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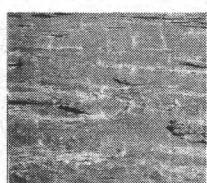
Northern River Basins Study

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NORTHERN RIVER BASINS STUDY PROJECT REPORT NO. 121
**BROAD SPECTRUM ANALYSIS OF
MUNICIPAL AND INDUSTRIAL
EFFLUENTS DISCHARGED INTO
THE PEACE, ATHABASCA AND SLAVE RIVER
BASINS: CHARACTERIZATION OF EFFLUENT
SAMPLES, 1994 - VOLUME 1 of 2**



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by

Ian Johnson, Alex Urso and Lawrence Geleta
Alberta Environmental Centre

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PREFACE:

The Northern River Basins Study was initiated through the "Canada-Alberta-Northwest Territories Agreement Respecting the Peace-Athabasca-Slave River Basin Study, Phase II - Technical Studies" which was signed September 27, 1991. The purpose of the Study is to understand and characterize the cumulative effects of development on the water and aquatic environment of the Study Area by coordinating with existing programs and undertaking appropriate new technical studies.

This publication reports the method and findings of particular work conducted as part of the Northern River Basins Study. As such, the work was governed by a specific terms of reference and is expected to contribute information about the Study Area within the context of the overall study as described by the Study Final Report. This report has been reviewed by the Study Science Advisory Committee in regards to scientific content and has been approved by the Study Board of Directors for public release.

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BROAD SPECTRUM ANALYSIS OF MUNICIPAL AND INDUSTRIAL EFFLUENTS DISCHARGED INTO THE PEACE, ATHABASCA AND SLAVE RIVER BASINS: CHARACTERIZATION OF EFFLUENT SAMPLES, 1994

STUDY PERSPECTIVE

Under the Northern River Basins Study (NRBS), water, effluent, sediment and biota have been sampled extensively and analyzed for specific contaminants known to be associated with developments within the study area, or known to be transported by aerial transport. To date, only "target compound" contaminant analyses have been conducted on these samples, and the results show generally low levels of these compounds. However, these types of specific analyses do not include other potential contaminants that are not currently known to be associated with man-made developments within the basins, or aerial transport, or for which there is little understanding of their environmental effects. Target compound analyses have been done with selected ion monitoring gas chromatography or mass spectrometry (GC/MS) with specific detectors. However, this method gives no indication of the other non-target compounds present, nor does it provide an "archive" record of chromatograms. An alternative experimental approach to characterizing the major effluents and receiving waters of the Athabasca and Peace river systems is by broad spectrum analysis.

Related Study Questions

- 4a) *What are the contents and nature of the contaminants entering the system and what is their distribution and toxicity in the aquatic ecosystem with particular reference to water, sediments and biota?*
- 8) *Recognizing that people drink water and eat fish from these river systems, what is the current concentration of contaminants in water and edible fish tissue and how are these levels changing through time and by location?*
- 13b) *What are the cumulative effects of man-made discharges on the water and aquatic environment?*

The project conducted broad spectrum analyses of water and effluent samples upstream and downstream of major effluent sources on the Athabasca, Peace and Wapiti-Smoky River systems. Analytical methods to classify organic constituents in effluents were based on full scan coupled GC/MS, and all significant compounds were characterized with respect to mass spectra and GC retention indices. The task was accomplished in three stages: (1) summary of results and review of raw GC/MS data from previous effluent analyses conducted between 1989 and 1994, (2) collection and analysis of current effluents, and (3) collection and analysis of receiving water samples.

Routine priority pollutant data for the analyses of municipal and industrial effluents, produced between 1989 and 1994, were reevaluated. Searchable mass spectral libraries were prepared for the organic components that were characterized. During that time period, improvements in effluent quality were observed, particularly for conventional bleached kraft mills. Generally, only low concentrations of contaminants were observed in sewage treatment plant (STP) effluent. Under the second task, 260 compounds were characterized from 1994 effluent samples, and a comparison of results revealed that the improvement in pulp mill effluent quality has continued. The third task determined that none of the contaminants observed in the discharged effluents were observed in surface waters in significant concentrations. Some of the compounds observed are ubiquitous in nature, and their presence cannot be attributed solely to industrial and municipal effluents.

Based on these results, it was concluded that the scope of future investigations should be narrowed to lipophilic classes of compounds in effluents and receiving waters, eliminating the compromises necessary to include hydrophilic compounds in the analysis. These analytical results will provide a permanent record of GC/MS data, allowing researchers to revisit the data in future years if other compounds become of interest.

This report provides information on the collection and analysis of current effluents (Task 2). A summary of the results and review of raw GC/MC data from previous effluent analysis conducted between 1989 and 1994 (Task 1) is provided in Northern River Basins Study Project Report No. 111. Northern River Basins Study Project Report No. 138 provides analytical results arising from the collection and analysis of receiving water samples in 1994 (Task 3).

REPORT SUMMARY

Samples of effluents discharging into the Alberta northern river basins were collected, extracted by solid phase extraction and fractionated before analysis by coupled gas chromatography-mass spectroscopy. Observed organic contaminants were characterized and quantified. The results are compared to results of previous analyses of these effluents. Chromatograms characteristic of the contaminants present are also presented.

ACKNOWLEDGMENTS

The authors gratefully acknowledge the assistance of Brian Brownlee of National Water Research Institute for useful discussions and assistance in the preparation of this report and the Northern River Basins Study Board for partial funding of this work.

TABLE OF CONTENTS

	Page
REPORT SUMMARY	i
ACKNOWLEDGMENTS	ii
TABLE OF CONTENTS	iii
LIST OF TABLES	iv
LIST OF FIGURES	v
1.0 <u>INTRODUCTION</u>	1
2.0 <u>MATERIALS AND METHODS</u>	1
2.1 Solvents, Reagents and Equipment	1
2.2 Sample Collection, Transport and Storage	2
2.3 Sample Extraction	2
2.4 Gel Permeation Chromatography Separation of Effluent Extracts	2
2.5 Fractionation of Low Molecular Weight Fraction of Effluent Extracts.....	3
2.6 Coupled Gas Chromatography-Mass Spectroscopy Analysis	4
2.7 Analysis of GC-MS Results	4
2.8 Mass Spectral Evaluation and Library Compilation	5
2.9 Quantitation of Compounds	6
2.10 Microtox® Evaluation of Effluent Extracts and Fraction Concentrates	6
2.11 Construction of Characteristic Traces	6
3.0 <u>RESULTS AND DISCUSSION</u>	7
3.1 Bleached Kraft Mill Effluents (BKME)	7
3.2 Chemi-thermomechanical Pulp Mill (CTMP) Effluents	8
3.3 Municipal Sewage Treatment Plant (STP) Effluents	9
3.4 Suncor Process Effluent	10
3.5 Microtox® Evaluation of Effluent Extracts and Fractions	10
4.0 <u>SUMMARY OF FINDINGS</u>	11
5.0 <u>REFERENCES</u>	13
<u>APPENDICES</u>	
APPENDIX A	Broad Spectrum Analysis of Municipal and Industrial Effluents Discharged into the Peace, Athabasca and Slave River Basins - Database Files
APPENDIX 1	Mass spectral of compounds in bleached kraft mill effluents
APPENDIX 2	Mass spectral of compounds in chemi-thermomechanical pulp mill effluents
APPENDIX 3	Mass spectral of compounds in municipal sewage treatment plant effluents
APPENDIX 4	Bleached kraft pulp mill effluent analytical results
APPENDIX 5	Bleached kraft pulp mill effluent analytical results
APPENDIX 6	Bleached kraft pulp mill effluent analytical results

LIST OF TABLES

	PAGE
Table 1. Compounds present in bleached kraft pulp mill effluents	14
Table 2. Compounds present in chemi-thermomechanical pulp mill effluents.	18
Table 3. Compounds present in municipal sewage treatment plant effluents.....	20
Table 4. Microtox® toxicity of effluent extracts and fractions.....	24

LIST OF FIGURES

	PAGE
Figure 1. A plot of <i>n</i> -alkane (C10-C35) retention times by carbon number for calculation of Kovats indices.....	26
Figure 2. A plot of PAH (naphthlene, phenanthrene, chrysene and dibenzol [a,h]anthracene) retention times by ring number for calculation of PAH retention indices.....	27
Figure 3. Characteristic traces of phthalate ester in the A fraction of BKMEs from A. AIPac-Grasslands, B. Diashowa-Peace River, C. Weldwood-Hinton, and D. Weyerhaeuser-Grande Prairie.....	28
Figure 4. Characteristic traces of mono- and dicarboxylic acids as methyl esters in the D fraction of BKMEs from A. AIPac-Grasslands, B. Diashowa-Peace River, C. Weldwood-Hinton, and D. Weyerhaeuser-Grande Prairie.....	29
Figure 5. Characteristic traces of diterpenes in the A fraction of BKMEs from A. AIPac-Grasslands, B. Diashowa-Peace River, C. Weldwood-Hinton, and D. Weyerhaeuser-Grande Prairie.....	30
Figure 6. Characteristic traces of triterpenoids in the A fraction of BKMEs from A. AIPac-Grasslands, B. Diashowa-Peace River, C. Weldwood-Hinton, and D. Weyerhaeuser-Grande Prairie.....	31
Figure 7. Characteristic traces of phthalate esters in A fraction of CTMP effluents from A. Alberta Newsprint Company-Whitecourt, B. Millar Western-Whitecourt, and C. Slave Lake Pulp-Slave Lake.....	32
Figure 8. Characteristic traces of mono- and dicarboxylic acids as methyl esters in the D fraction of CTMP effluents from A. Alberta Newsprint Company-Whitecourt, B. Millar Western-Whitecourt, and C. Slave Lake Pulp-Slave Lake.....	33
Figure 9. Characteristic traces of triterpenoids in the A fraction of CTMP effluents from A. Alberta Newsprint Company-Whitecourt, B. Millar Western-Whitecourt, and C. Slave Lake Pulp-Slave Lake.....	34
Figure 10. Characteristic traces of phthalate esters in the A fraction of municipal STP effluents from A. Athabasca, B. Fort McMurray, C. Grande Prairie and D. Whitecourt.....	35
Figure 11. Characteristic traces of mono- and dicarboxylic acids as methyl esters in the D fraction of municipal STP effluents from A. Athabasca, B. Fort McMurray, C. Grande Prairie and D. Whitecourt.....	36

Figure 12. Characteristic traces of triterpenoids in the A fraction of municipal STP effluents from A. Athabasca, B. Fort McMurray, C. Grande Prairie and D. Whitecourt	37
Figure 13. Characteristic traces of unidentified acids as methyl esters in the D fraction of municipal STP effluents from A. Athabasca, B. Fort McMurray, C. Grande Prairie and D. Whitecourt.....	38
Figure 14. Characteristic traces of nonylphenols in the A fraction of municipal STP effluents from A. Athabasca, B. Fort McMurray, C. Grande Prairie and D. Whitecourt	39
Figure 15. A The total ion chromatograms of A fraction of the Suncor process effluent with blank contributions removed B. The total ion chromatograms of B fraction of the Suncor process effluent with blank contributions removed.	40
Figure 16. Merged extracted ion chromatograms of the A fraction of the Suncor process effluent showing 1.fluoranthene, 2. pyrene, 3. benzo[a]anthracene, 4. chrysene, 5. benzo[b]fluoranthene, 6. benzo[k]fluoranthene, 7. benzo[e]pyrene, 8. dibenzo[a,h]anthracene and 9. picene.	41
Figure 17. Merged extracted ion chromatograms of the molecular ion of alkylated PAHs in the A fraction of the Suncor process effluent: A. alkylated phenanthrene and anthracene, B. alkylated fluoranthene and pyrene, C. alkylated benzoanthracenes and chrysenes, and D. alkylated benzofluoranthenes and benzopyrenes.	42
Figure 18. Extracted ion chromatograms of the molecular ions of alkylated dibenzothiophenes in the A fraction of the Suncor process effluent.	43

1.0 INTRODUCTION

Under the Northern River Basins Study Board, water, effluent, sediment, fish and benthic invertebrates have been sampled extensively and analyzed for a wide variety of specific contaminants known to be associated with the developments within the Northern Basins. To date only target compound analysis for specific contaminants has been undertaken. These analyses are for specific contaminants and yield no information regarding other contaminants which may be present. To observe these other compounds full scan coupled gas chromatography-mass spectroscopy (GC-MS) analysis of samples, followed by interpretation of the generated mass spectra is required.

This report is the second in a series of three reports describing the results of broad characterization of effluents discharged in the Alberta northern river basins and the analysis of surface waters for effluent components and other contaminants. This report describes the characterization of effluents discharged into the basin in 1994. In this work effluent samples were extracted by solid phase extraction (XAD-2 resin), separated into high and low molecular weight fractions by gel permeation chromatography, and fractionated by solvent partitioning. The extraction/fractionation process is shown in Scheme 1. Fractions of the effluent extracts were characterized by GC-MS and evaluated for acute toxicity with Microtox®.

2.0 MATERIALS AND METHODS

2.1 Solvents, Reagents and Equipment

All solvents were distilled in glass reagent grade purchased from BDH Inc. (Omnisolv grade). Tetrahydrofuran was purchased with butylated hydroxy toluene (0.25%) present as preservative and was redistilled in glass and preserved with ethanol (0.25%) prior to use. Acetic anhydride was freshly distilled prior to use. Amberlite XAD-2 resin was purchased from Axys Environmental Systems Ltd. and used without modification or was purchased from the Aldrich Scientific Company and soxhlet extracted with methyl-*t*-butyl ether (4 hr) followed by soxhlet extraction with methanol (4 hr) prior to use. Glass fibre filters used in the extraction apparatus were Gelman Type A/E 142 mm glass fiber filters prepared following AEC Environmental Chemistry SOP SB16.0, "Preparation of Gelman type A/E filters for Infiltrex II sampler".

Extractions were done with an Infiltrex II sampler purchased from Axys Environmental Systems Ltd.

2.2 Sample Collection, Transport, and Storage

Grab samples of effluents were collected, without preservation, in methyl-*t*-butyl ether rinsed 4L amber glass bottles fitted with PTFE lined screw caps. Samples were shipped by overnight courier to the Alberta Environmental Centre in Vegreville Alberta where they were stored at 4° C until analyzed.

2.3 Sample Extraction

Solid phase, XAD-2 extraction of acidified (pH 2, HCl) samples was conducted using an Infiltrex automatic sampler with a Gelman Type A/E glass fiber filter and XAD-2 extraction cartridge. A 4.0 L aliquot of acidified sample was pumped through the sampler at a rate of 40 mL/min. The glass fiber filter was removed from the filter assembly and extracted with 300 mL of freshly distilled tetrahydrofuran in a soxhlet extractor for 4 hr. The extraction cartridge was removed and excess water was expelled with a gentle stream of UHP grade nitrogen gas. The extraction column was then eluted with 150 mL of tetrahydrofuran which was collected and combined with the filter extract. The column was then eluted with nitrogen-purged methanol and stored for further use. The sample bottle was rinsed with 100 mL of tetrahydrofuran, and the rinse which was combined with the previous tetrahydrofuran extracts and concentrated by rotary evaporator and made up to 10 mL in tetrahydrofuran. The extract was then dried by passing through 1 g of granular anhydrous sodium sulphate packed in a 6" Pasteur pipette.

2.4 Gel Permeation Chromatography Separation of Effluent Extracts

Extracts were separated into high and low molecular weight fractions by nonaqueous gel permeation chromatography. The chromatography system involved a Spectra Physics 8770 isocratic HPLC pump, two 300 x 10 mm Biobeads SX-3 chromatography columns, prepared following AEC Environmental Chemistry SOP SB24.0 "Preparation of gel permeation chromatography columns for lipid cleanups", connected in series and a Rheodyne HPLC injector with a 2.0 mL sample loop. The fraction collection times were determined following AEC

Environmental Chemistry SOP SB25.0 “Calibration of gel chromatography cleanup columns”, based on corn oil used as a lipid standard. One half of each extract was fractionated using repeated 1.0 mL injections and the remaining half was stored at -20° C for future reference. The low molecular weight cuts were then pooled, concentrated and then diluted to 10 mL with tetrahydrofuran. A 2.0 mL aliquot was set aside and stored at -20° C for Microtox® evaluation.

2.5 Fractionation of Low Molecular Weight Fraction of Effluent Extracts

Extracts were fractionated repeatedly in 2 mL portions. A 2 mL portion of the low molecular weight fraction of extract was combined with 40 mL of distilled deionized water and 1.0 mL of aqueous potassium carbonate (75%) in a 50 mL Mixxor liquid/liquid extractor. The aqueous phase was extracted with 10 mL of pentane which was then dried by elution through a 1 g column of granular anhydrous sodium sulphate (fraction A).

Freshly distilled acetic anhydride, 0.3 mL, was then added to the aqueous solution which was then extracted with 10 mL pentane. The pentane was then dried by elution through a 1 g column of granular anhydrous sodium sulphate (fraction B).

The aqueous solution was then extracted with 10 mL of methyl-*t*-butyl ether, which was then dried by elution through a 1 g column of granular anhydrous sodium sulphate (fraction C). The remaining aqueous solution was acidified by dropwise addition of 30% sulphuric acid to adjust the pH to below 2 and then extracted with methyl-*t*-butyl ether. The extract was also dried by elution through a 1 g column of granular anhydrous sodium sulphate (fraction D).

Dried fractions from the low molecular weight fraction were pooled, concentrated and then diluted to 10 mL with methyl-*t*-butyl ether. A 2.0 ml portion of each fraction was set aside for Microtox® evaluation. Fractions A and B were then concentrated to 1 mL under a stream of nitrogen and stored at -20°C for analysis by coupled gas chromatography- mass spectroscopy. Fraction C was divided in two equal portions and one portion was methylated with diazomethane generated from Diazald® following AEC Environmental Chemistry SOP SB22.0, “Methylation of organic acids with diazomethane generated from Diazald®”. Both portions were then concentrated to 1 mL under a stream of nitrogen and stored at -20°C for analysis by coupled gas chromatography-mass spectroscopy. Fraction D was evaporated under a stream of nitrogen in a 15 mL culture tube and dissolved in 1 mL of methanol and 0.4 mL of methanolic boron

trifluoride (10%). A PFTE line screw cap was fitted and the solution was heated to 60° for 1 hr. before the addition of 10 mL of deionized distilled water. A 1 mL portion of hexane and 10 µL of internal standard solution were then added and the tube shaken for 20 min. The tube was then centrifuged and the hexane layer transferred with a Pasteur pipette to a 2 mL autosampler vial and stored at -20°C for analysis by coupled gas chromatography-mass spectroscopy.

2.6 Coupled Gas Chromatography-Mass Spectroscopy Analysis

Effluent extract fractions to which d10-phenanthrene had been added as the internal standard (2.4 µg /mL) were analyzed using a Hewlett Packard 5890 gas chromatograph coupled to a Hewlett Packard 5970 mass selective detector. The gas chromatograph was equipped with an HP 7673A autosampler, a split/splitless injector run in the splitless mode, and a fused silica capillary column (30m x 0.20 mm i.d.) coated with DB-1 methylsilicone stationary phase (film thickness 0.25µ). The mass selective detector had been fitted with a high energy dynode electron multiplier to increase sensitivity. The mass spectrometer was tuned using perfluorotributylamine as calibrant, to give a 502 ion 25% of the 69 ion and a 219 ion 150% of the 69 ion. The injector was maintained at 290°C for 1.0 µL sample injections. The initial column oven temperature was 50°C, which was maintained for 2 minutes before being increased to 300°C at a rate of 5°C/min. and then maintained for 5 minutes at 300°C. The GC-MS interface was maintained at 280°C. GC-MS information was recorded and analyzed on an Everdata 486 computer using Hewlett Packard G1045c MS Chemstation software.

2.7 Analysis of GC-MS Results

GC-MS data was analyzed using Hewlett Packard G1045c MS Chemstation software on an Everdata 486 computer. The Wiley mass spectral library and broad spectrum analysis mass spectral libraries constructed in the first phase of this project were used as the reference library for probability bases matching (PBM) library searches. All spectra presented were “background subtracted”. Background spectra for subtraction were obtained as the average of spectra over a 0.05 to 0.10 minute interval in a region with no peak, near the peak under consideration.

Spectra of coeluting compounds were obtained by first identifying ions representing of each coeluting compounds (unique to the compound if possible, and as abundant as possible);

next obtaining background subtracted spectra from the apex of peaks in the extracted ion chromatograms (EIC) for the ions representative of the compounds; and then, for each compound, subtracting the component of the spectra from the other coeluting compounds (the amount determined from abundances in the EICs).

Kovats and PAH retention indices were calculated by linear interpolation of a compound's retention time between that of the standards eluting immediately before and after the compound. The retention times of *n*-alkanes (C₉ to C₃₄) were used to calculate Kovats indices and the retention times of naphthalene, phenanthrene, chrysene and dibenzo[a,h]anthracene (2 to 5 ring PAHs) were used to calculate PAH retention indices (dibenzo[a,h]anthracene was used as the 5 ring PAH standard in place of picene which was not available).

Method blanks were evaluated to determine the contribution of the extraction and chromatographic materials to those observed in the final extract fractions. A mass spectral library of compounds observed in blanks was constructed for use in the evaluation of compounds observed in effluent extract fractions. Compounds observed in extract fractions which matched retention indices and spectra with those observed in blanks were not considered unless present in extracts in concentrations double those of the blank. The only compounds observed in the blanks and considered in this report are phthalate esters and linear carboxylic and dicarboxylic acids and esters.

2.8 Mass Spectral Evaluation and Library Compilation

Mass spectra were compared to the reference library using PBM software and evaluated using mass spectral interpretation techniques described by McLafferty (1980). Discussion of mass spectral interpretation is not presented in this report. Mass spectra were stored in another PBM searchable reference library using Hewlett-Packard MS Chemstation software.

Effluent GC-MS chromatograms were divided into three groups, i) bleached kraft pulp mill effluents (BKME), ii) high yield pulp mill effluents which comprised both thermomechanical and chemi-thermomechanical pulp mill effluents (CTMP), and iii) municipal sewage treatment plant effluents (STP). The Suncor effluent was considered separately. Separate searchable libraries were created for each group. Within each group, compounds were further divided by the fraction in which they are most concentrated. Within these subgroups the

compounds were numbered by order of elution. For example, BKME A 10, would be the 10th peak considered in the chromatograms of the A fraction of BKME.

2.9 Quantitation of Compounds

Compounds were quantified using d10-phenanthrene as internal standard. No standards for the compounds reported were run in the course of the analysis so compound concentrations were estimated assuming constant TIC response factors for compounds and internal standards. Concentrations in effluents were calculated by applying a concentration factor to the sum of concentrations observed in extract fraction concentrates.

2.10 Microtox® Evaluation of Effluent Extracts and Fraction Concentrates

Fractions set aside for Microtox® testing (1 mL) were evaporated to dryness under a stream of nitrogen and immediately redissolved in 2 mL of glass-distilled methanol. These solutions, and dilutions made into methanol, were used to measure Microtox® activity. The assay procedure described in AEC Microbiological Method Manual, based on the original Beckman Instruments procedure was employed to measure Microtox® activity except all dilutions and controls were done with methanol. Aliquots of 0.10 mL of methanol or the test substance serially diluted in methanol were added to the test media.

2.11 Construction of Characteristic Traces

The characteristic trace of mono- and dicarboxylic acids is the extracted ion chromatograms of m/e 74 and m/e 87 of the D fraction from 10 to 50 minutes added together. The extracted ion chromatogram of m/e 149 of the A fraction from 28 to 54 minutes is the characteristic trace of phthalate esters. The diterpene characteristic trace is the sum of the extracted ion chromatograms of m/e 272, m/e 270, m/e 257, m/e 255 and m/e 137 of the A fraction from 30 to 35 minutes. The characteristic trace of triterpenoids is the sum of the extracted ion chromatograms of m/e 380, m/e 382, m/e 384, m/e 394, m/e 396 and m/e 398 of the A fraction from 46 to 54 minutes merged with the sum of the extracted ion chromatograms of m/e 410 and m/e 412 of the A fraction from 50 to 56 minutes. The characteristic trace of nonylphenols is the sum of the extracted ion chromatograms of m/e 121, m/e 135, m/e 107 and

m/e 149 of the A fraction from 24 to 29 minutes. The characteristic trace of the unidentified acids in the municipal STP effluents is the sum of the extracted ion chromatograms of m/e 117, m/e 251 and m/e 265 of the D fraction from 36 to 46 minutes.

3.0 RESULTS AND DISCUSSION

Compounds found in effluents are tabulated in Tables 1 (bleached kraft mill effluents), 2 (chemi-thermomechanical pulp mill effluents) and 3 (municipal sewage treatment plant effluents). The Suncor effluent is discussed separately. These compounds are characterized and described by i) tentative identification based on interpretation of mass spectra, mass spectral library search results, elution order (evaluated using published retention indices) when ever possible, ii) class/ type of compound, i.e. chlorinated terpene, alkylated benzene, alkylated thiophene etc., and iii) substructure such as carboxylic acid or incorporation of special elements such as chlorine or sulphur as determined from the molecular ion cluster, characteristic losses or characteristic ions. The mass spectra of these compounds are attached to this report in Appendices 1, 2, and 3. They are also available in Probability Based Searchable digital format. Care must be used when using these spectra since they were obtained from complex chromatograms which required manipulation.

Kovats and PAH retention indices were calculated using data from GC-MS analysis of *n*-alkane and PAH standards shown in Figures 1 and 2. Kovats indices have been shown to be directly (linearly) related to the appearance temperatures, and hence retention times, of compounds eluting in temperature programmed gas chromatography (Watts and Kekwick 1974). This is obvious in Figure 1. That PAH retention indices are linearly related to retention times is apparent in Figure 2. Both Kovats and PAH retention indices of observed compounds are included in Tables 1, 2, and 3.

3.1 Bleached Kraft Mill Effluents (BKME)

The concentrations of compounds in BKMEs are reported by mill, in Appendix 4. The character of these effluents has changed considerably from those of previous years reported in the Phase I report. No monoterpenes, sesquiterpenes, alkylated sulphides or polysulphides, thiophenes, or chlorinated compounds were observed in any of the current effluents.

Nonylphenols, which were previously observed in Weldwood-Hinton mill effluent, were not in the current effluent but large numbers of phthalate esters were, perhaps replacing nonylphenols in the process. Characteristic traces of phthalate esters in the mill effluents are shown in Figure 3. Phthalate esters in the other mill effluents were not nearly as numerous or concentrated but do have a significant presence.

Both mono- and dicarboxylic acids were present in all effluents but in much lower amounts in the AlPac-Grasslands effluent. These compounds were observed as the free acid in the A fraction and as methyl esters in the D fraction. They were also present in blanks making accurate quantitation impossible. The characteristic chromatograms of these compounds in the D fraction, as methyl esters, are shown in Figure 4. The differences between amounts and pattern between the effluents and blank suggests a real contribution from the effluents.

Although no monoterpenes and sesquiterpenes were observed, diterpenes and triterpenoids (C27 to C30) were observed in some effluents. Figure 5 shows the characteristic traces of diterpenes, which were observed in the Weyerhaeuser-Grande Prairie effluent and Figure 6 shows the characteristic traces of triterpenoids for these effluents. Both classes of compounds are most prevalent in the Weyerhaeuser-Grande Prairie effluent in which 3 diterpene acids were also observed.

3.2 Chemi-thermomechanical Pulp Mill (CTMP) Effluents

The concentrations of compounds in CTMP effluents are reported, by mill, in Appendix 5. Phthalate esters, dioctyl hexanedioic acid, and mono- and dicarboxylic acids were observed in these effluents at significant concentrations. Mono-, sesqui-, and diterpenes were not observed although triterpenoids were observed in the Slave Lake Pulp-Slave Lake effluent. Contaminants previously observed in high concentrations (>50 µg/L) in the Slave Lake Pulp-Slave Lake effluent, discussed in the Phase I report (Johnson 1996), were not observed in this survey.

Characteristic traces for phthalates, acids as methyl esters, and triterpenoids are presented in Figures 7, 8, and 9 respectively.

3.3 Municipal Sewage Treatment Plant (STP) Effluents

The concentrations of compounds in STP effluents were reported, by municipality, in Appendix 6. Concentrations of contaminants observed in these effluents are generally higher than those observed in the pulp mill effluents. As with the pulp mill effluents, both phthalates and carboxylic acids were present in the STP effluents. Characteristic traces of these classes of compounds for these effluents are shown in Figures 10 and 11. In the carboxylic acid characteristic traces it can be seen that the Grande Prairie effluent differs from the others, with the fatty acid homologue series extending up to octacosanoic acid (C28:0). This homologue series is also extended in the Fort McMurray effluent, but only to pentacosanoic acid (C25:0). The source and variability of these compounds in the effluents are unknown, but they may prove useful as tracers to determine distribution and impact of these effluents.

2-Butoxyethanol phosphate (3:1) was observed in all effluents in significant concentrations (4.1 to 7.6 µg/L). Triphenyl phosphate was also observed, but in concentrations which ranged from 128 µg/L in the Whitecourt effluent to 0.4 µg/L in the Fort McMurray effluent. Caffeine, which was observed in previous work, was only observed in the Town of Athabasca effluent, at a low concentration (1.1 µg/L). Another class of compounds generally associated with sewage effluents were the sterol derived, sterols, sterones, stanols and stanones (triterpenoids). These were easily observed in the Grande Prairie effluent but were present in all STP effluents as is shown in characteristic traces, based on the molecular ions of these compounds, in Figure 12. Another group of hydrocarbons was observed in the acid fractions of the STP effluent extracts. These compounds have very similar mass spectra but have yet to be identified. The mass spectra all include abundant ions of m/e 117, 251 and 265 suggesting similar structures. Characteristic traces for these compounds are presented in Figure 13. These compounds were observed principally in the Fort McMurray STP effluent although trace amounts were present in other effluents. Nonylphenols, a group of anthropogenic hydrocarbons observed previously in STP effluents, were observed in all STP effluents surveyed. Characteristic traces of this group of compounds in STP effluents are shown in Figure 14.

Dialkyl polysulphides and substituted thiophenes, previously only observed in kraft mill effluents, were observed in the Grande Prairie effluent but not in BKMEs analyzed in this work.

The occurrence of these compounds in surface waters now cannot be attributed solely to BKME discharges, as it would have been in the past.

3.4 Suncor Process Effluent

The organic component of the Suncor effluent consisted primarily of naphthenic acids, a very complex mixture of alicyclic carboxylic acids. Despite the carboxylic acid functionality these compounds appeared in fraction A, the base/neutral nonpolar fraction. This is shown in Figure 15, chromatograms of the A and B fractions of the Suncor effluent extract. Naphthenic acids, a very complex mixture, not resolvable by simple gas chromatography, appear as an unresolved "hump" between 20 and 55 minutes. The presence of these organic acids masks the presence of polycyclic aromatic hydrocarbons (PAHs) which are also present in the A fraction. The presence of these compounds is demonstrated in Figure 16, merged extracted ion chromatograms of the molecular ions of PAHs. Although identifications were confirmed with the retention times of authentic standards or comparison with reported retention indices (Vassilaros *et. al.* 1982), accurate quantitation was not possible with this data. The concentrations of these compounds range from 0.1 to 1 µg/L.

Alkylated PAHs were also observed by extracted ion chromatograms although identification was not confirmed with authentic standards. Figure 17 shows merged extracted ion chromatograms of molecular ions of alkylated PAHs. Accurate quantitation was not possible with this data but concentrations of these compounds range from 0.1 to 1 µg/L. Figure 18 shows the extracted ion chromatograms of the molecular ions of alkylated dibenzothiophenes. The identification of these peaks was not confirmed with authentic standards.

These chromatograms provide evidence of alkylated PAHs and heterocyclic PAHs in the process effluent indicating the need for further work to characterize and quantify these compounds in a further fractionated base/neutral fraction of the effluent.

3.5 Microtox® Evaluation of Effluent Extracts and Fractions

Effluent extracts and fractions were evaluated for toxicity using Microtox® as the toxicity measuring system. Extracts and fractions were solvent exchanged into methanol for the toxicity testing. The results of the testing, in percentage of solution required to attenuate light to

50% after 15 min., multiplied by the concentration factor, are presented in Table 4. The cumulative toxicity of the fractions was calculated as the inverse of the sum of inverses of the toxicity of individual fractions. The value of the cumulative toxicity will be lower than the individual toxicities indicating higher toxicity. This summation procedure assumes a linear dose response for toxicants and that there are no antagonistic or synergistic interactions among toxicants and between toxicants and other contaminants. The results in Table 4 indicate extreme toxicity in all effluents analyzed which is known not to be the case. The observed toxicity is likely due to contaminants introduced by the use of tetrahydrofuran in the extraction and fractionation steps. This phenomena has been reported by others (Warner *et. al.* 1986). Although the toxicity observed is unlikely due to constituents of the effluents it is interesting to note that the cumulative toxicities of the fractions approximate that observed in the low molecular weight fraction of 8 of the 12 effluents.

4.0 SUMMARY OF FINDINGS

The improvement in the quality of pulp mill effluents since 1989 described in report 1 of the series (Johnson, 1996) has continued. In BKME, none of the chlorinated or sulphonated compounds observed previously were present. In all pulp mill effluents, mono- and sesquiterpenes were not present. Diterpenes and triterpenoids were observed but at lower concentrations than previously reported. Ubiquitous compounds like mono- and dicarboxylic acids and phthalate esters were present in these effluents. Heterocyclic compounds previously reported in high concentrations in the Slave Lake Pulp-Slave Lake effluent were not observed in this survey.

The improvement in the pulp mill effluents was not mirrored by improvements in the municipal STP effluents. High concentrations of organic phosphate were present in all effluents. Elongated fatty acids (>C20) were observed in the Grande Prairie and Fort McMurray effluents. Dialkyl polysulphides and alkylated thiophenes were also observed in the Grande Prairie STP.

The Suncor process effluent contained a mixture of PAHs and alkylated PAHs in addition to naphthenic acids. This effluent requires further study to fully characterize it and its environmental effects. Naphthenic acids are toxic but as soaps may also effect the distribution

and fate of the nonpolar PAHs in the environment. These effects must be better understood in order to assess the effect of the naphthenic acids on the environment.

5.0 REFERENCES

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Table 1. Compounds present in bleached kraft pulp mill effluents

BSA Number	Compound Identification	Retention Time (min.)	Kovats Index	PAH Index
BKME A 001	Naphthalene	12.40	1148	2001
BKME A 002	Unidentified Diterpene (C ₂₀ H ₃₂)	26.59	1692	2954
BKME A 003	Bis-(methylpropyl)-phthalate	29.40	1820	3168
BKME A 004	Dibutylphthalate	31.26	1910	3316
BKME A 005	Unidentified Diterpene (C ₂₀ H ₃₂)	31.37	1915	3324
BKME A 006	Sandaracopimaridiene	31.62	1927	3344
BKME A 007	Hexadecanoic acid	31.91	1942	3367
BKME A 008	Isopimaridiene	32.51	1972	3414
BKME A 009	Unidentified Diterpene (C ₂₀ H ₃₂)	32.85	1990	3442
BKME A 010	Unidentified Diterpene (C ₂₀ H ₃₂)	33.46	2021	3490
BKME A 011	Unidentified Hydrocarbon	33.78	2038	3515
BKME A 012	Unidentified Diterpene (C ₂₀ H ₃₂)	34.15	2057	3544
BKME A 013	Unidentified Hydrocarbon	34.99	2101	3611
BKME A 014	C ₁₈ :1 Fatty acid	35.17	2111	3625
BKME A 015	C ₁₈ :1 Fatty acid	35.28	2117	3633
BKME A 016	C ₁₈ :0 Fatty acid	35.71	2140	3667
BKME A 017	Phthalate Ester (di C ₆ H ₁₃)	36.42	2180	3724
BKME A 018	Phthalate Ester (di C ₆ H ₁₃)	36.50	2184	3730
BKME A 019	Phthalate Ester (di C ₆ H ₁₃)	36.75	2198	3750
BKME A 020	Docosane	36.74	2197	3749
BKME A 021	Phthalate Ester (di C ₆ H ₁₃)	36.86	2203	3759
BKME A 022	Unidentified Hydrocarbon	36.92	2207	3763
BKME A 023	Phthalate Ester (di C ₆ H ₁₃)	36.96	2209	3766
BKME A 024	Unidentified Diterpene (C ₂₀ H ₂₈ O)	36.99	2211	3769
BKME A 025	Phthalate Ester (di C ₆ H ₁₃)	37.09	2216	3777
BKME A 026	Phthalate Ester (di C ₆ H ₁₃)	37.20	2223	3786
BKME A 027	Unidentified Hydrocarbon	37.22	2224	3787
BKME A 028	Phthalate Ester (di C ₆ H ₁₃)	37.30	2229	3794
BKME A 029	Phthalate Ester (di C ₆ H ₁₃)	37.43	2236	3804
BKME A 030	Phthalate Ester (di C ₆ H ₁₃)	37.52	2241	3811
BKME A 031	Phthalate Ester (di C ₆ H ₁₃)	37.76	2255	3830
BKME A 032	Phthalate Ester (di C ₆ H ₁₃)	37.87	2261	3838
BKME A 033	Phthalate Ester (butyl, methylphenyl)	38.16	2278	3861
BKME A 034	Phthalate Ester (di C ₆ H ₁₃)	38.41	2292	3881
BKME A 035	Tricosane	38.49	2297	3888
BKME A 036	Phthalate Ester (di C ₆ H ₁₃)	38.75	2312	3908
BKME A 037	Phosphoric acid, triphenyl ester	38.88	2320	3919
BKME A 038	Phthalate Ester	39.04	2329	3931
BKME A 039	Unidentified Triterpenoid	39.28	2343	3950
BKME A 040	Phthalate Ester	39.30	2344	3951
BKME A 041	Unidentified Diterpene acid	39.38	2349	3958
BKME A 042	Phthalate Ester	39.52	2357	3969
BKME A 043	Hexadioic acid, dioctyl ester	39.68	2367	3982
BKME A 044	Dehydroabietic acid	39.90	2380	3999

Table 1 continued. Compounds present in bleached kraft pulp mill effluents.

BSA Number	Compound Identification	Retention Time (min.)	Kovats Index	PAH Index
BKME A 045	Phthalate Ester	39.99	2385	4008
BKME A 046	Phthalate Ester	40.38	2409	4045
BKME A 047	Phthalate Ester	40.59	2422	4066
BKME A 048	Unidentified Diterpene acid	40.70	2428	4076
BKME A 049	Unidentified Hydrocarbon (Dioic acid ester)	41.04	2449	4109
BKME A 050	Phthalate Ester	41.63	2486	4166
BKME A 051	Phthalate Ester	41.86	2500	4188
BKME A 052	Phthalate Ester	42.12	2517	4214
BKME A 053	Phthalate Ester	42.33	2530	4234
BKME A 054	Phthalate Ester	42.54	2543	4254
BKME A 055	Phthalate Ester	42.75	2557	4274
BKME A 056	Phthalate Ester	43.13	2581	4311
BKME A 057	Phthalate Ester	43.53	2607	4349
BKME A 058	Phthalate Ester	43.70	2618	4366
BKME A 059	Unidentified hydrocarbon	44.07	2643	4402
BKME A 060	Phthalate Ester	44.28	2657	4422
BKME A 061	Unidentified hydrocarbon	44.36	2662	4430
BKME A 062	Phthalate Ester	44.66	2682	4459
BKME A 063	Phthalate Ester	44.94	2700	4486
BKME A 065	Phthalate Ester	45.65	2750	4555
BKME A 066	Phthalate Ester	45.91	2767	4579
BKME A 067	Decanedioic acid, dioctyl ester	45.99	2773	4587
BKME A 068	Phthalate Ester	46.02	2775	4591
BKME A 069	Phthalate Ester	46.18	2787	4606
BKME A 070	Octacosane	46.30	2795	4618
BKME A 071	Phthalate Ester	46.41	2802	4628
BKME A 072	Squalene	46.44	2805	4631
BKME A 073	Phthalate Ester	46.63	2818	4650
BKME A 074	Phthalate Ester	47.52	2881	4736
BKME A 075	Unidentified triterpenoid	48.13	2925	4794
BKME A 076	Unidentified triterpenoid	48.30	2938	4811
BKME A 077	Unidentified triterpenoid	48.46	2950	4826
BKME A 078	Unidentified triterpenoid	48.77	2972	4856
BKME A 079	Phthalate Ester	49.07	2995	4885
BKME A 080	Phthalate Ester	49.15	3001	4893
BKME A 081	Unidentified triterpenoid	49.21	3005	4898
BKME A 082	Unidentified triterpenoid	49.38	3018	4915
BKME A 083	Unidentified triterpenoid	49.56	3031	4932
BKME A 084	Unidentified triterpenoid	49.70	3043	4946
BKME A 085	Unidentified triterpenoid	50.00	3065	4975
BKME A 086	Phthalate Ester	50.14	3076	4989
BKME A 087	Phthalate Ester	51.19	3157	
BKME A 088	Phthalate Ester	51.64	3193	
BKME A 089	Phthalate Ester	52.68	3274	

Table 1 continued. Compounds present in bleached kraft pulp mill effluents.

BSA Number	Compound Identification	Retention Time (min.)	Kovats Index	PAH Index
BKME A 090	Unidentified triterpenoid	52.71	3276	
BKME A 091	Unidentified hydrocarbon	52.96	3295	
BKME A 092	Unidentified hydrocarbon	53.19	3311	
BKME A 093	Unidentified triterpenoid	53.33	3321	
BKME A 094	Unidentified triterpenoid	53.38	3324	
BKME A 095	Unidentified triterpenoid	53.94	3362	
BKME A 097	Unidentified triterpenoid	54.57	3403	
BKME A 098	Unidentified triterpenoid	55.01	3429	
BKME B 001	Dodecane	13.86	1197	2099
BKME B 002	Dodecanoic acid	23.21	1548	2727
BKME B 003	Diacetylated catechol or resorcinol (CH3 and OCH3 substituted)	25.01	1623	2848
BKME B 004	Unidentified	32.69	1981	3428
BKME B 005	Unidentified	33.75	2036	3513
BKME B 006	C22 alkane	36.72	2196	3748
BKME B 007	Unidentified	37.24	2225	3789
BKME B 008	Unidentified	38.64	2305	3900
BKME B 009	Unidentified triterpene	41.40	2472	4144
BKME B 010	Unidentified triterpene	51.39	3173	
BKME D 001	Benzoic acid, methyl ester	9.88	1062	
BKME D 002	Octanoic acid, methyl ester	11.16	1106	
BKME D 003	Nonanoic acid, methyl ester	14.11	1206	2116
BKME D 004	Decanoic acid, methyl ester	16.97	1307	2308
BKME D 005	Unidentified	17.56	1329	2348
BKME D 006	Unidentified	19.48	1400	2477
BKME D 007	Octandioic acid, dimethyl ester	19.72	1409	2493
BKME D 008	Dimethyl phthalate	20.93	1457	2574
BKME D 009	Docecanoic acid, methyl ester	22.19	1506	2659
BKME D 010	Nonadioic acid, dimethyl ester	22.30	1511	2666
BKME D 011	Decadioic acid, dimethyl ester	24.74	1612	2830
BKME D 012	Tetradecanoic acid, methyl ester	26.93	1707	2977
BKME D 013	Branched C15:0 fatty acid methyl ester	28.34	1771	3085
BKME D 014	Branched C15:0 fatty acid methyl ester	28.51	1779	3098
BKME D 015	Pentadecanoic acid, methyl ester	29.12	1807	3147
BKME D 016	Branched C16:0 fatty acid methyl ester	30.48	1872	3254
BKME D 017	Hexadecenoic acid, methyl ester	30.66	1880	3268
BKME D 018	Hexadecanoic acid, methyl ester	31.23	1908	3313
BKME D 019	Branched C17:0 fatty acid methyl ester	32.12	1953	3384
BKME D 020	Branched C17:0 fatty acid methyl ester	32.52	1973	3415
BKME D 021	Branched C17:0 fatty acid methyl ester	32.67	1981	3427
BKME D 022	Heptadecanoic acid, methyl ester	33.22	2008	3471
BKME D 023	9,12-Octadecadienoic acid, methyl ester	34.38	2069	3563
BKME D 024	9-Octadecenoic acid methyl ester (Z)	34.56	2079	3577
BKME D 025	9-Octadecenoic acid methyl ester (E)	34.67	2084	3586

Table 1 continued. Compounds present in bleached kraft pulp mill effluents.

BSA Number	Compound Identification	Retention Time (min.)	Kovats Index	PAH Index
BKME D 026	Octadecanoic acid, methyl ester	35.14	2109	3622
BKME D 027	Nonadecenoic acid, methyl ester	36.68	2193	3744
BKME D 028	Nonadecanoic acid, methyl ester	36.97	2210	3767
BKME D 029	Eicosanoic acid, methyl ester	38.73	2310	3906
BKME D 030	Unidentified	40.92	2442	4097
BKME D 031	Triterpenoid acid, methyl ester	41.48	2476	4152
BKME D 032	Docosanoic acid, methyl ester	41.90	2502	4192
BKME D 033	Tricosanoic acid, methyl ester	43.60	2612	4357
BKME D 034	Tetracosanoic acid, methyl ester	45.11	2713	4503
BKME D 035	Hexacosanoic acid, methyl ester	47.97	2914	4779

Table 2. Compounds present in chemi-thermomechanical pulp mill effluents.

BSA Number	Compound Identification	Retention Time (min.)	Kovats Index	PAH Index
CTMP A 001	Unidentified hydrocarbon	16.19	1280	2256
CTMP A 002	Branched alkane	22.86	1534	2704
CTMP A 003	Diethyl phthalate	23.08	1543	2719
CTMP A 004	Alkyl alkene or alcohol	23.34	1554	2736
CTMP A 005	Unidentified alkyl hydrocarbon	27.07	1713	2986
CTMP A 006	Dichloro unidentified	27.41	1729	3011
CTMP A 007	Unidentified alkyl hydrocarbon	28.03	1757	3061
CTMP A 008	Bis(2-methylpropyl)phthalate	29.36	1819	3166
CTMP A 009	Dibutyl phthalate	31.26	1909	3316
CTMP A 010	Branched alkane	31.65	1929	3347
CTMP A 011	Hexadecanoic acid	31.91	1942	3367
CTMP A 012	Hexadecanoic acid, ethyl ester	32.65	1980	3426
CTMP A 013	Eicosane	32.99	1996	3452
CTMP A 014	Heptadecanoic acid	33.81	2039	3517
CTMP A 015	Heneicosane	34.94	2099	3607
CTMP A 016	Octadecenoic acid	35.25	2115	3632
CTMP A 017	Octadecanoic acid	35.73	2142	3669
CTMP A 018	Docosane	36.73	2196	3749
CTMP A 019	Unidentified alkene	37.20	2223	3785
CTMP A 020	Unidentified	37.84	2259	3836
CTMP A 021	Unidentified alkene	38.12	2276	3859
CTMP A 022	Tricosane	38.49	2296	3887
CTMP A 023	Hexadioic acid, dioctyl ester	39.68	2366	3982
CTMP A 024	Unidentified, tentatively diethylene glycol dibenzoate	40.04	2388	4013
CTMP A 025	Tetracosane	40.17	2396	4025
CTMP A 026	Diheptyl phthalate	41.62	2485	4165
CTMP A 027	Bis(2-ethylhexyl) phthalate	41.84	2499	4187
CTMP A 028	Unidentified phthalate ester	43.51	2606	4348
CTMP A 029	Unidentified phthalate ester	44.65	2681	4458
CTMP A 030	Heptacosane	44.85	2695	4478
CTMP A 031	Decadioic acid, dioctyl ester	45.99	2773	4588
CTMP A 032	Squalene	46.33	2797	4621
CTMP A 033	Octacosane	46.31	2795	4618
CTMP A 034	Unidentified phthalate ester	46.43	2804	4630
CTMP A 035	Unidentified triterpenoid	47.21	2859	4705
CTMP A 036	Unidentified phthalate ester	47.49	2879	4733
CTMP A 037	Nonacosane	47.71	2894	4753
CTMP A 038	Triacontane	49.06	2994	4884
CTMP A 039	Unidentified triterpenoid	49.70	3043	4946
CTMP A 040	Unidentified phthalate ester	50.13	3075	4987
CTMP A 041	Hentriaccontane	50.39	3095	
CTMP A 042	Unidentified triterpenoid	52.69	3275	

Table 2 continued. Compounds present in chemi-thermomechanical pulp mill effluents.

BSA Number	Compound Identification	Retention Time (min.)	Kovats Index	PAH Index
CTMP A 043	Triterpenoid, tentatively 3-Keto-urs-12-ene	53.31	3320	
CTMP B 001	4-Acetoxybenzaldehyde	16.61	1294	2284
CTMP B 002	4-Acetoxy-3-methoxybenzaldehyde	21.14	1465	2588
CTMP C1 001	4-Hydroxy-3,5-methoxybenzaldehyde	25.71	1654	2896
CTMP C2 001	Dehydroabietic acid, methyl ester	38.43	2293	3883
CTMP D 001	Benzoic acid, methyl ester	9.88	1062	
CTMP D 002	Benzene acetic acid, methyl ester	12.19	1141	
CTMP D 003	Hexadioic acid, dimethyl ester	14.12	1206	2117
CTMP D 004	Phenoxyacetic acid, methyl ester	15.64	1260	2219
CTMP D 005	Unidentified alkyl methyl ester	16.76	1300	2294
CTMP D 006	Octanedioic acid, dimethyl ester	19.72	1409	2493
CTMP D 007	Unidentified alkyl methyl ester	20.72	1449	2560
CTMP D 008	Dimethyl phthalate	20.93	1457	2574
CTMP D 009	Dodecanoic acid, methyl ester	22.19	1506	2659
CTMP D 010	Nonanedioic acid, dimethyl ester	22.29	1510	2666
CTMP D 011	Unidentified terpenoid methyl ester	23.77	1571	2765
CTMP D 012	Naphthalenecarboxylic acid, methyl ester	24.28	1592	2799
CTMP D 013	Decanedioic acid, dimethyl ester	24.73	1611	2830
CTMP D 014	Tetradecanoic acid, methyl ester	26.92	1706	2976
CTMP D 015	Pentadecanoic acid, methyl ester	29.12	1807	3146
CTMP D 016	Hexadecenoic acid, methyl ester	30.70	1882	3271
CTMP D 017	Hexadecanoic acid, methyl ester	31.22	1907	3312
CTMP D 018	2-Naphthaleneacetic acid, 6-methoxy, a-methyl, methyl ester	32.36	1965	3403
CTMP D 019	Octadecadienoic acid, methyl ester	34.38	2069	3563
CTMP D 020	Octadecenoic acid, methyl ester (Z)	34.56	2078	3576
CTMP D 021	Octadecenoic acid, methyl ester (E)	34.67	2084	3586
CTMP D 022	Octadecanoic acid, methyl ester	35.14	2109	3622
CTMP D 023	Docosanoic acid, methyl ester	42.03	2511	4205
CTMP D 024	Unidentified (mw 380)	43.10	2580	4308
CTMP D 025	Unidentified (mw 380)	44.03	2640	4398

Table 3. Compounds present in municipal sewage treatment plant effluents.

BSA Number	Compound Identification	Retention Time (min.)	Kovats Index	PAH Index
STP A 001	Dipropyl disulphide	10.46	1082	
STP A 002	4-Acetyl morpholine	11.97	1133	
STP A 003	Alkyl disulphide (C7H16S2)	13.36	1181	2066
STP A 004	Alkyl disulphide (C8H18S2)	15.01	1238	2177
STP A 005	Dichlorobenzamine	16.25	1282	2260
STP A 006	Unidentified alkyl alcohol	16.50	1290	2277
STP A 007	Dipropyl trisulphide	16.60	1294	2283
STP A 008	Alkyl disulphide (C9H20S2)	17.07	1311	2315
STP A 009	Alkyl disulphide (C9H20S2)	17.47	1326	2342
STP A 010	Unidentified hydrocarbon	18.41	1361	2405
STP A 011	Subst. thiophene	19.10	1386	2451
STP A 012	Subst. thiophene(s), coeluting compounds	20.03	1422	2514
STP A 013	Pentadecane	22.00	1498	2646
STP A 014	Subst. thiophene	22.49	1518	2679
STP A 015	Alicyclic hydrocarbon	22.86	1534	2704
STP A 016	Subst. thiophene	22.91	1536	2707
STP A 017	Branched alkane	23.09	1543	2719
STP A 018	Subst. thiophene	23.32	1553	2735
STP A 019	Alicyclic alcohol	23.41	1556	2741
STP A 020	Alkyl alcohol	23.55	1562	2750
STP A 021	N,N-Dimethylbenzenesulphamide	24.35	1595	2804
STP A 022	Subst. thiophene	24.53	1602	2816
STP A 023	Phosphoric acid, tributyl ester	24.74	1613	2832
STP A 024	Alkyl polysulphide	25.07	1626	2852
STP A 025	Nonylphenol Isomer	26.26	1677	2932
STP A 026	Nonylphenol Isomer	26.51	1688	2949
STP A 027	Subst. thiophene	26.65	1694	2958
STP A 028	Nonylphenol Isomer	27.28	1723	3001
STP A 029	Dichloro hydrocarbon	27.41	1729	3011
STP A 030	Tetradecanoic acid	27.66	1740	3030
STP A 031	Branched alkane (C18H38)	28.03	1757	3060
STP A 032	Caffeine	28.10	1760	3066
STP A 033	Phthalate ester	29.18	1810	3151
STP A 034	C15:0 fatty acid	29.18	1810	3151
STP A 035	Phthalate ester	29.35	1818	3165
STP A 036	Unidentified diterpene	29.62	1831	3186
STP A 037	Pentadecanoic acid	29.78	1839	3199
STP A 038	Dibutylphthalate	31.25	1910	3315
STP A 039	Hexadecenoic acid	31.39	1916	3326
STP A 040	Branched alkane (C20H42)	31.65	1929	3346
STP A 041	Hexadecanoic acid	31.94	1943	3369

Table 3 continued. Compounds present in municipal sewage treatment plant effluents.

BSA Number	Compound Identification	Retention Time (min.)	Kovats Index	PAH Index
STP A 042	Sulphur S8	31.92	1942	3368
STP A 043	Hexadecanoic acid, ethyl ester	32.56	1975	3419
STP A 044	Eicosane (C20H42)	32.98	1996	3452
STP A 045	Heptadecanoic acid	33.78	2038	3515
STP A 046	Unidentified	33.42	2019	3487
STP A 047	Unidentified branched alkane	34.37	2068	3561
STP A 048	Heneicosane	34.90	2096	3604
STP A 049	Octadecenoic acid (Z)	35.17	2111	3625
STP A 050	Octadecenoic acid (E)	35.27	2116	3632
STP A 051	Octadecanoic acid	35.75	2143	3671
STP A 052	Octadecanoic acid, ethyl ester	36.33	2174	3717
STP A 053	Branched alkane (C22H46)	36.53	2185	3732
STP A 054	Docosane	36.73	2196	3749
STP A 055	Tricosene (C23H46)	38.10	2275	3857
STP A 056	Tricosane	38.49	2296	3887
STP A 057	Unidentified	38.86	2319	3917
STP A 058	Unidentified	38.93	2323	3923
STP A 059	Unidentified	39.09	2332	3935
STP A 060	Unidentified	39.32	2346	3954
STP A 061	2-Butoxyethanol phosphate (3:1)	39.57	2360	3973
STP A 062	Octadioic acid, dioctyl ester	39.68	2367	3982
STP A 063	Unidentified	39.81	2375	3992
STP A 064	Unidentified	40.03	2388	4012
STP A 065	Tetracosane	40.18	2396	4026
STP A 066	Diheptylphthalate	41.62	2485	4165
STP A 067	Bis(2-ethylhexyl)phthalate	41.84	2499	4186
STP A 068	Unidentified phthalate	43.50	2605	4347
STP A 069	Unidentified phthalate	44.64	2681	4457
STP A 070	Decadioic acid, bis(2-ethylhexyl)phthalate	45.98	2773	4587
STP A 071	Unidentified	46.21	2788	4608
STP A 072	Squalene	46.43	2803	4630
STP A 073	Unidentified phthalate	47.50	2879	4733
STP A 075	Koprostan-3-one (tentative)	50.10	3073	4984
STP A 077	Unidentified C29 triterpenoid	51.16	3155	
STP A 078	Cholest-5-en-3-ol(3. β .) (tentative)	51.66	3194	
STP A 079	Cholest-3-ene, (.5 α .)- (tentative)	54.43	3395	
STP A 080	Unidentified C27 triterpenoid	54.60	3405	
STP A 081	Cholesta-3,5-diene (tentative)	56.38		
STP B 001	Unidentified	37.81	2258	3834
STP C1 001	Unidentified phthalate ester	40.57	2421	4064

Table 3 continued. Compounds present in municipal sewage treatment plant effluents.

BSA Number	Compound Identification	Retention Time (min.)	Kovats Index	PAH Index
STP C 001	Unidentified substitute benzeneacetic acid, methyl ester	22.19	1506	2659
STP C 002	Octadecadienoic acid, methyl ester	34.38	2069	3562
STP C 004	Unidentified (mw 336)	38.15	2277	3861
STP C 005	Dehydroabietic acid, methyl ester	38.43	2293	3883
STP C 006	Unidentified	39.09	2332	3935
STP C 007	Unidentified	39.18	2337	3942
STP D 001	Benzoic acid, methyl ester	9.88	1062	
STP D 002	Unidentified	15.97	1272	2242
STP D 003	Unidentified	17.12	1313	2318
STP D 004	Unidentified chlorinated hydrocarbon	17.57	1329	2348
STP D 005	Unidentified methyl ester	17.69	1334	2357
STP D 006	Unidentified methyl ester	17.79	1338	2364
STP D 007	Unidentified methyl ester	17.87	1341	2369
STP D 008	Unidentified methyl ester	18.55	1366	2414
STP D 009	Fatty acid, methyl ester	19.22	1390	2459
STP D 010	Octandioic acid, dimethyl ester	19.72	1409	2493
STP D 011	Unidentified, (methyl ester 192)	20.20	1428	2525
STP D 012	Unidentified	21.14	1465	2588
STP D 013	Unidentified	21.87	1493	2637
STP D 014	Unidentified dichloromethyl ester	22.15	1504	2656
STP D 015	Dodecanoic acid, methyl ester	22.18	1506	2658
STP D 016	Nonandioic acid, dimethyl ester	22.29	1510	2666
STP D 017	Decandioic acid, methyl ester	24.73	1611	2829
STP D 018	Unidentified	26.28	1678	2934
STP D 019	Unidentified	26.82	1702	2970
STP D 020	Tetradecanoic acid, methyl ester	26.92	1706	2976
STP D 021	Pentadecanoic acid, methyl ester	29.11	1807	3146
STP D 022	Unidentified (Background)	30.80	1887	3279
STP D 023	Unidentified methyl ester, terpenoid	31.01	1897	3296
STP D 024	Hexadecanoic acid, methyl ester	31.22	1907	3312
STP D 025	2-Naphthaleneacetic acid, 6-methoxy, α -methyl methyl ester	32.36	1965	3403
STP D 026	Unidentified mw 292	32.86	1990	3442
STP D 027	Unidentified mw 292	33.00	1997	3453
STP D 028	Heptadecanoic acid, methyl ester	33.21	2008	3470
STP D 029	Unidentified (mw 294)	33.56	2026	3498
STP D 030	Octadecenoic acid, methyl ester	34.55	2078	3576
STP D 031	Octadecanoic acid, methyl ester	35.13	2109	3622
STP D 032	Unidentified	35.49	2128	3650
STP D 033	Nonadecanoic acid, methyl ester	36.96	2209	3766
STP D 034	Unidentified (mw 336)	37.53	2242	3812

Table 3 continued. Compounds present in municipal sewage treatment plant effluents.

BSA Number	Compound Identification	Retention Time (min.)	Kovats Index	PAH Index
STP D 035	Unidentified (mw 336)	37.85	2260	3837
STP D 036	Unidentified (mw 336)	37.94	2265	3844
STP D 037	Eicosanoic acid, methyl ester	38.72	2310	3906
STP D 038	Unidentified (mw 352)	39.75	2371	3988
STP D 039	Heneicosanoic acid, methyl ester	40.41	2410	4048
STP D 040	Unidentified mw 352	41.11	2454	4116
STP D 041	Unidentified mw 352	41.40	2472	4144
STP D 042	Unidentified triterpene methyl ester	41.47	2476	4151
STP D 043	Docosanoic acid, methyl ester	42.04	2512	4206
STP D 044	Unidentified mw 380	42.63	2549	4263
STP D 045	Unidentified mw 380	43.00	2573	4298
STP D 046	Unidentified mw 380	43.12	2581	4311
STP D 047	Tricosanoic acid, methyl ester	43.59	2612	4356
STP D 048	Unidentified mw 380	43.59	2612	4356
STP D 049	Unidentified mw 380	43.68	2617	4364
STP D 050	Unidentified mw 380	44.26	2655	4420
STP D 051	Unidentified mw 380	44.45	2669	4439
STP D 052	Tetracosanoic acid, methyl ester	45.11	2712	4502
STP D 053	Pentacosanoic acid, methyl ester	46.56	2813	4643
STP D 054	Unidentified triterpenoid acid ester	46.73	2825	4659
STP D 055	Hexacosanoic acid	47.96	2913	4778
STP D 056	Heptacosanoic acid	49.32	3014	4910
STP D 057	Octacosanoic acid	50.65	3115	

Table 4. Microtox® toxicity of effluent extracts and fractions.

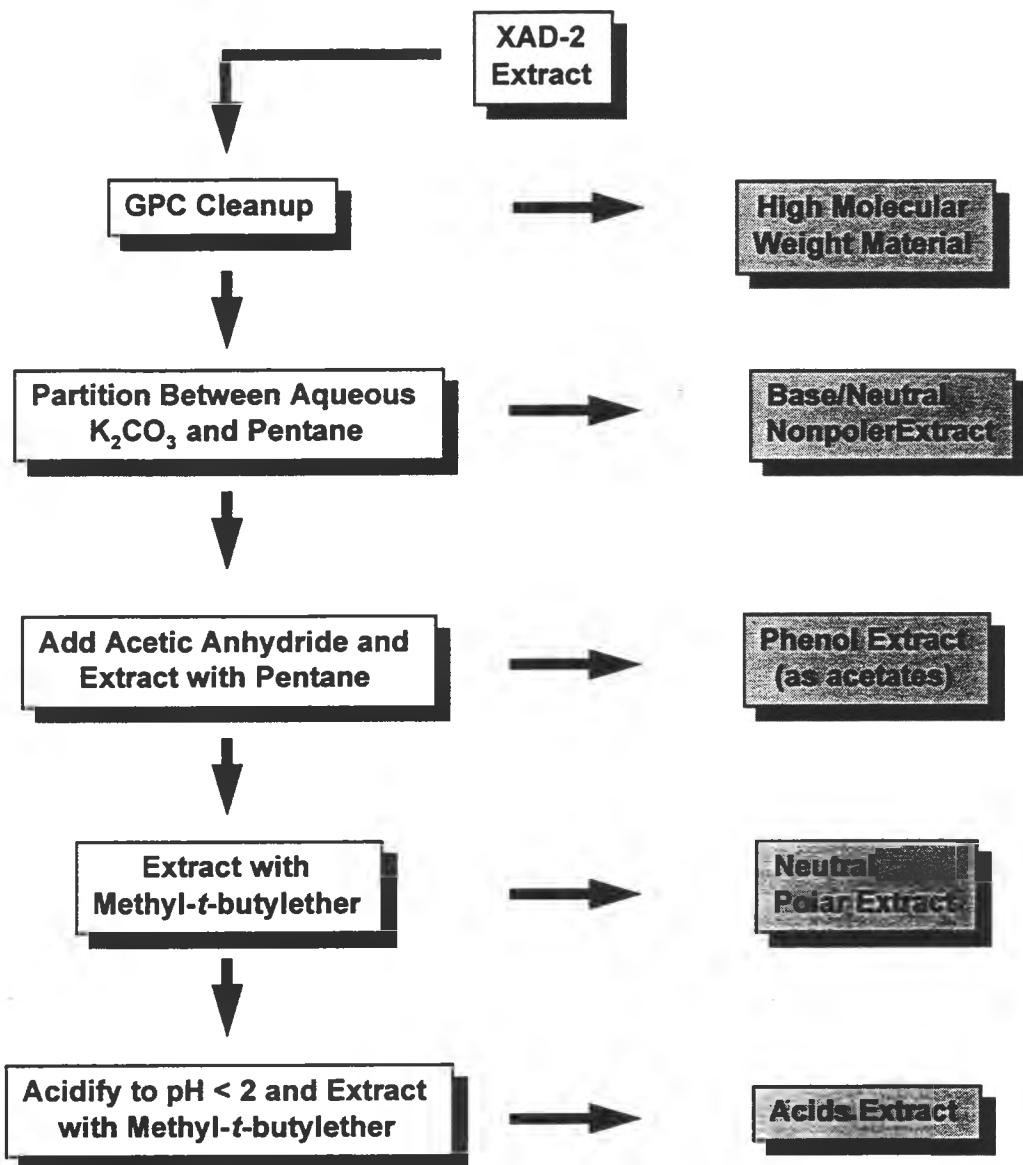
Effluent	LMW ¹ Fraction	Extract Fraction			Cumulative Toxicity ²	
		A	B	C	D	
Bleached Kraft Pulp Mill Effluents						
Alberta Pacific-Grasslands	5	90	nt ³	nt	nt	90
Diashowa-Peace River	8	nt	nt	nt	nt	
Weldwood-Hinton	61	nt	63	nt	nt	63
Weyerhaeuser-Grande Prairie	8	189	nt	nt	nt	189
Chemithermomechanical Pulp Mill Effluents						
Alberta Newsprint Co.-Whitecourt	69	224	49	243	168	29
Millar Western-Whitecourt	12	596	109	175	85	35
Slave Lake Pulp-Slave Lake	17	233	nt	415	44	34
Municipal Sewage Treatment Plants						
Town of Athabasca	2	na ⁴	na	na	66	na
Fort McMurray	72	327	287	na	135	72
Grande Prairie	10	146	nt	48	227	31
Whitecourt	8	26	80	186	72	14
Other Industrial Effluents						
Suncor Process Effluent	15	nt	17	26	60	9

¹ Low molecular weight fraction.

² The inverse of the sum of inverses of the toxicity of individual fractions.

³ No toxicity.

⁴ Not analyzed



Scheme 1. Extraction/fractionation flowchart for broad spectrum analysis.

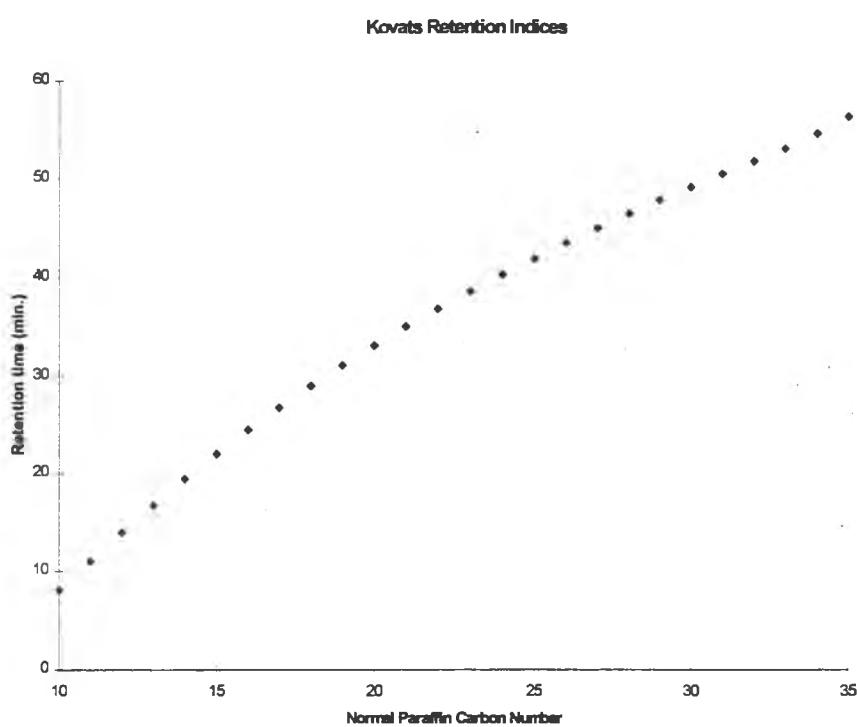


Figure 1. A plot of *n*-alkane (C10-C35) retention times by carbon number for calculation of Kovats indices.

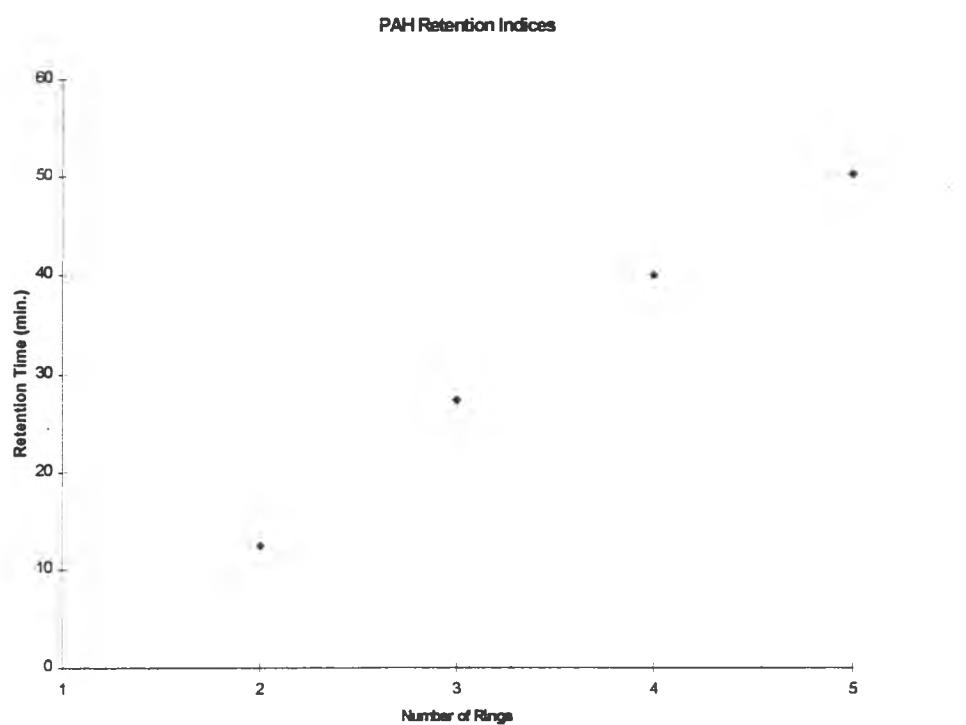


Figure 2. A plot of PAH (naphthalene, phenanthrene, chrysene and dibenzol [a,h]anthracene) retention times by ring number for calculation of PAH retention indices.

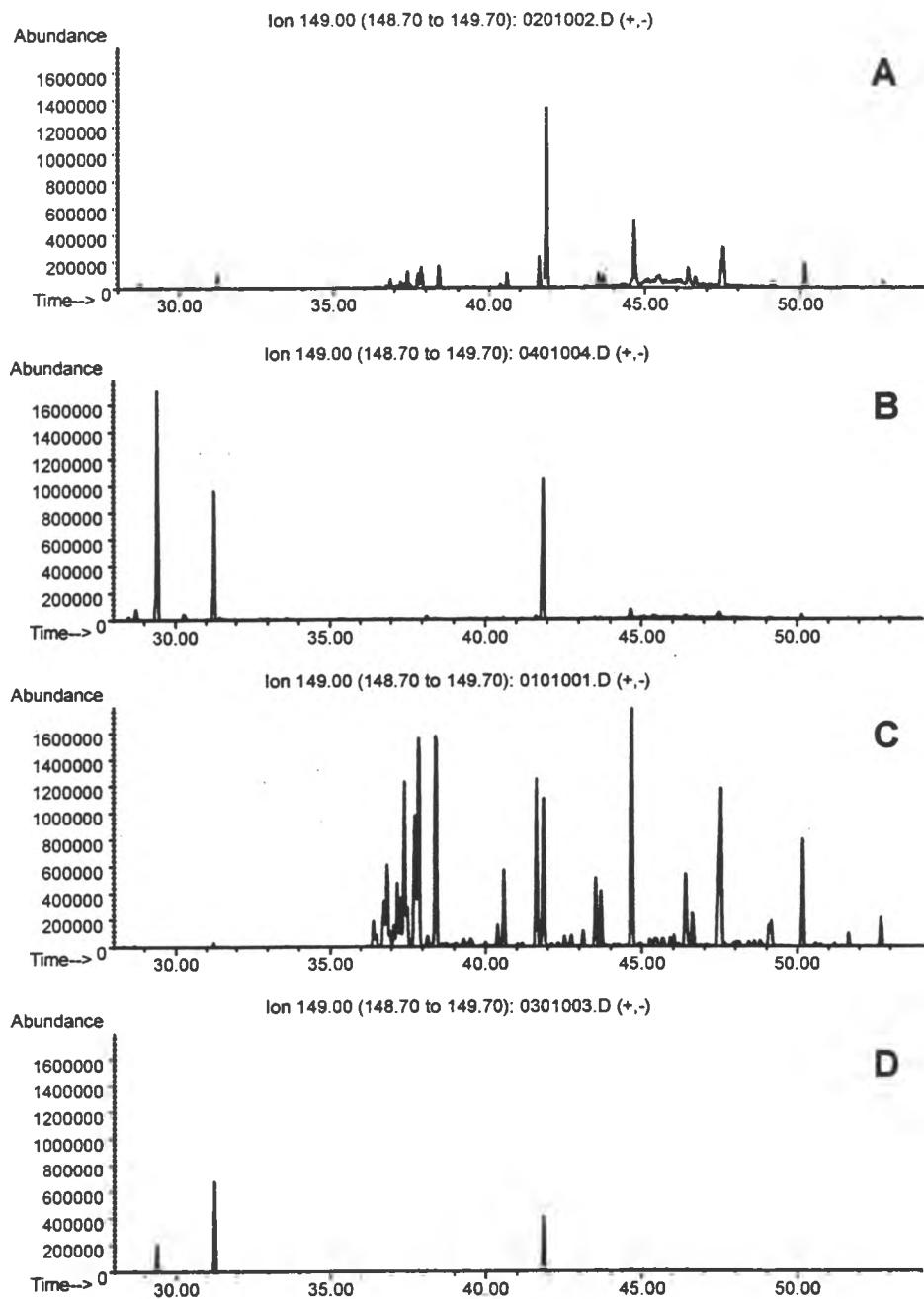


Figure 3. Characteristic traces of phthalate ester in the A fraction of BKMEs from A. AlPac-Grasslands, B. Diashowa-Peace River, C. Weldwood-Hinton, and D. Weyerhaeuser-Grande Prairie.

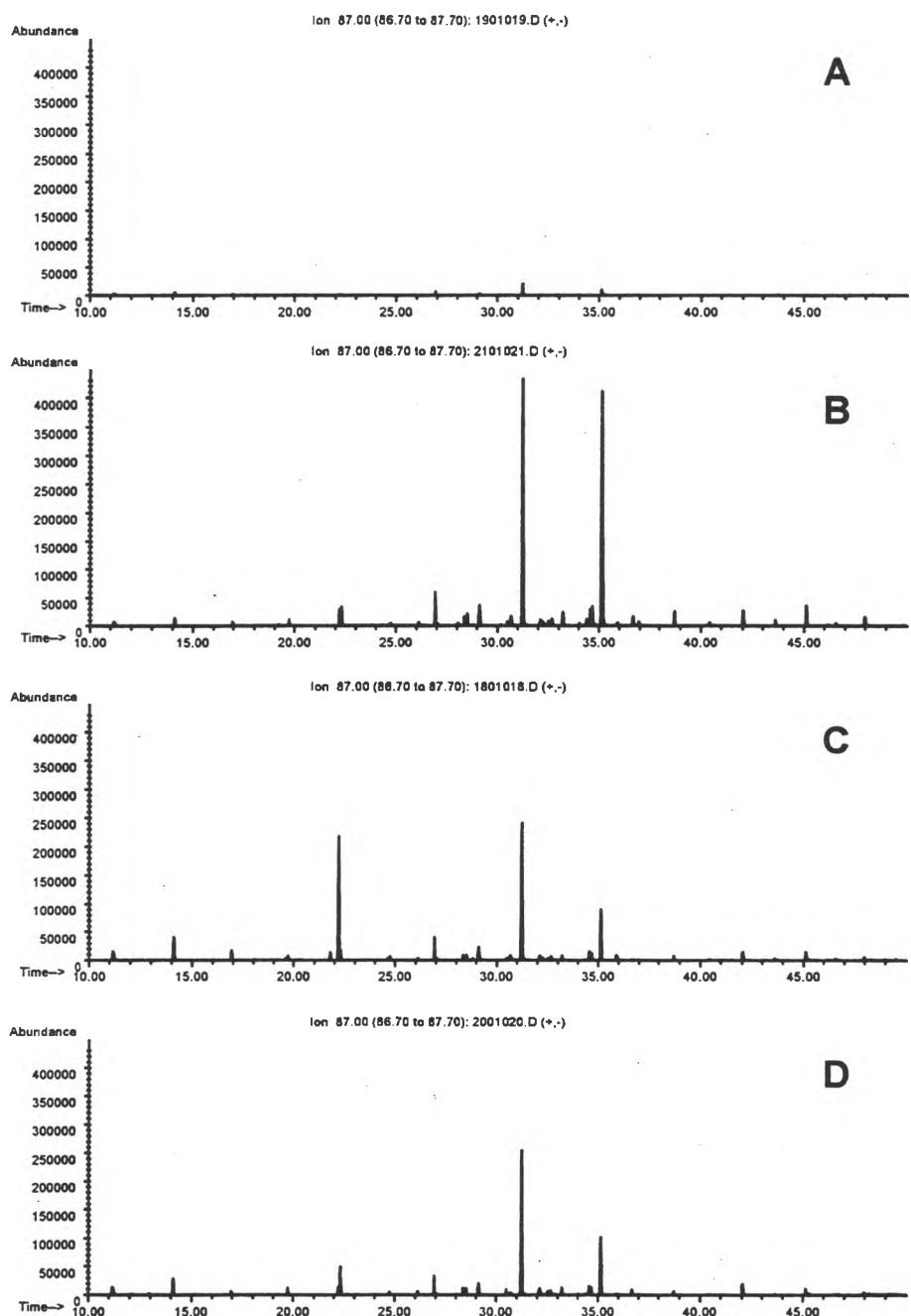


Figure 4. Characteristic traces of mono- and dicarboxylic acids as methyl esters in the D fraction of BKMEs from A. AIPac-Grasslands, B. Diashowa-Peace River, C. Weldwood-Hinton, and D. Weyerhaeuser-Grande Prairie.

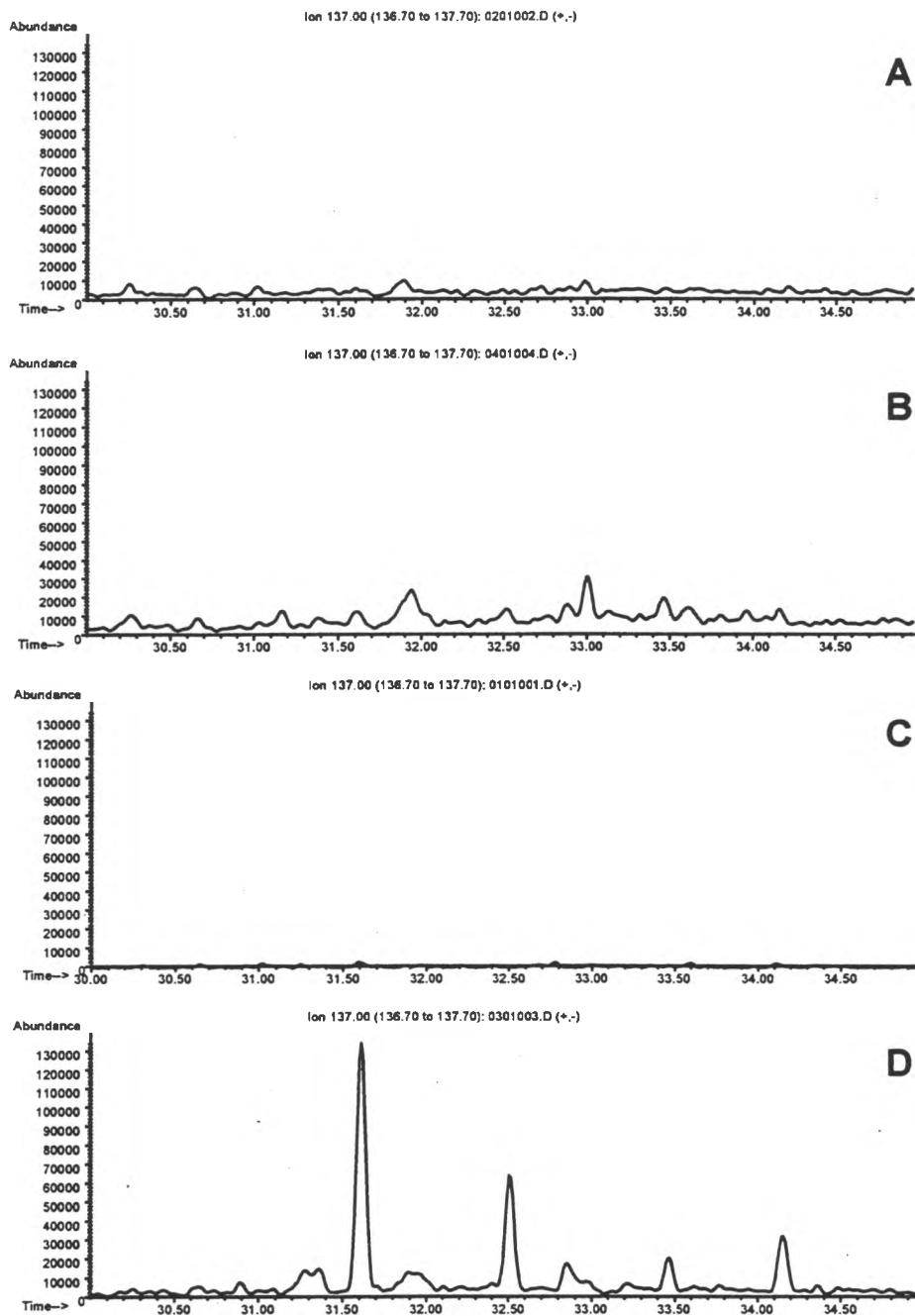


Figure 5. Characteristic traces of diterpenes in the A fraction of BKMEs from A. AlPac-Grasslands, B. Diashowa-Peace River, C. Weldwood-Hinton, and D. Weyerhaeuser-Grande Prairie.

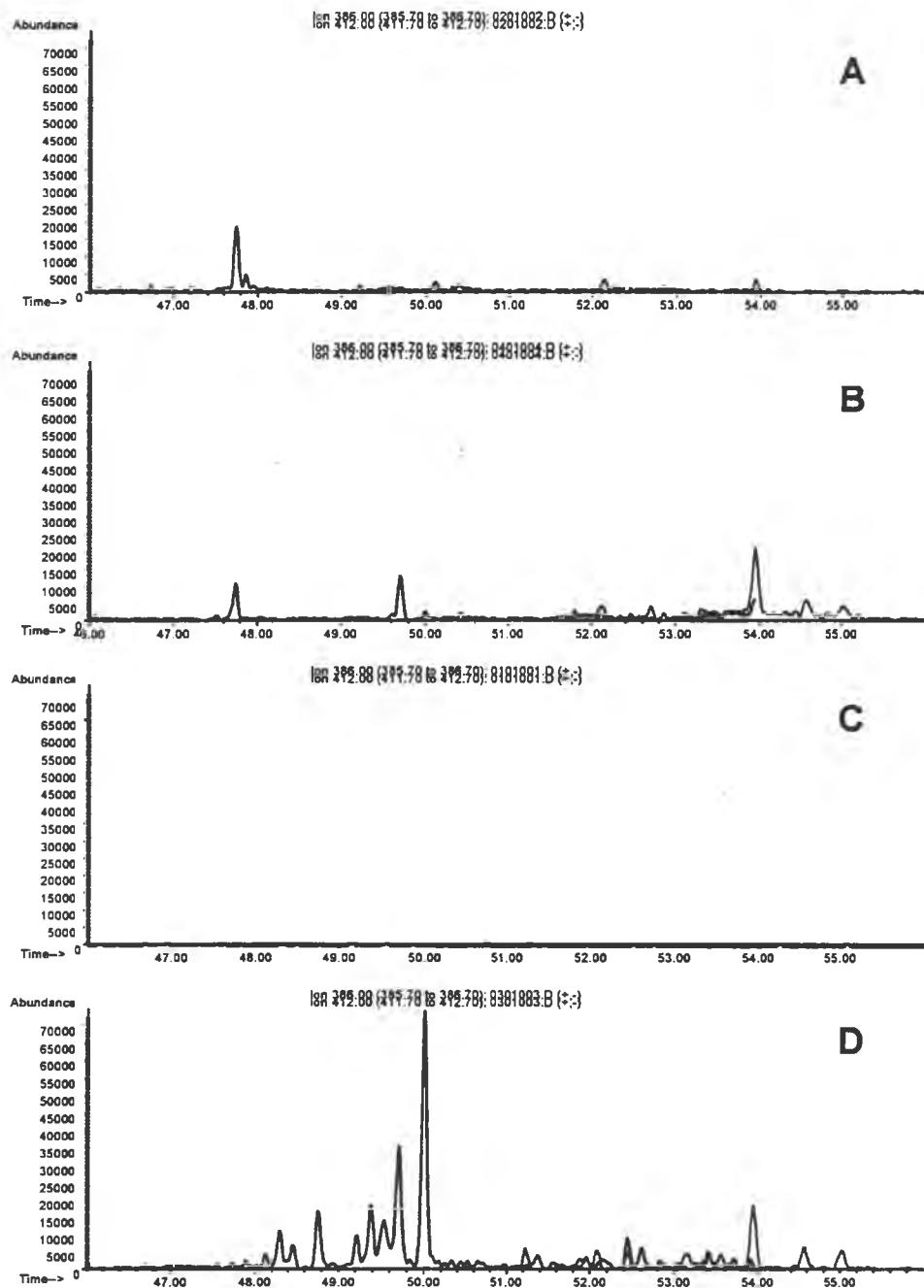


Figure 6. Characteristic traces of triterpenoids in the A fraction of BKMEs from A. AlPac-Grasslands, B. Diashowa-Peace River, C. Weldwood-Hinton, and D. Weyerhaeuser-GrandePrairie.

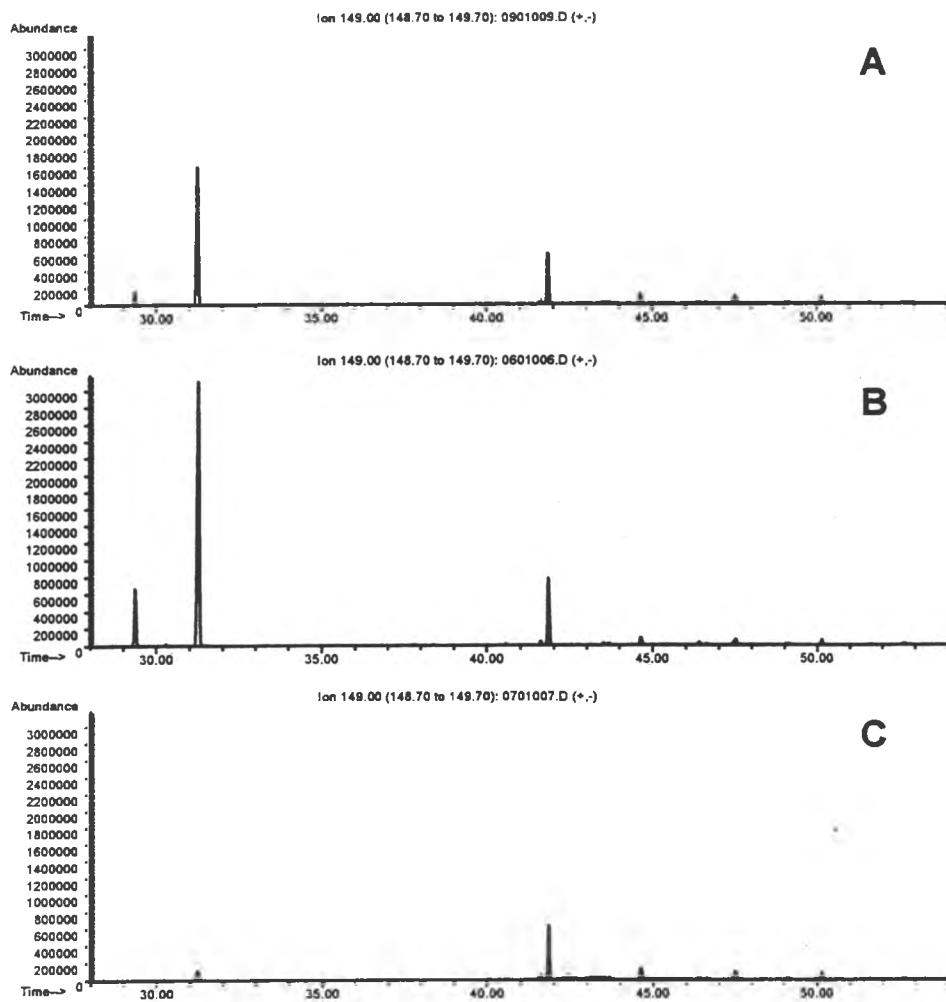


Figure 7. Characteristic traces of phthalate esters in A fraction of CTMP effluents from A. Alberta Newsprint Company-Whitecourt, B. Millar Western-Whitecourt, and C. Slave Lake Pulp-Slave Lake.

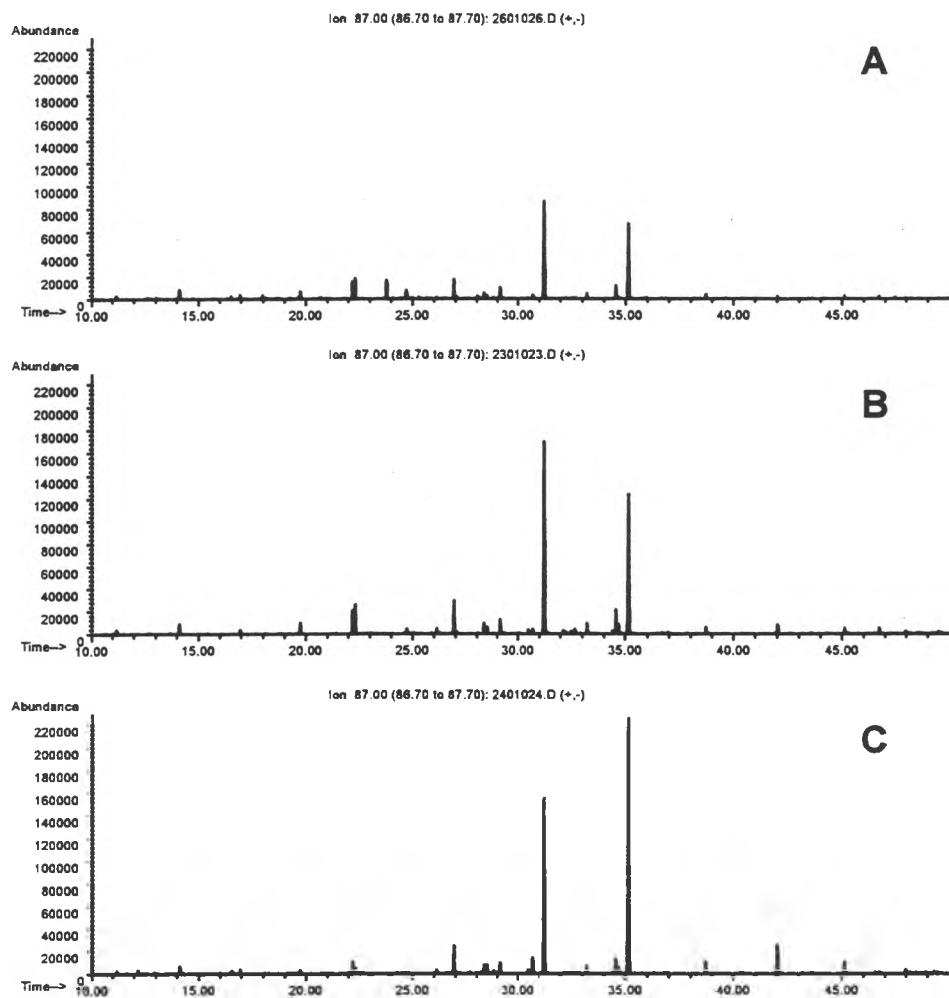


Figure 8. Characteristic traces of mono- and dicarboxylic acids as methyl esters in the D fraction of CTMP effluents from A. Alberta Newsprint Company-Whitecourt, B. Millar Western-Whitecourt, and C. Slave Lake Pulp-Slave Lake.

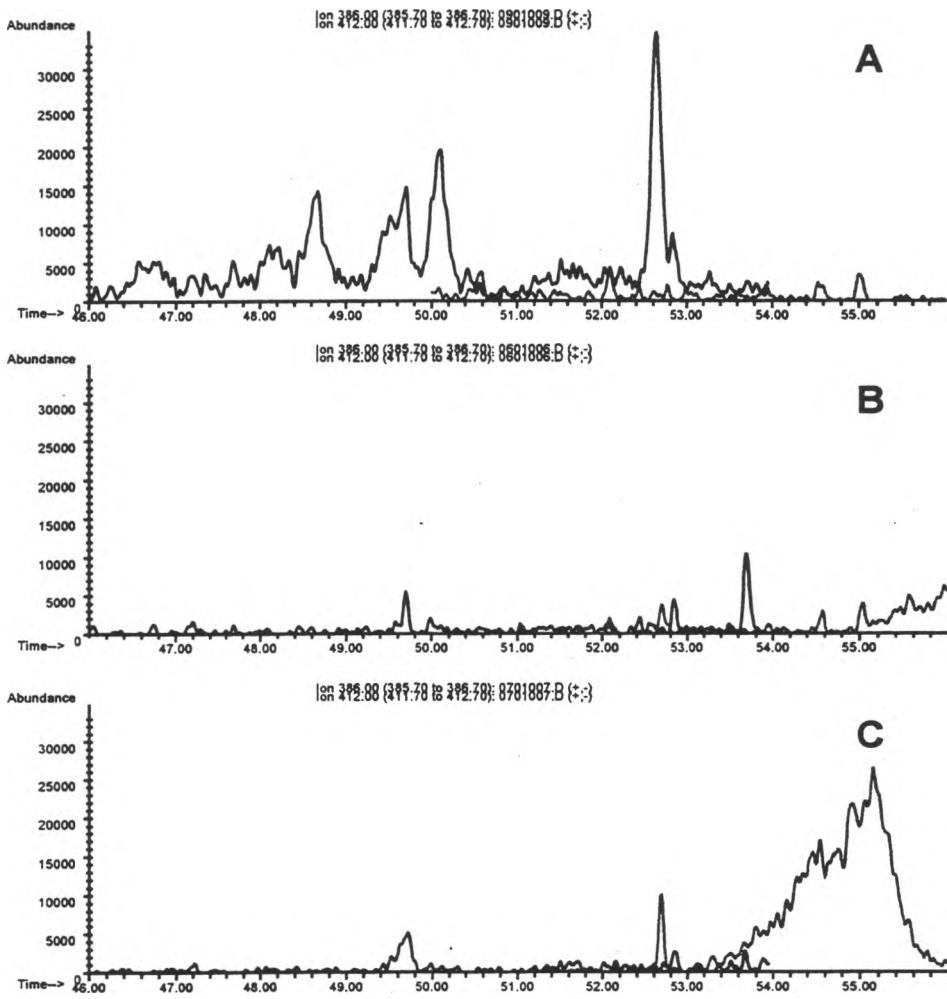


Figure 9. Characteristic traces of triterpenoids in the A fraction of CTMP effluents from A. Alberta Newsprint Company-Whitecourt, B. Millar Western-Whitecourt, and C. Slave Lake Pulp-Slave Lake.

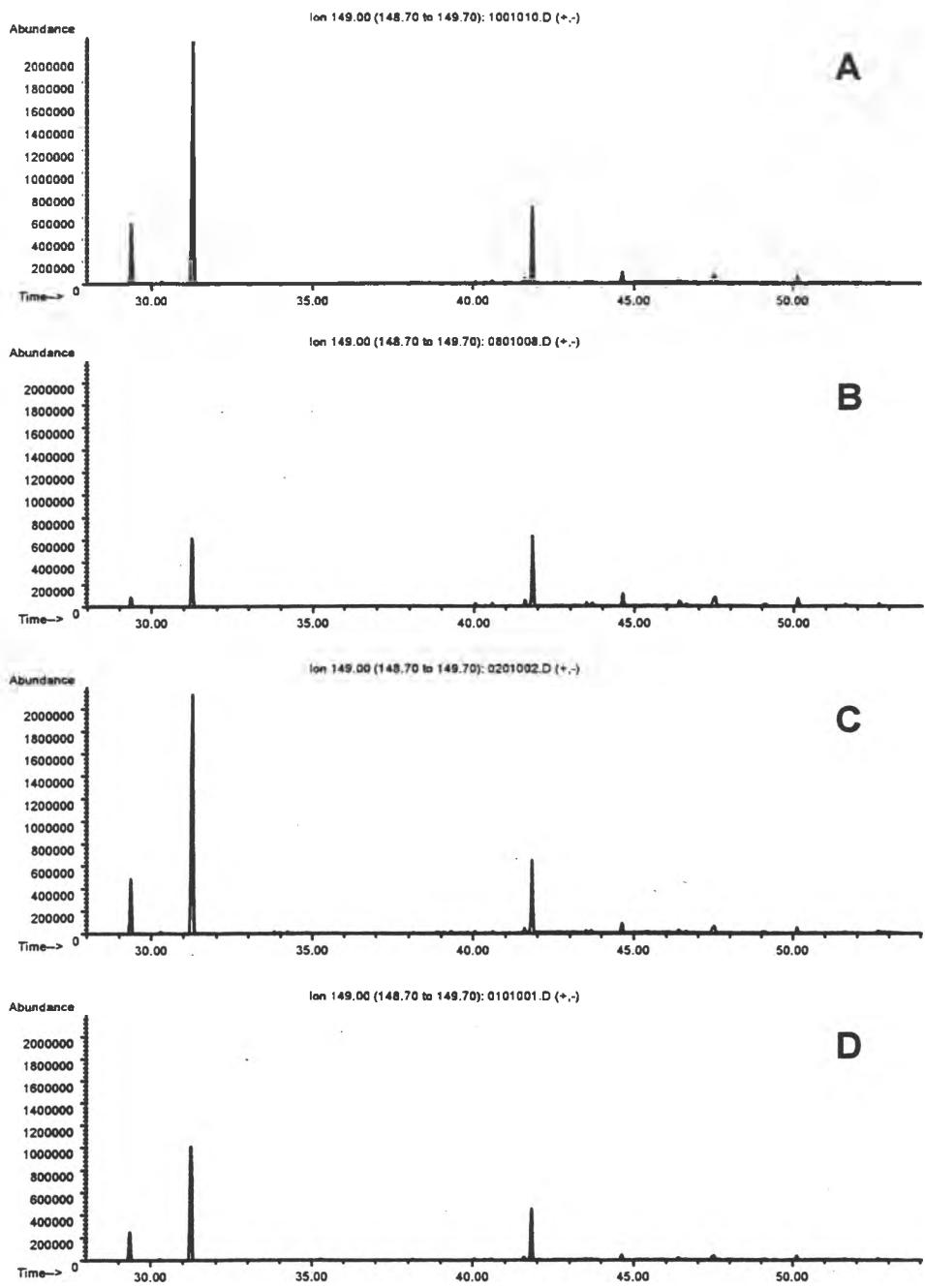


Figure 10. Characteristic traces of phthalate esters in the A fraction of municipal STP effluents from A. Athabasca, B. Fort McMurray, C. Grande Prairie and D. Whitecourt.

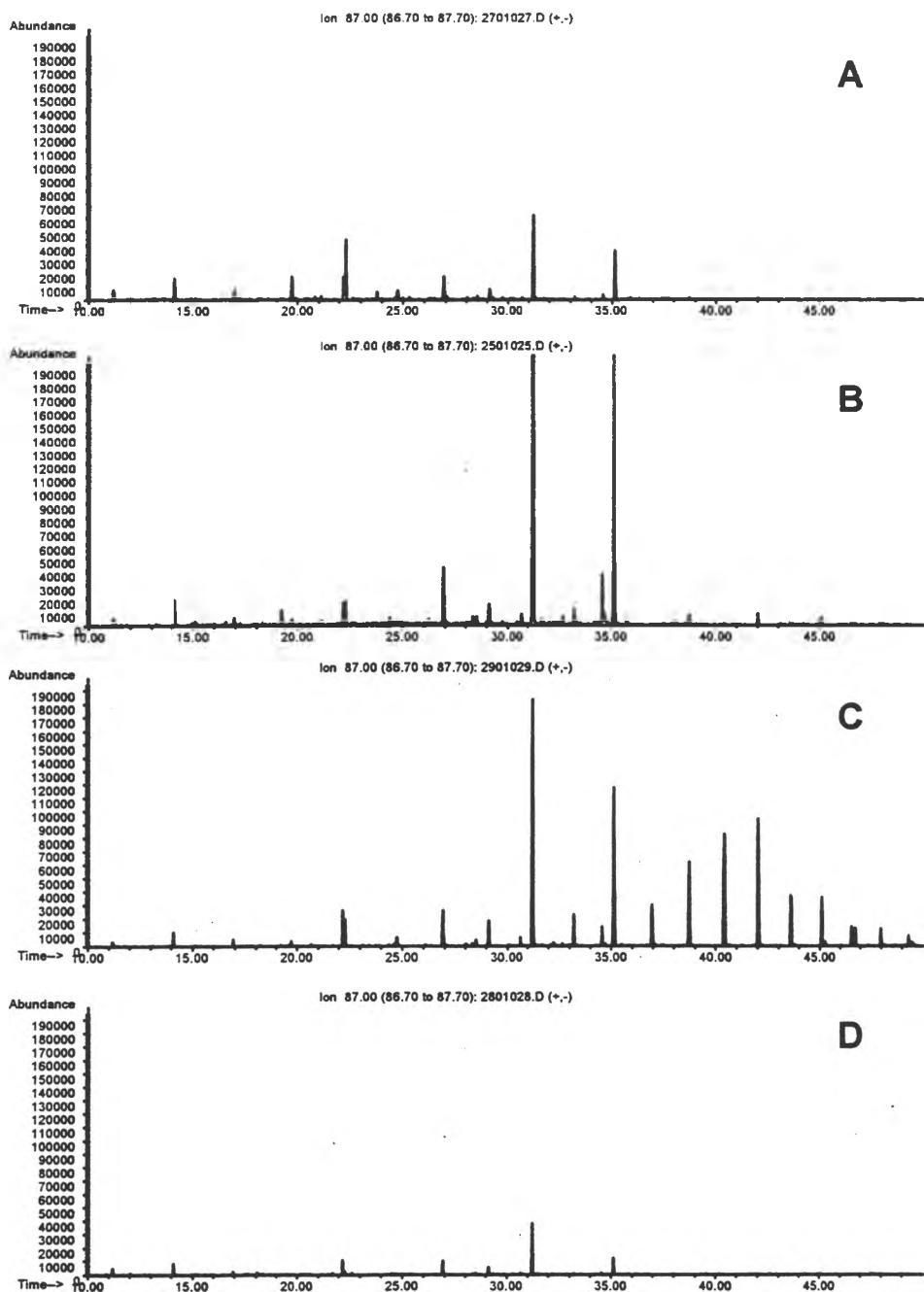


Figure 11. Characteristic traces of mono- and dicarboxylic acids as methyl esters in the D fraction of municipal STP effluents from A. Athabasca, B. Fort McMurray, C. Grande Prairie and D. Whitecourt.

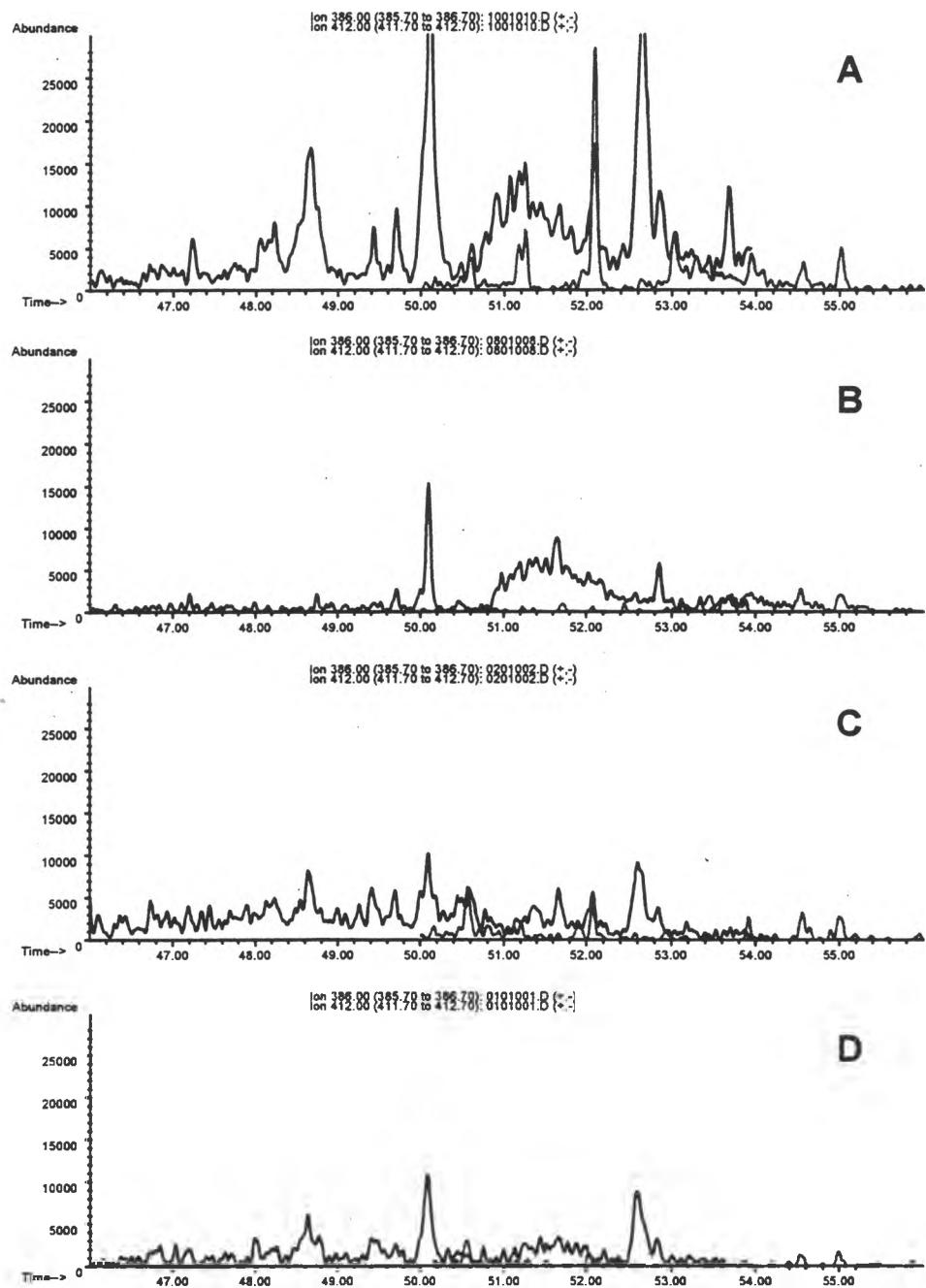


Figure 12. Characteristic traces of triterpenoids in the A fraction of municipal STP effluents from A. Athabasca, B. Fort McMurray, C. Grande Prairie and D. Whitecourt.

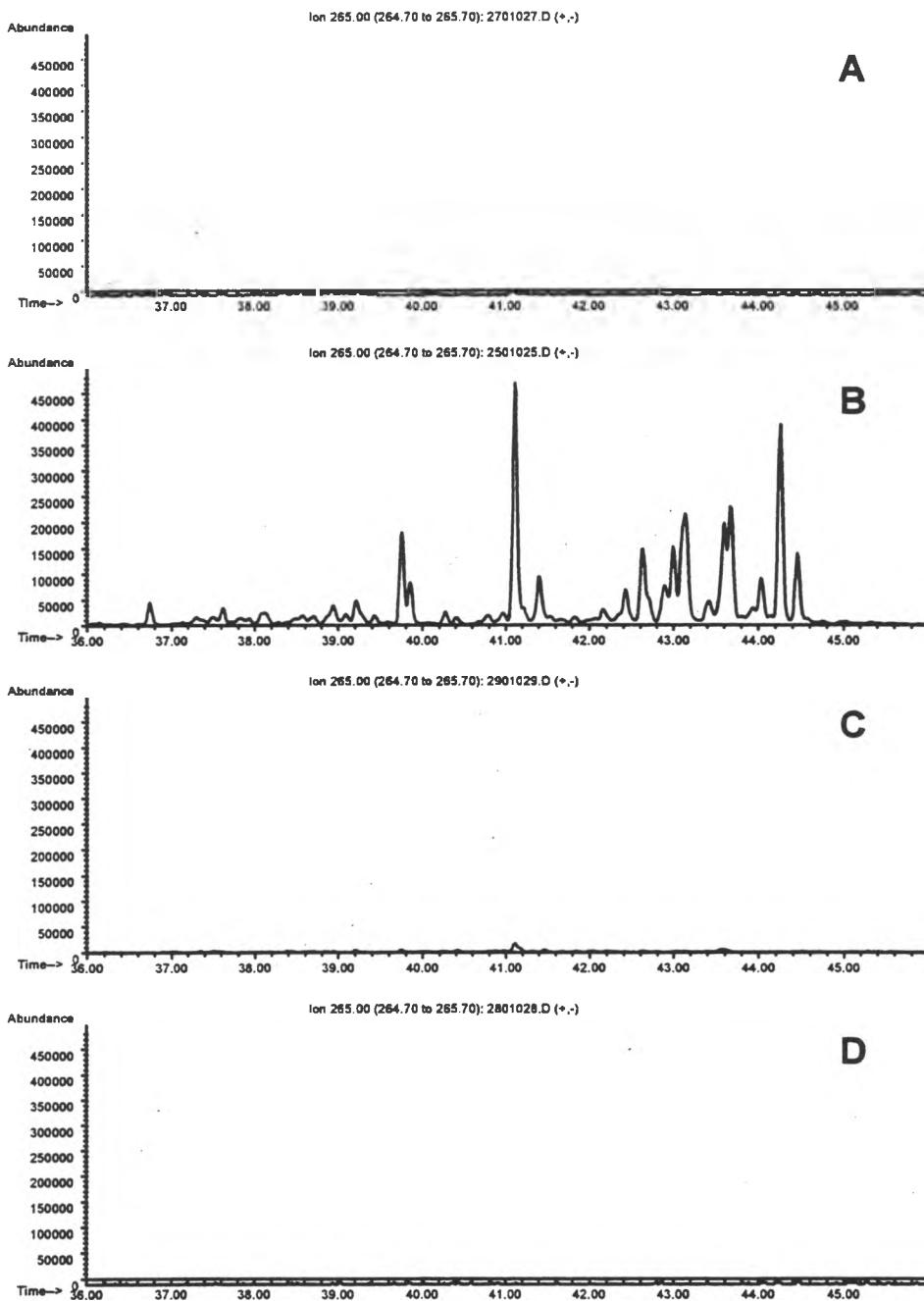


Figure 13. Characteristic traces of unidentified acids as methyl esters in the D fraction of municipal STP effluents from A. Athabasca, B. Fort McMurray, C. Grande Prairie and D. Whitecourt.

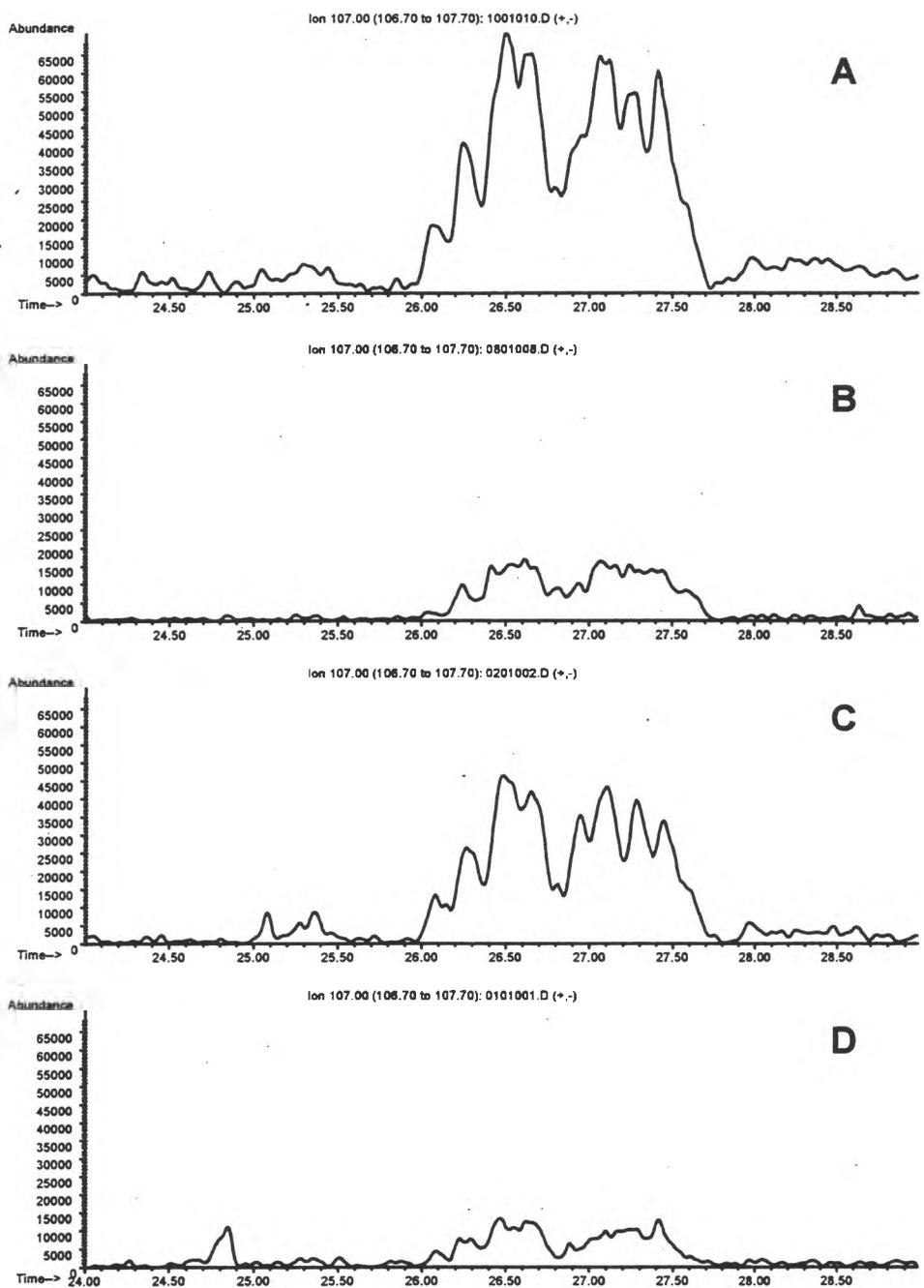


Figure 14. Characteristic traces of nonylphenols in the A fraction of municipal STP effluents from A. Athabasca, B. Fort McMurray, C. Grande Prairie and D. Whitecourt.

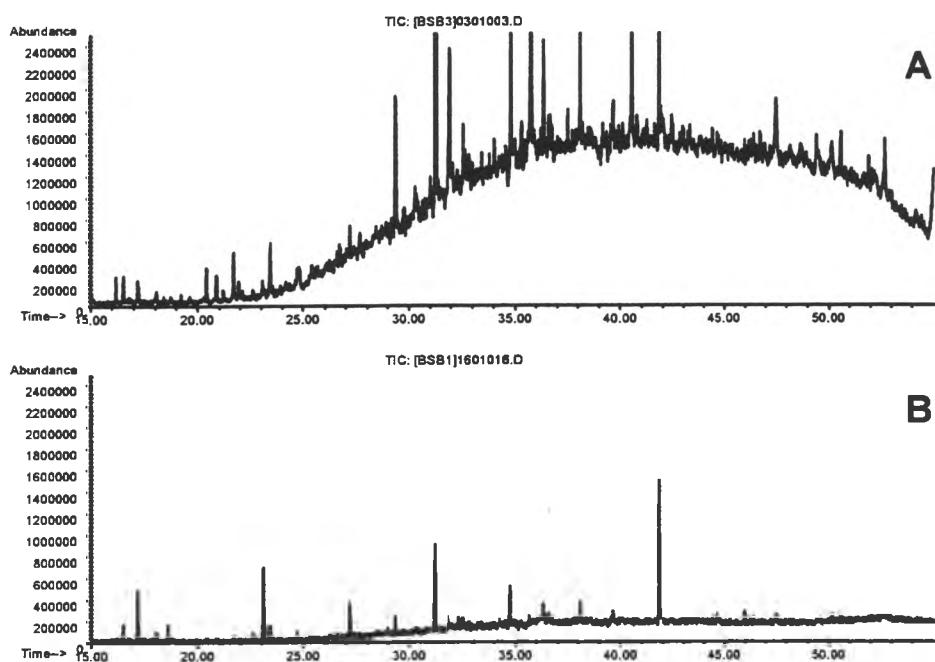


Figure 15. A The total ion chromatograms of A fraction of the Suncor process effluent with blank contributions removed B. The total ion chromatograms of B fraction of the Suncor process effluent with blank contributions removed.

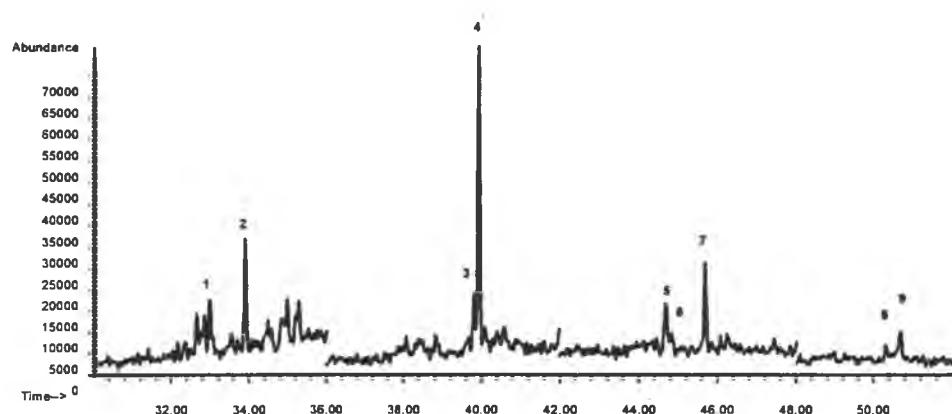


Figure 16. Merged extracted ion chromatograms of the A fraction of the Suncor process effluent showing 1.fluoranthene, 2. pyrene, 3. benzo[a]anthracene, 4. chrysene, 5. benzo[b]fluoranthene, 6. benzo[k]fluoranthene, 7. benzo[e]pyrene, 8. dibenzo[a,h]anthracene and 9. picene.

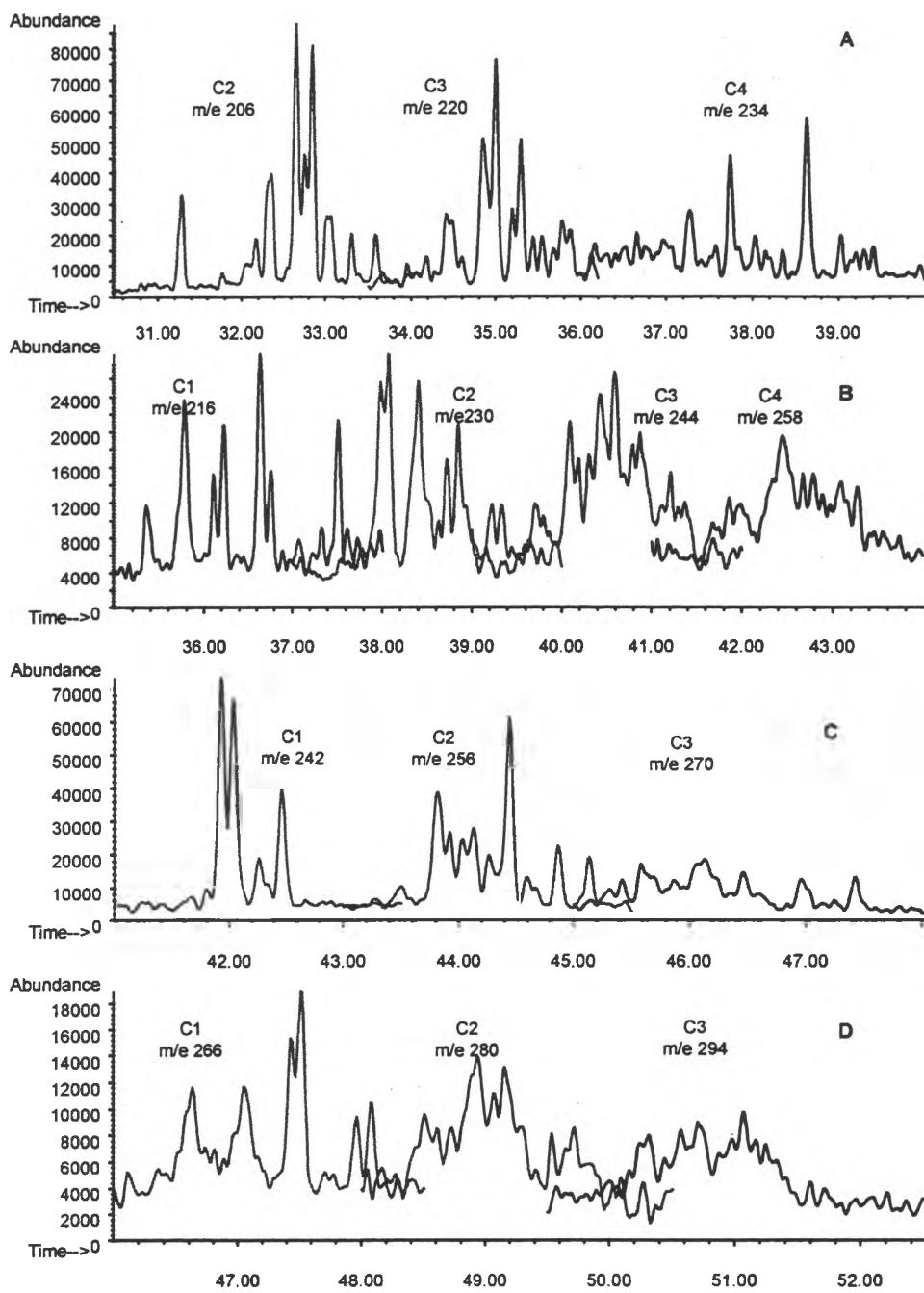


Figure 17. Merged extracted ion chromatograms of the molecular ion of alkylated PAHs in the A fraction of the Suncor process effluent: A. alkylated phenanthrene and anthracene, B. alkylated fluoranthene and pyrene, C. alkylated benzoanthracenes and chrysenes, and D. alkylated benzofluoranthenes and benzopyrenes.

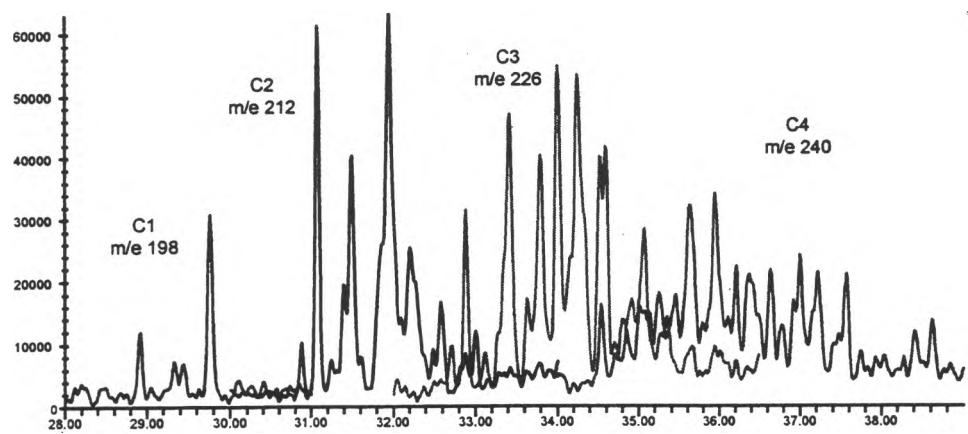


Figure 18. Extracted ion chromatograms of the molecular ions of alkylated dibenzothiophenes in the A fraction of the Suncor process effluent.

APPENDIX A: BROAD SPECTRUM ANALYSIS OF MUNICIPAL AND INDUSTRIAL EFFLUENT DISCHARGED INTO THE PEACE, ATHABASCA AND SLAVE RIVER BASINS - DATABASE FILES

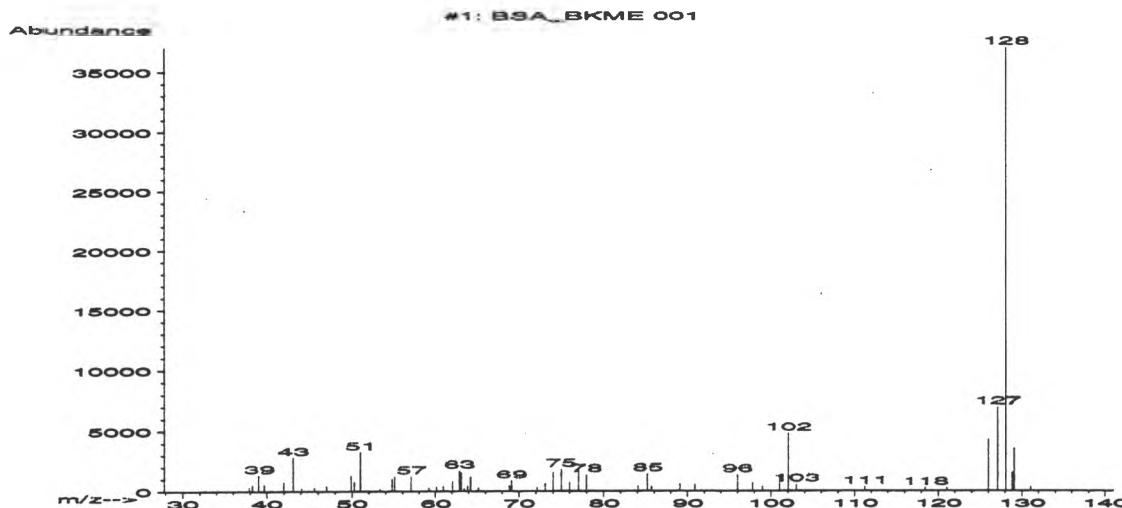
This report was split into three separate project reports; namely, Northern River Basins Study (NRBS) Project Report No's 138, 121 and 111. An electronic copy of these three reports and their appendices (where electronic copies exist) are contained on the three disks provided in NRBS Project Report No. 138. This information is being provided to facilitate use by researchers. Users are encouraged to contact the authors of these reports for additional background information.

There is no warranty expressed or implied for the use of this database; the Northern River Basins Study does not guarantee the accuracy of the data. The NRBS does not assume any liability for actions or consequences resulting from the use of the data; individuals using this data do so entirely at their own risk. The NRBS will not update the data except as deemed necessary for its own purpose.

APPENDIX 1

MASS SPECTRA OF COMPOUNDS IN BLEACHED KRAFT PULP MILL EFFLUENTS

BSA_BKME 001



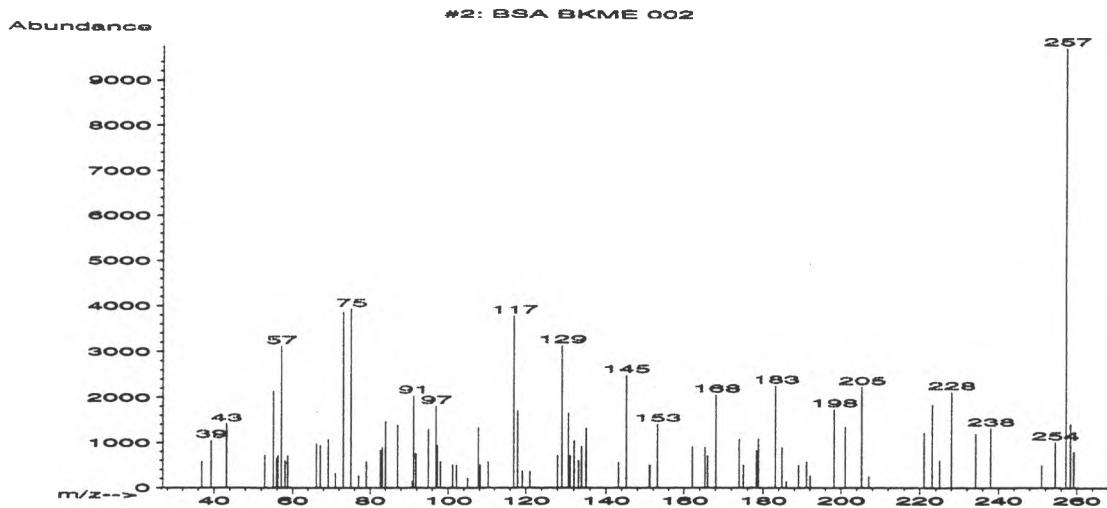
#1: BSA_BKME 001
Full Spectrum # 1 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.90	315	51.00	3237	63.50	214	77.05	1765
38.30	507	53.30	183	63.90	395	77.95	1378
39.05	1330	54.75	1026	64.25	1171	84.10	411
39.70	526	55.05	1216	65.15	273	85.20	1430
42.00	755	57.05	1242	68.85	441	85.70	332
43.10	2817	59.25	274	69.10	861	89.10	577
44.05	241	60.15	354	72.15	288	90.85	546
45.60	301	60.95	406	73.10	647	96.00	1347
47.00	414	62.05	835	74.00	1560	97.80	660
49.90	1293	62.90	1700	75.00	1820	99.00	381
50.25	770	63.15	1535	76.00	680	101.00	1179

#1: BSA_BKME 001
Full Spectrum # 1 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
102.05	4768	131.05	304				
103.00	542						
111.25	341						
118.45	257						
119.20	46						
121.05	255						
126.00	4280						
127.10	6950						
128.10	37016						
128.85	1536						
129.10	3547						

BSA BKME 002



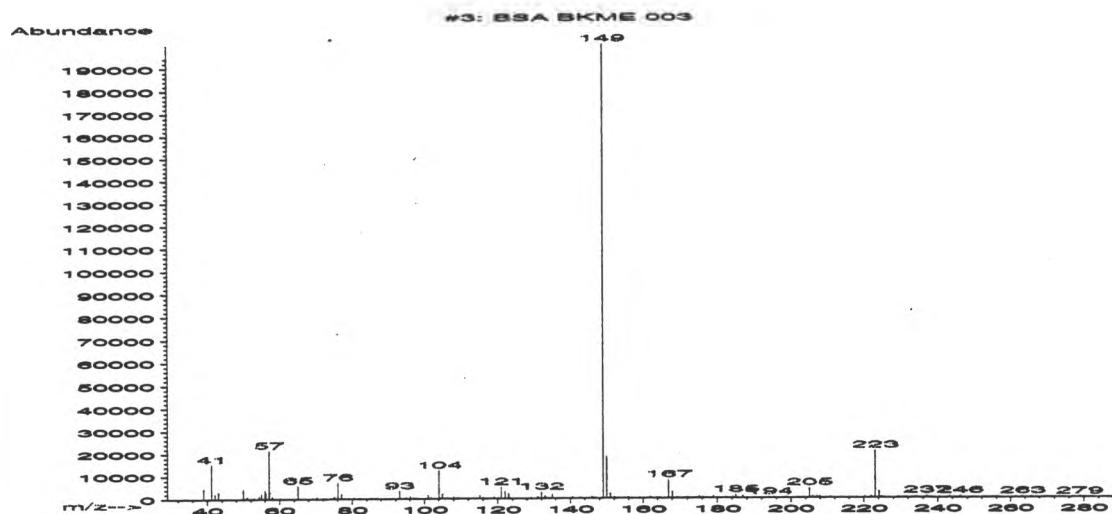
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Full Spectrum # 2 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.90	578	67.20	938	90.90	147	108.20	506
39.25	1051	69.20	1077	91.20	2039	110.30	575
43.10	1417	71.05	318	91.80	761	116.90	3788
52.85	731	73.10	3860	94.95	1299	117.85	1715
55.00	2144	75.05	3932	96.90	1815	119.10	376
55.85	649	77.00	270	97.20	945	121.05	368
56.15	714	79.00	590	98.00	580	127.95	712
57.05	3115	82.70	838	101.10	519	129.00	3132
58.05	595	83.20	903	102.10	508	130.65	1662
58.75	709	84.00	1471	104.90	212	131.05	711
66.15	979	87.10	1389	107.70	1331	132.05	1051

#2: BSA BKME 002
Full Spectrum # 2 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
133.15	606	168.10	2061	192.15	258	251.05	501
133.85	920	173.90	1082	198.15	1744	254.45	1017
135.05	1317	175.00	511	201.10	1345	257.20	9746
143.15	569	177.00	26	205.25	2233	258.30	1412
145.10	2485	178.25	828	207.05	248	259.15	801
150.90	509	178.75	1095	221.10	1220		
151.20	500	183.10	2261	223.10	1843		
153.10	1415	184.85	893	225.00	608		
162.10	920	186.00	131	228.00	2122		
165.30	901	189.05	501	234.10	1200		
165.95	700	191.10	579	238.00	1324		

BSA BKME 003



#3: BSA BKME 003

Full Spectrum # 3 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	4604	54.35	1189	70.30	783	80.40	562
40.25	299	55.05	2179	71.75	236	82.15	91
41.15	15267	56.00	3777	72.35	523	84.15	40
42.10	2052	56.25	2838	73.05	323	85.10	204
43.05	3150	57.10	21408	74.05	204	86.75	133
44.05	114	58.00	933	74.85	853	93.05	3484
49.95	4204	60.10	473	75.20	821	93.85	177
50.75	337	63.05	249	76.10	7159	95.05	578
51.05	949	65.00	5806	77.05	2083	96.15	1072
51.95	293	67.00	22	77.70	72	97.10	507
52.85	567	69.00	75	79.00	203	98.00	306

#3: BSA BKME 003

Full Spectrum # 3 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
101.05	1580	116.00	487	133.00	1164	153.20	257
101.80	372	117.10	116	133.45	268	155.00	122
104.05	12431	119.05	628	135.00	1787	155.90	536
105.05	2090	119.95	270	140.65	575	159.10	452
106.10	456	120.25	200	142.65	217	159.90	316
108.15	687	121.00	5226	146.05	644	161.10	206
109.00	436	122.05	3186	147.00	157	162.00	691
110.15	116	122.95	2159	149.00	200000	162.80	227
112.30	333	129.10	339	150.00	18456	164.00	371
113.00	30	130.95	699	150.95	2074	164.70	380
115.15	1438	132.00	2833	152.10	482	167.00	8189

#3: BSA BKME 003

Full Spectrum # 3 from F:\BSA_BKME.L

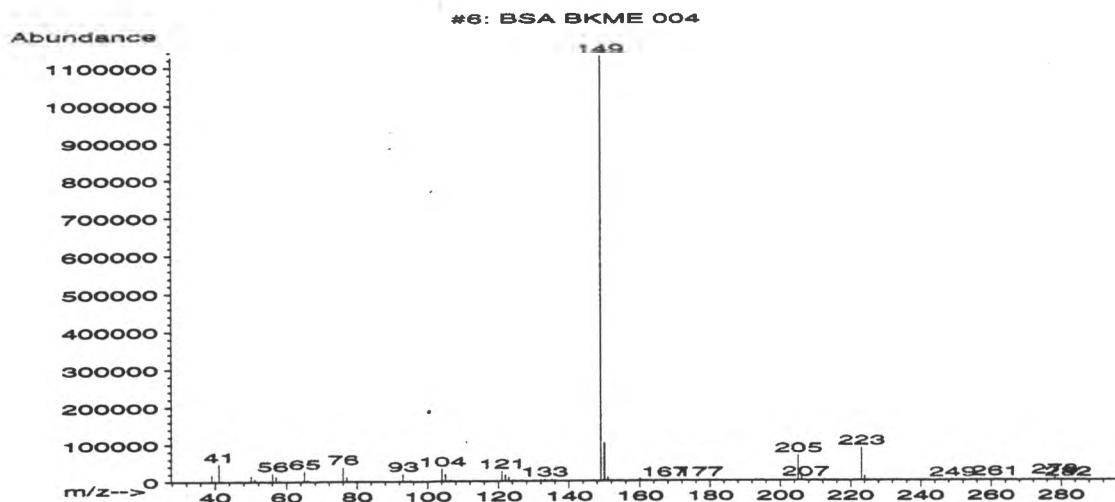
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
168.05	2826	183.00	166	205.10	4423	223.10	20848
169.20	449	184.15	406	205.95	819	224.15	2879
171.10	411	185.00	1496	207.10	826	224.90	489
172.10	556	186.90	1025	207.95	643	229.30	413
174.20	212	188.05	70	210.15	156	230.70	305
175.20	867	193.15	98	210.70	526	231.20	212
176.10	494	194.15	277	214.10	430	233.80	458
177.10	284	195.15	95	216.30	207	234.30	239
179.00	949	199.10	261	218.15	100	236.90	13
180.15	339	202.90	160	220.30	642	237.05	846
182.20	499	203.85	291	222.10	872	243.20	842

#3: BSA BKME 003

Full Spectrum # 3 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
244.95	100	266.95	295				
246.05	743	278.80	268				
249.15	280						
250.05	142						
252.65	231						
255.05	234						
256.05	297						
261.25	202						
263.25	435						
264.20	101						
265.75	208						

BSA BKME 004



#6: BSA BKME 004

Full Spectrum # 6 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.70	417	55.05	1469	75.05	2005	98.60	371
39.10	17792	56.10	21760	76.05	38736	104.05	33264
40.00	858	57.10	14028	77.10	12401	105.05	18736
41.10	46776	58.10	1511	78.05	486	106.10	2556
42.05	1633	58.45	624	79.05	494	106.80	818
47.00	438	63.05	1236	80.10	1122	111.10	1276
47.50	626	65.05	27184	81.15	91	118.15	503
50.05	15836	66.05	4235	91.95	2457	118.75	372
51.00	6231	67.75	372	93.05	20040	121.00	26400
53.05	2495	70.05	402	94.00	2173	122.00	16480
54.10	151	73.20	589	95.10	2942	123.00	9269

#6: BSA BKME 004

Full Spectrum # 6 from F:\BSA_BKME.L

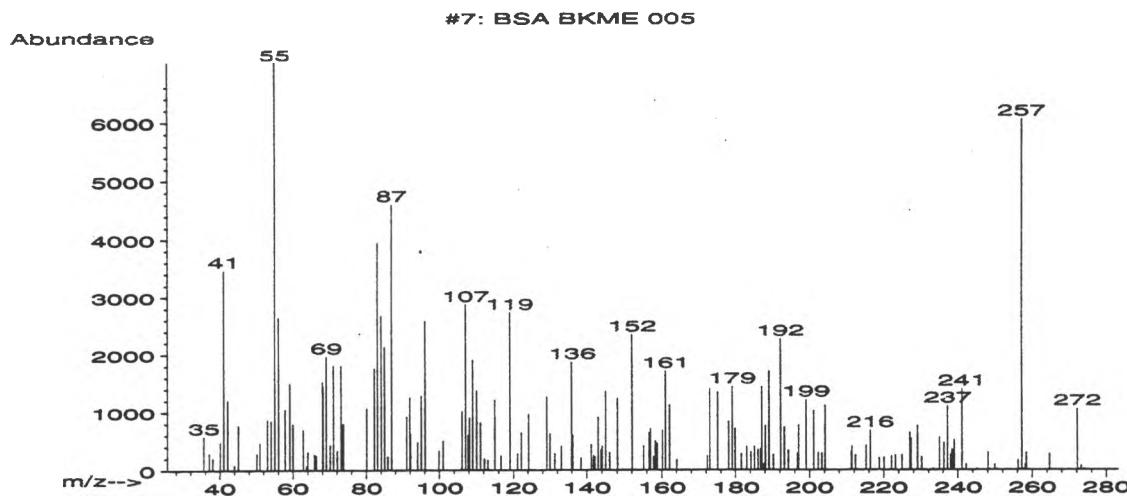
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
124.10	2277	138.10	444	156.85	454	177.05	1900
126.10	673	140.35	130	159.05	1221	178.05	1557
127.20	755	144.05	157	160.05	7217	179.10	935
127.65	461	147.20	1270	160.80	2160	179.95	668
127.95	629	149.00	1128448	161.90	15	181.95	595
131.10	782	150.00	101720	162.10	586	186.90	1090
132.05	4359	151.00	10443	167.05	3416	193.15	2998
133.05	4840	152.05	1840	168.10	131	194.25	534
134.05	1287	153.20	384	173.00	219	195.05	2416
135.10	4046	154.05	1211	173.20	474	196.20	29
136.05	2563	154.95	1239	176.10	915	202.05	503

#6: BSA BKME 004

Full Spectrum # 6 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
205.10	66784	225.15	1825	259.25	446	282.00	1101
206.10	12429	229.50	382	261.20	3710	283.70	479
207.15	2890	230.30	652	261.95	1402	286.30	703
209.20	746	231.90	668	265.95	536		
211.00	342	232.30	581	270.75	492		
212.40	544	233.15	1827	271.30	591		
215.40	365	235.25	100	276.25	510		
216.10	604	245.10	705	278.20	7838		
218.30	1070	249.10	1037	279.05	1073		
223.10	87648	250.10	323	280.10	987		
224.10	11859	257.05	1815	280.80	434		

BSA BKME 005



#7: BSA BKME 005

Full Spectrum # 7 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.55	577	54.05	843	68.05	1532	84.05	2671
37.20	286	55.00	7026	68.20	1449	85.05	2129
38.10	205	56.10	2645	69.10	1965	85.90	230
40.15	478	57.90	1046	70.10	433	87.00	4594
41.10	3465	59.10	1498	71.00	1809	91.05	924
42.10	1204	60.00	792	72.05	334	91.95	1257
44.00	82	62.80	693	73.10	1805	92.20	629
45.00	770	63.70	58	73.75	797	94.10	478
50.05	286	64.05	315	80.10	1064	95.05	1280
50.95	462	65.85	269	82.15	1756	96.10	2581
53.00	862	66.35	248	83.05	3939	99.85	329

#7: BSA BKME 005

Full Spectrum # 7 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
101.05	510	115.00	1204	136.25	601	152.05	2340
105.90	40	116.65	242	138.45	210	155.10	412
106.15	1009	119.05	2725	141.20	436	156.60	638
107.15	2863	121.05	283	141.85	242	156.95	708
107.80	601	122.15	647	142.15	223	157.80	226
108.15	902	124.15	959	143.05	914	158.20	494
109.05	1904	129.10	1262	143.85	347	158.70	456
110.10	1372	130.00	624	144.10	407	160.15	687
111.10	811	131.30	281	145.05	1359	161.05	1705
112.15	193	133.10	407	146.15	295	162.15	1115
113.10	168	136.00	1867	148.10	1241	164.10	174

#7: BSA BKME 005

Full Spectrum # 7 from F:\BSA_BKME.L

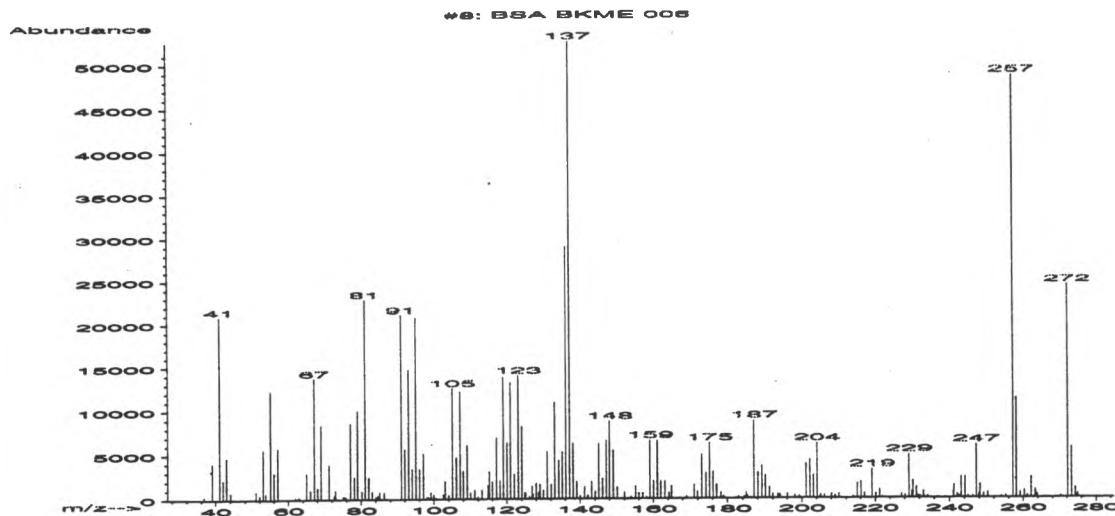
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
172.40	242	186.75	359	199.05	1206	220.05	215
173.05	1401	187.10	1433	201.15	1015	222.10	236
175.15	1345	187.75	99	202.35	298	223.15	248
178.15	837	188.10	755	203.30	281	224.90	254
179.05	1435	189.05	1705	204.25	1109	227.00	638
179.85	708	190.25	260	211.15	319	227.30	536
181.55	275	192.15	2260	211.40	407	229.10	758
183.00	403	193.20	732	212.30	247	230.20	213
184.15	311	194.25	337	215.20	419	233.25	18
185.15	401	196.75	279	216.30	676	235.00	556
186.05	347	197.05	768	218.80	206	236.20	466

#7: BSA BKME 005

Full Spectrum # 7 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
237.20	1097	258.10	83				
238.10	257	258.35	291				
238.40	349	264.65	272				
239.05	513	272.20	1046				
241.10	1389	273.25	63				
242.25	91						
245.15	20						
248.10	295						
249.95	79						
256.20	163						
257.15	6019						

BSA BKME 006



#8: BSA BKME 006

Full Spectrum # 8 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.80	335	55.05	12250	72.65	386	83.05	862
39.05	4069	56.05	3024	73.00	1013	84.00	290
40.15	17	57.10	5784	75.05	318	84.50	385
41.10	20856	61.85	214	75.55	297	85.05	807
42.10	2165	62.85	245	75.85	246	86.25	756
43.05	4699	65.00	2958	77.05	8616	87.00	35
44.05	761	66.05	1009	78.15	2523	91.05	21088
50.95	917	67.10	13721	79.05	10043	92.05	5659
52.05	454	68.05	1290	80.20	927	93.05	14718
53.00	5588	69.05	8405	81.10	22840	94.05	3476
53.75	694	71.20	3892	82.05	2452	95.10	20760

#8: BSA BKME 006

Full Spectrum # 8 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
96.10	3441	106.10	4683	117.10	6954	126.90	1435
97.15	5144	107.10	12217	118.05	2041	127.10	553
98.10	202	108.05	3214	119.05	13844	128.00	1785
98.50	212	109.05	6159	120.10	6381	128.75	766
99.15	760	110.05	709	121.05	13205	129.10	1643
100.00	474	111.15	980	122.10	2833	130.00	1029
100.60	102	112.05	236	123.10	14041	131.10	5330
102.50	540	113.10	1010	124.10	8223	132.10	1643
103.00	2012	114.75	1532	124.85	720	133.05	10938
103.95	441	115.05	3141	125.15	701	134.10	4363
105.05	12569	116.00	1958	126.15	278	135.10	5303

#8: BSA BKME 006

Full Spectrum # 8 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.15	28912	147.10	6576	160.05	2001	175.15	6318
137.15	52544	148.05	8809	161.10	6558	176.10	3029
138.15	6266	149.10	5469	162.00	2001	177.10	1545
139.10	1907	150.10	1280	163.10	1949	178.05	98
139.95	321	152.05	720	164.25	674	178.25	644
141.20	1326	153.90	255	165.00	1411	178.95	232
142.05	393	155.10	1380	169.10	234	182.85	252
143.15	1892	156.05	608	171.10	1529	184.45	207
144.05	821	157.10	607	171.95	804	185.00	648
145.05	6239	158.15	159	173.10	4980	185.35	286
146.10	2265	159.10	6619	174.20	2880	186.10	121

#8: BSA BKME 006

Full Spectrum # 8 from F:\BSA_BKME.L

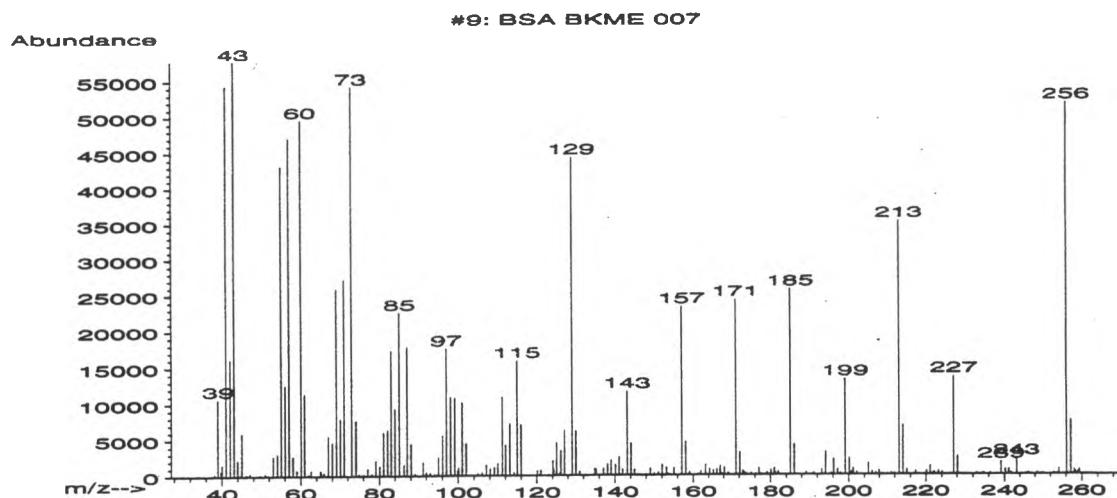
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
187.05	8815	201.15	3923	216.15	1848	231.15	1223
188.10	2948	202.15	4360	217.15	535	231.60	246
189.15	3734	203.10	2610	219.10	3262	232.10	226
190.10	2615	204.15	6230	220.20	508	233.05	752
191.15	1216	205.15	348	221.25	947	234.20	258
192.05	470	206.15	357	222.00	148	241.00	750
193.45	483	208.10	431	227.15	482	241.20	1480
194.05	403	209.05	284	228.10	307	242.05	440
196.05	452	210.15	509	229.15	4940	242.55	250
198.05	336	214.00	221	229.95	735	243.15	2403
199.25	266	215.10	1647	230.20	1939	244.15	2359

#8: BSA BKME 006

Full Spectrum # 8 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
245.00	201	258.20	11333	274.30	1105		
246.25	245	259.20	613	274.90	449		
247.25	6062	260.35	856				
247.95	485	261.15	268				
248.20	1541	262.15	2321				
249.15	460	263.30	931				
250.30	612	263.85	406				
253.95	202	265.55	65				
254.90	7	270.25	216				
255.15	269	272.20	24448				
257.20	48616	273.30	5762				

BSA BKME 007



#9: BSA BKME 007

Full Spectrum # 9 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.30	77	47.10	380	60.05	49552	70.10	7920
38.20	370	49.65	219	61.00	11338	71.10	27208
39.05	10644	51.00	420	61.95	258	73.05	54144
39.75	685	51.85	170	62.65	785	74.10	7694
40.10	1606	53.05	2756	65.00	801	74.90	305
41.05	54336	54.10	2986	65.20	549	76.05	231
42.10	16187	55.05	43168	65.75	218	77.05	1065
43.10	57672	56.10	12540	66.00	467	77.75	172
44.05	2148	57.05	47048	67.05	5491	78.10	338
45.05	5859	58.05	2713	68.05	4632	79.10	2138
46.20	194	59.05	838	69.10	25896	80.05	1356

#9: BSA BKME 007

Full Spectrum # 9 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
81.10	6077	92.20	197	102.05	4503	114.15	456
82.15	6425	93.00	445	103.00	82	115.00	15903
83.05	17344	94.10	201	105.05	280	116.00	7062
84.05	9275	95.05	2550	106.10	432	120.20	701
85.10	22568	96.05	5588	107.15	1505	121.05	724
86.20	1570	97.05	17552	108.10	953	123.05	161
87.05	17776	98.10	10878	109.15	1162	124.10	2025
88.05	4419	99.15	10769	110.10	1735	124.35	888
89.00	346	99.90	650	111.20	10893	125.10	4565
91.15	1883	100.15	1094	112.10	4237	125.85	285
92.00	469	101.10	10134	113.10	7257	126.15	3445

#9: BSA BKME 007

Full Spectrum # 9 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.10	6282	142.00	822	154.15	144	166.15	773
129.10	44264	143.10	11626	155.10	987	167.05	1255
130.10	6124	144.10	4438	157.15	23344	167.40	265
131.05	569	145.05	790	158.10	4642	168.15	1060
134.85	950	148.00	221	158.80	106	169.10	334
135.15	877	149.05	937	159.10	477	171.15	24264
137.10	977	150.00	249	161.30	222	172.15	3141
138.15	1551	151.10	445	162.00	554	173.00	565
139.05	2080	152.05	1496	163.20	1450	173.30	373
140.15	1444	153.15	1079	164.25	839	173.80	199
141.10	2510	153.60	196	165.25	667	175.00	273

#9: BSA BKME 007

Full Spectrum # 9 from F:\BSA_BKME.L

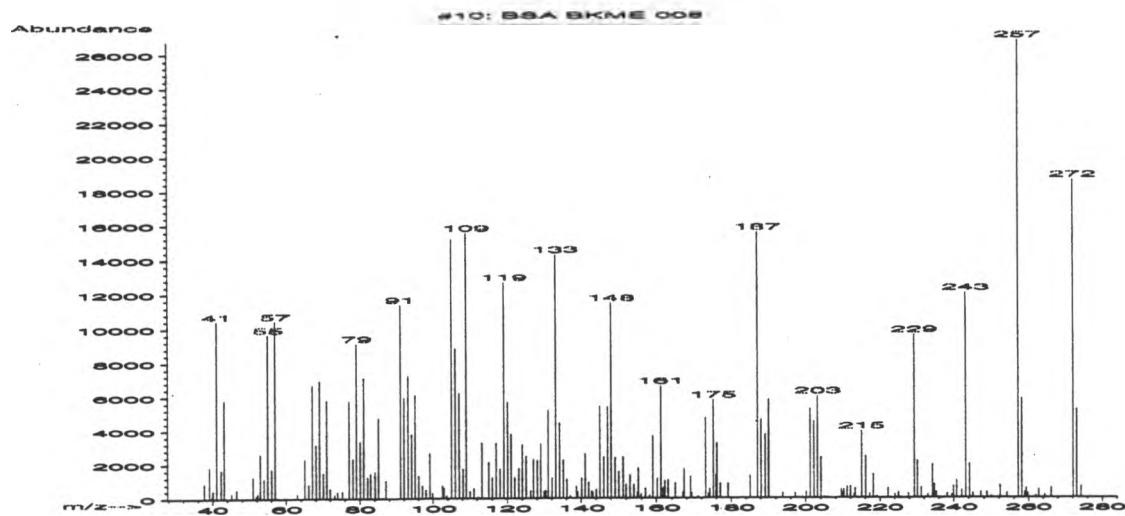
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
176.20	184	184.05	112	199.10	13229	210.10	52
177.05	940	185.10	25752	200.15	2280	211.05	320
177.65	191	186.10	4206	200.65	437	211.90	262
178.85	199	189.10	379	201.15	879	213.15	35232
179.20	388	191.05	356	202.05	384	214.15	6837
179.95	209	193.10	724	205.10	1583	215.10	732
180.20	709	194.15	3252	206.10	460	217.40	480
181.00	960	195.55	228	207.05	326	220.20	508
181.25	291	196.15	2167	207.90	600	221.10	1198
181.95	452	197.15	739	208.10	141	221.70	175
183.15	113	197.85	236	208.85	144	222.10	379

#9: BSA BKME 007

Full Spectrum # 9 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
223.20	477	241.05	772	257.20	7502		
224.15	374	241.35	187	258.10	626		
227.15	13570	241.65	195	258.35	444		
228.15	2529	243.10	2240	259.05	372		
230.25	109	246.15	305	259.35	644		
232.90	250	248.50	292				
234.00	89	249.15	106				
234.60	244	250.05	177				
236.30	193	252.85	218				
239.15	1750	254.20	839				
240.20	690	256.20	51616				

BSA BKME 008



#10: BSA BKME 008

Full Spectrum # 10 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.70	872	52.25	287	69.05	6939	81.10	7121
39.05	1859	53.00	2605	70.10	1503	82.10	1250
39.85	148	54.00	1165	71.05	5813	83.00	1449
40.10	466	55.05	9657	71.95	586	84.10	1591
41.10	10423	56.10	1723	73.15	222	85.05	4748
42.25	1678	57.05	10438	74.00	386	86.35	21
43.15	5797	63.05	260	75.25	417	87.05	1037
45.20	296	65.05	2318	77.05	5753	91.05	11369
46.50	518	66.10	828	78.15	2329	92.05	5942
51.00	1254	67.05	6672	79.10	9117	93.10	7239
51.80	191	68.05	3157	80.10	3356	94.10	3770

#10: BSA BKME 008

Full Spectrum # 10 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.05	6122	106.10	8872	118.05	1734	129.05	3213
96.05	1323	107.10	6241	119.05	12682	129.95	380
97.10	741	108.15	1724	120.10	5695	130.35	465
98.05	529	109.05	15522	121.05	3788	131.10	5206
99.10	2683	110.10	414	122.00	1229	132.10	1189
99.90	292	111.10	605	123.10	1780	133.10	14301
102.10	15	112.25	86	124.05	3188	134.10	4448
102.60	743	113.15	3276	125.10	2485	135.10	2247
103.00	633	115.00	2134	126.25	446	136.20	1118
103.75	164	115.95	1232	127.10	2293	137.10	143
105.05	15187	117.00	3264	128.10	2220	138.75	691

#10: BSA BKME 008
Full Spectrum # 10 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
139.10	368	149.10	2377	159.10	3661	171.05	113
140.15	1172	150.10	1556	160.20	1147	173.10	4758
141.15	2616	151.20	2426	161.15	6614	173.80	255
142.10	927	152.00	783	161.80	587	174.15	537
142.85	413	153.05	1350	162.20	1009	175.15	5797
143.15	360	154.10	802	163.10	1063	175.90	1349
144.05	525	154.90	312	165.00	902	176.15	3231
145.05	5436	155.15	1773	167.00	316	177.05	846
146.10	2410	155.85	223	167.30	1703	179.10	866
147.10	5383	157.10	570	169.05	1254	183.00	42
148.10	11472	158.25	160	169.30	290	185.15	1327

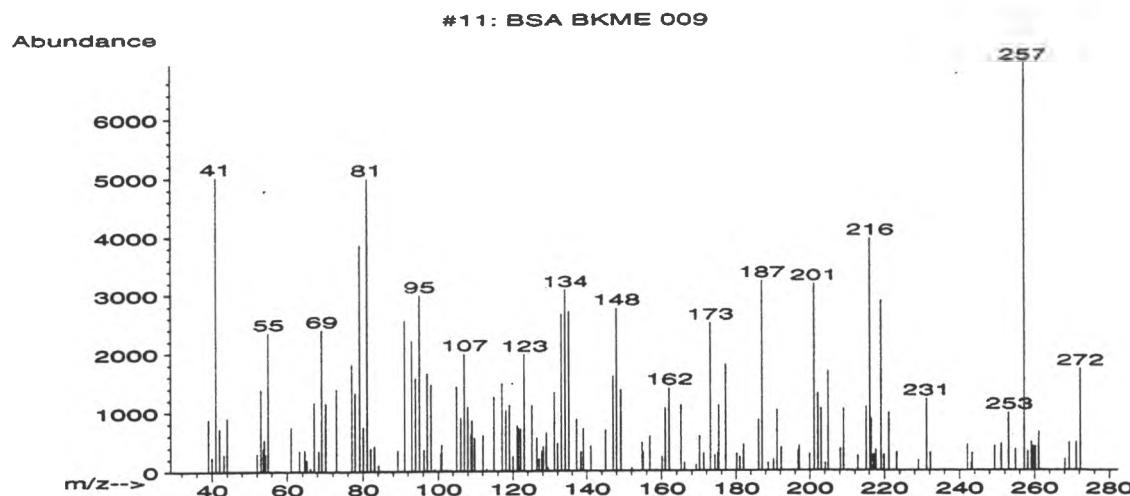
#10: BSA BKME 008
Full Spectrum # 10 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
187.10	15568	204.15	2372	216.15	2446	232.95	186
188.10	4633	205.15	45	217.25	230	234.20	1958
189.20	3758	206.15	31	218.20	1384	234.80	774
190.05	5820	209.50	516	219.15	97	235.25	343
193.80	287	209.90	315	222.15	571	238.20	265
197.20	270	210.20	504	224.05	207	239.45	190
199.05	50	211.10	666	225.05	338	239.90	701
200.10	344	212.05	683	227.70	255	240.75	1020
201.15	5284	212.95	208	229.25	9600	242.15	472
202.25	4522	213.20	551	230.20	2161	243.15	12039
203.15	6008	215.05	3950	231.20	587	244.20	1994

#10: BSA BKME 008
Full Spectrum # 10 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
245.05	280	262.00	104				
247.20	353	262.75	495				
248.85	337	264.40	189				
249.85	95	266.15	583				
252.25	735	272.20	18592				
254.15	277	273.15	5213				
257.20	26744	274.20	671				
258.15	5850						
258.95	327						
259.30	562						
259.75	251						

BSA BKME 009



#11: BSA BKME 009

Full Spectrum # 11 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	881	55.05	2354	77.05	1808	94.05	1579
40.05	240	61.05	749	77.95	1332	95.05	2996
41.05	5021	63.25	351	79.10	3854	96.15	366
42.05	722	64.65	355	80.10	741	97.05	1662
43.15	284	65.10	192	81.05	4990	98.05	1473
44.05	904	66.20	49	82.05	386	99.10	28
52.05	299	67.10	1164	83.10	425	100.60	302
53.05	1390	68.35	342	84.15	107	100.90	449
53.65	389	69.10	2404	89.20	356	102.25	15
54.00	528	70.10	1158	91.05	2562	105.05	1437
54.25	284	72.95	1397	93.00	2214	106.10	902

#11: BSA BKME 009

Full Spectrum # 11 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
107.10	1990	120.05	251	128.90	643	145.05	693
108.05	1090	121.15	767	129.25	59	147.05	1600
108.90	615	121.45	718	131.05	1331	148.00	2764
109.15	861	122.05	707	132.05	468	149.15	1373
109.85	554	123.05	1976	133.05	2665	152.05	52
112.05	601	125.10	1118	134.10	3077	154.80	479
113.05	46	125.90	11	135.10	2706	155.10	320
114.95	1266	126.35	561	137.15	872	156.90	586
117.10	1489	127.00	213	138.35	320	158.70	20
118.15	1025	127.75	341	139.05	714	160.15	242
119.05	1115	128.10	417	141.10	420	161.05	1058

#11: BSA BKME 009

Full Spectrum # 11 from F:\BSA_BKME.L

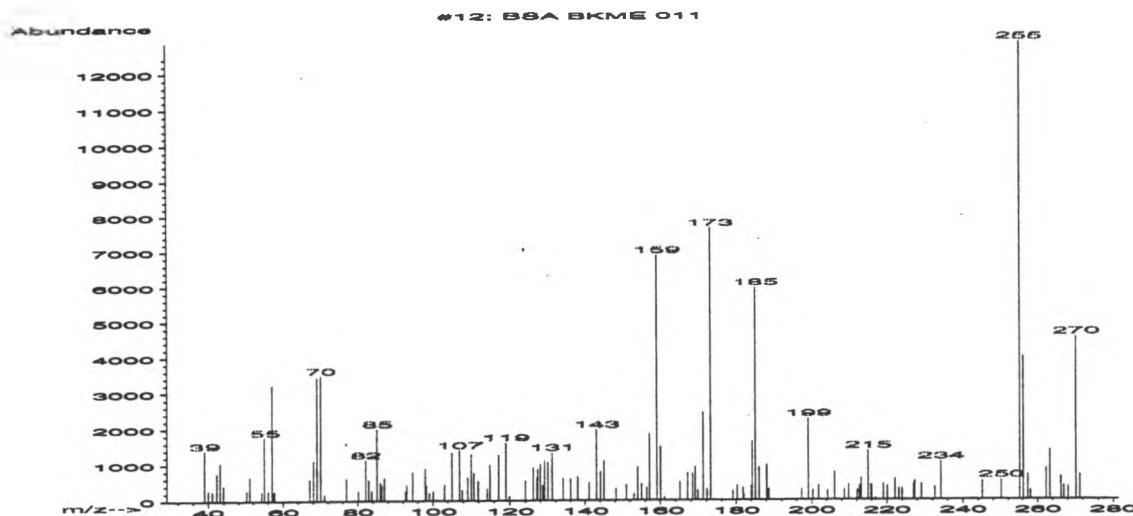
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
162.05	1402	180.10	289	199.95	282	216.50	872
165.15	1117	181.00	237	201.10	3179	217.10	274
166.05	138	182.05	442	202.15	1314	217.70	353
169.15	98	186.15	863	203.05	1055	219.05	2888
170.10	586	187.05	3231	204.15	127	219.80	268
171.25	293	188.70	132	204.90	1683	221.15	977
173.05	2514	190.20	198	208.15	379	223.20	311
174.20	264	191.10	1030	209.00	1045	229.05	174
175.00	308	192.25	393	212.90	250	231.15	1214
175.25	1109	196.75	344	215.10	1078	232.20	305
177.10	1797	197.05	418	216.15	3959	242.05	437

#11: BSA BKME 009

Full Spectrum # 11 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
243.10	133	261.10	656				
243.35	296	268.10	193				
249.25	415	269.25	476				
251.05	454	271.15	483				
253.15	976	272.25	1720				
254.95	360						
257.20	6906						
258.20	329						
259.15	485						
259.55	410						
260.10	402						

BSA BKME 010



#12: BSA BKME 010

Full Spectrum # 12 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.95	1402	57.05	3210	83.70	282	100.10	255
40.00	285	57.65	257	85.10	1994	103.10	440
41.05	261	67.05	591	86.00	494	104.35	19
42.25	759	68.10	1107	86.30	427	105.10	1342
43.05	1051	69.05	3431	87.10	630	107.00	1402
44.00	415	70.10	3480	92.70	270	107.70	297
50.15	279	71.10	165	93.05	421	109.15	638
51.05	653	77.00	618	94.70	789	110.10	1292
54.25	251	80.15	279	98.00	896	110.80	762
55.05	1765	82.10	1129	98.30	410	111.95	543
56.05	267	83.00	570	99.10	209	114.25	329

#12: BSA BKME 010

Full Spectrum # 12 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
114.90	988	128.75	414	145.05	1092	165.10	515
117.10	1275	129.05	1102	148.30	326	167.05	751
119.00	1609	130.05	1046	151.05	430	168.40	734
119.95	119	131.10	1328	153.05	178	169.10	929
123.05	18	133.10	21	154.00	923	169.80	265
124.05	549	134.05	611	155.05	451	171.20	2430
126.10	908	136.05	586	156.40	353	172.20	311
127.00	618	138.05	638	157.20	1848	173.15	7640
127.25	862	141.10	499	159.10	6869	179.10	273
128.00	999	143.10	1966	160.05	1488	180.25	408
128.55	418	144.10	791	161.10	78	181.75	333

#12: BSA BKME 010

Full Spectrum # 12 from F:\BSA_BKME.L

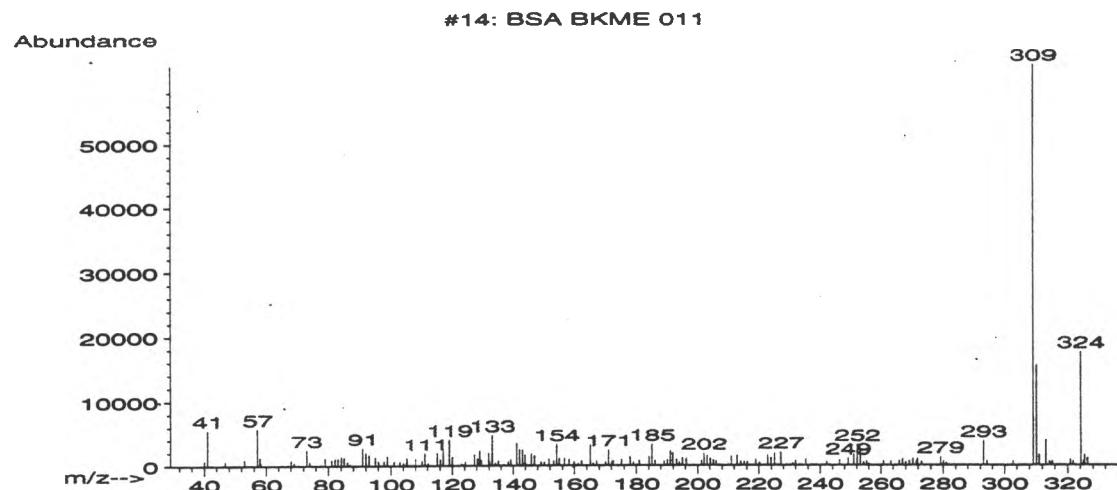
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
182.05	157	204.25	258	219.10	437	250.15	535
183.95	397	206.10	765	220.10	378	255.20	12850
184.25	1630	208.70	286	222.15	579	256.15	3981
185.10	5949	209.80	417	223.15	316	257.30	680
186.15	897	212.10	272	224.00	311	258.05	262
188.20	973	212.70	384	227.05	424	262.25	862
188.65	295	213.15	581	227.30	525	263.35	1373
197.35	297	215.05	1363	229.10	441	266.25	633
199.10	2246	215.80	418	232.60	351	266.95	377
200.25	268	216.00	405	234.15	1055	268.15	351
201.85	396	217.05	42	245.15	500	270.25	4530

#12: BSA BKME 010

Full Spectrum # 12 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
271.25	671						

BSA BKME 011



#14: BSA BKME 011
Full Spectrum # 14 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.00	98	68.05	809	86.95	261	105.10	1186
40.00	829	69.05	480	91.00	2771	108.05	1028
41.10	5560	73.05	2416	92.00	2010	110.20	712
42.15	68	74.05	631	93.00	1677	111.10	1882
46.70	691	79.05	1167	95.05	1317	112.15	361
52.95	917	81.10	915	96.05	671	115.05	1979
57.10	5774	82.10	1128	97.80	710	116.10	963
57.85	1283	83.05	1102	98.90	1473	117.05	2271
58.15	513	84.15	1402	101.10	624	119.05	4050
65.40	89	85.05	1281	102.90	630	120.00	1302
67.05	60	86.10	603	104.05	415	123.10	296

#14: BSA BKME 011
Full Spectrum # 14 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
124.25	586	136.95	160	150.20	548	166.05	288
127.25	1725	138.35	608	151.70	1018	167.15	702
128.25	1092	139.25	962	153.25	707	170.10	542
129.05	2316	141.20	3522	154.15	3350	171.05	2416
129.25	862	142.15	2470	155.05	1062	172.10	564
129.55	814	143.10	2479	156.70	1112	172.60	708
131.95	1916	143.90	1647	158.20	977	175.15	927
132.25	676	145.05	61	159.90	570	177.95	1325
133.10	4752	146.00	1792	161.20	328	179.00	476
134.15	391	147.00	1481	162.30	688	179.95	120
135.10	715	149.05	625	165.05	3214	180.95	766

#14: BSA BKME 011

Full Spectrum # 14 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
184.15	1359	201.25	745	216.20	557	238.05	53
185.10	3307	202.15	1868	219.05	898	242.15	550
186.05	734	203.10	1485	220.25	474	246.25	804
189.00	646	204.15	1064	221.00	77	249.15	1076
190.05	844	205.25	790	222.95	1607	251.00	1688
191.05	2266	206.15	659	223.90	1152	252.15	3221
191.95	1894	207.05	92	225.10	1842	253.15	2211
193.15	893	211.10	1412	227.20	2017	254.15	450
194.05	502	212.90	1508	231.05	314	255.25	643
195.05	1153	214.10	626	232.00	766	256.05	255
196.25	994	215.20	557	235.30	920	260.85	668

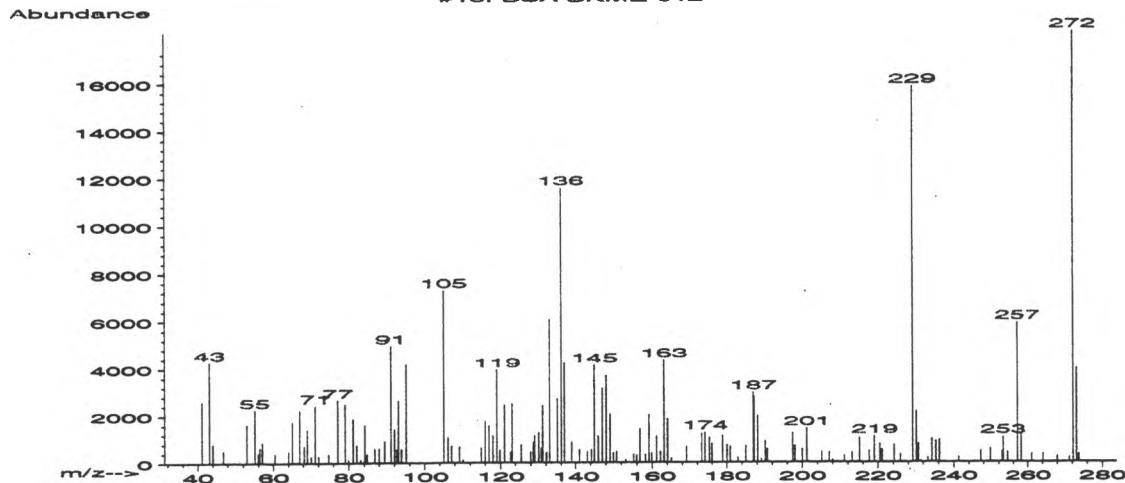
#14: BSA BKME 011

Full Spectrum # 14 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
263.25	639	281.00	355	321.75	630		
265.95	727	293.10	3801	324.20	17552		
266.95	957	294.20	674	325.05	653		
268.05	508	302.70	672	325.35	1570		
269.15	693	309.20	62152	326.25	1135		
270.35	1067	310.25	15445				
271.45	610	311.10	1634				
271.80	994	313.20	3960				
273.10	577	314.25	633				
279.20	1283	315.15	610				
280.10	601	320.85	839				

BSA BKME 012

#13: BSA BKME 012



#13: BSA BKME 012

Full Spectrum # 13 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
41.10	2603	65.05	1746	81.10	1861	92.60	577
43.05	4283	67.05	2236	82.05	756	93.05	2642
44.00	803	68.20	723	83.10	131	93.80	577
46.80	504	69.05	1427	83.95	53	95.10	4185
52.95	1640	70.10	280	84.20	1609	105.10	7299
55.05	2267	71.10	2437	84.80	365	106.20	1087
55.90	397	72.05	292	86.90	600	107.10	722
56.35	647	74.75	365	88.00	611	109.15	679
57.05	870	77.10	2672	89.40	919	110.15	122
60.45	382	79.10	2500	91.05	4963	115.00	636
64.05	476	79.95	127	92.00	1430	116.05	1777

#13: BSA BKME 012

Full Spectrum # 13 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
117.05	1585	130.15	1286	144.25	560	156.80	1442
118.10	1170	130.85	630	145.00	4151	158.20	338
119.10	3965	131.15	2442	146.05	1145	159.10	2045
119.85	529	132.20	430	147.10	3170	159.90	391
121.10	2476	133.05	6065	148.05	3702	161.15	1139
122.70	452	135.10	2730	149.10	2071	162.20	460
123.10	2510	136.10	11572	150.00	419	163.10	4353
125.55	774	136.95	4236	150.80	473	164.05	1857
128.00	457	138.95	885	153.10	111	165.10	180
128.65	867	141.05	560	155.15	356	169.10	676
129.00	1158	143.10	469	155.95	313	173.25	1243

#13: BSA BKME 012

Full Spectrum # 13 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
174.05	1286	189.15	136	209.15	45	230.15	2176
175.25	1065	190.15	919	211.05	295	230.70	802
176.00	795	190.75	574	213.10	424	231.30	58
178.90	1145	197.45	1259	215.05	1063	233.20	213
180.10	752	198.05	709	217.70	509	234.20	1010
180.95	678	199.95	555	219.05	1122	235.20	911
183.00	209	201.15	1460	220.50	803	236.15	958
185.00	704	205.10	445	221.15	539	241.30	222

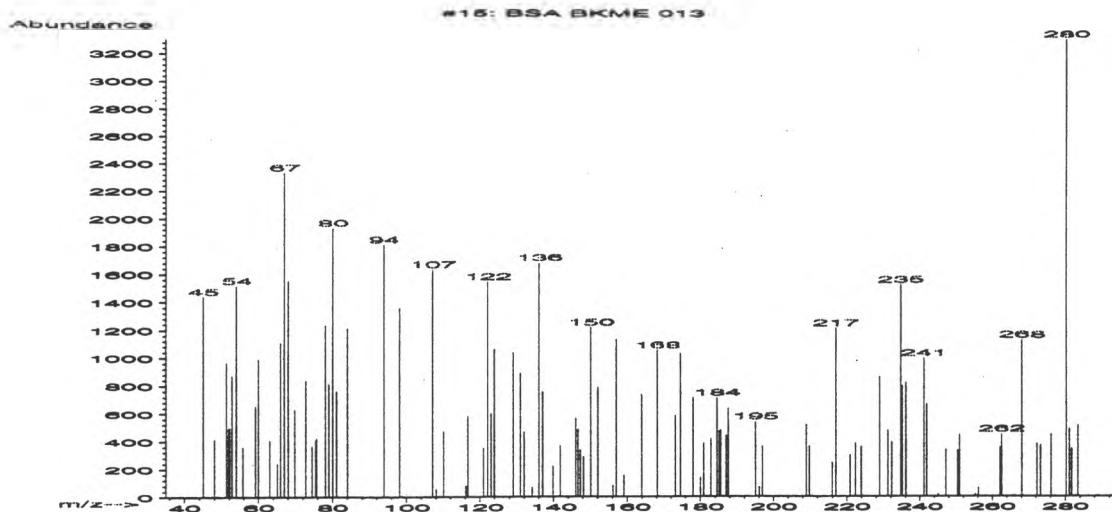
187.00	2988	206.25	45	224.30	745	247.15	487
187.25	2804	207.05	427	226.00	348	249.75	590
188.15	1981	208.05	107	229.20	15847	252.85	451

#13: BSA BKME 012

Full Spectrum # 13 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
253.15	1084						
254.35	426						
257.15	5917						
258.20	1209						
261.05	358						
264.15	353						
268.00	244						
271.20	213						
272.20	18136						
273.20	3985						
273.80	342						

BSA BKME 013



#15: BSA BKME 013
Full Spectrum # 15 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
45.05	1439	65.10	241	80.10	1933	122.10	1549
48.00	413	66.05	1109	81.10	760	123.05	600
51.25	965	67.10	2334	84.10	1212	123.95	1062
51.75	492	68.10	1552	93.95	1809	129.00	1038
52.15	498	69.85	628	98.15	1356	131.00	891
52.75	872	72.85	837	107.10	1635	132.05	466
54.05	1517	74.45	366	108.10	55	134.20	69
55.75	358	75.45	410	110.10	472	136.15	1682
59.15	651	75.75	420	116.15	81	137.05	757
59.95	990	78.05	1234	116.75	579	139.90	220
63.05	408	79.05	815	121.00	350	141.85	366

#15: BSA BKME 013
Full Spectrum # 15 from F:\BSA_BKME.L

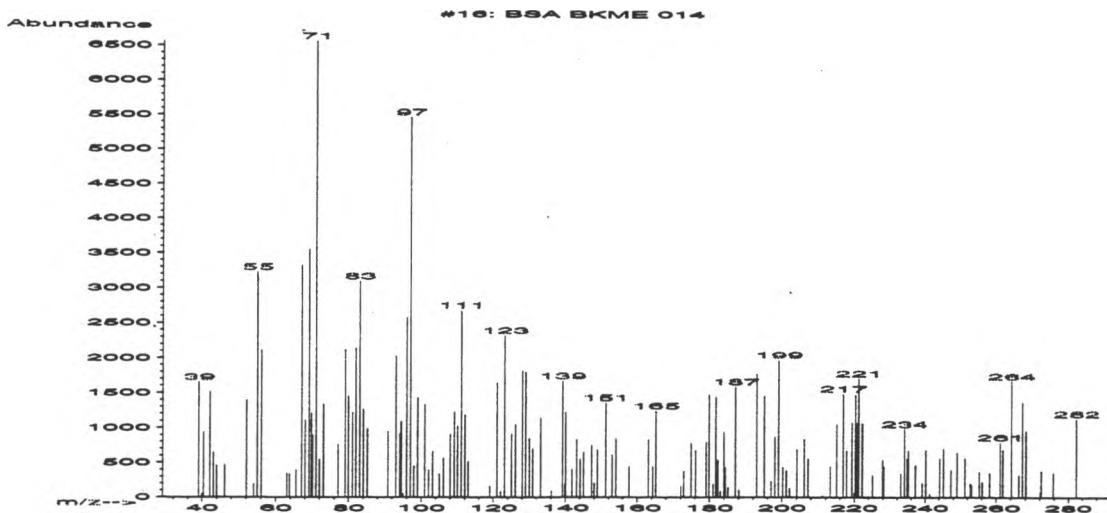
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
146.10	565	173.15	587	195.00	541	223.90	357
146.70	484	174.60	1031	196.10	70	228.95	864
147.30	337	178.10	714	197.00	363	231.20	479
148.20	289	180.05	137	208.10	2	232.30	395
150.15	1220	181.00	384	208.90	518	234.70	1526
152.10	788	182.85	417	209.80	365	235.10	798
156.10	82	184.55	713	210.45	8	236.10	821
157.00	1135	185.20	471	215.90	246	241.15	996
159.10	153	185.55	480	217.00	1213	241.90	663
163.90	736	187.00	442	220.95	302	245.00	19
168.20	1055	187.65	635	222.30	385	247.25	340

#15: BSA BKME 013

Full Spectrum # 15 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
250.45	335	280.25	3303				
250.95	446	281.15	488				
255.30	18	281.80	343				
256.15	65	283.40	516				
262.05	355						
262.55	451						
266.10	9						
268.15	1131						
272.20	380						
273.20	370						
276.05	448						

BSA BKME 014



#16: BSA BKME 014

Full Spectrum # 16 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1651	63.05	344	77.15	762	94.10	911
40.00	55	63.75	334	79.05	2118	94.40	1086
40.40	932	65.55	392	80.00	1448	94.60	1095
42.15	1519	67.10	3322	80.25	1	95.05	60
43.10	644	68.05	1107	81.10	1219	96.05	2574
44.00	457	69.10	3552	82.05	2143	97.05	5464
46.10	463	69.75	1207	83.05	3092	98.10	452
52.10	1396	70.05	897	84.10	1262	99.05	1426
54.05	192	71.10	6555	85.10	982	101.00	1333
55.05	3224	71.95	544	90.95	950	102.10	393
56.10	2113	73.05	1339	93.10	2025	103.10	659

#16: BSA BKME 014

Full Spectrum # 16 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
105.00	339	123.10	2321	140.10	1220	157.70	444
106.15	565	125.05	913	141.90	404	163.10	834
108.00	911	126.10	1045	143.15	834	164.30	446
109.15	1226	128.05	1820	144.10	547	165.10	1240
110.10	1028	128.95	1800	145.10	647	172.05	153
111.15	2680	130.05	845	147.30	745	172.90	378
112.10	1179	131.00	695	148.05	203	174.90	779
113.05	517	133.15	1142	148.95	684	176.15	679
119.05	161	136.05	89	151.20	1356	177.00	4
121.00	1650	139.20	1670	153.05	604	179.10	793
122.00	80	139.85	187	154.05	845	179.90	1471

#16: BSA BKME 014

Full Spectrum # 16 from F:\BSA_BKME.L

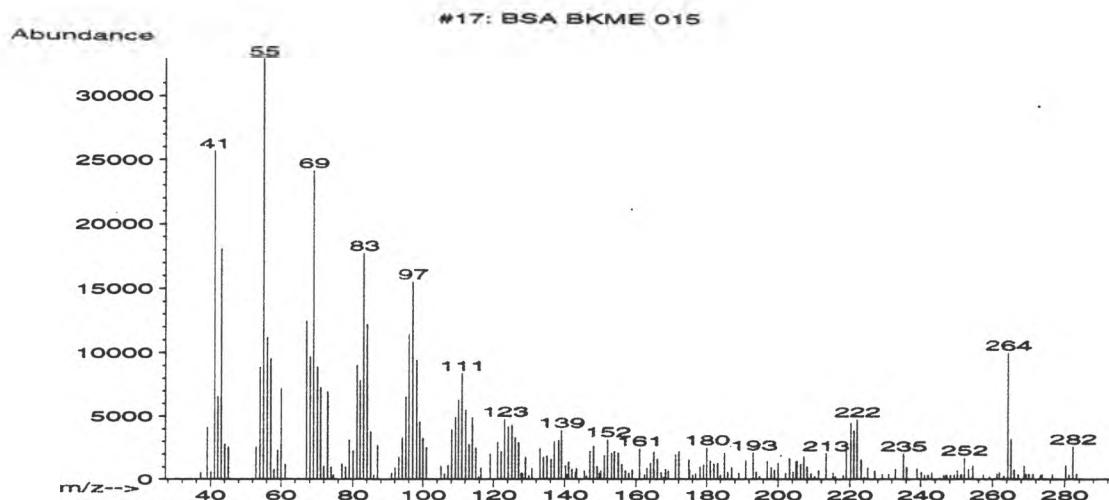
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
181.05	192	197.05	229	215.10	1050	228.20	438
181.80	1440	198.10	873	216.85	1483	233.00	340
182.35	536	199.05	1969	217.90	672	234.10	981
183.00	85	200.20	439	219.30	1076	234.90	559
184.05	938	201.25	380	219.95	65	235.25	671
184.35	433	202.00	129	220.25	1466	237.20	466
185.15	140	204.10	693	220.80	1067	239.15	205
187.10	1586	206.15	841	221.20	1706	240.15	680
188.10	106	207.15	559	222.10	1061	241.25	51
193.05	1769	211.15	22	225.10	316	244.15	556
195.15	1456	213.20	448	227.90	533	245.25	699

#16: BSA BKME 014

Full Spectrum # 16 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
247.35	392	266.20	321				
249.05	641	267.20	1368				
251.25	561	268.20	961				
252.80	196	272.10	80				
253.15	179	272.40	381				
255.25	367	275.80	353				
256.20	220	282.20	1132				
258.25	351						
261.20	795						
261.85	686						
264.25	1670						

BSA BKME 015



#17: BSA BKME 015

Full Spectrum # 17 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.20	544	56.10	11190	71.10	7269	83.10	17712
39.05	4109	57.10	9537	72.00	1055	84.05	12190
40.10	603	58.00	786	73.10	6932	85.05	3790
41.10	25680	59.05	2325	74.05	1004	85.90	343
42.10	6562	60.00	7228	74.65	361	87.00	2705
43.10	18104	61.15	1197	77.05	1237	91.05	516
44.05	2798	65.05	98	78.00	985	92.10	940
45.05	2585	67.10	12444	79.05	3159	93.10	1783
53.00	2553	68.10	9700	80.05	2292	94.15	3323
54.10	8879	69.10	24120	81.15	9021	95.10	6548
55.05	32904	70.15	8910	82.10	7830	96.05	11450

#17: BSA BKME 015

Full Spectrum # 17 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
97.10	15486	111.10	8396	124.20	4182	135.05	1855
98.15	9412	112.15	5469	125.15	4307	136.20	1608
99.10	4558	113.10	2788	126.10	3309	137.10	2976
99.95	3265	114.00	4882	127.05	2925	138.25	3102
101.00	2540	115.00	2503	127.85	483	139.05	3889
105.10	1046	115.80	224	128.15	459	140.20	1064
106.15	429	116.45	930	129.00	1760	140.55	363
107.10	1157	119.10	2024	130.00	286	141.10	1361
108.10	3938	121.10	2963	130.90	873	142.05	799
109.15	4929	122.10	2198	133.10	2441	143.00	532
110.05	6305	123.10	4750	134.10	1760	143.25	867

#17: BSA BKME 015

Full Spectrum # 17 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
145.10	20	154.00	2219	166.10	1641	178.10	1022
145.50	678	155.10	2098	167.15	534	179.15	1183
146.15	275	156.05	1200	167.80	163	180.05	2526
147.05	2221	157.05	685	168.30	852	181.10	1479
148.05	2631	158.10	492	169.05	677	182.05	1235
149.05	1036	159.00	773	171.10	1972	183.15	1304
149.70	464	161.00	2440	172.10	2240	183.95	331
150.10	693	162.50	361	174.95	1543	185.15	2091
151.10	1895	163.20	901	175.20	732	186.05	557
152.05	3155	164.15	1297	176.10	357	187.10	965
153.15	2076	165.05	2173	176.85	450	189.10	501

#17: BSA BKME 015

Full Spectrum # 17 from F:\BSA_BKME.L

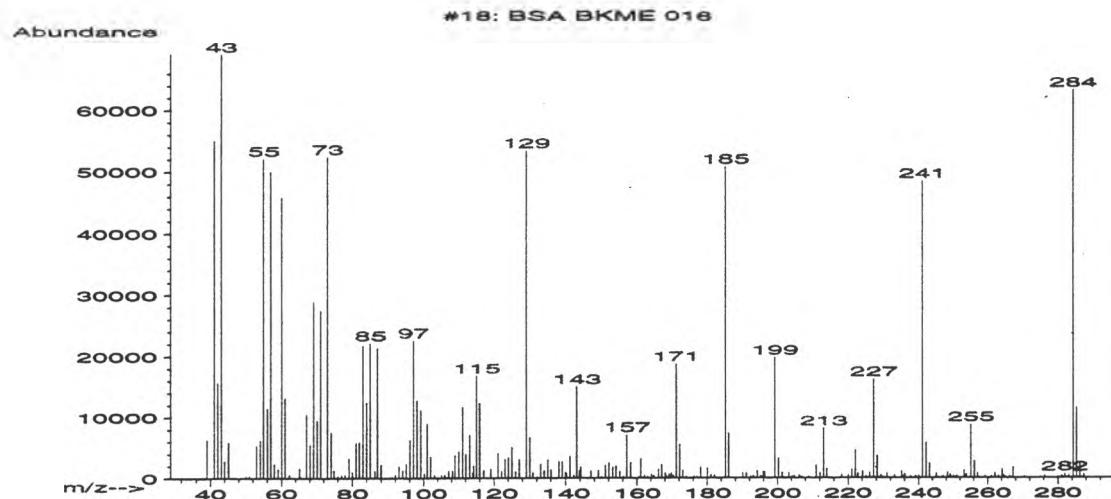
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
191.10	1464	205.00	1427	215.30	521	229.30	383
193.15	2121	205.25	1468	215.95	244	231.10	416
194.05	563	206.25	1223	218.20	339	233.00	818
195.00	239	207.10	1811	219.05	2509	235.20	2043
197.00	1445	208.00	1011	220.25	4477	236.15	959
198.10	975	208.25	134	221.15	3876	238.95	867
199.05	739	209.10	475	222.10	4731	239.25	77
200.05	1299	210.05	250	223.20	1540	240.15	577
202.10	501	211.20	728	224.15	167	241.10	349
203.20	1670	213.20	2074	225.15	922	241.95	349
204.15	587	215.10	168	227.15	657	242.15	347

#17: BSA BKME 015

Full Spectrum # 17 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
243.05	555	253.25	823	267.20	397	282.20	2603
245.20	126	254.15	126	268.80	1094	283.30	445
246.25	346	254.40	1120	269.35	404		
246.90	359	257.35	371	270.10	420		
247.15	374	259.20	212	271.25	406		
248.15	343	261.25	428	272.15	23		
249.25	364	261.95	544	273.30	334		
250.05	692	263.20	261	273.70	388		
250.95	338	264.30	9981	276.50	383		
251.25	388	265.20	3199	280.25	1101		
252.05	1708	266.05	772	281.10	373		

BSA BKME 016



#18: BSA BKME 016
Full Spectrum # 18 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	6287	56.10	11477	69.10	28872	80.20	335
41.10	55040	57.05	49992	70.10	9471	81.10	5828
42.10	15654	58.00	2344	71.10	27520	82.05	5890
43.10	69224	59.05	1475	73.05	52376	83.05	21744
44.00	2843	60.05	45848	74.10	7541	84.05	12412
45.10	5893	61.05	13120	74.95	1319	85.05	22144
50.05	244	62.25	556	76.05	321	86.25	1140
51.05	384	65.10	1634	77.05	485	87.05	21352
53.00	5331	65.45	222	78.00	598	88.05	2217
54.10	6284	67.10	10417	79.15	3299	91.05	185
55.05	52120	68.10	5467	80.00	986	92.05	595

#18: BSA BKME 016
Full Spectrum # 18 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
93.05	1962	105.15	458	114.00	861	126.10	1046
94.10	1251	106.10	520	114.25	2041	127.10	3085
95.10	2382	106.90	143	115.05	16800	129.05	53376
96.10	6304	107.20	1157	116.00	12324	130.10	6691
97.10	22616	108.10	291	117.05	1257	130.95	859
98.10	12756	108.25	1208	119.05	1485	132.15	231
99.15	11128	109.05	3769	121.10	4173	133.05	2297
100.15	713	110.10	4390	122.10	1043	134.10	1184
101.05	8957	111.15	11647	123.05	3109	135.10	3063
102.05	3509	112.10	3936	124.10	3361	136.10	1380
103.10	467	113.15	7105	125.10	5097	138.15	2717

#18: BSA BKME 016

Full Spectrum # 18 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
139.05	2723	150.00	217	162.20	409	171.15	18784
140.00	915	151.05	2079	163.05	236	172.15	5586
140.20	731	152.10	2525	164.15	628	173.05	1233
141.20	3609	153.15	1767	164.80	435	174.10	259
142.25	482	154.10	1969	166.15	1463	175.20	32
143.10	15019	155.15	1075	167.05	2178	176.15	330
143.80	1214	156.15	256	168.10	762	177.05	278
144.20	1785	157.10	7116	168.30	359	178.15	1762
146.95	1129	158.15	2541	169.15	645	180.05	1633
148.10	49	160.50	220	169.80	762	181.05	508
149.05	1282	161.10	3180	170.30	413	182.05	487

#18: BSA BKME 016

Full Spectrum # 18 from F:\BSA_BKME.L

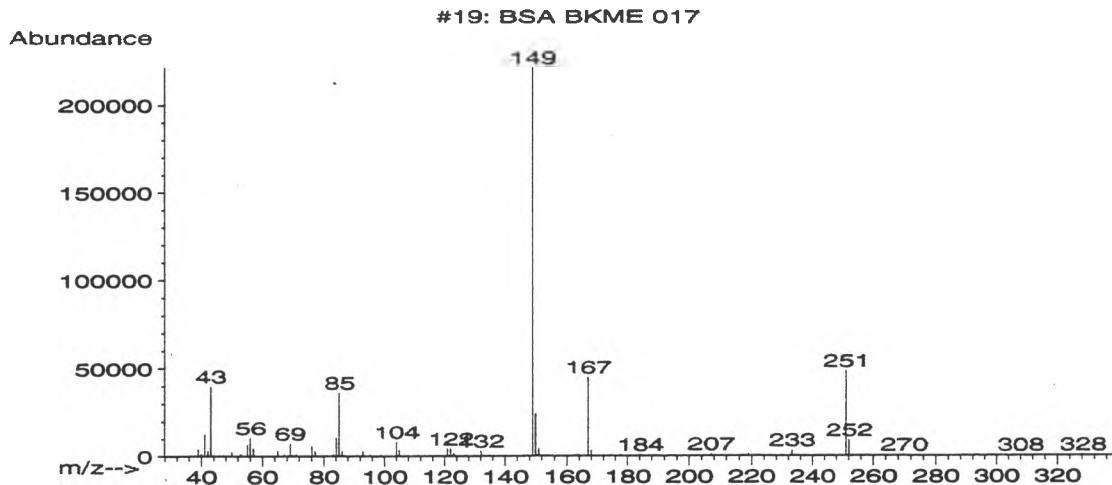
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
185.15	50888	199.15	19816	209.00	196	224.20	1063
186.10	7350	200.20	3276	211.00	2122	225.15	283
190.10	832	200.95	44	212.15	761	226.10	911
191.05	774	201.35	893	213.10	8132	227.25	16240
192.20	252	202.00	112	214.05	1523	228.20	3645
193.05	377	203.20	859	217.95	41	229.25	470
194.10	1159	204.15	283	218.25	505	229.50	200
195.10	359	204.75	413	220.10	457	231.05	724
195.85	970	206.20	448	221.10	1425	233.20	468
196.20	944	206.55	210	222.15	4569	235.20	1068
198.15	59	207.10	176	222.90	741	235.60	228

#18: BSA BKME 016

Full Spectrum # 18 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
236.10	635	250.15	303	263.15	321	281.90	621
237.80	233	250.95	252	264.20	1408	283.10	376
239.10	288	251.25	269	264.75	373	284.25	63384
240.00	373	253.20	1239	265.30	117	285.25	11588
241.15	48520	253.85	591	266.35	278	286.25	2295
242.20	5828	255.20	8735	267.25	1716	287.35	541
243.20	2367	256.20	2780	270.45	213		
245.15	668	257.15	753	275.00	200		
247.15	289	259.25	314	276.30	371		
248.35	919	261.15	316	280.10	212		
249.25	533	262.10	801	281.05	375		

BSA BKME 017



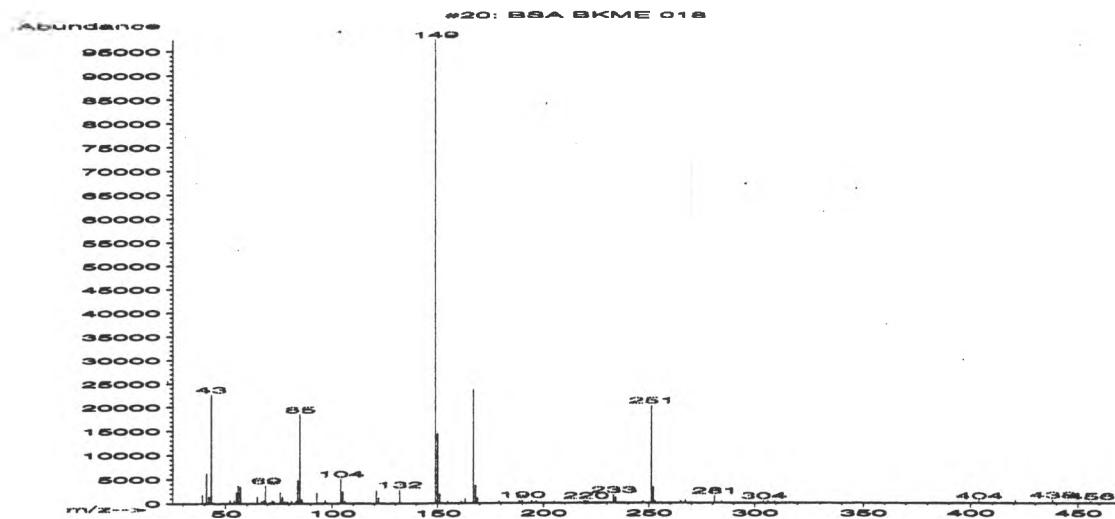
#19: BSA BKME 017
Full Spectrum # 19 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.90	451	56.05	10515	77.10	2826	105.00	3255
39.00	4039	57.05	4382	80.85	422	107.10	337
40.10	1230	65.00	3170	83.00	924	111.20	350
41.05	12479	67.05	870	84.10	10450	120.15	373
42.10	3046	68.25	368	85.05	36112	121.00	4159
43.05	39712	69.05	7213	86.05	2739	122.00	4213
44.00	398	69.85	186	91.10	359	123.05	1539
47.30	404	70.25	353	92.95	2734	124.05	476
49.95	2147	71.00	859	95.20	735	132.05	2898
52.90	1197	75.05	522	98.90	551	132.75	386
55.05	6616	76.05	5681	104.05	8221	133.05	139

#19: BSA BKME 017
Full Spectrum # 19 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
134.95	527	184.25	681	235.50	614		
147.30	575	189.05	362	245.15	339		
149.00	221376	203.05	342	251.10	48264		
150.00	24296	203.90	15	252.05	8829		
151.05	4267	205.05	376	262.95	335		
159.20	339	207.00	971	269.85	465		
163.10	733	213.20	428	307.95	339		
163.80	491	216.90	421	328.25	496		
167.00	44768	218.95	1190				
168.00	3223	233.15	3157				
171.80	348	234.20	465				

BSA BKME 018



#20: BSA BKME 018

Full Spectrum # 20 from F:\BSA_BKME.L

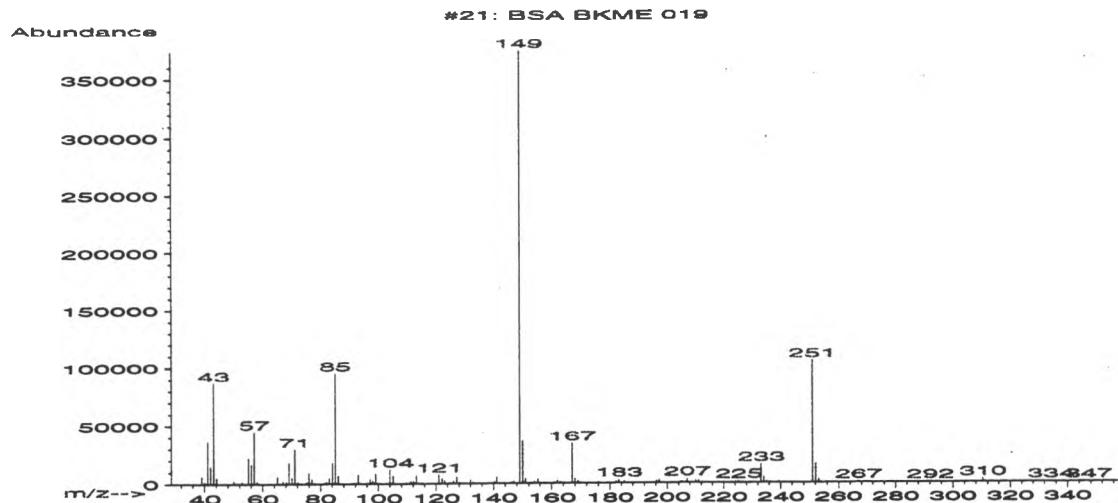
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1720	67.15	428	83.40	478	132.00	2765
41.05	6188	68.15	657	84.10	4782	149.00	97336
42.10	1378	69.10	3660	85.10	18456	150.00	14415
43.10	22680	71.15	206	86.00	781	151.00	1902
44.05	78	72.15	617	92.95	2159	154.80	393
52.10	740	73.15	380	96.90	612	161.10	397
54.05	583	76.05	2285	104.10	5007	163.10	853
55.00	2253	77.00	1352	104.95	2352	167.05	23704
56.00	3622	78.15	482	106.00	430	168.05	3640
57.00	3455	79.25	380	121.00	2581	168.90	1041
65.00	1413	81.20	449	122.05	1099	179.05	415

#20: BSA BKME 018

Full Spectrum # 20 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
188.65	505	251.10	20240	420.80	571		
189.95	596	252.05	3230	438.15	653		
194.35	531	252.85	370	455.95	370		
196.55	422	264.95	441				
205.00	230	267.25	517				
219.10	412	280.90	1428				
220.00	452	284.20	343				
221.10	357	304.15	443				
233.05	1668	306.25	433				
234.10	1114	309.25	398				
247.05	406	403.80	445				

BSA BKME 019



#21: BSA BKME 019

Full Spectrum # 21 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	6366	53.95	373	68.35	458	81.90	754
40.10	1597	55.05	22176	69.10	18288	82.15	1589
41.10	36456	56.10	16688	70.10	5501	83.05	5108
42.10	14832	57.05	44720	71.10	29552	84.10	17792
43.10	86968	58.10	1985	72.15	1670	85.10	94880
44.05	5029	62.95	307	75.10	1640	86.15	6993
50.00	2637	64.15	342	76.05	9428	90.90	481
50.45	286	65.10	6484	77.05	3750	92.00	149
51.10	575	66.00	609	78.05	373	93.05	7656
52.15	425	67.05	2253	80.95	535	93.80	444
52.95	1964	68.10	1373	81.50	309	96.05	911

#21: BSA BKME 019

Full Spectrum # 21 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
97.15	3819	112.30	569	128.10	1163	149.00	374144
98.10	2556	113.05	7059	128.85	321	150.00	36464
99.10	8590	114.05	410	130.95	406	150.95	3928
100.10	657	115.05	442	132.00	3097	152.10	656
102.90	274	121.00	7788	133.05	597	152.90	387
104.00	12209	122.05	3818	139.05	295	153.60	627
105.10	6728	123.05	2379	140.20	1421	154.10	1344
110.00	392	124.15	296	141.15	5318	155.15	3610
110.95	727	125.10	569	145.90	390	156.20	296
111.15	2186	126.05	2418	146.15	915	160.80	765
112.05	1795	127.20	5696	147.05	1861	161.95	2509

#21: BSA BKME 019

Full Spectrum # 21 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
162.95	1031	184.05	363	206.35	564	231.10	273
163.90	733	185.10	1586	207.10	3667	233.15	15950
167.00	34320	186.95	260	207.95	259	234.10	4627
168.00	3860	187.95	505	210.15	2277	235.05	1102
169.10	1981	188.85	322	211.15	2285	235.50	387
170.00	287	190.15	269	216.90	287	236.20	297
176.05	1144	193.35	319	219.20	381	239.10	355
179.15	324	196.20	2178	219.90	76	239.35	730

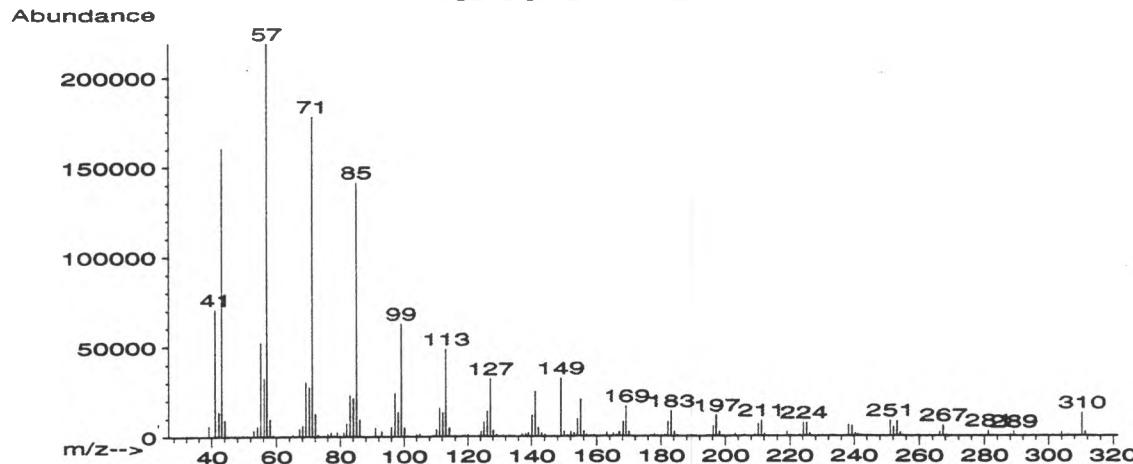
180.05	483	197.20	2641	224.20	1253	251.05	105232
182.15	1859	204.15	511	225.20	1517	252.10	16162
183.15	3080	205.15	984	230.50	254	253.20	3171

#21: BSA BKME 019
Full Spectrum # 21 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
255.95	430	311.15	416				
266.30	852	334.25	561				
267.05	1079	341.20	252				
278.00	289	346.90	344				
282.30	451	347.30	363				
291.20	356						
292.00	561						
295.40	370						
300.30	306						
304.45	431						
310.40	3051						

BSA BKME 020

#22: BSA BKME 020



#22: BSA BKME 020

Full Spectrum # 22 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.35	139	49.80	660	64.35	201	75.05	236
39.05	5813	51.00	695	65.05	1101	76.00	1571
41.10	70808	52.95	3341	65.85	11	77.10	2289
42.15	13561	54.10	5640	66.05	311	78.10	606
43.10	160704	55.05	52352	67.10	4372	79.00	2340
44.10	9079	56.15	32528	68.15	5985	79.90	422
45.05	310	57.05	219072	69.10	30504	81.10	2467
45.50	222	58.05	9599	70.20	27600	82.05	7487
46.20	291	59.05	773	71.15	178304	83.10	23240
47.20	443	61.65	344	72.10	12592	84.15	21560
49.10	214	62.95	387	73.05	1011	85.10	141440

#22: BSA BKME 020

Full Spectrum # 22 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
86.10	9604	105.00	1561	118.65	211	131.05	575
91.00	4807	109.15	392	119.00	583	133.10	731
92.00	275	109.40	556	120.00	936	137.15	1578
93.00	2973	110.15	3860	123.10	59	138.25	1517
96.05	5235	111.15	15692	123.40	587	139.10	2117
97.10	24328	112.15	13303	124.15	2809	140.15	11747
98.10	13521	113.10	48688	125.10	8055	141.15	25040
99.10	62864	114.15	4764	126.15	14140	142.15	4975
100.15	4911	115.95	687	127.15	32200	143.10	1861
101.00	552	117.00	135	128.10	3295	144.20	972
104.00	1129	118.25	210	129.05	1120	146.05	210

#22: BSA BKME 020
Full Spectrum # 22 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
147.00	611	159.20	798	170.10	2457	182.15	7904
149.00	32440	160.10	435	171.00	327	183.15	14042
150.05	2798	161.10	525	172.20	38	184.15	2633
151.10	913	162.00	694	173.80	230	185.10	696
152.10	2686	163.10	2094	175.05	464	186.00	83
153.10	1973	165.10	1606	177.05	846	188.05	429
154.15	9696	166.10	949	178.00	1126	189.15	284
155.10	20624	166.90	2056	179.10	436	189.65	234
156.15	2837	167.15	2267	179.95	400	190.10	478
157.00	982	168.20	8062	180.20	217	191.05	516
158.20	451	169.15	16880	181.15	857	192.05	84

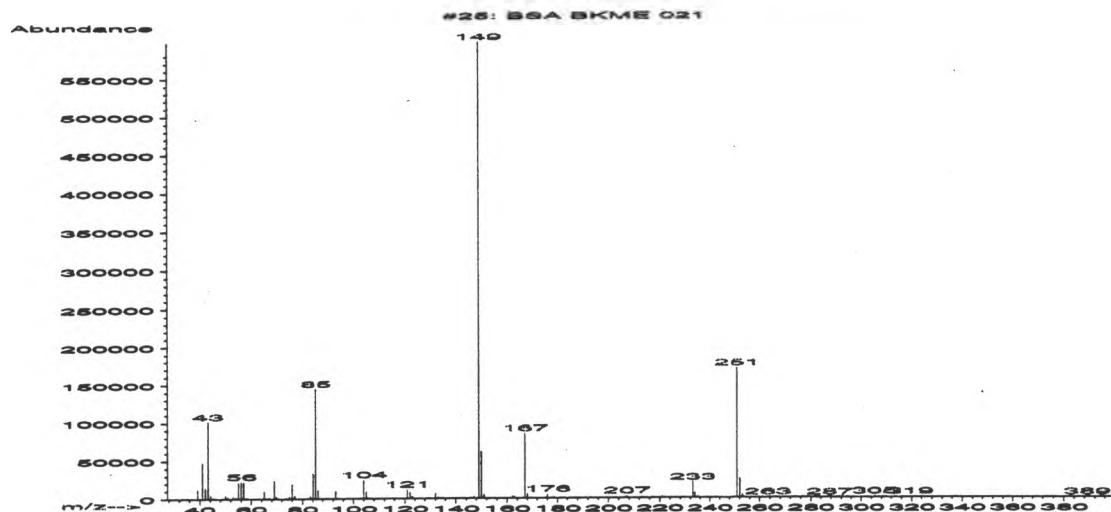
#22: BSA BKME 020
Full Spectrum # 22 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
193.05	103	205.85	747	225.25	7334	238.25	5976
194.35	281	208.30	199	226.25	1464	239.30	5685
194.80	287	209.10	1242	229.00	193	240.05	171
195.10	882	210.15	6723	230.10	433	240.30	1588
196.20	5665	211.15	8565	231.40	215	241.10	1016
197.20	11569	212.20	1301	232.05	120	242.05	436
198.20	2490	216.00	492	232.90	474	244.25	735
199.15	287	219.15	2497	233.15	711	245.20	710
203.10	1429	220.10	397	234.20	169	247.10	315
204.15	174	223.10	706	236.20	165	248.95	333
205.05	493	224.25	7454	237.10	508	251.10	8628

#22: BSA BKME 020
Full Spectrum # 22 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
252.10	5137	267.30	5923	282.70	256	308.15	302
253.20	8239	268.10	98	283.90	370	310.35	12881
254.20	1914	268.30	684	287.25	249	311.30	2274
254.85	215	269.55	286	288.05	843		
255.20	620	270.05	231	289.20	2367		
259.25	354	272.00	355	292.10	274		
259.85	281	279.10	131	292.45	193		
263.15	337	280.25	427	295.25	266		
265.20	267	281.20	2829	300.20	6		
265.90	48	281.65	110	304.05	2106		
266.20	2105	282.15	530	306.35	203		

BSA BKME 021



#25: BSA BKME 021

Full Spectrum # 25 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	12393	55.05	20688	75.00	3043	86.10	11037
40.10	747	56.05	22480	76.05	19072	87.30	582
41.05	47776	57.05	21568	77.05	4351	88.70	417
42.15	13811	58.05	1520	77.95	339	91.10	344
43.10	101240	63.05	388	79.15	390	93.05	9848
44.15	4392	65.05	9817	80.35	506	94.00	798
45.10	341	66.15	522	81.05	384	103.10	505
50.00	4812	67.10	1795	82.05	859	104.05	24624
50.90	2783	69.10	23872	83.10	4461	105.05	8978
52.95	3155	69.95	3087	84.10	33416	105.95	492
54.10	1814	74.15	502	85.10	144704	115.05	509

#25: BSA BKME 021

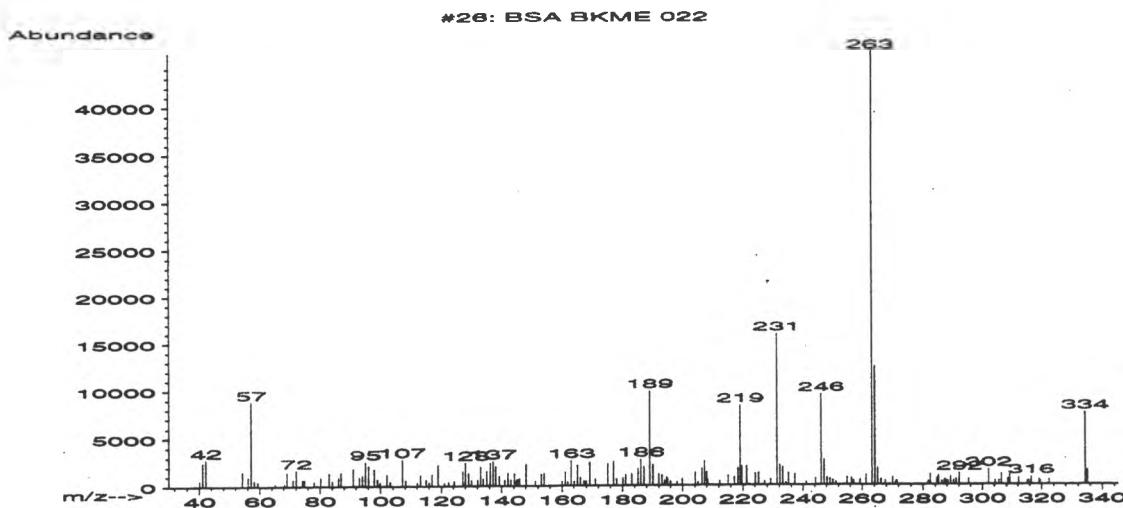
Full Spectrum # 25 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
116.95	437	140.05	352	167.00	85224	193.00	1068
121.00	11695	142.10	1018	168.00	5518	198.95	651
122.05	8282	143.05	826	175.10	1034	203.00	1297
123.00	3105	143.75	461	176.05	5176	203.95	459
129.05	503	145.85	1412	178.05	497	205.15	338
129.85	530	147.05	2518	178.55	393	206.35	394
132.00	6501	149.00	597440	178.95	1181	207.05	2681
133.00	1789	150.00	61400	180.95	391	207.95	482
133.85	375	151.00	4917	182.00	116	213.10	351
134.15	438	162.05	2992	189.05	951	217.10	873
135.05	1546	163.00	2561	191.35	777	220.95	1907

#25: BSA BKME 021
Full Spectrum # 25 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
233.10	20600	287.30	438				
233.95	6269	292.20	421				
235.05	1492	305.20	1582				
251.05	170560	306.25	390				
252.10	24816	313.75	422				
253.10	3940	319.35	1086				
253.95	471	319.75	838				
263.15	699	334.15	373				
264.25	399	337.40	466				
265.95	514	388.85	416				
278.30	337						

BSA BKME 022



#26: BSA BKME 022

Full Spectrum # 26 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
40.10	583	71.10	686	87.00	1403	103.15	422
41.05	2446	72.10	1671	91.05	1804	107.10	2799
42.15	2784	74.10	646	92.00	88	108.15	582
54.20	1475	74.75	672	93.05	911	109.10	52
56.15	940	77.95	455	94.10	1080	112.10	365
57.10	8805	79.05	91	95.05	2566	113.25	1140
58.10	568	80.05	67	96.15	2131	115.05	640
59.35	427	80.25	903	97.90	1794	115.95	346
65.05	264	83.05	1354	99.05	691	116.95	1216
68.15	245	84.05	516	99.90	353	119.00	2184
69.05	1403	86.05	910	102.10	1196	121.00	289

#26: BSA BKME 022

Full Spectrum # 26 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
122.40	398	136.05	186	145.90	758	166.15	855
124.05	189	136.20	2376	148.05	2247	167.30	451
124.30	490	137.20	2589	151.15	457	168.05	460
127.15	1505	138.10	2007	153.10	1202	169.20	2465
128.05	2432	139.20	986	154.10	1274	171.05	657
129.10	1320	141.10	607	160.00	440	175.15	2252
130.05	572	142.15	1302	161.10	1396	177.10	2513
132.05	600	143.10	620	162.00	405	178.10	712
133.00	1984	144.20	1289	163.10	2663	180.15	789
133.85	741	144.65	384	164.05	409	181.10	1106
135.05	1557	145.05	674	165.15	2134	183.05	1219

#26: BSA BKME 022

Full Spectrum # 26 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
185.10	1736	196.05	418	217.15	819	232.15	2072
186.10	2735	198.15	358	218.25	1773	233.15	1839
187.15	1957	199.85	691	219.10	8325	234.25	227
189.10	9890	204.15	1329	219.60	1964	235.00	1241
190.10	2144	205.10	319	221.15	1989	237.20	1117
192.10	1171	206.30	1732	222.25	86	241.05	309
193.10	1063	207.15	2539	224.10	1202	244.25	682
193.95	524	208.00	1363	225.10	1295	246.20	9491
194.25	389	208.25	572	227.20	405	247.20	2628
194.75	828	212.30	458	229.10	641	248.20	769
195.05	682	215.05	1008	231.25	15921	249.15	668

#26: BSA BKME 022

Full Spectrum # 26 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
250.05	509	266.25	579	285.10	921	304.25	432
251.20	319	267.55	422	286.30	384	305.45	419
253.95	43	270.10	765	287.10	574	306.30	1096
254.95	810	271.15	362	287.70	504	308.45	590
256.35	684	271.45	414	288.30	377	309.10	1230
257.10	445	277.10	16	289.30	878	312.15	676
259.25	569	281.05	53	290.20	446	315.15	395
261.25	1027	281.70	376	291.05	639	315.65	436
263.20	45632	282.35	1089	292.15	1204	316.45	811
264.20	12424	284.50	666	295.30	602	319.15	597
265.15	1754	284.80	779	302.05	1596	319.45	396

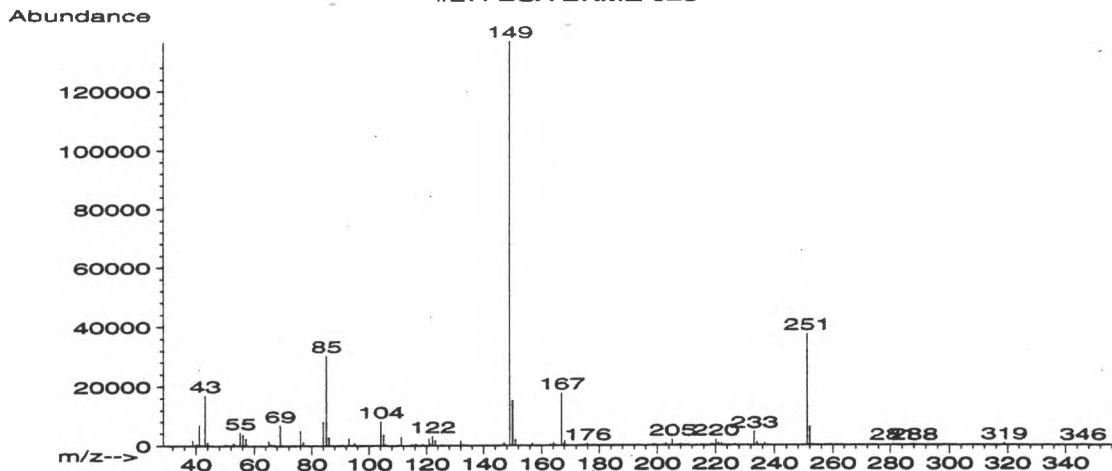
#26: BSA BKME 022

Full Spectrum # 26 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
322.45	547						
334.35		7551					
335.15		1552					

BSA BKME 023

#27: BSA BKME 023



#27: BSA BKME 023

Full Spectrum # 27 from F:\BSA_BKME.L

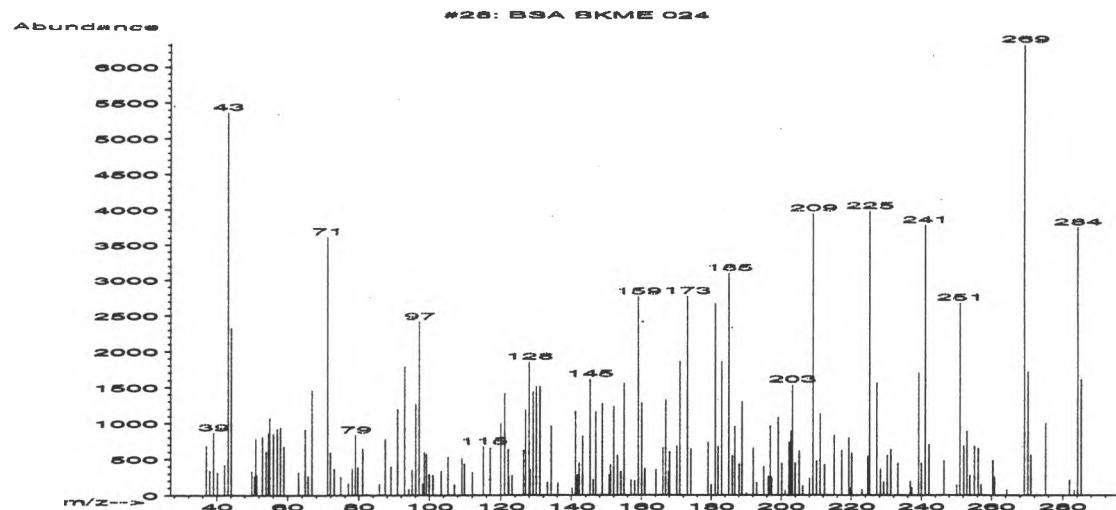
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.95	1793	65.05	1535	93.00	2316	120.90	2288
40.10	554	65.65	338	94.70	573	121.15	927
41.10	6991	66.05	410	95.10	741	122.10	3105
43.10	16984	67.05	455	104.10	8198	123.15	1786
44.05	1104	69.05	6863	105.05	3662	132.00	1544
50.05	387	76.05	4935	105.80	350	132.95	342
52.75	791	77.00	1168	111.15	2992	146.95	979
53.05	644	84.05	8075	115.05	432	147.40	379
55.05	4356	85.10	30328	116.35	673	149.00	136512
56.10	3700	86.00	2813	118.45	354	149.95	15136
57.10	2400	90.90	344	118.95	356	150.95	1949

#27: BSA BKME 023

Full Spectrum # 27 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
152.35	41	203.00	705	234.10	966		
156.80	788	205.10	1944	236.60	638		
163.10	459	208.05	466	251.10	37336		
164.15	965	218.50	436	252.05	6157		
164.80	340	219.20	445	280.90	404		
167.05	17640	220.15	1901	288.10	437		
167.90	568	221.05	805	298.40	358		
168.10	1551	222.15	517	318.75	657		
175.90	535	226.70	429	345.90	402		
193.15	335	231.00	388				
198.75	421	233.05	4557				

BSA BKME 024



#28: BSA BKME 024

Full Spectrum # 28 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	681	53.05	814	66.75	1461	85.90	156
37.95	342	54.05	608	71.10	3614	87.50	776
39.05	868	54.65	867	71.95	593	89.10	399
40.15	312	55.05	1074	73.05	369	91.05	1197
42.10	420	56.10	854	74.85	260	93.00	1787
43.10	5361	57.10	926	77.05	167	94.15	86
44.05	2329	58.00	944	78.15	370	95.05	351
50.05	336	59.05	675	79.05	838	96.05	1267
50.80	268	63.05	316	79.75	388	97.10	2417
51.15	785	64.85	909	81.10	647	98.05	160
51.45	280	65.65	264	82.15	15	98.50	598

#28: BSA BKME 024

Full Spectrum # 28 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
99.15	568	117.05	654	129.95	1513	146.15	216
100.00	290	120.00	1002	131.00	1515	146.85	1162
101.00	278	121.05	1419	133.10	185	147.95	2
103.40	338	122.05	639	134.20	965	148.80	1274
105.30	527	122.25	271	136.15	169	150.80	282
107.05	151	123.15	276	140.20	104	151.10	424
109.15	516	126.30	626	141.10	1167	152.05	1240
109.90	440	127.00	1194	141.65	280	153.10	555
112.10	320	128.00	1857	142.15	446	154.15	331
112.75	10	128.25	359	143.10	823	155.00	1554
115.10	673	129.05	1441	145.20	1613	157.05	211

#28: BSA BKME 024

Full Spectrum # 28 from F:\BSA_BKME.L

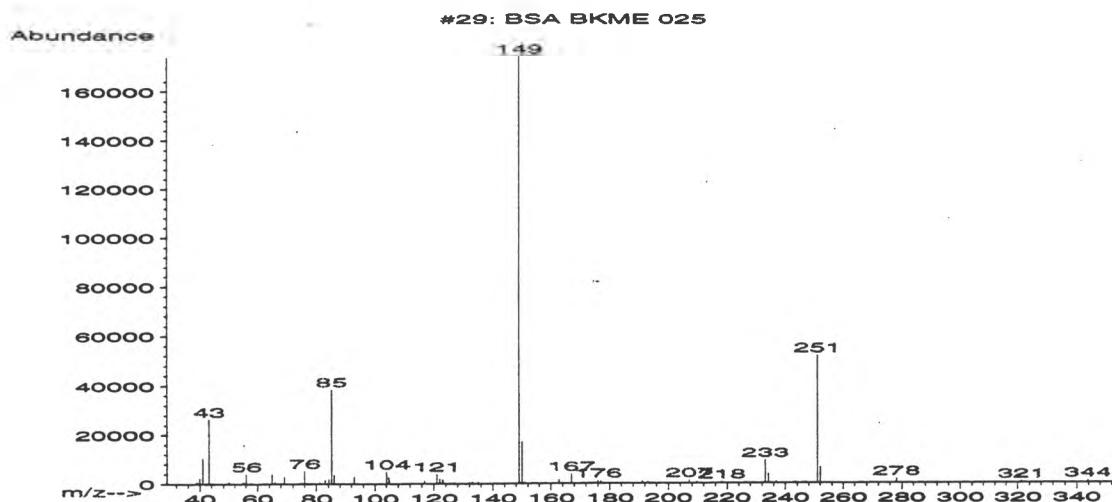
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
158.15	200	173.10	2777	188.95	1300	202.15	737
159.10	2771	174.15	643	190.15	29	202.70	890
160.15	1283	179.10	734	192.10	654	203.15	1538
161.05	371	180.00	148	193.05	174	203.95	446
164.20	357	181.20	2674	195.10	401	205.15	614
166.20	658	182.05	682	196.35	266	206.15	128
167.05	1328	183.05	1858	196.90	963	208.10	239
167.80	327	185.10	3108	197.25	244	209.10	3955
168.10	605	186.05	548	199.15	1087	210.05	474
170.10	683	186.85	961	200.15	445	211.10	1138
171.05	1862	188.05	428	201.10	63	212.30	425

#28: BSA BKME 024

Full Spectrum # 28 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
215.05	834	230.10	554	251.10	2688	270.20	1723
217.20	621	231.10	639	252.20	686	271.05	559
219.30	800	233.10	449	253.10	889	275.10	1006
219.65	103	236.75	195	253.95	279	281.85	210
220.15	585	237.20	101	255.20	682	283.20	69
223.10	76	239.25	1706	256.30	651	284.15	3768
224.60	540	240.05	446	257.10	149	285.15	1613
225.15	3991	241.10	3796	260.35	482		
227.15	1564	242.20	703	260.85	256		
228.20	365	246.55	478	264.30	79		
229.15	181	250.20	141	269.20	6324		

BSA BKME 025



#29: BSA BKME 025

Full Spectrum # 29 from F:\BSA_BKME.L

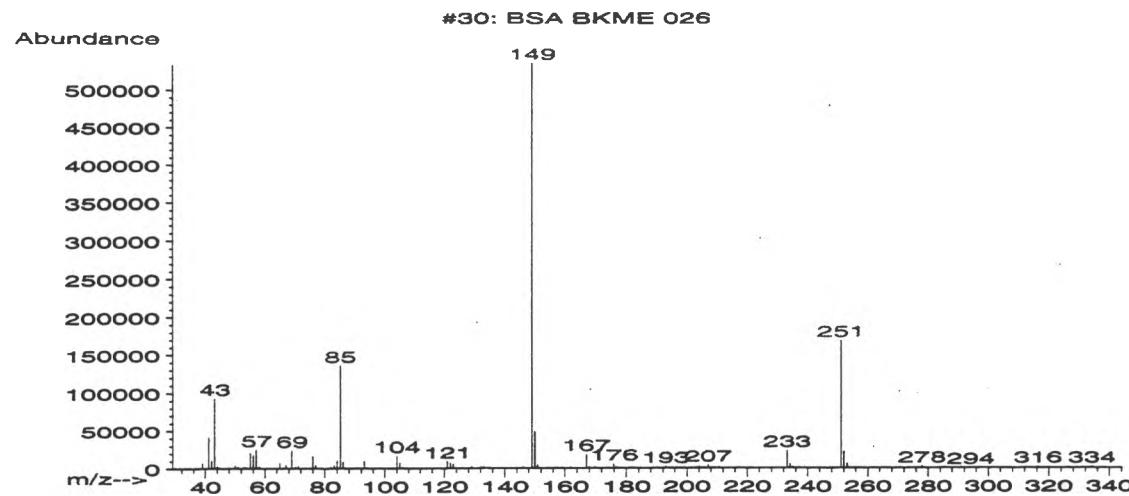
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	772	68.20	456	104.05	4928	150.00	16992
39.95	2202	69.15	2911	104.80	2583	151.00	559
41.05	10236	74.85	561	105.10	1557	162.80	1379
43.10	26472	76.05	5215	116.85	1246	167.00	3885
44.05	249	77.10	376	121.00	3815	174.70	502
49.95	781	81.20	604	122.05	1910	176.00	1049
55.15	766	82.90	1445	123.00	1507	177.05	721
56.05	4006	84.10	2028	132.05	567	191.15	728
65.05	3989	85.10	38480	133.05	609	192.85	568
65.95	672	86.05	3633	135.05	624	207.05	1230
67.05	144	93.00	2851	149.00	173824	209.70	523

#29: BSA BKME 025

Full Spectrum # 29 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
218.10	535						
233.10	9384						
234.20	3792						
236.90	626						
243.25	530						
246.75	542						
251.05	51880						
252.10	6512						
278.10	1728						
321.15	632						
343.70	960						

BSA BKME 026



#30: BSA BKME 026

Full Spectrum # 30 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.00	7476	55.05	20912	76.05	16784	91.90	534
40.10	1186	56.05	17464	77.05	4292	93.05	9993
41.10	41104	57.10	25072	79.15	691	94.00	998
42.15	10534	58.05	2262	82.05	2029	102.70	544
43.10	93032	65.00	7608	83.10	4584	104.00	17112
44.05	2728	66.05	570	84.10	10621	105.00	7384
44.90	568	67.05	4924	85.10	135680	106.05	1436
50.00	3706	69.05	24272	86.05	8668	107.40	902
51.00	1752	70.15	1903	87.00	527	121.00	9513
53.10	2382	71.10	3037	87.30	552	122.00	7047
54.05	880	75.05	1265	90.90	1667	123.05	5606

#30: BSA BKME 026

Full Spectrum # 30 from F:\BSA_BKME.L

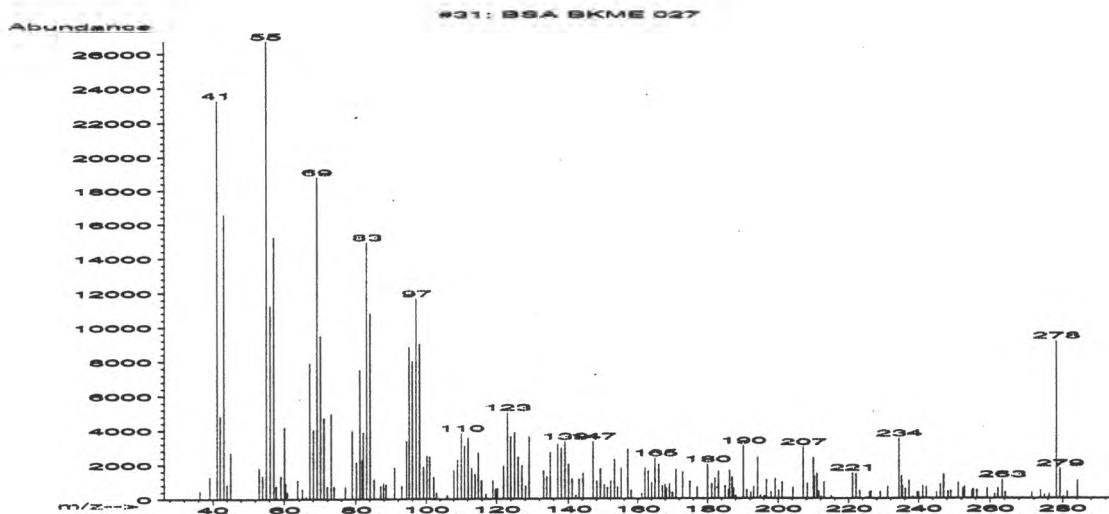
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.80	418	162.05	1994	193.00	2514	234.10	5417
129.05	2183	167.05	18456	202.85	814	235.05	1500
132.10	2650	168.00	1755	203.25	611	237.10	523
133.00	2369	169.90	1364	204.05	2249	251.05	168512
135.05	842	175.05	292	205.95	640	252.05	22208
146.00	1589	175.95	5777	207.05	4458	253.05	6125
149.00	533568	177.00	1304	207.95	142	276.90	515
150.00	48680	184.75	527	208.65	89	277.95	2631
150.90	4458	188.65	1190	210.70	1294	287.10	603
157.10	1049	190.05	1302	220.85	641	291.10	1783
159.00	767	192.25	628	233.10	23128	294.10	586

#30: BSA BKME 026

Full Spectrum # 30 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
316.35	2034						
334.10	2079						

BSA BKME 027



#31: BSA BKME 027

Full Spectrum # 31 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.40	450	57.15	15256	68.10	4050	81.80	2309
39.15	1285	57.75	763	69.10	18784	82.10	3909
41.10	23272	58.05	55	70.10	9509	83.10	14938
42.05	4823	59.05	1335	71.10	4736	84.05	10814
43.10	16560	60.05	4192	72.05	742	85.10	1128
44.05	830	60.35	900	73.05	4967	87.00	760
45.05	2683	60.85	393	73.90	737	87.90	935
53.05	1789	63.70	1102	77.05	726	88.60	825
54.10	1359	65.05	595	79.00	3990	91.00	1825
55.05	26728	66.15	117	80.15	2156	93.05	779
56.15	11257	67.10	7912	81.15	7539	94.35	3400

#31: BSA BKME 027

Full Spectrum # 31 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.10	8855	109.10	2295	120.25	600	135.10	2698
96.05	8010	110.10	3829	122.05	1933	137.10	3201
97.10	11672	111.10	3086	123.10	5047	138.10	2954
98.10	9036	112.10	3540	124.00	3635	139.10	3350
99.15	1877	113.10	1786	125.10	3889	140.15	2024
100.15	2553	114.10	1431	126.05	2442	141.15	1179
100.95	2482	115.00	2689	127.10	1960	142.20	209
102.20	1288	115.95	1077	128.10	762	143.10	1157
103.00	369	117.10	278	129.05	3611	144.25	1492
106.05	206	119.05	1077	133.15	1634	147.05	3341
108.10	1686	119.75	591	134.10	1303	148.10	1036

#31: BSA BKME 027

Full Spectrum # 31 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
149.10	1745	163.10	1614	175.10	1010	187.95	170
150.15	814	164.15	934	177.05	664	190.15	3074
151.10	663	165.15	2392	180.00	2004	191.15	513
152.10	1034	166.20	2020	181.15	877	192.35	354
153.15	2290	167.20	767	182.10	1189	193.15	690
154.05	685	168.05	825	183.10	1598	194.20	2436
155.15	1773	168.40	611	185.00	753	195.05	196
157.05	2896	169.30	870	185.95	518	196.15	160
158.05	495	170.10	383	186.20	1633	196.75	1101
161.10	333	171.10	1706	186.95	1241	198.05	372
162.15	1819	173.05	1557	187.35	615	199.15	1172

#31: BSA BKME 027

Full Spectrum # 31 from F:\BSA_BKME.L

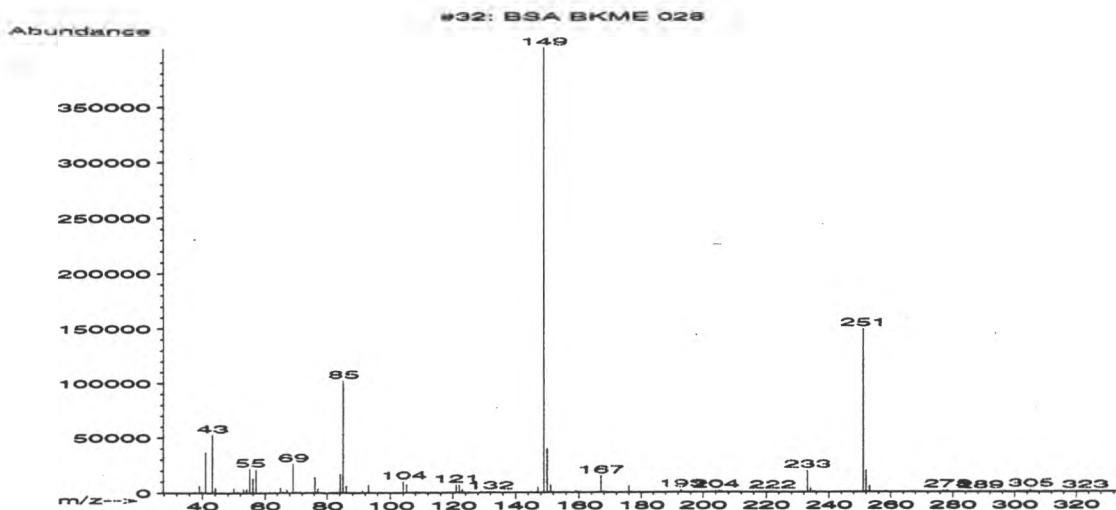
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
200.15	480	214.95	160	235.30	728	248.25	415
201.10	963	221.10	1496	236.15	562	249.10	455
204.15	636	222.10	1454	237.20	1045	251.15	925
207.10	3007	223.20	471	238.30	116	252.45	595
208.25	865	225.15	57	239.50	367	252.90	684
209.95	2396	225.90	363	240.00	371	255.00	480
210.20	1303	226.40	432	241.10	734	255.35	537
211.00	1451	229.00	422	242.15	654	256.35	490
211.40	411	231.05	692	245.15	377	259.15	602
212.15	123	234.30	3517	246.25	826	261.20	260
213.00	937	235.05	1322	247.10	1418	262.15	615

#31: BSA BKME 027

Full Spectrum # 31 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
263.30	1102						
264.20	364						
271.45	358						
273.90	483						
275.05	229						
276.30	272						
278.25	9174						
279.30	1736						
280.20	91						
281.30	420						
284.05	1047						

BSA BKME 028



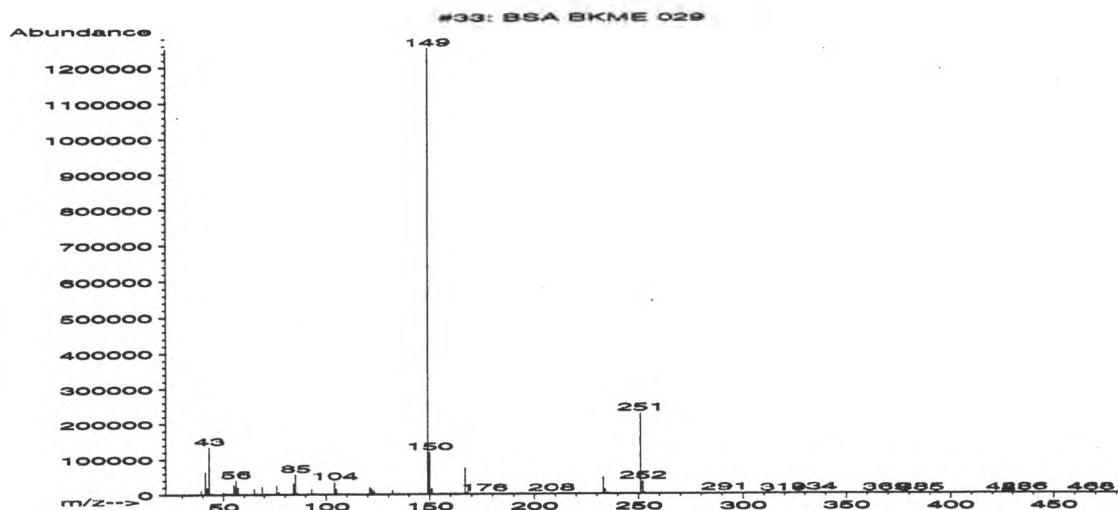
#32: BSA BKME 028
Full Spectrum # 32 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.80	857	55.05	21920	77.10	3667	108.20	1018
39.10	6133	56.05	13239	82.20	539	111.00	509
39.90	1142	57.10	21376	83.00	1006	120.95	7141
41.10	36888	65.05	4386	84.10	16920	122.05	6890
43.10	52864	65.95	867	85.10	102488	123.00	2816
44.05	4594	67.05	3081	86.10	6161	128.95	1552
45.60	523	69.10	26640	91.15	2097	131.25	902
49.95	4324	69.95	1276	92.00	515	131.90	1272
51.05	923	71.10	959	93.00	7260	133.05	1046
53.05	3813	75.10	547	104.05	10509	145.10	586
54.10	3720	76.15	14038	105.05	7407	147.10	4845

#32: BSA BKME 028
Full Spectrum # 32 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
149.00	402816	177.00	648	222.00	1012	277.10	1243
150.00	39712	185.15	750	222.30	534	278.10	1807
151.05	6526	191.05	140	233.10	19776	288.90	685
152.00	822	192.95	2419	234.15	3509	304.10	343
159.10	1879	202.15	514	235.00	630	305.15	2190
160.00	1317	203.00	981	235.30	565	322.85	706
163.05	199	203.95	1821	251.05	149120		
165.30	542	205.10	1535	252.05	19616		
167.00	15291	205.85	953	253.10	5339		
168.05	1103	209.50	812	258.45	980		
176.00	5514	220.10	809	267.75	572		

BSA BKME 029



#33: BSA BKME 029

Full Spectrum # 33 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.40	250	52.10	1488	66.05	2786	77.95	327
37.30	528	52.75	1073	67.00	2482	82.40	462
38.10	358	53.10	3626	69.10	22752	83.00	942
39.10	11968	54.15	1716	70.25	1115	83.25	2211
41.10	63496	55.05	27560	71.05	3146	84.10	32112
42.10	19184	56.05	40520	73.05	255	85.10	56912
43.10	135296	57.10	19624	73.95	446	86.05	4461
44.05	4428	57.90	319	74.25	892	89.90	325
48.30	334	58.15	279	75.00	1421	90.95	1226
50.05	6948	63.05	605	76.05	25368	91.50	381
51.00	3935	65.05	15425	77.10	7972	91.80	371

#33: BSA BKME 029

Full Spectrum # 33 from F:\BSA_BKME.L

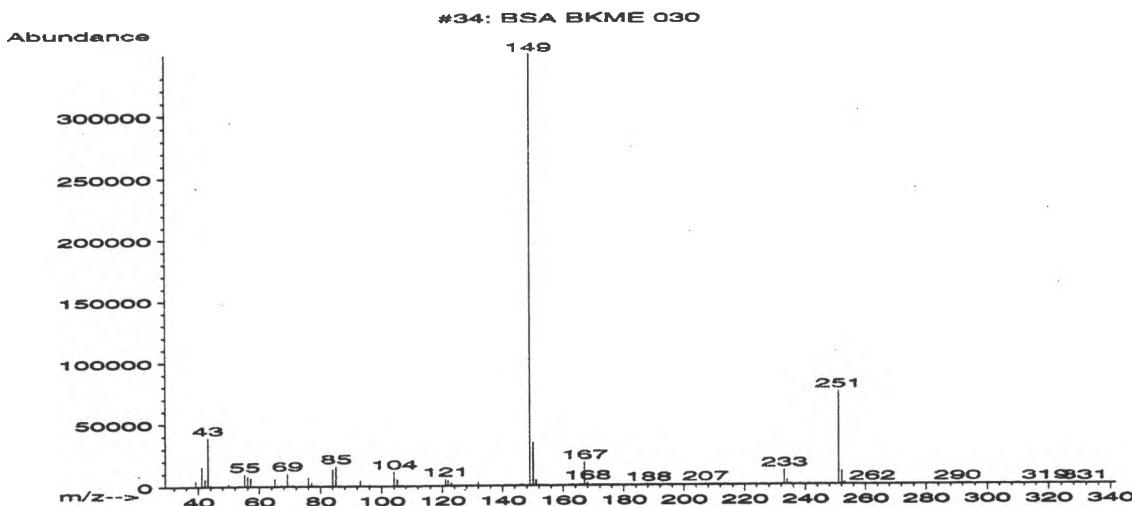
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.10	250	128.05	265	146.00	1554	167.00	74392
93.00	14938	128.95	42	146.90	541	168.00	6156
94.00	1427	131.95	11270	149.00	1251840	169.05	1140
104.05	35776	133.05	1144	150.00	119160	176.00	2073
105.00	14955	135.05	2700	151.00	16052	178.35	348
105.95	1902	135.75	319	151.90	282	178.75	286
117.75	548	136.25	341	154.80	299	179.00	1078
121.05	20296	136.95	335	160.95	606	183.15	384
122.00	14601	143.15	443	161.30	295	187.95	502
123.00	9668	144.25	267	162.05	1955	189.05	1603
123.95	949	145.25	1063	163.05	1182	190.95	333

#33: BSA BKME 029

Full Spectrum # 33 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
192.95	421	248.85	350	291.80	645	404.10	254
194.15	447	251.05	228544	292.10	259	425.00	287
197.05	315	252.05	36464	311.75	288	427.80	296
207.00	328	253.10	4419	318.75	255	434.35	357
208.05	1512	255.35	389	319.25	294	435.65	609
217.00	422	262.90	780	334.20	1419	438.85	373
233.10	47176	269.35	327	335.90	285	467.70	273
234.05	12765	278.00	1458	338.80	288		
235.05	2823	280.95	270	363.70	271		
237.00	416	289.20	352	368.75	316		
247.45	378	291.20	2786	385.45	265		

BSA BKME 030



#34: BSA BKME 030

Full Spectrum # 34 from F:\BSA_BKME.L

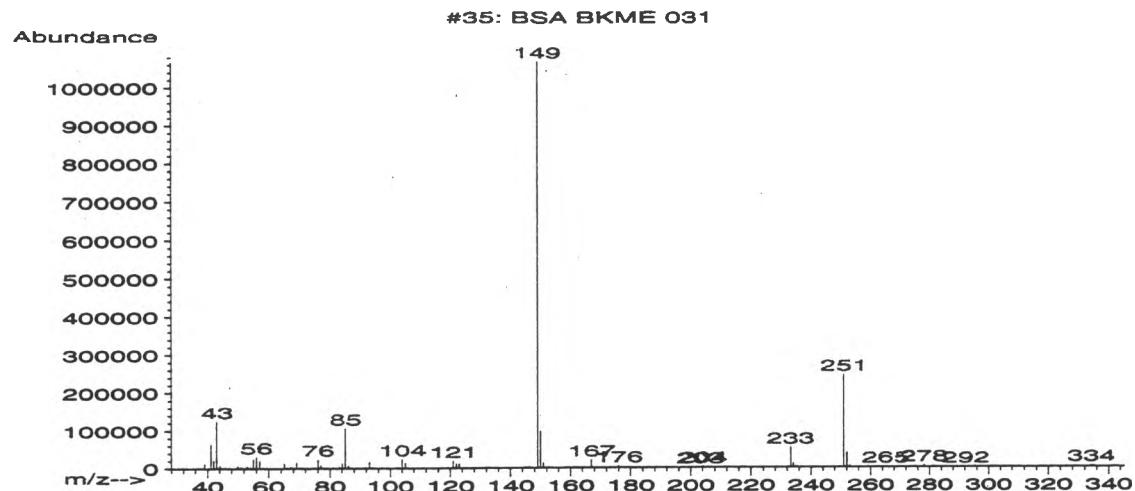
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.15	4376	56.05	8088	76.75	553	105.05	5147
40.00	394	57.10	6803	77.10	2461	105.90	359
41.10	15542	63.95	463	78.05	424	121.05	5239
42.20	5793	65.00	5938	82.30	369	121.95	4131
43.10	38776	67.10	987	82.90	512	122.95	2102
44.05	913	68.15	472	84.10	13387	132.00	2876
50.00	1739	69.10	10226	85.10	15615	133.05	45
51.05	583	70.05	571	93.00	4399	141.95	366
53.05	651	71.00	827	94.10	398	146.00	663
54.05	372	73.75	421	96.20	675	146.50	693
55.05	9494	76.05	6885	104.00	11402	146.90	385

#34: BSA BKME 030

Full Spectrum # 34 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
149.00	348096	188.15	538	241.05	617		
150.00	34184	198.95	345	248.95	657		
150.95	4428	203.85	366	251.05	74976		
151.90	468	207.00	960	252.10	10640		
161.90	527	208.15	472	252.95	1802		
163.05	814	209.05	103	262.25	539		
165.90	661	213.60	575	263.15	479		
167.00	18360	223.80	482	290.20	561		
167.95	2078	233.05	11648	290.90	396		
174.10	348	234.00	3645	318.85	571		
187.45	357	235.00	623	331.55	404		

BSA BKME 031



#35: BSA BKME 031
Full Spectrum # 35 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.90	661	52.25	746	67.10	4022	80.85	578
39.05	12876	53.00	5321	68.10	2693	81.15	305
40.20	1993	53.90	1976	69.10	15326	82.00	1025
41.10	63168	54.15	1480	70.15	1400	83.15	4001
42.10	21288	55.05	25272	71.05	565	84.15	12856
43.10	124728	56.05	30744	74.15	1602	85.10	106736
44.10	6839	57.10	19016	75.05	1917	86.10	6014
45.15	1139	58.05	1706	76.05	23712	87.10	1165
47.40	499	63.95	438	77.05	7104	88.80	421
50.00	6227	65.05	11399	78.05	1102	91.05	1480
51.05	3046	66.10	2056	79.00	1249	92.00	1378

#35: BSA BKME 031
Full Spectrum # 35 from F:\BSA_BKME.L

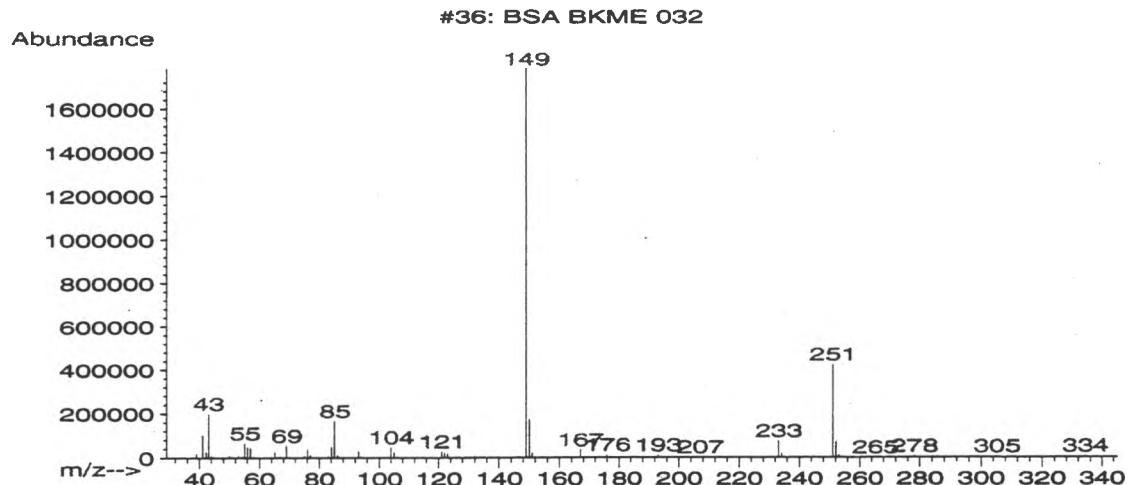
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
93.00	16976	111.00	399	146.10	3253	162.90	533
93.90	385	119.15	398	147.10	1089	164.00	749
94.40	578	121.00	19160	149.00	1067008	167.00	20776
97.15	267	122.00	11263	150.00	97360	167.90	1337
98.95	1315	123.00	10930	150.95	13013	176.00	4521
102.00	365	124.00	948	152.05	1614	177.05	459
102.80	610	132.00	2390	152.90	452	188.15	413
103.05	2030	133.10	2742	158.90	479	189.10	794
104.00	24336	135.05	1188	159.20	374	189.75	488
105.05	13784	137.10	153	161.10	1443	190.05	458
106.00	685	145.05	579	162.05	1162	190.95	546

#35: BSA BKME 031

Full Spectrum # 35 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
191.65	506	217.90	380	281.05	1425		
193.05	496	232.10	1792	282.00	508		
202.85	535	233.15	52664	289.20	644		
203.15	858	234.05	9942	290.90	735		
204.10	2615	235.05	2139	291.20	1430		
205.05	583	251.05	244928	292.20	491		
205.75	496	252.05	38256	295.30	424		
207.05	1811	253.10	3672	300.95	264		
208.15	385	265.05	883	304.95	416		
211.10	775	278.15	4567	334.10	3246		
217.00	1462	279.05	136	335.25	1647		

BSA BKME 032



#36: BSA BKME 032
Full Spectrum # 36 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	17856	55.05	64024	71.05	1064	81.60	340
41.10	100504	56.05	47456	72.90	1047	82.15	1811
42.20	26040	57.05	43176	73.80	1026	83.10	6958
43.10	197632	58.10	2479	74.25	440	84.10	47144
44.10	7020	62.95	884	75.00	6213	85.10	165632
46.15	250	65.05	24144	76.05	38280	86.10	11307
50.00	9612	66.05	3745	77.05	12734	91.05	1654
50.95	3914	67.00	5959	78.15	528	92.00	1153
52.10	1163	68.00	957	79.00	1648	93.05	28520
53.00	7505	69.05	53408	79.95	772	94.05	1528
54.05	6523	70.10	3616	80.95	841	95.00	379

#36: BSA BKME 032
Full Spectrum # 36 from F:\BSA_BKME.L

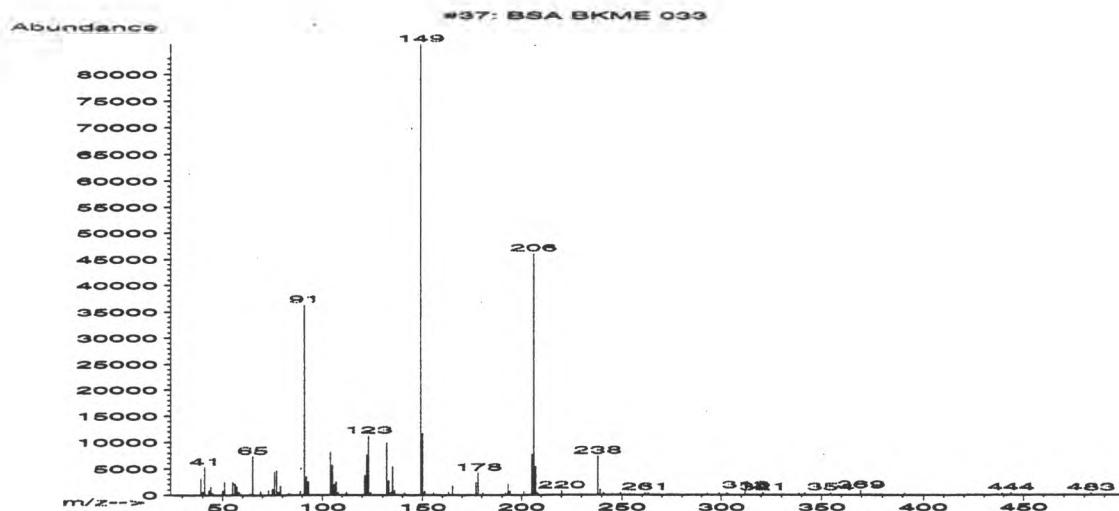
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
97.10	838	118.95	432	133.00	2879	150.00	170176
98.20	428	121.00	26624	135.05	2647	151.00	19288
103.10	1387	122.00	21664	135.90	900	152.00	814
104.05	46200	123.00	16624	140.35	349	159.15	1188
105.05	22912	123.85	473	144.75	417	160.15	1213
106.00	1778	124.10	1253	145.20	352	161.05	226
107.00	368	127.15	502	145.40	341	162.05	1386
109.50	468	127.95	387	146.05	1702	162.90	1989
112.30	538	129.05	2756	146.30	1285	163.85	1377
114.95	406	131.20	1714	146.80	2172	165.10	687
118.15	335	132.00	6559	149.00	1782272	165.90	419

#36: BSA BKME 032

Full Spectrum # 36 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
167.00	34184	193.00	9977	233.10	73744	279.20	347
168.05	1720	194.05	566	234.15	17920	283.00	511
176.05	12080	203.05	5208	235.15	1891	291.00	455
177.00	2201	203.85	829	251.05	423104	305.10	4859
178.85	597	205.10	943	252.10	70136	306.15	424
179.95	436	207.05	1026	253.10	9415	328.65	619
185.95	362	207.95	819	254.05	386	334.30	4924
187.10	1049	209.00	458	263.55	348	335.25	1323
188.05	1491	216.90	503	265.15	361		
188.85	875	218.80	1002	277.05	1675		
189.75	338	227.15	53	278.10	6088		

BSA BKME 033



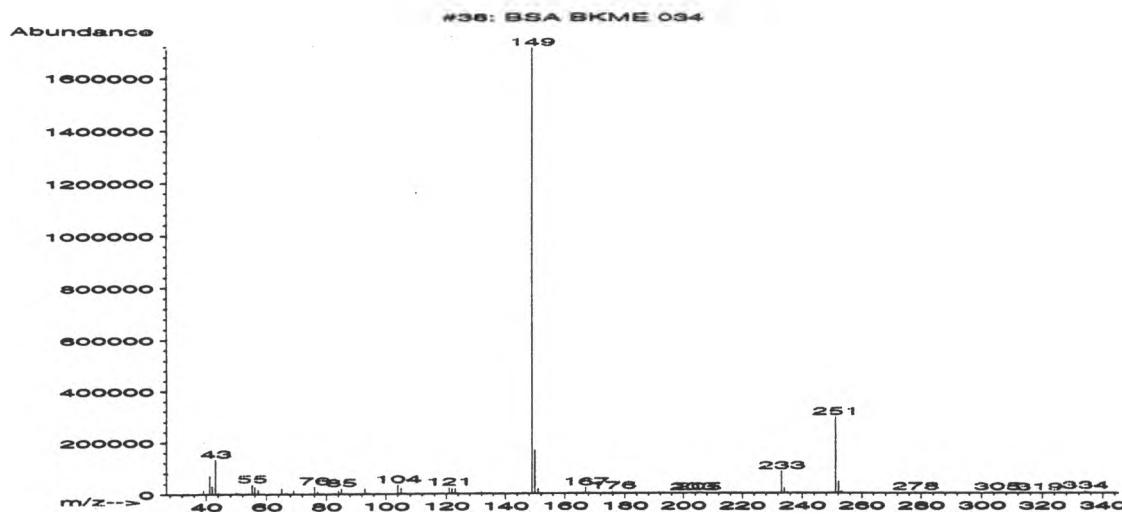
#37: BSA BKME 033
Full Spectrum # 37 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	3192	57.05	1576	78.35	505	106.95	2437
40.00	634	58.05	568	79.00	1712	108.00	491
41.10	5266	58.45	367	83.20	343	112.10	482
43.20	873	63.65	340	83.90	266	121.10	3671
44.00	1528	65.05	7361	89.00	772	122.00	7617
45.10	340	69.10	687	91.00	36280	123.00	11251
50.00	876	73.15	917	92.05	3426	124.05	444
51.00	2430	75.10	1253	93.05	2543	132.00	9870
55.05	2457	76.05	4425	104.05	8130	133.00	2732
56.05	2174	77.10	4654	105.05	5569	133.85	416
56.75	1204	77.95	568	106.00	1951	134.35	404

#37: BSA BKME 033
Full Spectrum # 37 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
134.95	5317	176.90	2368	208.00	377	312.05	802
136.00	823	178.10	4232	220.20	838	320.95	491
140.95	390	180.45	364	238.00	7368	338.70	347
149.00	85808	191.85	351	239.10	1016	341.60	348
150.00	11647	193.10	2033	240.85	379	354.60	438
150.70	351	193.75	396	249.25	523	369.55	922
151.00	741	194.05	736	261.45	454	390.85	407
155.60	436	201.05	663	263.05	349	439.15	341
163.10	582	205.10	7647	293.10	356	443.65	461
165.05	1734	206.05	46088	299.00	393	483.25	394
166.95	8	207.05	5373	302.90	424		

BSA BKME 034



#38: BSA BKME 034

Full Spectrum # 38 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.90	308	52.85	1253	67.05	5747	76.05	28400
37.20	285	53.10	2892	67.85	1204	77.10	8808
39.10	16011	54.10	4239	68.25	609	78.05	1525
40.10	1363	55.10	36464	69.10	13789	79.10	1006
41.10	70896	56.05	27960	69.85	259	79.85	271
42.05	30080	57.05	15919	70.15	455	82.00	1360
43.10	133504	58.05	322	71.05	743	83.05	4203
44.05	5200	62.95	423	72.95	420	84.10	12589
50.00	6028	64.05	311	74.00	746	85.05	20168
50.95	3832	65.05	21848	74.25	290	86.10	1264
52.10	642	66.10	1651	75.00	2063	86.25	664

#38: BSA BKME 034

Full Spectrum # 38 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
87.10	454	104.00	34432	123.05	18032	142.95	273
90.95	1742	105.05	21872	124.00	1609	144.75	279
91.95	2704	106.05	2478	125.05	22	145.95	2764
93.00	19696	106.80	274	127.95	543	146.85	2081
93.90	1232	110.50	282	131.05	1098	147.20	1524
94.70	84	114.95	402	132.00	5258	149.00	1710080
97.15	916	117.65	303	133.00	2703	150.00	166976
98.10	451	117.95	556	133.75	374	151.00	17456
99.15	794	119.85	690	135.00	2207	151.75	900
100.40	311	121.00	23104	135.95	268	152.00	265
101.80	307	122.00	17600	138.15	614	155.10	329

#38: BSA BKME 034

Full Spectrum # 38 from F:\BSA_BKME.L

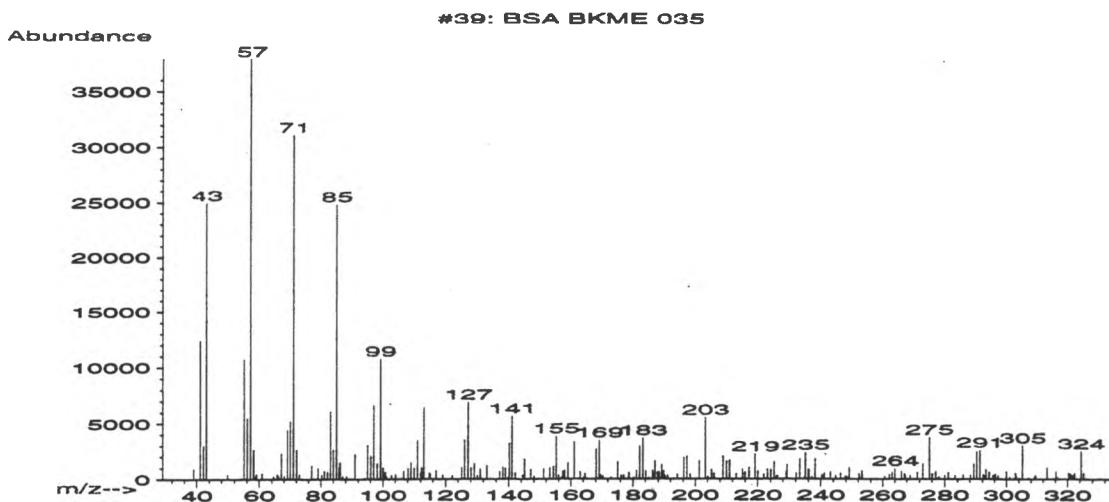
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.10	260	176.05	6924	201.15	559	233.10	84256
159.20	271	176.65	420	203.10	2614	234.10	19104
161.00	889	177.00	1035	205.00	1603	235.10	2838
161.95	1272	185.05	440	206.10	939	238.70	257
163.20	379	187.10	845	207.00	881	249.25	325
164.05	1240	187.35	371	208.05	547	251.10	294336
164.90	406	188.00	2025	209.00	824	252.10	43744
165.80	342	189.00	656	216.90	493	253.05	5962
167.00	21912	192.95	1814	220.00	846	254.05	799
168.00	2739	194.05	386	220.95	159	274.20	303
174.10	417	195.10	170	231.00	632	277.15	913

#38: BSA BKME 034

Full Spectrum # 38 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
278.05	3710	318.95	381				
278.60	553	334.20	7644				
281.10	953	335.20	2578				
281.50	370						
283.10	252						
285.40	489						
289.25	865						
291.00	342						
295.10	312						
299.50	390						
305.15	1696						

BSA BKME 035



#39: BSA BKME 035

Full Spectrum # 39 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	937	59.15	460	73.05	426	87.10	276
40.10	57	60.95	513	77.05	1215	88.30	255
41.10	12401	64.55	276	79.05	998	91.00	2255
42.20	2988	65.85	474	80.35	385	94.25	95
43.10	24928	66.25	295	81.10	766	95.05	3077
49.95	368	67.10	2285	82.15	691	96.10	2054
55.05	10688	68.10	298	83.10	6111	97.05	6637
56.10	5462	69.10	4422	84.05	2645	98.10	1405
57.10	37920	70.10	5196	85.05	24784	99.15	10767
58.10	2612	71.10	31080	85.90	1060	100.05	1026
58.85	336	72.15	2656	86.20	1480	100.70	639

#39: BSA BKME 035

Full Spectrum # 39 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
101.05	225	113.05	6452	128.10	1021	141.10	5661
102.70	369	114.05	29	129.15	1394	142.15	599
104.10	401	114.85	548	130.05	330	144.35	349
106.25	100	115.20	481	130.60	22	145.05	1779
106.70	724	117.05	786	131.05	896	147.00	868
108.10	973	119.05	372	133.10	1217	148.00	255
109.05	1491	119.95	64	137.10	712	151.10	923
110.10	1027	122.10	330	138.20	1106	153.10	1002
111.15	3493	125.10	1054	139.05	997	154.20	1142
112.15	628	126.05	3525	139.90	181	155.15	3840
112.40	1040	127.15	6915	140.20	3271	156.05	340

#39: BSA BKME 035

Full Spectrum # 39 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.95	153	170.15	97	184.10	741	194.20	431
157.30	709	170.40	272	185.05	129	196.20	1925
157.95	774	173.05	186	186.25	794	197.25	2028
159.15	1459	175.10	1550	187.05	1588	198.25	440
161.10	3329	176.20	359	187.85	647	201.20	1619
163.05	671	177.10	392	188.35	655	203.25	5517
164.15	110	178.75	608	189.15	1287	204.10	233
164.60	491	180.15	132	189.75	718	205.20	851
168.15	2675	181.05	796	190.20	281	206.10	535
169.20	3468	182.15	2962	191.05	359	208.95	2040
169.70	361	183.20	3683	193.10	33	210.15	1582

#39: BSA BKME 035

Full Spectrum # 39 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
211.10	1699	225.20	1540	237.20	201	252.45	276
213.10	498	225.90	265	238.25	1804	253.20	770
215.10	915	226.30	301	240.35	391	260.65	255
215.40	90	229.00	691	241.10	552	262.15	443
215.90	630	229.30	1280	243.10	653	263.15	635
217.25	1048	232.25	553	244.75	288	264.05	942
219.15	2231	233.35	1810	246.35	540	266.20	733
220.05	693	234.80	172	247.75	296	267.15	506
221.90	474	235.15	2368	248.25	187	267.45	361
223.10	903	236.00	868	249.05	1018	268.20	45
224.10	862	236.25	809	252.20	493	269.05	319

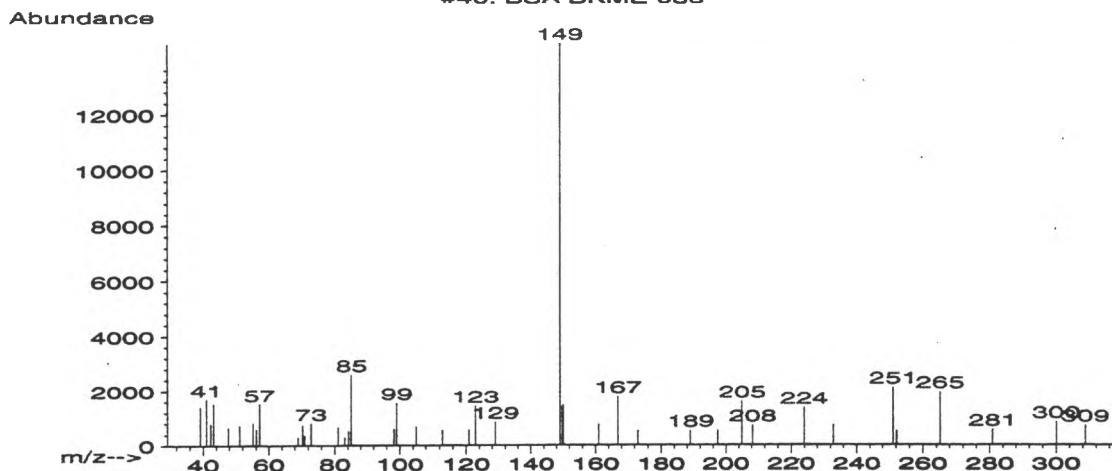
#39: BSA BKME 035

Full Spectrum # 39 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
271.25	643	289.20	1352	301.20	173	316.20	711
273.10	1371	290.20	2469	302.20	41	316.60	151
275.10	3736	291.20	2603	302.90	559	318.30	14
276.10	492	292.20	399	303.20	265	320.30	593
277.15	689	292.60	315	304.15	79	320.95	467
278.25	193	293.15	871	305.20	3009	321.35	363
280.00	356	294.20	649	307.20	133	321.85	310
281.15	617	295.40	361	309.25	298	322.25	559
283.20	329	296.20	464	309.55	355	324.35	2499
285.80	422	297.10	306	313.30	1006	325.25	543
288.20	369	300.05	686	315.25	83		

BSA BKME 036

#40: BSA BKME 036

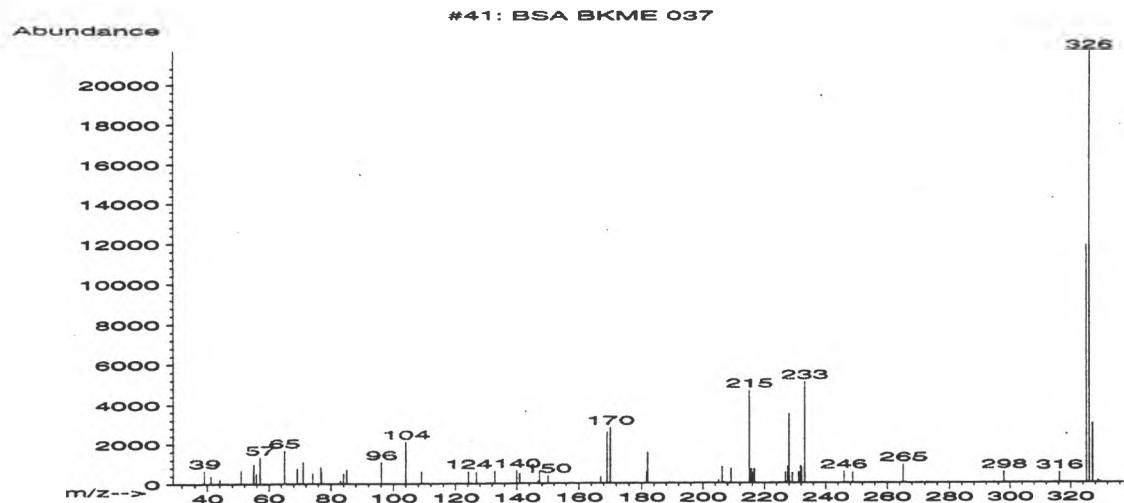


#40: BSA BKME 036

Full Spectrum # 40 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.15	1416	70.95	366	122.85	1436	208.25	717
41.00	1691	72.85	797	128.95	847	223.90	1364
42.30	783	81.05	662	149.00	14537	232.90	735
43.15	1523	83.05	286	149.70	1408	251.10	2105
47.70	658	84.20	518	150.00	1474	252.15	512
51.15	721	85.05	2585	161.00	760	265.10	1944
55.10	817	98.30	599	166.85	1780	280.90	559
56.15	588	99.00	1545	173.00	523	300.10	847
57.05	1515	105.00	676	188.95	527	308.75	715
68.95	287	112.90	549	197.45	522		
70.35	732	120.95	561	204.95	1597		

BSA BKME 037



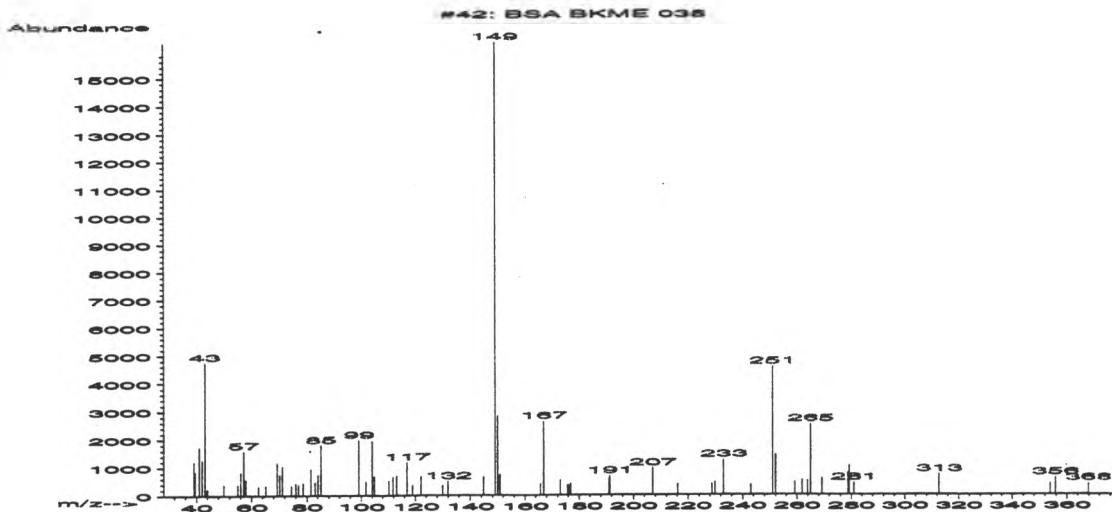
#41: BSA BKME 037
Full Spectrum # 41 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	660	74.15	507	132.95	626	205.10	151
41.10	382	76.75	837	140.05	658	206.25	824
44.05	229	77.05	633	140.95	505	207.00	48
50.85	672	83.05	154	146.80	124	209.00	730
54.85	613	84.00	510	147.30	634	215.05	4670
55.15	989	85.05	703	150.00	384	215.70	706
55.95	518	96.10	1074	167.05	317	216.00	509
57.10	1334	104.05	2117	169.10	2578	216.70	708
65.00	1668	109.00	615	170.10	2790	226.90	544
69.15	755	124.25	616	181.65	576	227.60	860
71.05	1083	126.85	558	181.95	1526	228.05	3479

#41: BSA BKME 037
Full Spectrum # 41 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
229.10	507	326.10	21696				
231.10	556	327.10	2996				
231.80	862						
232.10	812						
233.10	5094						
245.95	570						
248.85	527						
265.15	921						
298.00	561						
316.35	515						
325.10	11936						

BSA BKME 038



#42: BSA BKME 038

Full Spectrum # 42 from F:\BSA_BKME.L

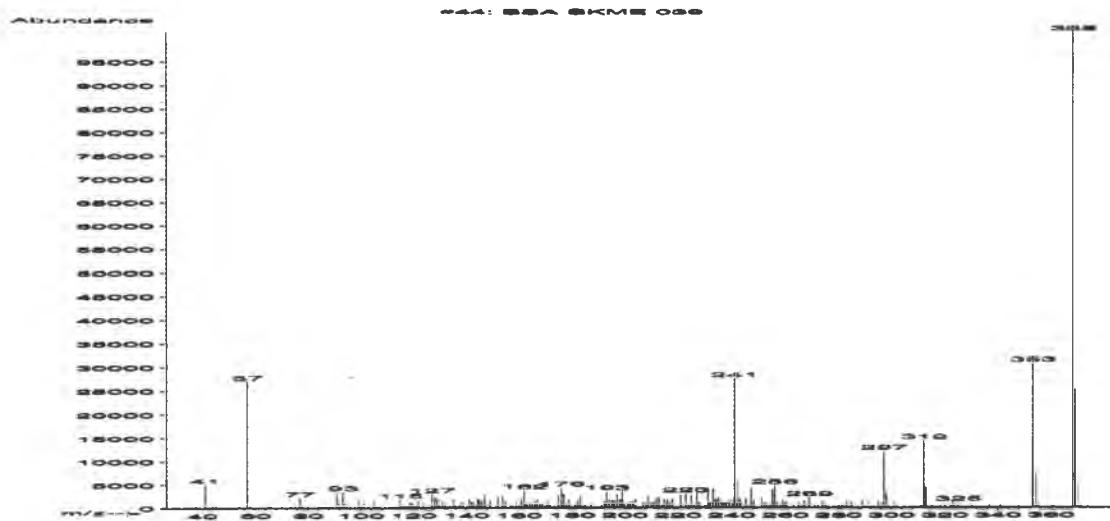
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1198	62.55	336	84.10	733	118.95	362
39.50	843	65.25	356	85.10	1793	122.05	671
41.05	1736	69.25	1153	99.15	1971	130.05	349
42.05	1261	70.20	742	101.80	482	131.95	503
43.10	4750	71.10	1035	104.05	1927	144.90	655
44.00	218	74.45	343	104.80	679	149.00	16267
50.05	375	76.05	429	105.10	11	149.95	2819
55.05	393	76.95	374	110.20	516	150.80	724
56.05	816	78.65	441	111.70	673	165.70	404
57.10	1586	81.50	936	113.00	704	166.95	2631
57.85	554	83.00	471	116.95	1183	173.00	531

#42: BSA BKME 038

Full Spectrum # 42 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
175.70	357	251.00	4565	353.80	394		
176.10	352	252.00	1416	355.70	603		
176.85	404	259.15	462	367.85	396		
191.05	582	261.85	528				
191.35	677	263.95	509				
207.05	957	265.05	2515				
216.20	384	269.35	590				
228.80	390	278.70	784				
230.00	459	279.15	1024				
233.05	1250	280.95	420				
243.05	352	312.65	726				

BSA BKME 039



#44: BSA BKME 039

Full Spectrum # 44 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.60	437	73.45	423	91.90	953	112.30	309
41.10	5034	75.20	810	93.15	3330	115.10	1694
44.05	673	77.00	2036	94.00	984	115.85	317
45.15	793	80.10	650	99.10	1764	116.10	958
54.05	413	84.20	460	100.00	402	116.85	369
57.05	26920	86.00	255	101.10	1005	117.35	326
58.10	645	86.65	627	103.15	46	117.85	377
65.00	591	87.10	393	105.05	1691	118.95	1163
66.05	306	87.90	390	106.20	407	119.25	942
68.00	142	89.00	58	107.05	274	120.10	981
70.10	244	91.00	3208	112.05	197	120.45	275

#44: BSA BKME 039

Full Spectrum # 44 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
121.15	371	135.15	1831	146.05	1483	161.10	1867
122.10	1575	135.95	477	147.05	2690	162.10	3701
123.95	1015	137.10	281	149.10	1534	162.80	382
127.05	2882	137.90	1155	151.10	129	163.15	516
128.10	2077	138.85	1091	152.15	2394	164.20	1113
129.10	2015	141.20	1987	154.05	2286	165.20	844
129.95	420	141.95	1230	155.15	1311	166.10	1411
131.10	1316	142.90	1132	157.00	766	166.80	510
132.15	814	144.05	153	157.80	392	167.15	1801
133.10	143	144.45	1917	159.10	1225	168.15	908
133.95	331	145.05	1572	160.10	708	169.10	895

#44: BSA BKME 039

Full Spectrum # 44 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
170.20	390	178.05	445	194.10	1623	204.10	1780
171.05	1226	179.05	1599	195.20	1565	207.10	1220
171.25	716	181.05	577	196.05	1474	208.10	969
172.00	399	182.10	1381	197.15	2842	208.60	315
173.05	30	183.10	2450	198.15	1639	209.05	2480
173.60	253	183.90	175	199.05	3402	210.15	1157
174.15	21	185.00	854	199.85	506	211.10	1098
175.05	2613	187.15	1027	201.25	642	212.15	1972
176.10	4258	191.20	595	202.10	1346	212.80	282
176.40	791	192.20	1374	203.20	1368	213.10	2074
177.10	2821	193.10	3409	203.75	773	214.20	366

#44: BSA BKME 039

Full Spectrum # 44 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
215.10	1978	228.10	1150	239.10	1611	253.10	912
216.10	1725	229.15	247	240.15	762	254.15	809
217.15	993	230.10	454	241.10	27456	255.10	3914
218.05	1835	231.15	3216	242.05	5995	256.10	4708
221.15	2684	232.05	1263	243.00	1807	257.10	1017
222.00	107	233.20	4078	243.25	419	258.15	468
223.05	2979	234.15	1765	245.20	1885	259.15	1677
224.05	766	235.10	1944	247.20	4066	260.15	1136
225.10	2508	236.15	1319	248.25	1535	260.45	910
226.05	654	237.15	891	251.20	2014	261.20	27
227.15	4302	238.10	1128	252.15	976	263.20	778

#44: BSA BKME 039

Full Spectrum # 44 from F:\BSA_BKME.L

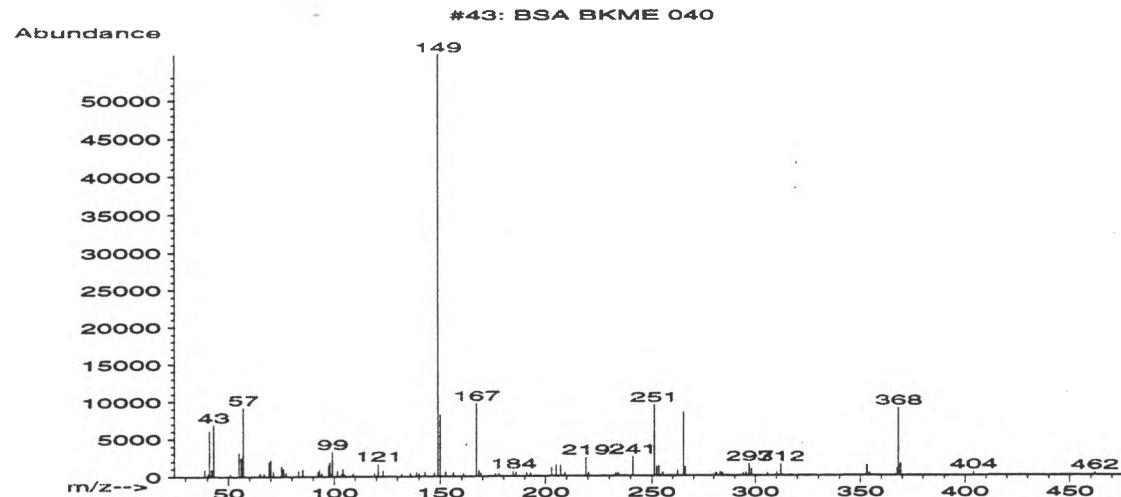
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
265.20	1098	278.95	477	295.40	398	311.25	529
266.45	277	280.20	619	296.00	507	312.25	14313
267.20	1538	281.30	931	296.35	799	313.20	4269
269.10	2110	282.00	230	297.25	12083	315.35	689
271.20	821	283.15	1452	298.25	3030	318.45	278
272.20	546	284.10	276	299.20	313	320.30	936
274.15	1388	285.05	1152	301.15	1031	322.45	408
275.25	712	289.15	1582	305.10	423	323.20	1367
276.25	168	291.25	947	307.25	516	323.75	591
278.20	265	292.25	620	307.75	423	325.15	1033
278.50	298	295.15	1459	309.25	693	329.15	58

#44: BSA BKME 039

Full Spectrum # 44 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
330.30	360	369.25	25320				
332.40	21	370.20	4944				
336.85	679	371.35	449				
340.90	484	373.95	286				
348.00	445						
353.25	30728						
354.30	7307						
355.20	643						
360.40	280						
361.20	260						
368.25	101384						

BSA BKME 040



#43: BSA BKME 040

Full Spectrum # 43 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.90	982	66.95	384	94.10	428	119.15	388
40.30	364	69.15	1903	97.25	1462	120.85	1671
41.05	6120	70.00	2177	97.60	339	123.05	769
42.20	964	71.15	619	97.90	1843	131.95	358
43.05	6842	75.00	1377	98.20	426	136.15	451
50.85	356	75.95	1031	99.15	3245	138.85	517
55.05	3128	77.15	499	101.60	707	140.05	350
56.00	2522	83.10	754	103.60	350	142.75	528
57.05	9154	85.10	992	104.15	988	147.30	441
64.85	391	92.20	561	105.00	259	149.00	55928
65.15	384	93.00	878	109.00	416	150.00	8216

#43: BSA BKME 040

Full Spectrum # 43 from F:\BSA_BKME.L

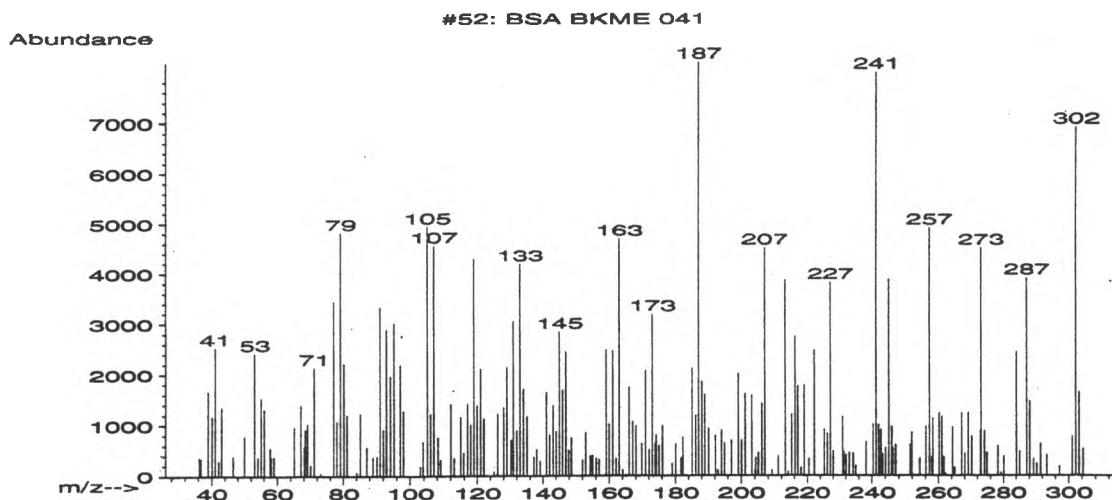
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
152.60	573	192.95	425	252.15	1204	295.50	425
156.10	496	203.05	1096	253.20	1313	297.10	1564
160.90	342	205.10	1458	255.05	469	298.10	936
167.00	9729	207.05	1445	262.25	709	305.75	359
168.10	770	209.30	440	265.15	8456	310.15	385
169.10	398	219.00	2457	266.10	1185	312.20	1495
176.10	335	220.20	433	280.60	334	353.00	1364
177.85	381	233.10	411	281.30	357	353.30	1267
184.55	634	234.10	385	283.10	516	354.30	342
185.85	503	241.05	2543	284.20	375	367.55	982
190.85	436	251.05	9465	294.20	356	368.25	9004

#43: BSA BKME 040

Full Spectrum # 43 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
369.25	1572						
404.00	484						
461.85	338						

BSA BKME 041



#52: BSA BKME 041
Full Spectrum # 52 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.30	364	55.10	1529	71.10	2128	90.10	384
36.80	340	56.10	1304	73.05	53	91.05	3320
38.95	1669	57.85	552	77.05	3439	92.10	911
40.05	1171	58.15	372	78.00	1065	92.95	2888
41.05	2521	59.05	379	79.10	4812	94.15	1951
42.10	297	65.05	964	80.15	2207	95.15	3011
43.05	1352	67.10	1389	81.10	1196	97.05	2185
46.50	393	68.05	571	84.05	74	98.05	1275
49.95	783	68.35	919	85.15	1224	103.05	187
53.10	2409	69.05	1019	87.10	569	103.90	680
54.10	377	70.05	213	88.90	371	105.10	4934

#52: BSA BKME 041
Full Spectrum # 52 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
106.10	1215	120.05	1379	134.10	1699	147.00	2433
107.10	4548	121.10	2105	135.15	1163	147.95	510
108.30	756	122.10	1126	137.15	377	148.70	752
109.10	321	125.10	78	138.05	524	152.00	316
112.15	1405	126.15	1216	139.15	296	153.00	848
113.15	352	128.05	1346	141.05	1643	154.40	400
115.10	1167	129.05	2140	142.05	816	155.05	398
115.95	457	130.25	705	143.10	1374	156.10	347
117.10	1406	130.95	3041	144.15	872	157.00	326
118.10	1004	132.05	893	145.05	2833	159.10	2475
119.05	4286	133.05	4187	146.10	1678	160.00	1010

#52: BSA BKME 041

Full Spectrum # 52 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
161.05	2452	173.05	3175	187.05	8171	201.20	1608
162.10	346	173.95	641	188.10	1839	203.15	1575
163.05	4684	174.20	802	189.00	1591	204.05	104
164.15	121	175.15	595	190.10	932	204.25	356
165.15	7	176.15	987	192.15	788	205.10	459
166.10	1740	179.05	243	192.95	111	206.15	1416
167.10	1063	180.05	628	194.05	897	207.00	4501
168.10	982	181.65	352	195.05	639	209.10	103
169.90	639	182.25	761	197.10	695	211.00	386
171.05	2067	185.05	2114	199.10	2002	213.15	3856
172.10	512	186.15	1190	200.10	701	214.00	75

#52: BSA BKME 041

Full Spectrum # 52 from F:\BSA_BKME.L

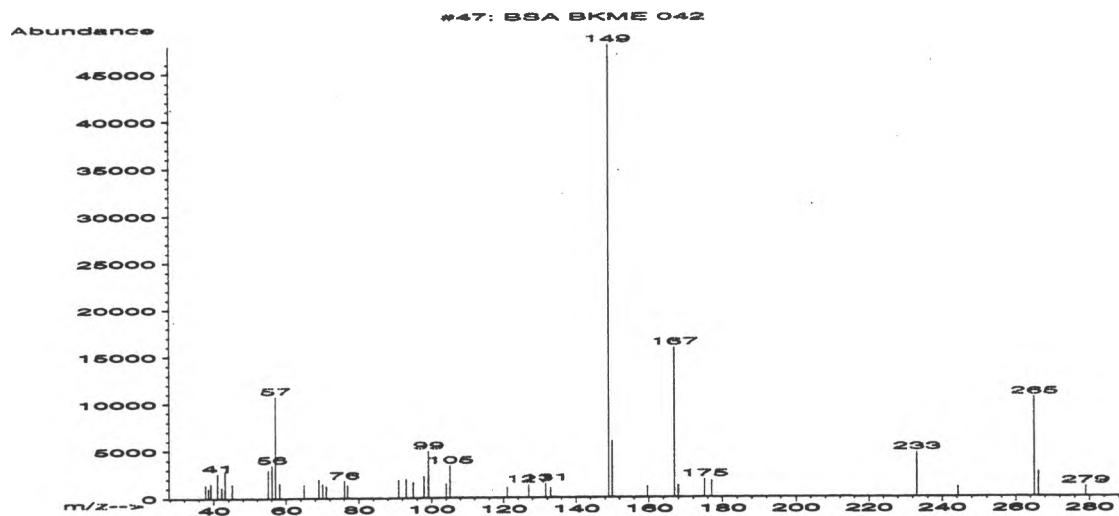
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
215.05	1203	231.00	1157	242.65	906	257.25	4902
216.15	2733	231.40	474	243.15	424	258.00	376
217.05	1751	232.05	410	244.05	545	258.30	1128
218.05	154	233.05	456	245.05	3870	260.20	1234
218.95	1779	234.20	442	245.90	958	261.15	1156
220.50	335	235.10	195	246.15	545	261.65	367
222.15	2464	238.20	668	247.05	609	262.15	45
225.20	913	240.35	1009	251.45	613	264.35	953
226.25	825	241.20	7974	251.95	845	265.00	164
227.15	3813	242.05	1001	254.25	343	267.20	1226
228.10	484	242.35	399	256.10	969	268.15	442

#52: BSA BKME 041

Full Spectrum # 52 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
269.20	1234	287.25	3896				
270.25	774	288.25	1460				
272.90	872	289.40	338				
273.15	4492	290.35	238				
274.20	870	291.50	630				
275.00	450	293.40	404				
278.30	583	297.20	191				
279.25	57	301.05	778				
280.10	380	302.20	6897				
284.15	2426	303.15	1637				
285.10	477	304.35	528				

BSA BKME 042

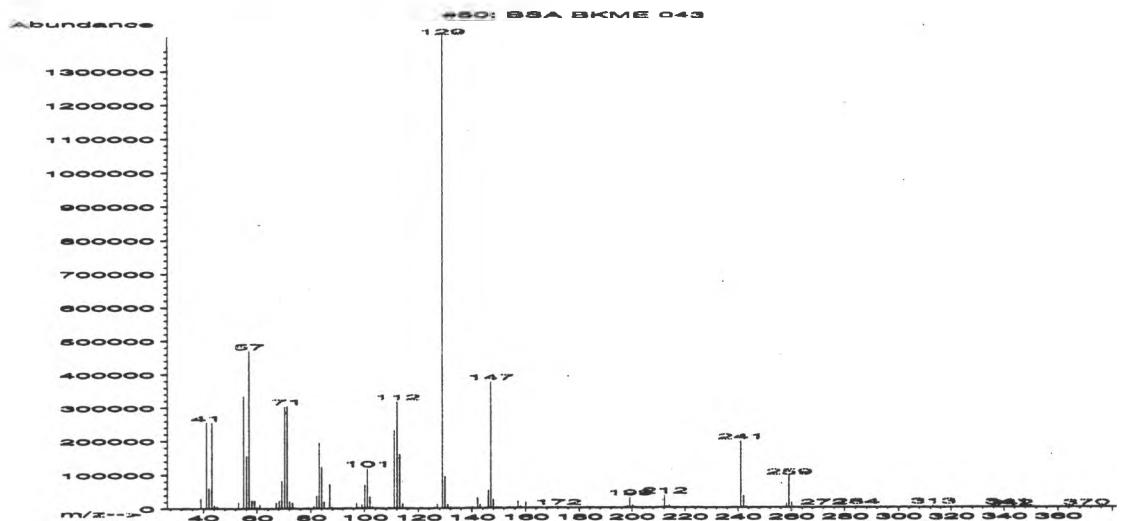


#47: BSA BKME 042

Full Spectrum # 47 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.80	1361	64.95	1394	104.00	1442	175.10	1874
38.60	1027	69.00	1926	105.10	3403	177.05	1724
39.20	1510	70.05	1460	120.95	1091	233.10	4672
41.05	2602	71.05	1225	126.95	1332	244.25	1046
42.20	1122	76.05	1787	131.55	1505	265.05	10550
43.10	2849	76.95	1332	132.95	1007	266.15	2581
45.00	1433	90.90	1897	149.00	47968	279.00	1056
55.05	2915	93.00	1977	150.00	5936		
56.05	3450	95.00	1623	159.60	1133		
57.05	10741	97.90	2250	167.00	15875		
58.15	1570	99.10	4924	168.00	1240		

BSA BKME 043



#50: BSA BKME 043

Full Spectrum # 50 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.90	818	53.05	18472	66.15	885	77.05	244
39.10	30136	55.05	333568	67.05	17688	77.75	386
41.10	254656	56.05	154432	68.10	23960	79.10	3805
42.10	59768	57.05	468992	69.10	81624	80.15	713
43.10	253632	58.10	24640	70.10	302272	81.10	7210
44.10	8938	59.05	24840	71.10	303616	82.10	38248
45.05	5094	60.00	4160	72.10	20816	83.10	193472
49.85	362	61.05	10504	73.10	16472	84.10	122680
50.95	1933	62.10	886	74.10	1232	85.05	19248
51.85	668	65.05	2183	74.95	600	87.00	71288
52.35	903	65.45	388	76.15	524	88.00	4099

#50: BSA BKME 043

Full Spectrum # 50 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
91.00	144	103.05	4026	119.95	343	137.10	89
91.80	1123	104.70	333	121.05	921	139.10	2052
93.10	2255	106.15	150	125.10	708	140.10	3941
94.15	709	109.15	3342	126.05	3502	141.10	1059
95.10	226	111.10	232256	127.10	12350	142.10	31016
97.10	15979	112.10	316544	129.05	1402368	143.05	10719
98.05	3675	113.10	158720	130.05	94080	144.05	306
99.05	10702	114.15	14029	131.05	12156	145.00	920
100.10	69112	115.10	2645	132.20	1969	146.10	52632
101.10	118008	116.05	1580	133.10	1356	147.00	376384
102.10	35056	116.80	114	134.05	195	148.05	26368

#50: BSA BKME 043

Full Spectrum # 50 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
149.10	3082	161.10	1163	173.20	2738	191.05	153
150.10	1076	163.20	220	177.10	2368	192.25	767
151.05	2200	164.20	347	178.05	28	193.15	2047
153.15	364	166.00	826	179.15	1026	196.25	268
154.05	2821	167.10	345	180.15	2163	197.20	2049
155.10	2375	168.00	624	182.15	900	198.20	5155
156.15	1685	168.30	113	183.10	2870	199.15	31128
157.10	20736	169.20	741	184.15	336	200.20	7596
158.10	4810	170.05	1309	185.00	2196	201.20	1132
159.05	1668	171.15	1099	186.15	414	203.10	486
160.05	17432	172.15	3719	189.95	382	204.25	97

#50: BSA BKME 043

Full Spectrum # 50 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
206.15	178	221.05	532	230.30	813	250.90	244
206.80	559	222.15	1480	234.10	472	251.90	777
208.10	394	223.15	2245	234.90	595	257.25	610
209.05	240	224.15	814	236.30	583	258.20	12581
210.15	733	225.20	1773	239.30	966	259.15	93264
211.20	2992	225.95	435	241.15	196480	260.20	15368
212.20	37208	226.30	862	242.15	34728	261.20	950
213.20	4307	227.00	788	243.20	3310	265.20	380
214.15	6837	227.60	611	244.15	505	267.15	851
219.40	1049	228.10	620	248.20	124	270.25	590
220.05	101	229.30	17	250.05	626	270.95	379

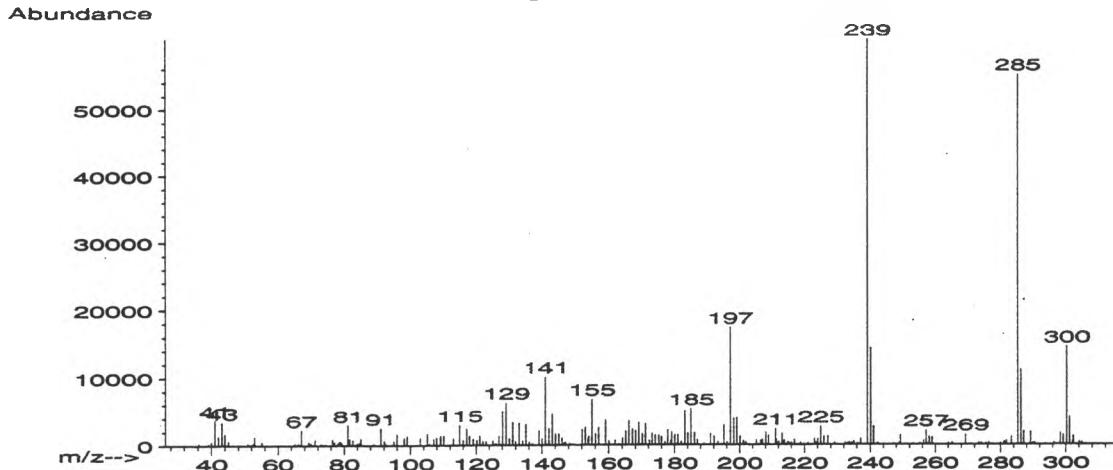
#50: BSA BKME 043

Full Spectrum # 50 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
271.95	2550	291.20	655	314.30	2176	335.15	486
273.10	643	293.25	251	315.45	583	340.30	980
275.15	387	295.35	254	316.25	788	341.15	3812
277.90	835	298.00	438	320.20	243	342.40	123
281.05	1210	298.15	786	322.25	552	365.30	383
281.80	572	299.30	408	324.30	285	370.35	464
282.80	104	302.30	885	325.30	336		
284.15	4423	306.20	182	326.30	282		
285.25	1773	308.25	466	327.25	1375		
286.25	139	310.55	749	331.15	371		
289.30	427	313.15	5539	333.35	78		

BSA BKME 044

#51: BSA BKME 044



#51: BSA BKME 044

Full Spectrum # 51 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.30	349	52.95	1309	77.10	523	85.10	998
39.10	212	55.10	530	77.95	298	89.00	279
40.00	519	65.05	330	78.45	589	91.05	2553
41.05	3730	66.15	286	78.75	552	92.15	683
42.15	1321	67.00	2281	79.10	489	92.40	285
43.10	3376	69.15	498	79.75	50	95.10	627
44.00	1704	69.85	348	81.10	3012	96.05	1693
45.05	622	71.10	836	81.70	936	98.15	1089
50.95	297	73.00	243	82.70	787	99.05	1396
51.70	86	74.25	113	84.05	321	103.00	1073
52.45	329	76.50	902	84.70	312	105.10	1736

#51: BSA BKME 044

Full Spectrum # 51 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
105.70	253	119.15	923	131.05	3339	143.10	4598
107.05	919	120.25	758	132.00	538	144.10	1605
107.90	1157	121.10	1430	133.05	3247	145.05	1652
109.10	1452	122.05	571	134.10	677	146.05	1032
110.10	1392	123.10	588	135.05	2998	146.70	333
112.00	102	125.15	670	136.10	450	147.05	405
113.05	985	126.10	227	137.15	230	148.40	283
115.00	2973	127.00	1336	139.10	2121	149.15	71
116.00	754	128.05	5003	140.05	947	152.05	2289
117.10	2427	129.10	6288	141.05	10053	152.90	30
118.00	1371	130.15	1004	142.15	2452	153.05	2638

#51: BSA BKME 044

Full Spectrum # 51 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
153.80	902	166.05	3600	176.00	1192	185.05	5358
154.05	1288	167.10	2356	177.05	494	186.10	1746
155.05	6768	168.10	2106	177.90	2264	187.00	712
156.05	1682	169.10	3329	178.85	593	189.00	184
157.10	2530	170.10	1671	179.10	1858	191.05	1630
159.15	3745	171.10	3102	180.10	1514	192.15	1231
160.10	582	172.30	681	180.70	139	193.25	413
161.95	673	173.15	1701	181.05	1507	195.10	2943
163.10	129	174.10	1535	182.05	515	196.15	474
164.05	1042	175.00	108	183.10	5018	197.10	17376
165.05	2078	175.20	1420	184.10	1731	198.15	3936

#51: BSA BKME 044

Full Spectrum # 51 from F:\BSA_BKME.L

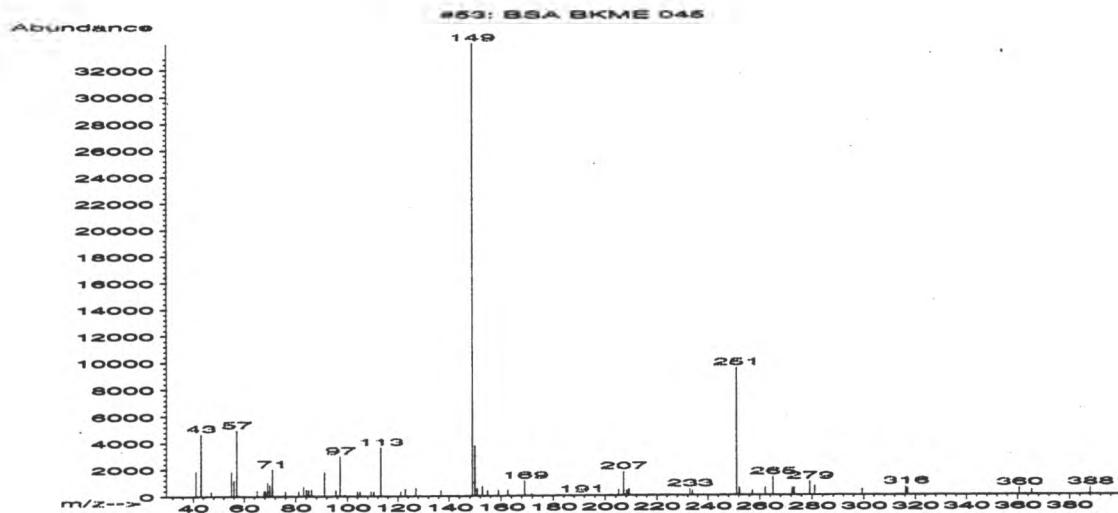
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
199.15	4040	212.10	494	223.30	396	235.10	545
200.10	1231	213.15	1669	223.90	359	236.15	218
201.15	567	213.90	647	224.15	911	237.10	882
201.95	431	214.90	384	225.05	2736	239.15	60440
205.15	717	215.25	356	225.95	1258	240.10	14319
206.55	673	216.00	336	227.20	1303	241.05	2677
207.05	739	217.00	764	229.20	348	242.30	277
208.10	1833	218.90	348	232.40	305	244.00	96
208.95	1450	220.15	130	233.20	293	247.10	167
211.15	2353	221.15	279	233.70	375	248.85	283
211.40	810	223.05	901	234.40	289	249.25	1428

#51: BSA BKME 044

Full Spectrum # 51 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
253.10	149	274.00	282	289.90	256		
255.15	213	275.35	228	290.40	271		
256.35	598	276.40	316	296.40	313		
257.15	2110	280.00	287	298.30	1735		
258.10	1140	281.05	492	299.25	1435		
258.95	1038	281.70	593	300.25	14545		
264.10	263	283.30	1186	301.20	4063		
265.15	313	285.20	55312	302.15	496		
269.25	1487	286.25	11144	302.35	1232		
273.05	23	287.15	1894	304.05	439		
273.30	330	289.20	1855	304.85	386		

BSA BKME 045



#53: BSA BKME 045

Full Spectrum # 53 from F:\BSA_BKME.L

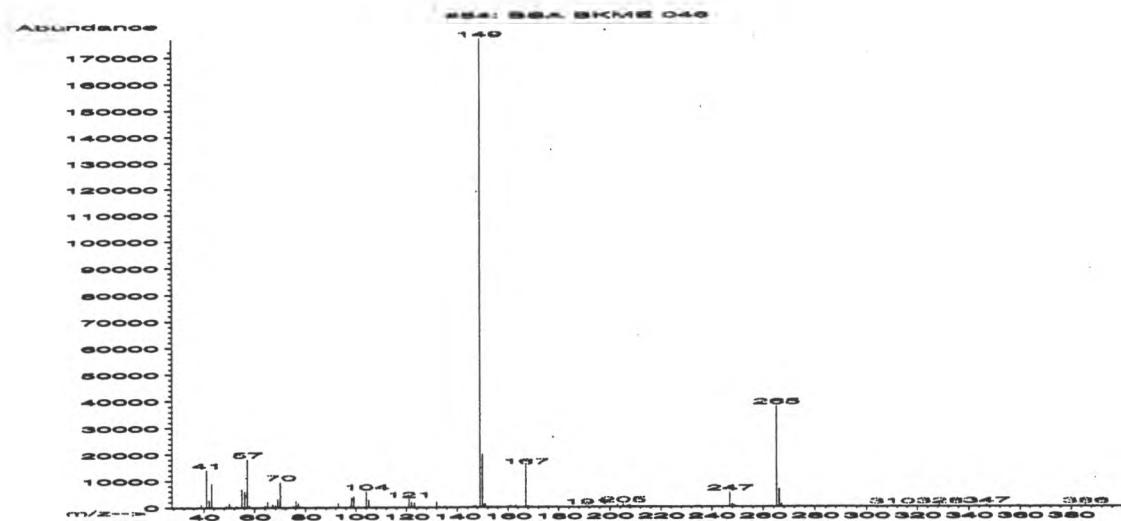
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
41.10	1850	70.05	827	99.00	103	150.00	3768
43.05	4676	71.00	2000	103.90	338	150.90	548
47.10	345	76.05	361	105.00	368	152.90	704
54.95	1825	81.15	357	109.20	349	154.90	386
56.05	1165	83.00	693	110.30	338	159.10	422
57.10	4955	84.20	465	113.05	3650	162.70	444
57.95	45	85.00	432	121.05	341	169.05	1112
65.15	443	86.20	517	123.05	541	171.65	169
67.75	392	91.05	1788	127.15	608	190.80	70
68.25	407	95.40	424	136.95	437	205.10	432
69.10	1014	97.10	2985	149.00	33960	207.00	1773

#53: BSA BKME 045

Full Spectrum # 53 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
208.00	135	273.10	554				
208.30	381	279.15	1011				
209.10	494	280.95	679				
232.90	472	299.40	424				
233.90	357	316.35	619				
251.05	9561	317.05	493				
252.15	549	360.60	496				
257.05	339	365.50	352				
262.05	580	388.05	525				
265.05	1334						
272.40	535						

BSA BKME 046



#54: BSA BKME 046

Full Spectrum # 54 from F:\BSA_BKME.L

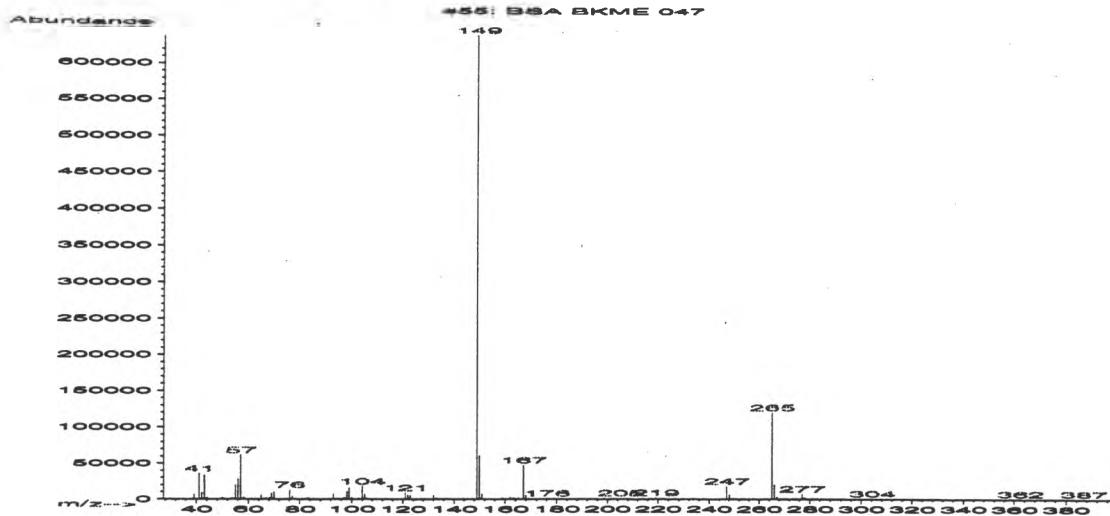
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.95	1126	57.10	18144	77.00	1474	121.00	3117
41.10	14150	58.00	644	77.95	388	121.95	1925
42.05	2787	64.05	756	84.15	109	122.90	210
43.10	8958	65.05	2140	93.05	1531	123.10	1737
44.05	134	67.05	1089	97.85	731	129.05	273
48.80	625	68.05	870	98.15	3680	132.00	2030
50.00	1400	69.05	3179	99.10	4042	133.10	350
51.05	295	70.10	9507	101.00	259	135.15	412
53.00	651	75.05	413	104.05	5976	146.20	296
54.95	6757	75.85	529	105.05	2820	146.90	252
56.10	5957	76.10	2411	116.50	25	147.20	549

#54: BSA BKME 046

Full Spectrum # 54 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
149.00	176704	176.30	256	248.10	994	385.65	401
150.00	19808	179.05	335	248.95	415	390.05	344
150.75	828	184.95	10	263.45	287		
151.05	1216	191.15	349	265.10	37736		
160.00	336	193.05	276	266.10	6651		
161.00	566	203.00	878	267.00	1102		
163.10	610	205.20	993	310.05	328		
167.05	15492	207.05	579	328.55	454		
168.00	503	207.95	554	346.70	542		
169.20	354	209.05	19	359.00	291		
172.20	.261	247.05	5389	359.60	294		

BSA BKME 047



#55: BSA BKME 047

Full Spectrum # 55 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	6439	53.75	1043	69.05	8221	82.10	806
40.20	88	55.05	19568	70.10	9978	83.05	2483
41.10	35792	56.05	27952	71.10	292	83.95	691
42.10	8794	57.05	61416	74.00	378	85.00	677
43.10	33280	58.10	2704	74.65	378	91.00	425
44.05	2205	61.15	389	75.15	843	92.00	301
49.10	373	63.05	259	76.05	12908	93.00	7346
50.00	2392	65.10	5784	77.05	3831	94.10	286
50.95	651	66.15	389	78.15	303	95.20	255
52.85	505	67.00	2029	79.15	341	96.15	366
53.10	1392	68.15	2463	81.10	1364	97.10	2488

#55: BSA BKME 047

Full Spectrum # 55 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
98.15	10409	119.45	338	136.15	641	160.90	283
99.10	15248	121.00	9192	136.85	321	161.95	2109
100.05	1528	122.00	5764	143.55	293	163.10	1843
103.10	425	123.00	5192	145.15	554	164.00	337
104.05	18048	128.55	319	147.20	822	165.15	1125
105.00	6657	129.05	805	149.00	637248	167.00	47504
106.10	347	129.95	264	150.00	60824	168.00	5295
109.00	275	132.00	5050	150.95	7139	169.00	344
113.15	354	132.85	265	158.95	1225	175.10	399
114.90	874	133.10	1388	159.20	401	176.00	1170
118.85	705	135.10	935	160.10	717	178.90	640

#55: BSA BKME 047

Full Spectrum # 55 from F:\BSA_BKME.L

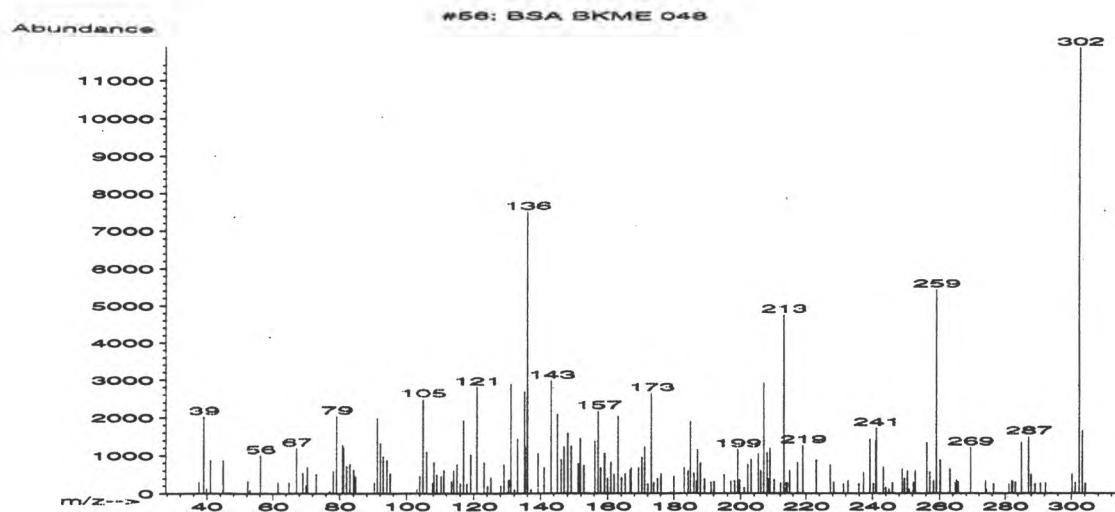
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
180.05	263	207.05	181	247.10	17696	277.05	7133
182.70	725	209.05	6	248.15	6217	277.95	2022
189.00	659	216.70	355	249.05	343	278.15	1346
190.25	253	217.70	331	250.15	566	279.00	558
190.80	206	219.10	1813	250.45	276	279.30	361
192.95	1315	220.10	251	251.15	299	280.60	443
198.95	1284	221.00	528	252.85	267	280.95	1207
201.00	559	222.10	407	257.35	296	288.00	290
202.05	319	240.20	15	265.15	119848	304.25	559
202.95	831	245.25	373	266.15	19808	306.15	367
205.15	1467	245.65	333	267.15	3099	310.45	260

#55: BSA BKME 047

Full Spectrum # 55 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
312.35	326						
362.30	625						
366.10	270						
369.45	465						
376.25	254						
378.75	255						
379.05	257						
380.95	332						
386.85	517						

BSA BKME 048



#56: BSA BKME 048

Full Spectrum # 56 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.60	304	69.10	551	84.10	632	106.05	1104
39.00	2023	70.10	207	84.60	437	107.80	280
39.95	130	70.45	689	90.20	284	108.15	817
41.10	883	73.05	513	91.10	1987	109.05	494
44.90	873	77.10	58	92.05	1331	110.30	446
52.35	332	78.15	591	93.00	971	111.20	618
53.00	84	79.10	2042	94.10	876	113.45	318
56.20	1005	80.85	1285	95.10	526	114.05	612
61.55	295	81.10	1218	103.10	117	115.05	770
64.85	293	82.05	716	104.00	467	116.05	257
67.20	1192	83.10	789	105.00	2482	117.05	1922

#56: BSA BKME 048

Full Spectrum # 56 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
117.95	252	132.10	106	147.10	1245	160.95	826
119.10	1026	133.10	1442	148.10	1605	161.90	506
121.00	2816	135.10	2688	149.10	1256	163.10	2030
123.10	818	135.35	1239	151.20	796	164.10	426
124.15	188	136.05	7518	151.85	1454	165.30	527
125.15	422	137.05	102	152.85	743	166.70	625
128.05	198	139.20	1061	156.15	1378	167.05	678
129.05	764	141.05	678	157.10	2173	169.30	685
129.95	36	143.15	2986	157.95	685	170.20	968
130.35	359	145.05	2092	159.10	1061	171.10	1241
131.05	2896	146.15	907	160.00	405	172.10	251

#56: BSA BKME 048

Full Spectrum # 56 from F:\BSA_BKME.L

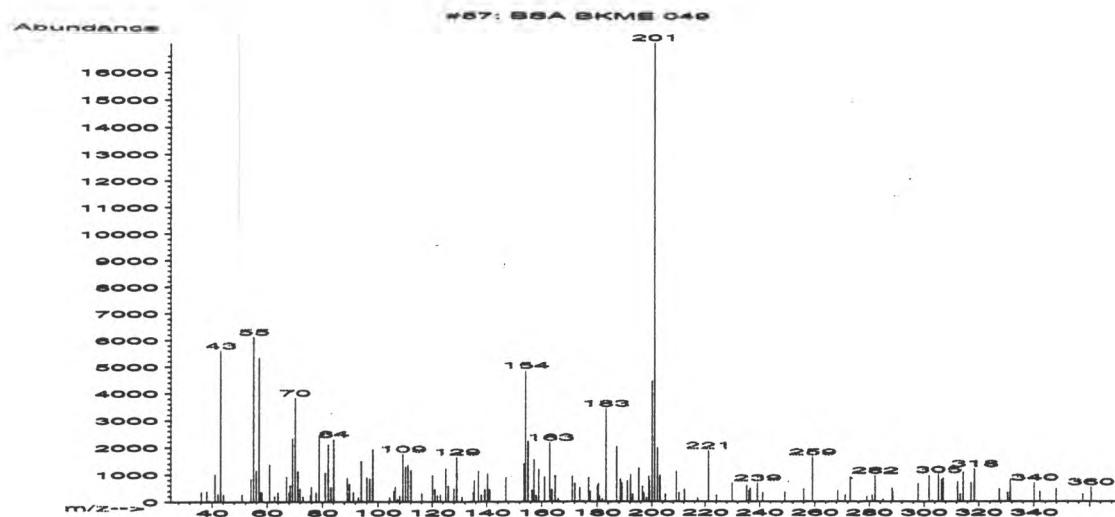
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
173.15	2651	187.20	1153	202.15	774	213.90	296
173.90	285	188.05	799	203.15	902	214.20	282
175.05	406	189.25	389	205.30	1048	214.90	616
176.20	530	191.15	300	206.10	617	217.40	822
179.10	42	192.05	321	207.00	2911	219.00	1270
180.05	457	195.05	505	208.10	1077	223.10	879
183.10	683	197.05	328	208.50	391	227.25	750
184.35	601	198.25	350	208.95	1202	228.35	307
185.05	1900	199.10	1170	210.20	378	231.30	263
186.15	540	199.75	365	212.10	289	232.70	348
186.90	332	201.10	159	213.15	4758	235.90	262

#56: BSA BKME 048

Full Spectrum # 56 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
237.35	562	250.45	594	265.05	365	287.15	1503
239.15	1440	250.90	102	265.55	310	288.00	506
240.25	265	252.25	303	269.30	1220	289.10	261
241.00	1386	252.85	601	273.90	344	290.80	268
241.20	1732	256.20	1344	274.25	102	292.30	284
243.25	693	257.10	580	276.40	262	300.15	515
244.05	166	258.15	345	281.15	254	301.10	290
245.00	112	259.10	5439	282.00	349	302.30	11887
245.95	285	260.20	889	282.30	322	303.25	1654
248.85	649	263.15	648	283.20	300	304.15	268
249.55	404	264.65	273	285.05	1346		

BSA BKME 049



#57: BSA BKME 049

Full Spectrum # 57 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.25	365	57.10	5354	71.10	1122	89.00	867
38.10	391	57.85	361	71.95	479	89.90	652
38.95	46	58.15	346	73.05	196	91.30	354
41.05	1017	60.95	1375	75.65	241	93.00	161
42.15	284	62.80	201	76.05	539	94.10	1488
43.05	5612	63.95	344	77.85	348	96.05	887
44.05	269	67.00	924	78.85	2388	97.15	845
50.90	265	68.00	354	81.15	1068	98.15	1924
54.15	842	68.35	609	82.10	2105	104.25	158
55.05	6128	69.10	2321	83.05	524	105.85	393
56.00	1148	70.05	3840	84.10	2303	106.25	541

#57: BSA BKME 049

Full Spectrum # 57 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
107.15	101	125.05	1215	141.15	443	163.05	2180
108.00	212	125.95	580	146.95	886	163.90	450
109.10	1748	128.05	467	153.05	3	165.05	969
110.10	1285	129.05	1641	153.60	1398	166.10	106
111.10	1352	130.95	171	154.15	4860	171.10	939
112.10	1155	135.05	348	155.10	2231	172.10	671
116.05	300	135.45	783	156.50	423	173.80	512
120.10	971	137.10	1117	157.15	1548	175.25	3
120.95	459	138.15	252	158.05	227	177.00	885
121.85	235	139.25	454	158.95	1195	177.55	370
123.05	251	140.30	1040	161.00	918	180.15	591

#57: BSA BKME 049

Full Spectrum # 57 from F:\BSA_BKME.L

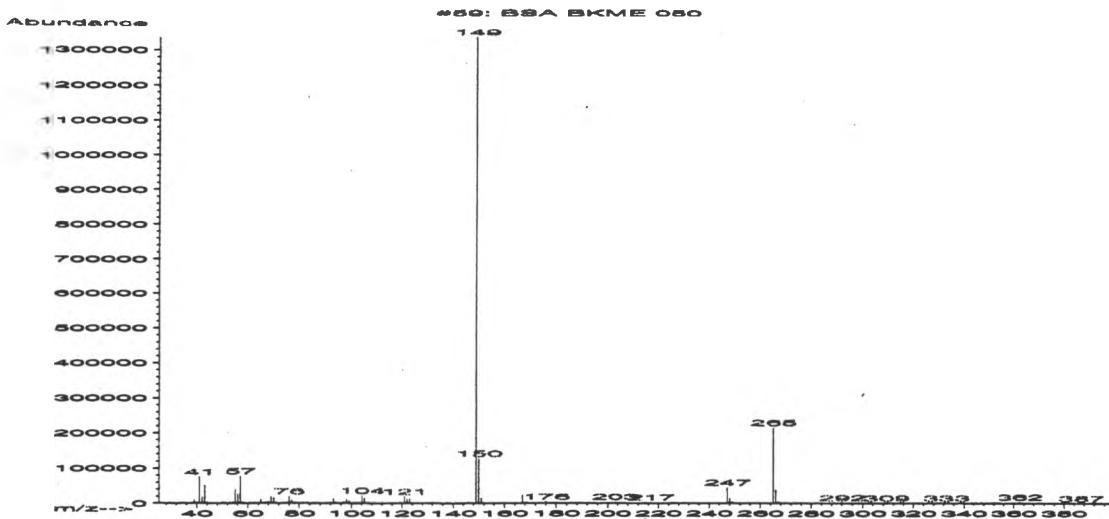
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
180.45	680	196.65	569	209.05	1111	236.60	479
181.00	192	197.10	335	210.10	343	239.15	687
181.85	91	198.10	141	212.20	443	241.15	336
183.15	3426	198.95	940	217.15	125	249.05	348
187.10	2019	199.20	777	221.10	1876	256.05	459
188.45	825	200.15	4453	223.10	7	259.20	1635
189.00	688	201.15	17072	224.20	243	268.45	393
191.05	758	202.20	1993	230.00	687	271.15	259
192.15	1001	203.10	968	235.25	606	273.00	920
193.05	277	205.10	276	235.85	13	279.05	174
195.20	1256	208.05	19	236.20	401	281.05	234

#57: BSA BKME 049

Full Spectrum # 57 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
282.10	961	313.20	277	360.40	529		
285.05	99	314.35	1067				
288.30	495	317.25	687				
288.60	366	318.45	1200				
297.80	664	327.45	464				
301.95	957	330.45	338				
303.20	49	331.35	804				
305.25	985	340.10	690				
306.45	795	342.10	379				
307.05	870	347.90	467				
312.35	721	357.55	282				

BSA BKME 050



#59: BSA BKME 050

Full Spectrum # 59 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	483	53.00	4589	69.05	18960	83.05	3152
37.90	467	54.15	3995	70.10	15246	84.05	70
39.05	10634	55.05	38944	71.10	1896	85.50	357
40.10	3363	56.10	25600	74.00	1517	87.40	523
41.10	75080	57.05	77712	75.15	1208	88.50	670
42.10	17656	58.10	2948	76.00	20192	91.00	419
43.10	51680	64.05	323	77.05	8811	92.00	1043
44.10	3369	65.05	11551	78.60	1977	93.05	13318
49.95	3030	66.10	1175	79.15	1231	93.85	1838
51.05	3679	67.05	3789	81.10	2240	95.10	674
51.85	339	68.10	5256	81.95	1371	96.25	741

#59: BSA BKME 050

Full Spectrum # 59 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
97.00	3879	118.15	399	132.75	388	147.00	2821
98.10	11227	118.85	1110	133.00	1118	149.00	1335808
99.15	7355	119.95	434	134.85	732	150.00	127480
100.10	1004	121.00	19512	138.75	289	151.00	14412
102.90	78	122.00	11497	142.95	85	152.00	401
104.05	21928	123.00	13107	144.45	315	153.10	553
105.05	14320	124.00	847	144.75	274	157.00	406
105.95	1159	125.95	411	145.10	259	159.15	562
115.05	759	129.00	922	145.40	303	160.05	1703
116.00	192	130.45	258	145.85	2044	161.05	117
117.10	614	132.10	2758	146.10	632	162.00	769

#59: BSA BKME 050

Full Spectrum # 59 from F:\BSA_BKME.L

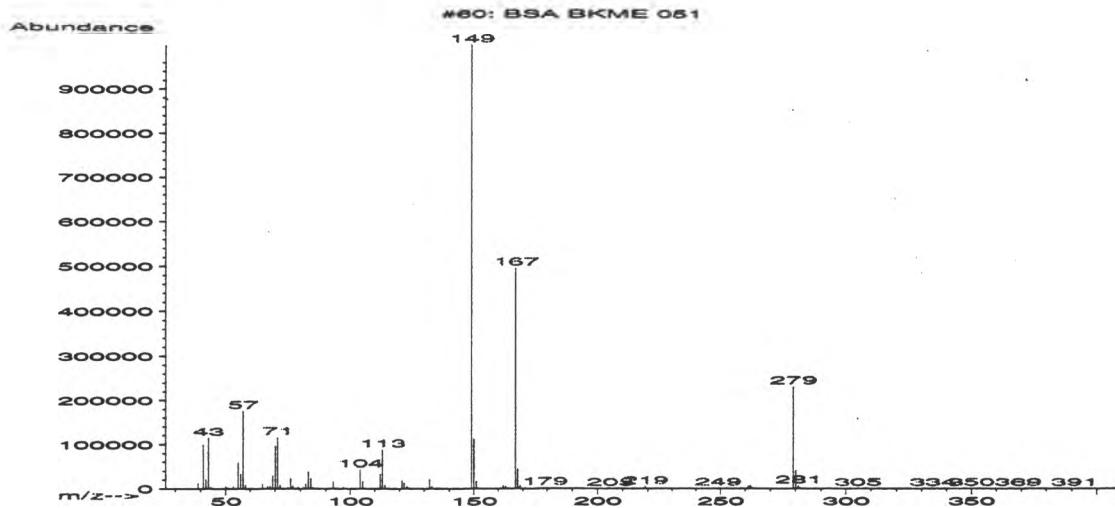
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
163.05	209	189.00	897	206.05	473	249.10	2987
163.90	723	189.85	393	207.95	880	250.95	444
167.00	23304	190.15	435	213.00	364	257.25	357
168.00	1274	192.85	410	215.20	351	265.10	216768
169.20	412	193.10	1664	216.20	286	266.10	38800
173.60	250	193.85	761	217.05	2347	267.20	3857
175.05	620	194.15	367	218.90	357	268.05	815
176.05	4730	202.10	1035	220.20	153	280.95	102
177.05	431	202.95	4126	227.80	308	282.15	116
179.05	692	204.10	1803	247.10	44936	292.05	1358
179.85	257	205.10	437	248.10	13031	292.30	484

#59: BSA BKME 050

Full Spectrum # 59 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
292.95	319	369.15	368				
305.15	292	381.80	251				
309.25	670	386.75	253				
316.75	489						
317.15	109						
332.95	714						
333.25	630						
334.15	268						
359.85	138						
362.30	3622						
363.20	1794						

BSA BKME 051



#60: BSA BKME 051

Full Spectrum # 60 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.00	342	56.10	33016	69.10	29416	81.10	2807
39.00	12206	57.05	176000	70.10	97240	82.05	10756
41.10	99808	58.10	7612	71.10	116256	83.10	38048
42.15	21240	59.95	395	72.15	8277	84.05	22936
43.10	114904	62.75	372	73.05	352	85.05	3194
44.05	3956	63.90	204	75.10	2718	85.90	281
44.80	503	64.25	371	76.05	23200	90.00	355
49.95	5618	65.00	10790	77.05	6878	91.15	1001
50.95	2328	66.05	1648	78.05	691	92.05	836
53.05	6777	67.05	5893	79.10	3256	93.05	15679
55.05	59304	68.10	6147	80.35	370	94.00	1090

#60: BSA BKME 051

Full Spectrum # 60 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
96.00	269	114.10	7861	128.15	303	149.00	998336
97.05	3745	115.00	1348	130.95	553	150.00	111304
97.80	338	116.95	276	132.00	21120	151.00	16888
104.05	43208	117.95	837	133.00	4739	151.80	564
105.00	16379	119.05	281	134.10	757	155.50	280
106.05	657	119.95	308	134.75	311	157.60	306
108.00	263	121.00	17856	134.95	1707	161.05	690
110.05	497	122.00	13125	144.05	363	162.00	7007
111.00	871	123.00	5237	145.10	293	163.05	5228
112.15	33608	124.05	1227	146.05	1466	164.00	506
113.10	88656	125.25	268	147.05	1425	164.85	1267

#60: BSA BKME 051

Full Spectrum # 60 from F:\BSA_BKME.L

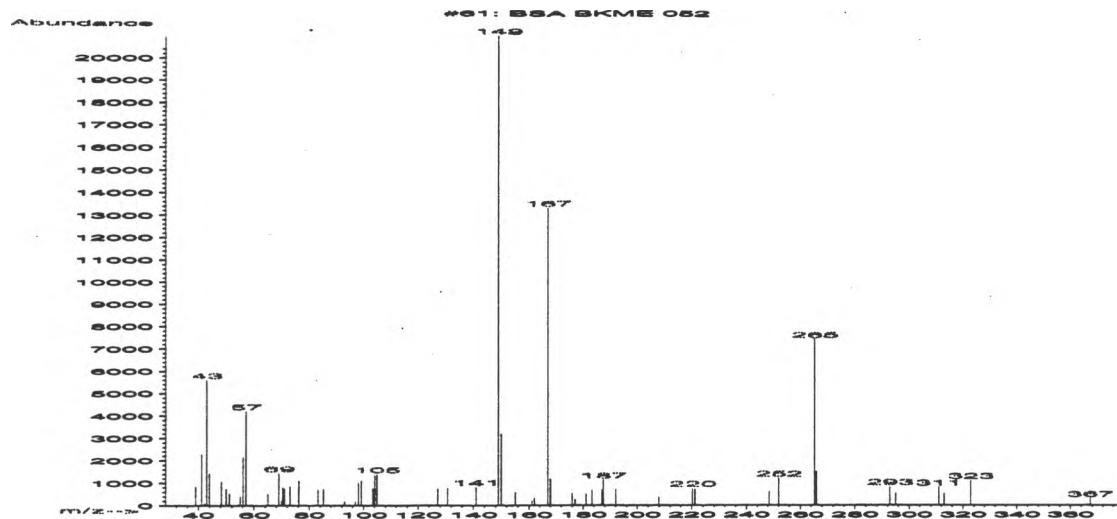
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
167.00	496704	191.65	3	218.15	717	263.20	655
168.00	44200	192.05	270	219.05	4950	270.35	400
168.95	6704	193.15	365	220.05	804	272.20	331
172.50	296	199.15	258	220.80	264	275.10	352
176.10	933	202.95	367	221.25	899	279.10	231744
177.05	951	203.95	470	221.90	279	280.10	41408
178.95	2276	205.05	479	245.15	386	281.10	5768
180.00	2252	207.05	262	247.05	258	282.10	715
185.95	413	209.10	344	249.00	656	292.50	368
186.75	402	210.40	460	261.20	5649	304.75	269
189.05	381	217.00	366	262.10	6879	334.45	497

#60: BSA BKME 051

Full Spectrum # 60 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
347.10	274						
349.80	421						
366.60	258						
368.65	322						
382.25	37						
390.15	269						
390.45	277						
391.05	319						
396.15	285						

BSA BKME 052



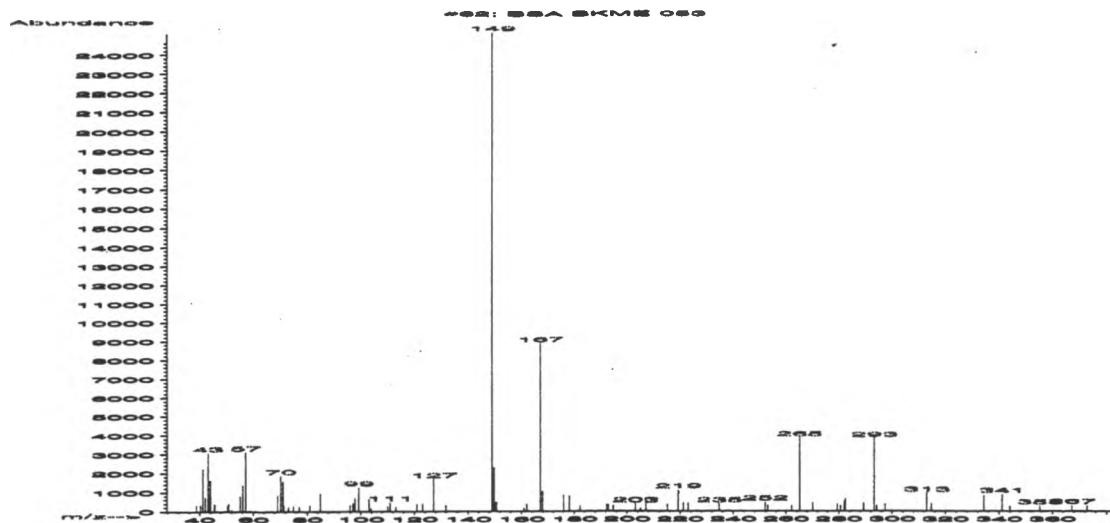
#61: BSA BKME 052
Full Spectrum # 61 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.00	839	65.05	510	96.95	170	155.00	574
41.15	2273	67.15	26	98.10	1012	161.10	205
42.20	83	69.00	1429	99.20	1090	162.05	333
43.00	5596	70.05	196	103.40	748	166.95	13303
44.00	1412	70.35	788	104.05	1359	167.90	1162
48.30	1055	71.05	726	104.95	1385	176.00	551
49.95	735	73.05	854	127.15	735	177.10	258
51.05	535	76.25	1090	130.75	762	181.05	509
55.05	380	83.20	689	141.05	807	183.25	672
56.05	2141	85.20	719	149.00	20968	186.85	691
57.10	4204	92.95	177	150.05	3191	187.35	1135

#61: BSA BKME 052
Full Spectrum # 61 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
192.05	713	313.05	539				
207.90	356	322.85	1099				
220.20	748	367.30	297				
221.20	713						
248.45	611						
251.95	1197						
265.20	7424						
266.00	1498						
292.90	824						
295.00	535						
311.05	800						

BSA BKME 053



#62: BSA BKME 053

Full Spectrum # 62 from F:\BSA_BKME.L

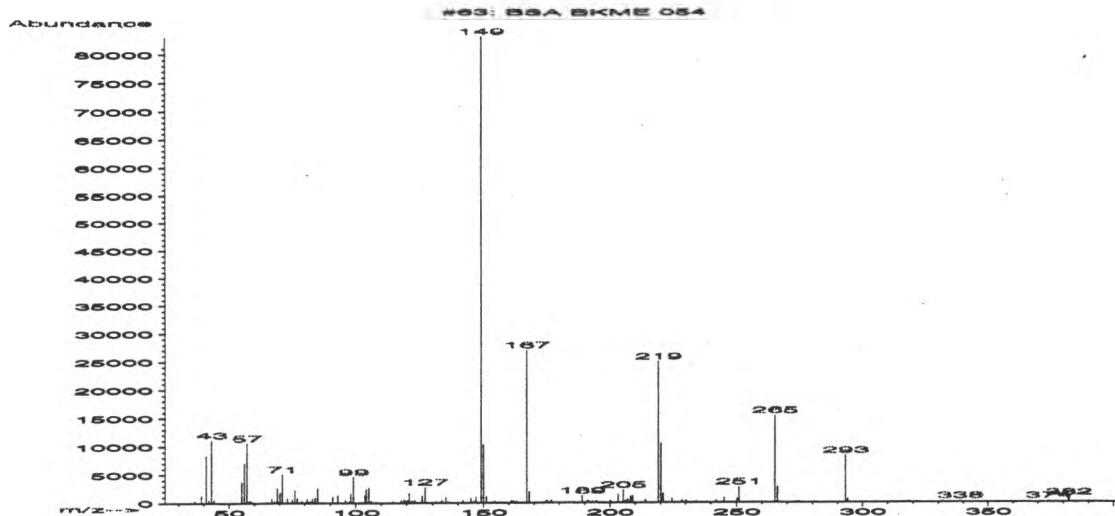
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.90	316	56.10	1363	96.10	316	127.20	1669
40.30	343	57.10	3111	97.10	429	131.85	297
41.10	2217	69.00	839	97.90	670	149.00	25112
42.10	720	70.10	1857	99.25	1251	149.80	2276
43.15	3073	70.95	1559	103.10	651	150.10	452
44.05	1602	71.25	328	103.85	137	150.70	452
45.60	371	73.05	221	110.00	251	161.00	168
50.35	294	74.85	289	111.00	465	162.00	378
50.85	411	77.00	238	113.15	219	167.05	8856
52.00	59	80.95	303	120.95	368	168.00	1042
55.05	803	85.00	932	123.15	382	176.05	836

#62: BSA BKME 053

Full Spectrum # 62 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
178.15	781	223.00	423	289.20	425	372.85	276
182.25	255	234.70	366	293.15	3787		
192.35	335	252.05	462	294.20	265		
192.95	326	252.95	278	297.30	348		
194.85	272	262.15	266	313.00	922		
203.15	371	265.15	3822	314.65	387		
205.10	146	270.25	425	334.25	817		
207.05	546	279.30	351	341.10	870		
215.20	334	280.50	266	344.20	252		
219.20	1091	282.05	483	355.40	260		
221.20	427	282.40	630	367.25	290		

BSA BKME 054



#63: BSA BKME 054
Full Spectrum # 63 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.30	393	65.15	103	80.35	255	99.10	4600
39.05	1304	67.00	746	81.05	790	103.60	1406
41.05	8400	68.05	372	82.20	332	104.05	2512
42.10	555	69.10	2599	83.00	782	105.15	2703
43.10	11162	70.10	1736	84.05	912	106.10	303
44.05	590	71.05	5051	85.10	2580	114.85	267
55.10	3783	73.05	819	91.00	1110	117.85	407
56.10	6993	74.95	597	93.00	1410	118.95	610
57.05	10595	75.95	2221	96.10	518	119.25	430
58.15	402	77.00	795	97.30	265	120.15	497
58.85	302	78.75	356	98.05	1702	121.00	1681

#63: BSA BKME 054
Full Spectrum # 63 from F:\BSA_BKME.L

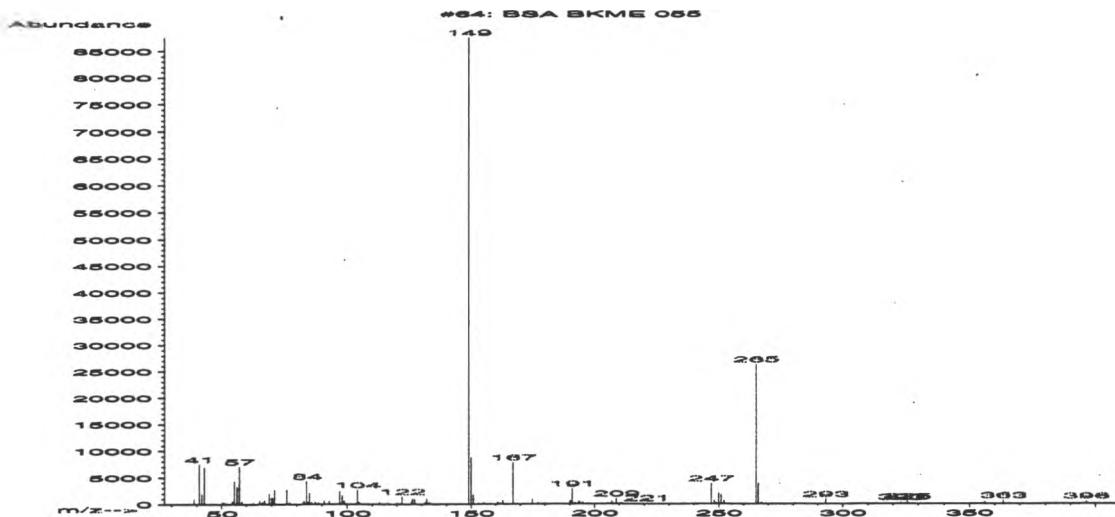
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
121.95	347	147.00	1110	175.20	328	206.15	453
122.95	389	149.00	82968	176.65	307	207.05	647
126.00	1224	149.95	10314	177.00	506	208.00	1137
127.10	2801	151.05	1033	189.00	1264	208.95	1202
131.45	280	154.60	279	191.05	400	219.10	24960
132.95	75	161.05	430	191.85	272	220.15	10455
133.55	470	162.00	340	193.05	266	221.10	1622
135.25	1070	163.10	272	194.65	362	224.60	692
141.75	388	167.00	27008	200.15	438	228.60	456
145.05	815	168.05	1966	203.20	1455	230.30	401
146.20	275	174.90	396	205.20	2266	234.10	254

#63: BSA BKME 054

Full Spectrum # 63 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
242.05	448	338.50	298				
245.15	898	374.15	255				
250.15	627	382.10	835				
250.95	2795	382.35	620				
265.15	15353	390.15	270				
266.20	2857						
274.20	263						
293.20	8351						
294.10	665						
318.05	253						
331.35	287						

BSA BKME 055



#64: BSA BKME 055

Full Spectrum # 64 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	983	62.45	250	83.00	666	98.15	1466
41.05	7451	65.15	693	84.05	4315	99.00	577
42.10	1822	66.25	356	84.80	494	104.05	2686
43.15	6873	67.05	789	85.15	2009	104.70	322
50.35	363	69.00	1984	86.00	370	105.05	21
51.15	284	70.00	1104	87.50	407	112.90	293
54.35	566	70.25	1172	88.70	279	116.35	295
55.10	4348	71.10	2659	90.90	655	119.85	301
56.10	3173	76.00	2704	93.00	510	120.95	186
57.05	7016	77.05	370	95.85	91	122.00	1403
58.05	545	82.60	333	97.10	2374	125.95	647

#64: BSA BKME 055

Full Spectrum # 64 from F:\BSA_BKME.L

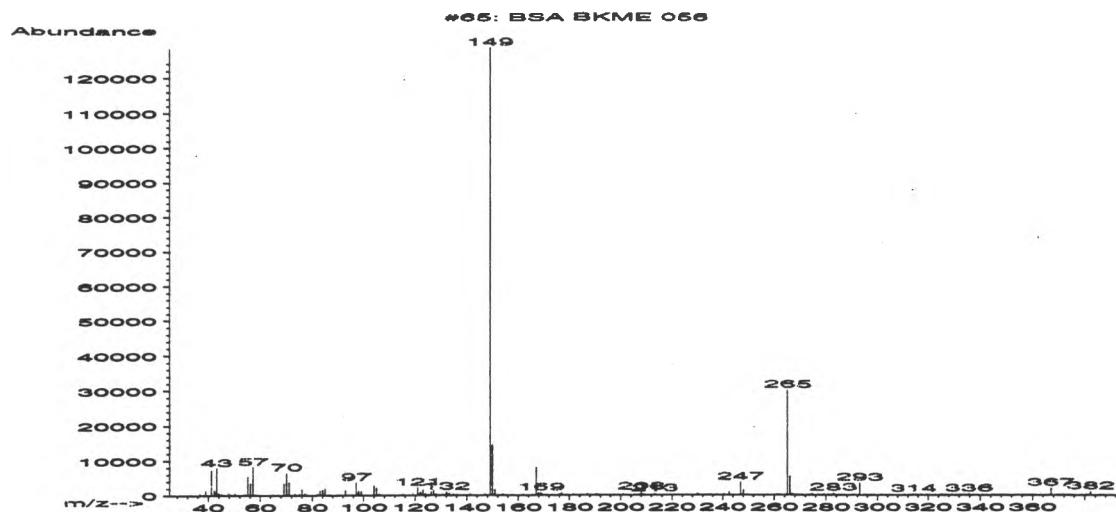
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
126.20	1081	162.90	698	195.15	350	249.90	1998
127.05	961	167.00	7791	205.00	228	251.00	1660
131.35	315	174.95	919	206.10	153	252.10	624
132.00	922	177.05	294	207.00	539	265.15	26336
133.05	313	180.05	254	207.95	82	266.10	3842
149.00	87480	189.95	258	208.85	981	267.15	284
150.00	8700	190.20	663	210.70	254	281.00	235
150.90	1652	191.05	2864	221.10	129	293.10	879
155.15	217	192.05	252	247.00	3841	323.15	320
160.80	412	193.45	341	248.15	592	325.55	420
161.90	186	193.95	438	248.90	163	355.10	23

#64: BSA BKME 055

Full Spectrum # 64 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
356.00	321						
363.40	588						
396.25	490						

BSA BKME 056



#65: BSA BKME 056

Full Spectrum # 65 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.70	454	56.10	3475	77.15	555	104.05	2792
39.05	1359	57.10	8174	82.10	376	105.05	2206
41.10	7252	58.20	143	83.00	1359	106.00	338
42.25	1447	64.95	307	84.10	1515	115.15	281
43.10	7894	67.15	233	85.10	1985	119.05	520
44.05	592	69.10	3410	93.05	1458	121.00	2243
45.00	333	70.10	6441	95.95	181	121.75	528
47.90	553	71.10	3759	97.10	3685	122.05	989
50.15	491	73.35	505	97.90	508	123.00	1646
53.95	361	74.95	317	98.15	1232	123.85	417
55.05	5447	76.10	1732	99.10	1213	126.10	1040

#65: BSA BKME 056

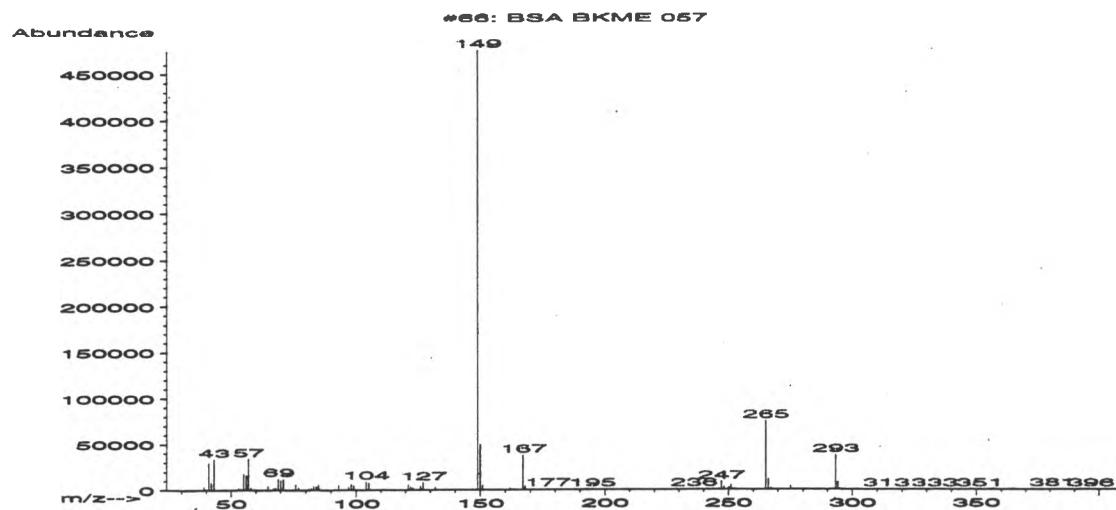
Full Spectrum # 65 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.10	1316	149.95	14480	187.15	299	240.55	338
128.05	317	150.95	1613	190.35	298	242.55	929
130.55	254	154.00	305	190.95	107	247.00	3721
132.00	981	162.00	275	200.95	310	248.10	1439
132.25	593	167.05	7976	205.15	315	265.15	29952
133.05	561	167.90	660	207.00	274	266.10	5293
134.75	339	168.20	572	208.00	905	267.10	373
136.00	246	169.00	741	208.25	322	274.60	399
141.25	254	176.10	463	208.95	261	279.20	295
147.20	425	176.95	702	213.30	374	282.80	612
149.00	128232	181.55	305	230.10	520	293.05	3509

#65: BSA BKME 056
Full Spectrum # 65 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
314.15	281						
315.05	277						
325.35	254						
335.70	404						
347.90	254						
367.15	2052						
380.75	284						
381.95	332						
382.25	1090						

BSA BKME 057



#66: BSA BKME 057

Full Spectrum # 66 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	270	55.05	17792	72.15	713	85.90	304
39.10	3951	56.10	16512	72.75	305	91.15	286
40.20	1171	57.05	34104	74.95	286	91.60	329
41.10	29776	58.10	2496	76.00	6575	92.10	600
42.10	8171	59.95	277	77.05	2728	93.05	5560
43.10	33712	65.00	4649	79.25	515	94.00	882
47.00	283	67.15	2084	81.05	1853	95.10	308
50.00	796	68.05	2665	82.10	2539	96.20	440
51.15	366	69.05	12710	83.05	4544	97.05	3217
53.00	2439	70.10	10803	84.10	3804	98.10	6702
54.00	1310	71.10	12140	85.05	6064	99.10	4937

#66: BSA BKME 057

Full Spectrum # 66 from F:\BSA_BKME.L

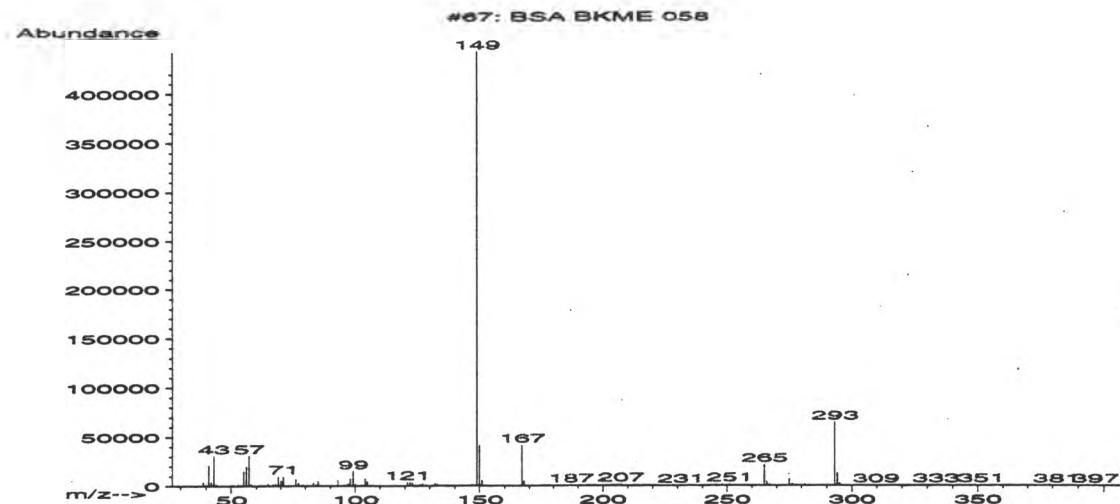
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
101.10	499	118.75	266	135.10	181	161.90	1984
102.00	277	121.00	5791	143.65	259	162.90	251
103.00	372	122.05	3571	146.00	435	163.80	455
104.00	9094	123.05	2819	146.30	364	167.00	37632
105.05	7652	124.35	256	146.70	400	168.00	3882
106.10	404	125.15	323	147.15	441	169.20	106
110.10	310	126.10	4280	149.00	475072	170.00	327
111.05	635	127.15	8320	150.00	49384	172.00	344
112.00	372	128.00	160	150.95	4902	176.00	534
112.70	452	131.95	3313	158.80	272	177.00	880
114.90	62	133.05	39	159.90	351	179.00	415

#66: BSA BKME 057

Full Spectrum # 66 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
180.05	290	236.10	399	267.10	2113	295.10	1143
188.15	287	246.05	355	272.40	305	301.40	259
189.55	412	247.10	8663	274.95	3901	307.25	92
190.05	324	248.10	3161	276.15	715	313.45	278
191.00	78	249.05	103	279.80	300	333.15	304
193.05	268	250.05	2341	281.20	883	351.20	372
194.95	643	251.00	4883	282.05	668	380.75	469
200.85	361	251.95	323	287.20	401	391.25	263
203.05	141	263.75	440	290.70	438	396.55	292
207.95	568	265.10	74888	293.15	37424		
209.20	269	266.15	11512	294.15	8011		

BSA BKME 058



#67: BSA BKME 058

Full Spectrum # 67 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.50	342	55.05	14846	71.10	9842	85.05	4611
39.05	4206	56.05	19728	74.35	301	87.20	254
40.00	1286	57.10	30856	75.05	569	87.60	308
41.10	20752	58.00	1311	76.10	6945	93.05	6026
42.15	3965	58.25	145	77.05	3207	94.90	417
43.10	30664	64.45	338	79.10	989	95.20	696
44.05	1318	65.00	2426	81.10	670	95.95	558
50.05	891	67.00	1706	82.20	263	97.10	2578
50.95	758	68.05	1926	83.10	3291	98.10	7491
53.00	1711	69.10	9377	83.95	609	99.15	14762
54.25	1168	70.10	5766	84.30	629	100.15	1332

#67: BSA BKME 058

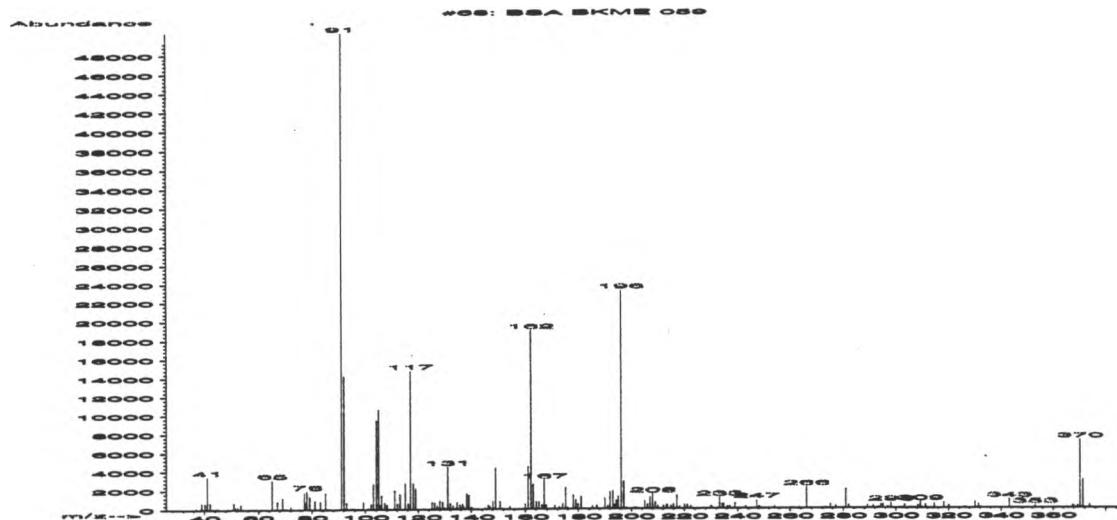
Full Spectrum # 67 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
102.50	396	124.10	806	139.15	364	176.75	355
104.05	7826	124.95	303	144.05	287	177.20	571
105.05	4479	126.10	1730	146.85	1393	186.90	710
106.10	549	127.05	2336	149.00	441984	189.05	290
109.20	287	128.25	604	150.00	41144	196.95	307
111.10	205	131.05	803	150.95	5319	202.85	98
111.60	287	132.00	2877	161.85	908	204.95	330
114.85	278	133.05	1757	163.40	252	205.30	392
120.95	3947	134.15	255	167.00	41568	206.55	969
122.00	3719	136.25	429	168.00	4928	207.00	126
122.95	3207	137.15	266	176.00	669	207.25	1550

#67: BSA BKME 058
Full Spectrum # 67 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
208.10	252	265.15	21216	309.55	284		
217.00	739	266.15	4191	327.85	265		
221.10	26	267.15	1555	333.25	517		
221.60	313	275.05	6639	334.05	421		
222.20	421	276.15	1625	351.30	559		
230.90	292	277.00	591	354.60	312		
231.20	442	281.05	1185	357.10	260		
247.10	462	283.10	408	359.40	284		
248.10	1291	293.15	64368	381.35	308		
250.10	335	294.15	12679	396.65	390		
250.95	1707	295.05	2573				

BSA BKME 059



#68: BSA BKME 059

Full Spectrum # 68 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.80	135	52.25	251	81.10	909	104.15	9459		
38.80	274	53.45	551	83.10	823	105.10	10608		
39.05	694	65.10	3106	85.10	1737	105.80	445		
40.20	645	67.05	867	91.05	50352	106.10	1416		
41.10	3449	69.10	1223	92.05	14172	107.30	714		
42.20	701	70.10	77	93.05	735	108.15	496		
43.10	30	72.05	300	95.10	131	111.15	2062		
44.00	48	77.10	1773	99.30	778	112.15	659		
45.05	109	77.45	741	101.05	174	113.10	1631		
50.95	683	78.05	1942	102.25	540	115.00	2756		
51.35	271	79.10	1383	103.10	2683	116.05	639		
117.00	14764	131.10	4475	146.30	448	164.15	774		
118.05	2742	132.05	626	147.00	321	165.10	802		
119.00	2164	133.05	333	148.15	907	166.20	455		
119.95	20	134.55	728	149.05	4370	167.10	3051		
122.20	70	135.65	463	150.80	812	167.80	396		
125.10	794	136.65	561	152.05	28	171.10	365		
126.10	679	137.05	260	154.40	304	172.70	256		
127.10	368	138.20	1672	160.00	560	174.05	561		
128.05	944	139.15	1469	161.10	4499	175.15	2236		
129.10	781	140.05	206	162.15	19008	176.10	135		
130.00	158	145.05	141	163.10	2636	178.10	1469		

#68: BSA BKME 059

Full Spectrum # 68 from F:\BSA_BKME.L

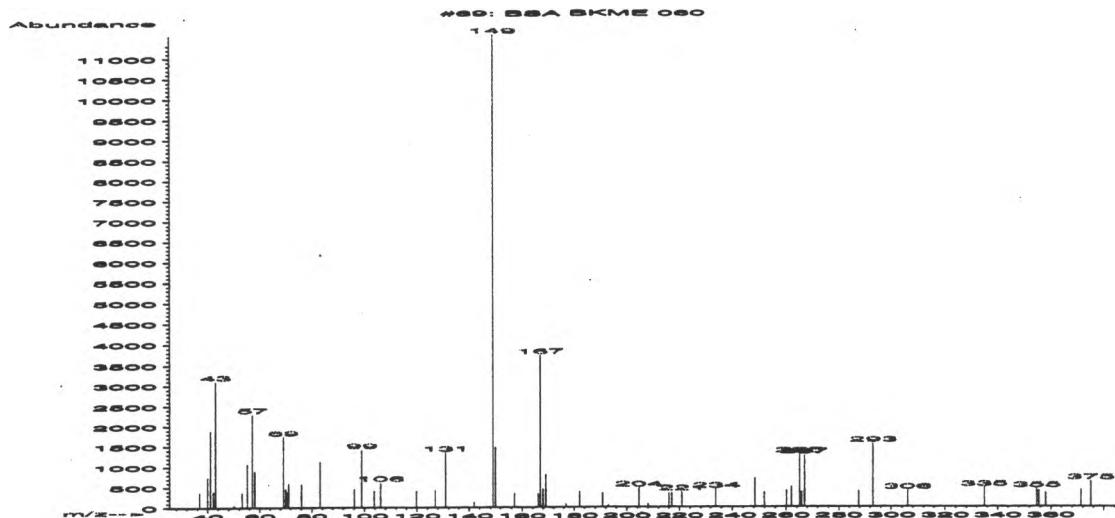
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
179.05	947	195.05	1311	210.00	318	229.90	266
180.00	557	196.10	23216	212.10	353	230.20	257
181.05	1286	197.10	2846	213.10	401	233.10	126
185.25	295	198.05	112	213.50	387	233.25	1136
186.95	375	201.30	119	215.00	348	234.20	482
190.10	1106	202.10	112	216.00	473	234.70	510
191.10	274	205.10	866	217.20	1417	236.10	232
192.05	1808	206.10	466	218.30	252	237.00	281
193.10	1881	207.10	1220	219.90	405	239.10	580
193.75	444	208.10	1521	221.10	417	243.10	231
194.35	899	209.05	670	222.30	251	247.20	889

#68: BSA BKME 059

Full Spectrum # 68 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
248.15	256	281.05	2016	308.35	307	367.45	343
253.10	19	282.05	381	309.40	642	368.10	212
254.05	253	289.20	358	311.25	384	369.35	272
260.35	123	291.40	294	314.55	485	370.25	7215
261.10	73	293.20	147	318.20	634	371.30	2985
263.25	135	294.30	407	320.05	311	373.95	329
266.20	2236	295.10	457	326.20	147		
273.30	122	296.95	184	330.05	670		
275.15	478	298.10	566	331.35	410		
277.15	311	302.20	19	343.20	954		
280.20	108	303.30	392	353.10	279		

BSA BKME 060



#69: BSA BKME 060

Full Spectrum # 69 from F:\BSA_BKME.L

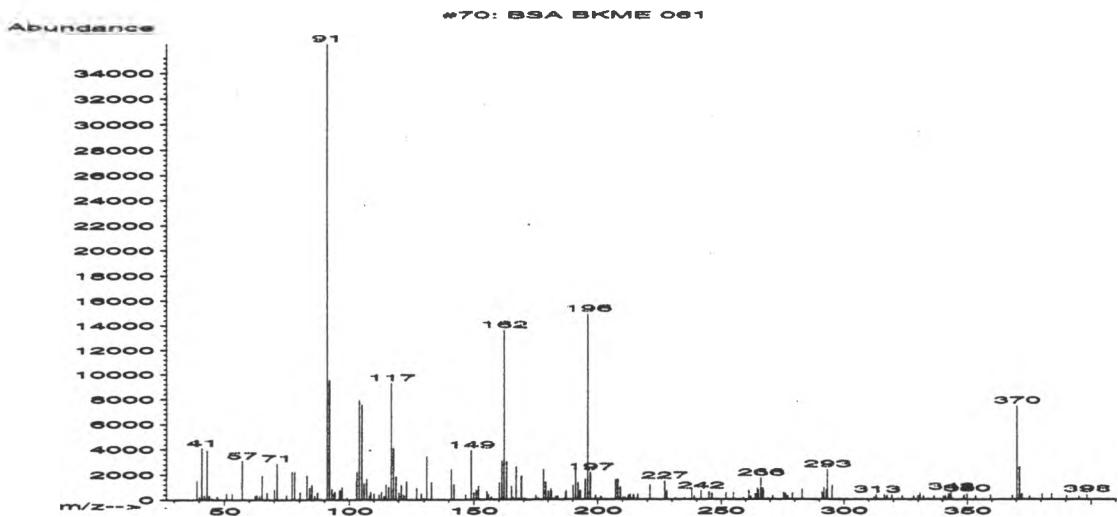
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.90	378	70.05	463	130.95	1343	190.75	348
40.00	748	70.45	381	141.95	133	193.00	54
41.05	1887	71.20	588	149.00	11552	204.55	466
42.10	392	76.05	568	149.95	1473	208.05	79
43.05	3098	83.15	1121	157.20	345	216.00	340
50.05	51	96.10	455	166.10	334	217.10	356
53.15	365	99.00	1409	167.00	3725	221.00	373
55.15	1068	103.70	407	167.90	452	233.90	434
57.10	2292	106.10	606	169.10	803	248.55	707
58.05	888	119.85	410	176.90	83	251.95	361
69.10	1736	127.05	420	182.15	385	260.25	404

#69: BSA BKME 060

Full Spectrum # 69 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
262.05	497	371.45	419				
265.15	1282	375.05	625				
265.85	370						
266.95	1258						
287.60	393						
293.15	1547						
306.15	398						
334.85	466						
354.80	437						
355.60	410						
358.10	341						

BSA BKME 061



#70: BSA BKME 061
Full Spectrum # 70 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1504	62.25	323	80.35	579	96.10	745
40.10	217	63.05	369	83.05	1906	97.10	999
41.05	4083	64.05	296	84.05	924	99.15	162
42.10	312	65.10	1914	85.05	1176	102.90	1480
43.10	3895	67.10	561	86.20	283	103.15	2194
44.05	313	70.10	804	87.25	563	104.05	7907
45.10	101	71.10	2866	91.05	36304	105.05	7555
47.10	265	74.90	338	92.05	9545	106.05	1279
50.90	472	77.05	2230	93.05	826	107.10	1647
53.10	481	78.10	2211	94.00	465	108.20	284
57.05	3064	80.10	169	94.25	625	108.70	601

#70: BSA BKME 061
Full Spectrum # 70 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
110.10	468	122.15	345	148.95	3904	165.10	1028
112.10	399	123.10	1460	150.05	523	165.85	152
113.10	644	127.15	921	151.10	759	167.05	2626
114.25	260	129.00	473	152.00	1063	168.20	105
115.00	1190	130.05	79	155.20	641	169.10	1861
115.95	982	131.05	3412	155.80	374	170.20	108
117.00	9294	133.05	1382	157.00	217	175.10	313
118.00	4077	138.10	30	160.10	1351	176.10	114
119.05	1841	141.05	2396	161.10	3041	178.10	2371
120.15	549	142.05	1193	162.10	13635	179.05	1406
121.05	1182	146.80	375	163.10	2966	180.10	665

#70: BSA BKME 061

Full Spectrum # 70 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
181.10	827	193.10	694	211.05	141	238.15	853
181.35	632	195.05	1611	212.30	345	239.10	233
182.05	96	196.10	14894	213.00	389	241.75	673
183.05	248	197.10	2136	214.40	363	244.95	592
183.85	275	198.80	42	215.05	71	246.15	485
185.15	22	199.15	325	216.00	396	251.95	515
186.95	521	201.20	227	221.05	1140	255.05	546
187.25	682	207.10	1562	226.95	1470	259.05	129
190.15	1104	208.00	1569	227.90	683	261.35	718
191.10	2247	209.00	972	231.20	111	262.15	252
192.15	1330	210.20	156	235.15	108	264.05	446

#70: BSA BKME 061

Full Spectrum # 70 from F:\BSA_BKME.L

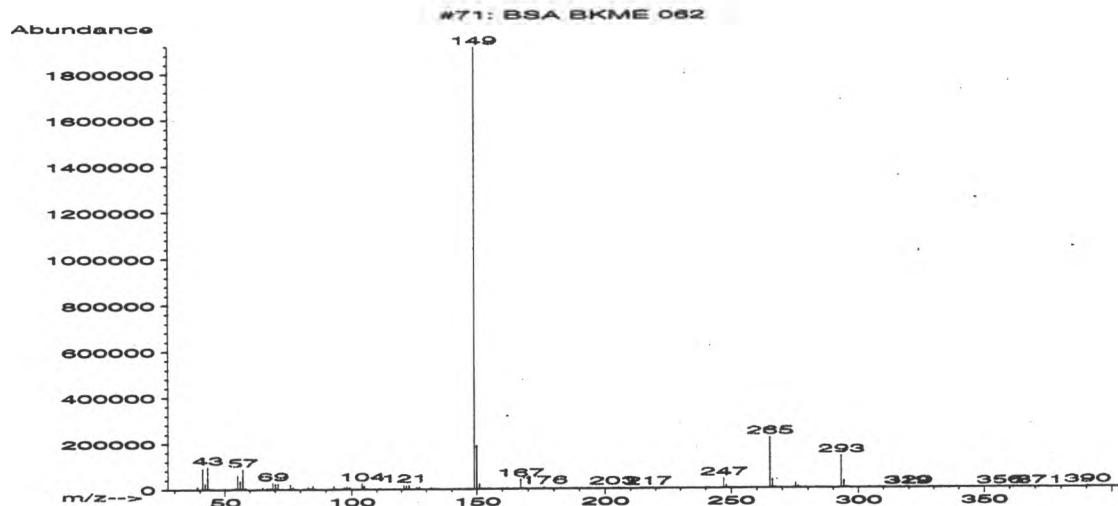
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
264.85	896	282.00	7	319.35	347	342.60	471
265.25	724	283.05	804	323.45	270	343.40	587
266.30	1688	291.10	608	328.15	271	348.40	265
267.00	877	291.80	946	329.95	299	348.80	354
267.25	705	292.90	760	330.75	533	349.80	468
269.10	126	293.20	2360	332.15	257	353.40	256
271.05	294	295.25	1086	334.00	54	359.30	341
275.45	547	312.20	190	336.50	277	368.25	318
276.30	471	313.15	365	340.20	265	370.20	7469
277.20	271	316.35	357	341.10	325	371.30	2577
279.15	529	317.35	263	342.30	389	372.15	409

#70: BSA BKME 061

Full Spectrum # 70 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
375.25	255						
380.45	456						
384.25	460						
390.35	299						
395.30	240						
398.35	402						

BSA BKME 062



#71: BSA BKME 062

Full Spectrum # 71 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	11972	55.05	61576	72.15	1397	84.05	5460
41.10	90744	56.05	35456	73.05	351	85.05	15481
42.10	23528	57.05	87792	74.05	611	86.15	846
43.10	98032	58.10	6084	75.10	2264	88.50	297
44.05	3802	65.10	11387	76.05	20312	91.20	338
45.00	2044	66.10	1295	77.05	8767	92.00	542
50.00	4943	67.05	6334	78.05	304	93.05	14895
51.10	1971	68.10	6257	79.00	2006	94.00	1804
51.85	723	69.10	28864	81.10	3439	95.15	1132
53.05	4549	70.05	22944	82.05	2311	96.05	1732
54.10	7198	71.10	24896	83.05	11439	96.30	512

#71: BSA BKME 062

Full Spectrum # 71 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
97.10	9446	115.10	974	125.10	905	143.10	599
98.10	11961	116.95	750	126.15	8472	145.10	250
99.10	7619	117.90	960	127.10	8753	145.70	316
100.10	885	118.90	232	127.95	438	146.00	897
104.05	25640	119.15	390	129.15	404	146.60	698
105.05	15374	120.05	1175	131.05	329	147.00	2640
106.00	1488	121.00	17696	132.00	6526	149.00	1914880
108.60	181	122.00	14805	133.05	1759	150.00	190976
109.90	288	123.05	16720	134.05	625	151.00	20464
111.00	1344	123.90	670	135.00	1686	152.05	1754
113.10	104	124.10	1198	141.05	604	155.00	269

#71: BSA BKME 062

Full Spectrum # 71 from F:\BSA_BKME.L

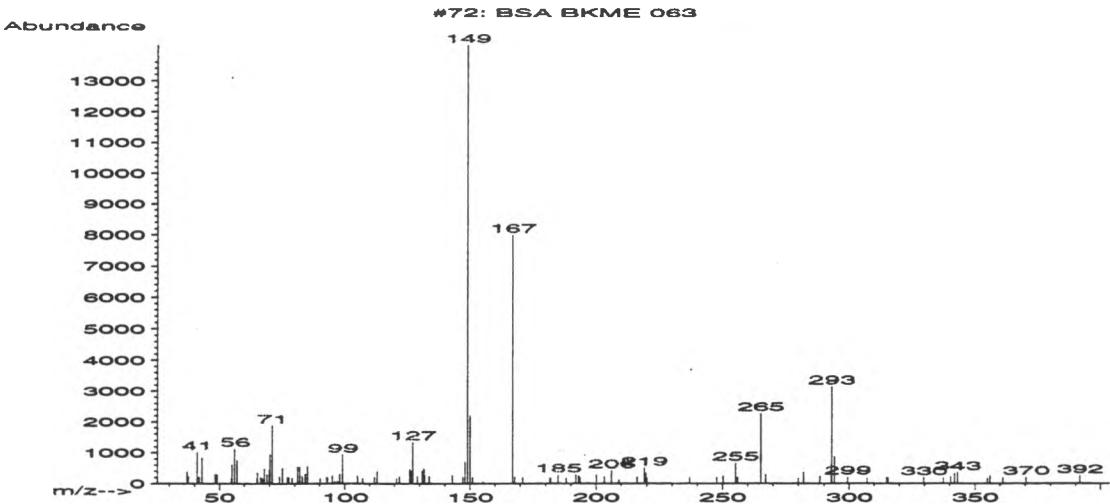
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
158.10	824	172.00	303	188.85	810	216.20	499
158.90	394	173.10	258	189.20	138	217.05	2760
159.95	2406	174.10	442	190.95	398	219.00	1767
161.10	273	174.70	682	192.95	702	220.30	254
161.90	483	175.15	1199	193.95	543	220.90	58
163.00	540	176.05	8046	196.15	343	222.20	290
163.95	658	176.95	1747	196.95	308	234.15	149
165.10	1529	178.95	576	202.95	4187	234.95	313
167.00	41368	181.05	375	203.35	365	240.35	337
168.05	4245	182.75	267	204.05	2696	247.05	42944
168.90	944	187.85	429	205.05	589	248.10	11783

#71: BSA BKME 062

Full Spectrum # 71 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
249.00	2326	277.10	1782	319.10	812	390.30	4516
250.15	265	278.90	628	320.05	1347	391.35	458
251.05	77	282.00	48	333.15	878	391.85	258
252.15	255	283.90	292	345.15	589		
265.15	221888	293.15	140480	355.05	489		
266.15	35672	294.20	31840	356.00	684		
267.10	4296	295.10	3823	361.20	480		
268.05	181	296.10	328	365.30	387		
274.30	890	304.35	323	371.45	523		
275.15	21216	308.95	257	372.05	383		
276.15	7582	310.75	268	377.35	267		

BSA BKME 063



#72: BSA BKME 063

Full Spectrum # 72 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	381	64.85	173	77.05	197	95.10	259
37.50	225	65.15	357	77.65	194	96.05	69
41.05	1015	66.35	212	78.95	180	97.05	68
41.90	207	67.15	177	81.10	547	98.05	317
43.05	829	67.95	480	82.05	544	99.20	937
48.20	297	68.95	301	83.00	224	105.00	249
49.00	295	69.90	436	84.20	309	105.20	205
54.75	171	70.10	948	85.05	564	107.10	171
55.05	615	71.05	1884	90.20	169	112.00	204
56.05	1126	73.95	217	92.80	217	112.95	394
57.05	748	75.05	495	93.10	185	120.75	170

#72: BSA BKME 063

Full Spectrum # 72 from F:\BSA_BKME.L

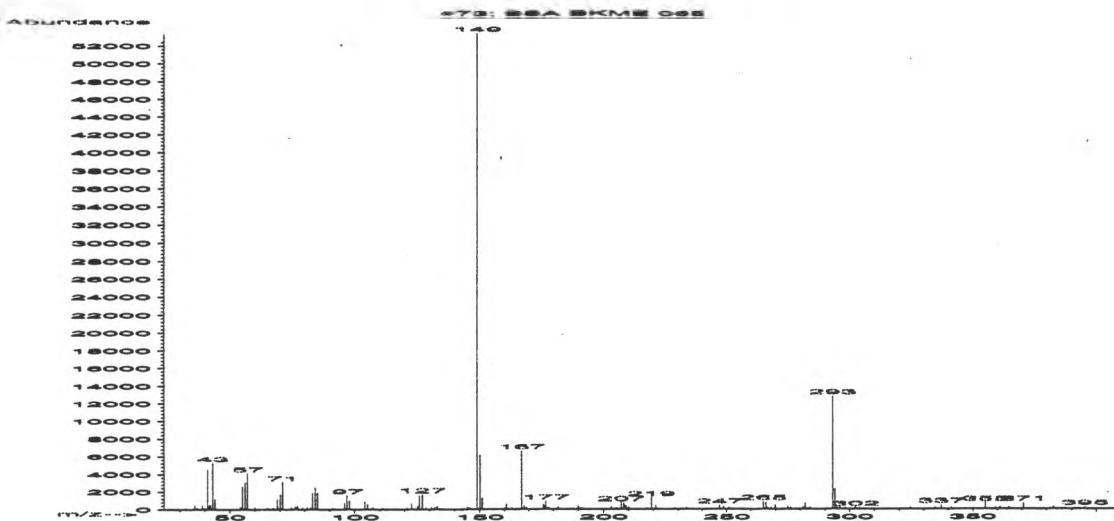
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
121.95	225	147.85	702	185.05	283	219.00	506
126.05	472	148.95	14144	188.25	172	219.70	335
126.35	420	150.00	2192	190.95	6	220.00	173
127.15	1331	151.00	194	191.95	276	237.00	199
129.05	234	155.15	58	193.05	251	247.75	196
131.05	418	166.95	7997	193.55	190	250.25	243
131.60	476	167.90	220	200.05	281	255.10	663
131.85	260	171.10	195	203.25	215	255.85	200
133.75	229	177.25	26	206.15	422	265.10	2272
142.85	264	181.65	178	209.05	127	267.00	292
147.00	217	182.05	173	216.20	208	280.00	171

#72: BSA BKME 063

Full Spectrum # 72 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
282.10	360	340.30	221				
288.50	242	341.80	327				
292.80	639	342.95	361				
293.15	3145	355.05	160				
294.15	867	356.00	246				
299.40	208	361.20	187				
307.25	180	370.25	199				
315.05	200	391.65	259				
315.45	172						
329.65	195						
337.40	188						

BSA BKME 065



#73: BSA BKME 065

Full Spectrum # 73 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.80	464	56.15	3066	77.00	381	103.95	864
37.00	174	57.05	4089	79.05	191	105.10	596
38.95	481	60.05	229	81.05	225	107.10	185
40.00	178	65.15	176	82.30	224	111.20	167
41.00	4479	67.35	184	83.05	1840	121.05	189
41.80	449	68.90	1127	84.15	2460	122.85	679
42.15	486	69.10	404	85.05	1864	125.35	368
43.10	5264	70.10	1683	91.30	209	126.00	1608
44.05	1160	71.05	3078	96.15	743	127.10	1708
54.25	278	74.55	248	97.05	1589	128.55	195
55.05	2622	76.05	353	98.05	1037	130.75	260

#73: BSA BKME 065

Full Spectrum # 73 from F:\BSA_BKME.L

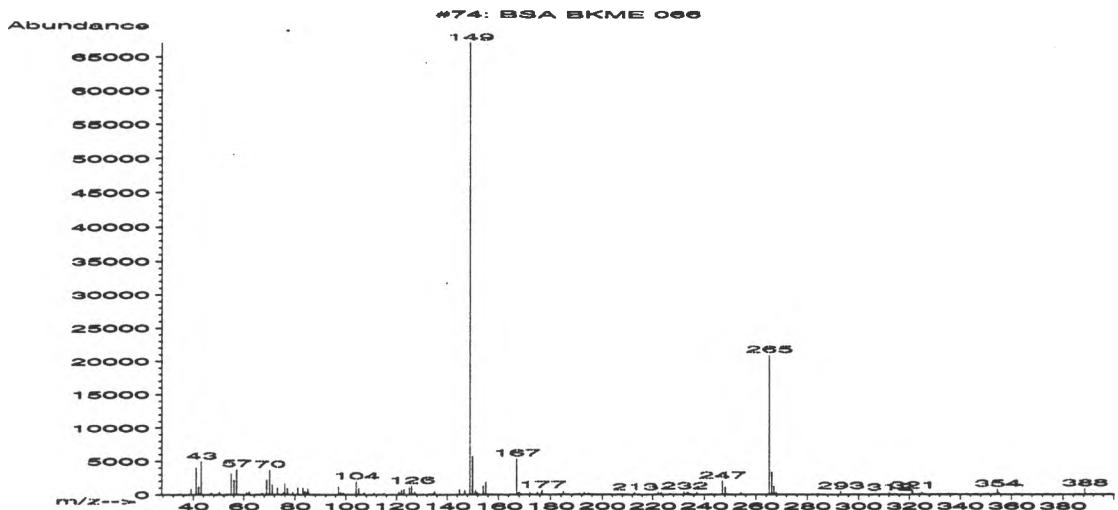
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
132.05	238	168.05	410	207.00	768	248.75	269
132.95	368	168.90	225	208.00	736	251.15	188
145.10	313	176.00	555	208.25	593	265.00	853
146.00	184	176.30	414	208.95	368	266.15	793
149.00	53376	176.95	949	210.10	230	266.75	167
150.05	6154	178.05	185	217.10	177	267.95	169
151.00	1279	181.85	292	219.15	1309	269.85	464
160.10	182	190.00	377	221.05	457	274.90	355
160.70	645	191.05	163	228.50	174	276.00	172
163.00	176	203.05	280	233.40	185	281.05	285
167.00	6633	205.15	167	247.15	477	281.95	705

#73: BSA BKME 065

Full Spectrum # 73 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
284.00	215	337.30	494				
293.15	12796	341.20	184				
294.15	2256	355.15	730				
295.00	346	359.40	185				
296.20	312	361.10	223				
298.40	207	364.90	234				
302.40	192	370.65	708				
304.15	173	382.75	267				
321.15	105	395.35	233				
324.65	184						
334.65	197						

BSA BKME 066



#74: BSA BKME 066

Full Spectrum # 74 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	845	67.15	237	83.80	477	111.15	210
41.05	4009	68.95	2223	84.10	311	115.05	255
42.05	1176	70.15	3700	84.95	801	120.95	424
43.15	4970	71.05	1469	85.20	376	122.00	654
47.00	294	73.10	972	93.20	46	123.00	728
50.25	365	75.40	325	97.05	1206	125.05	1040
55.00	3165	76.00	1617	98.00	337	126.05	1322
56.05	2187	77.05	883	98.95	241	127.15	351
57.10	3828	79.15	373	104.05	1959	133.05	109
61.15	338	81.05	1020	105.00	959	134.65	277
62.15	435	83.05	943	107.20	255	135.05	456

#74: BSA BKME 066

Full Spectrum # 74 from F:\BSA_BKME.L

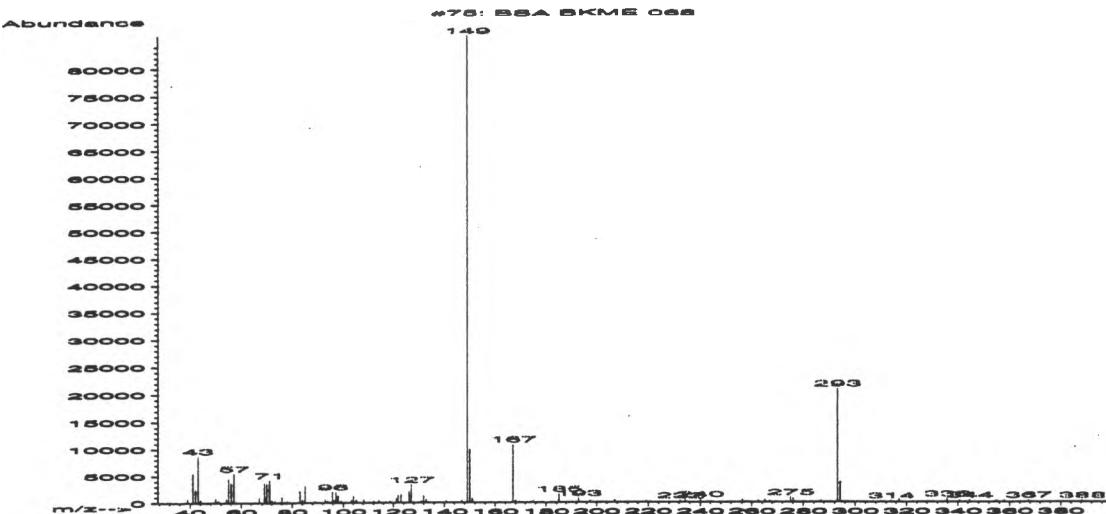
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
144.90	733	172.20	256	223.20	275	267.90	291
146.95	598	175.10	330	232.20	439	282.00	142
149.00	67104	176.55	286	233.40	268	284.05	151
149.95	5676	176.85	638	233.90	289	293.05	502
151.05	543	184.85	429	237.20	321	307.10	36
151.80	256	190.95	166	247.00	2047	312.25	250
154.15	1272	192.95	260	248.10	1068	321.05	486
155.10	1892	194.70	192	254.15	293	321.35	553
166.95	5380	208.00	125	265.15	20984	324.95	255
167.80	279	212.90	276	266.10	3336	354.60	758
168.10	326	222.10	302	267.10	1222	355.05	234

#74: BSA BKME 066

Full Spectrum # 74 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
388.55	878						

BSA BKME 068



#75: BSA BKME 068

Full Spectrum # 75 from F:\BSA_BKME.L

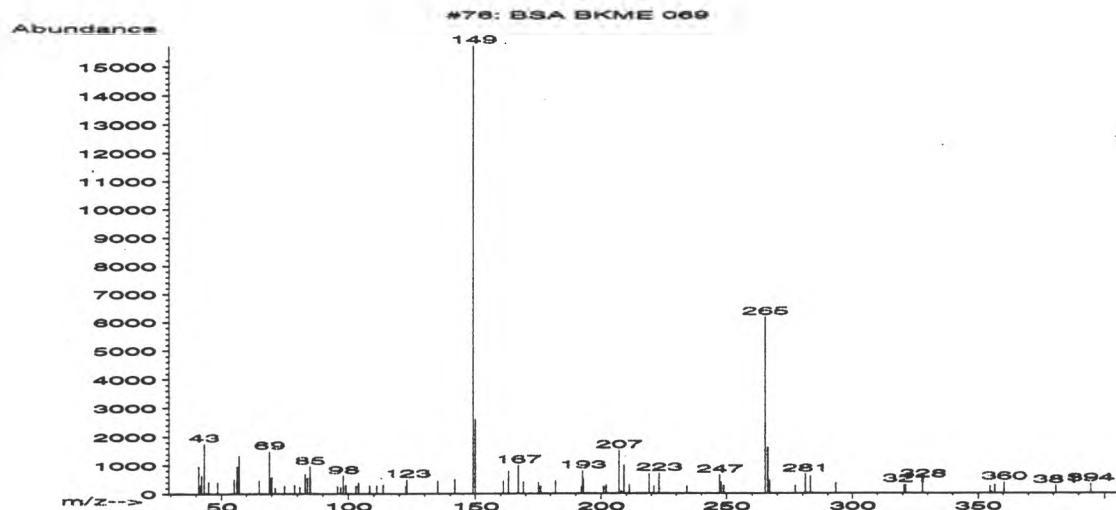
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	660	67.00	885	84.10	536	103.40	378
41.10	5449	69.10	3671	85.05	3144	104.05	1191
42.10	2395	69.85	1035	88.90	297	105.20	471
43.05	8750	70.10	3580	93.05	596	108.30	452
44.05	387	71.05	4224	93.90	303	112.20	291
50.00	772	71.95	420	95.25	62	114.15	455
51.05	330	73.05	315	95.80	2054	118.75	300
54.15	648	76.00	1027	96.40	401	121.10	752
55.10	4466	77.00	87	97.10	1867	121.85	1348
56.10	3643	78.15	257	98.10	1323	123.05	1531
57.10	5478	83.00	2207	99.20	330	126.20	2060

#75: BSA BKME 068

Full Spectrum # 75 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.10	3424	168.10	344	240.00	577	317.15	546
131.05	267	175.10	309	256.25	481	335.80	616
131.95	1317	184.75	458	262.45	344	340.70	311
132.95	548	185.05	1616	265.15	451	344.60	399
140.85	261	192.85	770	267.00	248	354.90	303
146.80	415	197.25	303	275.15	932	358.00	282
149.00	86096	197.55	264	276.05	733	367.35	354
150.00	9952	207.05	397	286.80	274	388.35	303
150.95	717	219.10	270	293.15	20944		
167.05	10832	232.30	296	294.15	3788		
167.80	279	234.30	378	313.95	268		

BSA BKME 069



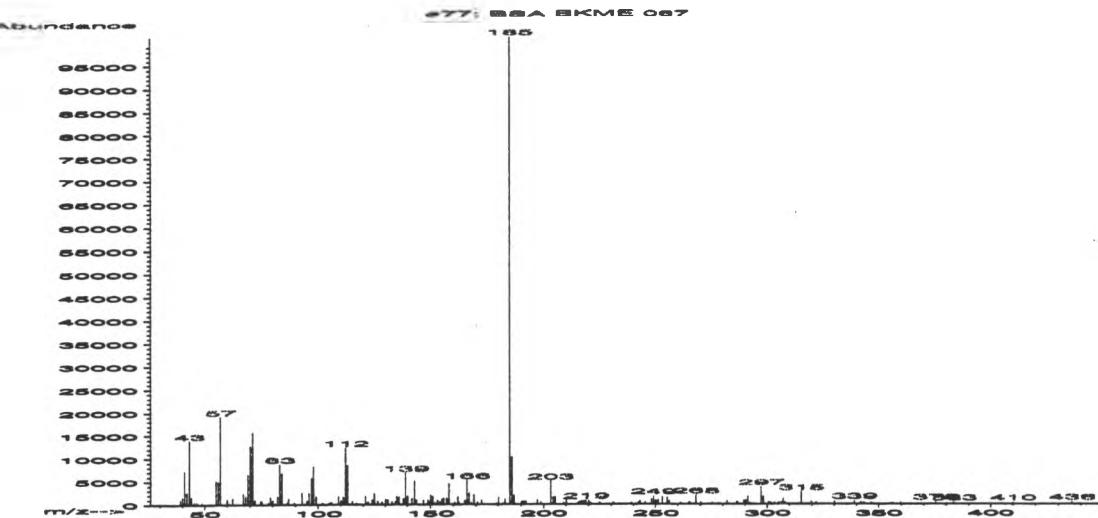
#76: BSA BKME 069
Full Spectrum # 76 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
41.05	962	69.05	1487	95.70	261	123.00	497
41.70	312	69.75	546	96.05	16	135.15	451
42.15	635	70.05	590	97.05	225	141.75	512
43.10	1751	71.30	200	98.05	629	149.00	15721
44.00	27	75.05	283	99.10	307	149.95	2614
44.90	404	78.95	309	103.00	283	161.10	447
48.50	405	81.10	234	104.00	382	163.05	797
55.05	513	83.10	672	108.40	280	166.95	1002
56.15	955	84.05	557	111.20	281	169.00	421
57.00	1342	84.95	963	113.55	315	175.10	388
65.15	466	85.20	515	122.65	274	176.00	273

#76: BSA BKME 069
Full Spectrum # 76 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
181.95	456	219.15	692	281.00	676	394.55	334
190.95	35	221.00	278	283.00	611		
192.15	252	223.10	716	293.20	371		
192.70	809	234.10	263	320.45	296		
192.90	542	247.15	647	321.15	305		
201.05	258	247.85	389	327.95	477		
202.05	306	248.85	284	354.60	257		
207.05	1517	265.15	6187	355.15	46		
207.95	79	266.15	1607	356.50	304		
209.00	997	267.00	457	360.30	388		
211.20	301	277.00	279	381.05	278		

BSA BKME 067



#77: BSA BKME 067

Full Spectrum # 77 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	969	56.10	4959	74.75	698	89.60	418
39.95	1550	57.05	19128	75.20	744	93.05	2541
41.05	7225	60.05	1111	78.05	454	95.10	820
42.05	2547	60.90	211	79.05	1577	96.05	2429
43.10	13823	62.55	1352	80.05	891	97.15	5867
44.05	1607	67.10	2279	81.10	189	98.05	8235
45.40	400	68.10	1768	82.05	1748	99.10	1655
46.60	385	69.05	6503	83.05	8723	102.00	411
48.80	357	70.15	12646	84.05	6760	105.10	386
54.10	162	71.10	15618	86.40	389	105.90	471
55.05	5176	72.15	899	87.00	1242	109.10	1744

#77: BSA BKME 067

Full Spectrum # 77 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
110.15	843	124.05	1049	138.30	1226	153.10	902
111.15	1606	125.10	2371	139.05	6882	154.15	529
112.15	12303	126.65	707	140.05	1869	155.10	1183
113.10	8506	128.45	545	142.05	1307	155.90	1415
115.25	672	130.05	1161	143.10	5211	157.15	1323
116.85	380	131.10	1051	144.05	1007	158.10	4486
117.15	57	133.00	626	147.00	926	160.60	439
119.00	88	134.35	641	149.05	997	162.00	1679
121.05	1839	135.05	1847	150.15	2055	162.40	477
122.05	376	136.15	1677	151.10	1756	164.00	117
122.35	604	137.95	1169	152.05	274	165.10	891

#77: BSA BKME 067

Full Spectrum # 77 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
166.10	5228	185.10	101216	204.25	1602	220.20	799
167.00	2460	186.10	10299	205.10	1511	221.05	311
168.10	366	187.00	1923	209.00	431	224.90	420
169.15	1989	190.15	615	210.10	959	230.90	446
170.80	498	191.00	807	215.30	413	239.10	377
172.60	940	191.25	423	216.10	619	242.15	456
179.10	270	192.10	677	216.50	340	243.00	775
180.15	1628	194.15	12	217.10	788	245.25	395
181.95	288	197.15	999	217.45	171	247.15	23
182.95	1183	198.65	576	218.00	736	248.15	1093
183.25	195	203.10	5075	218.90	823	249.15	1768

#77: BSA BKME 067

Full Spectrum # 77 from F:\BSA_BKME.L

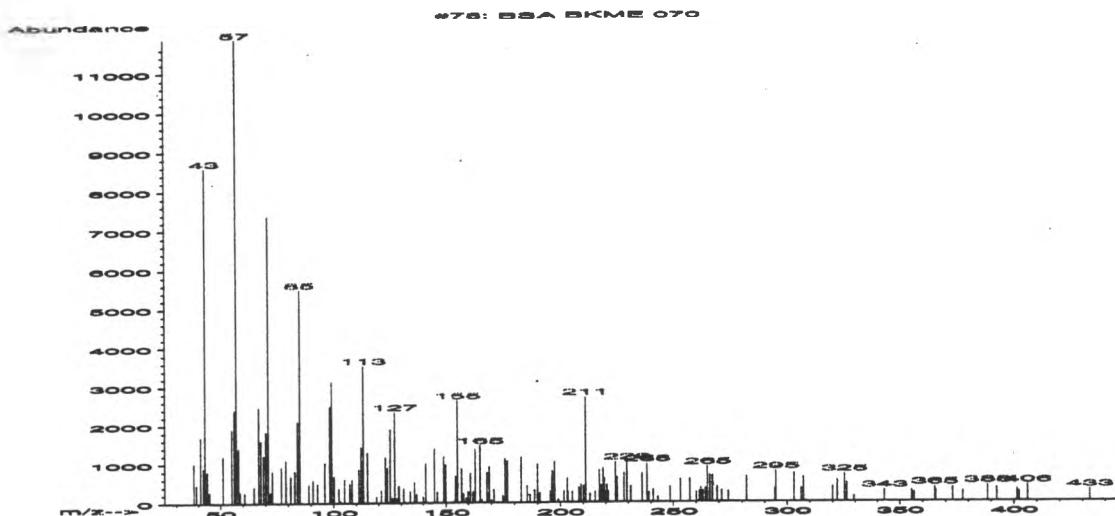
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
250.15	855	275.30	334	293.20	103	319.85	593
251.05	946	279.20	129	297.25	3776	321.95	440
253.15	1542	282.05	776	298.25	1582	330.15	608
255.30	1435	283.05	56	300.50	487	339.10	715
256.15	705	286.20	539	301.50	372	341.10	87
261.15	376	286.80	423	303.20	365	342.10	507
265.10	492	289.30	837	305.15	357	343.40	401
265.45	445	289.80	411	306.15	424	346.60	343
267.15	132	290.40	938	307.10	1171	355.05	225
268.20	1914	291.25	1680	307.95	366	356.20	364
270.25	453	292.20	342	315.30	2630	359.70	401

#77: BSA BKME 067

Full Spectrum # 77 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
375.25	515						
383.25	394						
409.90	362						
436.05	498						

BSA BKME 070



#78: BSA BKME 070

Full Spectrum # 78 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.95	1015	58.10	1387	73.00	803	96.10	1028
39.10	461	58.75	280	77.05	915	98.25	2494
41.05	1693	60.75	258	79.05	1083	99.15	3135
42.40	877	64.95	418	81.10	678	100.20	673
43.10	8584	67.05	2466	82.80	803	102.30	365
44.05	793	68.05	1599	83.05	807	102.95	46
45.00	271	69.10	1205	84.10	2097	104.80	608
51.20	1190	70.10	1825	85.10	5489	107.05	488
55.05	1893	71.10	7365	89.10	472	108.15	604
56.15	2395	71.95	252	91.05	576	111.15	867
57.10	11859	72.25	266	93.05	496	112.10	1432

#78: BSA BKME 070

Full Spectrum # 78 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
113.10	3542	129.05	438	154.00	66	165.15	1469
115.00	1286	131.15	370	154.30	677	166.05	70
119.00	154	134.15	290	155.15	2638	168.15	775
121.05	317	136.15	527	157.10	864	169.15	917
123.00	1168	137.15	216	157.95	218	170.25	54
123.85	892	140.00	155	159.10	124	171.20	349
125.10	1890	141.10	1011	159.90	276	175.05	178
126.15	129	144.90	1391	160.90	744	176.05	1123
127.15	2342	146.20	271	162.00	243	177.05	1068
127.95	119	149.10	1185	162.20	278	183.10	1156
128.75	434	149.90	974	163.05	1370	185.55	433

#78: BSA BKME 070

Full Spectrum # 78 from F:\BSA_BKME.L

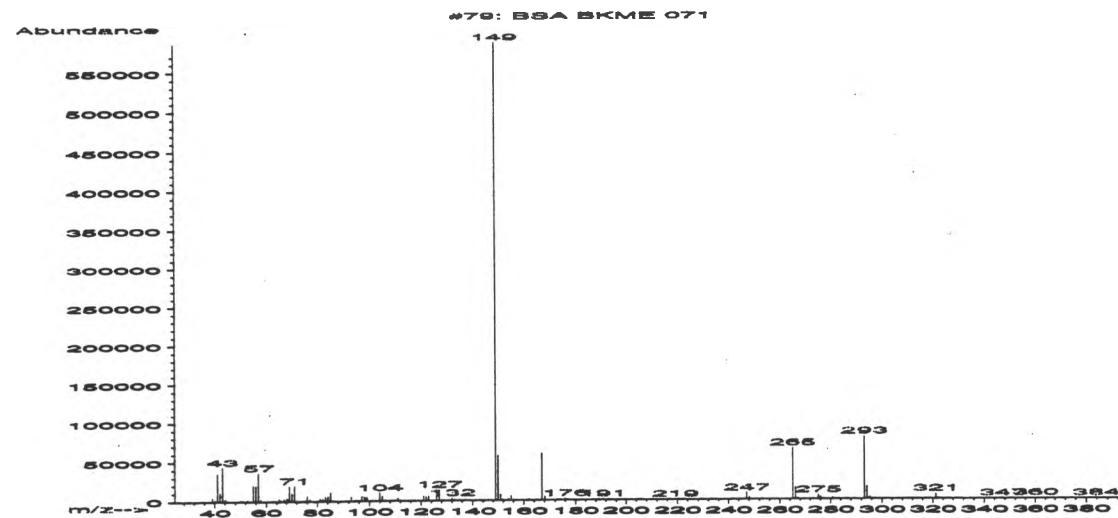
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
186.90	201	203.00	619	218.90	872	238.20	988
188.75	330	203.25	282	219.40	619	239.15	243
190.00	986	205.20	271	220.20	273	240.90	323
191.00	244	208.05	392	220.50	452	243.10	131
195.45	284	208.95	458	221.10	277	248.55	396
196.00	649	210.10	427	224.25	1031	253.15	584
196.25	805	211.10	2715	225.00	643	257.20	592
197.10	386	213.00	213	228.10	747	260.05	252
197.35	1046	215.30	274	229.40	1037	261.35	286
198.95	74	217.15	821	231.15	406	262.15	368
201.55	296	218.00	444	236.10	728	262.95	297

#78: BSA BKME 070

Full Spectrum # 78 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
264.05	356	303.10	734	355.20	287	433.15	303
264.35	347	306.15	336	356.25	241		
265.00	912	307.15	626	365.20	372		
266.10	680	308.10	29	365.70	285		
267.25	678	316.35	22	373.15	361		
269.25	391	320.05	385	377.55	274		
271.25	293	322.15	551	388.35	415		
274.10	272	325.35	715	392.35	343		
282.05	644	326.25	487	401.40	313		
294.50	340	329.40	140	402.30	258		
295.05	785	343.20	299	406.00	418		

BSA BKME 071



#79: BSA BKME 071

Full Spectrum # 79 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	393	50.95	304	68.20	3604	82.05	2356
37.20	253	52.80	1022	69.10	19192	83.10	5724
37.60	306	53.00	740	70.10	9869	84.10	5602
39.10	4910	55.05	20072	71.10	19584	85.05	11038
39.85	40	56.05	19288	72.10	1053	85.95	715
40.05	1463	57.05	36032	74.05	769	86.20	339
41.10	35520	58.00	2139	75.10	627	90.95	567
42.05	10700	63.05	264	76.00	6484	92.10	274
43.10	43416	65.00	2957	77.05	2594	93.05	5134
44.05	2382	66.10	620	80.05	264	94.10	305
50.00	1145	67.10	3374	81.10	3067	94.90	301

#79: BSA BKME 071

Full Spectrum # 79 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.20	559	111.10	3298	128.15	637	146.80	376
95.95	544	111.90	262	128.85	319	149.00	586368
96.15	1036	112.20	415	129.15	735	150.00	57312
97.10	6005	114.95	184	132.00	3414	151.05	7291
98.15	5156	116.95	254	133.05	1306	151.85	577
99.05	4444	119.05	315	135.00	944	152.20	261
101.00	383	121.00	6324	137.05	543	154.05	1935
104.05	10449	122.00	4690	137.75	285	155.10	5603
105.05	5791	123.00	5749	141.15	631	156.20	393
108.20	335	126.10	6386	142.95	262	158.90	258
110.20	305	127.15	14007	146.20	878	161.10	815

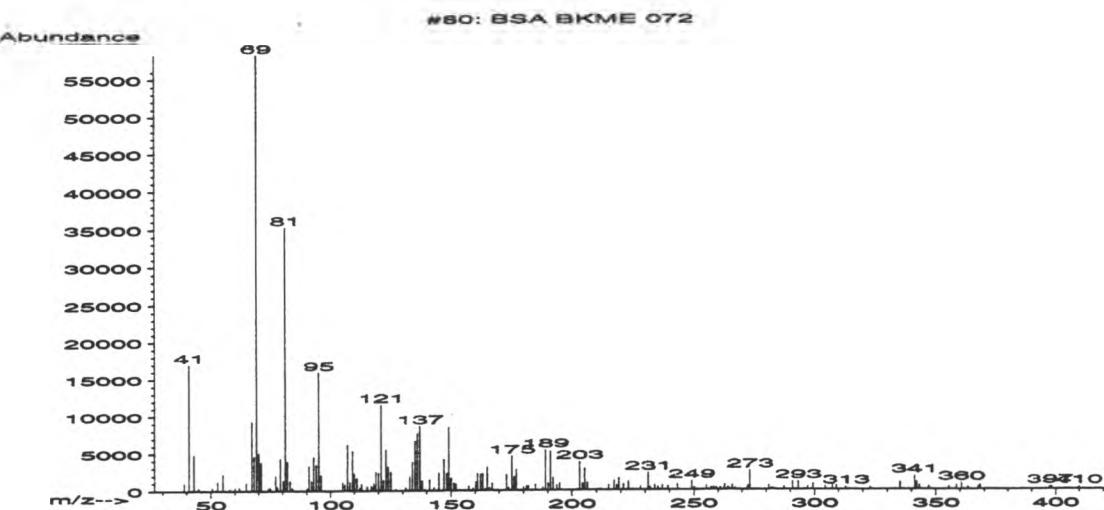
#79: BSA BKME 071
Full Spectrum # 79 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
162.00	1664	191.95	307	221.10	316	273.10	250
164.10	258	192.95	528	223.00	295	275.15	5576
165.05	1041	194.05	278	232.40	326	276.10	3263
167.00	59832	199.75	490	232.90	264	281.00	1891
168.05	4916	204.85	280	235.00	462	282.00	713
173.10	483	205.15	300	247.10	8550	283.10	314
174.00	293	209.90	341	248.05	2529	289.50	290
176.05	2166	216.00	463	265.15	65496	293.15	80216
176.65	252	217.00	356	266.15	15054	294.15	15535
189.15	1157	219.10	568	266.95	777	295.25	1948
190.95	1491	220.10	322	267.25	518	298.30	292

#79: BSA BKME 071
Full Spectrum # 79 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
304.15	754						
319.45		305					
321.20		6708					
322.10		1293					
325.05		323					
341.10		334					
347.10		558					
356.10		263					
360.00		772					
367.25		265					
383.65		367					

BSA BKME 072



#80: BSA BKME 072

Full Spectrum # 80 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1005	61.95	447	77.85	419	94.10	3441
41.10	17008	64.75	1039	79.10	4353	95.10	15907
42.15	52	67.10	9316	80.25	1321	96.10	2055
43.10	4840	68.10	4613	81.10	35192	105.05	1077
45.00	338	69.10	58304	82.00	3914	105.95	816
50.65	379	70.15	5033	83.10	1300	107.05	6202
53.00	1184	71.10	3802	84.00	347	108.05	1086
55.05	2222	74.15	339	90.20	357	109.15	5353
56.05	72	74.95	363	91.00	3304	110.05	2272
58.10	239	77.05	2013	92.05	1297	111.05	1656
60.05	404	77.55	537	93.00	4531	112.20	334

#80: BSA BKME 072

Full Spectrum # 80 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
113.10	856	127.10	191	143.05	373	161.05	2272
115.35	496	131.05	363	145.00	2383	162.15	2200
117.05	576	131.55	350	147.05	4160	163.15	2295
118.05	998	133.05	1881	148.25	2266	164.25	224
119.00	2557	134.10	3840	149.05	8516	165.05	3141
120.00	2357	135.10	6713	150.00	1632	166.00	340
121.15	11555	136.10	7738	151.15	929	167.05	893
122.05	1362	137.10	8663	152.00	835	173.05	2127
123.05	5539	138.05	1282	157.40	606	173.80	406
124.10	3202	139.15	106	159.05	280	175.15	4610
125.10	2495	141.20	1412	160.20	1133	176.10	1879

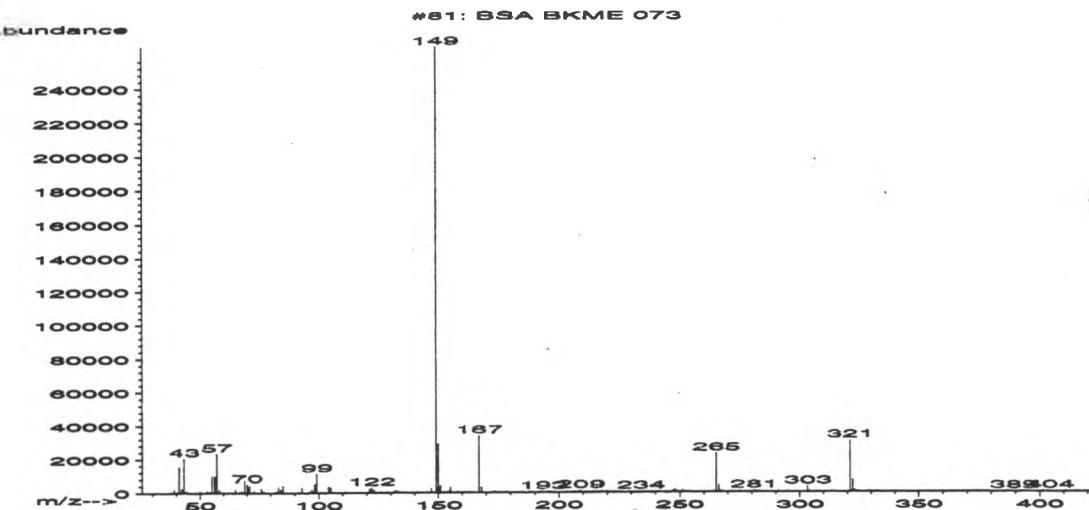
#80: BSA BKME 072
Full Spectrum # 80 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
177.05	2816	193.75	632	217.15	1237	237.00	604
178.05	33	195.00	896	218.30	645	239.30	515
179.95	453	202.05	177	219.15	1589	243.15	724
181.15	599	203.15	3809	221.10	734	245.05	19
181.95	554	204.25	897	223.05	1122	249.00	1180
184.95	766	205.20	2908	228.10	480	250.20	350
188.05	349	206.25	938	231.25	2297	255.20	597
189.05	5420	207.05	16	232.05	370	256.95	122
190.10	963	210.95	139	234.00	652	257.15	344
191.10	5234	212.10	135	235.10	93	258.15	445
192.15	1702	215.10	638	235.30	447	259.25	328

#80: BSA BKME 072
Full Spectrum # 80 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
260.95	345	287.40	401	335.25	946	397.45	347
262.75	680	290.90	1065	341.30	1820	398.25	346
264.25	347	293.20	1090	342.15	972	409.80	334
265.05	108	297.30	436	343.10	537		
265.95	635	299.35	796	347.10	417		
267.10	204	304.45	496	355.30	430		
272.40	506	307.25	16	358.40	595		
273.25	2571	307.45	599	360.50	855		
281.10	616	309.05	564	363.20	355		
282.10	193	312.85	385	367.35	443		
282.95	196	322.95	362	368.15	647		

BSA BKME 073



#81: BSA BKME 073

Full Spectrum # 81 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.00	251	56.05	10038	73.00	964	95.90	201
39.00	1964	57.05	23208	76.05	2494	96.15	809
40.10	677	58.15	1671	77.00	910	97.10	1856
41.05	15680	59.75	294	81.05	379	97.40	477
42.05	2561	65.05	1686	81.90	719	98.15	5099
43.10	20512	65.85	327	82.80	609	99.10	11305
44.05	957	67.10	735	83.15	3185	100.20	267
50.00	896	68.00	891	84.05	1910	104.05	3594
53.00	915	69.05	7482	85.05	4259	105.00	3050
54.25	543	70.10	5007	91.10	123	111.15	915
55.05	10002	71.10	4099	93.05	2919	113.05	467

#81: BSA BKME 073

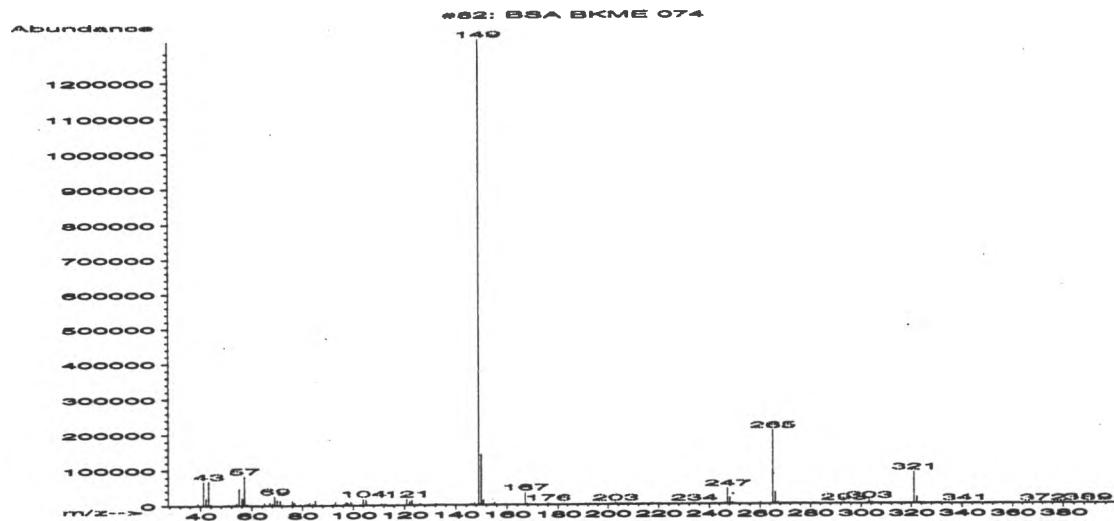
Full Spectrum # 81 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
120.95	2329	149.00	264576	167.00	34032	193.35	406
122.00	3033	150.00	29096	168.05	3026	195.05	339
122.95	1456	150.95	3841	172.30	289	206.05	422
127.95	261	154.10	573	173.40	958	209.00	1074
131.95	1436	154.80	534	174.80	265	215.80	305
132.90	505	155.10	3129	176.00	355	217.00	303
133.25	620	158.10	313	176.30	278	218.10	343
135.05	310	158.95	248	177.85	423	219.90	720
141.15	177	161.00	306	187.25	285	224.90	317
145.20	363	161.95	52	191.00	71	233.90	393
147.00	2341	163.00	642	192.95	157	235.00	318

#81: BSA BKME 073
Full Spectrum # 81 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
240.85	327	272.00	266	313.15	284		
247.15	938	275.10	546	321.20	30768		
248.00	1458	281.00	872	322.20	7179		
249.05	634	282.00	290	322.85	329		
251.00	894	283.10	205	323.20	763		
252.05	261	283.40	252	333.15	364		
254.15	259	291.20	591	389.25	310		
260.25	471	294.90	500	404.30	481		
265.15	23176	303.25	3406	410.80	296		
266.15	3984	303.95	444				
267.05	539	307.55	256				

BSA BKME 074



#82: BSA BKME 074

Full Spectrum # 82 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.00	7746	57.05	82448	76.05	12507	94.10	1473
41.10	67944	58.05	3601	76.95	8452	96.30	3910
42.10	20632	65.05	7406	79.25	3392	97.10	9479
43.10	68704	67.15	8703	81.05	3167	97.90	7092
44.00	3203	68.15	6770	82.10	5543	99.20	9904
50.15	1677	69.05	25744	83.00	8976	104.00	17648
50.95	2973	70.05	15252	84.10	4887	105.10	14549
53.05	1300	71.15	13756	85.10	13822	109.20	1077
54.05	7923	72.15	1256	87.30	1263	111.10	4232
55.05	46920	73.15	346	92.00	1118	112.20	3776
56.15	21208	75.15	1690	93.00	9769	112.95	2451

#82: BSA BKME 074

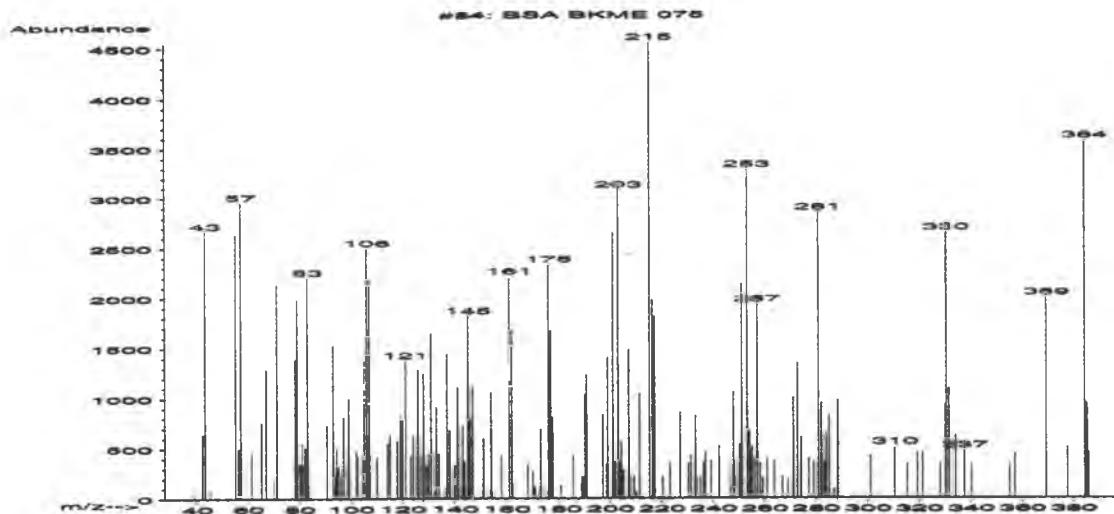
Full Spectrum # 82 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
115.05	1714	134.95	1892	160.10	1798	188.95	1361
117.05	1688	140.05	1229	161.80	1977	191.05	2176
120.95	17352	146.00	3530	163.00	754	192.95	1452
122.05	10455	147.30	5154	164.20	1332	195.05	1091
122.95	14042	149.00	1314304	164.80	1044	201.95	1097
123.95	1394	150.00	143040	167.00	34152	202.95	4491
124.95	1369	150.90	13475	167.90	3016	204.05	1340
126.15	5097	153.10	1369	169.00	1755	208.05	2494
127.05	722	154.10	3059	171.00	1056	208.95	664
132.05	3822	155.10	6341	176.00	4928	217.20	1031
132.95	1391	159.20	1352	176.95	1019	217.50	1067

#82: BSA BKME 074
Full Spectrum # 82 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
219.90	1863	266.15	32168	323.25	1504		
234.00	3601	267.15	4639	323.95	1014		
236.50	1283	281.10	1303	340.90	1600		
242.05	1618	282.90	1285	371.95	1014		
246.15	2514	293.10	3814	389.25	1202		
247.15	43928	303.20	9090				
248.15	18064	304.15	3421				
249.15	4080	307.15	1093				
250.05	1133	319.25	1140				
260.25	3844	321.15	88544				
265.15	207104	322.25	19824				

BSA BKME 075



#84: BSA BKME 075

Full Spectrum # 84 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.00	47	71.10	2139	93.95	233	107.10	2200
42.10	647	77.10	44	94.30	509	110.15	413
43.15	2670	78.25	1386	95.10	315	114.25	552
45.15	63	79.10	1980	96.05	231	115.05	635
55.00	2636	80.25	346	97.10	813	117.95	579
56.15	497	81.10	550	99.10	998	119.05	819
57.05	2957	82.15	503	102.10	473	120.00	776
61.25	456	83.05	2206	102.60	418	121.10	1378
65.15	758	84.05	142	104.60	415	123.05	430
67.00	1292	90.70	736	105.05	1456	124.05	634
70.00	189	93.05	1528	106.05	2498	126.00	1289

#84: BSA BKME 075

Full Spectrum # 84 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
128.10	1252	141.10	1114	155.15	70	176.15	2336
129.10	338	142.05	86	157.15	3	177.05	1677
129.95	450	143.10	736	158.20	438	177.80	809
131.05	1651	144.05	371	161.15	2216	180.95	131
132.25	75	145.15	1822	162.20	1686	185.85	439
133.05	915	146.00	797	163.05	152	189.10	230
134.05	445	147.05	1122	168.15	344	190.00	216
136.15	108	150.10	78	170.20	277	190.35	1037
137.15	1445	151.15	599	171.05	118	191.00	1236
138.15	687	153.15	82	173.15	694	197.05	837
140.15	340	154.10	1064	175.15	85	198.65	340

#84: BSA BKME 075

Full Spectrum # 84 from F:\BSA_BKME.L

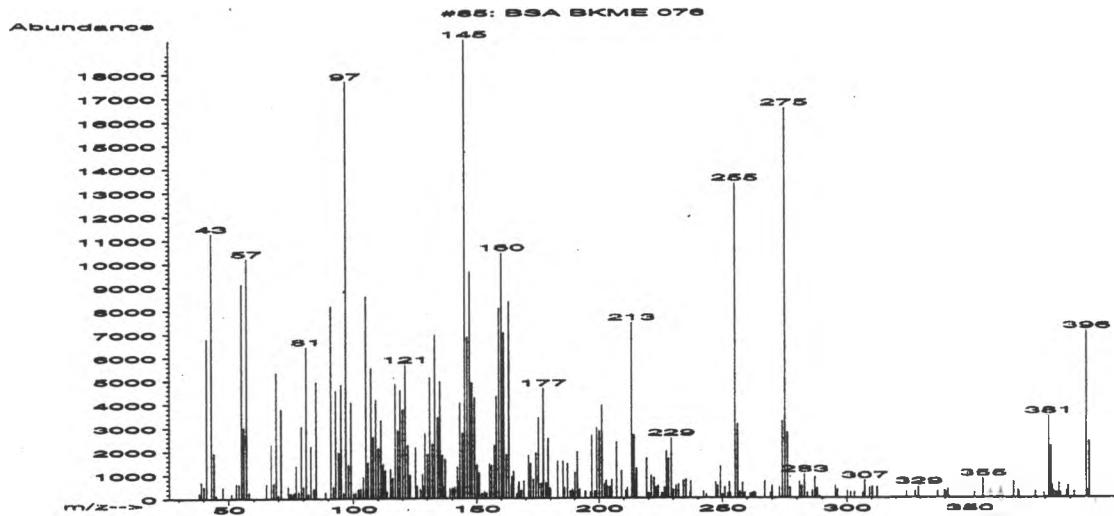
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
199.00	1406	211.20	1049	235.00	218	254.05	684
201.10	2651	215.10	4549	236.10	346	254.75	442
202.00	367	216.20	1978	236.90	459	255.05	518
203.10	3084	217.10	1814	239.15	375	256.05	393
203.85	370	219.05	19	242.25	518	257.20	1936
204.20	562	220.20	221	246.65	336	258.25	350
205.15	283	223.10	354	247.85	1058	259.35	199
207.05	1483	227.15	861	248.15	370	261.05	396
208.05	39	230.30	346	250.25	532	263.75	373
209.05	233	231.20	436	251.00	2139	267.00	214
210.00	71	233.10	825	253.20	3289	269.15	184

#84: BSA BKME 075

Full Spectrum # 84 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
271.35	1005	288.30	979	337.40	476		
272.95	1348	301.10	426	340.20	335		
274.30	608	310.45	513	354.80	333		
277.25	395	315.35	342	357.00	446		
279.10	362	319.25	453	369.25	2003		
281.00	2854	321.25	460	377.55	509		
282.05	951	328.05	347	382.45	33		
283.30	362	330.00	936	384.40	3577		
284.00	654	330.40	2654	385.15	950		
285.10	835	331.45	1095	385.35	908		
286.85	87	334.05	630	385.85	453		

BSA BKME 076



#85: BSA BKME 076

Full Spectrum # 85 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.10	243	54.10	598	74.00	505	83.00	2207
39.05	694	55.10	9117	74.35	203	84.15	418
40.10	506	56.05	2999	74.95	227	85.10	4947
41.10	6797	57.10	10201	75.85	208	89.00	278
43.10	11269	58.15	253	76.35	255	91.05	8187
44.05	1935	65.15	625	77.10	1383	92.15	514
44.95	129	67.10	2272	78.15	284	93.05	4564
47.60	489	68.10	635	79.10	3069	94.15	1942
51.05	201	69.10	5324	80.00	495	95.05	4815
52.90	503	70.10	134	81.10	6437	96.10	232
53.10	628	71.15	3790	82.05	192	97.10	17672

#85: BSA BKME 076

Full Spectrum # 85 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
98.10	1415	108.10	2592	119.00	4597	130.10	1860
99.15	4058	109.10	4165	120.05	3754	131.10	5124
100.20	207	110.15	2115	121.10	5667	132.05	2311
101.10	226	111.15	3292	122.10	2252	133.00	6927
102.10	383	112.05	1434	123.05	981	134.15	3450
102.80	97	113.00	1180	125.15	2148	135.10	4950
103.00	395	113.65	271	125.90	529	136.00	1824
104.05	895	115.10	1252	127.20	386	136.20	542
105.10	8580	116.00	863	128.05	1011	137.10	1653
106.05	1519	117.05	4840	128.75	529	139.15	408
107.15	5526	118.10	2868	129.10	2754	140.10	438

#85: BSA BKME 076

Full Spectrum # 85 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
141.10	488	151.05	1088	162.05	1848	171.15	1813
142.10	1323	152.05	207	163.15	8342	172.05	1473
142.65	718	153.15	274	164.15	558	173.05	790
143.10	4060	154.00	218	164.35	913	174.20	1911
144.10	2768	155.15	1465	164.60	638	175.15	3420
145.10	19424	156.15	1399	165.10	1142	176.20	638
146.05	6852	157.10	2239	166.30	200	177.10	4649
147.10	9648	158.10	4314	166.95	519	178.20	656
148.10	4887	159.10	8078	167.25	684	179.05	2537
149.05	4261	160.15	10443	168.15	347	180.00	438
150.10	1411	161.10	7026	169.20	728	183.00	1558

#85: BSA BKME 076

Full Spectrum # 85 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
185.15	1554	196.45	248	207.05	2361	222.15	869
185.85	459	197.05	2653	209.00	1144	222.90	451
187.05	1471	198.15	300	210.80	330	223.80	523
188.15	305	199.10	2977	211.40	435	225.00	78
189.10	383	200.10	2828	213.15	7449	225.40	202
189.45	260	201.15	3919	214.10	2652	226.35	456
190.10	1090	202.20	589	214.90	738	227.20	1984
191.10	1955	202.85	746	215.15	1244	227.60	295
192.05	367	203.20	510	219.15	1666	227.90	374
194.25	288	204.20	488	220.10	223	228.15	1652
194.45	286	205.15	801	221.05	944	229.25	2536

#85: BSA BKME 076

Full Spectrum # 85 from F:\BSA_BKME.L

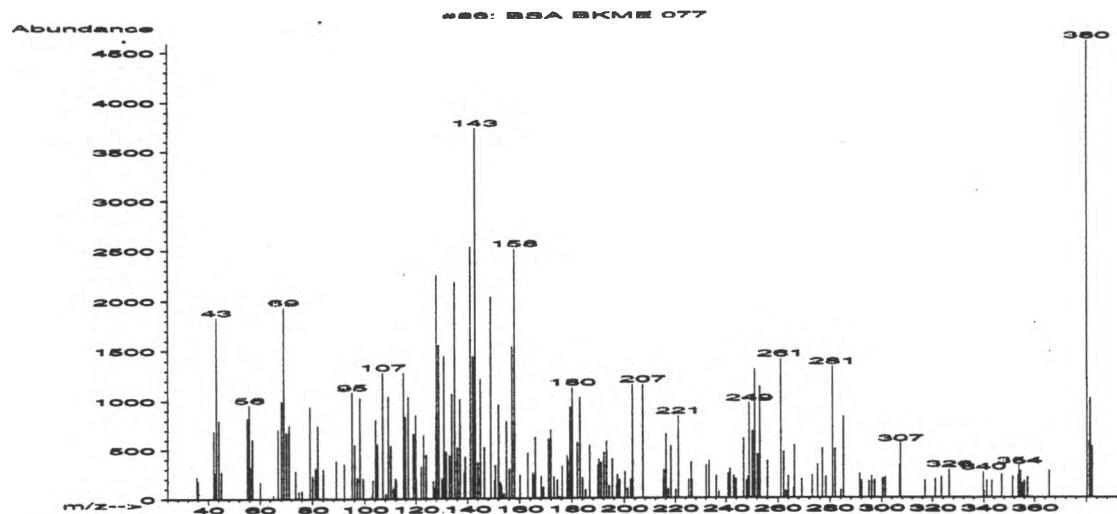
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
230.10	352	249.20	1327	261.25	177	275.25	16520
231.10	539	250.10	148	261.85	204	276.25	2758
232.10	582	250.95	452	262.45	223	277.30	446
234.10	735	252.15	200	262.75	246	281.05	685
235.10	798	252.85	678	263.35	226	282.00	507
236.80	230	253.15	202	267.05	707	283.05	999
237.15	714	255.20	13350	269.35	208	284.20	216
242.25	282	256.15	3124	269.75	202	286.10	314
243.40	160	257.05	263	270.05	514	287.25	876
247.20	664	258.15	640	273.10	454	288.10	414
248.00	528	259.05	224	274.25	3254	289.20	68

#85: BSA BKME 076

Full Spectrum # 85 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
295.25	501	327.95	273	367.30	677	385.45	622
296.10	353	329.25	478	369.15	335	386.15	204
300.20	311	336.90	279	369.45	239	388.55	291
301.50	236	339.70	330	376.05	274	389.05	511
303.00	230	340.00	270	379.45	215	391.55	266
306.35	216	341.00	376	381.45	3473	396.40	7046
307.20	741	351.70	220	382.05	638	397.15	325
309.15	447	355.10	815	382.35	2188	397.50	2360
310.25	470	358.20	302	382.75	532		
312.25	451	360.90	204	383.35	303		
324.25	257	362.20	395	384.35	209		

BSA BKME 077



#86: BSA BKME 077

Full Spectrum # 86 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.50	225	60.15	169	80.15	228	101.90	2
36.00	180	65.20	34	81.10	306	102.85	42
42.10	692	67.00	707	82.00	744	103.10	187
42.40	261	68.20	992	84.10	299	104.30	801
43.10	1830	69.10	1933	89.10	385	105.05	.552
44.05	798	70.10	672	92.10	352	107.05	1282
45.10	273	71.15	747	95.10	1086	108.10	49
55.10	821	73.55	279	96.10	549	109.15	1046
55.90	957	74.80	70	97.10	212	110.10	541
56.25	321	76.10	77	98.10	1030	111.10	104
57.05	604	79.05	937	99.40	205	111.90	206

#86: BSA BKME 077

Full Spectrum # 86 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
112.20	192	127.10	112	137.15	1010	150.80	335
115.10	1281	127.90	855	138.75	269	152.10	957
115.95	839	128.10	2252	139.15	428	152.85	161
117.00	1039	129.00	1558	141.15	2533	153.15	132
119.05	664	130.25	203	142.10	1442	154.00	47
119.90	855	131.00	1446	143.10	3727	155.05	789
120.15	203	131.90	480	144.05	362	156.15	300
122.10	322	133.10	439	145.05	1217	157.15	1536
123.10	648	134.05	1067	146.60	523	158.15	2514
124.15	449	135.15	2180	149.10	2034	160.30	237
126.85	179	136.20	522	150.50	182	163.15	465

#86: BSA BKME 077

Full Spectrum # 86 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
165.05	258	178.10	432	191.05	362	203.10	1157
165.70	234	178.35	394	192.05	469	207.10	1159
166.05	624	179.20	933	193.05	578	215.10	202
168.30	227	180.05	1130	194.05	125	215.40	292
169.15	112	182.05	566	195.30	399	216.25	652
171.00	605	183.05	1030	197.05	140	217.05	89
171.90	699	184.05	207	197.35	239	218.15	529
173.20	219	185.15	86	198.25	190	220.15	84
174.40	188	186.65	535	200.15	268	221.15	839
175.25	17	189.85	335	201.20	98	225.20	191
176.20	322	190.15	399	202.30	193	226.20	365

#86: BSA BKME 077

Full Spectrum # 86 from F:\BSA_BKME.L

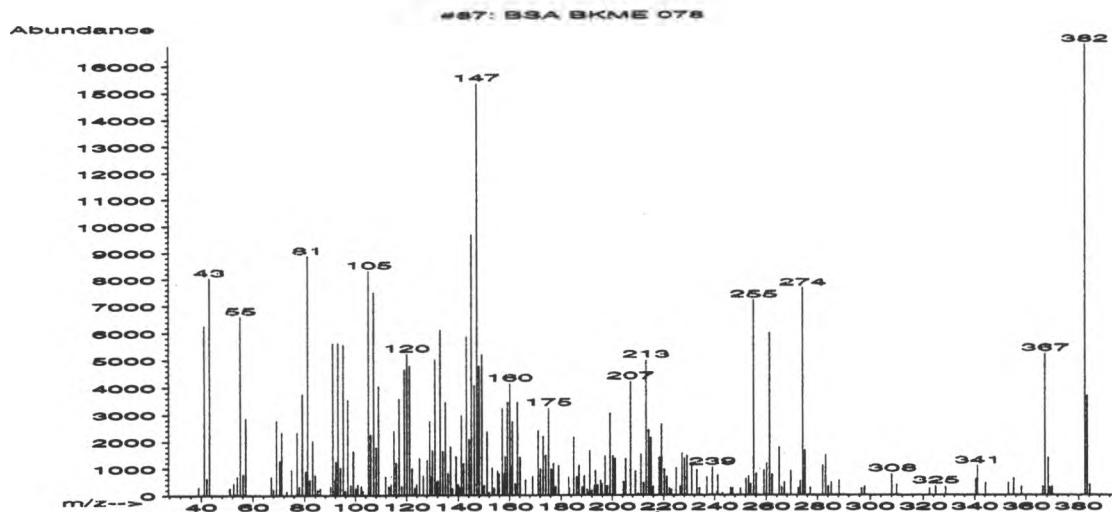
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
226.50	189	248.55	216	266.15	101	291.40	245
232.15	337	249.05	970	266.35	537	292.20	173
233.25	379	250.25	685	269.30	195	295.00	170
236.10	227	251.10	1304	273.20	232	296.20	224
237.30	62	252.20	446	275.30	341	297.30	180
240.85	253	253.15	1137	277.05	506	300.40	203
241.65	297	256.05	379	278.40	218	301.40	215
243.15	230	261.20	1408	281.00	1333	307.10	329
244.05	195	262.25	472	282.05	503	307.45	552
246.90	607	263.15	72	284.15	78	317.05	175
248.05	179	264.05	222	285.10	828	320.95	190

#86: BSA BKME 077

Full Spectrum # 86 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
323.35	215	355.05	145				
326.35	286	356.00	168				
339.70	259	357.20	207				
340.05	66	365.60	275				
341.10	175	380.25	4593				
343.10	169	381.20	568				
346.90	236	381.45	1009				
351.30	212	382.10	521				
353.50	231						
353.90	323						
354.50	272						

BSA BKME 078



#87: BSA BKME 078

Full Spectrum # 87 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	311	57.10	2860	80.25	880	93.05	5637
41.10	6263	67.05	696	81.10	8875	94.00	1026
42.10	628	68.00	222	81.95	555	95.10	5574
43.10	8041	69.10	2769	83.05	2004	96.05	169
50.85	254	70.30	1272	84.10	750	97.05	3544
51.15	255	71.05	2333	85.10	188	98.15	382
52.45	450	73.10	147	86.10	253	99.10	1630
53.05	43	74.90	957	90.10	330	100.10	263
53.85	703	77.05	2330	91.00	5606	100.90	393
55.05	6596	78.00	333	91.85	576	102.20	339
56.10	791	79.10	3741	92.15	1237	103.00	149

#87: BSA BKME 078

Full Spectrum # 87 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
105.15	8320	118.15	346	129.65	693	139.15	1440
106.05	2243	119.05	4648	130.05	1662	139.95	408
107.15	7499	120.05	5220	131.10	5005	140.25	320
108.10	1781	121.05	4787	131.85	497	141.10	2961
109.10	4039	122.05	994	132.15	552	142.05	1178
111.85	693	123.10	270	133.00	6115	143.10	5861
113.15	333	123.85	402	134.05	1640	144.20	2072
113.95	405	125.05	1371	135.10	3459	145.05	9672
115.05	2381	126.55	745	136.10	820	146.10	4067
115.95	1207	128.05	1307	137.05	1800	147.10	15301
117.05	3571	129.05	2744	137.85	253	148.05	4775

#87: BSA BKME 078

Full Spectrum # 87 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
149.10	5200	158.25	1445	172.05	978	186.15	679
149.95	369	159.05	3448	173.10	2181	187.10	1099
151.10	2342	160.05	4127	174.10	1484	188.25	312
152.00	104	160.30	1058	175.15	3229	189.05	720
153.10	1010	161.05	2728	176.25	966	190.10	211
154.00	255	162.20	431	177.05	1170	190.40	64
155.25	907	163.10	3436	178.00	325	191.10	1631
155.90	787	164.05	1414	179.10	1091	192.00	161
157.15	3210	166.20	566	183.10	668	193.05	357
157.70	456	169.10	704	183.45	262	193.45	897
158.00	817	171.15	2390	185.10	2140	194.25	382

#87: BSA BKME 078

Full Spectrum # 87 from F:\BSA_BKME.L

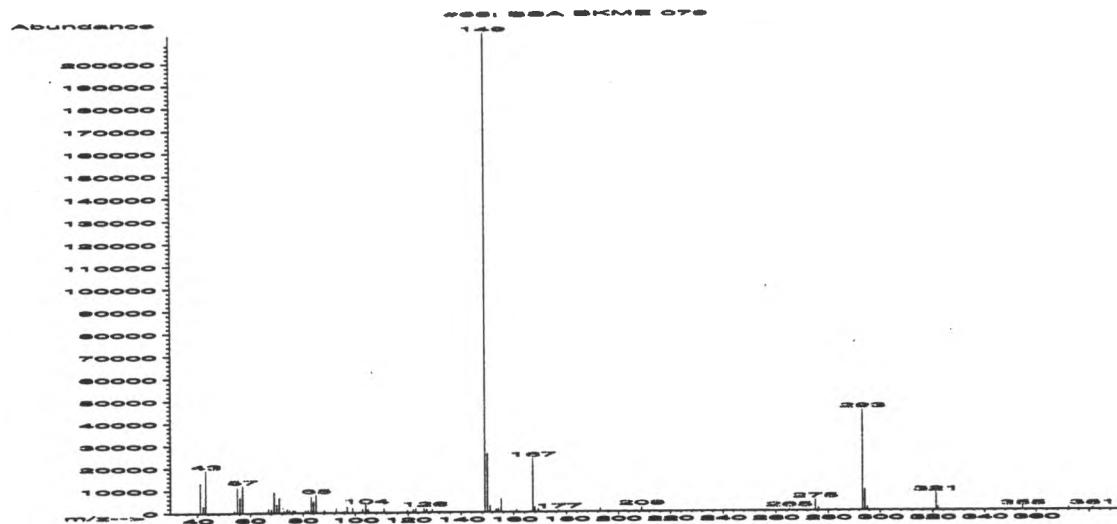
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
195.35	546	208.95	878	221.20	707	237.05	662
195.95	417	210.10	55	222.20	254	238.25	29
197.15	1455	211.10	1521	223.10	216	239.10	1031
197.75	333	212.10	468	224.95	1018	240.85	115
198.15	336	213.10	4989	226.40	334	241.25	741
199.10	3033	214.15	2408	227.25	1548	243.10	84
200.20	1453	215.00	2124	228.20	1363	246.25	265
201.15	1364	215.90	324	229.15	1471	246.95	265
204.25	497	218.25	1412	231.10	1162	250.15	251
205.15	1345	219.05	2646	233.10	921	252.20	605
207.10	4200	220.25	949	234.10	265	253.20	721

#87: BSA BKME 078

Full Spectrum # 87 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
254.05	420	269.45	892	296.70	252	355.15	619
255.15	7211	272.40	254	297.90	318	358.20	310
256.10	802	273.15	524	308.15	776	366.30	316
259.15	914	274.25	7664	309.80	377	367.25	5217
260.15	1185	275.10	1665	322.45	250	368.40	1390
261.25	5990	277.20	287	324.75	335	369.05	284
262.25	769	282.00	1097	328.55	305	369.95	315
265.00	1779	283.15	1488	340.30	591	382.40	16752
265.95	291	284.20	314	341.05	1082	383.35	3664
266.95	479	285.30	479	344.30	450	384.25	396
267.95	24	288.30	542	353.15	454		

BSA BKME 079



#88: BSA BKME 079

Full Spectrum # 88 from F:\BSA_BKME.L

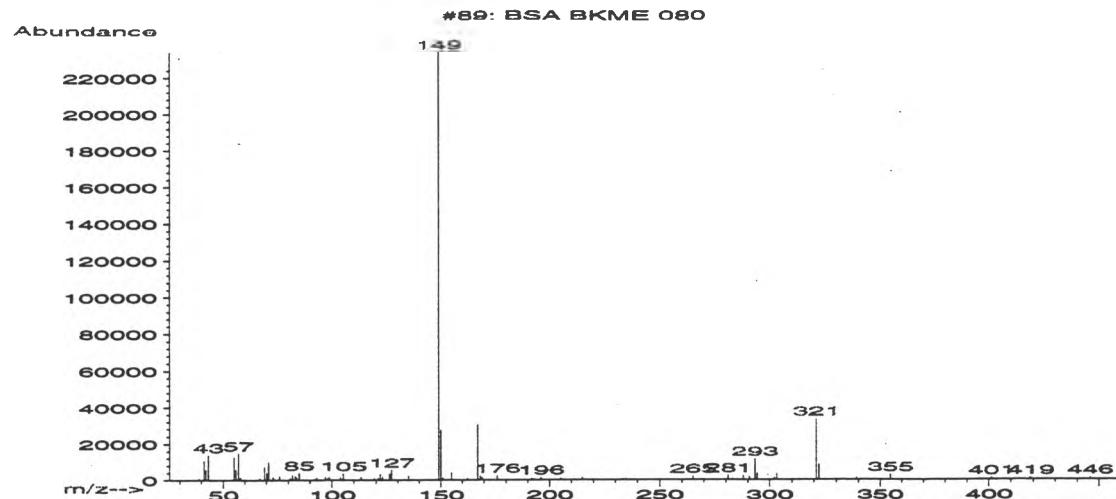
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
41.00	13304	70.05	3790	85.10	7913	122.05	1356
42.10	2964	71.05	6615	88.30	1043	123.00	1840
43.10	19040	72.95	915	92.80	1792	126.15	1931
44.10	193	73.95	1514	95.95	527	127.15	1319
53.95	1060	74.95	947	97.00	2523	129.25	1284
55.05	11166	76.15	1183	99.10	1984	149.00	212544
56.05	6662	77.05	902	102.90	1482	150.00	26032
57.05	12143	81.00	1067	104.10	3392	151.00	2758
67.05	1869	82.00	1073	104.90	1430	153.20	1344
68.15	1528	83.20	7062	111.00	1803	154.10	1319
69.05	9099	84.10	5012	119.75	1033	155.20	5813

#88: BSA BKME 079

Full Spectrum # 88 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
161.00	998	283.00	409				
167.10	23776	293.10	44776				
167.80	2091	294.20	9166				
169.10	1311	295.10	1407				
176.90	722	321.25	7615				
192.85	1416	322.05	1340				
207.05	192	354.80	1217				
208.95	2031	372.25	1033				
265.05	877	381.35	1195				
275.00	4791						
276.20	1303						

BSA BKME 080



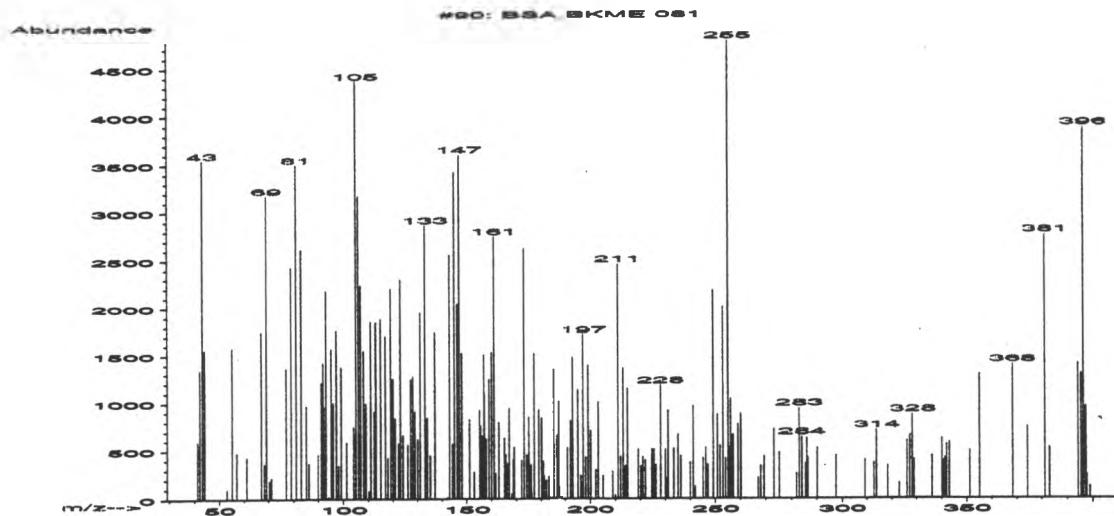
#89: BSA BKME 080
Full Spectrum # 89 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.90	1214	71.05	9999	98.90	1712	149.00	233984
41.10	10808	73.20	1912	103.90	1600	150.00	27512
42.00	5723	76.05	2182	105.10	3666	150.80	1125
43.10	13873	80.95	1147	113.25	1652	155.00	3899
55.05	12676	82.00	2889	119.15	1165	162.10	1030
55.95	5882	83.20	2114	121.05	1030	167.00	30408
57.05	14832	83.90	1528	121.95	3296	168.10	2224
57.95	1469	85.00	3984	122.95	1762	169.10	1336
67.05	1187	92.90	1482	126.15	3632	176.00	2449
69.15	7361	97.00	1878	127.05	5692	191.85	1023
70.15	3955	98.15	1106	134.95	2372	193.05	816

#89: BSA BKME 080
Full Spectrum # 89 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
196.15	1455	303.30	3601				
205.05	1126	321.15	33608				
215.00	1271	322.25	8625				
264.95	2141	339.10	1144				
281.00	2545	354.70	2931				
283.00	591	401.10	1073				
287.90	2237	418.80	1118				
290.70	1648	445.95	1217				
293.20	11697						
294.20	3541						
302.10	1140						

BSA BKME 081



#90: BSA BKME 081

Full Spectrum # 90 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
41.10	592	70.30	186	92.10	963	106.05	3170
42.05	1342	71.05	219	93.10	2182	107.05	2234
43.15	3543	77.10	1362	94.05	23	108.15	1545
44.05	1555	79.05	2428	95.10	1568	109.05	992
53.05	101	81.10	3496	95.90	999	110.20	81
55.05	1575	83.05	2615	97.15	1764	111.05	1856
57.05	472	85.10	969	98.10	343	112.40	908
61.05	426	86.10	361	99.10	1371	113.10	1848
67.00	1746	89.80	457	101.30	586	114.95	1880
68.15	362	91.10	1212	104.15	748	116.95	1698
69.10	3170	91.90	1418	105.10	4364	117.95	419

#90: BSA BKME 081

Full Spectrum # 90 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
119.10	2203	131.10	1951	148.10	1520	161.15	2744
120.10	1252	133.05	2862	151.10	824	161.75	258
121.00	837	134.05	840	153.10	274	163.05	795
122.25	575	135.10	442	155.15	924	165.30	630
123.05	2299	137.15	1744	155.70	756	165.80	457
124.10	661	142.20	15	156.50	652	166.30	361
125.95	560	143.05	2554	156.95	1504	167.20	942
127.20	1243	144.15	569	157.20	1102	168.15	51
128.10	1276	145.00	3414	157.90	619	168.80	405
129.00	908	146.10	2035	159.10	1243	169.15	532
130.15	615	147.05	3595	160.10	1529	172.10	395

#90: BSA BKME 081

Full Spectrum # 90 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
173.10	2621	183.20	232	198.15	428	214.00	338
174.10	453	185.10	1354	199.15	1391	214.90	1146
175.00	850	186.35	652	200.20	705	219.15	512
175.90	350	187.05	1011	202.10	294	220.20	334
176.25	74	188.15	114	203.15	1009	221.05	431
177.20	1517	190.95	526	205.10	236	222.00	395
179.10	927	192.05	815	209.00	282	224.60	512
180.15	840	193.00	1476	210.10	38	225.40	510
180.85	384	195.10	1135	211.10	2458	226.20	346
181.20	234	196.20	239	212.10	433	228.10	1180
182.15	191	197.15	1715	213.15	1361	230.10	506

#90: BSA BKME 081

Full Spectrum # 90 from F:\BSA_BKME.L

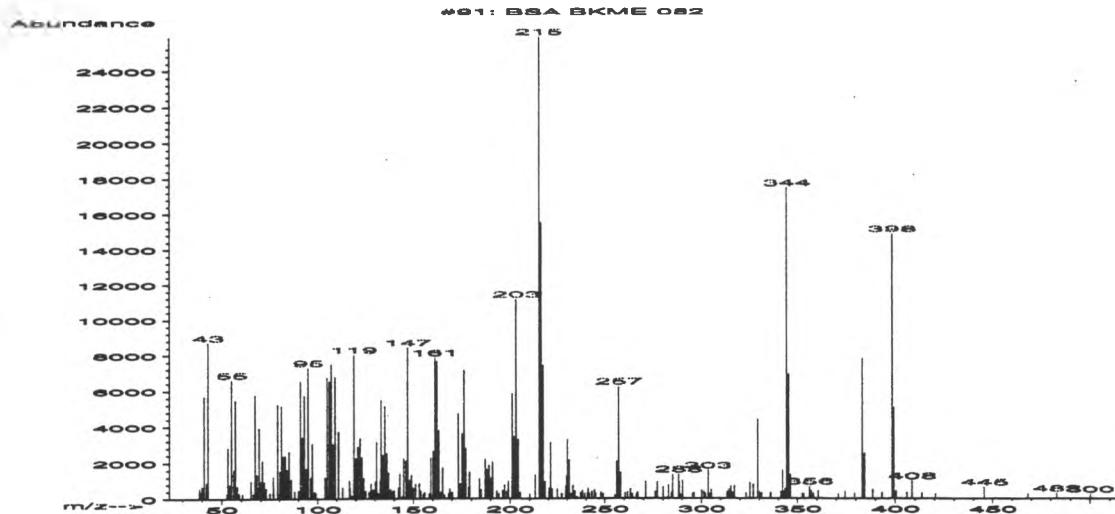
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
230.95	210	249.20	2181	267.00	214	290.10	523
231.15	918	250.95	873	268.05	339	297.40	443
233.40	516	252.05	550	269.25	436	309.15	399
235.05	665	253.20	2008	273.20	724	312.75	370
236.30	440	254.25	418	275.20	476	313.85	711
240.00	376	255.20	4783	282.00	260	318.35	339
241.20	966	255.95	531	283.05	943	322.95	162
241.95	124	256.25	1040	284.05	639	326.15	600
245.15	420	257.15	662	285.50	359	327.25	654
246.15	528	259.15	774	286.00	628	328.30	875
247.15	353	260.25	882	286.30	423	328.95	401

#90: BSA BKME 081

Full Spectrum # 90 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
336.20	439	383.05	528				
340.20	620	394.30	1409				
340.70	386	395.50	1304				
341.40	420	396.05	792				
342.00	562	396.40	3874				
343.20	584	397.25	959				
351.20	496	397.60	242				
355.00	1299	398.95	125				
368.20	1397						
374.25	747						
381.30	2759						

BSA BKME 082



#91: BSA BKME 082

Full Spectrum # 91 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.70	407	56.20	1596	70.15	962	82.10	2352
38.95	557	57.00	5466	71.05	2101	83.05	2372
39.20	368	58.05	691	72.05	951	84.10	1624
40.00	687	58.80	299	72.95	584	85.10	2635
41.10	5684	60.65	254	74.95	313	86.20	1091
42.15	880	64.95	967	76.85	1259	88.00	419
43.10	8706	66.15	277	77.10	601	90.10	446
52.75	271	67.10	5765	79.10	5226	91.10	6535
53.15	2820	68.00	1357	80.00	54	92.00	3400
54.00	800	68.25	625	80.20	1539	93.05	5730
55.05	6592	69.15	3905	81.10	5140	94.10	1672

#91: BSA BKME 082

Full Spectrum # 91 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.10	7275	111.10	3704	125.10	412	134.10	2429
96.40	1174	113.15	632	127.10	402	135.10	5149
97.15	3058	116.75	1037	128.00	852	136.15	2519
98.30	369	117.00	636	128.25	259	137.05	1449
99.05	337	117.95	161	129.00	507	138.20	518
104.05	1201	119.00	8005	129.85	338	139.35	440
105.05	6722	120.05	2270	130.10	967	139.75	295
106.15	6523	121.05	2893	131.00	3167	140.05	444
107.15	7477	122.10	3342	131.65	312	142.15	627
108.10	3049	123.10	2302	132.85	1025	142.95	1394
109.15	6770	124.15	1153	133.10	5510	144.15	133

#91: BSA BKME 082

Full Spectrum # 91 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
145.05	2253	155.90	351	168.80	556	179.05	1480
146.15	2116	158.10	295	169.20	338	184.10	1135
147.05	8437	159.05	2281	169.60	363	184.65	261
148.05	1048	160.15	2665	170.10	363	185.05	531
148.30	436	161.10	7855	173.15	4720	187.10	2216
149.05	1331	162.15	7647	173.95	559	188.10	1656
150.05	614	163.10	3768	174.15	859	189.15	1859
151.10	835	164.15	339	175.20	3607	189.85	306
153.20	867	165.15	1728	176.15	7153	190.15	1156
153.80	429	166.05	209	177.05	2794	191.00	2064
155.10	239	168.15	290	178.65	628	193.10	438

#91: BSA BKME 082

Full Spectrum # 91 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
194.10	268	213.05	1322	227.15	272	239.30	294
196.10	465	215.15	25864	229.20	720	240.85	367
197.20	774	216.15	15502	229.60	1249	241.15	586
198.25	405	217.10	7429	230.15	3278	241.85	301
199.10	972	218.15	963	231.20	2159	243.20	412
201.15	5840	220.25	587	232.20	277	244.45	487
202.10	3460	221.10	3127	233.15	749	245.05	293
203.20	11167	222.00	542	234.15	424	247.85	359
204.20	3281	224.60	544	235.30	111	248.35	280
205.15	340	225.10	33	237.10	354	248.95	280
210.20	257	226.70	269	238.20	454	255.15	192

#91: BSA BKME 082

Full Spectrum # 91 from F:\BSA_BKME.L

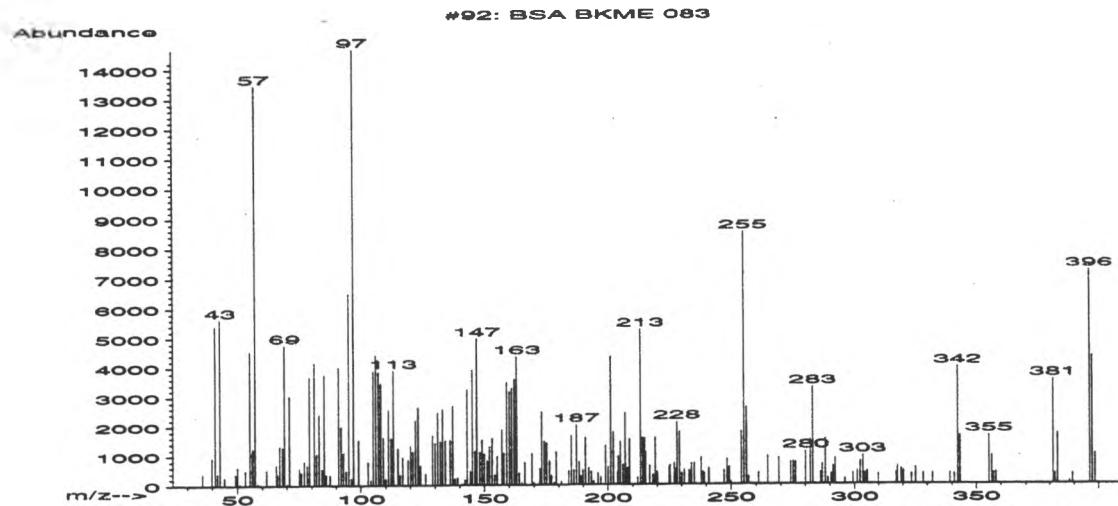
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
256.20	2079	276.20	408	295.40	272	316.15	349
257.20	6230	277.15	938	296.10	340	317.15	718
258.20	1442	280.10	654	300.15	499	323.15	319
260.45	321	282.10	47	301.30	393	325.15	887
261.85	366	283.05	764	302.10	298	326.95	792
263.25	571	284.40	328	303.40	1573	329.30	4412
264.35	264	285.20	1340	304.25	251	329.95	377
265.05	28	288.20	1350	304.95	507	330.25	251
266.25	253	288.50	926	313.35	404	331.05	319
267.00	373	289.20	239	314.35	535	335.80	319
271.15	954	290.35	1014	315.35	704	336.00	353

#91: BSA BKME 082

Full Spectrum # 91 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
341.30	396	358.20	275	400.50	429		
342.15	1589	360.60	428	405.90	342		
343.10	423	371.15	264	408.45	988		
343.50	557	374.45	419	413.40	335		
344.30	17448	379.35	297	420.20	269		
345.35	6915	383.35	7809	445.60	653		
346.30	1340	384.40	2531	468.10	264		
352.40	291	388.65	525	482.90	306		
353.10	253	393.35	339	500.05	252		
356.15	673	398.40	14855				
357.00	449	399.35	5055				

BSA BKME 083



#92: BSA BKME 083

Full Spectrum # 92 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	396	56.00	1133	71.05	3030	86.00	355
39.90	938	56.25	1234	75.05	566	87.50	333
41.15	5401	57.10	13441	75.85	440	91.05	3996
42.10	413	58.15	58	77.00	810	92.05	1987
43.15	5633	61.75	521	78.15	675	93.00	1094
44.90	259	65.65	688	79.10	3685	94.10	479
49.30	377	66.15	380	81.10	4156	95.10	6496
50.05	617	67.05	1320	81.95	1070	96.15	240
51.15	53	68.20	1279	83.10	2391	97.10	14657
53.15	504	69.05	4773	84.30	537	99.10	1525
55.10	4536	70.10	41	85.10	3743	102.95	785

#92: BSA BKME 083

Full Spectrum # 92 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
104.10	168	115.95	356	131.10	2458	143.05	3236
105.05	3863	117.00	952	132.00	36	144.35	466
106.10	4406	119.05	865	132.20	1460	145.10	3904
107.10	3844	120.05	1327	133.05	2563	146.10	1137
108.10	3447	121.05	1139	134.10	1509	147.00	4970
109.10	1601	122.10	2203	136.10	1521	147.90	28
110.05	219	123.10	2641	137.15	2698	148.15	1106
111.15	2542	124.00	653	138.05	213	149.10	1532
112.20	1586	126.15	382	139.15	248	150.00	1040
113.15	3899	129.00	1680	141.05	42	151.10	817
114.95	1236	130.05	1406	142.15	167	152.05	1296

#92: BSA BKME 083

Full Spectrum # 92 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
153.10	1579	164.10	393	177.05	315	191.00	1590
154.10	347	165.10	79	178.05	78	192.25	574
155.00	635	166.30	761	178.85	1114	193.25	435
155.20	965	169.15	1067	180.95	103	194.15	101
157.10	1876	170.05	73	184.05	476	195.95	385
158.00	1077	172.05	69	185.10	1663	197.10	257
159.10	3481	172.30	545	186.15	493	199.10	1318
160.15	3169	173.10	2475	187.10	2043	200.05	579
161.10	3293	174.15	1475	188.35	777	201.15	4342
162.10	3602	175.15	1411	189.10	295	202.20	1774
163.10	4358	176.30	803	189.95	495	203.10	9

#92: BSA BKME 083

Full Spectrum # 92 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
203.85	413	215.25	1112	230.10	379	248.45	852
204.15	959	217.05	630	231.10	495	249.05	142
205.10	1451	218.35	333	233.10	470	249.35	583
206.15	670	219.15	1597	234.00	707	249.95	69
207.10	2435	220.00	428	235.15	728	254.20	1791
208.00	575	224.80	593	236.10	25	255.20	8521
208.70	1539	225.30	657	238.00	916	256.25	2625
212.05	232	227.00	719	238.80	423	257.10	254
213.20	5259	227.30	523	239.20	379	261.05	398
214.10	1583	228.10	2125	241.05	551	264.75	948
214.90	1558	229.15	1786	247.20	471	269.20	897

#92: BSA BKME 083

Full Spectrum # 92 from F:\BSA_BKME.L

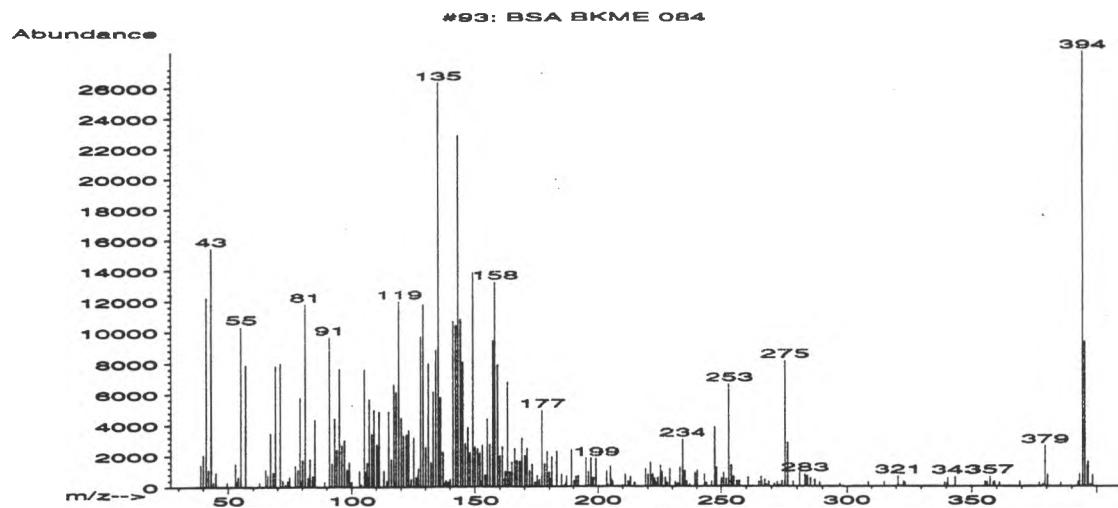
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
274.10	748	291.30	609	317.85	615	355.05	1663
275.15	777	292.10	880	319.35	531	356.30	962
276.05	757	296.05	190	320.25	464	357.00	372
280.15	1115	299.30	373	323.55	359	358.00	413
282.00	1517	301.00	467	325.25	572	381.40	3549
283.10	3311	302.20	782	328.45	363	382.25	354
286.20	414	303.35	971	332.15	374	383.20	1713
286.90	684	304.15	370	339.10	370	388.20	92
288.15	1550	305.05	449	341.00	356	389.45	356
289.25	214	309.85	338	342.35	3977	396.35	7226
290.50	354	317.25	400	343.35	1639	397.45	4335

#92: BSA BKME 083

Full Spectrum # 92 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
398.55		1022					

BSA BKME 084



#93: BSA BKME 084

Full Spectrum # 93 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.90	1433	55.05	10346	74.05	398	85.05	4381
40.00	2073	57.05	7888	74.75	679	89.00	328
41.10	12200	62.55	290	77.05	1366	91.00	9688
42.05	1089	65.10	1110	78.15	1103	92.05	1514
43.10	15462	65.95	761	79.10	5800	93.10	4447
44.00	295	67.05	3497	79.85	401	94.05	2404
45.10	928	68.15	935	80.10	1731	95.05	7646
49.55	286	69.05	7846	81.10	11812	96.10	2710
53.00	1491	71.05	8043	82.30	587	97.10	3016
53.35	328	72.05	417	83.05	1805	98.15	1119
53.95	637	73.05	188	84.10	702	99.10	1572

#93: BSA BKME 084

Full Spectrum # 93 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
100.00	304	113.10	1049	123.95	249	133.10	6172
103.05	1025	114.25	383	124.15	509	134.10	8855
103.90	178	115.05	4879	125.10	3199	135.15	26304
105.10	7596	116.05	1792	126.05	623	136.10	5788
105.90	991	117.10	6628	126.85	845	137.15	2251
106.15	1554	118.00	6154	127.15	1195	137.85	260
107.10	5678	119.05	11994	128.05	9722	138.20	395
108.15	3435	120.10	4457	129.05	11782	139.15	327
109.10	4978	121.05	3337	130.05	2556	139.95	481
110.15	2722	122.10	3387	131.10	8002	141.10	10698
111.15	4874	123.10	3682	132.15	1579	142.10	10430

#93: BSA BKME 084

Full Spectrum # 93 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
143.10	22856	153.05	2710	163.15	6778	174.15	284
144.10	10853	154.10	774	164.10	934	175.10	726
145.05	8080	155.05	4417	165.05	1598	176.05	432
146.05	2781	156.10	2737	166.10	2463	177.10	4940
147.05	3820	157.15	9458	167.05	1707	178.15	1470
148.05	2200	158.05	13257	168.05	1646	179.10	2287
149.10	13854	159.15	7900	169.05	3164	180.00	931
150.05	2580	160.05	2014	170.15	2027	180.55	513
151.05	2483	161.05	2586	171.15	2498	181.15	1920
152.00	2170	162.00	494	172.10	1030	183.05	2295
152.50	348	162.25	972	173.15	1425	184.15	45

#93: BSA BKME 084

Full Spectrum # 93 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
185.05	803	197.85	423	211.10	784	225.20	1343
186.00	133	198.10	584	212.20	328	225.90	951
186.65	273	199.20	1817	213.10	623	227.15	587
187.05	703	200.15	51	214.80	250	228.00	258
189.10	2383	203.55	991	219.15	1139	229.05	1138
190.25	374	204.10	149	220.15	786	231.15	306
191.10	667	205.10	1279	221.15	1558	232.05	202
192.05	720	205.35	479	222.10	791	233.05	1215
195.10	1871	206.05	310	222.95	531	234.25	3037
196.20	944	208.05	70	223.30	265	235.15	1015
197.20	1833	210.05	93	224.20	599	235.90	304

#93: BSA BKME 084

Full Spectrum # 93 from F:\BSA_BKME.L

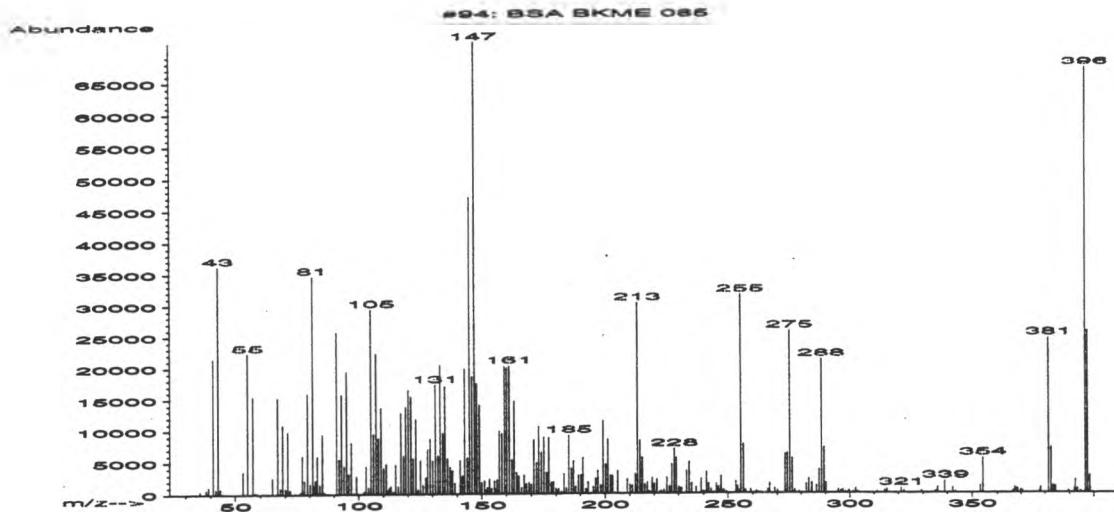
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
237.15	158	252.10	474	268.20	117	284.05	692
239.20	874	253.15	6634	269.00	322	285.30	538
240.20	1034	254.20	1352	271.05	186	287.05	436
242.25	40	255.15	639	272.20	295	289.00	264
243.20	776	256.35	366	273.10	132	297.05	170
243.95	257	257.25	375	274.10	362	308.65	264
246.05	314	260.75	598	275.25	8131	315.15	277
247.25	3862	265.10	317	276.30	2831	320.75	647
248.05	1219	265.95	637	278.40	312	323.05	305
250.15	546	266.25	337	281.05	1166	323.55	263
251.05	872	267.45	453	283.10	780	339.40	256

#93: BSA BKME 084

Full Spectrum # 93 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
340.35	239	376.95	255	397.45	139		
340.70	548	378.40	176	398.40	736		
343.50	614	379.30	2609				
354.95	49	380.35	743				
355.30	328	385.55	263				
356.10	293	392.45	299				
357.25	633	393.05	807				
358.50	264	394.40	28296				
359.10	314	395.35	9351				
361.00	258	396.30	1367				
369.25	306	396.55	1584				

BSA BKME 085



#94: BSA BKME 085

Full Spectrum # 94 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.70	494	57.05	15389	76.15	423	86.10	308
38.20	709	58.00	276	77.05	6028	91.00	25712
39.10	1149	65.00	2554	77.95	2177	92.05	5549
41.10	21448	67.05	15260	79.10	15939	93.05	15775
42.10	772	68.10	954	80.10	1608	94.05	4446
43.10	36208	69.05	10882	81.15	34632	95.05	19440
44.00	843	70.20	845	81.95	1466	96.05	3173
44.90	127	71.15	9797	82.20	2186	97.10	8152
53.10	3532	72.00	683	83.05	5946	98.10	217
55.05	22304	74.15	135	84.05	1476	99.15	2771
56.05	57	74.95	7	85.10	9424	99.85	164

#94: BSA BKME 085

Full Spectrum # 94 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
102.20	396	112.40	968	123.10	11814	134.10	9560
103.05	4380	113.05	1291	124.05	686	135.10	16968
104.10	1054	114.05	375	125.10	5304	136.10	5565
105.10	29368	115.00	4552	126.10	1496	137.15	4201
106.10	9441	116.00	1275	127.15	2583	138.10	3695
107.10	22288	117.05	12827	128.00	7003	139.10	1696
108.10	8781	118.10	6052	129.05	8690	141.15	5355
109.10	13654	119.05	13778	130.05	5269	142.10	2908
110.15	4114	120.05	16472	131.10	17336	143.10	19856
111.15	4733	121.10	15335	132.10	6070	144.10	5774
112.00	589	122.10	5557	133.10	20448	145.05	47048

#94: BSA BKME 085

Full Spectrum # 94 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
146.05	18584	155.50	739	166.05	1039	177.15	8869
147.10	71344	156.15	2301	167.15	2932	178.10	1789
148.05	17472	157.10	9906	168.10	1609	179.00	1856
149.10	14077	158.10	9508	169.10	1785	180.05	871
150.05	1787	159.15	20176	170.05	1539	180.35	395
151.15	2070	160.10	20008	171.10	8504	181.05	816
151.90	665	161.10	20296	172.10	4973	182.05	358
152.20	1061	162.15	5382	173.10	10600	183.10	3131
153.10	2346	163.15	14677	174.15	6499	184.10	976
154.10	891	164.15	3382	175.15	8935	185.10	9247
155.10	2046	165.05	2794	176.15	3370	186.10	3989

#94: BSA BKME 085

Full Spectrum # 94 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
187.10	5164	199.15	11548	213.15	30216	223.00	416
188.00	1144	200.15	4600	214.15	8348	224.05	586
189.15	2874	201.15	8546	215.15	5651	225.15	2507
190.15	2938	202.15	2842	216.15	1431	226.20	1128
191.05	5674	203.10	2779	217.25	1710	227.15	4696
192.15	826	204.05	117	217.80	358	228.20	7065
193.05	1810	205.20	3544	218.40	251	229.15	5624
195.20	1138	209.00	2267	219.15	2447	230.15	1029
196.05	2420	210.10	1398	220.15	1509	231.15	849
197.05	3609	211.00	1280	221.10	2225	233.20	3578
198.20	1315	212.25	3080	222.40	291	234.20	5002

#94: BSA BKME 085

Full Spectrum # 94 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
235.25	1618	246.55	420	258.10	33	275.25	25776
237.15	1030	247.20	2665	259.10	611	276.25	5486
239.15	2353	248.20	572	261.35	383	277.30	544
239.90	347	249.30	247	262.20	224	279.20	301
240.25	382	249.85	54	263.35	192	282.05	1506
241.15	3415	253.20	1925	266.15	687	283.15	2273
242.15	1566	253.95	1135	267.00	1557	284.30	1693
243.15	703	254.25	605	269.10	794	285.25	70
244.25	266	255.20	31512	270.15	438	286.20	1277
245.20	1505	256.20	7744	273.25	6170	287.25	3775
246.15	1016	257.05	522	274.20	6321	288.30	21216

#94: BSA BKME 085

Full Spectrum # 94 from F:\BSA_BKME.L

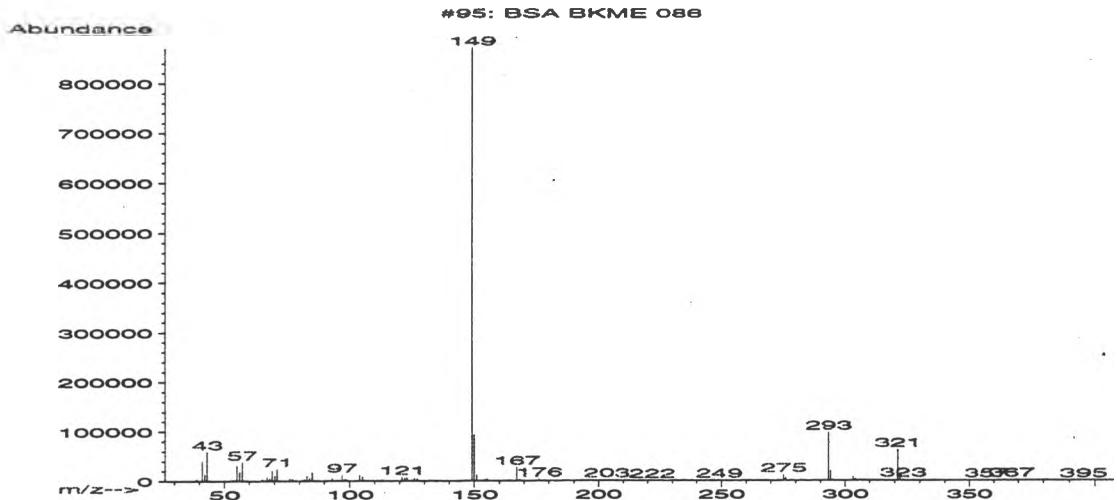
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
289.35	7226	301.30	307	335.15	360	368.00	717
290.25	1681	302.35	747	336.10	918	368.45	593
292.40	79	303.35	277	339.00	1882	369.85	437
294.90	320	309.00	66	340.95	113	370.45	348
295.35	653	311.05	251	342.15	857	377.55	328
296.30	479	311.35	255	343.30	253	378.05	843
297.20	557	314.25	474	353.20	1160	381.40	24520
298.20	251	315.25	654	354.25	5533	382.40	7127
299.20	304	321.05	782	366.40	385	383.30	1166
299.70	487	322.25	403	367.20	943	384.20	1016
300.30	72	329.35	341	367.45	454	389.45	415

#94: BSA BKME 085

Full Spectrum # 94 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
392.05	714						
392.45	2084						
393.30	700						
394.65	284						
396.40	67072						
397.40	25648						
398.30	2741						
398.55	741						

BSA BKME 086



#95: BSA BKME 086

Full Spectrum # 95 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.20	343	56.10	18184	72.05	2122	85.10	16432
39.00	4004	57.10	38544	73.95	831	86.10	860
41.10	40104	58.05	1418	75.05	576	87.20	341
42.15	12976	58.95	560	76.05	5301	90.00	375
43.10	59208	65.05	3488	77.10	4611	91.00	413
44.05	1459	66.15	718	78.15	325	91.95	293
50.00	1525	67.00	8225	79.05	979	93.05	5387
52.65	870	68.10	5175	81.15	2510	94.00	659
53.10	2211	69.10	20496	82.05	3943	95.05	1633
54.00	2526	70.10	10756	83.05	10286	95.70	519
55.05	30696	71.10	24160	84.10	5941	96.10	1928

#95: BSA BKME 086

Full Spectrum # 95 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
97.05	12331	113.00	2965	126.05	5944	150.95	11453
98.15	3251	114.75	906	127.10	4865	152.15	1456
99.05	3342	115.05	413	129.10	272	153.10	963
102.80	456	117.85	720	130.05	426	154.20	2847
103.95	11332	118.90	700	132.00	1949	155.15	4668
105.05	8274	121.00	8319	133.00	732	159.20	576
106.10	1297	122.05	6631	134.05	416	160.00	394
108.20	350	122.95	6916	145.95	1011	161.00	197
109.15	1180	124.10	866	147.00	2393	161.40	342
111.05	2330	125.10	1718	149.00	870272	162.90	519
112.30	334	125.35	906	150.00	93040	163.20	406

#95: BSA BKME 086

Full Spectrum # 95 from F:\BSA_BKME.L

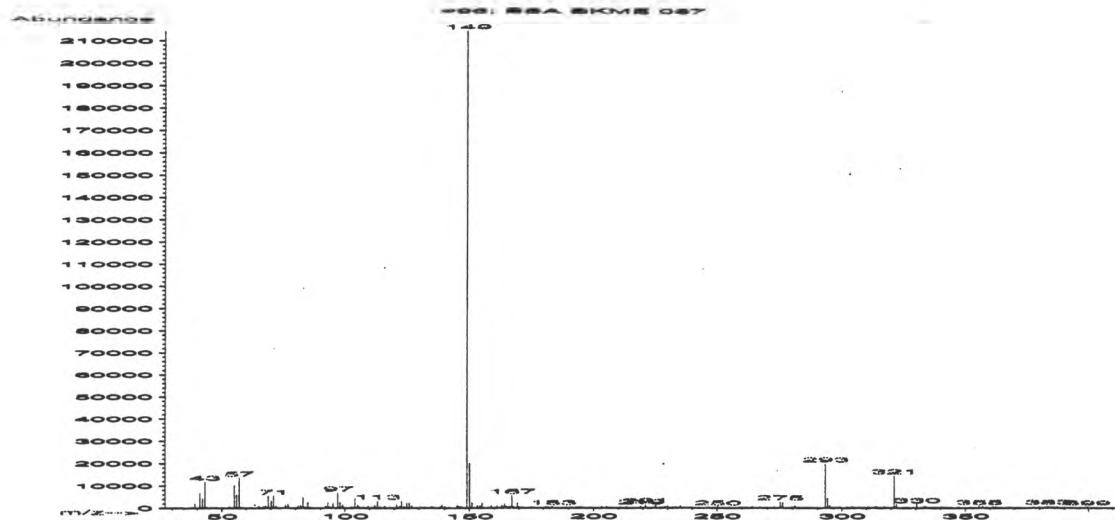
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
164.05	1433	195.05	301	230.20	379	273.00	463
165.00	800	197.05	238	231.10	337	273.70	349
167.00	27488	202.05	334	235.05	141	274.00	797
168.05	3354	202.85	323	246.25	569	275.15	11687
169.10	1578	203.15	1409	247.05	568	276.10	5824
176.00	3409	207.00	871	248.95	637	278.00	472
178.15	345	208.95	24	250.00	336	282.05	1085
190.95	117	211.00	301	260.00	1303	283.00	328
191.15	938	217.00	403	261.15	538	293.20	97568
192.05	585	220.80	276	264.95	489	294.15	19016
193.00	1008	221.70	461	269.05	548	295.15	1939

#95: BSA BKME 086

Full Spectrum # 95 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
303.20	8476	367.15	1212				
304.10	3593	380.85	372				
305.65	362	381.15	1034				
321.15	62368	382.95	366				
322.15	13452	395.45	380				
323.25	1830						
323.65	343						
329.65	354						
330.95	468						
357.00	581						
366.65	1200						

BSA BKME 087



#96: BSA BKME 087

Full Spectrum # 96 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1942	56.05	6055	77.05	1680	97.15	6800
41.05	6984	57.00	13566	81.10	936	98.00	2580
42.10	4347	58.05	518	82.10	1274	99.05	1243
43.05	11761	65.15	823	83.05	4754	102.60	340
44.05	194	67.10	805	83.90	554	102.95	127
45.80	341	68.00	1072	85.05	2702	104.00	4353
47.80	433	69.05	5428	86.00	381	105.10	1275
50.00	283	70.10	3338	92.10	967	105.90	427
53.05	917	71.10	5415	93.05	2515	107.40	457
54.05	165	72.10	998	93.90	340	109.30	828
55.05	10243	76.05	1262	95.10	1985	111.15	328

#96: BSA BKME 087

Full Spectrum # 96 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
112.05	1328	123.85	486	139.05	1466	153.10	1081
113.05	3187	124.20	425	140.25	741	154.20	1052
114.15	339	125.10	2329	142.15	397	155.15	2087
114.35	334	126.05	2456	144.95	676	158.80	995
115.85	377	127.15	920	145.30	1294	161.10	977
116.15	1020	130.85	466	146.10	655	163.10	1243
118.45	341	131.15	75	146.90	111	164.10	1795
121.05	1505	132.15	370	147.10	597	164.80	750
121.90	285	135.10	730	149.00	214400	165.30	459
122.15	684	135.95	452	150.00	20168	166.15	687
122.95	2947	138.45	659	151.05	2452	167.05	5751

#96: BSA BKME 087

Full Spectrum # 96 from F:\BSA_BKME.L

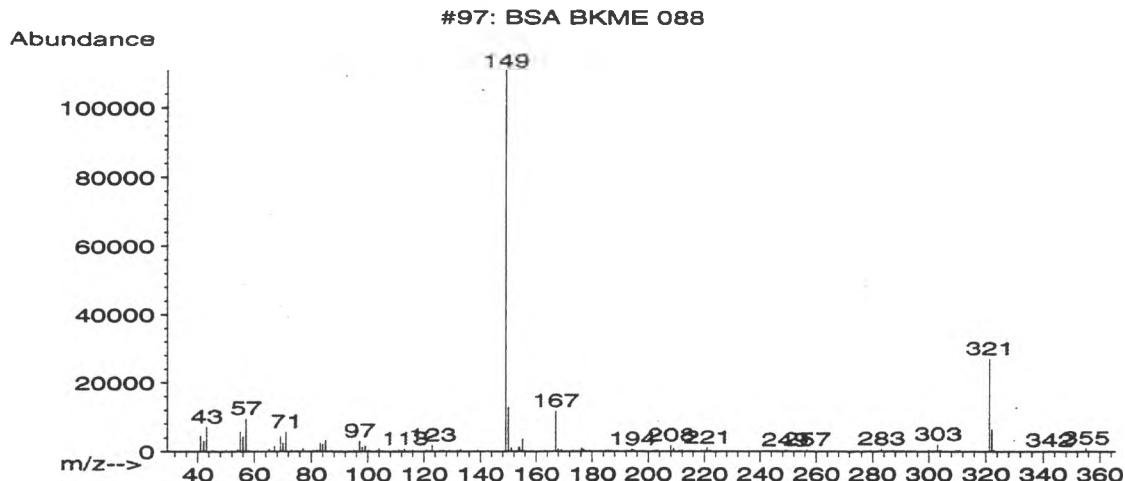
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
167.70	335	191.05	430	221.05	1429	246.20	259
169.25	2181	191.95	7	224.20	389	247.15	100
169.90	423	193.05	280	225.15	1098	249.15	453
171.20	309	194.10	57	227.00	431	250.15	482
175.05	494	195.05	549	228.90	697	255.15	449
176.25	154	199.00	249	229.95	984	259.20	59
181.05	479	203.05	591	232.15	326	260.05	334
182.05	533	205.25	578	233.05	364	261.35	340
183.20	299	210.50	403	234.05	226	263.95	595
183.55	621	213.10	849	235.15	963	267.05	383
188.95	331	219.10	865	240.25	315	272.90	390

#96: BSA BKME 087

Full Spectrum # 96 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
275.10	2754	299.20	500	330.30	1672	381.95	244
276.10	2360	302.20	427	333.25	429	383.45	743
279.90	386	303.25	314	333.75	647	383.95	414
281.05	1003	304.15	472	340.10	435	385.35	348
282.00	68	307.25	344	340.70	338	399.40	528
283.00	124	310.70	472	347.30	369		
285.20	154	313.05	302	355.40	793		
293.20	19832	313.95	621	357.00	761		
294.15	4379	317.25	484	361.20	336		
295.10	1102	321.25	14502	362.40	494		
297.05	142	322.20	1755	379.90	396		

BSA BKME 088



#97: BSA BKME 088
Full Spectrum # 97 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.90	216	57.95	353	82.00	488	100.30	469
41.05	4541	65.15	845	83.15	2475	103.05	152
42.10	3082	67.05	1612	84.05	2123	103.90	882
43.15	7173	69.10	4366	85.05	3202	105.05	205
45.10	345	70.05	2437	87.00	256	109.20	334
49.95	337	71.10	5691	93.05	285	110.10	277
52.05	335	73.00	391	95.10	451	111.10	745
54.05	657	74.95	240	96.00	359	112.10	323
55.05	5796	77.05	859	97.10	3057	113.10	768
56.05	4365	80.75	337	98.00	1369	116.05	454
57.05	9555	81.05	150	99.05	1745	120.95	505

#97: BSA BKME 088
Full Spectrum # 97 from F:\BSA_BKME.L

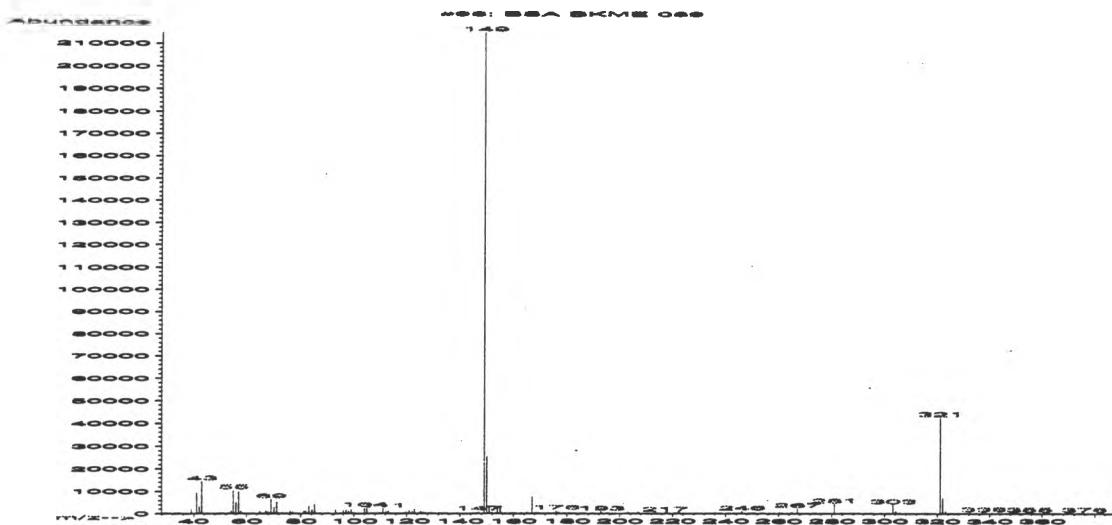
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
122.15	287	151.10	1067	179.15	340	212.10	452
123.00	1825	153.70	1267	184.75	368	219.05	397
125.05	50	154.00	1362	185.65	454	220.20	454
125.85	335	155.10	3689	192.00	341	221.00	1163
126.95	340	163.00	342	193.05	121	222.10	406
128.95	397	167.00	11698	194.25	621	245.95	376
131.95	377	167.90	768	194.85	455	248.95	415
132.95	522	169.20	502	203.25	373	249.70	324
138.95	422	173.10	407	208.00	1748	256.75	556
149.00	110752	176.20	999	208.95	854	268.05	77
149.95	12816	176.95	606	211.20	360	283.05	712

#97: BSA BKME 088

Full Spectrum # 97 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
283.95	133	342.10	404				
287.10	302	355.00	1016				
300.00	387						
303.15	2056						
304.05	408						
309.75	334						
310.85	380						
321.20	27088						
322.20	6477						
322.95	388						
340.95	36						

BSA BKME 089



#98: BSA BKME 089

Full Spectrum # 98 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1937	56.05	5070	73.00	303	87.00	154
40.00	32	57.05	9835	74.95	361	89.15	176
41.10	9451	57.90	1143	76.05	1052	90.40	228
42.05	3079	64.95	1098	77.10	693	91.00	10
43.05	14377	67.15	1149	79.05	224	93.05	1584
45.20	221	67.85	644	81.10	1358	94.80	201
50.80	117	68.10	820	81.85	1211	95.10	68
53.15	203	69.10	6478	82.15	168	96.00	1519
53.85	400	70.10	2831	83.05	3240	97.05	1617
54.20	1298	71.10	5278	84.15	1569	98.00	978
55.10	10454	72.05	227	85.05	4170	99.05	1854

#98: BSA BKME 089

Full Spectrum # 98 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
100.20	211	118.90	218	129.10	631	152.00	581
104.10	2506	119.65	579	131.05	73	154.05	2990
104.95	2459	120.05	275	132.10	448	155.10	3118
107.10	160	120.75	321	134.90	259	155.70	213
109.00	207	121.00	1374	135.15	226	159.40	203
109.50	251	122.05	957	145.00	317	160.00	207
110.25	208	123.05	2046	146.20	434	160.60	356
111.10	2150	125.15	947	146.90	811	162.85	533
112.15	692	126.00	607	149.00	214656	165.10	663
113.05	1183	127.05	433	150.00	25336	166.95	7462
114.95	117	128.25	350	150.95	3027	168.20	215

#98: BSA BKME 089

Full Spectrum # 98 from F:\BSA_BKME.L

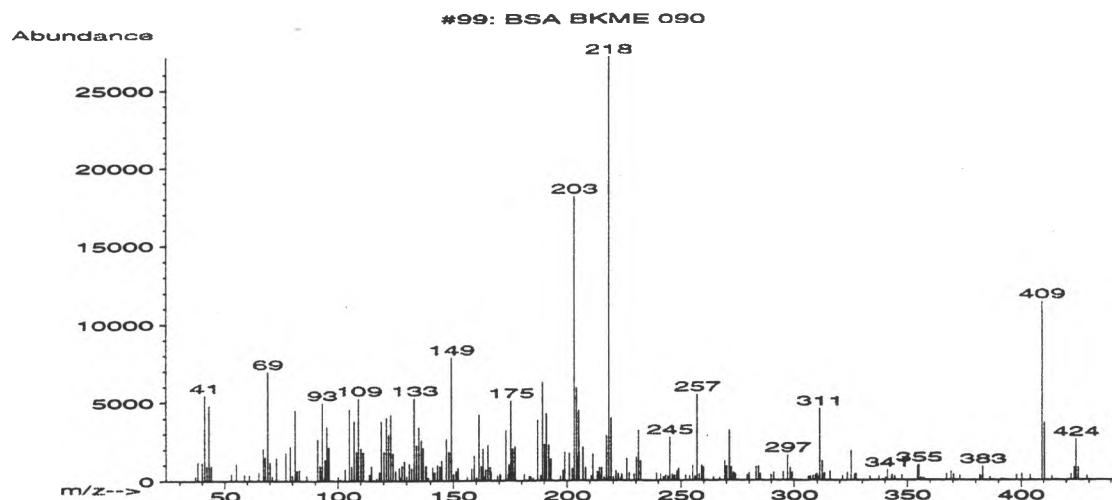
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
169.10	578	194.55	284	230.00	250	261.25	298
173.00	330	194.95	206	235.00	92	264.95	758
174.80	539	195.25	203	240.15	308	267.00	2226
176.05	1272	203.15	566	246.10	1001	267.55	257
176.90	732	205.05	370	248.90	108	267.90	6
180.85	276	207.05	819	249.80	155	268.15	216
182.80	207	211.10	21	250.90	310	269.05	121
186.80	202	217.20	444	251.15	141	270.35	289
188.95	32	218.00	240	253.20	367	273.10	358
192.00	38	221.00	336	254.25	264	274.00	256
192.95	836	221.95	115	260.20	659	281.00	4328

#98: BSA BKME 089

Full Spectrum # 98 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
283.90	35	337.70	394				
284.20	362	355.20	328				
293.25	155	365.10	203				
303.15	4013	373.95	253				
304.20	1046	375.95	278				
305.25	384						
315.35	232						
321.15	42568						
322.10	6957						
323.20	1004						
326.90	69						

BSA BKME 090



#99: BSA BKME 090
Full Spectrum # 99 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	274	60.95	350	81.15	4531	96.05	2133
38.10	1189	65.15	532	82.05	647	100.10	267
39.90	1160	67.10	2036	83.05	707	101.05	111
40.15	321	68.05	1532	86.20	321	103.10	736
41.10	5448	69.10	6981	91.00	2674	105.10	4578
42.10	939	70.10	1173	92.05	960	106.00	930
43.10	4796	71.05	270	92.25	797	107.10	3839
44.05	956	73.00	1466	93.00	4991	108.00	115
53.05	436	77.10	1816	94.05	253	108.15	1872
55.05	1083	79.05	2211	94.25	1349	109.10	5272
58.75	387	80.05	341	95.10	3458	110.20	2091

#99: BSA BKME 090
Full Spectrum # 99 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
111.10	1814	124.05	1748	135.10	3434	147.00	2670
113.85	407	125.10	625	136.15	2615	148.05	1846
114.65	921	126.85	821	137.10	2127	149.05	7898
115.90	72	127.20	258	138.15	958	150.05	439
117.00	158	128.05	965	139.05	196	151.15	619
118.05	585	129.05	1252	141.10	836	152.10	798
119.00	3802	130.05	282	142.05	538	156.05	236
120.10	1868	131.05	1096	143.10	980	158.05	755
121.10	4045	132.10	813	144.20	912	159.10	1605
122.00	2944	133.10	5304	144.65	544	160.15	216
123.10	4218	134.10	2284	145.05	1290	161.15	4218

#99: BSA BKME 090

Full Spectrum # 99 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
162.10	932	172.10	12	187.05	3919	202.35	789
163.00	2064	173.05	3215	188.25	348	203.15	18176
163.80	252	173.95	408	189.10	6307	204.15	5947
164.10	697	174.25	1028	190.15	2354	204.45	1469
165.10	2310	175.15	5133	191.05	4304	204.75	1482
166.05	859	176.05	2066	192.10	2303	205.10	4485
166.40	586	177.00	2209	193.00	1397	205.35	2544
168.05	55	181.10	411	197.10	281	207.05	2158
169.40	315	183.15	265	198.20	689	208.10	842
170.30	405	183.85	278	199.10	1850	210.50	306
170.60	375	185.05	158	201.05	1765	211.20	1717

#99: BSA BKME 090

Full Spectrum # 99 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
213.15	570	223.05	6	242.30	246	255.20	979
214.10	835	223.35	184	243.20	353	256.20	261
214.40	345	223.80	415	244.25	287	257.15	5516
215.05	829	225.95	1426	245.10	2788	258.10	440
216.20	208	227.15	513	246.15	418	259.20	965
217.20	2910	229.15	409	246.35	362	259.95	842
218.20	27136	230.15	1514	247.15	348	261.20	41
219.20	4040	231.15	3212	248.15	619	264.30	215
220.10	227	232.15	1251	249.00	794	267.05	183
221.30	610	239.20	478	251.95	323	269.20	1237
222.30	459	241.10	420	253.85	309	270.15	896

#99: BSA BKME 090

Full Spectrum # 99 from F:\BSA_BKME.L

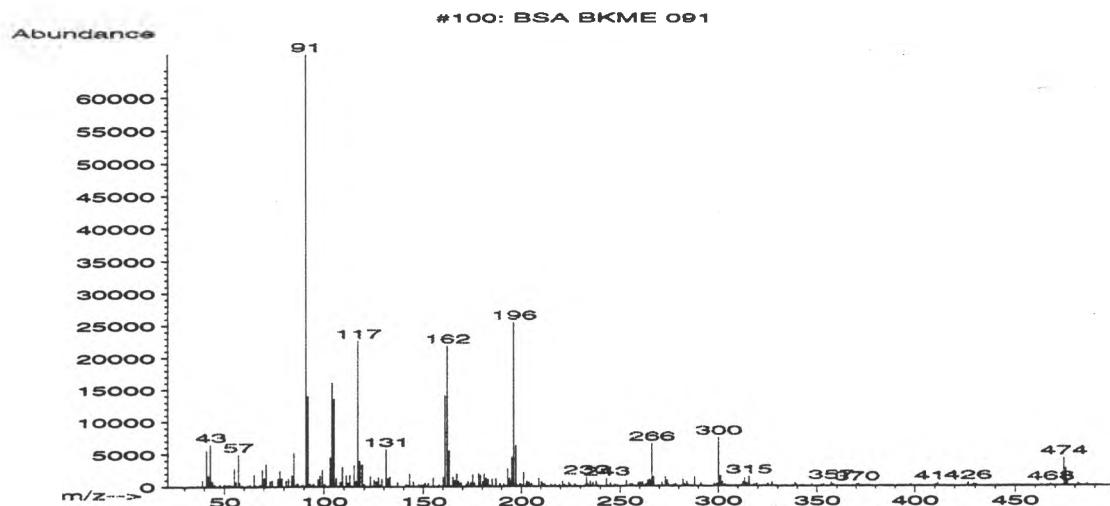
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
271.20	3216	285.15	436	308.25	312	325.10	1908
272.10	845	288.10	6	309.25	381	326.55	403
273.15	509	289.80	349	309.85	456	327.15	436
273.40	309	291.10	515	310.25	260	333.40	256
274.00	428	295.20	533	311.20	4609	337.40	279
275.15	45	297.20	1630	312.30	1255	339.25	79
279.20	349	298.30	803	313.05	419	340.25	194
280.00	485	299.10	487	313.35	468	341.15	652
283.10	895	300.35	66	315.75	579	343.00	282
284.20	906	306.15	277	321.25	286	343.30	345
284.90	254	307.00	260	323.35	489	344.40	258

#99: BSA BKME 090

Full Spectrum # 99 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
347.50	303	383.10	875	423.60	819		
354.45	905	386.20	193	424.40	2625		
355.10	986	391.25	83	425.45	801		
356.00	169	392.45	73	429.20	292		
357.20	141	397.95	338				
367.25	385	400.30	413				
369.25	549	404.00	323				
370.35	382	409.30	11446				
373.05	290	410.35	3695				
381.65	330	413.70	256				
382.05	293	422.20	385				

BSA BKME 091



#100: BSA BKME 091

Full Spectrum # 100 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.70	243	49.85	281	59.15	217	71.10	3494
39.00	912	50.15	300	60.05	58	73.05	818
40.05	58	51.05	208	62.05	229	74.20	879
41.10	5550	52.15	208	63.15	387	77.05	1181
42.10	1693	52.85	270	65.05	1886	78.00	2378
43.10	6483	53.15	238	65.95	211	79.10	1213
44.05	771	54.10	189	67.10	40	81.10	874
44.85	63	55.10	2755	67.85	294	82.20	1173
45.10	343	55.90	707	68.10	310	84.00	1734
46.10	25	57.10	4941	69.10	2623	85.05	5178
47.80	354	58.00	567	70.05	1348	86.10	336

#100: BSA BKME 091

Full Spectrum # 100 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
87.00	482	99.15	2592	113.10	1777	127.15	1366
88.95	201	100.15	379	115.05	3303	127.95	163
89.50	214	100.60	295	116.00	831	128.25	202
91.05	66576	103.05	4506	117.05	22640	129.00	1148
92.05	14043	104.05	16164	118.00	3924	131.05	5748
93.05	425	105.05	13622	119.05	3369	132.10	1220
94.00	81	106.15	1228	120.10	341	133.10	1456
94.30	223	108.20	694	123.10	1562	137.10	625
95.10	437	109.15	3000	124.10	79	141.15	354
97.10	1099	111.10	1730	125.10	983	142.15	209
98.05	1674	112.15	604	126.15	765	143.10	1942

#100: BSA BKME 091

Full Spectrum # 100 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
144.15	20	161.10	14075	172.75	783	183.95	201
145.05	725	162.15	21832	174.00	464	185.10	1085
147.90	386	163.15	5492	174.35	583	187.10	1169
149.05	272	164.15	144	175.15	1800	189.05	511
150.05	220	165.10	1445	176.00	491	189.25	321
150.70	438	166.05	928	178.05	2013	191.05	366
151.05	539	167.15	1997	179.05	1750	192.05	192
152.50	466	168.05	770	180.25	718	193.05	2786
155.10	1343	169.15	550	181.10	1960	194.05	1286
157.95	331	171.80	318	182.05	1260	194.25	800
160.10	1459	172.10	341	183.05	1015	195.15	4528

#100: BSA BKME 091

Full Spectrum # 100 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
196.10	25440	205.15	429	221.80	251	235.05	729
197.20	6239	209.00	1184	222.15	191	236.40	456
197.95	172	210.40	686	224.10	556	238.00	720
199.20	400	211.05	369	224.80	261	238.30	258
199.95	317	212.00	313	227.20	381	240.00	14
201.15	2114	215.10	309	228.20	54	243.10	1131
202.55	413	216.10	105	230.05	53	245.15	420
202.85	786	217.15	234	232.60	284	247.35	308
203.10	349	219.20	22	233.15	1389	248.55	96
203.65	511	219.70	216	233.70	321	253.20	760
204.10	645	221.15	736	234.05	134	254.95	270

#100: BSA BKME 091

Full Spectrum # 100 from F:\BSA_BKME.L

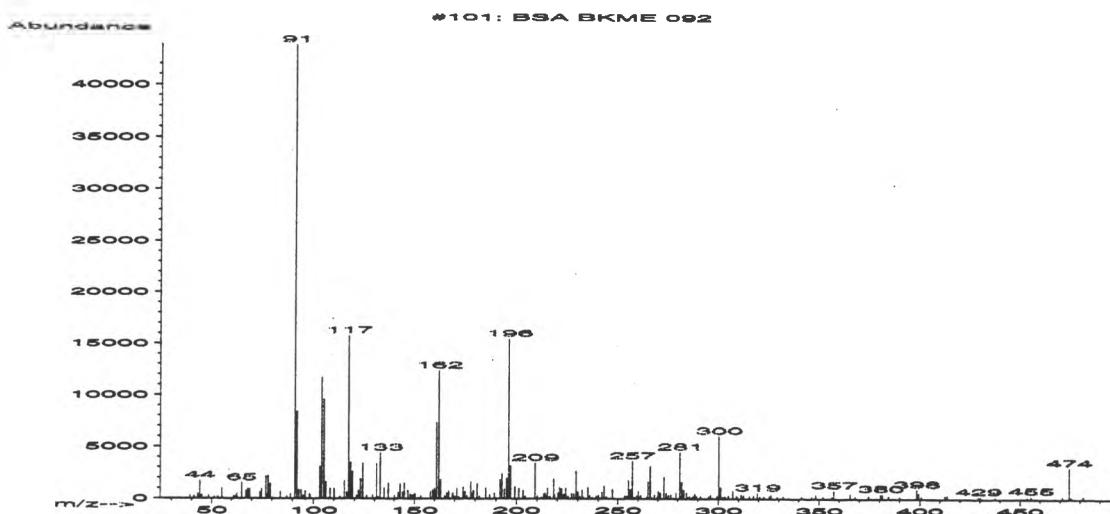
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
255.55	209	267.05	1451	284.95	158	312.45	565
256.25	294	269.20	87	288.25	1398	313.15	1163
259.25	518	271.30	552	291.30	409	314.20	412
260.15	594	273.20	1453	298.00	369	315.15	248
261.25	568	274.15	901	299.25	343	315.45	1422
262.20	68	274.80	234	300.25	7419	318.15	225
263.05	317	277.20	216	301.25	1533	319.35	353
264.10	862	278.30	354	302.00	562	323.20	48
265.10	1053	282.05	988	303.30	247	325.05	371
265.35	615	283.00	288	311.10	13	327.15	577
266.20	6527	284.10	630	312.05	226	337.90	8

#100: BSA BKME 091

Full Spectrum # 100 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
338.80	511	382.35	78	467.70	300		
339.40	218	383.20	36	474.40	4222		
342.20	59	385.30	56	475.35	2612		
347.40	257	398.05	218	476.25	641		
352.10	221	410.25	182	481.40	314		
353.20	282	411.30	429	482.10	215		
357.20	559	426.20	207	486.10	287		
358.10	212	426.45	526				
368.15	83	428.80	245				
370.25	302	429.50	209				
371.35	265	430.50	228				

BSA BKME 092



#101: BSA BKME 092

Full Spectrum # 101 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.20	319	61.85	294	79.05	1468	96.10	765
41.10	296	62.65	523	80.10	105	98.05	462
42.05	25	65.05	1530	83.05	15	98.40	318
43.05	501	67.10	796	84.05	674	103.00	3081
44.05	1740	68.05	983	87.20	256	104.05	11752
44.95	381	69.10	938	89.10	460	105.10	9588
48.30	300	74.00	661	91.05	43896	106.15	1616
51.15	206	75.05	944	92.05	8428	108.15	971
53.15	237	77.00	2199	93.05	884	110.10	983
55.05	1003	77.55	293	94.15	833	112.10	14
61.00	270	78.15	2216	95.15	323	113.05	228

#101: BSA BKME 092

Full Spectrum # 101 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
115.00	1711	130.05	118	144.25	629	160.00	1011
116.10	660	131.10	3386	145.05	1538	160.20	326
117.05	15782	131.95	207	147.05	818	161.10	7366
118.05	3487	133.00	4426	148.10	443	162.10	12372
119.00	2621	135.05	1051	149.00	334	163.10	1854
121.05	350	137.15	1494	150.00	494	164.15	34
122.05	785	140.15	316	150.40	448	165.10	320
123.10	1899	141.15	34	152.05	97	166.10	580
124.10	3392	141.95	613	153.30	289	167.15	757
126.15	314	142.25	199	158.05	739	168.90	422
129.10	386	143.05	1425	159.10	895	169.15	571

#101: BSA BKME 092

Full Spectrum # 101 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
170.00	265	181.05	1473	197.10	3185	214.80	245
170.35	53	182.10	215	199.10	1168	215.10	1043
171.10	996	185.10	1049	201.10	1012	216.05	166
172.00	200	187.05	364	203.10	813	216.40	214
174.15	1128	189.20	550	204.20	230	218.20	1903
175.15	733	190.10	66	209.00	3431	218.70	414
176.00	275	192.05	1839	210.20	293	220.30	597
178.00	1643	193.00	2450	212.05	151	221.05	1087
178.25	539	194.00	942	213.15	350	222.05	964
179.20	829	195.20	1969	213.40	508	223.00	347
180.15	6	196.10	15469	214.00	541	223.30	427

#101: BSA BKME 092

Full Spectrum # 101 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
224.15	1006	237.10	141	255.15	1797	266.15	3124
225.15	217	239.15	287	255.95	201	267.05	93
227.00	494	240.25	334	256.20	896	268.35	391
228.10	470	241.95	666	257.20	3627	269.20	25
229.20	2678	243.15	1217	258.10	166	269.95	223
230.20	682	244.25	205	259.20	269	270.20	751
231.15	193	246.90	49	259.45	283	271.15	602
232.25	848	247.15	924	260.10	735	273.15	2090
233.00	132	253.35	290	261.20	300	274.20	520
235.10	1091	254.10	183	264.25	205	275.40	333
235.90	294	254.45	239	265.10	1656	276.40	390

#101: BSA BKME 092

Full Spectrum # 101 from F:\BSA_BKME.L

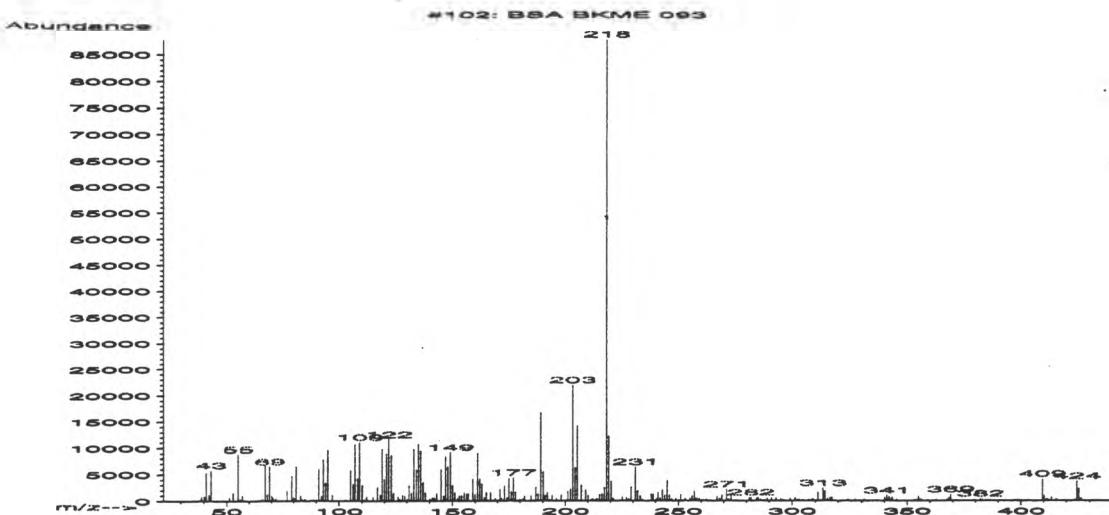
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
279.20	563	289.40	230	307.15	756	326.25	367
281.05	4473	291.25	270	308.85	226	326.95	17
282.00	1603	295.20	267	309.15	217	329.25	234
282.95	843	296.30	380	311.25	368	332.25	245
284.50	579	297.15	73	312.35	328	341.05	222
285.25	132	299.20	275	315.45	257	342.20	85
286.00	232	300.25	6057	317.45	277	346.30	216
287.25	199	301.20	1098	319.40	582	348.30	389
287.80	259	302.20	204	320.65	237	351.40	26
288.35	477	303.30	237	322.55	234	352.00	261
289.20	183	305.05	311	325.25	241	355.10	70

#101: BSA BKME 092

Full Spectrum # 101 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
356.40	214	399.40	542	475.30	200		
357.30	825	400.60	224	481.60	278		
365.40	460	412.50	331				
367.85	229	413.60	350				
374.55	292	429.20	243				
380.45	482	430.10	210				
381.45	427	437.55	216				
384.55	264	453.55	200				
389.95	221	455.35	287				
390.45	77	471.00	271				
398.40	936	474.35	3019				

BSA BKME 093



#102: BSA BKME 093
Full Spectrum # 102 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.50	177	50.85	29	68.10	1269	81.10	6462
37.40	66	51.10	706	69.10	6506	83.05	994
37.90	233	53.00	1563	70.05	929	83.80	352
38.80	363	54.10	46	70.45	653	84.05	182
39.05	814	55.10	8825	71.05	122	85.10	408
40.10	860	56.05	385	71.95	462	87.70	182
41.05	5350	57.05	1011	75.00	79	88.95	310
42.25	1161	64.90	176	77.05	1966	90.10	193
43.05	5810	65.70	141	79.05	4754	91.10	5972
44.90	59	65.95	450	80.00	715	92.10	222
50.00	105	67.10	6717	80.25	513	92.25	931

#102: BSA BKME 093
Full Spectrum # 102 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
93.10	7861	111.10	275	125.10	40	134.10	5917
94.10	3451	112.15	773	126.10	854	135.10	10777
95.05	9589	114.95	742	126.75	317	136.15	9453
97.10	1147	117.00	2598	127.10	266	137.10	3537
103.00	177	118.15	1167	128.10	1046	138.15	1572
105.05	5772	119.10	9828	129.05	936	140.05	473
106.15	3154	120.10	4138	129.95	29	141.10	544
107.10	10751	121.10	8940	130.20	365	141.55	640
108.15	4273	122.05	11672	131.05	2904	142.00	582
109.10	11101	123.10	8663	132.05	1521	142.25	201
110.10	2930	124.10	1505	133.05	9810	143.10	1398

#102: BSA BKME 093

Full Spectrum # 102 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
145.05	6066	156.30	1307	169.20	501	179.10	59
146.15	1016	157.10	1363	170.20	76	180.05	335
147.05	8411	159.05	4179	171.10	2241	181.15	444
148.05	6474	160.05	1269	171.90	527	181.95	860
149.10	9216	161.15	9092	172.20	116	185.05	1009
150.05	2911	162.05	4204	173.15	2851	185.95	139
151.05	1560	163.05	3186	174.20	690	187.10	2694
152.25	518	164.25	646	175.15	4313	188.15	1325
153.15	983	165.05	1555	176.15	1812	189.20	16792
154.05	1030	167.05	1533	177.05	4400	190.15	5509
155.15	1500	168.50	258	178.10	1713	191.10	1065

#102: BSA BKME 093

Full Spectrum # 102 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
192.05	1530	204.20	6278	216.15	1321	229.15	2687
193.05	239	205.20	14291	217.15	2591	231.15	6443
194.10	1000	207.05	2972	218.20	87760	232.15	1919
196.05	429	209.00	2061	219.15	12332	233.20	930
198.15	1131	210.15	993	220.25	3768	234.20	242
199.10	76	211.40	269	221.10	534	238.20	1313
200.20	201	212.05	483	224.35	166	239.05	1258
201.10	1891	213.15	184	225.30	744	240.45	474
202.00	466	213.70	314	226.10	175	241.15	1593
202.25	2333	214.10	468	227.15	651	242.10	564
203.15	22016	215.15	1244	228.20	382	243.15	2080

#102: BSA BKME 093

Full Spectrum # 102 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
244.10	1091	253.15	516	268.15	497	288.10	171
245.15	3912	255.20	563	269.10	1091	289.30	590
246.10	1075	256.20	957	271.25	2195	291.20	589
246.95	189	257.10	1884	272.20	413	293.15	570
247.20	396	257.35	554	273.25	829	295.20	455
248.90	478	258.20	510	275.35	160	296.30	279
250.05	142	259.20	434	281.05	660	299.25	584
250.35	225	260.20	186	282.00	672	301.25	654
250.75	42	261.05	196	284.45	606	301.50	340
251.05	1246	262.35	310	285.15	638	302.20	224
251.95	128	267.05	855	286.40	258	303.20	240

#102: BSA BKME 093

Full Spectrum # 102 from F:\BSA_BKME.L

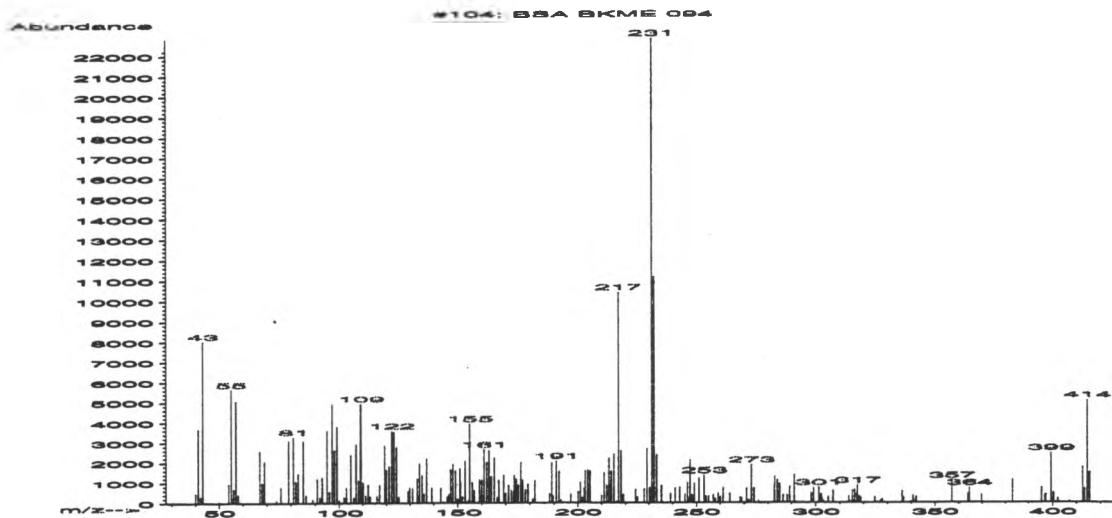
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
304.85	255	315.30	455	341.10	1071	357.30	4
307.05	175	316.45	624	342.10	836	359.20	229
307.35	234	317.05	21	342.50	169	367.30	280
308.35	229	317.30	694	342.75	344	367.85	206
308.80	369	324.15	391	343.35	690	368.40	670
309.15	374	327.25	328	345.30	242	369.20	1198
310.25	194	329.45	173	353.15	56	370.30	23
311.15	1625	331.15	348	353.40	212	371.25	172
312.05	234	335.40	41	354.45	180	379.35	216
313.25	2444	336.20	182	355.15	810	382.10	404
314.15	1865	340.10	721	356.10	349	382.95	246

#102: BSA BKME 093

Full Spectrum # 102 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
384.75	206	413.40	697				
386.15	199	415.50	373				
393.20	97	419.30	216				
397.25	176	423.60	258				
398.55	232	424.50	3740				
399.30	87	425.45	2307				
402.90	226	426.35	505				
409.40	4161						
410.30	930						
411.25	421						
412.00	300						

BSA BKME 094



#104: BSA BKME 094

Full Spectrum # 104 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
40.05	482	67.10	2600	86.20	395	100.05	151
41.10	3685	68.10	999	89.15	188	102.10	298
42.15	312	69.10	2058	91.05	1203	103.00	749
43.10	8036	74.10	133	92.10	297	105.00	2391
44.05	34	76.00	779	93.00	1272	106.15	291
49.95	64	79.10	3118	93.20	958	107.10	2936
54.00	956	80.15	36	95.05	3605	108.15	1123
55.05	5654	81.15	3296	96.05	578	109.15	4935
56.05	680	82.00	1074	97.10	4927	110.05	1021
57.05	5060	83.05	1481	98.05	2628	111.15	387
57.95	417	85.15	3097	99.15	3802	112.20	912

#104: BSA BKME 094

Full Spectrum # 104 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
113.05	314	129.65	402	145.50	311	154.55	119
115.95	352	129.90	751	146.30	417	155.10	3952
117.00	907	131.05	709	147.00	1658	156.10	1012
119.10	2859	133.05	1204	148.00	1923	157.00	619
120.00	1647	134.00	1940	149.10	1603	159.10	1158
121.05	1820	135.15	1375	150.10	198	160.00	1134
122.10	3594	136.00	441	150.95	1697	161.05	2669
123.05	3554	137.10	2203	151.20	1042	162.15	2005
124.10	2791	139.15	753	152.00	285	163.05	2609
125.05	313	143.05	734	153.10	2054	164.00	1324
129.05	585	144.20	54	154.05	46	165.15	2231

#104: BSA BKME 094

Full Spectrum # 104 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
166.40	267	177.05	1126	197.15	425	213.10	2216
167.15	1122	178.05	644	200.15	561	214.05	1586
169.10	1398	179.10	916	201.15	1025	215.15	2420
170.00	485	181.00	196	201.95	263	216.20	61
171.10	872	182.05	1115	202.75	722	217.10	10404
172.20	619	188.15	468	203.10	1604	218.15	2588
173.15	579	189.10	2012	204.20	1638	219.10	414
173.40	1386	189.55	349	205.10	1579	224.30	652
174.30	1176	191.00	2079	210.00	367	225.00	297
175.10	886	192.20	1562	211.10	1508	227.95	679
176.15	2014	192.95	130	212.20	860	229.15	2684

#104: BSA BKME 094

Full Spectrum # 104 from F:\BSA_BKME.L

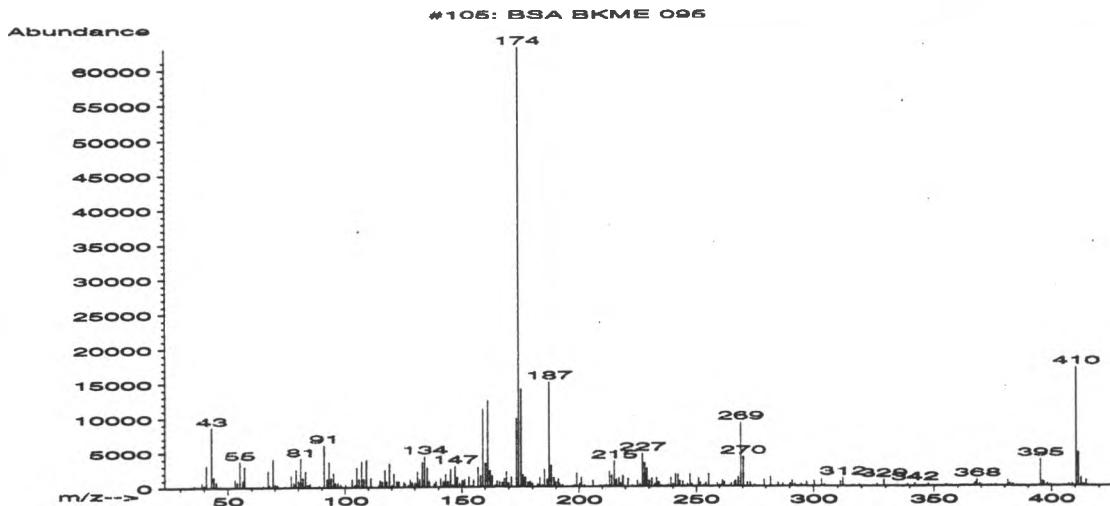
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
230.25	743	247.25	2114	261.20	734	284.05	1120
231.15	22840	248.15	394	264.05	468	285.10	944
232.15	11169	249.00	973	268.35	277	286.50	376
233.15	2380	251.10	1217	269.10	242	288.20	389
235.25	849	253.20	1375	271.15	718	289.25	801
239.20	468	254.05	315	272.10	155	291.10	1399
241.10	726	255.20	314	273.15	1884	298.20	501
242.90	761	257.15	405	274.20	732	299.15	727
245.05	437	258.00	204	276.15	78	301.30	762
246.15	995	259.15	477	282.80	877	302.20	409
247.05	228	259.95	294	283.05	1316	302.50	253

#104: BSA BKME 094

Full Spectrum # 104 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
303.25	105	324.75	288	364.60	732	412.45	1770
305.15	292	327.15	109	369.65	378	413.30	682
307.15	607	327.90	175	383.10	1120	414.40	5099
313.75	334	336.10	577	395.45	755	415.35	1509
314.30	79	336.70	271	396.75	369		
315.20	610	339.95	59	397.25	422		
316.25	659	340.70	357	399.35	2476		
317.20	445	340.95	160	400.30	268		
317.40	873	342.05	289	400.50	479		
318.15	315	357.15	1109	402.25	215		
318.85	254	363.90	428	407.10	89		

BSA BKME 095



#105: BSA BKME 095

Full Spectrum # 105 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	263	57.05	2965	80.15	969	95.05	2068
39.05	696	65.00	250	81.10	4163	96.00	637
40.00	296	67.05	2407	82.00	1358	97.05	609
41.05	3143	67.75	293	83.10	2342	98.30	405
43.10	8682	69.15	4048	84.10	399	100.30	376
44.05	1504	70.15	485	85.00	524	103.05	1131
45.05	785	71.10	339	88.95	265	104.25	395
53.00	1125	74.40	184	91.05	6070	105.10	2829
53.95	743	77.00	1722	92.20	1191	106.05	1168
55.05	3692	78.10	645	93.05	3617	107.10	3697
56.30	990	79.05	2541	94.05	1352	108.05	1191

#105: BSA BKME 095

Full Spectrum # 105 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
109.15	3884	123.05	785	133.10	3502	145.05	2623
111.05	1321	124.15	18	134.10	4409	146.05	326
114.45	355	125.15	709	135.10	2764	147.00	2975
115.05	1000	125.65	507	136.10	782	148.05	1398
116.00	818	127.15	315	138.10	458	149.05	505
117.05	2512	127.90	1067	138.35	385	150.15	925
117.75	852	128.20	738	139.00	786	150.60	303
119.05	3361	129.00	620	141.05	1226	151.10	1074
120.05	321	130.15	639	142.05	787	153.10	1459
121.00	1952	131.05	2222	143.10	1827	154.00	159
122.10	838	132.00	1111	144.05	776	154.85	156

#105: BSA BKME 095

Full Spectrum # 105 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
155.15	1004	165.10	825	175.10	14149	187.05	15133
155.95	28	166.10	723	176.00	1673	188.05	3071
157.00	2848	167.05	15	177.00	1369	189.10	1296
158.05	1620	167.25	656	178.00	660	189.95	641
159.05	11161	168.05	1229	179.00	747	191.00	1095
160.10	3366	169.00	2189	179.95	495	191.75	417
161.05	12532	170.00	544	182.15	405	192.95	280
162.05	2357	171.10	1427	183.10	1345	195.10	77
163.05	1620	172.10	8	184.15	308	197.10	155
164.10	240	173.10	9893	185.10	2496	198.10	278
164.60	287	174.10	63040	186.20	1062	199.05	1947

#105: BSA BKME 095

Full Spectrum # 105 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
200.25	425	215.15	3662	228.20	3318	240.15	369
201.10	1291	215.70	789	229.15	2596	241.10	1781
202.05	15	216.15	1028	230.15	865	242.20	1662
202.55	263	217.20	1198	231.15	1189	243.10	809
206.05	885	218.05	459	232.40	321	244.25	724
209.00	235	219.05	1573	233.20	1202	245.05	100
209.95	128	221.10	1145	234.20	635	246.25	369
211.10	231	222.80	271	235.05	132	247.25	1750
212.10	224	225.05	853	237.10	185	248.10	406
213.10	2204	226.10	345	238.20	279	249.85	18
214.10	1622	227.15	4727	239.25	1280	250.10	159

#105: BSA BKME 095

Full Spectrum # 105 from F:\BSA_BKME.L

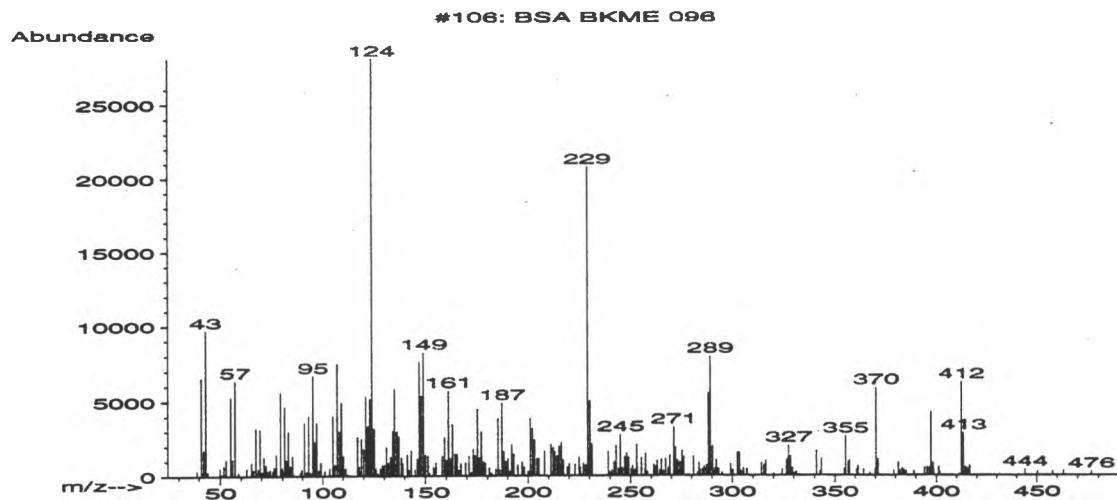
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
251.05	1188	266.45	681	285.10	507	303.30	998
251.65	577	267.00	862	287.15	360	304.55	260
252.05	20	268.10	1363	290.15	348	311.05	641
253.10	257	269.20	9232	290.40	317	312.20	1192
254.05	502	270.20	4219	291.10	850	316.35	54
255.20	1773	272.00	544	292.25	332	319.15	255
259.05	458	273.20	582	294.80	351	325.05	44
260.15	204	274.20	63	296.35	134	326.35	310
261.20	873	275.20	252	297.20	636	329.30	927
262.10	635	279.20	986	299.00	18	339.10	295
265.00	437	281.95	1331	300.25	755	342.10	431

#105: BSA BKME 095

Full Spectrum # 105 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
347.60	359	383.35	285	413.35	248		
355.05	189	395.40	3824	414.30	35		
356.40	82	396.35	695	414.50	849		
357.25	119	396.95	574				
367.25	441	398.25	359				
367.95	658	399.60	264				
368.25	926	407.40	283				
369.40	341	408.80	353				
376.15	271	410.35	17096				
381.25	811	411.40	4746				
382.25	446	412.45	1157				

BSA BKME 096



#106: BSA BKME 096

Full Spectrum # 106 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	349	57.10	6349	71.90	685	83.05	2958
41.10	6554	58.95	216	72.15	731	84.00	671
42.15	1738	62.75	503	73.00	325	85.10	1345
43.05	9687	65.00	884	74.05	408	86.05	39
44.05	262	66.05	419	75.45	338	89.00	243
49.95	484	67.05	3203	76.05	577	89.70	429
50.80	97	67.90	202	77.05	1448	91.05	3571
51.85	677	68.15	443	79.10	5604	92.05	276
52.90	1100	69.10	3108	80.05	516	93.00	4029
55.10	5274	70.10	251	81.10	4628	94.05	219
55.95	1102	71.10	1262	82.05	1089	95.10	6668

#106: BSA BKME 096

Full Spectrum # 106 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.95	2299	109.10	4912	122.05	3324	133.10	1271
96.20	1116	110.05	1341	123.10	5137	134.10	3015
97.05	3561	111.15	481	124.05	28048	135.10	5806
98.05	372	112.20	91	125.10	3151	136.10	2977
99.10	890	113.10	23	126.05	479	137.05	2662
101.15	303	117.00	2621	127.00	154	138.05	37
103.40	501	117.90	599	128.05	501	138.35	1232
105.10	4043	118.20	277	129.10	718	139.05	833
106.05	762	119.00	2480	130.05	724	141.20	1418
107.15	7467	120.10	1816	131.05	1932	142.05	405
108.15	2979	121.10	5321	132.10	879	143.10	1725

#106: BSA BKME 096

Full Spectrum # 106 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
144.15	23	154.50	358	166.10	367	177.05	2959
145.05	422	155.10	878	166.90	54	178.05	918
146.10	1158	158.05	1327	167.15	813	179.00	865
147.05	7604	159.15	2592	169.30	880	180.95	524
147.80	1680	160.10	1027	171.10	1325	181.25	192
148.05	5360	161.15	5684	172.10	237	182.05	155
149.10	8214	162.05	1175	173.10	1791	184.15	464
150.05	1413	163.05	3444	174.10	1348	185.20	3860
151.25	1324	164.25	1458	174.30	780	186.05	379
152.05	178	164.90	1064	175.15	4495	187.10	4862
154.00	558	165.20	1438	176.10	1211	188.10	1631

#106: BSA BKME 096

Full Spectrum # 106 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
189.10	969	203.15	2402	217.20	1028	230.20	5018
190.10	1155	204.40	1137	219.10	12	231.15	2116
191.05	294	204.65	711	219.30	571	237.10	38
192.10	2084	205.10	1143	220.10	792	239.20	1612
193.05	1451	208.05	1654	223.05	763	239.90	310
195.00	712	211.10	2084	225.10	1243	241.05	395
197.15	900	212.25	1880	225.75	537	242.20	928
198.05	585	213.05	1630	226.15	65	243.15	2023
200.00	296	214.10	1330	227.10	841	244.10	478
201.10	3862	215.15	1995	228.25	718	245.20	2746
202.20	3173	216.20	2230	229.15	20736	246.00	513

#106: BSA BKME 096

Full Spectrum # 106 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
247.20	1265	257.25	1480	269.15	1370	285.20	441
247.45	405	258.15	264	271.20	3248	286.20	625
248.05	1522	261.20	719	272.15	1909	287.25	716
249.15	1237	261.95	603	273.15	1036	288.30	5542
250.35	437	262.95	988	274.25	896	289.25	7935
251.00	637	264.25	345	275.25	1671	290.25	1973
252.15	399	265.05	1093	276.15	1256	291.20	279
253.00	2065	265.75	306	281.00	1282	291.50	474
253.25	617	266.05	295	283.05	222	292.20	1028
255.20	1196	267.05	1143	283.70	857	292.80	438
257.00	430	268.35	498	284.20	402	293.30	437

#106: BSA BKME 096

Full Spectrum # 106 from F:\BSA_BKME.L

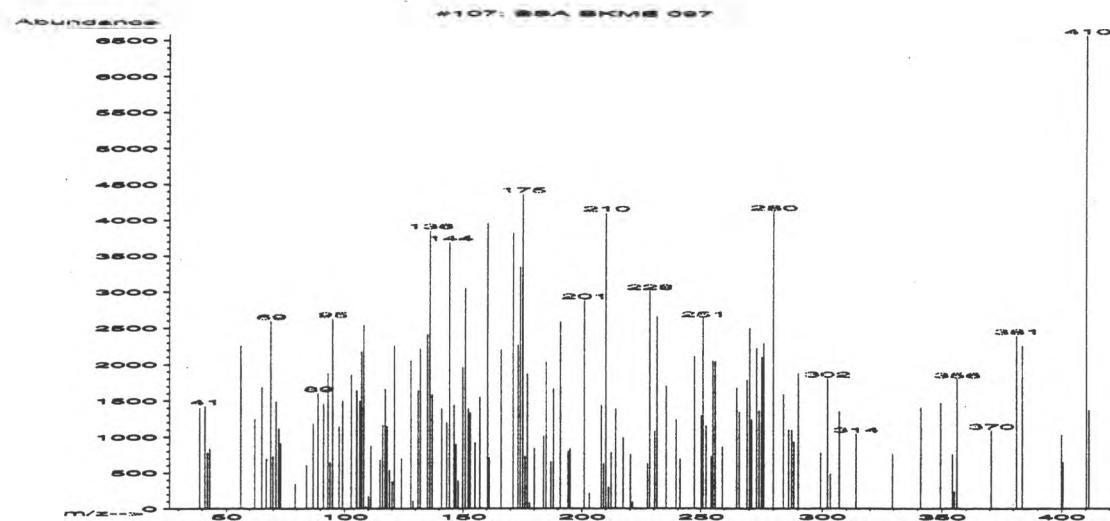
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
295.00	192	315.45	658	339.10	25	361.40	634
299.20	745	316.25	988	340.95	1670	364.20	390
299.60	291	320.10	138	342.70	267	367.30	175
300.30	366	324.25	425	343.35	1119	369.85	434
302.40	1544	326.35	1032	354.45	439	370.35	5837
303.35	1532	327.05	1232	355.20	2627	371.30	1094
304.15	272	327.35	2018	356.40	909	379.25	325
305.25	442	328.30	1305	356.90	377	381.40	855
307.05	427	329.30	503	357.15	1022	382.30	314
314.20	857	330.40	147	358.30	50	383.30	477
315.25	147	331.25	253	360.70	383	384.05	363

#106: BSA BKME 096

Full Spectrum # 106 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
385.25	290	412.45	6215				
389.05	278	413.35	2837				
394.15	521	414.45	547				
395.45	560	415.40	480				
396.55	497	416.50	638				
397.35	4237	444.15	382				
398.30	844	450.35	266				
398.65	289	457.65	285				
401.25	569	463.00	325				
401.45	265	476.50	255				
411.30	110						

BSA BKME 097



#107: BSA BKME 097

Full Spectrum # 107 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.90	1397	72.30	1111	99.20	1502	117.05	1667
41.10	1423	73.05	906	102.90	1858	117.95	1145
42.10	783	79.15	344	105.10	1643	119.00	534
43.00	837	84.10	606	106.30	1503	120.05	383
56.15	2258	86.90	1185	107.10	2179	120.95	2259
62.15	1246	88.90	1605	108.10	2542	124.05	699
65.25	1691	91.10	1457	109.10	27	128.05	2052
67.05	695	93.00	1879	110.10	172	129.10	104
69.05	2597	94.00	652	111.10	879	131.05	1648
69.95	730	95.10	2626	114.95	681	132.05	2216
71.10	1489	97.80	1145	116.05	1168	135.05	2418

#107: BSA BKME 097

Full Spectrum # 107 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.05	3856	153.00	1334	176.10	736	200.90	2881
137.05	1587	155.15	923	177.05	1874	203.10	211
141.05	1398	157.05	1557	177.95	80	208.05	1445
143.15	1207	158.00	10	180.05	854	209.00	629
144.35	3692	160.30	3953	183.85	1012	209.95	4104
146.20	1444	161.10	720	185.10	2039	211.05	303
147.05	898	166.05	2204	187.15	661	212.15	788
148.05	393	171.10	3819	188.15	1671	214.00	1392
149.90	1963	173.15	2268	191.00	2584	217.10	996
150.90	3050	174.05	3346	194.20	802	220.10	763
152.20	1388	175.10	4363	195.10	845	221.00	93

#107: BSA BKME 097

Full Spectrum # 107 from F:\BSA_BKME.L

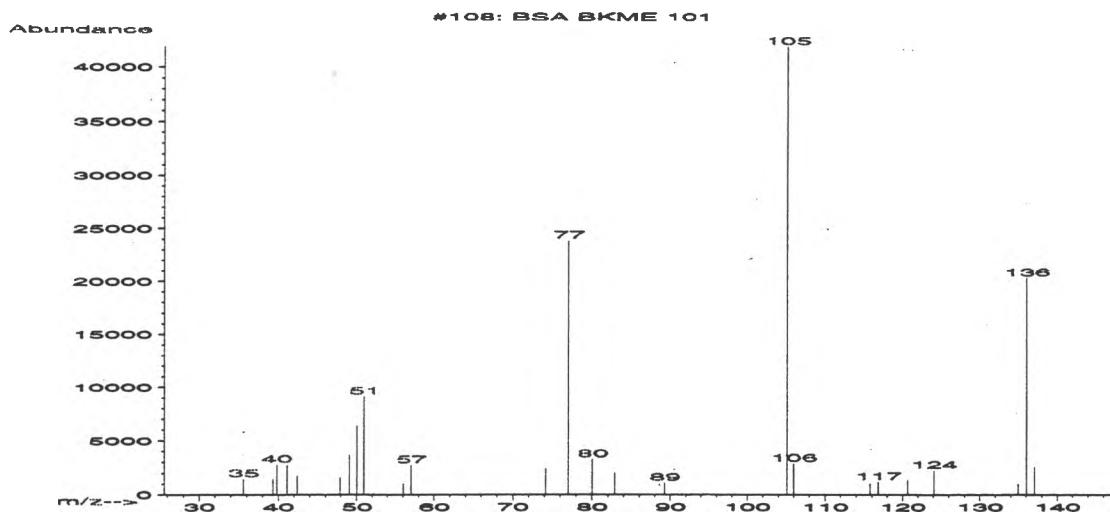
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
227.15	633	254.25	734	275.30	2106	307.05	1354
228.10	3013	255.15	2057	276.10	2298	314.05	1043
230.20	1080	256.05	2046	280.00	4124	329.35	766
231.15	2657	259.15	863	284.00	1589	341.30	1405
235.10	1708	265.05	1679	286.10	1102	349.30	1476
239.30	1242	266.15	1344	287.30	1092	354.30	758
241.05	699	269.15	1786	288.30	935	355.05	240
247.15	2113	270.35	2510	290.15	1881	356.10	1801
250.25	1297	271.05	1242	299.30	786	370.55	1092
250.95	2638	273.15	2228	302.20	1806	381.35	2402
252.15	1156	274.20	1368	303.30	484	383.55	2267

#107: BSA BKME 097

Full Spectrum # 107 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
399.80	1031						
400.45	650						
410.30	6588						
411.40	1371						

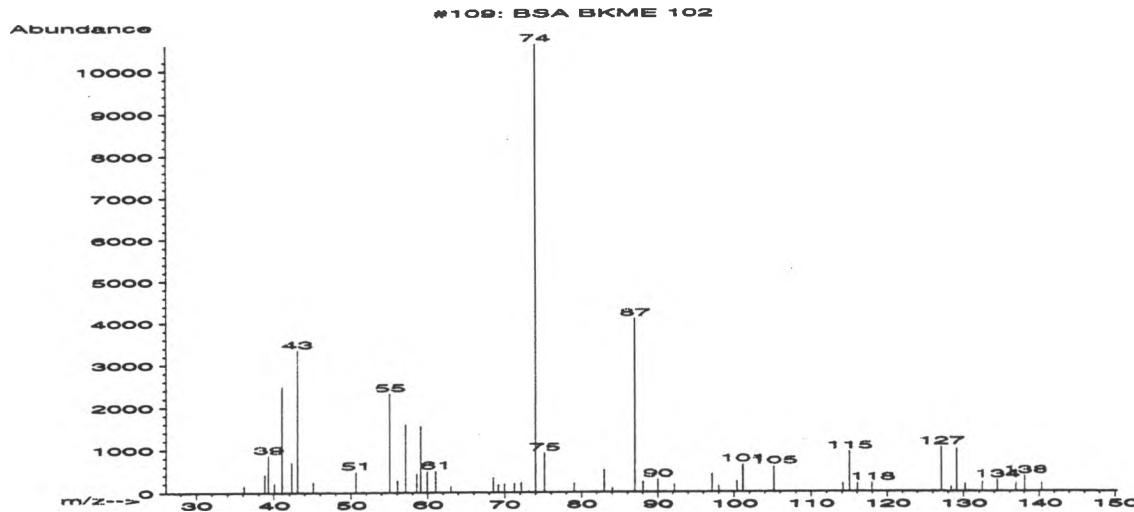
BSA BKME 101



#108: BSA BKME 101
Full Spectrum # 108 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.60	1451	74.15	2417	134.95	980		
39.30	1479	77.05	23848	136.05	20392		
39.80	2774	80.05	3265	137.05	2555		
41.10	2770	82.90	2028				
42.40	1747	89.30	1095				
47.90	1597	105.10	41912				
49.10	3649	106.00	2877				
50.05	6369	115.75	1057				
50.95	9119	116.85	1201				
56.05	1011	120.65	1345				
57.05	2728	124.05	2247				

BSA BKME 102



#109: BSA BKME 102

Full Spectrum # 109 from F:\BSA_BKME.L

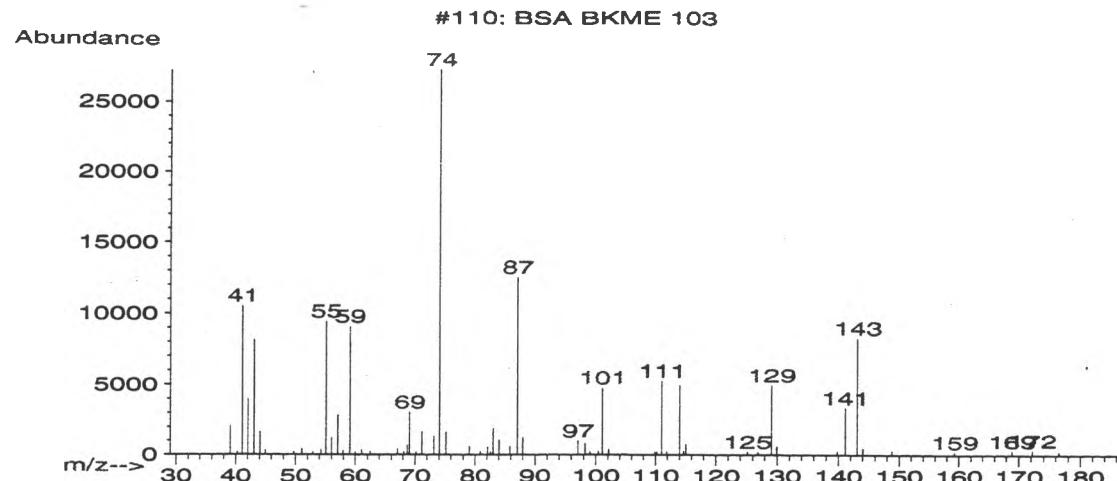
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	147	57.10	1588	73.10	29	98.00	134
38.80	420	58.55	432	74.00	10589	100.40	241
39.25	856	59.10	1541	75.15	913	101.15	633
40.05	206	59.95	491	79.05	202	105.20	578
41.05	2477	61.05	492	82.95	516	114.15	190
42.30	694	63.05	131	84.05	88	115.00	935
43.05	3351	68.55	339	87.00	4107	116.05	193
45.10	232	69.15	171	88.05	230	117.95	202
50.65	480	69.95	185	90.00	293	127.10	1033
55.05	2316	71.25	201	92.20	176	128.40	104
56.05	271	72.15	227	97.10	412	129.10	987

#109: BSA BKME 102

Full Spectrum # 109 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
130.20	175						
132.45	210						
134.35	262						
136.85	197						
138.05	353						
140.35	189						

BSA BKME 103



#110: BSA BKME 103

Full Spectrum # 110 from F:\BSA_BKME.L

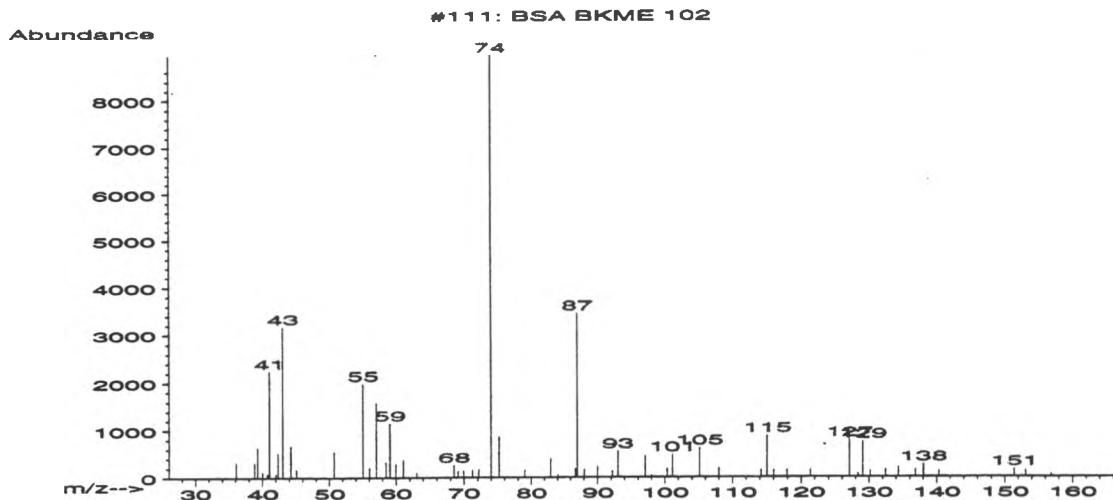
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	2067	55.05	9431	69.05	3060	84.05	1081
40.30	220	56.00	1212	70.15	209	85.85	621
41.10	10507	57.05	2837	71.10	1668	87.05	12539
42.05	3985	57.95	312	73.10	1324	88.00	1232
43.05	8159	59.05	9063	74.05	27272	97.05	1002
44.10	1617	60.00	199	75.10	1637	98.20	806
45.00	330	61.05	316	78.95	604	99.00	210
49.75	218	62.45	238	80.85	265	100.40	253
51.05	424	67.00	398	82.10	574	101.05	4781
52.95	207	68.15	235	82.60	211	102.10	394
54.25	363	68.65	691	83.00	1891	105.00	21

#110: BSA BKME 103

Full Spectrum # 110 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
109.90	222	139.85	263				
110.20	223	141.10	3377				
111.05	5253	143.10	8290				
111.90	233	144.05	494				
114.00	4958	148.80	335				
114.65	272	159.30	220				
115.05	748	168.90	302				
125.15	229	172.20	343				
126.85	205	176.55	246				
129.05	4971						
129.95	591						

BSA BKME 102



#111: BSA BKME 102

Full Spectrum # 111 from F:\BSA_BKME.L

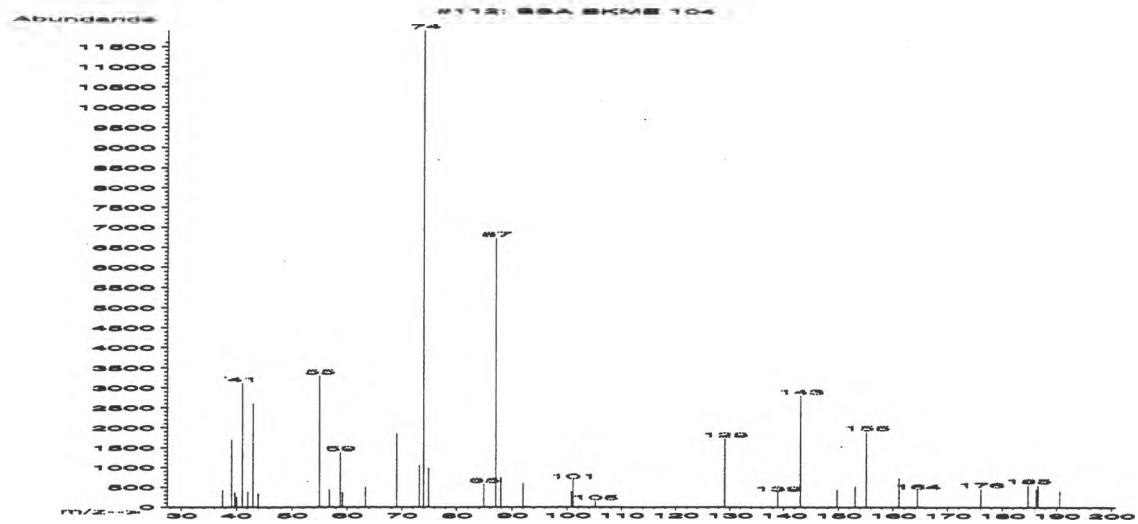
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	311	50.70	541	69.95	139	88.05	167
38.80	315	55.05	1976	71.25	151	90.00	216
39.25	634	56.05	203	72.15	170	92.20	132
40.05	117	57.10	1571	73.10	13	93.00	544
40.75	81	58.55	324	74.00	8951	97.05	441
41.05	2235	59.10	1140	75.15	847	98.00	41
42.00	74	59.95	284	79.05	151	100.40	181
42.30	516	61.05	369	82.95	387	101.15	475
43.05	3167	63.10	95	84.05	60	105.15	613
44.25	665	68.55	254	86.70	184	108.00	182
45.10	174	69.15	128	87.00	3443	114.15	143

#111: BSA BKME 102

Full Spectrum # 111 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
115.05	868	138.05	265				
116.05	144	140.35	130				
117.95	152	151.40	162				
121.35	150	153.10	135				
127.10	775	156.85	69				
128.40	74						
129.10	741						
130.20	128						
132.45	157						
134.35	197						
136.85	148						

BSA BKME 104

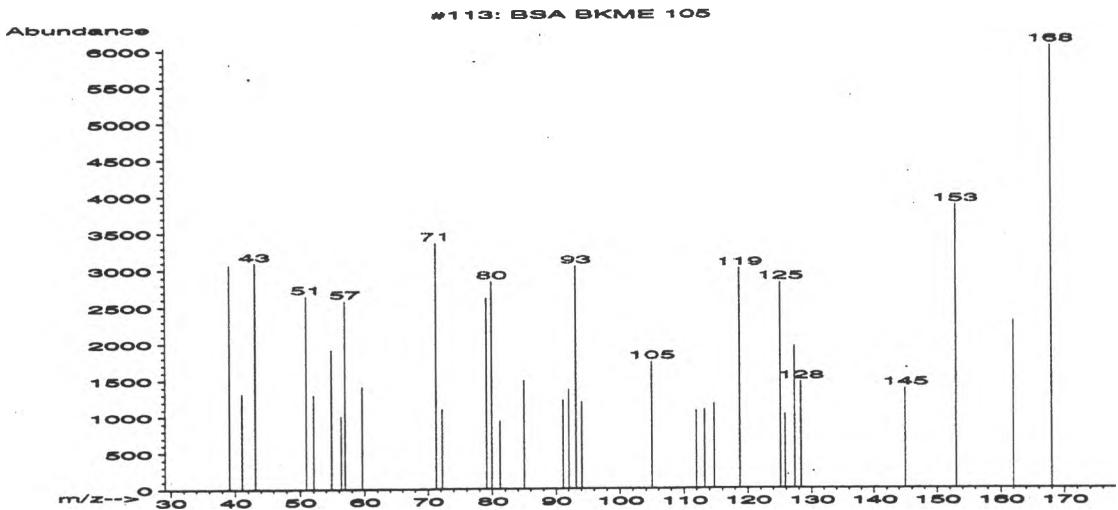


#112: BSA BKME 104

Full Spectrum # 112 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.50	431	59.15	359	101.10	673	184.85	563
39.10	1697	63.35	502	105.10	135	186.35	457
39.70	357	69.00	1859	129.10	1729	186.65	545
40.00	254	73.15	1053	138.85	365	190.65	406
41.10	3113	74.00	11904	143.05	2808		
42.10	381	74.85	979	149.70	429		
43.05	2603	84.90	574	153.10	529		
44.00	332	87.05	6726	155.10	1901		
55.00	3305	88.00	743	161.10	727		
56.85	440	92.00	595	164.50	420		
58.75	1381	100.80	383	176.10	460		

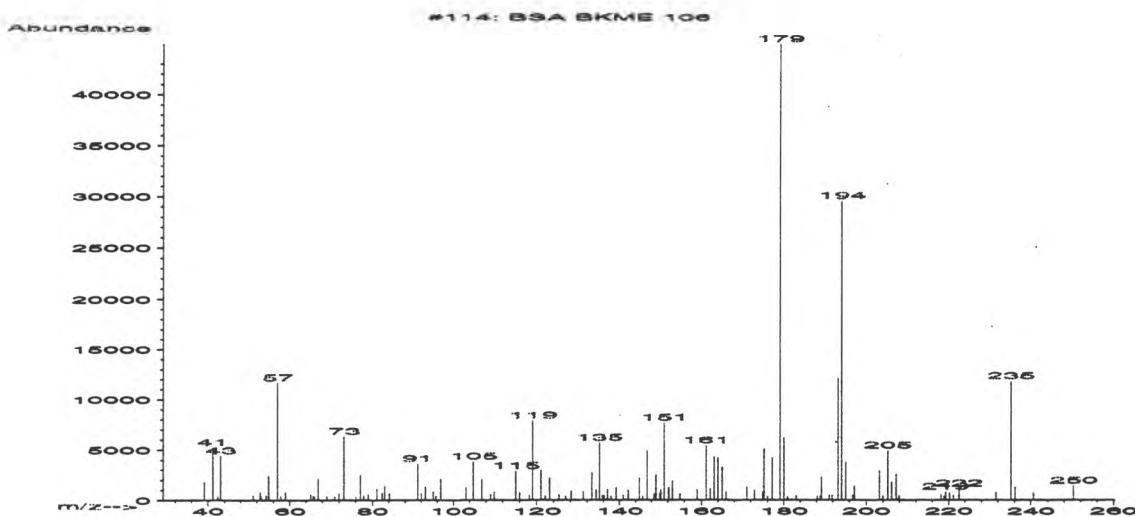
BSA BKME 105



#113: BSA BKME 105
Full Spectrum # 113 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	3069	79.15	2616	114.75	1170		
41.10	1313	79.95	2837	118.75	3005		
43.10	3093	81.20	938	125.15	2817		
50.95	2645	85.00	1494	125.85	1018		
52.05	1297	91.10	1223	127.35	1953		
54.85	1913	92.10	1366	128.35	1462		
56.35	1002	93.20	3040	145.00	1367		
56.95	2576	94.10	1189	153.00	3853		
59.65	1410	105.00	1740	162.00	2288		
71.25	3358	112.00	1071	168.00	6043		
72.25	1102	113.25	1088				

BSA BKME 106



#114: BSA BKME 106

Full Spectrum # 114 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	1816	58.95	808	77.95	472	96.85	2126
41.10	5201	65.05	557	79.05	596	103.10	1264
42.40	357	65.75	385	81.10	1129	104.95	3847
43.10	4400	66.05	383	82.40	700	107.00	2098
51.05	470	67.00	2100	83.00	1383	109.10	562
52.80	821	69.10	415	84.20	676	109.90	825
53.05	366	70.95	355	91.05	3622	115.05	2911
54.25	502	71.95	670	92.00	675	115.95	792
54.95	2404	73.15	6341	93.05	1307	118.25	507
57.05	11673	76.05	351	95.00	890	119.10	7918
57.85	398	77.05	2503	95.70	393	121.05	2958

#114: BSA BKME 106

Full Spectrum # 114 from F:\BSA_BKME.L

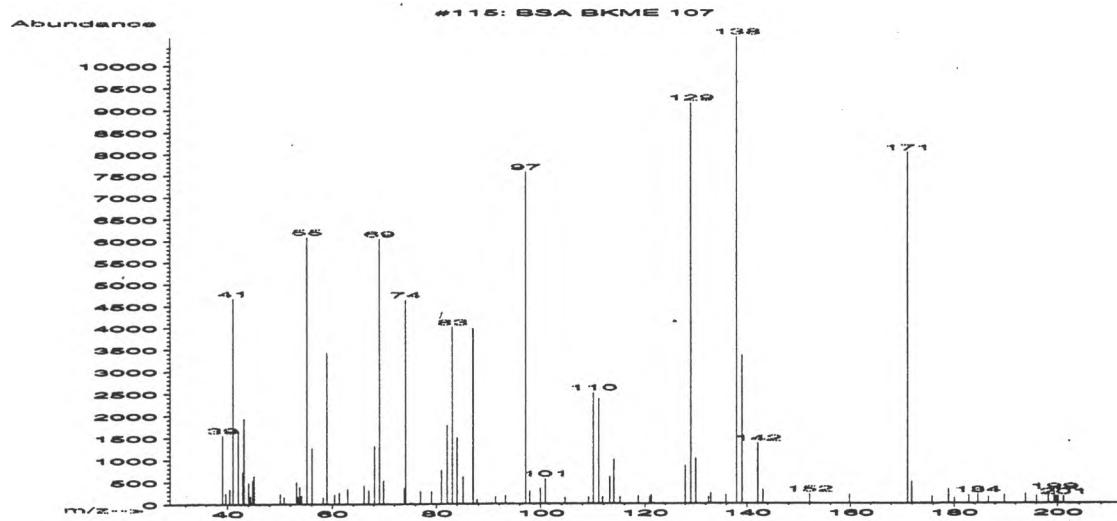
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
122.05	444	137.05	1077	150.25	1020	166.00	801
123.05	2208	137.85	360	151.05	7705	171.10	1284
125.25	558	139.20	1243	152.10	1255	172.90	987
126.85	406	140.95	490	153.00	1901	174.90	847
128.15	948	142.15	1013	154.90	627	175.20	5094
131.05	873	144.95	2255	159.05	1074	176.00	356
133.15	2737	145.80	411	161.10	5406	177.15	4215
134.20	1023	146.90	4926	162.15	1118	179.05	44936
135.00	5694	148.60	635	163.05	4302	180.05	6187
135.75	470	149.05	2548	164.05	4171	180.95	340
136.15	475	150.00	680	165.05	3285	183.05	474

#114: BSA BKME 106

Full Spectrum # 114 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
188.15	395	204.05	432	231.50	776		
188.85	398	205.20	4920	235.15	11850		
189.15	2306	206.10	1806	236.20	1288		
191.05	505	207.20	2594	240.65	706		
191.85	495	207.95	440	250.30	1431		
193.20	12145	218.20	588				
194.10	29592	218.90	406				
195.10	3730	219.25	829				
196.75	504	220.20	743				
197.15	1383	221.20	499				
203.15	2930	222.50	1156				

BSA BKME 107



#115: BSA BKME 107

Full Spectrum # 115 from F:\BSA_BKME.L

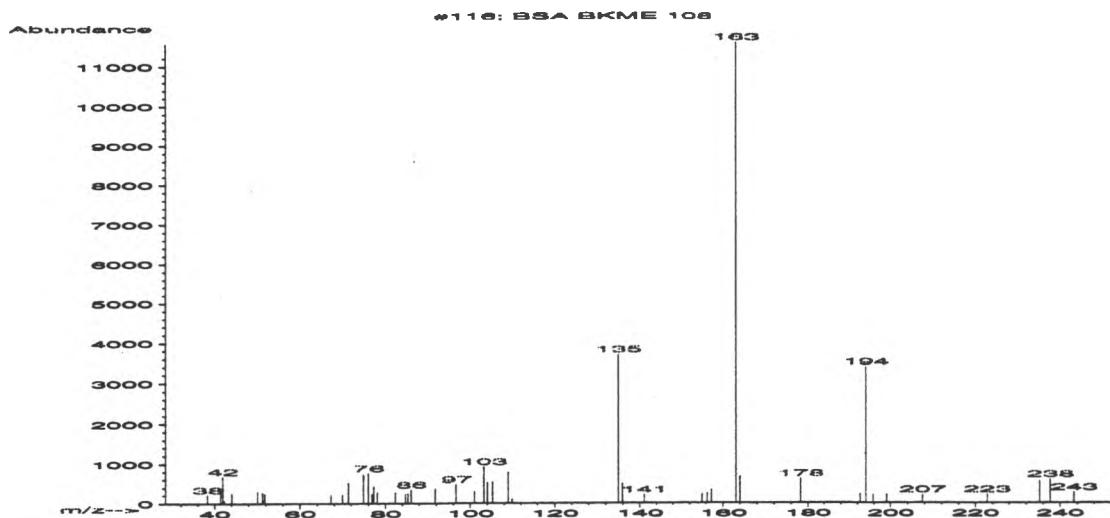
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1551	50.05	229	61.35	255	79.05	281
39.70	242	50.75	152	63.00	338	81.00	762
40.40	335	53.10	491	66.10	420	82.10	1770
41.05	4674	53.40	151	67.00	309	83.10	4010
42.00	1641	53.70	378	68.10	1312	84.00	1489
42.95	727	54.05	181	69.05	6049	85.10	610
43.15	1933	55.10	6086	69.85	525	87.00	3966
44.05	482	56.05	1253	73.85	354	87.75	101
44.40	174	58.25	145	74.10	4643	91.30	150
44.85	533	59.00	3425	75.00	25	93.20	190
45.10	633	60.45	215	76.95	285	97.05	7585

#115: BSA BKME 107

Full Spectrum # 115 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
97.90	295	118.75	185	139.05	3347	184.55	203
100.00	353	120.95	156	142.10	1359	186.65	147
100.90	565	121.25	195	143.05	317	189.85	191
104.65	139	126.45	15	152.00	212	193.95	215
109.10	145	127.95	855	159.80	193	196.05	170
110.05	2513	129.10	9155	171.15	8037	198.25	254
111.10	2375	130.05	1024	171.95	488	199.35	264
111.80	144	132.55	155	175.80	159	199.75	150
113.15	609	132.95	235	178.95	320	200.15	169
114.00	1003	135.95	198	180.10	124	201.15	151
115.15	145	138.05	10650	182.85	184		

BSA BKME 108



#116: BSA BKME 108

Full Spectrum # 116 from F:\BSA_BKME.L

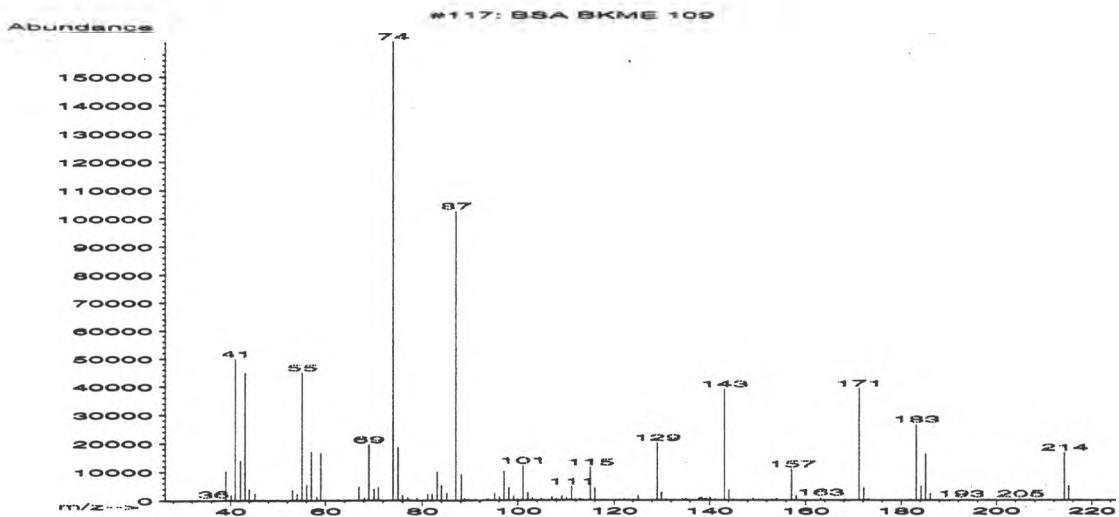
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.30	216	74.90	731	101.00	300	157.30	342
41.40	307	76.05	760	103.15	920	163.05	11569
41.90	674	76.85	234	104.00	518	163.95	665
42.30	72	77.20	429	105.25	540	178.25	613
44.05	247	78.05	276	109.00	782	192.65	229
50.05	303	82.30	285	109.90	108	194.05	3385
51.25	268	84.70	242	135.00	3703	195.75	208
51.75	236	85.30	248	135.90	494	199.05	209
67.25	223	86.10	345	141.05	205	207.55	206
69.95	219	91.80	381	155.00	228	222.80	217
71.35	517	96.65	473	156.30	250	235.20	571

#116: BSA BKME 108

Full Spectrum # 116 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
237.70	598						
243.25	264						

BSA BKME 109



#117: BSA BKME 109

Full Spectrum # 117 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.40	350	55.05	45120	71.05	4690	85.10	2514
39.05	10197	56.10	5544	74.05	162432	87.00	102616
40.10	1752	57.05	17136	75.05	18608	88.10	9042
41.10	50008	58.15	1310	76.00	1702	88.80	672
42.15	13942	59.05	16696	77.10	1009	89.70	380
43.10	45016	62.75	380	79.00	938	91.20	461
44.05	3862	64.90	356	80.10	194	93.30	353
45.15	2330	67.00	4800	81.10	2193	93.70	490
49.95	350	68.15	1007	82.10	2247	95.10	2341
53.05	3474	69.05	19592	83.05	10081	96.15	1230
54.05	2283	70.10	3986	84.05	5314	97.10	10269

#117: BSA BKME 109

Full Spectrum # 117 from F:\BSA_BKME.L

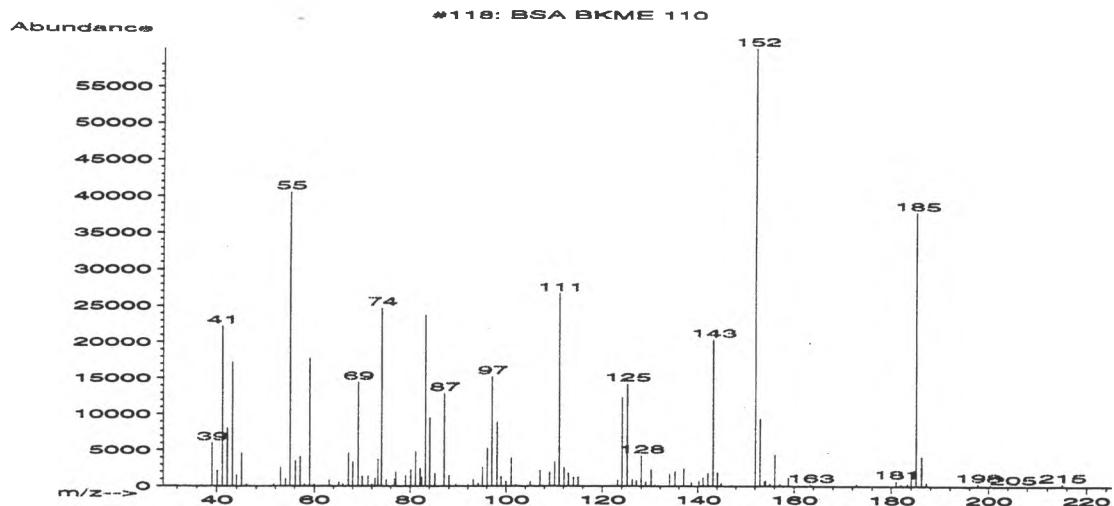
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
98.10	4374	111.15	4740	130.00	2669	143.10	39008
99.10	1512	111.95	341	130.95	440	144.15	3664
99.90	432	112.90	708	134.45	495	145.10	349
101.05	12235	115.05	11462	135.15	543	149.20	730
102.05	2569	116.00	4172	137.80	762	151.10	269
103.00	730	121.05	343	138.15	849	153.10	361
104.90	495	122.15	487	138.45	920	154.00	762
107.10	1270	123.15	337	139.05	489	157.15	10886
108.00	487	124.05	342	139.45	496	158.10	1627
109.10	1604	125.05	1521	140.15	973	163.10	903
110.05	917	129.10	20152	141.25	415	168.20	458

#117: BSA BKME 109

Full Spectrum # 117 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
171.15	39320	205.05	375				
172.15	4260	206.95	181				
173.10	397	214.15	16712				
181.95	451	215.10	4964				
183.15	26560						
184.20	5009						
185.10	16392						
186.15	2106						
192.65	418						
198.35	338						
204.75	342						

BSA BKME 110



#118: BSA BKME 110
Full Spectrum # 118 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	6026	55.05	40560	69.10	14444	80.15	2272
40.10	2154	56.10	3472	70.00	1440	81.10	4837
41.10	22184	57.10	4097	71.15	1446	82.05	2464
42.15	8060	57.95	344	71.95	298	82.30	1267
43.10	17216	59.05	17768	72.65	1079	83.10	23688
44.00	1543	59.95	267	73.20	3786	84.05	9519
45.05	4570	63.05	860	74.05	24672	85.10	1798
46.00	288	65.05	579	75.05	947	87.05	12908
51.65	316	65.95	310	76.80	976	88.05	1525
53.05	2560	67.05	4562	77.10	1976	89.50	278
54.15	1049	68.00	3331	79.05	1484	91.00	39

#118: BSA BKME 110
Full Spectrum # 118 from F:\BSA_BKME.L

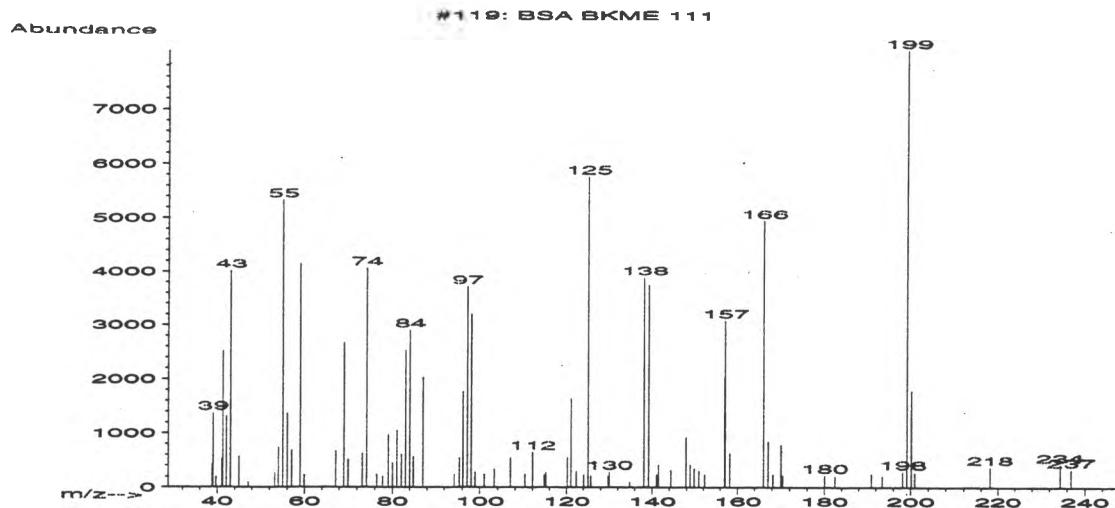
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.00	272	105.00	623	125.10	14238	140.25	730
93.15	943	107.05	2186	126.15	908	141.10	1214
94.20	436	109.05	1925	127.05	779	142.10	1852
95.05	2649	110.15	3389	128.05	4258	143.15	20336
96.05	5295	111.10	26696	128.95	626	144.10	1929
97.05	15225	112.10	2571	130.10	2284	144.80	396
98.10	8905	113.05	1779	130.95	199	152.05	60280
99.00	1349	114.10	1259	134.00	1694	153.05	9361
100.00	678	115.05	1299	135.10	2063	153.95	678
101.05	3949	123.15	878	137.00	2445	154.20	751
102.00	263	124.05	12369	138.65	536	155.10	315

#118: BSA BKME 110

Full Spectrum # 118 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.10	4380	186.15	4138				
157.10	329	187.15	516				
158.85	1187	197.75	398				
163.40	256	200.35	265				
172.80	327	205.00	80				
178.15	121	215.10	404				
180.95	769						
181.90	298						
183.25	360						
184.00	1915						
185.05	37888						

BSA BKME 111



#119: BSA BKME 111

Full Spectrum # 119 from F:\BSA_BKME.L

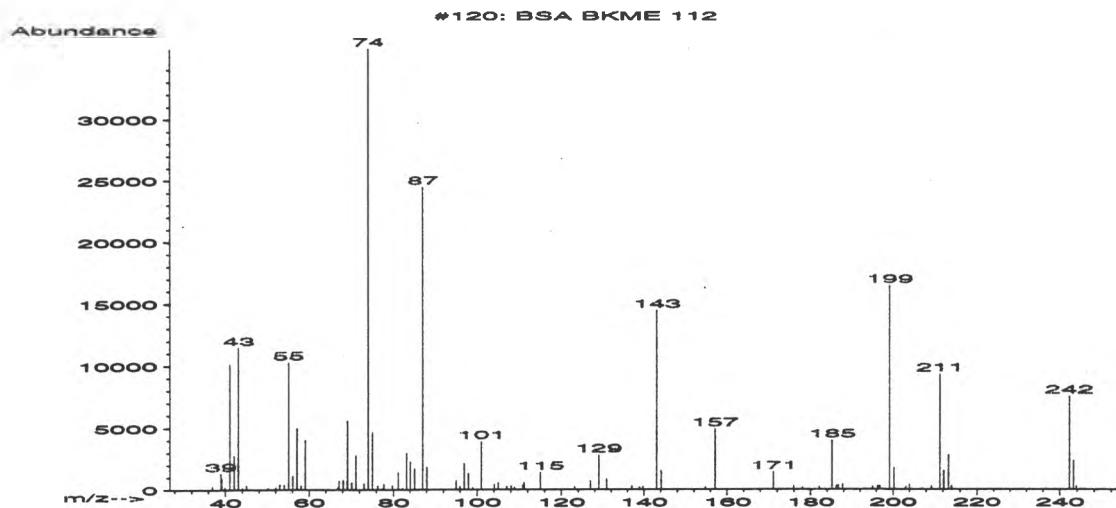
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.80	428	55.00	5329	77.75	204	96.10	1768
39.05	1373	56.00	1366	79.05	978	97.15	3714
39.75	202	57.10	683	80.05	451	98.05	3203
41.05	526	59.00	4148	81.05	1051	98.95	281
41.25	2514	59.95	227	82.10	614	101.00	247
42.10	1313	67.15	674	83.05	2534	103.20	337
43.05	4016	69.00	2673	84.05	2907	106.90	542
45.05	570	70.00	508	84.80	564	110.20	254
47.10	106	73.15	627	87.05	2032	112.00	648
53.25	272	74.10	4066	94.20	241	114.75	234
54.05	738	76.45	247	95.40	547	115.10	282

#119: BSA BKME 111

Full Spectrum # 119 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
120.15	555	141.05	241	166.05	4947	200.15	1791
121.00	1637	141.45	407	167.05	847	200.95	272
122.25	298	144.35	326	168.20	241	218.10	375
124.05	237	147.90	928	170.05	785	234.40	423
125.05	5759	148.90	414	170.40	220	236.90	334
125.75	220	149.90	350	180.05	225		
129.75	220	151.00	310	182.45	208		
130.05	287	152.30	244	190.90	254		
134.85	96	157.00	2031	193.45	210		
138.10	3891	157.15	3087	198.15	290		
139.15	3749	158.20	627	199.15	8079		

BSA BKME 112



#120: BSA BKME 112

Full Spectrum # 120 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.90	293	52.95	443	70.15	589	83.10	2999
38.90	1321	54.05	396	71.10	2804	84.05	2259
39.15	945	55.05	10297	73.05	508	85.15	1713
39.95	217	56.05	1134	74.05	35664	87.05	24448
41.05	10111	57.05	4996	75.05	4647	88.05	1798
42.10	2779	58.05	360	76.25	339	89.05	4
43.10	11482	59.05	4026	77.20	77	95.15	744
44.00	128	66.85	211	77.75	442	96.00	270
45.00	315	67.10	736	79.75	336	97.05	2122
50.20	129	68.15	785	81.10	1423	98.00	1303
52.05	208	69.10	5606	82.15	149	99.05	169

#120: BSA BKME 112

Full Spectrum # 120 from F:\BSA_BKME.L

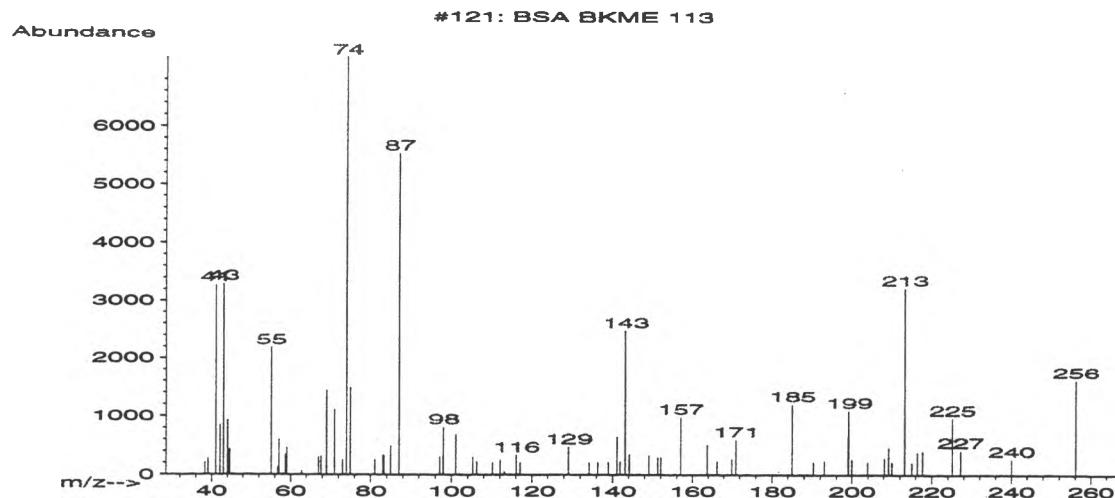
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
101.05	3906	129.00	2827	177.95	200	200.20	1721
104.10	429	130.95	880	182.05	233	203.05	249
105.05	575	137.05	292	185.15	3990	203.95	393
107.00	280	138.95	215	186.20	326	207.05	83
108.10	317	139.75	250	186.65	341	209.20	260
108.90	200	143.10	14440	187.75	418	211.20	9283
110.90	402	144.15	1521	193.15	116	212.10	1520
111.15	586	154.80	213	195.05	271	213.25	2790
115.05	1394	157.05	4910	196.25	294	214.00	292
123.15	243	171.10	1415	196.75	260	242.15	7514
127.00	694	175.90	302	199.15	16432	243.20	2344

#120: BSA BKME 112

Full Spectrum # 120 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
243.85	261						

BSA BKME 113



#121: BSA BKME 113

Full Spectrum # 121 from F:\BSA_BKME.L

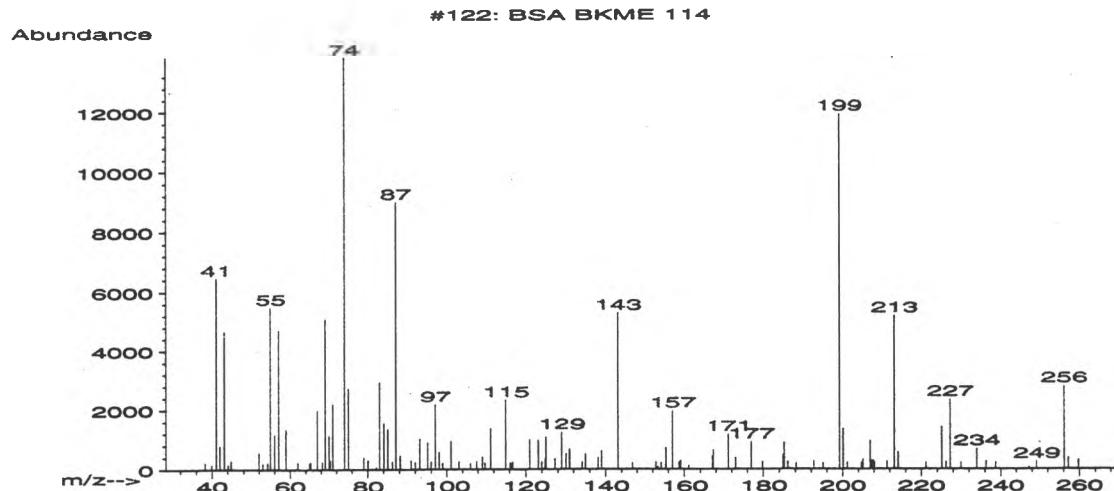
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.40	206	59.05	459	83.30	326	116.05	334
39.10	273	62.80	62	85.05	488	117.05	204
41.05	3271	67.05	297	87.05	5528	129.15	470
42.15	844	67.65	313	97.10	302	134.15	204
43.05	3299	69.00	1434	98.00	806	136.35	208
44.05	922	70.95	1110	101.05	681	138.95	214
44.50	424	73.05	251	105.20	295	141.05	641
55.10	2186	74.05	7185	106.20	218	141.85	227
56.70	129	75.00	1484	110.10	200	143.15	2485
57.05	592	81.00	251	112.10	252	144.15	340
58.65	343	83.05	328	113.15	47	149.10	331

#121: BSA BKME 113

Full Spectrum # 121 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
151.20	291	199.20	1089	227.15	407		
152.00	295	199.95	260	240.05	259		
157.05	979	203.95	208	256.10	1618		
163.80	505	208.15	279				
166.30	223	209.20	464				
170.00	266	210.00	215				
171.00	591	213.15	3228				
185.00	1199	215.00	203				
190.35	212	216.40	379				
192.95	236	217.70	396				
199.00	642	225.10	964				

BSA BKME 114



#122: BSA BKME 114

Full Spectrum # 122 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.20	225	56.05	1161	71.10	2197	87.05	8972
39.95	143	57.10	4699	74.10	13870	88.10	463
41.05	6457	59.00	1330	75.05	2718	90.90	302
42.00	779	61.95	233	78.95	390	92.00	232
43.15	4673	64.95	200	80.05	297	93.10	1022
44.05	146	65.25	245	81.10	3	95.10	897
44.80	287	67.05	1976	82.20	72	96.00	248
51.95	542	68.35	248	83.00	2926	97.05	2181
53.00	191	69.10	5074	84.05	1555	98.00	583
54.25	227	70.05	1130	85.05	1352	98.90	202
55.00	5483	70.35	302	86.20	254	101.05	930

#122: BSA BKME 114

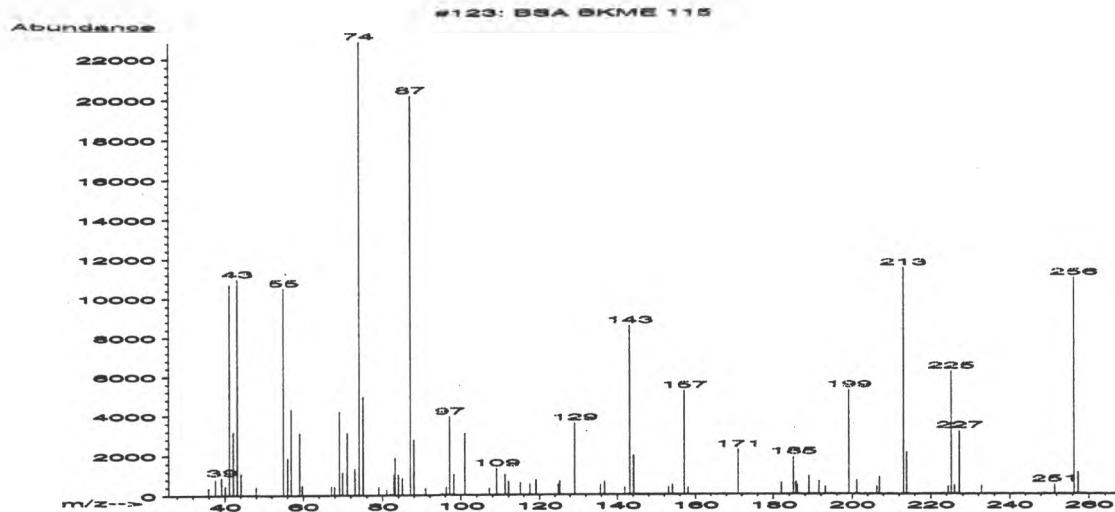
Full Spectrum # 122 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
103.10	259	124.05	241	143.10	5269	167.35	646
106.10	204	124.85	339	146.80	208	171.15	1167
107.70	267	125.10	1090	152.80	231	173.00	387
109.15	421	127.25	357	153.25	86	177.00	909
109.80	208	129.00	1239	154.10	220	179.85	247
111.15	1381	130.15	528	155.30	718	184.90	470
115.05	2330	131.05	672	157.05	1953	185.20	886
116.15	221	134.15	231	158.70	238	186.15	241
116.75	248	135.00	504	159.10	284	186.65	29
121.00	986	138.05	393	161.15	120	188.15	202
123.10	977	139.00	615	167.10	439	192.65	265

#122: BSA BKME 114
Full Spectrum # 122 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
195.05	200	213.15	5168	249.15	252		
199.20	11903	214.15	565	256.20	2794		
200.10	1359	221.10	212	257.25	389		
201.15	225	225.15	1419	259.75	310		
204.85	214	226.20	233				
205.25	331	227.20	2341				
207.05	951	229.90	222				
207.35	278	233.90	686				
207.90	284	236.20	263				
208.15	223	238.70	218				
211.30	260	247.20	70				

BSA BKME 115



#123: BSA BKME 115

Full Spectrum # 123 from F:\BSA_BKME.L

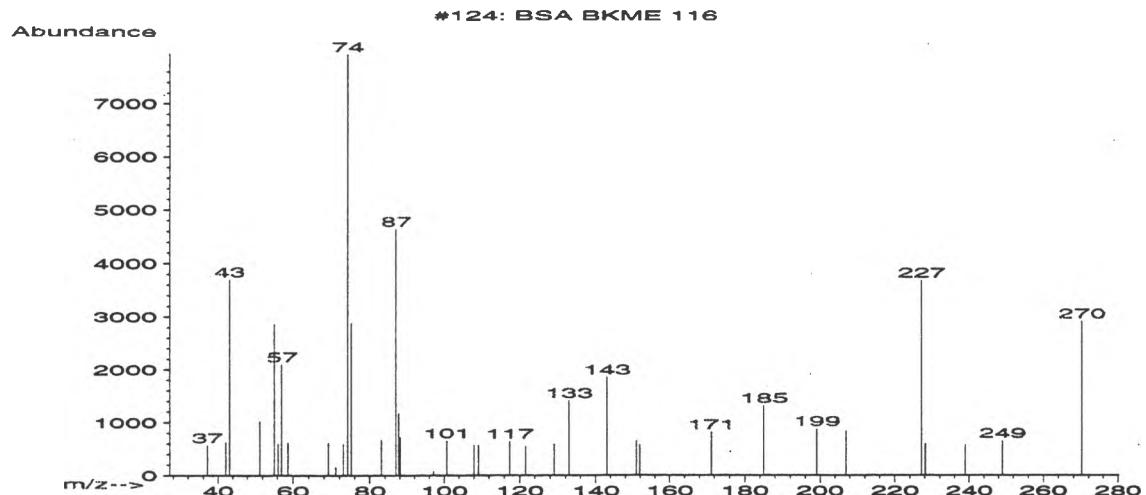
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	356	57.00	4318	79.05	414	96.30	384
37.60	785	59.10	3119	81.05	268	97.15	3956
39.15	885	59.75	471	82.10	91	98.20	1027
40.10	449	67.15	445	82.90	1019	101.10	3077
41.10	10691	67.95	414	83.20	1870	107.20	336
42.15	3163	69.15	4195	84.00	1046	109.05	1331
43.10	10956	70.00	1139	85.00	845	111.10	1019
44.05	1082	71.10	3115	87.05	20144	112.00	662
47.90	419	73.10	1336	88.05	2771	115.05	611
55.05	10519	74.10	22816	91.00	336	117.55	564
56.05	1846	75.10	4939	95.20	91	119.05	747

#123: BSA BKME 115

Full Spectrum # 123 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
124.75	516	158.10	348	201.15	696	256.25	10980
125.15	685	167.05	8	206.35	396	257.25	1098
129.10	3616	171.05	2237	207.00	864		
135.75	498	182.05	591	213.15	11485		
136.75	651	185.10	1876	214.00	2091		
141.85	357	185.75	628	224.40	390		
143.15	8579	186.05	461	225.15	6221		
144.15	1968	189.00	935	226.00	436		
153.10	382	191.55	656	227.20	3167		
154.10	489	193.05	376	232.80	424		
157.15	5239	199.10	5262	251.45	480		

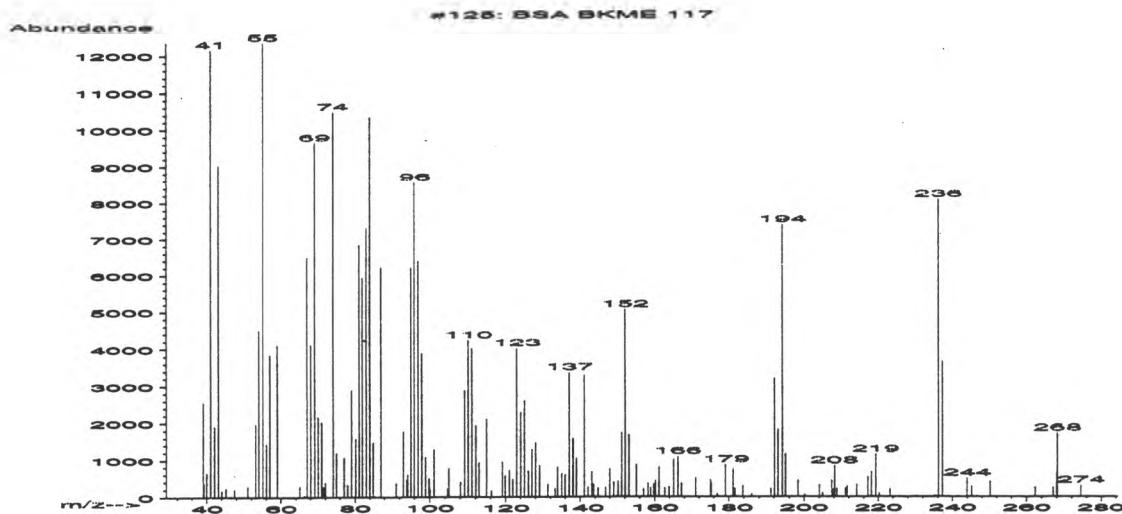
BSA BKME 116



#124: BSA BKME 116
Full Spectrum # 124 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	566	74.15	7930	121.55	548	228.10	598
42.10	627	75.05	2874	129.05	595	238.90	571
43.10	3694	83.10	673	132.95	1419	249.05	651
51.35	1026	87.05	4634	143.05	1856	270.25	2916
55.10	2864	87.80	1178	151.00		647	
56.15	597	88.10	718	151.90		571	
57.10	2096	97.10	74	171.20		818	
58.75	614	100.70	651	185.05		1316	
69.05	612	108.00	573	199.05		874	
71.05	153	109.20	566	207.00		836	
73.05	593	117.35	643	227.15		3687	

BSA BKME 117



#125: BSA BKME 117

Full Spectrum # 125 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	2553	54.00	4490	71.05	2023	83.05	7310
39.30	367	55.10	12349	71.45	271	84.05	10348
40.00	646	56.10	1431	71.95	388	85.00	1479
41.05	12162	57.05	3834	74.05	10479	87.05	6207
42.05	1914	59.05	4097	75.00	1186	91.10	366
43.10	9025	65.05	297	77.10	1058	93.05	1774
44.05	165	66.40	40	78.05	323	94.00	464
45.20	237	67.10	6496	79.10	2887	94.20	603
47.50	203	68.10	4109	80.25	1575	95.05	6210
51.05	282	69.10	9641	81.15	6834	96.05	8558
53.10	1966	70.05	2154	82.05	5930	97.05	6400

#125: BSA BKME 117

Full Spectrum # 125 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
98.05	3878	112.10	1932	126.15	701	139.05	1039
99.00	1073	113.00	927	127.05	1275	141.10	3303
99.80	495	115.00	2098	128.00	1459	142.15	261
100.10	226	116.30	155	129.10	844	143.15	678
101.10	1289	119.15	947	131.35	342	143.65	333
104.70	222	119.95	568	133.25	216	144.80	232
105.05	772	121.05	712	133.95	804	146.90	255
108.10	398	122.00	468	135.05	629	148.05	747
109.15	2886	123.05	4014	136.00	592	149.05	395
110.15	4228	124.10	2287	137.15	3368	150.15	421
111.10	4017	125.10	2604	138.15	1579	151.10	1739

#125: BSA BKME 117

Full Spectrum # 125 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
152.10	5061	165.15	1003	186.10	70	207.90	200
153.10	1678	166.25	1085	191.15	220	208.10	835
155.15	862	167.20	362	192.15	3201	208.70	215
157.00	207	171.15	509	193.10	1819	211.10	228
158.20	360	175.05	458	194.25	7389	211.50	287
158.90	237	175.30	370	195.10	1155	214.10	332
159.80	330	176.95	76	198.35	437	217.10	534
160.20	440	179.10	863	200.20	51	218.05	673
161.15	800	181.15	746	204.05	320	219.25	1144
162.70	237	181.65	220	204.90	94	220.20	85
163.90	261	183.75	285	207.35	442	223.20	200

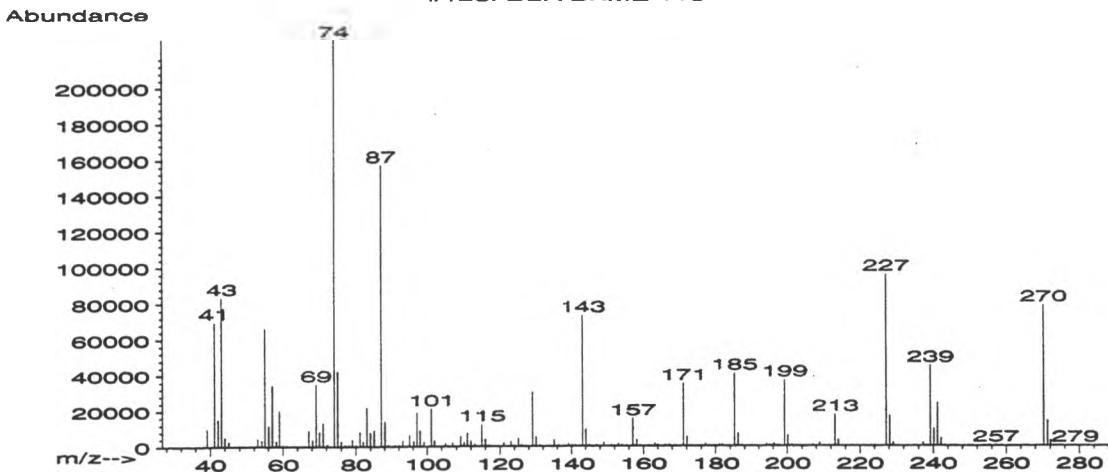
#125: BSA BKME 117

Full Spectrum # 125 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
235.20	39						
236.20	8091						
237.25	3656						
243.95	492						
245.15	271						
250.15	407						
262.25	255						
267.05	255						
267.95	665						
268.20	1718						
274.50	298						

BSA BKME 118

#126: BSA BKME 118



#126: BSA BKME 118

Full Spectrum # 126 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.90	256	52.15	201	63.25	168	75.10	41968
38.20	268	53.00	4287	65.05	213	76.00	2704
39.05	9750	54.15	3277	65.75	239	77.10	908
40.20	375	55.05	65960	66.15	307	77.85	178
41.10	69720	56.10	11655	67.05	8925	78.15	410
42.10	15113	57.05	34192	68.15	3611	79.05	3729
43.10	83320	58.10	2727	69.10	34928	80.00	813
44.05	4905	59.05	20048	70.10	8192	81.15	7996
45.10	2404	60.05	663	71.10	13092	82.05	2592
47.90	175	61.10	525	72.20	1184	83.05	21696
51.05	198	62.95	196	74.05	227392	84.05	7899

#126: BSA BKME 118

Full Spectrum # 126 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
85.05	9053	98.05	8838	112.05	2790	125.85	167
87.00	156800	99.05	2280	113.10	1072	126.15	651
88.05	13897	100.20	189	114.05	43	127.10	386
89.05	604	101.10	21208	115.05	12302	129.05	30296
91.05	580	102.05	3099	116.00	3943	130.00	5078
92.00	658	105.05	1626	116.35	305	131.05	732
93.05	3145	107.00	1992	117.05	636	133.05	255
94.05	354	109.15	5411	121.05	1977	134.05	214
95.05	6267	109.90	350	123.05	2600	135.10	3557
96.15	2770	110.15	2053	123.95	462	136.15	405
97.10	19048	111.05	7365	125.10	4446	136.55	295

#126: BSA BKME 118

Full Spectrum # 126 from F:\BSA_BKME.L

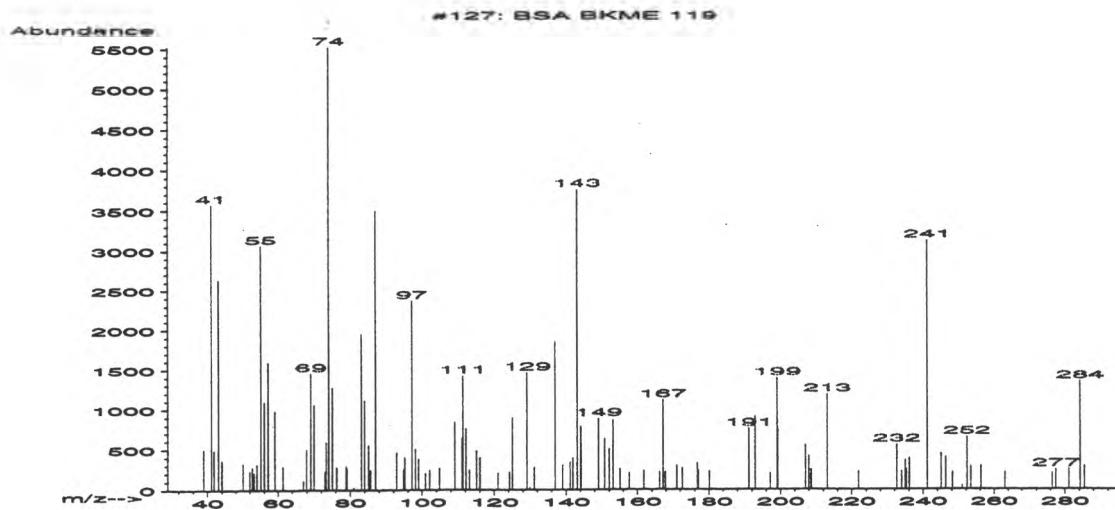
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
139.20	1363	154.05	617	168.60	167	181.90	922
140.25	565	155.30	357	169.00	183	185.15	40832
141.05	580	157.10	15482	171.15	35040	186.10	7170
143.15	73264	158.10	3394	172.10	5128	187.20	481
144.10	9360	159.10	382	172.90	168	190.15	224
145.05	633	161.20	273	173.20	222	191.05	510
147.00	693	163.20	1502	176.10	222	192.05	176
149.10	2085	164.00	915	177.15	1399	194.15	1180
151.00	443	166.05	579	178.05	239	194.75	214
151.30	250	167.00	375	179.65	231	195.05	624
153.10	1301	167.25	596	181.10	899	195.35	175

#126: BSA BKME 118

Full Spectrum # 126 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
195.95	242	219.05	120	241.15	24200	271.30	14019
196.20	1485	221.00	175	242.15	4201	272.15	3183
197.15	168	223.10	540	243.25	409	274.20	227
199.15	37112	224.00	307	246.05	199	278.80	244
200.15	5849	227.20	95624	255.25	192		
201.25	590	228.15	16728	257.05	353		
207.05	1015	229.15	1869	258.25	196		
209.05	1858	235.10	192	258.85	250		
213.15	17552	237.30	1753	264.95	225		
214.10	3341	239.25	45088	267.95	184		
218.00	191	240.25	9604	270.25	78808		

BSA BKME 119



#127: BSA BKME 119

Full Spectrum # 127 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.95	499	56.05	1093	75.10	1275	94.70	251
41.10	3570	57.10	1594	76.25	278	95.10	402
41.90	486	59.10	978	78.85	295	97.10	2368
43.15	2632	61.35	285	79.15	263	98.10	502
44.00	359	67.05	106	81.00	28	99.00	378
50.05	324	67.95	497	83.10	1950	101.00	204
51.95	226	69.10	1457	84.00	1117	102.10	242
52.65	276	70.00	1058	85.10	552	104.80	268
53.15	208	72.95	223	85.60	239	107.05	10
53.95	313	73.35	589	86.95	3490	109.10	842
55.05	3061	74.10	5522	92.80	464	111.05	640

#127: BSA BKME 119

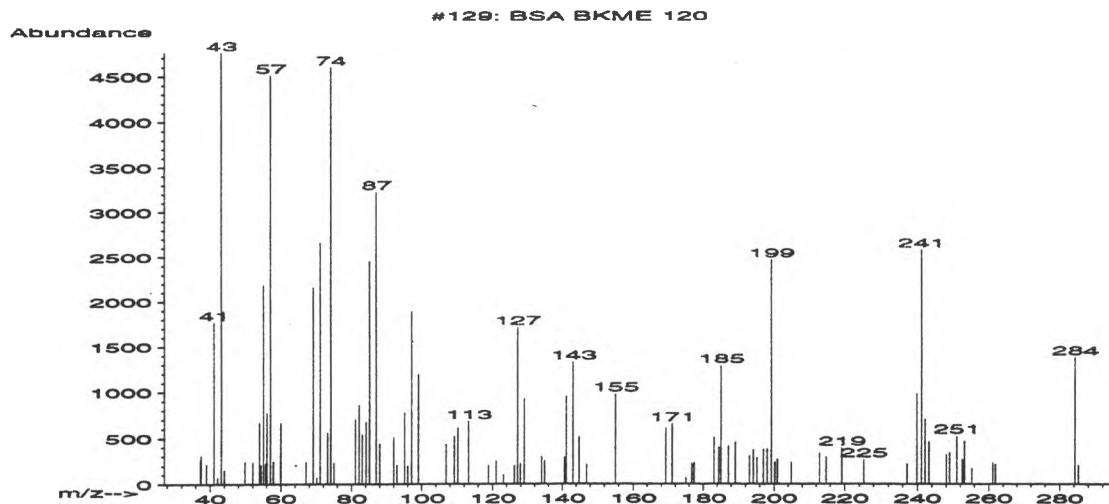
Full Spectrum # 127 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
111.30	1430	136.95	1857	157.60	202	192.90	911
112.15	759	139.05	299	161.80	229	197.15	204
113.15	244	141.10	338	166.20	215	199.05	1394
115.10	484	141.95	390	167.15	1118	199.20	756
116.05	396	143.15	3752	167.80	216	207.00	545
121.05	204	144.15	787	171.05	293	207.95	410
124.25	214	149.05	884	172.60	265	208.60	241
125.05	894	150.80	631	176.75	323	213.10	1187
129.15	1467	152.00	502	177.05	233	222.00	220
129.95	27	153.15	863	180.05	221	232.60	551
131.15	273	155.10	256	191.20	758	234.00	223

#127: BSA BKME 119
Full Spectrum # 127 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
235.00	360	263.15	210				
235.30	248	276.50	202				
236.10	386	277.50	245				
241.20	3120	281.10	254				
245.00	444	284.25	1350				
246.25	397	285.40	286				
248.25	206						
250.90	51						
252.25	649						
253.35	281						
256.25	291						

BSA BKME 120



#129: BSA BKME 120

Full Spectrum # 129 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.20	270	55.10	2187	73.15	562	92.90	209
37.40	310	55.75	230	74.10	4595	95.10	774
39.00	216	56.10	775	74.95	234	96.00	200
41.05	1771	57.10	4509	81.05	701	97.10	1889
42.10	71	57.95	247	82.15	860	99.05	1199
43.10	4757	59.90	666	83.00	541	106.90	436
44.00	153	67.05	241	84.10	673	109.15	521
49.85	246	68.20	14	85.10	2452	110.15	610
52.05	239	69.10	2161	87.05	3223	113.20	680
53.90	666	70.10	67	88.00	445	118.85	206
54.35	211	71.10	2659	92.00	511	121.05	251

#129: BSA BKME 120

Full Spectrum # 129 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
123.10	99	147.00	212	189.10	457	214.80	292
126.25	206	155.10	977	193.05	305	219.20	393
127.10	1709	169.25	606	194.15	372	225.30	265
127.95	225	171.10	651	195.25	289	237.10	224
129.00	929	175.10	69	196.95	379	239.85	982
134.05	298	176.75	228	198.05	382	241.10	2578
134.95	255	177.35	233	199.20	2465	242.15	706
140.65	292	183.10	511	200.25	242	243.25	460
141.15	955	184.45	400	200.95	274	248.15	321
143.05	1328	185.05	1288	204.95	239	249.05	343
144.80	513	187.15	416	213.00	332	251.00	523

#129: BSA BKME 120

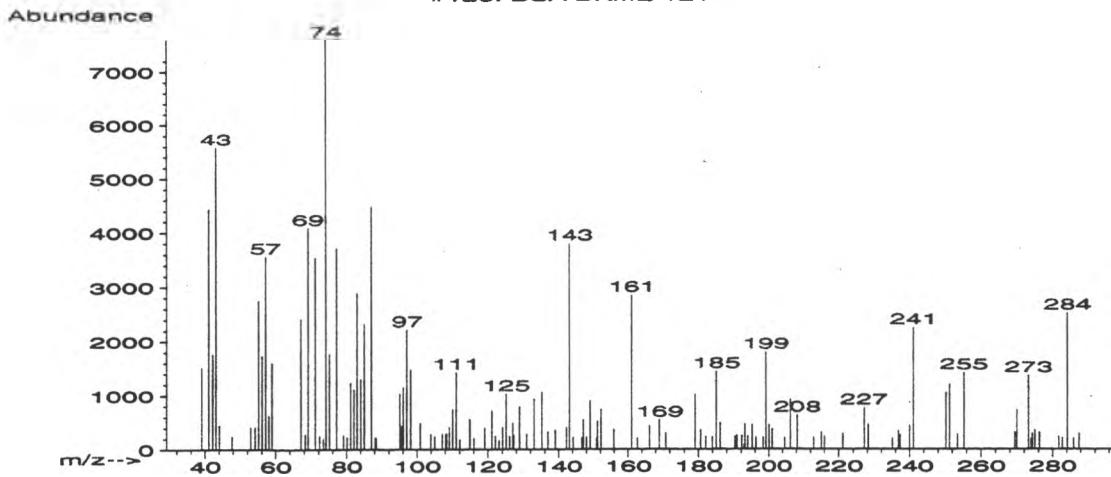
Full Spectrum # 129 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
252.55	271						
252.85	218						
253.15	469						
255.25	172						
261.05	236						

261.85	219
284.30	1381
285.30	206

BSA BKME 121

#128: BSA BKME 121



#128: BSA BKME 121

Full Spectrum # 128 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1518	57.05	3562	77.05	3709	88.95	16
39.80	16	58.10	625	79.10	269	95.05	1031
41.05	4440	59.00	1605	80.15	225	95.60	433
42.20	1766	67.10	2409	81.15	1231	96.05	1148
43.05	5577	68.25	287	82.10	1114	97.10	2215
44.05	448	69.05	4081	83.00	2881	98.15	1475
47.70	240	71.10	3538	84.05	1293	100.95	492
52.90	417	72.25	248	85.05	2314	103.90	285
54.10	423	73.35	206	87.05	4471	105.00	240
55.05	2752	74.05	7596	88.20	221	107.20	285
56.05	1735	75.05	1768	88.40	220	108.10	285

#128: BSA BKME 121

Full Spectrum # 128 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
108.40	293	123.05	165	138.95	360	155.90	368
109.15	413	124.05	410	142.15	413	161.10	2841
110.10	746	125.10	1024	143.10	3789	162.70	212
111.05	1428	126.05	247	144.15	219	166.15	433
112.05	179	126.95	488	146.60	218	169.00	547
114.75	556	127.25	263	147.10	549	170.80	301
115.00	560	128.90	788	148.00	226	173.10	3
116.05	212	130.90	288	149.05	902	179.05	1014
119.05	400	132.95	942	150.90	215	180.65	361
121.10	721	135.20	1060	151.20	525	182.05	232
122.05	247	136.85	326	152.15	735	183.85	233

#128: BSA BKME 121

Full Spectrum # 128 from F:\BSA_BKME.L

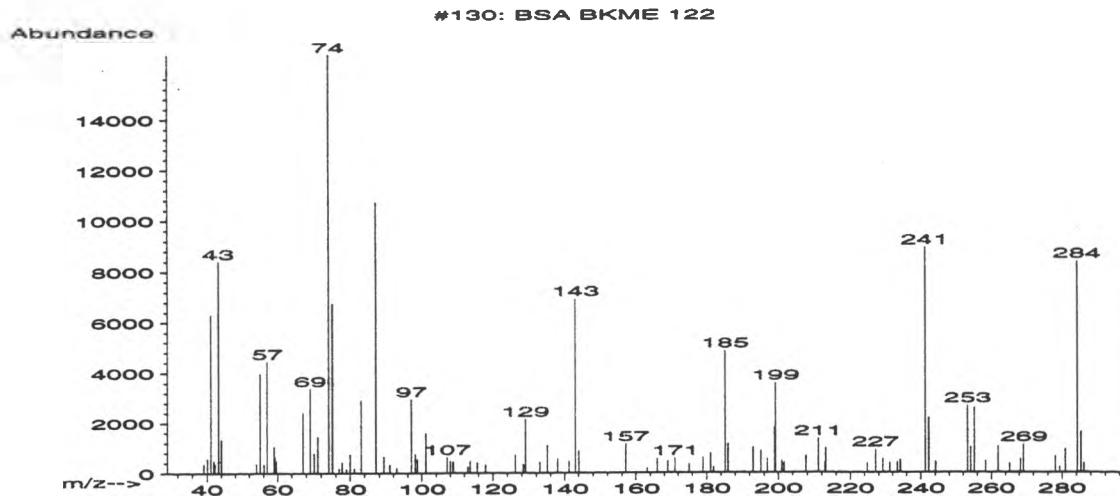
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
185.00	1440	199.15	1794	228.20	456	269.95	727
186.15	489	200.05	455	235.10	204	273.15	1366
190.25	246	200.95	376	236.80	337	273.90	200
190.75	264	204.65	218	237.20	260	274.20	291
192.15	254	206.20	920	240.00	441	275.00	360
192.75	76	208.20	630	241.10	2239	276.20	318
193.05	473	212.90	220	250.25	1053	281.15	4
193.85	242	215.10	317	251.25	1195	281.70	238
195.15	450	216.00	239	253.45	278	282.70	215
196.25	219	221.15	290	255.20	1416	284.15	2514
198.35	225	227.05	767	269.35	320	286.00	201

#128: BSA BKME 121

Full Spectrum # 128 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
287.50		290					

BSA BKME 122



#130: BSA BKME 122

Full Spectrum # 130 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	356	59.00	1057	79.00	163	101.10	1594
40.10	571	59.25	643	79.95	745	107.10	626
41.10	6318	59.55	479	81.15	171	108.00	480
41.90	489	67.05	2426	83.05	2906	108.85	437
42.20	363	69.00	3372	87.05	10721	113.00	243
43.15	8406	70.15	776	89.30	654	113.65	468
44.05	1336	71.10	1446	91.00	336	115.55	415
53.95	362	74.10	16560	92.95	195	117.95	335
55.05	3968	75.10	6753	97.00	2951	126.15	710
56.15	346	76.90	203	98.10	755	128.35	346
57.05	4452	77.75	426	98.70	542	129.00	2146

#130: BSA BKME 122

Full Spectrum # 130 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
133.05	426	175.10	338	201.05	460	234.20	498
135.15	1090	178.95	602	201.65	404	241.20	8916
138.05	550	181.10	763	207.65	668	242.20	2187
141.25	467	181.95	218	211.00	1357	244.15	427
143.10	6917	185.15	4855	212.90	389	253.25	2673
144.10	867	186.05	1147	213.15	972	254.20	1012
157.05	1147	192.95	1013	224.80	374	255.20	2590
163.15	184	195.15	862	227.10	912	258.45	446
166.00	557	196.95	557	229.20	534	261.95	1031
169.00	456	198.95	1816	231.20	382	265.15	347
171.10	571	199.20	3586	233.40	417	268.35	545

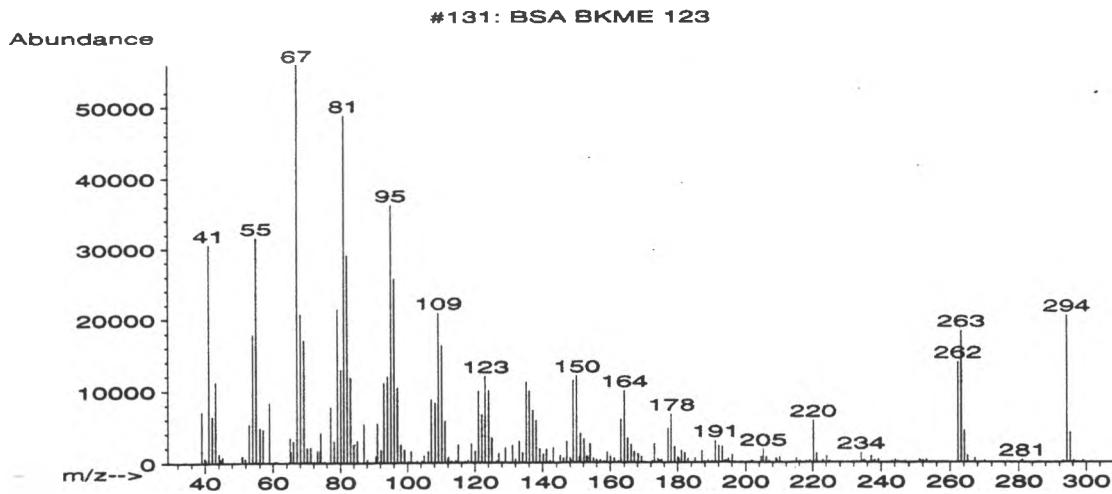
#130: BSA BKME 122

Full Spectrum # 130 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
269.20	1113						
278.10	639						
279.40	217						
280.90	941						
284.25	8380						

285.25 1632
286.10 372

BSA BKME 123



#131: BSA BKME 123

Full Spectrum # 131 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	7118	51.90	553	67.05	55864	78.10	2941
39.90	686	53.00	5345	68.05	20696	79.10	21456
40.20	429	54.10	17904	69.10	17024	80.10	12931
41.10	30584	55.05	31536	70.10	2034	81.10	48816
42.10	6451	56.10	4744	71.10	2114	82.05	29072
43.10	11239	57.10	4553	72.15	187	83.05	11787
44.10	1274	59.00	8279	73.15	1664	84.00	2526
44.50	473	60.75	169	73.90	1541	85.05	3022
45.10	797	65.00	3431	74.10	4143	87.05	5385
50.90	890	65.20	1556	75.25	189	88.05	391
51.15	911	66.00	2941	77.10	7715	90.70	947

#131: BSA BKME 123

Full Spectrum # 131 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
91.05	5445	101.10	1555	112.15	755	124.15	10009
91.90	221	102.90	214	113.00	244	125.10	3417
92.15	1774	104.30	250	114.25	291	126.45	209
93.05	11099	105.00	986	115.00	2477	127.05	1282
94.10	12010	106.20	1607	117.05	192	128.10	157
95.10	36224	107.10	8876	117.95	400	129.10	2089
96.10	25760	108.15	8301	119.00	2619	131.10	2366
97.05	10393	109.15	20928	120.15	1575	132.10	491
98.05	2457	110.15	16366	121.10	9990	133.15	2970
99.05	1772	111.10	5737	122.10	6678	134.10	1384
100.20	188	111.95	510	123.10	12038	135.10	11204

#131: BSA BKME 123

Full Spectrum # 131 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.10	9997	147.00	2924	155.05	577	165.05	3357
137.10	7257	148.05	682	156.00	403	166.15	2493
138.10	5827	148.30	307	157.05	380	167.10	1473
139.15	1908	149.00	11415	158.10	218	168.20	1198
140.10	1199	150.05	12083	158.80	209	169.20	792
141.10	1859	150.90	842	159.05	1443	172.40	204
142.10	304	151.15	3987	160.05	874	173.05	2554
142.70	1	152.15	3285	161.15	609	174.15	505
143.05	2060	152.95	838	162.30	209	174.80	251
145.10	982	153.20	872	163.10	5988	175.20	421
146.05	637	154.00	2599	164.10	9980	177.15	4717

#131: BSA BKME 123

Full Spectrum # 131 from F:\BSA_BKME.L

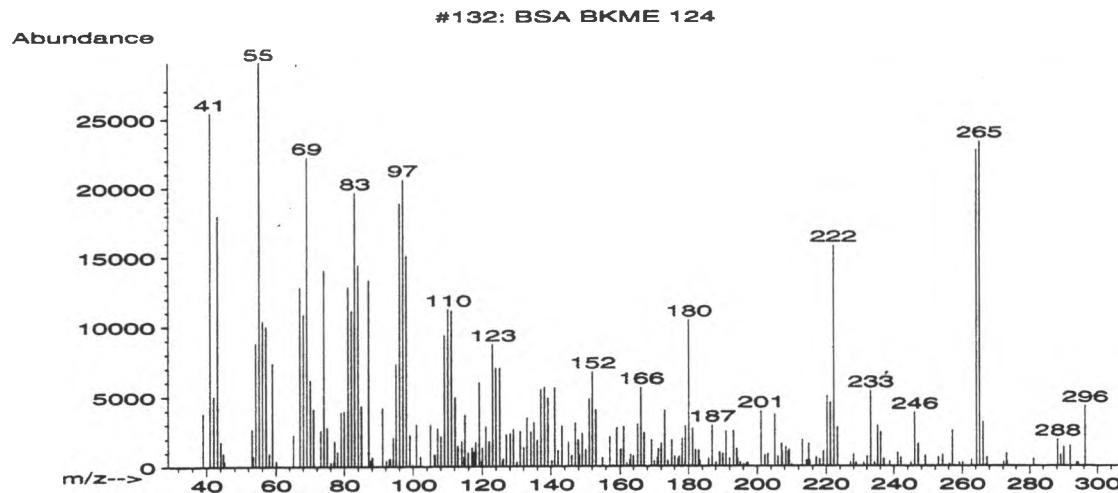
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
178.10	6670	190.15	195	205.15	1778	221.15	1279
179.10	2176	191.10	2978	206.10	759	223.00	305
180.10	756	192.10	2311	207.00	200	224.15	884
180.35	520	193.10	2157	209.00	652	225.05	194
181.10	1669	193.95	248	209.30	402	232.00	186
182.10	1372	194.35	211	210.10	732	233.05	148
183.05	545	194.95	522	215.15	571	234.20	1308
185.20	572	196.05	1029	216.10	220	234.90	231
187.15	1603	201.55	208	218.10	172	235.20	255
187.95	182	202.05	185	219.15	317	237.10	886
189.00	319	204.55	821	220.15	5796	237.90	198

#131: BSA BKME 123

Full Spectrum # 131 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
238.15	343	263.25	18272	299.10	267		
239.20	452	264.20	4417				
243.15	170	265.15	927				
244.15	388	267.20	591				
245.05	168	270.05	259				
247.05	176	280.60	175				
251.05	445	281.10	359				
251.45	175	293.10	201				
252.10	323	294.25	20432				
253.10	375	295.25	4086				
262.25	13909	296.30	237				

BSA BKME 124



#132: BSA BKME 124

Full Spectrum # 132 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	3819	56.10	10375	73.15	2597	83.05	19640
41.10	25408	57.10	9982	74.10	14056	84.05	14403
42.15	5043	58.10	944	75.05	2810	85.00	4335
43.10	17968	59.00	7375	76.05	285	87.05	13297
44.10	1778	60.15	391	76.95	444	87.70	467
44.85	953	65.05	2284	77.10	1827	88.10	671
45.10	387	67.05	12804	78.05	1060	91.05	4179
53.00	2679	68.10	10871	79.10	3878	92.20	433
53.25	756	69.10	22208	80.05	3958	93.05	581
54.05	8800	70.20	6154	81.10	12825	93.30	552
55.05	29072	71.10	4115	82.10	11114	94.15	2075

#132: BSA BKME 124

Full Spectrum # 132 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.05	7329	107.10	2723	117.10	1379	125.85	428
96.05	18856	108.10	2184	117.65	1059	126.15	548
97.05	20584	109.10	9333	118.10	1754	127.00	2291
98.05	15044	110.10	11199	119.10	6013	128.10	2391
99.05	2277	111.15	11097	119.75	404	129.10	2659
99.95	110	112.15	4954	120.05	1376	130.15	326
101.05	3007	112.95	1473	121.10	2895	131.00	2534
102.20	716	114.10	1832	122.00	1814	132.10	1358
105.05	2983	114.75	672	123.05	8734	133.05	3496
106.05	849	115.00	3709	124.05	7026	134.15	2470
106.40	870	115.95	1011	125.10	7022	135.10	3170

#132: BSA BKME 124

Full Spectrum # 132 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.05	1893	147.95	1931	160.20	1256	170.90	687
137.00	5492	148.20	848	161.10	2856	171.15	1268
138.10	5658	149.10	2356	162.00	268	172.05	1668
139.10	4877	150.05	1200	162.80	465	173.10	3991
140.25	413	151.15	4813	163.10	862	174.00	407

141.10	5613	152.10	6750	164.00	779	175.15	1906
142.05	1153	153.05	4029	165.15	3026	176.05	753
143.10	2890	155.00	619	166.15	5630	177.00	544
145.10	1764	157.15	2130	167.05	2403	177.25	718
146.05	815	158.05	91	169.20	1890	178.10	2012
147.05	3126	159.05	2776	170.10	390	178.85	236

#132: BSA BKME 124

Full Spectrum # 132 from F:\BSA_BKME.L

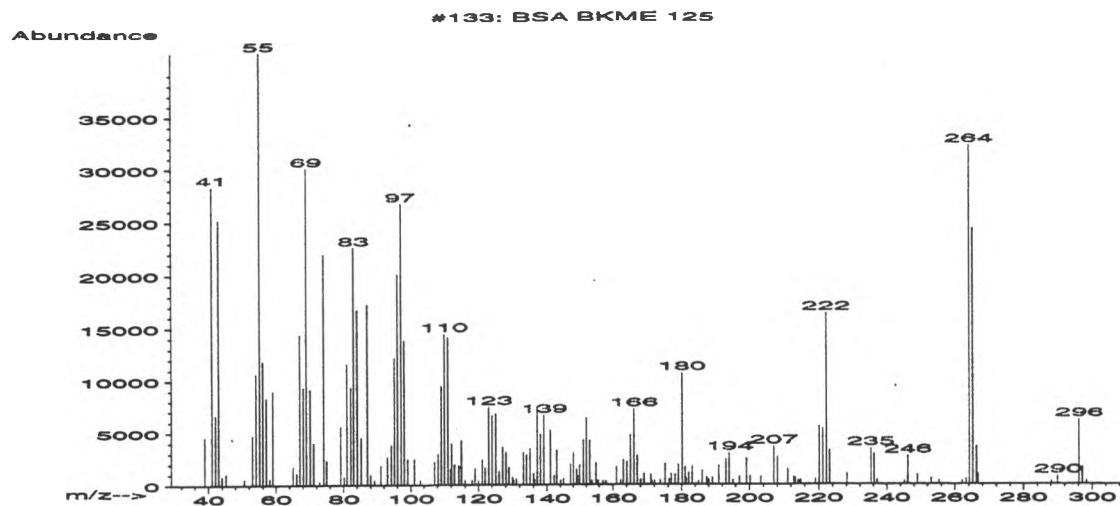
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
179.10	2894	191.00	2529	203.10	904	214.70	468
180.10	10443	192.05	560	205.15	3729	214.95	1652
181.20	2706	193.10	2553	206.10	728	215.20	423
182.05	1207	194.05	1274	207.10	1639	217.10	660
183.00	1151	194.35	530	207.35	1076	218.10	513
183.25	450	195.15	286	208.30	1385	219.10	1094
185.95	593	196.10	177	209.05	1066	220.25	5049
187.00	2950	196.90	230	209.30	1204	221.15	4555
188.05	285	197.25	255	210.00	109	222.20	15769
189.10	1027	201.10	3952	213.15	1926	223.25	2811
190.05	935	202.20	819	214.30	423	227.15	296

#132: BSA BKME 124

Full Spectrum # 132 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
228.05	854	242.05	620	262.75	478	289.15	811
228.80	263	244.95	257	264.25	22688	290.05	1376
231.00	250	246.10	3836	265.20	23288	291.95	1485
232.05	710	247.10	1629	266.25	3166	293.80	267
233.10	5387	249.15	762	267.15	152	294.30	261
234.20	294	252.95	660	267.35	636	296.30	4284
235.15	2891	254.20	832	272.20	324		
236.15	2437	256.20	178	273.05	932		
237.05	533	257.10	2566	273.30	330		
238.70	359	259.05	259	281.10	500		
241.10	972	260.15	283	288.15	1901		

BSA BKME 125



#133: BSA BKME 125

Full Spectrum # 133 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.00	4559	57.05	8303	74.10	21960	88.00	988
41.10	28328	58.15	572	75.00	2316	89.20	443
42.10	6667	59.05	8985	79.10	5599	91.05	1831
43.10	25184	65.05	1730	80.15	802	93.05	2663
44.00	820	66.10	1178	81.05	11574	94.15	3788
45.15	1092	67.05	14344	82.15	9337	95.10	12171
50.65	545	68.10	9342	83.05	22576	96.10	20096
53.05	4697	69.05	30064	84.05	16712	97.10	26696
54.05	10628	70.15	9141	85.15	4494	98.10	13827
55.05	41136	71.15	3984	85.95	73	99.05	2444
56.05	11839	72.90	298	87.05	17216	101.05	2446

#133: BSA BKME 125

Full Spectrum # 133 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
102.90	432	116.05	443	128.10	3106	138.10	4822
107.15	2215	118.15	393	128.95	1658	139.15	6648
108.15	2934	119.00	1553	129.95	713	141.05	5221
109.15	9454	120.05	380	130.25	428	142.20	903
110.05	14428	121.10	2374	131.05	564	143.05	3302
111.15	14117	122.00	1623	133.15	3073	144.15	430
111.90	1545	123.00	7437	134.05	2880	145.00	604
112.15	3935	124.10	6608	135.10	3468	147.05	1967
113.05	1932	125.10	6790	136.10	1100	148.10	3047
114.25	1834	126.05	1300	136.35	518	149.05	1456
115.00	4234	127.10	3598	137.10	7423	149.30	880

#133: BSA BKME 125

Full Spectrum # 133 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
150.05	1907	162.30	453	173.80	432	184.15	124
151.10	4229	163.10	2347	175.20	2003	185.05	337
152.10	6364	164.10	2164	176.30	562	186.10	1365
153.15	4221	165.15	4760	177.00	1028	187.35	719
153.80	411	166.15	7230	178.10	983	187.95	493

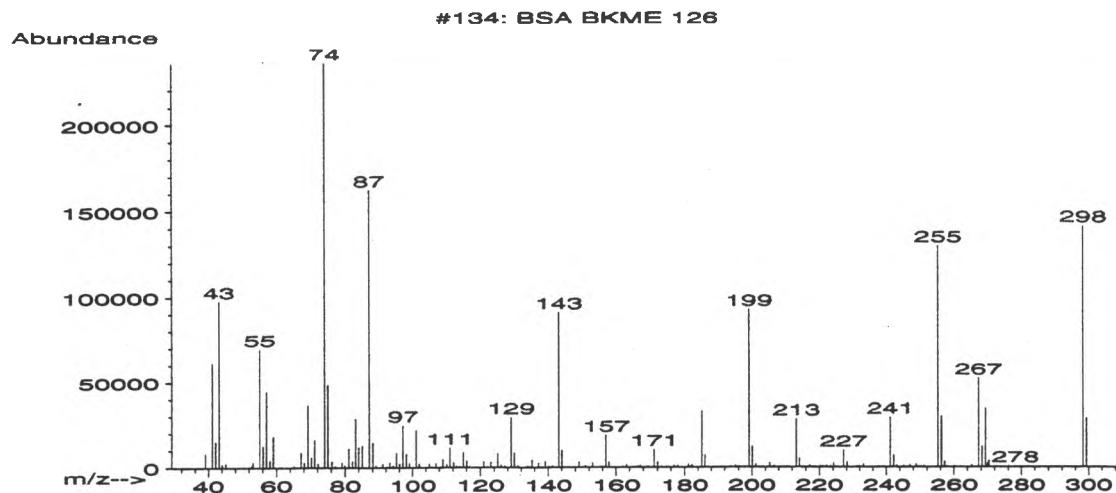
154.20	33	167.15	2775	179.10	1928	189.05	678
155.00	2065	168.10	480	180.15	10687	191.00	1800
155.70	404	169.05	1031	181.05	1693	193.15	2423
157.10	373	171.00	955	181.35	604	194.15	3000
158.00	361	171.30	337	182.05	1144	195.25	432
161.10	1669	172.10	411	183.10	1734	197.15	765

#133: BSA BKME 125

Full Spectrum # 133 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
199.15	2480	217.00	115	246.20	2707	290.00	769
200.15	811	219.00	512	249.05	910	296.25	6156
203.25	759	220.15	5565	253.05	595	297.20	1630
206.15	61	221.20	5341	255.35	338	298.40	354
207.10	3627	222.25	16348	262.15	385		
208.10	2651	223.20	3249	263.25	557		
211.00	1472	228.15	1044	264.25	32144		
212.80	692	235.25	3445	265.25	24296		
213.20	656	236.25	2917	266.30	3615		
214.10	391	237.10	442	266.65	996		
214.70	446	245.25	345	288.20	358		

BSA BKME 126



#134: BSA BKME 126

Full Spectrum # 134 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	8201	57.10	44432	75.05	48400	87.05	162240
41.10	61320	58.15	3874	76.10	3499	88.05	14595
42.10	15181	59.05	18064	77.10	1019	89.05	1137
43.10	97816	65.15	996	78.05	370	91.05	2079
44.05	1935	67.15	8834	79.10	2928	92.40	783
45.10	2204	68.05	2927	79.90	1247	93.10	2734
51.95	619	69.10	36552	81.05	11245	93.90	567
52.75	1019	70.15	5863	82.15	3490	94.15	1157
53.10	3233	71.10	16332	83.10	28640	95.10	8426
55.05	69624	72.15	2153	84.05	11936	96.10	1960
56.15	12687	74.05	235456	85.10	12889	97.05	24712

#134: BSA BKME 126

Full Spectrum # 134 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
98.10	7786	112.15	2862	126.15	1442	141.15	1063
99.05	2493	113.05	976	127.15	850	143.15	91088
100.00	382	114.05	386	129.05	29216	144.10	9809
101.10	21888	115.05	8799	130.05	8372	145.15	208
102.00	2108	116.10	3688	131.05	1151	147.00	102
105.05	2070	117.15	795	134.05	752	149.10	3008
107.05	2335	120.05	134	135.20	4173	151.00	925
108.30	499	121.05	3475	137.10	2374	153.10	2474
109.10	4818	122.15	431	138.05	380	155.40	333
110.20	1633	123.10	2931	139.15	3324	156.10	565
111.10	11520	125.05	8116	140.15	581	157.10	18800

#134: BSA BKME 126

Full Spectrum # 134 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
158.05	2709	177.00	1328	193.95	350	213.20	27928
162.10	372	178.05	917	195.05	833	214.15	4949
163.15	1505	179.15	413	196.15	390	217.10	1162
165.00	372	181.15	1601	197.85	354	219.00	333
166.30	521	181.75	593	199.15	92440	220.30	795

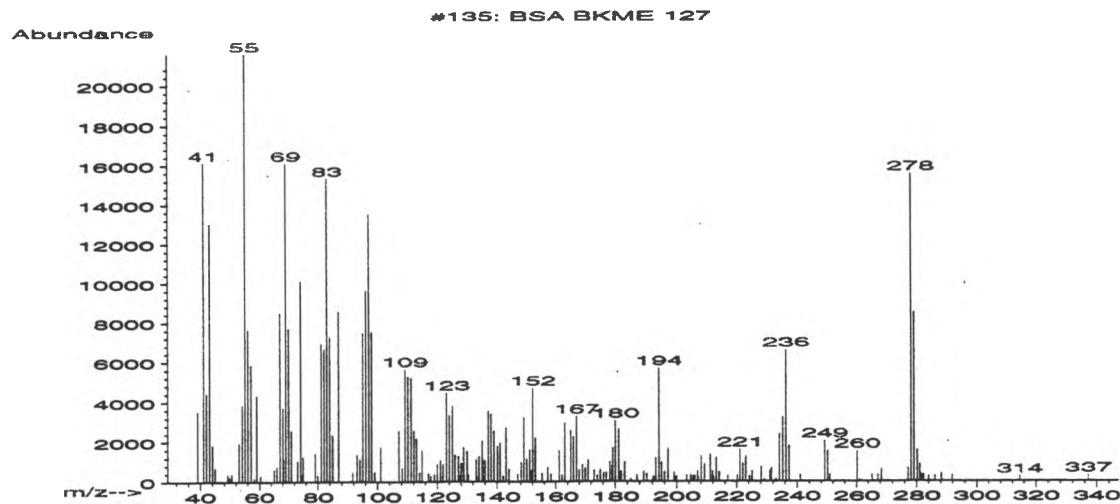
167.15	1170	182.15	1267	200.15	11922	221.20	559
169.20	691	185.15	32816	201.20	1541	222.10	967
171.10	10431	186.10	6941	203.45	351	223.30	649
172.15	2893	187.00	295	205.20	2286	224.25	2130
173.15	219	191.15	340	206.55	780	225.00	394
174.90	426	193.15	79	209.05	64	227.20	9823

#134: BSA BKME 126

Full Spectrum # 134 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
228.20	2772	248.90	1471	269.95	2148		
231.20	345	251.20	703	270.30	3721		
231.90	772	255.25	129288	276.20	717		
233.10	1755	256.25	29512	278.10	404		
238.90	361	257.25	2961	282.35	197		
239.50	380	260.15	617	289.95	377		
241.15	28960	262.25	384	298.30	140736		
242.20	6731	265.15	1101	299.30	28320		
243.15	811	267.25	51936				
245.15	678	268.30	11942				
246.95	1212	269.25	34096				

BSA BKME 127



#135: BSA BKME 127

Full Spectrum # 135 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	3529	55.05	21576	69.10	16095	83.10	15319
41.10	16117	56.05	7639	70.10	7690	84.05	7243
42.10	4403	57.10	5844	71.05	2537	85.05	2345
43.10	13039	58.20	166	73.10	1046	87.00	8544
44.10	1832	59.05	4314	74.10	10101	91.05	44
45.00	698	60.35	285	74.75	339	91.70	475
49.20	372	65.10	621	75.00	1236	93.10	1337
49.80	230	66.05	771	79.10	1417	94.05	1128
50.55	385	67.15	8482	79.95	324	95.05	7472
53.00	1931	68.10	3717	81.15	6899	96.10	9592
54.10	3836	68.35	1168	82.10	6652	97.05	13506

#135: BSA BKME 127

Full Spectrum # 135 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
98.05	7515	115.00	1569	127.20	1282	135.30	1139
99.05	486	117.05	415	127.75	306	136.00	1060
101.05	1738	117.85	272	128.05	938	137.10	3546
107.05	2540	119.05	371	128.80	1721	138.10	3410
108.20	691	120.05	885	129.10	331	139.10	2540
109.10	5627	121.10	1075	130.00	1545	140.25	1784
110.15	5271	122.00	868	130.45	371	141.10	1945
111.15	5205	123.10	4451	133.05	1125	142.05	285
112.15	2582	124.05	3327	133.85	261	143.05	2701
113.05	2170	125.15	3800	134.05	1273	144.05	637
114.05	469	126.05	1340	135.10	2043	147.00	373

#135: BSA BKME 127

Full Spectrum # 135 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
148.20	975	162.10	341	175.10	612	185.10	130
149.10	3205	163.10	2946	176.20	459	187.05	332
150.05	1128	165.10	2561	177.05	487	187.80	7
151.05	1605	166.10	2269	178.00	77	189.20	517
151.50	559	167.15	3268	178.25	1025	190.25	409
152.05	4679	168.05	594	179.00	804	191.90	105
153.00	2196	169.10	858	179.25	1694	192.35	265
155.20	418	170.05	696	180.10	3062	193.15	1174
157.15	740	171.00	1088	181.20	2646	194.15	5664
158.20	370	173.10	582	181.90	541	195.10	968
161.15	1559	174.20	299	183.10	991	196.05	494

#135: BSA BKME 127

Full Spectrum # 135 from F:\BSA_BKME.L

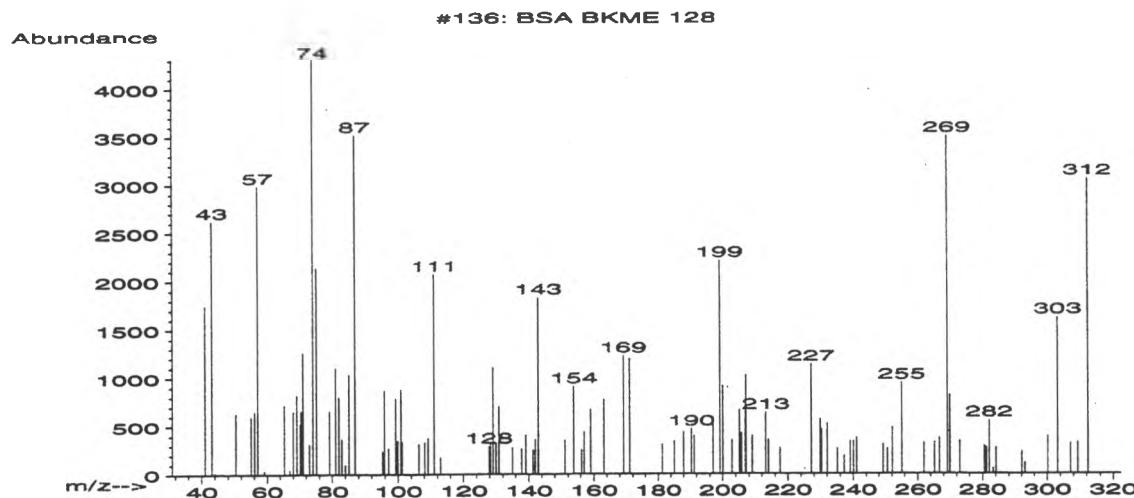
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
197.15	1640	211.05	1357	225.15	535	249.25	2029
199.15	466	211.90	515	228.10	749	250.20	1512
199.85	260	212.20	278	229.15	115	250.95	350
203.25	305	213.05	1197	231.05	526	260.20	1509
204.55	342	214.00	485	231.40	703	261.15	70
205.25	284	217.00	268	233.00	126	265.25	335
205.95	295	220.30	310	234.15	2382	267.15	339
206.85	534	221.15	1599	235.20	3202	268.40	606
207.10	205	222.10	900	236.25	6572	277.25	678
208.10	1285	223.05	1267	237.25	1789	278.20	15525
209.20	884	224.20	272	241.05	318	279.20	8456

#135: BSA BKME 127

Full Spectrum # 135 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
280.20	1569						
281.05	853						
281.50	367						
282.30	348						
284.00	259						
286.00	277						
288.20	396						
291.80	284						
314.45	251						
337.20	305						

BSA BKME 128



#136: BSA BKME 128

Full Spectrum # 136 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
41.10	1752	69.15	818	84.05	97	108.20	335
43.10	2622	70.10	523	85.10	1033	109.10	379
44.05	13	70.35	654	87.00	3516	111.05	2071
50.35	631	71.00	1258	95.25	237	113.00	171
55.05	597	73.00	312	95.85	873	127.75	289
56.10	651	74.05	4305	97.10	270	128.25	329
57.10	2985	75.10	2136	99.25	788	129.10	1107
59.05	37	79.20	659	99.90	350	129.95	326
65.25	718	81.05	1103	100.90	882	130.85	705
66.95	44	82.05	797	101.20	337	134.95	276
68.05	653	82.90	365	106.30	315	137.85	265

#136: BSA BKME 128

Full Spectrum # 136 from F:\BSA_BKME.L

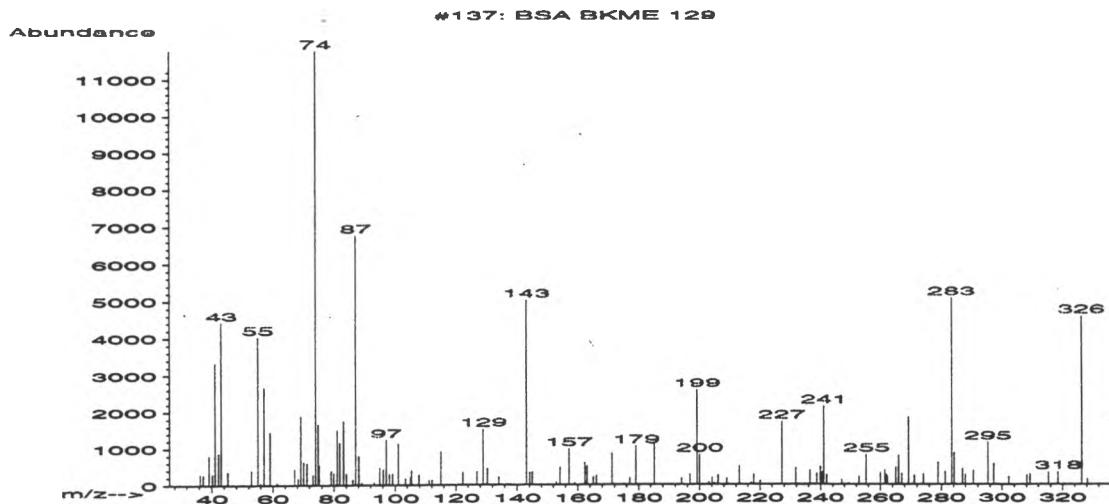
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
139.15	408	171.10	1194	205.15	664	232.10	519
141.25	251	179.20	1	205.80	423	235.10	262
141.95	361	181.35	307	206.95	717	237.25	186
143.00	1828	185.05	338	207.10	1021	239.10	337
151.10	352	188.05	434	209.00	395	240.05	337
153.85	910	190.35	468	213.20	634	241.05	371
156.30	251	191.25	395	214.00	353	249.25	305
157.10	436	197.05	582	217.60	264	250.65	257
159.00	670	199.15	2208	227.15	1134	252.15	479
163.10	770	200.10	916	229.90	567	255.05	944
169.15	1226	202.95	349	230.30	460	261.95	318

#136: BSA BKME 128

Full Spectrum # 136 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
265.25	326	292.15	228				
266.65	371	293.15	112				
269.20	3494	300.20	389				
269.95	812	303.20	1615				
273.00	337	307.15	311				
280.50	289	309.25	322				
280.70	282	312.30	3047				
281.10	268						
281.95	552						
283.20	54						
284.10	270						

BSA BKME 129



#137: BSA BKME 129

Full Spectrum # 137 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.30	287	57.10	2662	75.15	540	93.10	69
37.30	270	59.05	1452	79.05	390	94.95	469
39.05	803	61.30	72	79.95	324	96.05	421
40.20	295	67.10	437	81.10	1498	97.05	1236
41.10	3330	68.25	174	81.95	1155	98.10	294
42.20	866	69.15	1875	83.10	1757	99.15	309
43.10	4423	70.10	624	84.00	305	101.05	1132
45.20	360	71.10	596	86.15	153	103.45	184
52.95	392	73.15	277	87.10	6763	105.10	215
55.05	4029	74.05	11768	88.20	800	105.40	397
56.05	54	74.90	1656	89.15	50	107.80	283

#137: BSA BKME 129

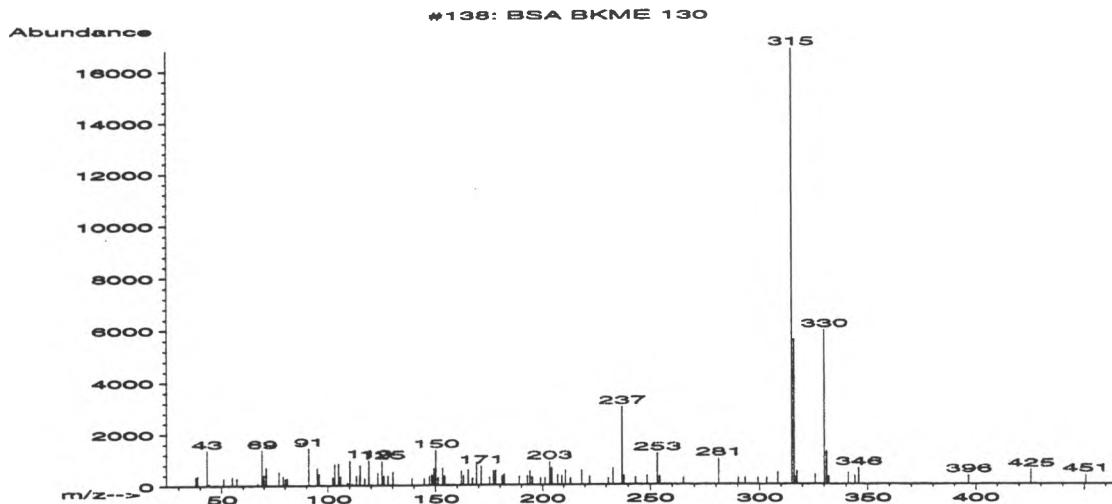
Full Spectrum # 137 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
111.15	131	152.95	84	179.10	1056	213.05	502
112.10	133	154.20	482	185.15	1118	217.15	66
115.05	922	157.10	990	194.10	174	218.00	269
122.25	338	159.05	46	196.85	281	220.10	104
126.95	368	162.30	612	199.15	2588	227.20	1720
128.95	1531	163.05	511	200.05	823	231.80	453
130.25	457	165.05	223	203.05	83	236.40	392
134.05	223	166.10	255	204.10	189	238.80	303
143.10	5009	171.20	859	204.85	37	239.95	485
144.15	342	175.25	24	206.10	261	240.55	336
145.00	345	177.10	187	209.00	174	241.10	2138

#137: BSA BKME 129
Full Spectrum # 137 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
242.05	257	267.05	295	295.25	1155		
247.15	130	269.25	1839	297.20	571		
249.20	39	271.15	249	302.20	215		
252.95	216	274.10	279	308.15	263		
255.25	821	278.90	612	309.25	289		
259.95	320	281.20	361	315.25	330		
261.45	390	283.30	5056	318.45	342		
261.95	265	284.20	865	326.30	4573		
262.30	206	286.90	428	328.25	153		
265.10	469	287.90	269				
266.05	790	290.50	387				

BSA BKME 130



#138: BSA BKME 130

Full Spectrum # 138 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.90	335	77.05	523	109.10	105	127.85	364
38.80	388	79.15	359	110.10	960	130.10	506
43.05	1360	80.15	254	111.15	59	139.05	258
44.05	76	81.05	276	113.15	368	144.80	283
51.05	275	91.10	1435	114.75	346	147.20	351
55.00	343	95.05	659	115.00	786	148.10	416
57.05	279	96.05	443	116.95	263	148.95	376
67.05	96	102.30	312	119.00	975	149.15	661
69.10	1363	103.10	821	123.10	476	150.15	1358
70.10	403	105.00	842	125.10	938	151.20	297
71.05	694	105.90	344	125.95	362	153.30	675

#138: BSA BKME 130

Full Spectrum # 138 from F:\BSA_BKME.L

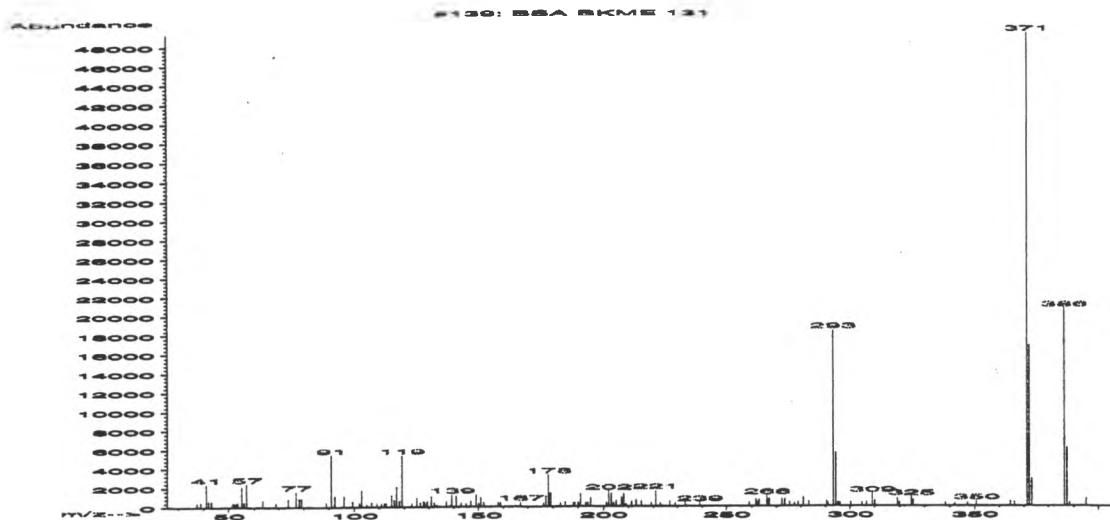
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
154.20	363	180.95	353	207.10	385	248.45	333
161.90	557	181.25	368	209.10	350	253.05	1209
163.00	372	181.95	425	210.90	560	254.15	320
165.10	616	189.00	321	213.30	260	265.05	258
167.10	275	192.85	357	218.60	559	281.20	996
169.05	894	194.05	547	222.20	321	290.30	255
171.20	736	195.15	302	231.10	254	293.40	268
175.10	302	199.05	276	233.10	630	299.30	266
177.00	561	201.15	289	237.10	3017	303.40	252
177.25	492	203.30	904	238.10	346	308.55	479
178.00	577	204.25	658	243.25	278	315.15	16808

#138: BSA BKME 130

Full Spectrum # 138 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
316.10	5597	425.40	559				
317.05	284	450.75	357				
317.45	510						
326.00	373						
330.20	5950						
331.30	1278						
332.05	317						
341.10	445						
344.20	322						
345.90	624						
396.55	341						

BSA BKME 131



#139: BSA BKME 131

Full Spectrum # 139 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.40	433	56.05	480	92.10	348	112.15	344
38.90	484	57.10	2424	92.40	1139	112.85	400
41.05	2377	63.65	692	95.10	105	115.05	1239
42.00	614	68.95	426	96.00	1129	116.05	708
43.10	589	73.85	843	99.40	557	116.90	2089
51.55	368	76.95	1570	102.10	398	118.05	616
51.85	407	78.15	884	103.00	1711	119.10	5363
52.35	378	79.05	877	105.00	227	123.15	363
53.15	385	83.05	47	107.05	449	125.15	960
53.55	486	89.00	460	109.05	327	126.55	415
55.10	2139	91.00	5410	111.00	362	127.95	604

#139: BSA BKME 131

Full Spectrum # 139 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
128.25	499	145.10	334	177.05	1088	193.85	405
128.95	118	147.00	616	178.05	3304	195.00	904
129.35	558	149.05	1226	178.65	711	201.15	418
131.05	1086	150.10	371	178.95	1434	202.10	1581
132.15	380	151.05	958	183.05	397	203.15	1334
133.15	164	152.20	406	184.95	527	204.05	379
137.05	568	158.00	419	188.15	433	205.05	613
138.90	136	158.90	412	188.85	410	207.10	972
139.25	1237	165.15	114	190.15	453	208.05	1351
141.05	1128	167.05	467	191.00	1312	209.00	258
142.95	402	176.10	352	193.10	374	211.20	553

#139: BSA BKME 131

Full Spectrum # 139 from F:\BSA_BKME.L

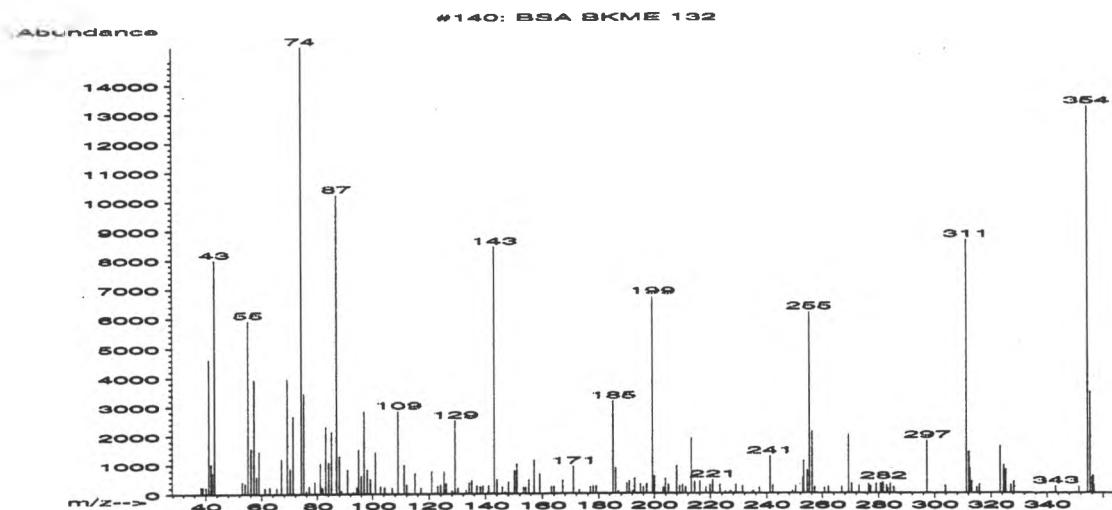
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
213.10	690	261.75	725	280.95	922	309.15	1289
215.10	602	262.15	305	283.10	516	310.15	586
217.00	46	262.45	484	290.50	568	319.15	820
219.10	373	263.05	676	291.05	380	319.95	410
221.10	1637	266.15	1085	293.20	18392	324.75	951
222.90	336	267.05	806	294.25	5591	325.45	629
226.90	560	272.20	749	295.20	422	338.30	402
229.10	369	273.40	713	295.95	372	342.00	334
233.05	438	275.30	448	300.30	412	347.00	384
239.10	378	277.30	360	304.95	411	350.60	519
259.05	421	278.90	471	306.75	440	364.40	558

#139: BSA BKME 131

Full Spectrum # 139 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
366.20	455						
371.25	49272						
372.25	16792						
373.25	2871						
386.25	20664						
387.30	6091						
388.35	372						
395.05	790						

BSA BKME 132



#140: BSA BKME 132

Full Spectrum # 140 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.30	240	57.10	3925	75.05	3445	88.05	1294
39.00	245	58.00	589	76.00	92	88.85	103
40.10	221	59.00	1455	77.05	261	91.00	828
41.10	4625	61.15	206	79.10	411	93.05	80
41.95	1032	62.85	236	81.15	1043	94.30	231
42.30	726	65.25	212	81.85	216	95.05	1524
43.10	7994	67.05	1201	82.10	202	96.00	613
52.95	413	69.10	3946	83.05	2309	96.95	2832
54.05	357	70.05	862	84.10	1077	98.15	834
55.05	5918	71.10	2666	85.15	2135	99.20	518
56.10	1556	74.10	15319	87.05	10222	101.05	1423

#140: BSA BKME 132

Full Spectrum # 140 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
102.80	252	124.05	318	139.05	276	154.10	223
104.40	230	125.15	778	140.85	102	155.20	486
107.00	204	125.95	355	141.15	277	157.05	1158
109.10	2851	128.00	112	143.10	8444	159.10	677
111.10	992	129.05	2529	144.10	494	163.10	252
112.10	331	130.05	202	146.00	244	164.00	253
115.00	697	133.10	133	147.00	64	167.05	464
117.15	207	134.15	388	148.10	403	171.00	934
120.90	775	135.05	469	150.25	801	173.05	134
122.10	45	136.85	270	150.95	1029	177.00	227
123.00	265	138.15	245	153.30	225	178.05	268

#140: BSA BKME 132

Full Spectrum # 140 from F:\BSA_BKME.L

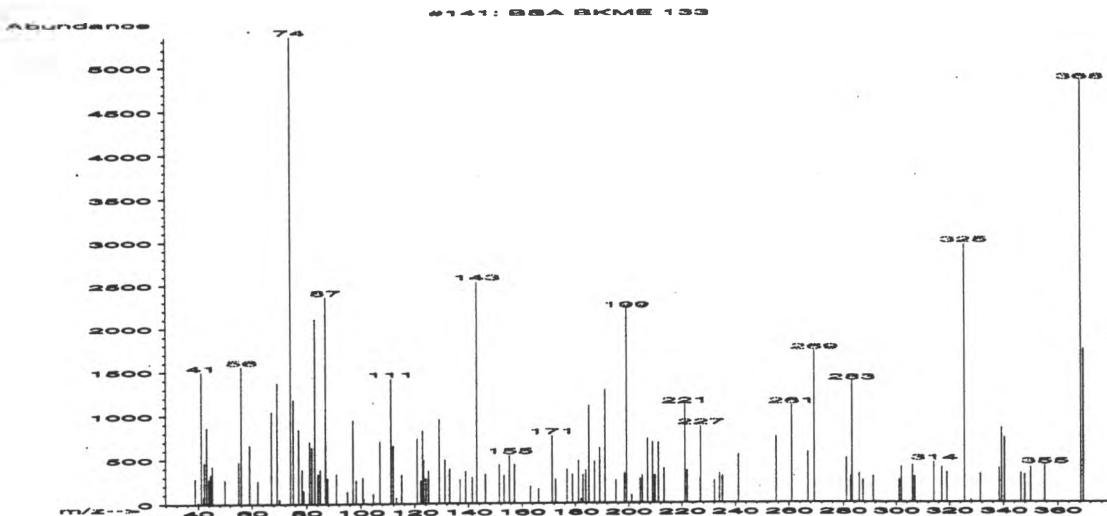
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
179.05	252	199.25	6706	216.20	441	241.10	1279
185.10	3184	200.00	588	218.40	206	242.15	274
186.10	881	203.05	206	219.80	288	249.10	92
187.00	88	203.85	504	220.70	467	250.25	254
190.05	359	205.05	295	223.25	294	252.85	532
191.00	430	208.05	944	225.20	69	253.15	1113
192.30	84	209.00	267	227.05	77	254.40	793
193.00	519	210.10	297	228.90	281	255.25	6194
195.00	319	211.10	218	231.30	252	256.25	2130
196.05	217	213.20	1895	235.10	85	257.15	213
197.15	343	214.30	409	237.30	203	260.70	184

#140: BSA BKME 132

Full Spectrum # 140 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
262.15	233	282.90	267	315.95	301	356.40	588
266.85	223	283.25	169	323.30	1615	356.70	283
269.30	2004	284.20	325	324.50	959		
270.35	330	285.40	213	325.20	800		
273.00	252	297.25	1801	327.15	291		
276.50	319	303.85	255	328.15	402		
277.20	240	311.30	8650	343.00	231		
279.15	334	312.20	1420	351.30	210		
280.70	326	312.45	849	354.35	13232		
281.00	325	313.15	404	355.35	3475		
281.70	399	314.95	203	356.10	553		

BSA BKME 133



#141: BSA BKME 133

Full Spectrum # 141 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.80	285	56.05	1558	81.15	701	100.70	291
40.05	20	59.00	664	81.90	634	101.05	55
41.10	1495	62.15	256	83.05	2107	104.60	108
41.95	74	67.10	1042	84.20	333	107.05	705
42.30	463	69.10	1372	85.05	379	111.10	1414
43.10	864	70.10	49	87.00	2359	111.90	656
44.00	279	74.10	5346	87.70	290	113.05	66
44.60	328	75.10	1179	90.95	333	115.00	322
45.10	422	77.00	837	95.05	130	120.90	738
49.95	266	78.35	385	97.05	942	122.15	260
55.05	472	78.95	141	98.30	260	122.90	826

#141: BSA BKME 133

Full Spectrum # 141 from F:\BSA_BKME.L

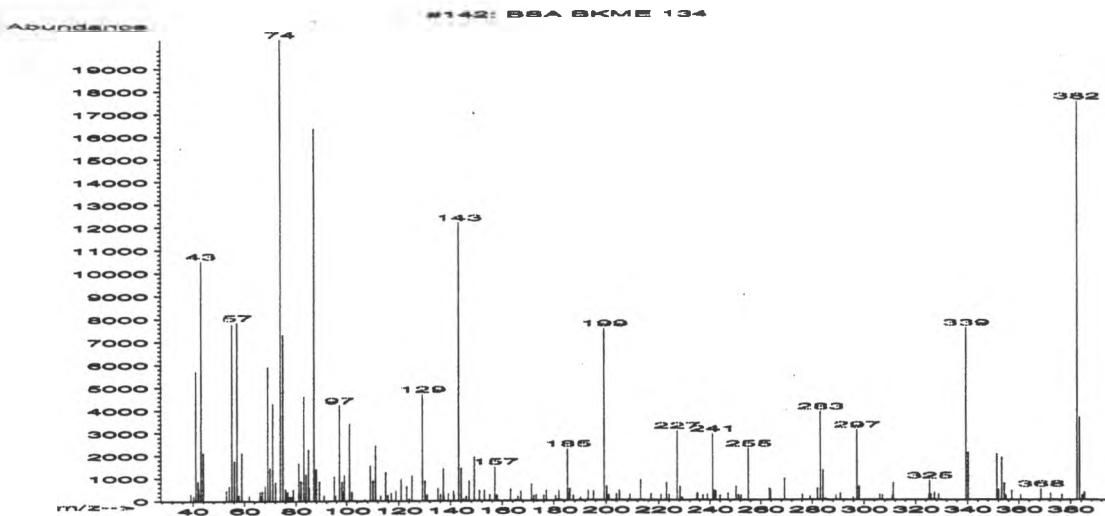
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
123.25	489	151.40	436	182.10	45	204.25	275
124.05	285	153.20	315	182.85	314	205.05	306
125.05	366	155.30	540	183.95	368	207.10	729
129.15	954	157.10	432	185.10	1103	209.00	684
131.25	492	163.10	191	187.15	470	209.80	309
133.00	388	166.15	161	189.05	622	211.15	680
136.85	266	171.20	762	191.10	1284	213.30	384
138.85	358	172.50	268	195.10	258	221.15	1104
141.35	292	176.85	375	198.35	337	222.00	362
143.10	2533	178.85	323	199.15	2211	226.80	268
146.30	327	181.15	479	201.05	88	227.05	865

#141: BSA BKME 133

Full Spectrum # 141 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
232.10	252	285.90	328	327.90	29		
234.00	334	287.30	251	331.35	322		
235.10	301	291.20	292	338.30	379		
241.15	547	301.00	259	339.30	843		
255.20	748	301.90	398	340.30	729		
261.05	1099	306.15	417	346.40	330		
266.95	571	307.05	289	347.90	309		
269.30	1719	314.15	452	350.00	391		
281.05	505	317.15	390	355.20	412		
282.70	293	319.05	338	368.35	4810		
283.15	1367	325.35	2955	369.30	1740		

BSA BKME 134



#142: BSA BKME 134

Full Spectrum # 142 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	333	57.10	7838	72.10	835	84.00	1169
40.20	216	57.85	255	74.05	20288	84.95	2273
41.10	5711	59.00	2119	75.05	7302	85.20	599
42.05	875	61.95	233	76.05	519	87.05	16328
42.30	547	66.15	406	76.80	406	87.95	1400
43.10	10531	66.45	209	77.65	210	89.20	869
44.05	2106	67.05	446	78.55	206	91.10	256
53.05	459	68.15	670	79.00	520	95.05	1073
54.15	653	69.10	5908	81.10	1662	95.60	233
55.10	7765	69.95	1455	81.95	879	97.10	4218
56.10	1763	71.10	4304	83.05	4618	98.10	839

#142: BSA BKME 134

Full Spectrum # 142 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
98.50	413	117.05	352	137.05	1431	151.10	455
99.15	1138	118.90	444	137.35	230	153.00	455
101.05	3404	121.00	968	139.15	324	155.05	265
102.10	394	123.10	655	141.05	425	157.10	1505
107.00	78	124.10	97	141.35	276	158.00	258
109.15	1555	125.10	1115	143.10	12183	160.80	31
110.15	893	129.05	4700	144.05	1444	163.10	519
111.10	2441	130.10	882	145.00	79	165.05	72
113.05	225	130.95	269	146.00	209	166.00	207
115.00	1266	135.15	553	147.05	876	167.10	432
115.85	259	136.05	303	149.10	1936	171.20	731

#142: BSA BKME 134

Full Spectrum # 142 from F:\BSA_BKME.L

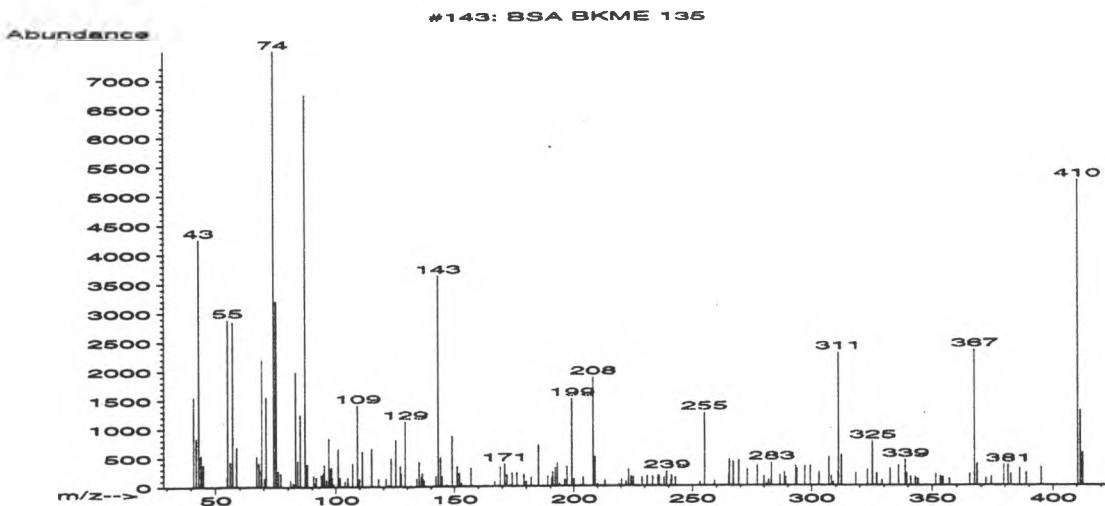
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
172.10	229	190.20	136	213.15	902	239.10	260
173.10	270	193.05	429	217.05	283	241.15	2924
175.90	244	195.25	415	220.95	241	241.95	430
177.00	448	199.20	7549	223.05	771	242.25	390
180.75	225	200.15	631	224.00	238	244.05	210
181.15	44	201.05	244	227.20	3069	247.15	307
181.95	446	203.95	277	228.25	594	250.35	591
183.10	34	205.05	430	229.15	137	251.35	234
185.15	2276	208.05	23	234.80	335	252.25	214
186.05	514	209.05	263	235.20	302	255.20	2271
187.45	223	211.10	7	237.30	225	263.30	507

#142: BSA BKME 134

Full Spectrum # 142 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
263.75	458	297.30	3096	328.85	255	372.25	301
269.25	959	298.20	615	339.35	7574	376.65	247
276.20	238	306.15	252	340.30	2099	382.40	17464
279.15	155	307.15	223	351.35	2014	383.40	3642
282.05	509	310.85	212	352.10	467	384.35	217
283.20	3904	311.25	770	353.35	1878	384.65	206
284.20	1327	325.15	223	354.35	734	385.25	341
285.15	72	325.45	858	355.05	202		
289.20	212	325.95	263	357.20	433		
290.90	295	326.35	62	360.80	226		
295.95	127	327.30	330	368.45	484		

BSA BKME 135



#143: BSA BKME 135

Full Spectrum # 143 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
41.05	1552	68.00	407	83.05	1980	95.10	375
42.15	833	68.85	285	84.05	440	96.05	116
43.15	4258	69.10	2202	85.10	1239	97.10	831
44.10	538	70.35	143	87.10	6738	97.80	307
45.00	372	71.05	1549	87.80	369	98.10	325
54.75	158	74.10	7498	88.05	382	98.40	153
55.05	2886	75.05	3206	90.80	185	99.05	41
56.10	427	75.95	271	91.10	59	101.05	646
57.10	2846	77.10	224	91.85	160	101.90	146
58.75	680	81.10	110	94.00	196	103.90	86
67.00	525	82.10	65	94.80	239	105.05	154

#143: BSA BKME 135

Full Spectrum # 143 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
107.05	402	127.35	225	144.15	495	172.00	192
109.10	1404	129.10	1120	144.75	166	173.10	20
109.90	127	134.00	135	146.80	25	174.10	233
111.15	599	135.00	423	149.00	867	176.10	231
115.05	652	135.85	163	151.15	343	179.05	203
118.00	132	136.35	231	152.10	227	180.05	80
121.05	135	136.75	123	152.95	50	182.05	148
122.15	32	137.10	91	157.00	307	183.05	12
123.05	486	141.15	3	166.90	75	184.90	706
125.10	808	142.00	178	169.15	330	185.15	699
126.95	348	143.10	3631	171.00	385	188.95	173

#143: BSA BKME 135

Full Spectrum # 143 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
190.55	146	208.15	1880	228.90	148	255.10	1259
191.00	242	209.00	503	231.10	170	259.25	76
192.05	319	210.00	30	233.40	166	265.05	200
193.05	396	213.05	97	235.60	175	265.40	447
194.05	44	219.15	30	236.20	180	267.00	406
196.20	116	220.15	111	238.10	145	269.25	433
197.20	335	221.10	2	239.30	249	272.90	273
199.10	1510	222.10	78	240.95	100	277.10	346
200.10	122	223.15	284	241.25	181	280.00	158
202.95	24	224.20	166	242.85	146	281.00	37
203.95	147	225.10	155	253.00	63	281.95	96

#143: BSA BKME 135

Full Spectrum # 143 from F:\BSA_BKME.L

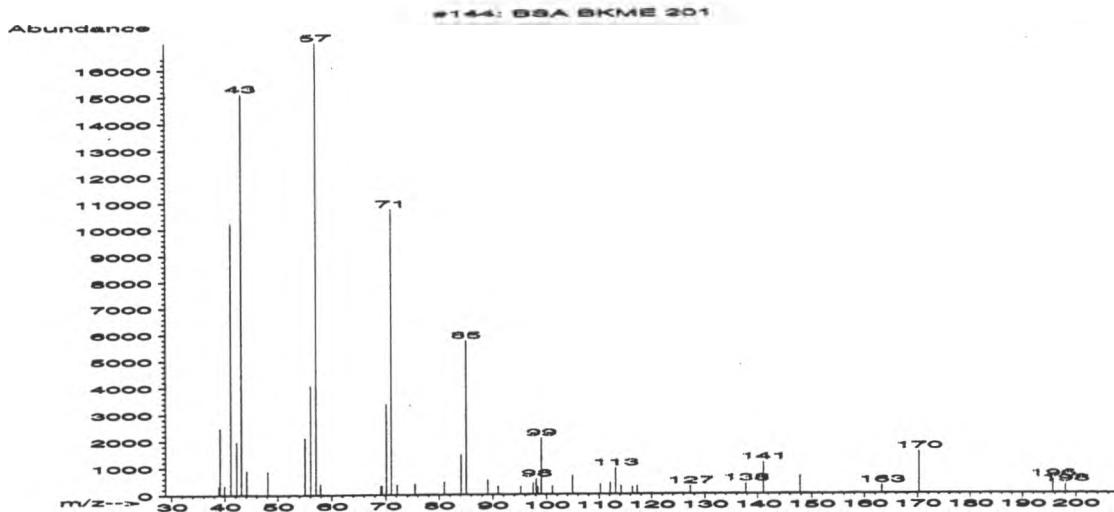
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
283.10	393	309.10	61	338.80	440	367.35	2343
286.70	177	310.90	232	339.50	204	368.40	367
288.60	225	311.15	2298	341.05	146	372.00	120
289.10	141	312.35	528	343.00	144	374.15	151
293.20	339	318.35	211	344.00	111	379.45	360
293.80	288	323.25	272	351.40	185	381.30	351
297.15	338	325.30	757	353.30	167	382.45	191
299.40	344	327.05	204	354.05	131	386.15	291
303.00	221	329.20	86	354.30	143	388.85	217
307.15	489	332.55	284	357.05	117	395.05	309
308.25	165	336.00	340	365.30	198	410.35	5230

#143: BSA BKME 135

Full Spectrum # 143 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
411.50	1292						
412.40	555						

BSA BKME 201

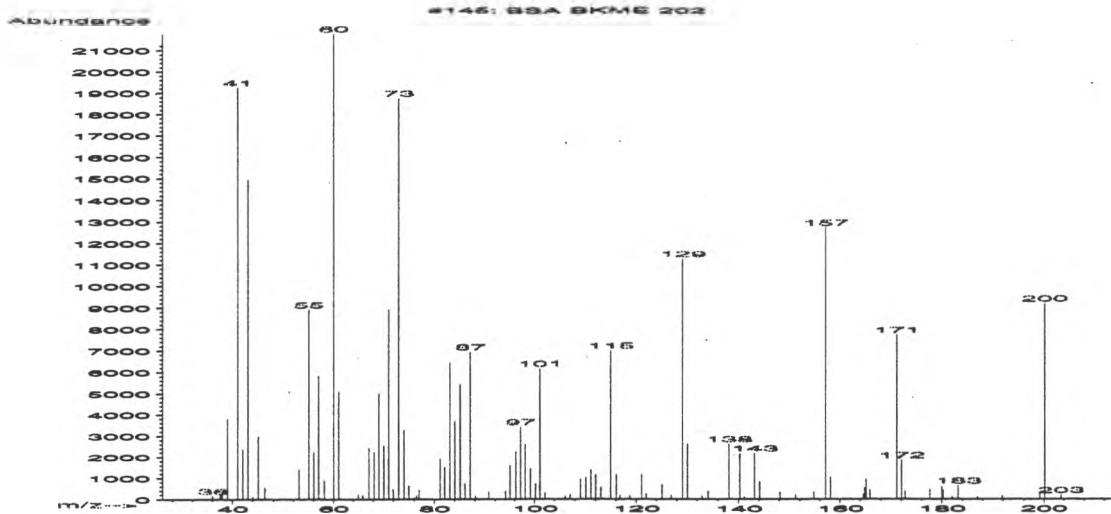


#144: BSA BKME 201

Full Spectrum # 144 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.80	322	57.95	388	91.00	300	114.15	296
39.10	2481	69.10	342	95.20	300	116.35	267
39.95	332	69.35	327	97.50	414	117.25	300
41.10	10197	70.10	3379	98.10	574	127.25	283
42.15	1955	71.05	10742	98.40	276	137.75	380
43.10	15105	72.15	370	99.05	2089	141.10	1157
44.05	885	75.45	394	101.10	302	147.80	662
48.10	859	80.95	464	105.00	684	163.30	292
55.05	2118	84.15	1482	110.20	360	170.25	1540
56.05	4065	85.10	5754	112.10	416	195.65	494
57.10	17000	89.10	539	113.10	956	198.05	313

BSA BKME 202



#145: BSA BKME 202

Full Spectrum # 145 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	160	55.05	8904	69.10	5005	82.05	1508
37.50	219	56.10	2203	70.15	2529	83.05	6446
37.90	362	57.05	5825	71.10	8919	84.05	3682
39.05	3804	58.15	892	71.95	473	85.10	5428
41.05	19248	60.05	21776	73.05	18752	86.05	747
42.05	2375	61.05	5083	74.05	3271	87.05	6940
43.10	14954	61.95	3	75.00	626	88.05	152
44.05	123	65.00	214	76.05	69	90.70	336
45.05	2979	65.85	196	76.55	163	94.10	393
46.35	530	67.10	2433	77.05	424	95.00	1604
53.10	1413	68.15	2222	81.15	1921	96.15	2247

#145: BSA BKME 202

Full Spectrum # 145 from F:\BSA_BKME.L

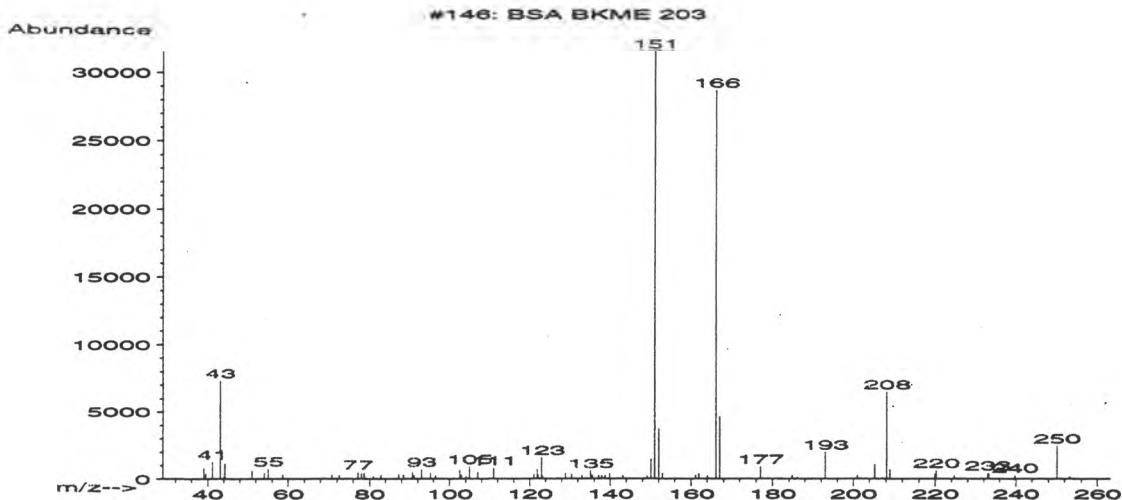
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
97.10	3422	112.10	1164	130.05	2611	157.10	12749
98.10	2591	113.10	572	132.85	147	158.05	1057
99.15	1444	115.00	7001	134.10	388	164.10	10
100.15	740	116.05	1147	138.10	2623	164.55	232
101.05	6177	116.85	183	140.25	2164	164.80	530
102.05	296	118.75	157	141.15	106	165.10	956
106.10	145	121.05	1165	143.10	2176	165.85	427
107.10	206	121.95	253	144.15	838	171.15	7744
109.10	945	125.05	693	148.10	344	172.10	1858
110.15	1031	126.85	186	151.20	219	172.80	366
111.15	1395	129.10	11275	154.80	334	177.65	477

#145: BSA BKME 202

Full Spectrum # 145 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
180.00	589						
180.25	417						
182.05	114						
183.15	657						
186.95	110						
191.85	167						
199.20	329						
200.15	9216						
203.35	202						

BSA BKME 203



#146: BSA BKME 203

Full Spectrum # 146 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.95	790	70.85	323	93.00	711	121.15	333
39.50	396	72.55	293	95.20	449	121.90	710
41.10	1249	77.15	492	96.60	258	122.15	295
43.10	7309	78.05	421	98.20	66	123.00	1578
43.95	156	78.65	439	99.15	44	123.30	196
44.20	1125	81.00	206	102.60	650	128.95	413
51.00	616	82.90	330	103.00	298	130.45	348
54.05	446	87.30	351	104.10	209	133.05	283
55.05	726	88.50	305	105.00	905	135.15	605
58.75	317	90.70	519	107.05	488	135.55	271
69.05	74	91.10	283	111.00	807	137.15	275

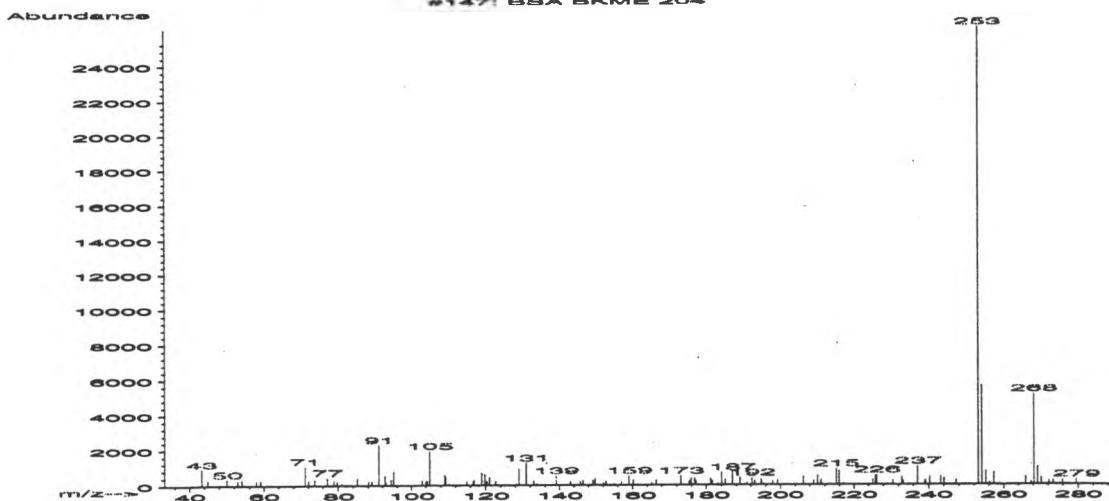
#146: BSA BKME 203

Full Spectrum # 146 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
137.95	251	161.90	388	208.15	6459		
138.75	251	164.10	262	209.00	668		
139.85	385	166.10	28648	219.80	362		
142.05	73	167.10	4625	220.20	621		
143.15	285	177.05	915	224.70	262		
149.15	227	184.85	270	233.00	417		
150.10	1494	186.10	123	233.30	397		
151.00	31552	193.00	1982	239.80	261		
152.05	3724	200.95	281	250.10	2427		
153.00	426	205.25	1048	253.15	171		
161.10	291	207.05	86				

BSA BKME 204

#147: BSA BKME 204



#147: BSA BKME 204

Full Spectrum # 147 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
43.25	918	78.85	272	103.00	262	119.85	615
44.90	290	79.75	217	104.00	207	120.35	217
50.05	333	81.05	81	104.30	235	121.05	432
52.95	244	85.05	386	105.00	1935	122.75	218
54.05	298	88.10	224	109.05	565	128.15	62
57.95	232	89.10	215	109.30	488	128.95	899
59.05	265	91.00	2284	110.05	38	130.95	1248
71.10	1056	92.70	523	115.05	219	132.95	212
72.05	247	93.00	166	116.65	208	133.80	87
73.75	325	94.40	316	116.95	281	139.05	510
77.10	421	95.10	790	119.00	691	143.05	187

#147: BSA BKME 204

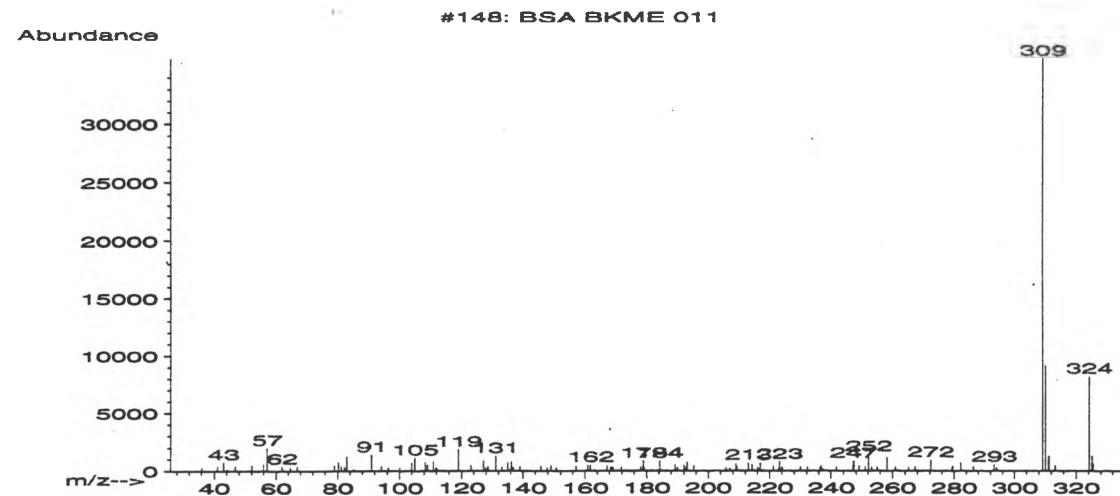
Full Spectrum # 147 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
145.70	211	166.40	267	187.00	692	210.10	505
146.50	257	173.10	505	189.05	407	211.05	261
149.20	261	175.40	218	190.90	113	215.20	897
149.80	373	175.90	372	192.25	388	215.95	777
152.10	104	176.85	367	193.05	208	217.05	71
152.80	214	177.20	205	194.75	299	221.15	25
154.95	66	181.15	332	195.15	69	225.10	283
157.00	162	181.65	218	197.95	202	225.80	489
159.05	506	183.10	87	199.20	249	226.20	539
160.20	272	184.10	682	206.25	453	230.50	226
165.20	132	185.10	289	209.00	235	232.90	437

#147: BSA BKME 204
Full Spectrum # 147 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
233.20	211	256.20	105				
237.15	1037	257.35	687				
238.90	218	265.95	438				
239.20	226	267.50	154				
240.25	429	268.20	5155				
243.15	456	269.20	996				
244.05	367	270.15	376				
247.25	243	272.20	214				
253.15	26056	273.35	240				
254.10	5628	275.90	245				
255.20	758	279.50	281				

BSA BKME 011



#148: BSA BKME 011

Full Spectrum # 148 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	291	69.05	6	100.10	285	125.15	27
41.05	372	79.00	465	104.00	695	127.15	888
43.05	731	80.25	729	105.10	1120	127.85	255
44.10	116	81.15	346	107.00	89	128.65	342
46.80	376	82.30	296	108.25	734	131.15	1278
52.05	474	83.05	1213	109.05	490	133.15	302
55.95	566	85.10	141	111.05	796	135.05	674
57.10	1965	90.95	1395	111.90	264	135.65	90
61.95	360	94.20	372	112.20	149	136.25	758
64.65	268	95.10	39	119.00	1837	136.85	276
66.95	343	96.40	282	123.05	453	138.05	6

#148: BSA BKME 011

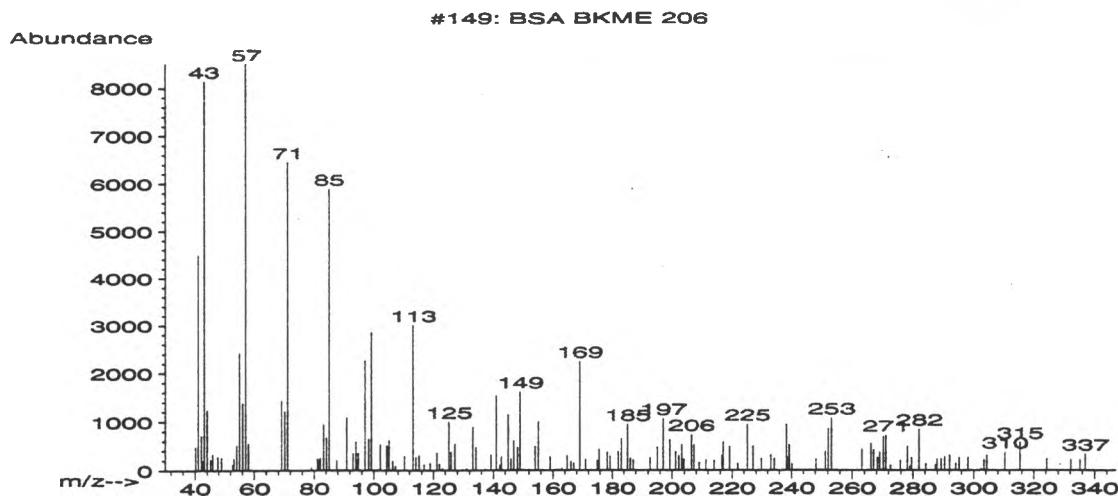
Full Spectrum # 148 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
139.10	343	168.50	334	192.75	286	221.10	372
145.80	371	169.10	277	193.05	737	223.05	182
147.80	256	171.80	296	195.25	413	223.25	768
149.05	436	173.15	36	205.75	265	224.10	290
150.70	259	178.15	299	207.05	211	230.00	326
157.10	375	178.90	848	209.00	584	232.20	295
160.90	481	179.15	260	209.30	324	236.30	291
161.80	498	184.15	840	213.00	670	236.75	430
163.00	121	189.20	534	214.20	506	237.25	140
167.00	75	189.95	266	216.10	275	241.75	312
167.20	449	192.05	472	216.95	672	247.05	409

#148: BSA BKME 011
Full Spectrum # 148 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
247.30	837	279.20	271	325.15	1263		
248.95	412	279.50	428	325.45	605		
251.15	318	282.20	686				
252.20	1434	286.35	346				
253.15	298	293.20	524				
254.95	295	294.10	270				
258.20	1166	309.25	35600				
260.95	289	310.25	9122				
265.05	295	311.20	1275				
267.25	316	313.25	449				
272.35	922	324.20	8164				

BSA BKME 206



#149: BSA BKME 206

Full Spectrum # 149 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
40.20	477	53.10	233	81.60	222	97.05	2261
41.05	4481	54.10	512	82.10	249	98.25	647
42.10	712	55.05	2414	83.10	938	99.10	2848
42.40	204	56.10	1371	84.15	669	102.10	532
43.05	8135	57.10	8504	85.05	5888	104.25	514
44.05	1239	58.05	546	87.60.	203	104.95	619
45.20	222	69.10	1427	91.00	1080	106.25	189
45.90	329	70.15	1213	93.10	348	107.10	81
47.65	277	71.15	6450	94.05	590	110.10	291
49.00	258	79.10	55	94.40	214	113.10	3007
52.75	114	81.15	235	94.80	355	114.15	262

#149: BSA BKME 206

Full Spectrum # 149 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
115.15	305	134.20	470	152.00	16	175.60	430
116.95	113	137.15	26	154.10	499	178.35	371
118.95	146	139.20	318	155.20	992	179.25	290
121.15	362	141.05	1524	159.05	269	182.05	382
122.05	125	142.20	101	163.05	41	183.15	642
123.10	35	142.75	277	164.80	305	185.15	938
125.15	999	145.00	1140	166.05	183	186.15	251
125.95	380	145.90	238	167.10	151	187.05	210
127.15	545	146.95	606	169.10	2245	192.65	253
131.05	43	148.20	472	171.00	221	195.10	480
133.05	893	149.05	1609	175.00	203	197.05	1056

#149: BSA BKME 206

Full Spectrum # 149 from F:\BSA_BKME.L

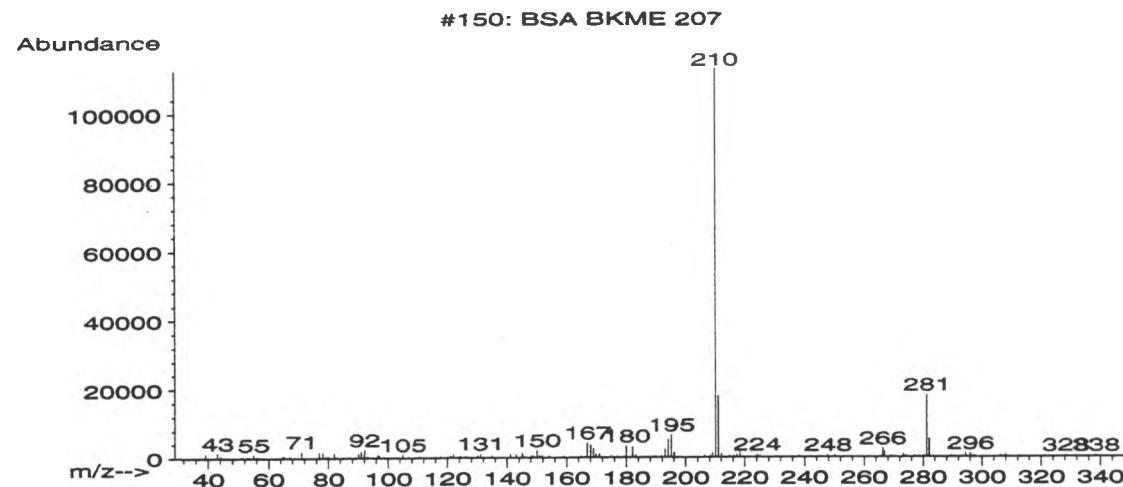
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
199.20	628	214.00	203	238.70	263	269.05	372
201.10	374	216.60	302	239.25	527	270.30	695
202.25	298	217.00	588	240.15	126	271.15	713
203.15	528	219.10	490	248.15	224	272.60	98
203.85	220	221.95	132	251.15	391	275.80	201
205.15	20	225.15	943	252.15	855	278.20	494
206.35	728	227.10	507	253.20	1070	279.05	82
207.20	523	229.90	233	263.20	433	279.60	256
209.00	152	233.10	313	266.15	548	282.10	841
211.20	209	234.30	234	267.05	415	284.15	126
213.20	3	238.30	942	268.35	263	287.45	111

#149: BSA BKME 206

Full Spectrum # 149 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
287.90	229	315.35	577				
289.30	232	324.25	235				
290.50	278	332.15	222				
292.10	306	335.15	218				
294.15	150	336.90	336				
295.20	254						
298.10	262						
302.40	29						
303.40	216						
304.35	308						
310.35	371						

BSA BKME 207



#150: BSA BKME 207

Full Spectrum # 150 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	1096	67.15	386	92.05	2388	122.05	1044
43.05	1490	71.10	1923	93.20	465	124.25	526
44.05	662	77.00	1656	95.90	223	125.05	42
51.05	431	78.10	1521	96.60	1070	126.15	397
53.15	519	79.25	437	97.10	526	130.15	637
55.00	1099	80.05	371	104.95	925	131.10	1154
56.05	335	82.05	1376	107.00	350	134.95	626
57.00	88	85.15	288	110.70	342	141.10	1072
64.55	410	87.10	368	117.00	27	143.05	885
64.95	472	90.15	1327	117.95	418	145.05	1357
65.25	530	91.05	1873	121.10	541	145.30	480

#150: BSA BKME 207

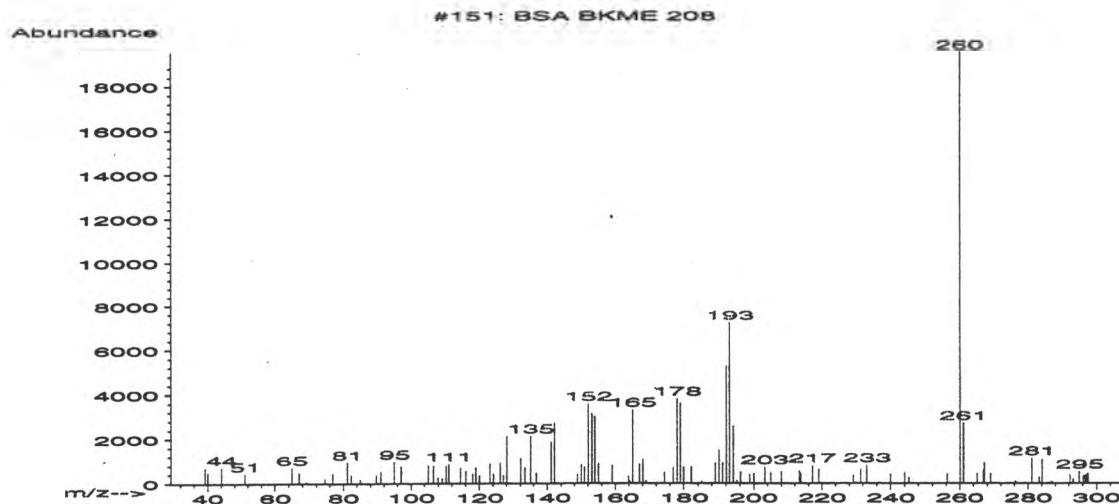
Full Spectrum # 150 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
148.30	572	167.05	4246	183.15	552	210.10	112480
149.05	365	168.10	3628	188.90	322	211.10	17744
150.05	2076	169.10	2656	189.75	425	212.10	919
150.30	344	170.00	958	191.85	471	214.80	489
151.00	499	171.05	1082	193.00	2304	216.20	405
151.80	468	175.00	360	194.10	5135	217.30	785
154.10	447	177.00	338	195.15	6539	218.40	1434
159.10	496	177.85	16	196.10	1305	224.10	738
162.15	184	179.20	367	206.25	484	225.10	412
164.95	490	180.05	3300	208.15	515	231.10	167
166.30	414	182.10	3129	209.00	1206	237.10	9

#150: BSA BKME 207
Full Spectrum # 150 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
238.10	358	280.20	442	338.50	380		
247.75	515	281.25	17992				
250.25	470	282.15	5219				
265.95	401	289.30	363				
266.30	2529	294.40	1154				
266.90	1507	296.05	948				
269.25	383	297.40	346				
273.35	869	306.15	380				
274.20	418	307.95	813				
277.10	451	312.45	335				
278.80	346	328.25	355				

BSA BKME 208



#151: BSA BKME 208

Full Spectrum # 151 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.20	698	82.30	379	111.10	873	132.10	1129
40.00	490	85.05	170	114.55	688	133.45	713
42.10	7	89.70	379	116.15	552	135.10	2128
44.10	730	91.10	527	118.05	432	136.85	457
51.05	442	95.05	975	119.00	703	141.15	1859
64.95	717	97.05	770	120.05	339	142.10	2726
67.05	481	105.05	823	123.10	882	148.90	402
69.15	70	106.60	790	124.15	428	150.00	843
74.60	211	107.95	272	126.05	909	150.95	728
76.85	467	109.15	207	127.05	353	152.10	3571
81.15	945	110.25	778	128.05	2127	153.10	3125

#151: BSA BKME 208

Full Spectrum # 151 from F:\BSA_BKME.L

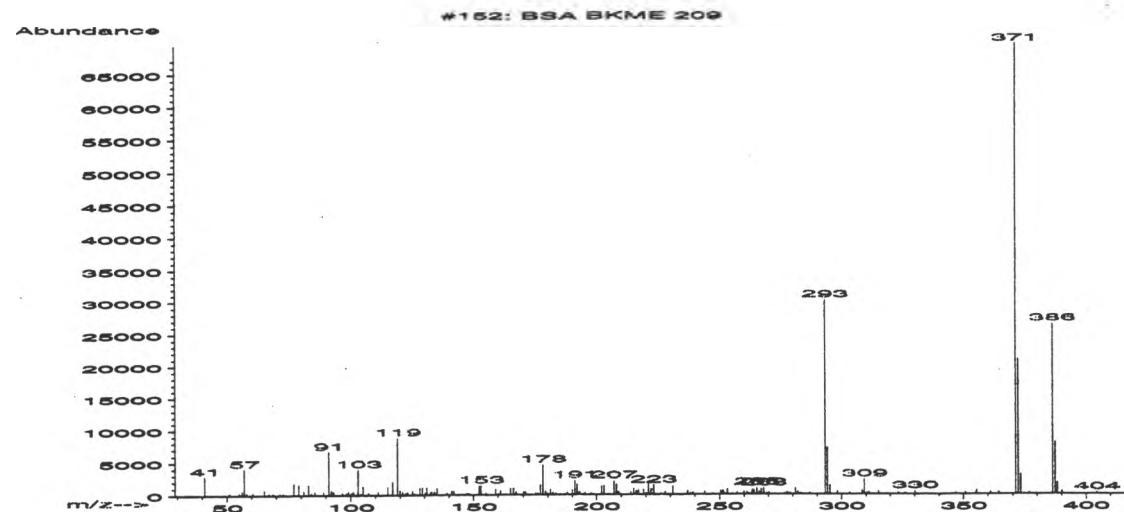
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
154.00	3027	178.05	3797	195.10	118	219.10	633
155.05	885	179.05	3599	196.15	507	229.10	352
159.10	813	179.95	730	198.80	399	231.30	637
163.90	336	182.15	734	200.05	450	233.10	812
164.20	93	185.05	87	203.20	729	240.00	396
165.05	3317	189.05	917	204.95	468	244.05	487
167.10	873	190.05	1494	205.25	5	245.20	256
168.10	1079	191.05	933	208.00	515	256.35	410
169.00	106	192.10	5252	213.30	567	260.15	19528
174.40	484	193.10	7214	213.70	433	261.15	2703
177.00	707	194.10	2569	217.15	797	265.15	442

#151: BSA BKME 208

Full Spectrum # 151 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
266.95	595	296.15	342				
267.20	920	296.90	384				
268.95	453	297.40	444				
276.30	90						
281.10	1124						
283.25	288						
284.15	1073						
286.90	100						
292.30	389						
293.30	193						
295.00	521						

BSA BKME 209



#152: BSA BKME 209

Full Spectrum # 152 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
41.10	2903	71.55	258	93.00	523	115.10	1303
50.85	302	72.95	281	96.60	385	117.00	2092
55.00	445	77.10	1787	98.10	334	119.05	8865
56.10	602	79.10	1616	99.05	624	120.00	745
57.05	4044	81.10	642	100.20	309	121.05	541
57.95	305	83.00	1568	101.00	501	122.25	331
60.45	353	84.20	316	103.05	3982	123.10	466
65.05	797	85.60	527	104.05	212	125.05	646
67.00	285	88.90	497	105.00	1389	125.95	295
68.65	262	91.10	6710	107.20	351	128.05	1190
69.00	200	92.05	712	111.10	539	129.05	1217

#152: BSA BKME 209

Full Spectrum # 152 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
130.35	377	147.30	266	166.10	1058	181.10	868
131.00	1144	148.30	183	167.20	495	182.05	351
132.00	113	151.05	143	169.15	72	183.25	272
132.55	426	152.15	1438	170.15	516	185.05	143
133.05	588	153.00	1467	170.90	432	186.90	132
134.05	538	155.10	329	175.10	312	187.95	360
135.10	1092	159.00	925	176.10	295	190.00	782
139.05	311	160.15	174	177.05	1555	191.00	2227
141.05	668	161.05	670	178.05	4670	191.95	1584
141.95	552	163.15	155	179.05	589	192.25	373
147.10	70	164.95	1074	179.95	293	193.15	472

#152: BSA BKME 209

Full Spectrum # 152 from F:\BSA_BKME.L

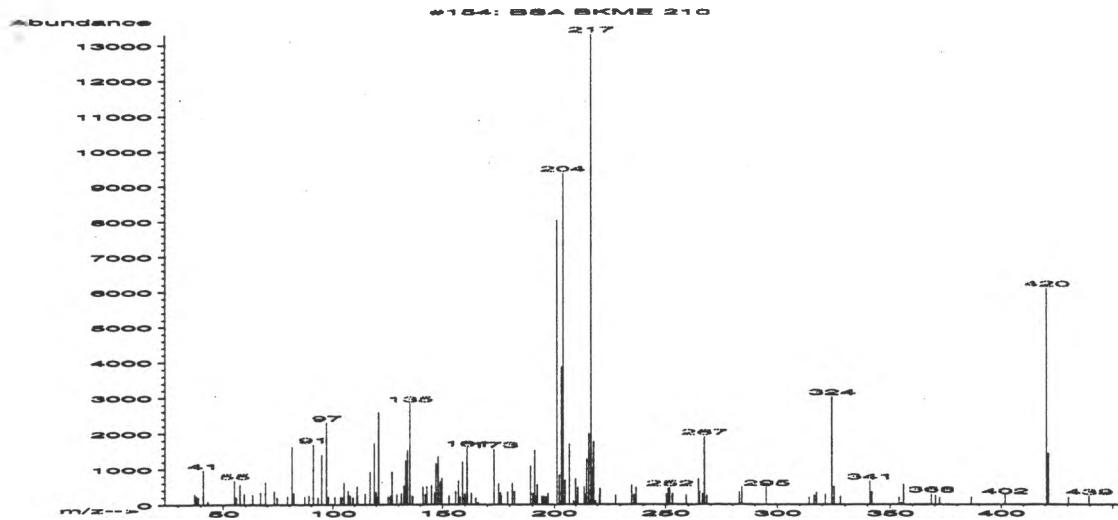
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
195.25	321	216.10	600	237.05	625	257.10	301
197.10	21	217.00	757	238.20	289	259.95	452
197.75	292	219.10	815	239.15	355	261.20	423
202.05	1305	220.20	253	243.95	513	262.20	160
203.15	1401	221.10	1728	247.10	153	263.20	760
205.20	79	222.10	932	250.35	624	263.95	724
207.05	2172	223.15	1509	251.20	661	265.20	1073
208.05	1632	225.20	53	251.55	396	266.25	426
209.00	456	226.05	168	251.90	142	267.05	870
213.90	421	227.90	403	253.05	815	268.10	994
215.10	989	231.10	1307	255.15	147	269.30	195

#152: BSA BKME 209

Full Spectrum # 152 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
270.35	300	298.20	539	350.70	299	388.25	1831
277.10	259	303.20	341	355.00	326	390.15	531
277.90	371	308.35	727	355.30	669	404.50	312
279.00	254	309.20	2331	361.10	419		
281.05	964	310.25	268	364.40	432		
282.05	445	311.25	358	371.20	69384		
283.15	176	315.20	487	372.25	20896		
287.00	260	323.35	311	373.25	3068		
293.20	30120	326.25	269	376.85	258		
294.20	7208	330.15	530	386.35	26352		
295.20	1375	346.90	343	387.35	8035		

BSA BKME 210



#154: BSA BKME 210

Full Spectrum # 154 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.40	292	66.75	334	95.05	1404	111.30	228
38.10	236	69.10	628	97.10	2301	114.95	298
38.90	203	73.00	374	98.05	217	117.05	923
41.05	967	74.35	204	100.90	208	119.00	1727
42.90	60	79.10	226	103.50	208	119.75	358
43.15	90	81.15	1627	104.10	201	120.05	217
55.00	677	82.00	323	105.10	619	121.05	2584
55.95	210	87.20	227	107.00	385	125.15	218
57.50	565	89.00	255	107.90	243	126.15	249
59.45	306	91.05	1693	109.20	193	127.00	920
63.15	275	93.20	204	111.05	510	129.10	282

#154: BSA BKME 210

Full Spectrum # 154 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
131.15	315	146.95	1160	163.00	319	190.15	318
132.30	527	148.05	1361	165.00	179	190.95	1534
133.05	1240	149.05	634	166.00	55	191.55	216
133.95	1535	149.80	737	173.00	1560	192.10	570
135.10	2838	153.00	241	175.05	592	194.15	233
136.25	241	155.80	374	175.90	341	195.05	233
141.10	496	157.10	674	176.20	241	196.05	218
142.15	282	157.80	213	179.00	353	197.05	317
142.95	508	159.10	1207	181.05	612	201.10	8041
145.00	546	160.10	298	182.05	377	202.15	837
146.40	333	161.10	1591	189.10	1101	203.20	3862

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#154: BSA BKME 210

Full Spectrum # 154 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
204.10	9370	218.05	1043	250.75	224	284.05	496
205.10	685	218.25	1765	251.00	444	295.05	480
207.05	1702	219.20	102	251.75	468	314.05	200
209.05	101	220.90	265	253.05	302	316.35	265
210.00	722	221.20	443	259.15	263	317.25	339
211.00	471	228.10	254	264.45	730	321.25	279
213.90	506	235.10	538	264.95	358	324.20	3027
214.60	275	236.20	273	266.25	299	325.10	511
215.05	1286	237.00	474	267.00	1905	327.85	231
216.10	1996	250.05	5	268.25	260	341.00	662
217.10	13284	250.25	294	282.95	348	341.90	354

#154: BSA BKME 210

Full Spectrum # 154 from F:\BSA_BKME.L

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
354.10	200	439.55	237				
355.10	49						
356.10	565						
368.45	294						
370.35	253						
372.25	201						
386.55	207						
401.70	252						
420.35	6101						
421.35	1439						
430.30	200						

