

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 13:52:12

Sample: AE11426
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 13:51 Ended: 5/29/02 13:51 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		10.0

Comments for Sample AE11426 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 13:52:37

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\MSDCHEM\1\DATA\020521\11426.D

Vial: 12

Acq On : 21 May 2002 7:14 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 24 09:27:08 2002

Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Last Update : Fri May 24 09:17:56 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	455695	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1704021	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	916476	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1564235	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1213173	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	646276	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	243460	33.12	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	82.80%	

Target Compounds

35) Di-n-butylphthalate	34.81	149	21577	0.43	ug/l	Qvalue 95
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
11426.D SCAN020521.M Fri May 24 09:28:36 2002 Page 1

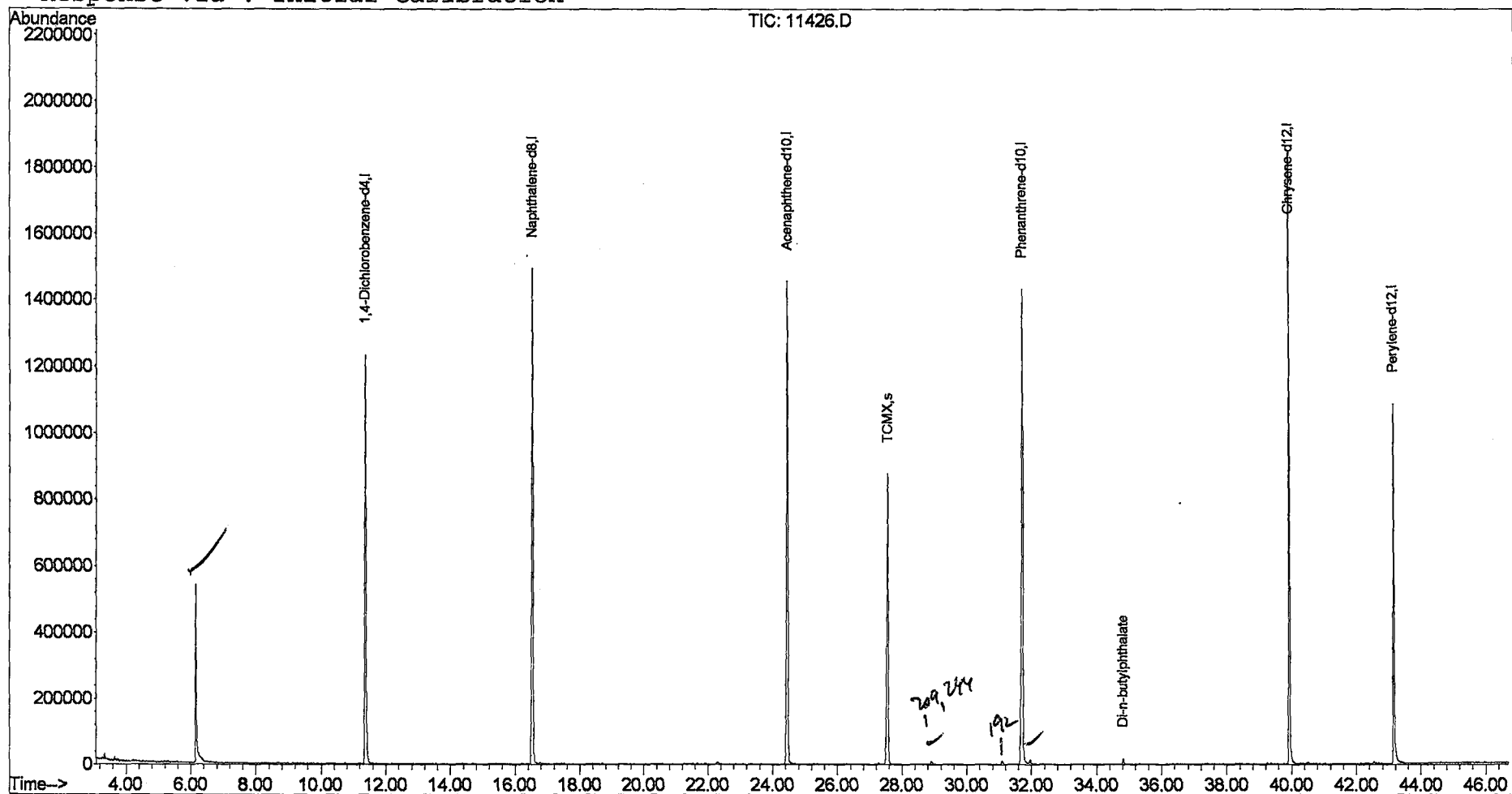
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11426.D
 Acq On : 21 May 2002 7:14 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 9:28 2002

Vial: 12
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020521.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Fri May 24 09:17:56 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020521\11426.D

Vial: 12

Acq On : 21 May 2002 7:14 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

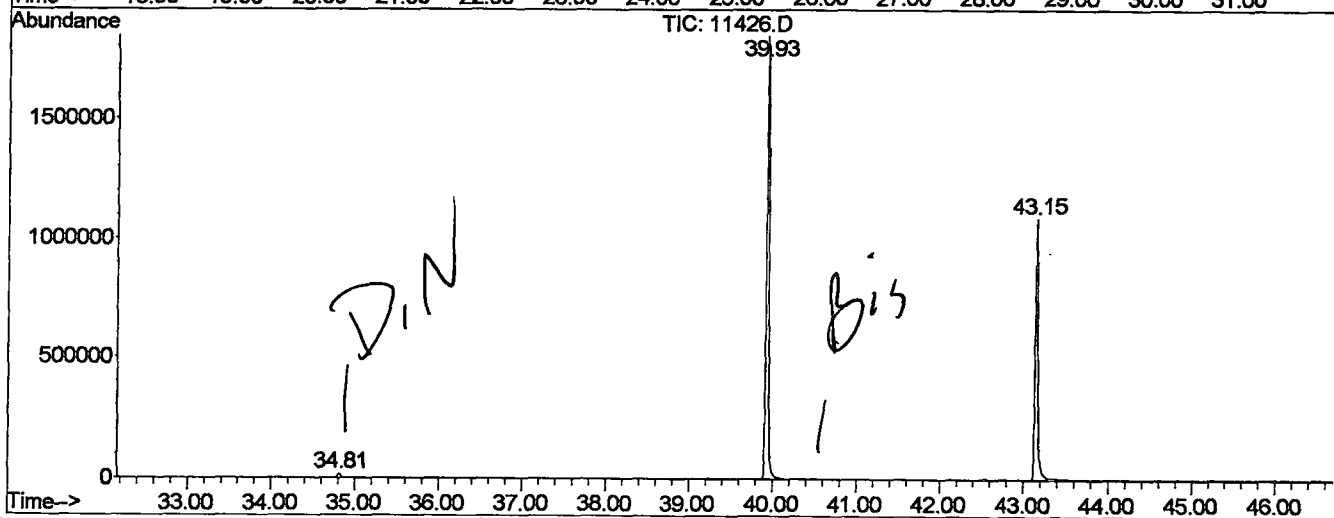
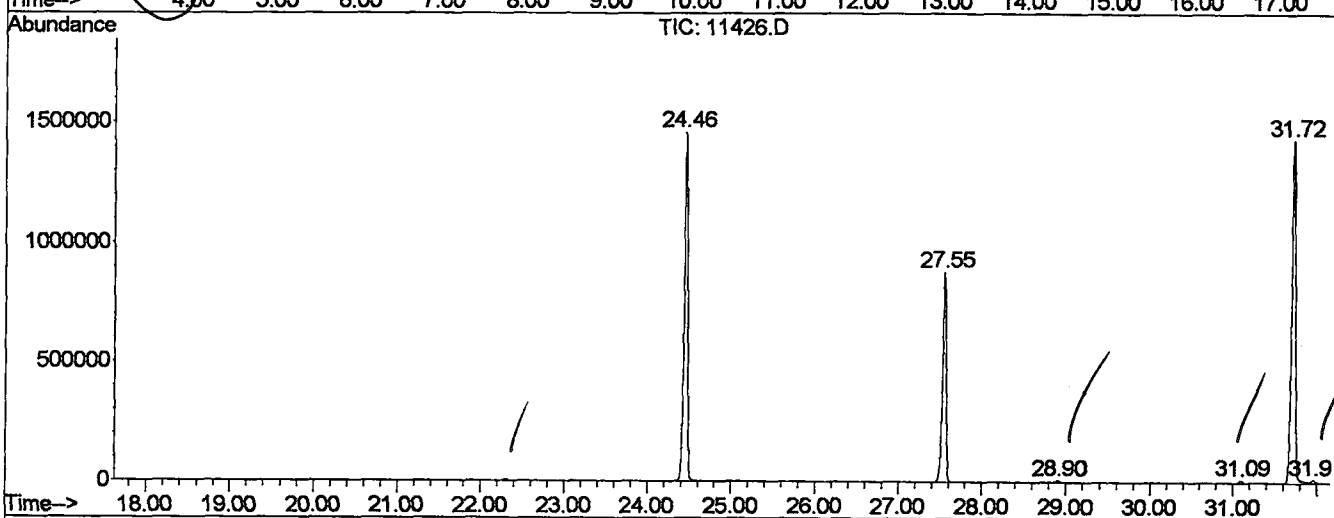
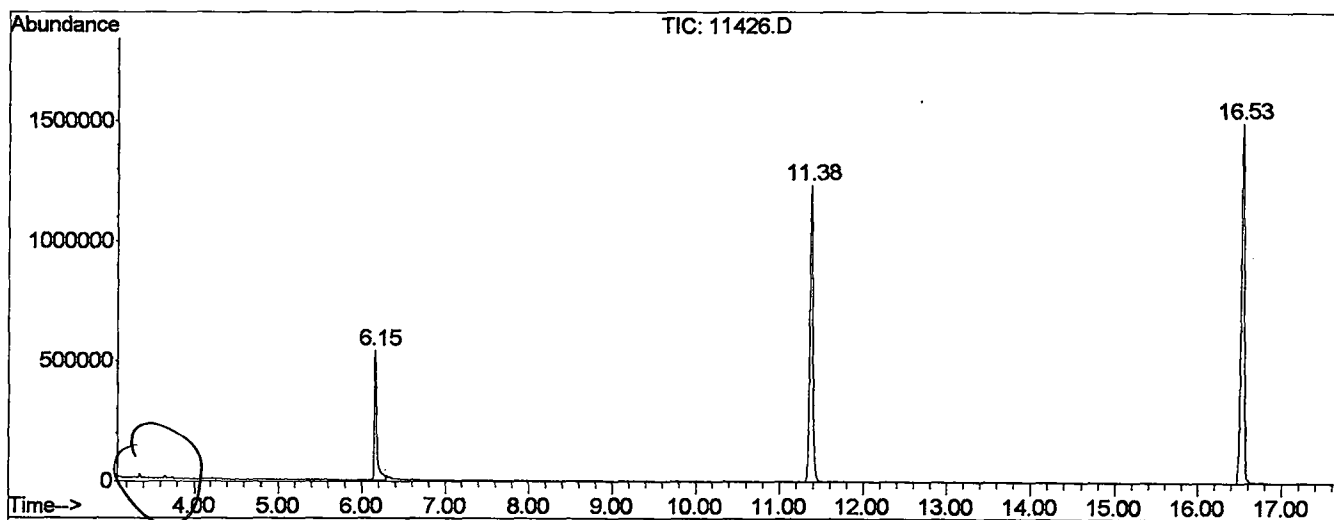
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	514	523	546	rBV	537569	1038575	23.36%	4.080%
2	11.375	1399	1412	1435	rBV	1232349	3161238	71.10%	12.420%
3	16.534	2270	2290	2313	rBV	1493772	3969424	89.28%	15.595%
4	24.460	3617	3639	3657	rBV3	1457035	4152214	93.39%	16.313%
5	27.551	4144	4165	4183	rVB2	878035	2557195	57.52%	10.047%
6	28.896	4388	4394	4405	rVB5	8595	23673	0.53%	0.093%
7	31.088	4758	4767	4781	rBV4	10066	29829	0.67%	0.117%
8	31.723	4852	4875	4901	rBV2	1432451	4446005	100.00%	17.467%
9	31.963	4908	4916	4926	rVB3	12525	35711	0.80%	0.140%
10	34.807	5391	5400	5409	rBV	17353	42002	0.94%	0.165%
11	39.931	6260	6272	6296	rBV2	1843404	3709073	83.42%	14.572%
12	43.151	6810	6820	6844	rBV2	1086486	2288579	51.47%	8.991%

Sum of corrected areas: 25453518

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11426.D
Operator : Nefliu
Acquired : 21 May 2002 7:14 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 12
Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11426.D

Acq On : 21 May 2002 7:14 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 12

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

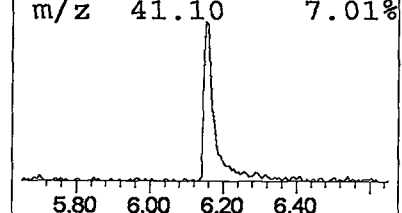
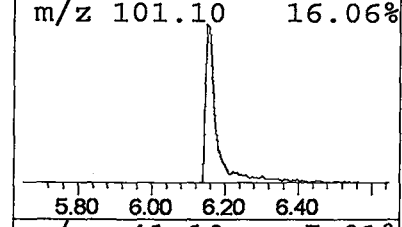
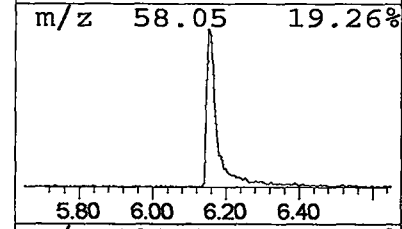
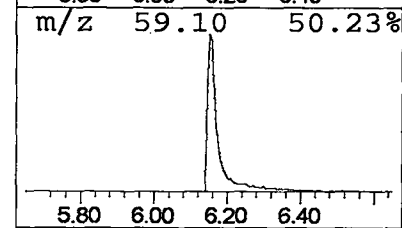
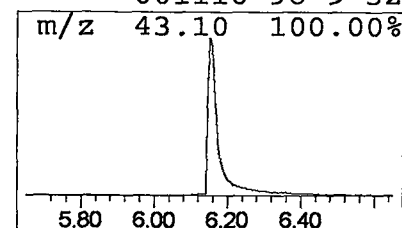
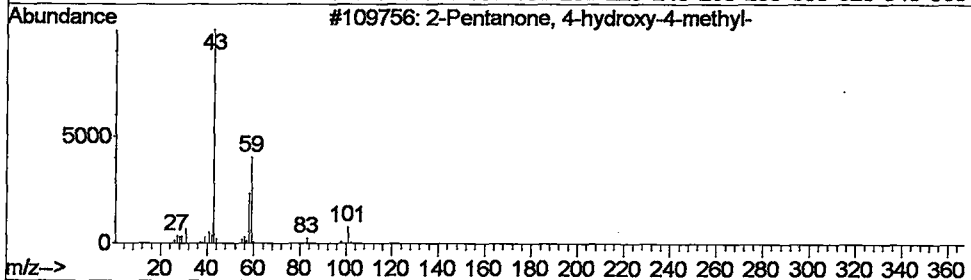
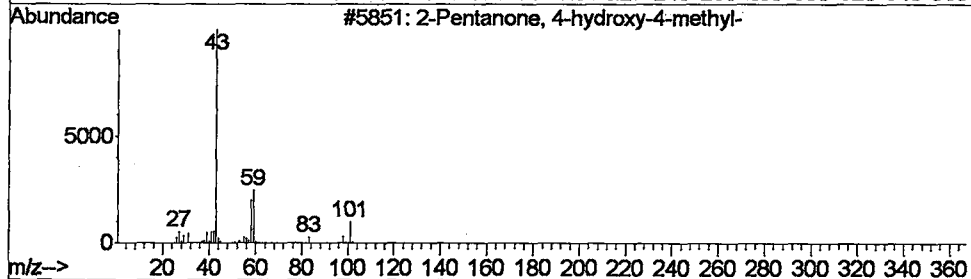
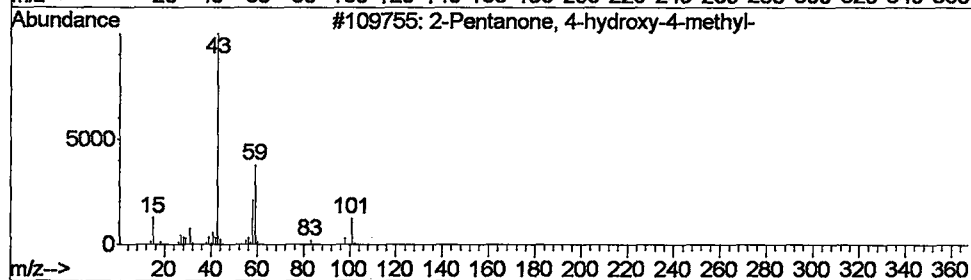
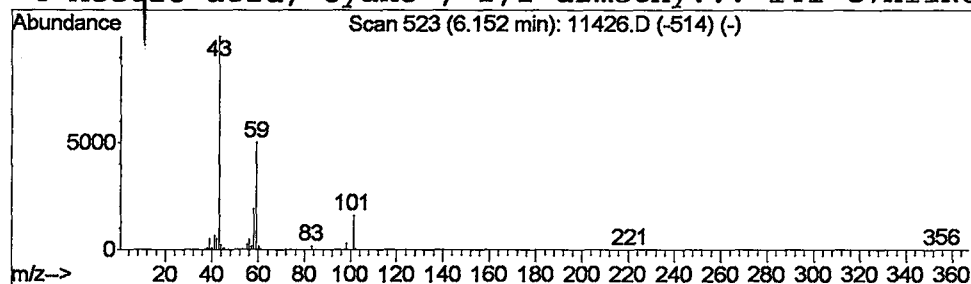
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	13.14 ug/l	1038580	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83	
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45	
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42	
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32	



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11426.D
 Acq On : 21 May 2002 7:14 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

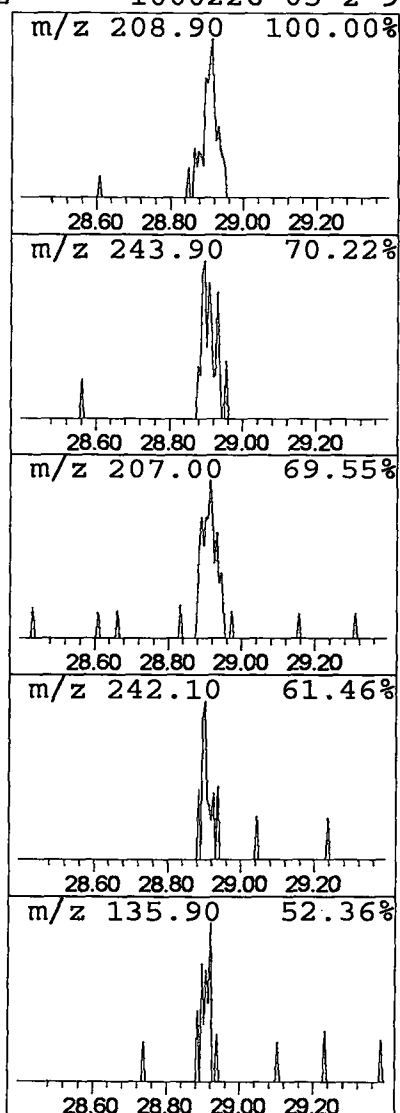
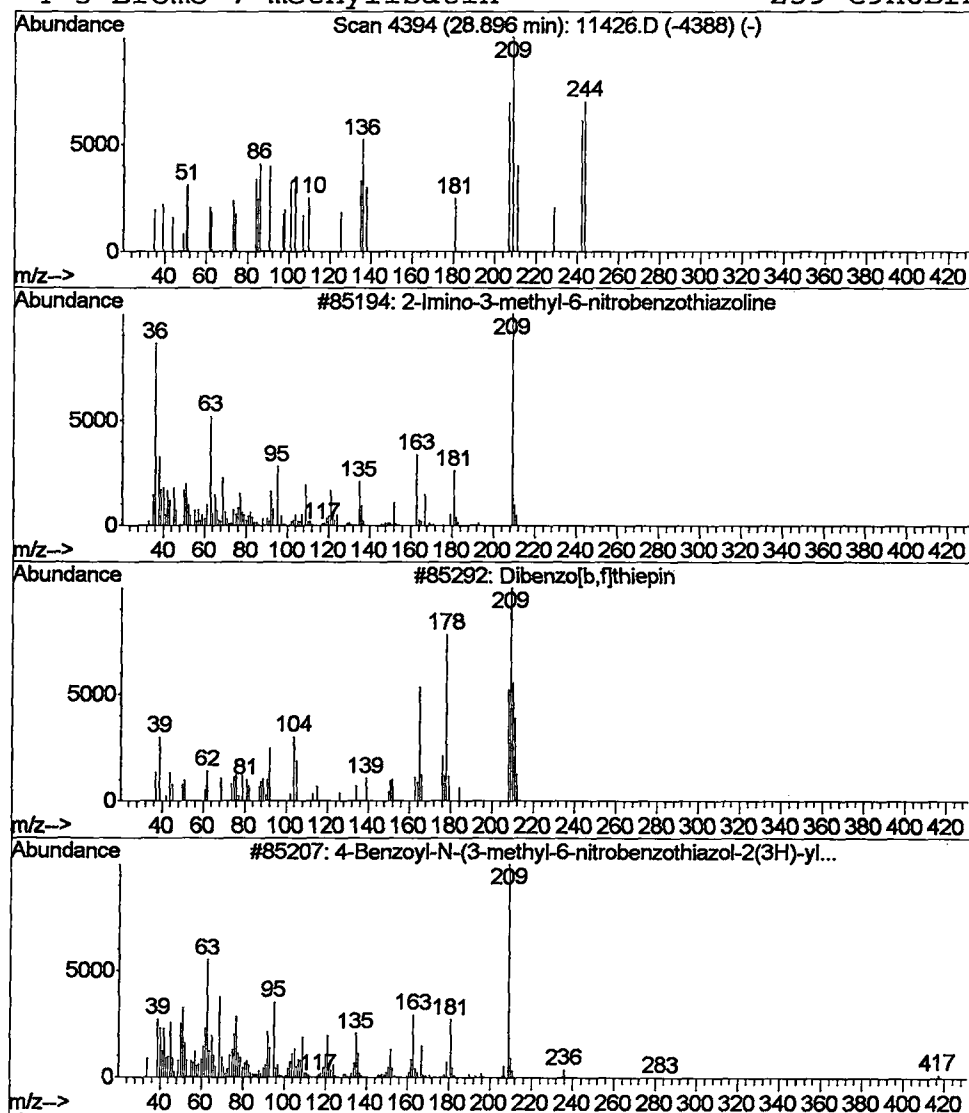
Vial: 12
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 2 2-Imino-3-methyl-6-nitroben... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.90	0.21 ug/l	23673	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Imino-3-methyl-6-nitrobenzothi...	209	C8H7N3O2S	1000224-45-3	9
2		Dibenzo[b,f]thiepin	210	C14H10S	000257-13-6	9
3		4-Benzoyl-N-(3-methyl-6-nitroben...	417	C22H15N3O4S	1000224-08-0	9
4		5-Bromo-7-methylisatin	239	C9H6BrNO2	1000226-05-2	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11426.D
 Acq On : 21 May 2002 7:14 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

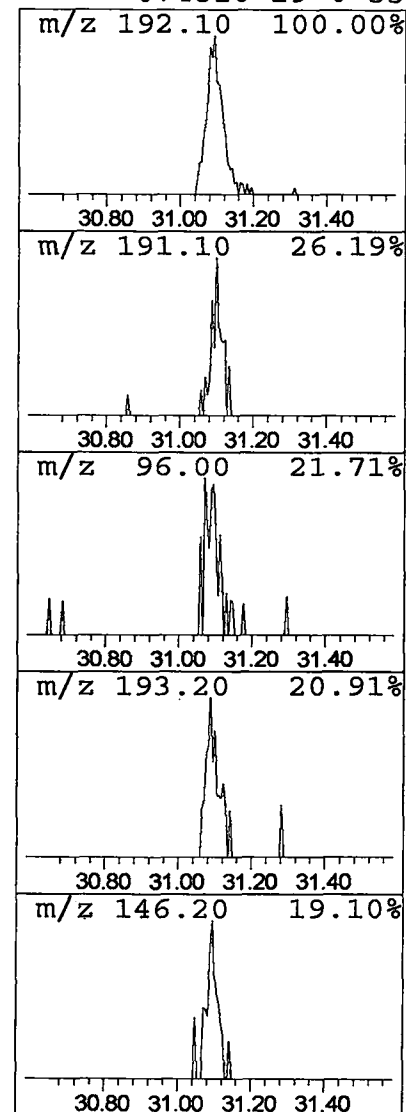
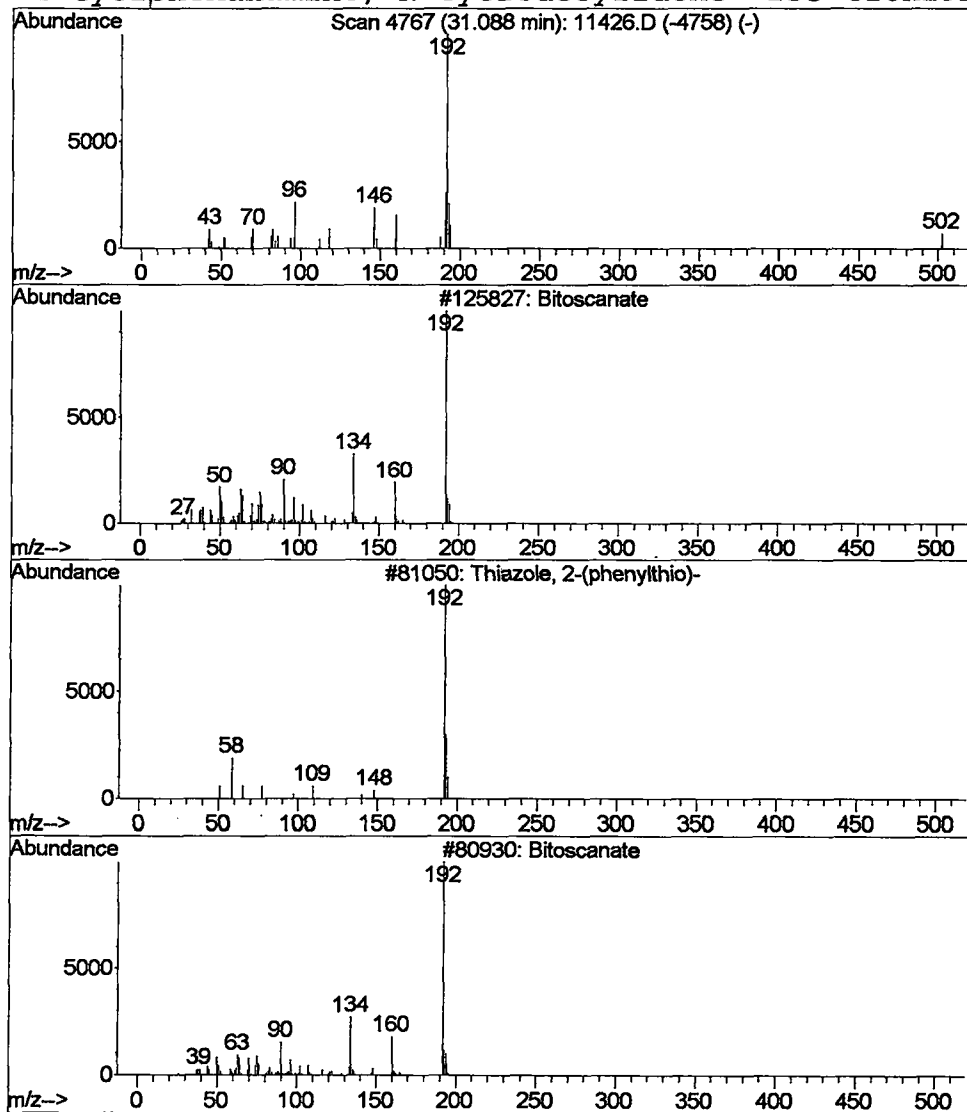
Vial: 12
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.l

 Peak Number 3 Bitoscanate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.27 ug/l	29829	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bitoscanate	192	C8H4N2S2	004044-65-9	38
2	Thiazole, 2-(phenylthio)-	193	C9H7NS2	033342-67-5	37
3	Bitoscanate	192	C8H4N2S2	004044-65-9	37
4	Cyclphexanamine, N-cyclodecylidene-	235	C16H29N	074810-29-0	33



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11426.D
 Acq On : 21 May 2002 7:14 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

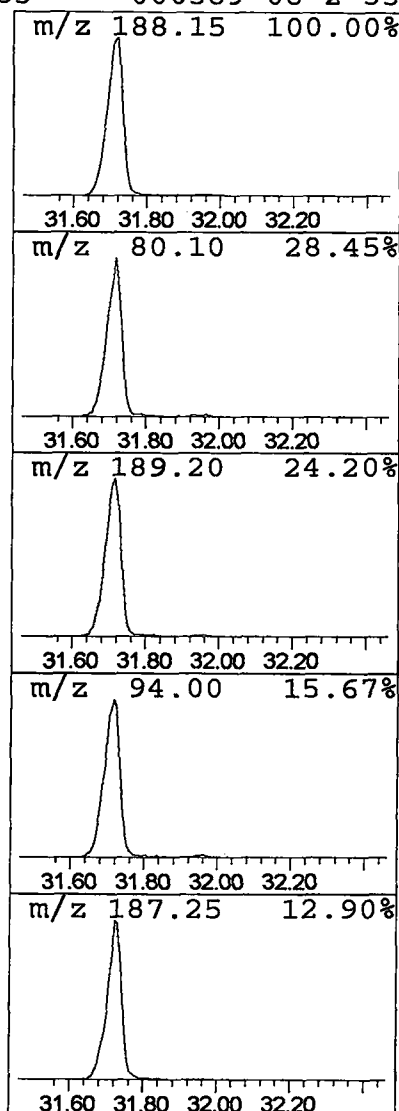
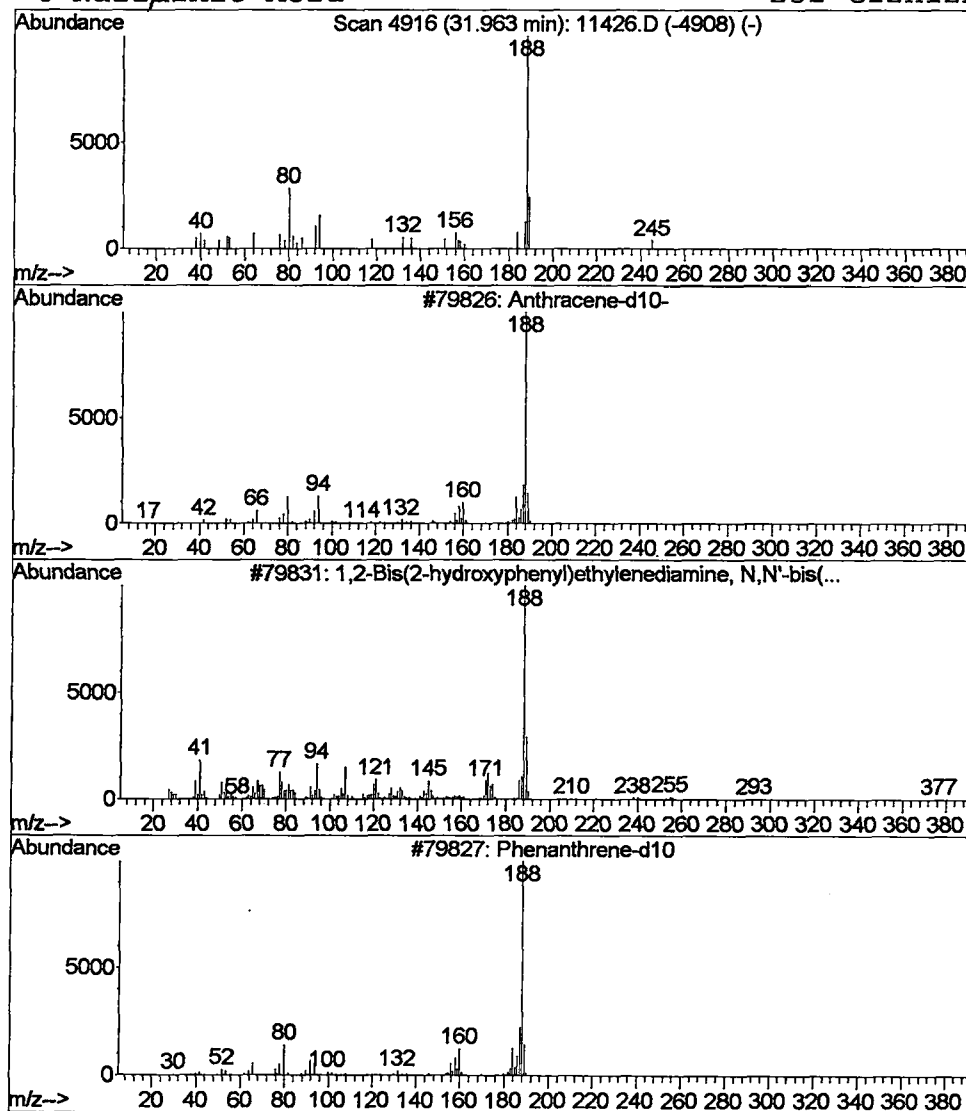
Vial: 12
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 4 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.32 ug/l	35711	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	50
2			1,2-Bis(2-hydroxyphenyl)ethylene...	376	C24H28N2O2	1000187-13-2	42
3			Phenanthrene-d10	188	C14D10	001517-22-2	38
4			Nalidixic Acid	232	C12H12N2O3	000389-08-2	33



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 21 May 2002 7:14 pm
Data File: C:\MSDCHEM\1\DATA\020521\11426.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	6.15	13.1	ug/l	1038580	1	11.38	3161240	40.0
2-Imino-3-methyl-...	28.90	0.2	ug/l	23673	4	31.72	4446010	40.0
Bitoscanate	31.09	0.3	ug/l	29829	4	31.72	4446010	40.0
Anthracene-d10-	31.96	0.3	ug/l	35711	4	31.72	4446010	40.0