

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 13:50:53

Sample: AE10701
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 13:50 Ended: 5/20/02 13:50 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Quality	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		10.0

Comments for Sample AE10701 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 13:51:15

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10701.D
Acq On : 13 May 2002 11:24 pm
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 15 08:39:56 2002

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

Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 09 09:21:01 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	424656	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1573032	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	842707	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1439613	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1158777	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	698744	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.54	207	55417	8.23	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	82.30%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10701.D SCAN020507.M Wed May 15 08:41:45 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10701.D

Vial: 12

Acq On : 13 May 2002 11:24 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 15 8:41 2002

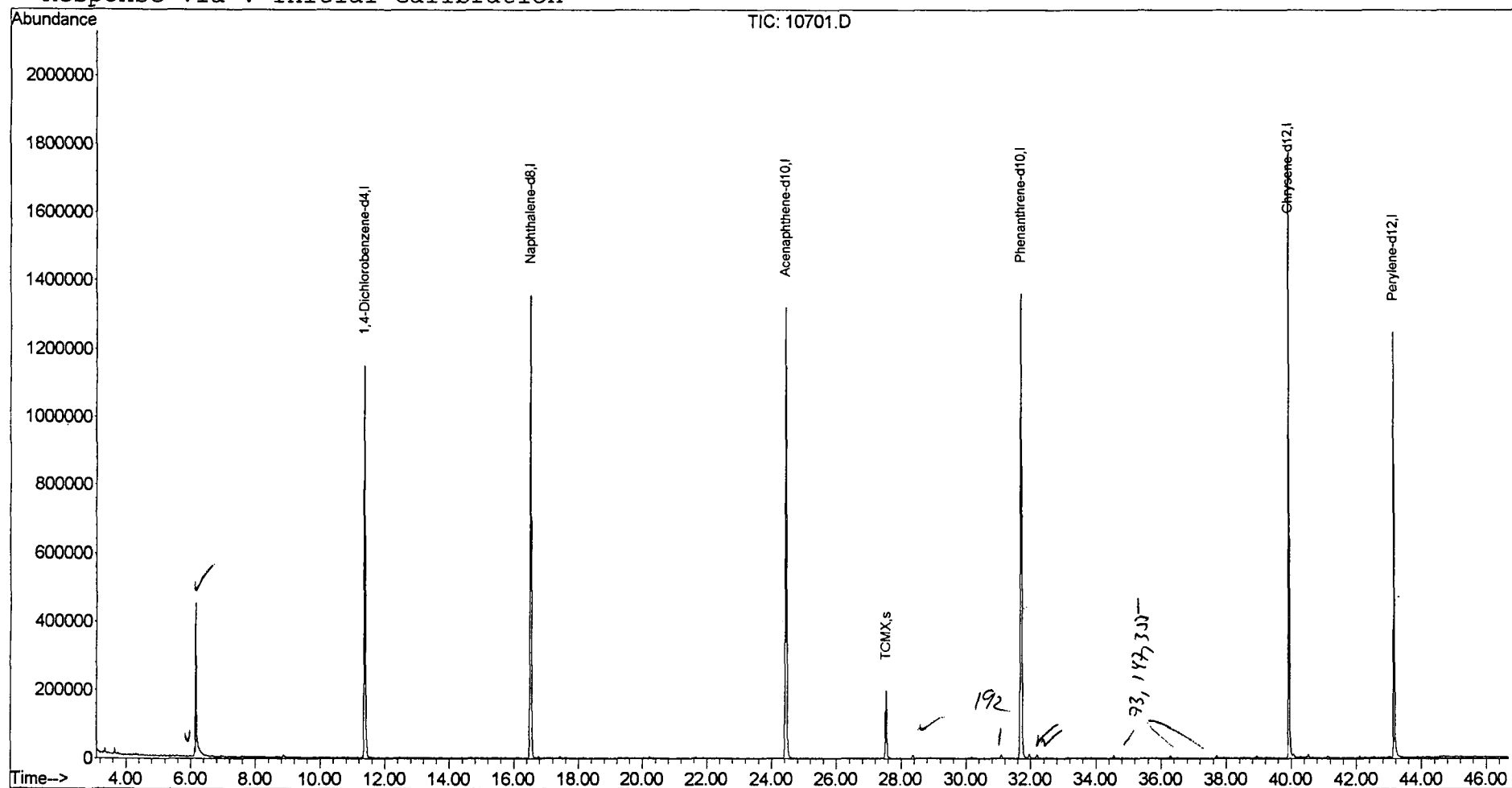
Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Last Update : Thu May 09 09:21:01 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020513\10701.D
 Acq On : 13 May 2002 11:24 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

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

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 0.7 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

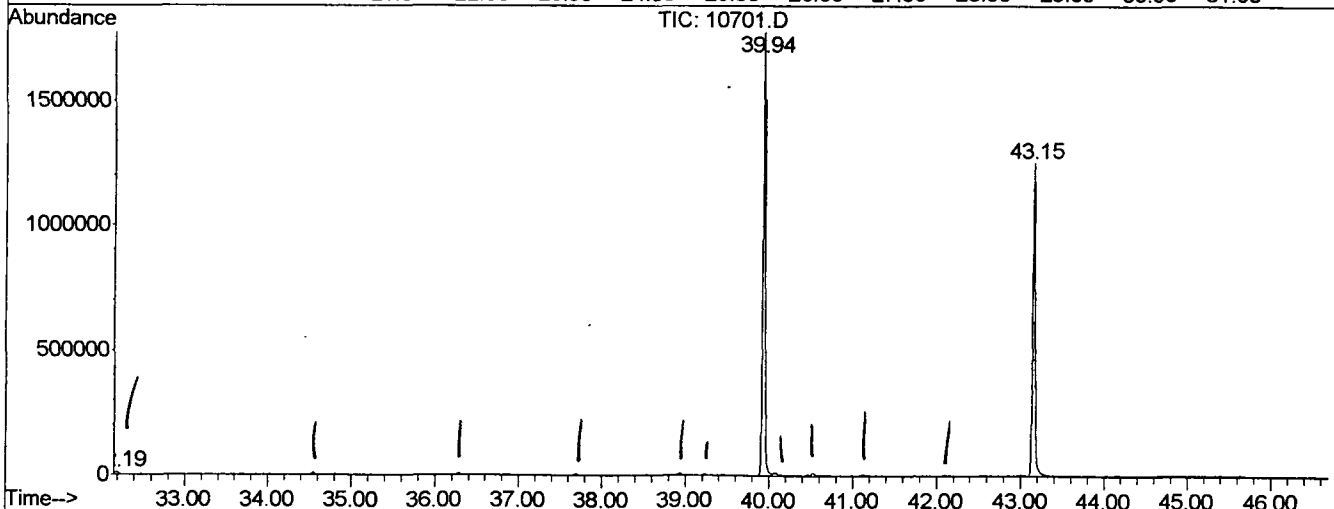
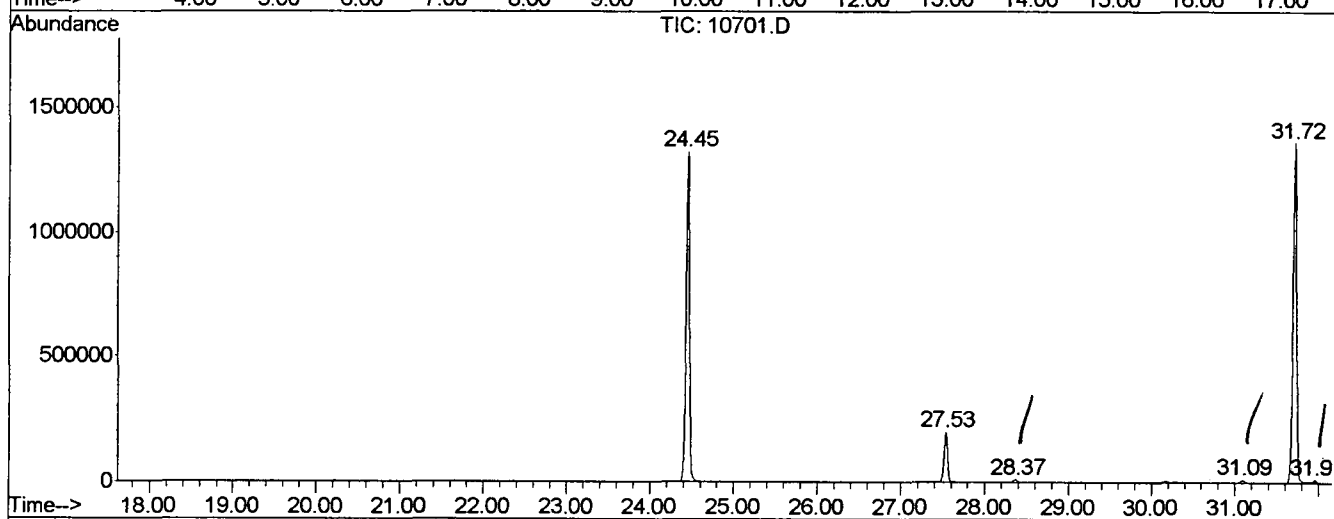
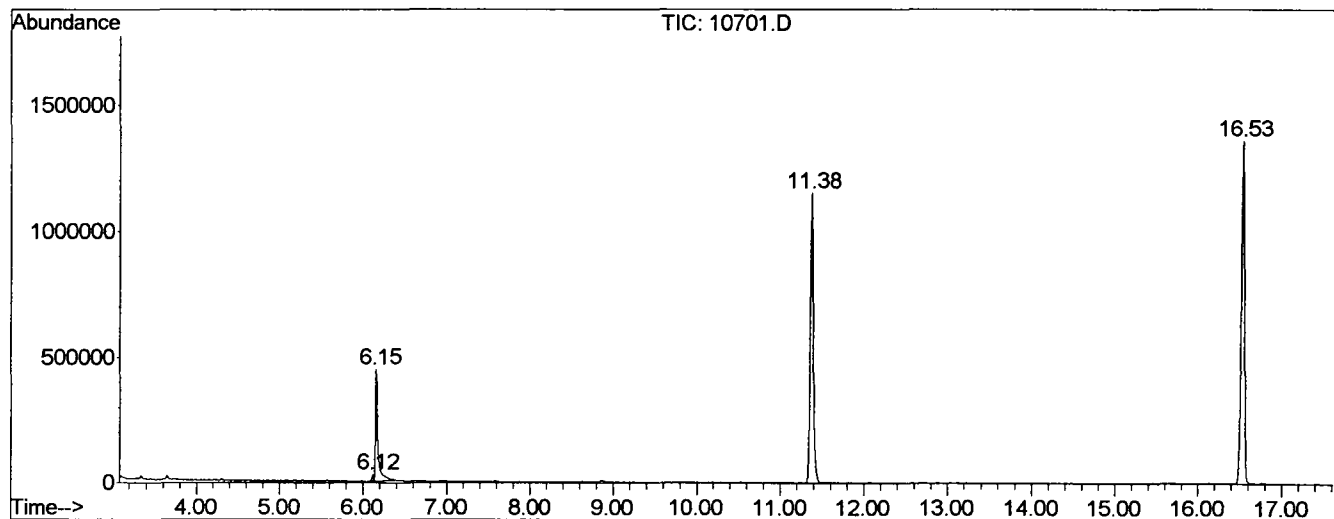
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.123	512	518	520	rBV	27477	39896	0.98%	0.180%
2	6.152	520	523	563	rVB	445810	910353	22.41%	4.099%
3	11.376	1400	1412	1430	rBV	1148797	2946912	72.54%	13.270%
4	16.534	2275	2290	2305	rBV	1356716	3674989	90.47%	16.548%
5	24.455	3621	3638	3660	rBV	1321668	3839201	94.51%	17.288%
6	27.533	4149	4162	4174	rBV3	196220	558083	13.74%	2.513%
7	28.368	4292	4304	4316	rVB3	10423	35272	0.87%	0.159%
8	31.088	4759	4767	4781	rVB4	11667	34088	0.84%	0.153%
9	31.717	4853	4874	4896	rBV2	1360614	4062266	100.00%	18.292%
10	31.958	4905	4915	4925	rVB3	11918	35188	0.87%	0.158%
11	32.193	4939	4955	4965	rBV4	10548	35799	0.88%	0.161%
12	39.937	6262	6273	6290	rBV2	1773123	3552497	87.45%	15.997%
13	43.151	6809	6820	6845	rBV2	1249579	2483320	61.13%	11.182%

Sum of corrected areas: 22207864

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020513\10701.D
 Operator : Nefliu
 Acquired : 13 May 2002 11:24 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 12
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10701.D
Acq On : 13 May 2002 11:24 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

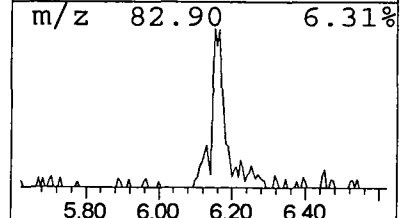
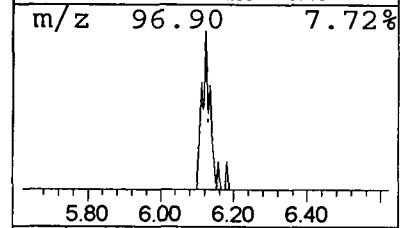
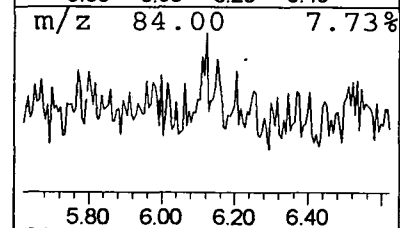
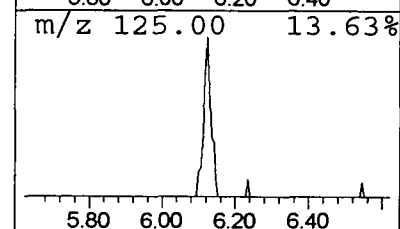
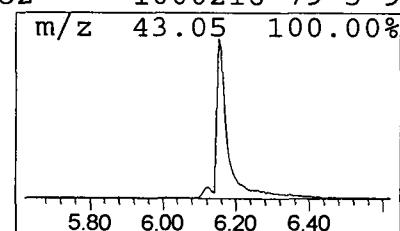
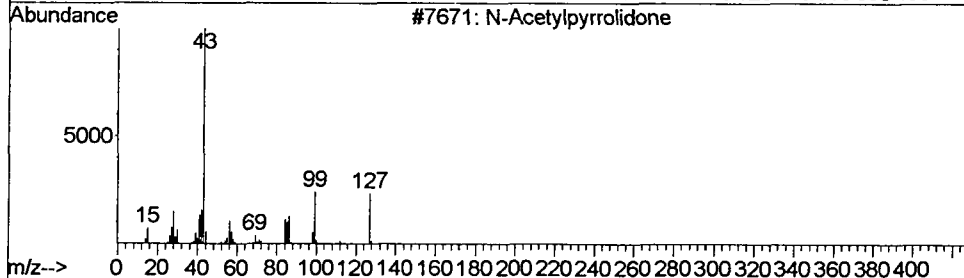
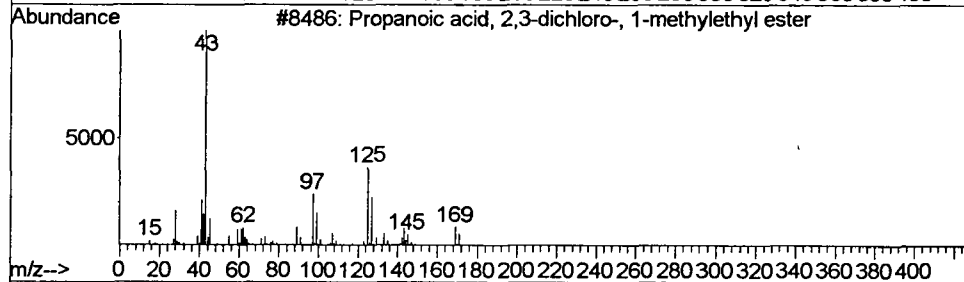
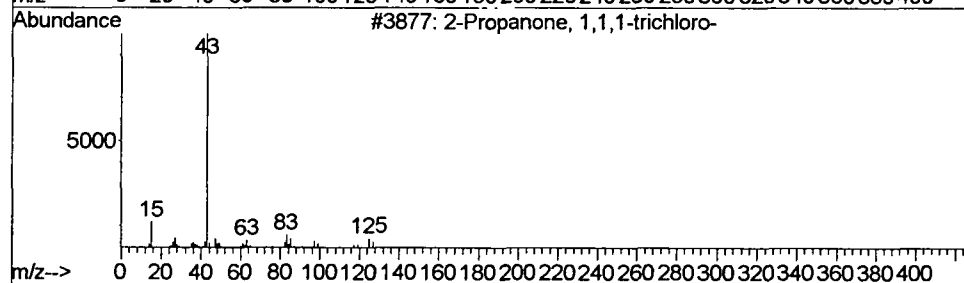
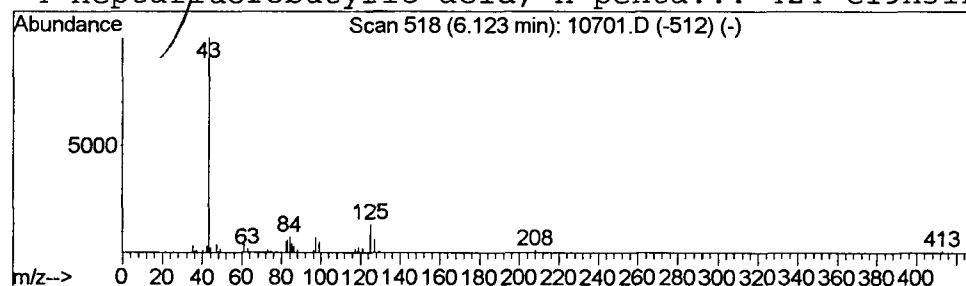
Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 1 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.54 ug/l	39896	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	40
2			Propanoic acid, 2,3-dichloro-, 1...	184	C6H10Cl2O2	054774-99-1	23
3			N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
4			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	9



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Sample : sample
Misc :
MS Integration Params: rteint.e

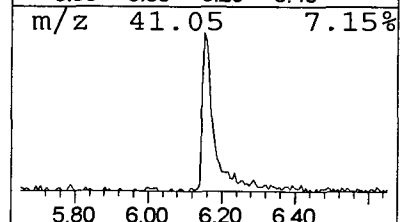
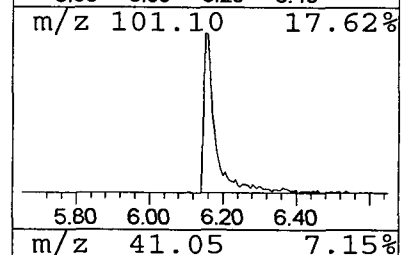
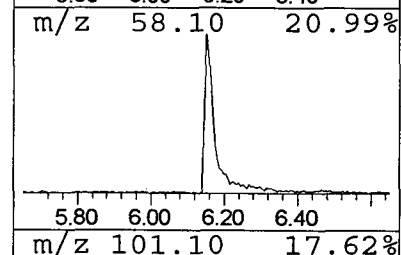
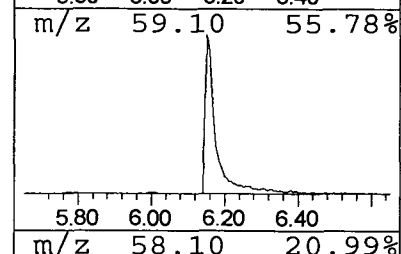
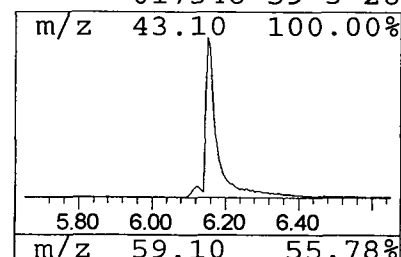
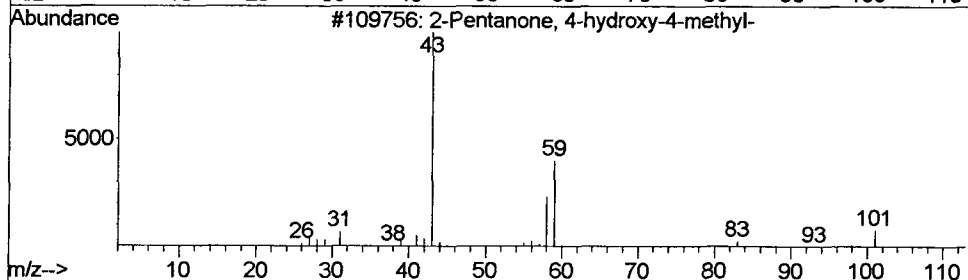
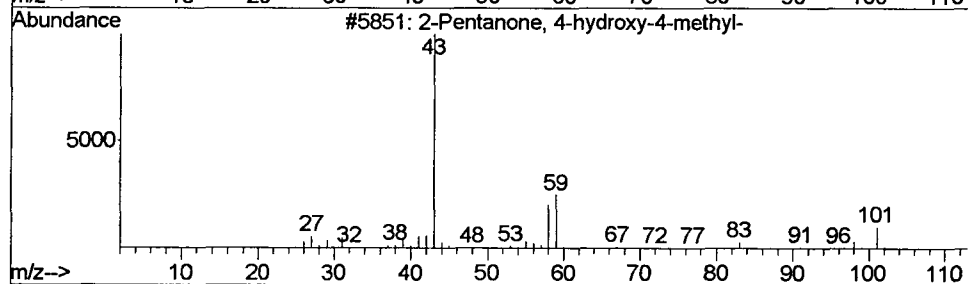
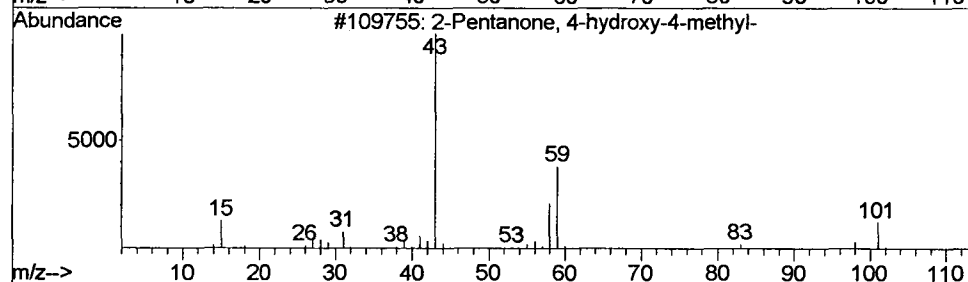
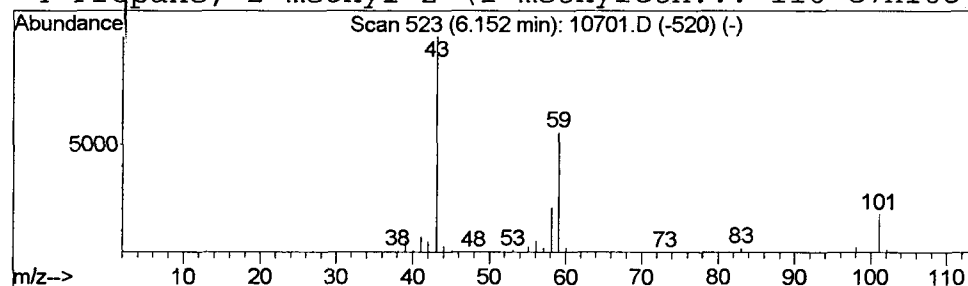
Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	12.36 ug/l	910353	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	64
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28



Library Search Compound Report

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Sample : sample
Misc :
MS Integration Params: rteint.e

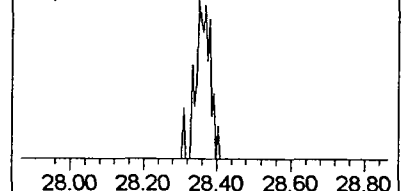
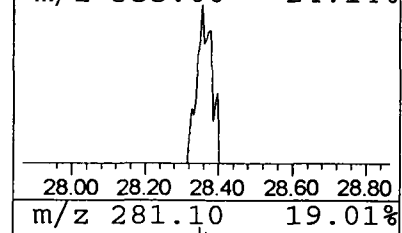
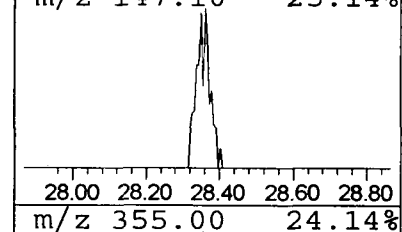
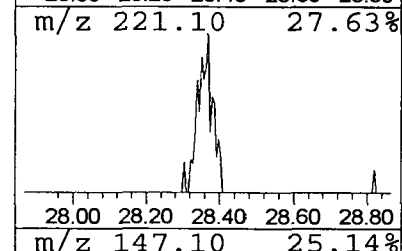
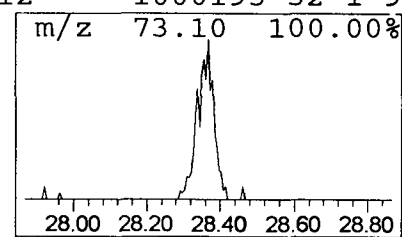
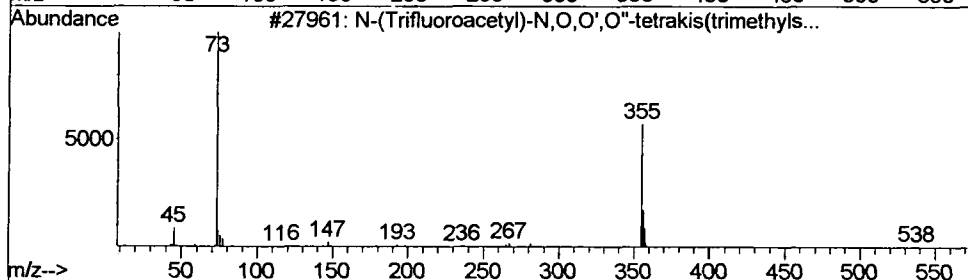
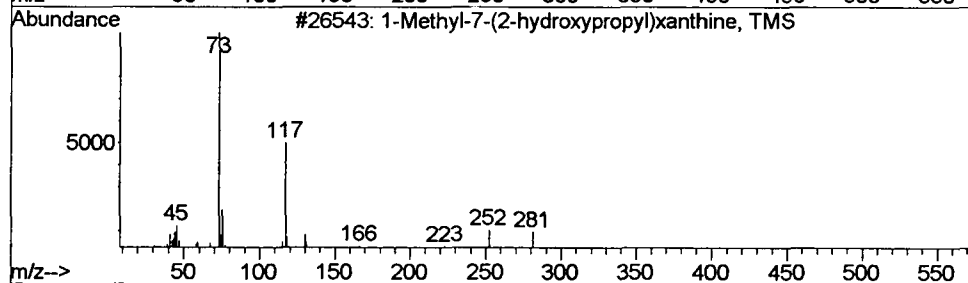
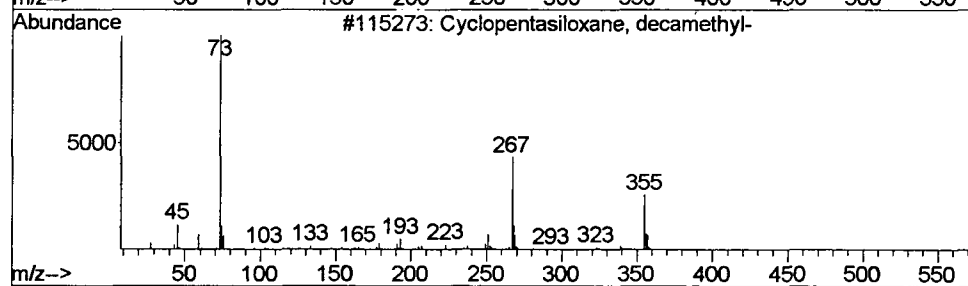
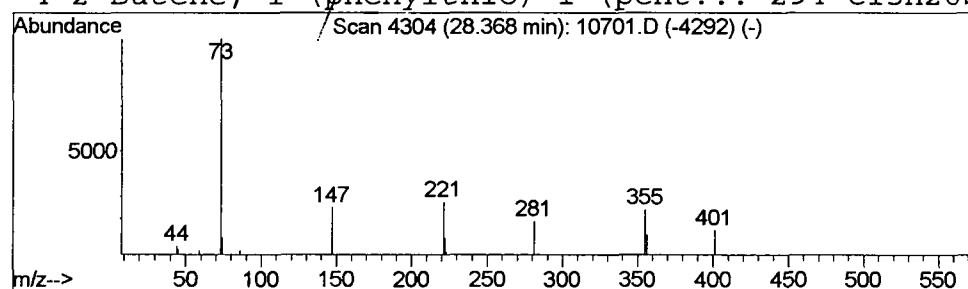
Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 3 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.37	0.35 ug/l	35272	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	12
2		1-Methyl-7-(2-hydroxypropyl)xant...	296	C12H20N4O3Si	1000099-11-3	9
3		N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	1000072-26-7	9
4		2-Butene, 1-(phenylthio)-1-(pent...	294	C15H26SSi2	1000193-32-1	9



Library Search Compound Report

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Acq On : 13 May 2002 11:24 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

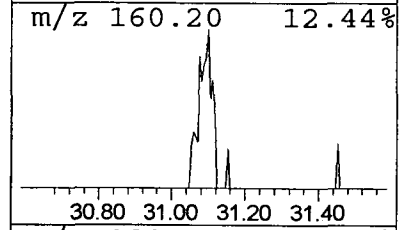
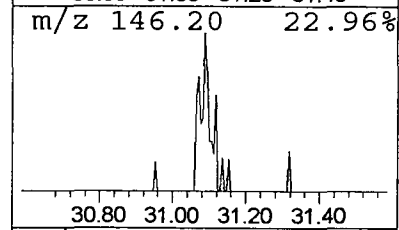
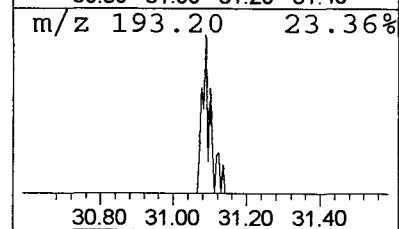
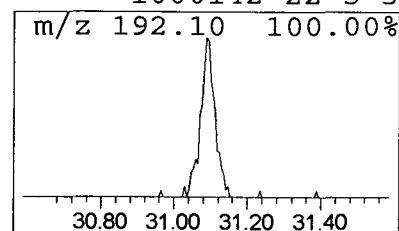
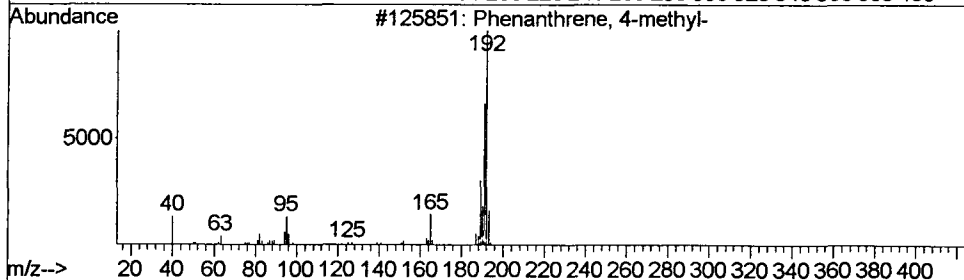
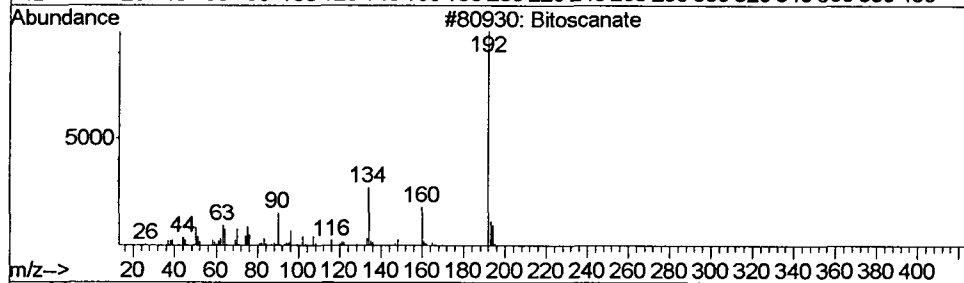
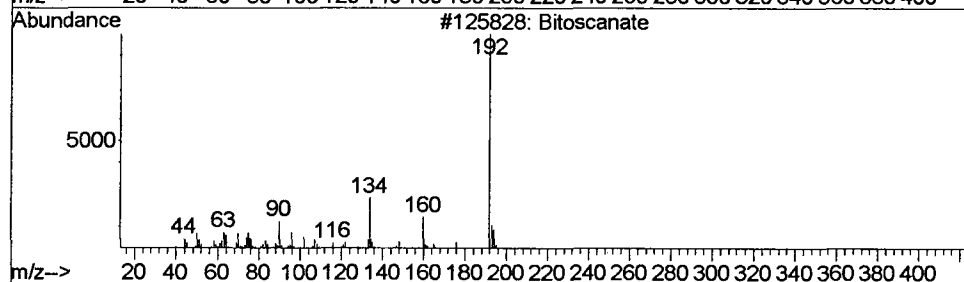
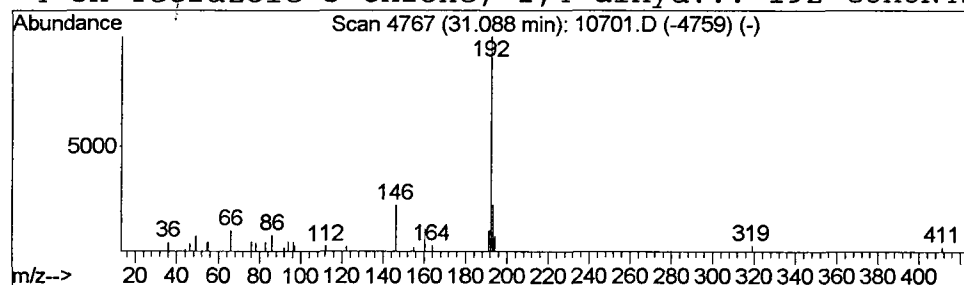
Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 4 Bitoscanate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.34 ug/l	34088	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bitoscanate	192	C8H4N2S2	004044-65-9	47
2			Bitoscanate	192	C8H4N2S2	004044-65-9	43
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	37
4			5H-Tetrazole-5-thione, 1,4-dihyd...	192	C8H8N4S	1000142-22-5	37



Library Search Compound Report

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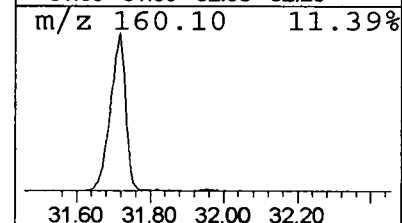
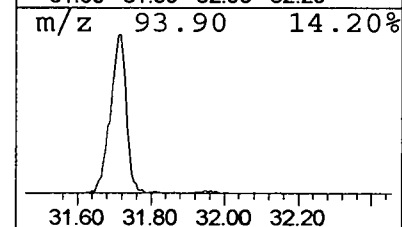
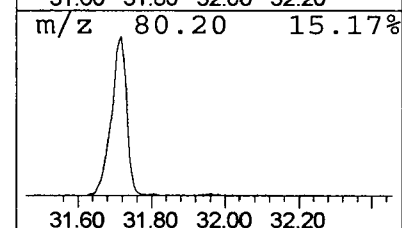
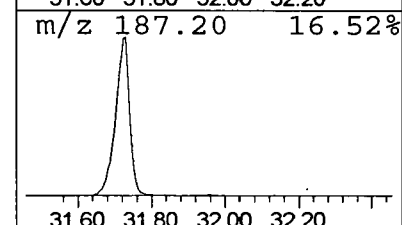
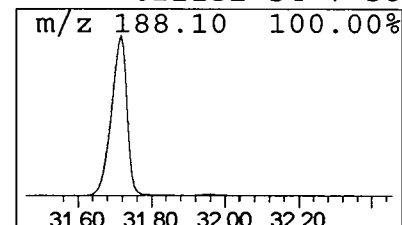
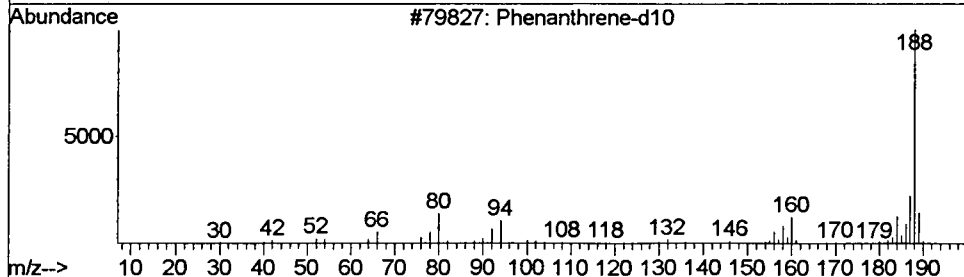
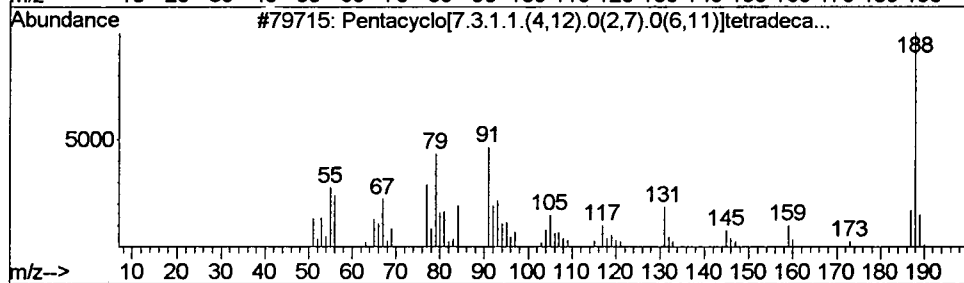
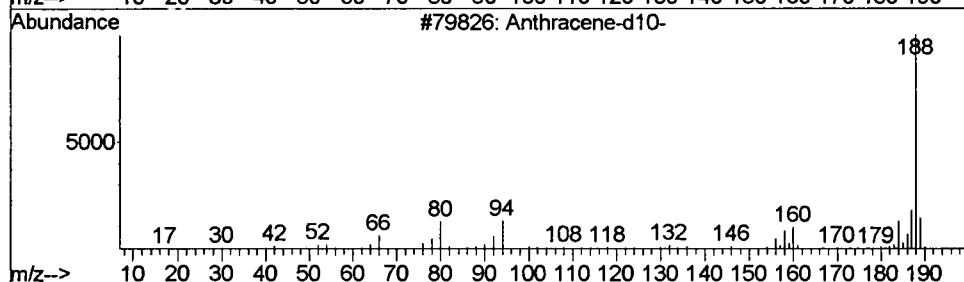
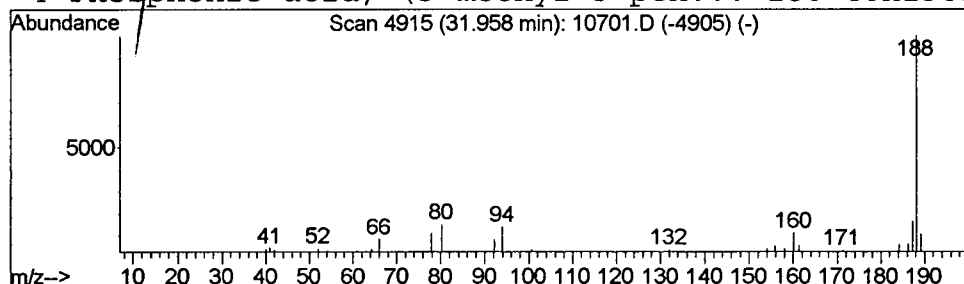
Vial: 12
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Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 5 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.35 ug/l	35188	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	87
2			Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	64
3			Phenanthrene-d10	188	C14D10	001517-22-2	64
4			Phosphonic acid, (3-methyl-3-pen...	188	C8H13O3P	022152-34-7	58



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MS Integration Params: rteint.e

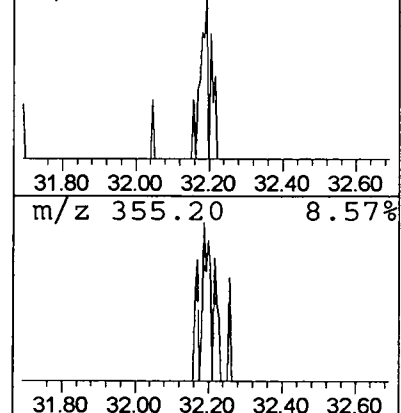
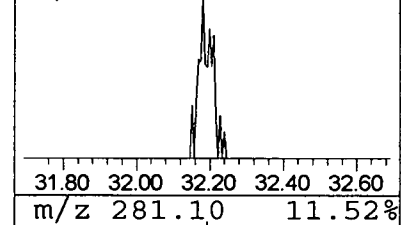
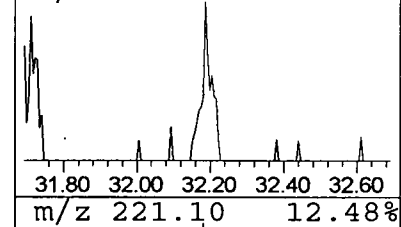
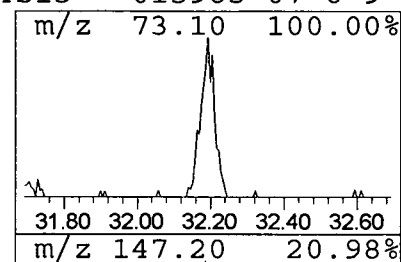
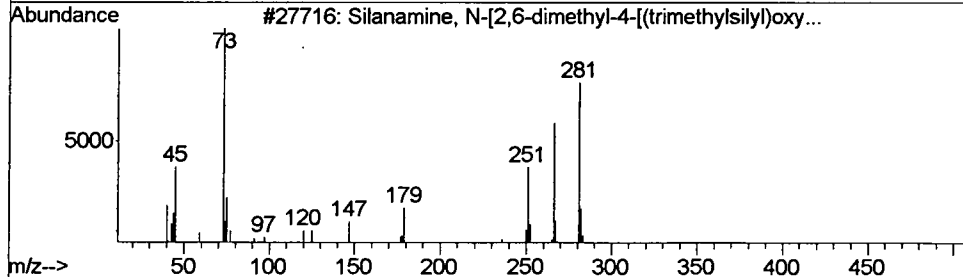
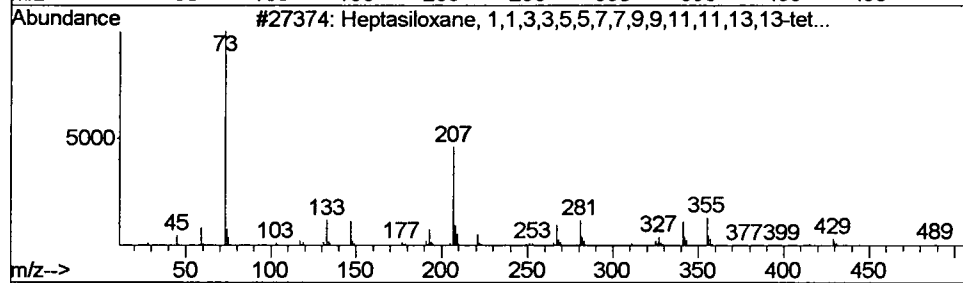
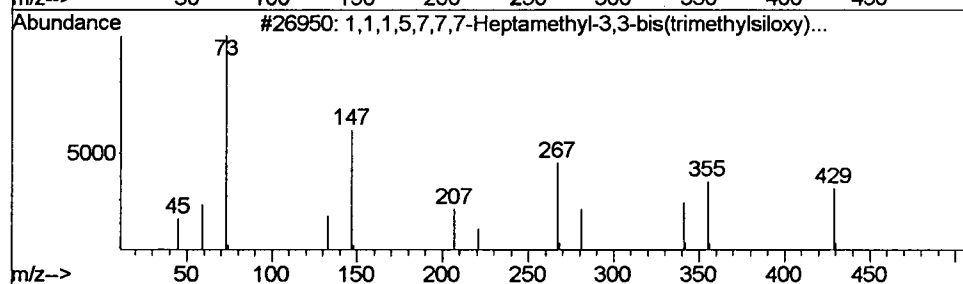
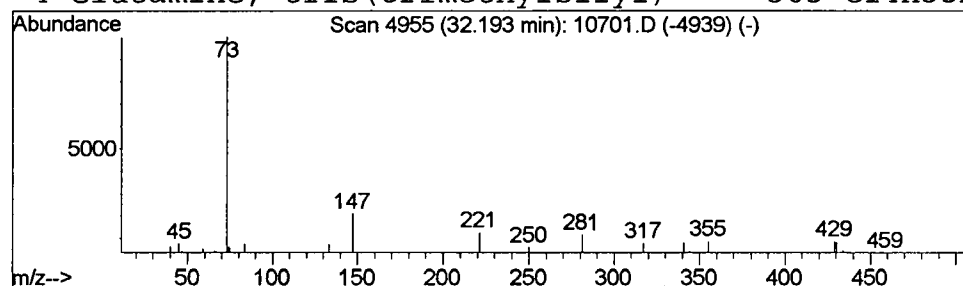
Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 6 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.19	0.35 ug/l	35799	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	28		
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	23		
3	Silanamine, N-[2,6-dimethyl-4-(...	281	C14H27NOSi2	072088-09-6	9		
4	Glutamine, tris(trimethylsilyl)-	363	C14H33NO4Si3	015985-07-6	9		



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 13 May 2002 11:24 pm
Data File: C:\MSDCHEM\1\DATA\020513\10701.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard---			
					#	RT	Resp	Conc
2-Propanone, 1,1,...	6.12	0.5	ug/l	39896	1	11.38	2946910	40.0
2-Pentanone, 4-hy...	6.15	12.4	ug/l	910353	1	11.38	2946910	40.0
Cyclopentasiloxan...	28.37	0.3	ug/l	35272	4	31.72	4062270	40.0
Bitoseanate	31.09	0.3	ug/l	34088	4	31.72	4062270	40.0
Anthracene-d10-	31.96	0.3	ug/l	35188	4	31.72	4062270	40.0
1,1,1,5,7,7,7-Hep...	32.19	0.4	ug/l	35799	4	31.72	4062270	40.0