

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 15:00:29

Sample: AE10812
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 14:59 Ended: 5/29/02 14:59 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE10812 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 15:00:37

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\020521\10812.D
 Acq On : 22 May 2002 1:09 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 09:20:38 2002

Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

Re-analysis

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	426738	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1608347	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	852264	40.00	ug/l	-0.03
30) Phenanthrene-d10	31.71	188	1456593	40.00	ug/l	-0.03
38) Chrysene-d12	39.93	240	1105184	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	624072	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	236371	34/58	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	86.45%	

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 10812.D SCAN020521.M Fri May 24 09:21:46 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\10812.D

Acq On : 22 May 2002 1:09 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Quant Time: May 24 9:21 2002

Vial: 18

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

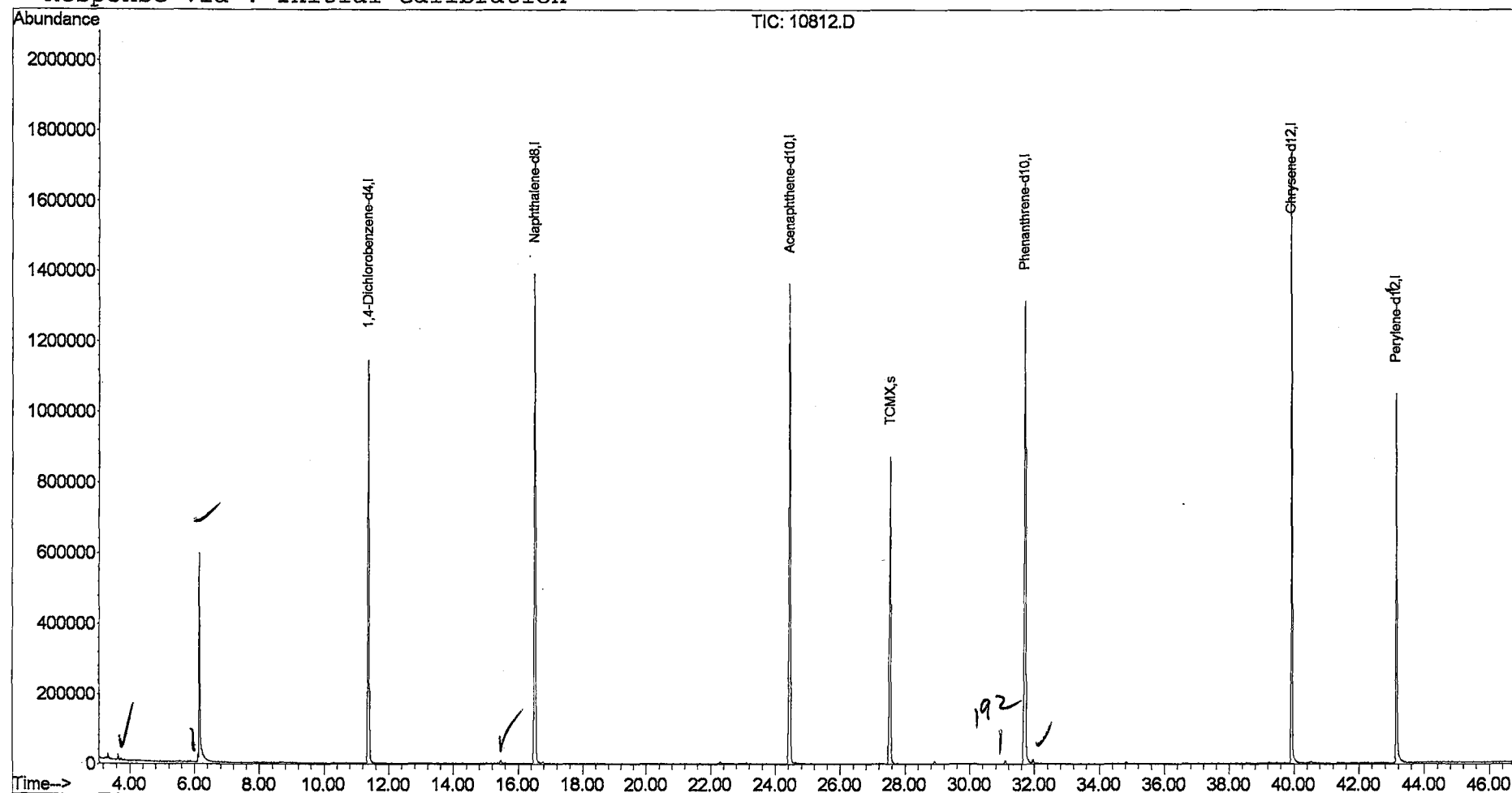
Quant Results File: SCAN020521.RES

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\10812.D

Acq On : 22 May 2002 1:09 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 18

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.5 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

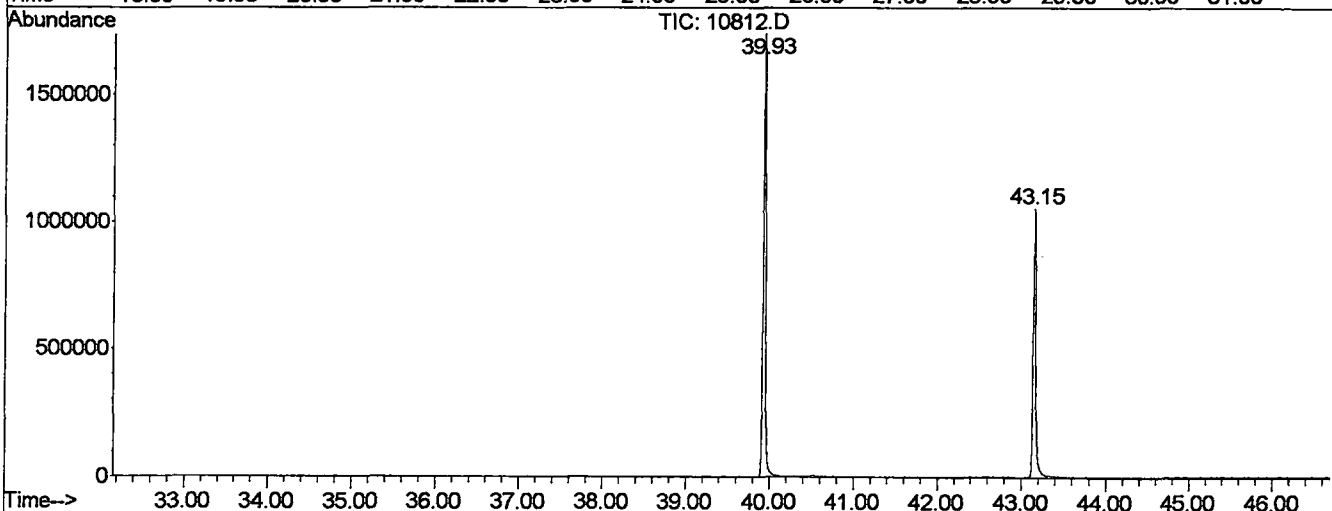
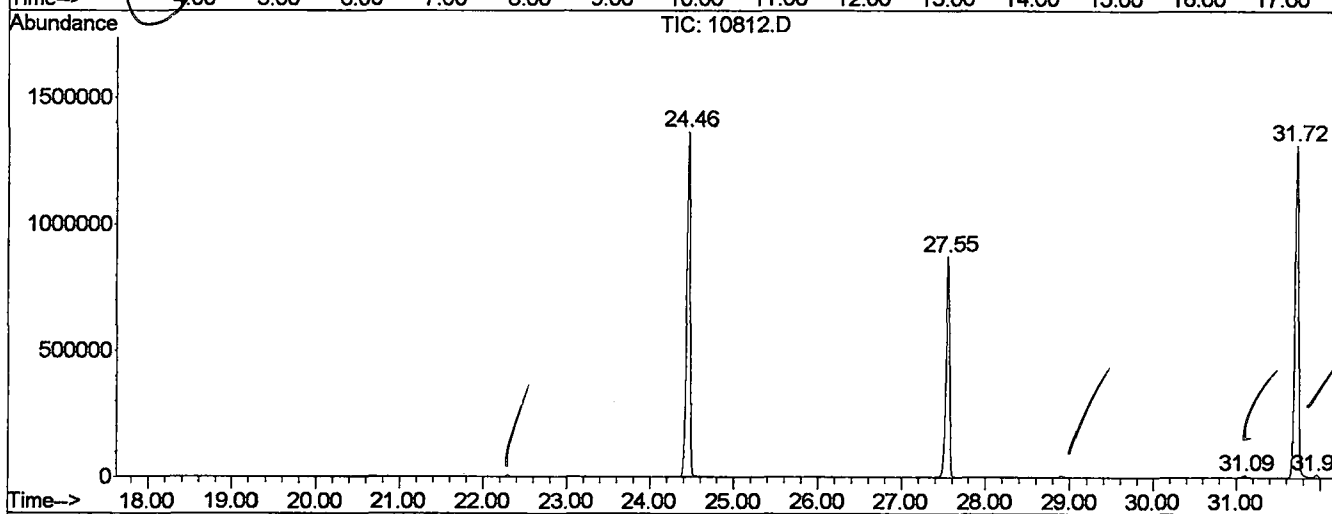
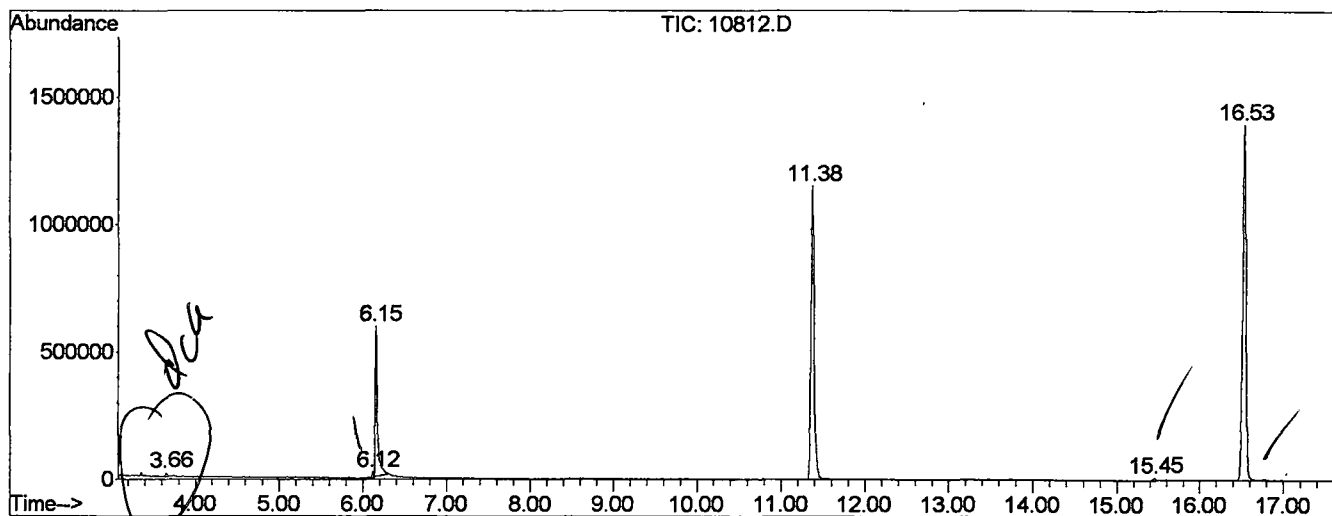
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.655	95	98	104	rVB4	14025	21432	0.52%	0.089%
2	6.123	512	518	520	rBV	25070	38367	0.92%	0.159%
3	6.152	520	523	548	rVB	588654	1107035	26.61%	4.601%
4	11.376	1400	1412	1432	rBV	1148327	2983795	71.74%	12.400%
5	15.447	2095	2105	2116	rBV5	8710	26260	0.63%	0.109%
6	16.534	2274	2290	2307	rBV	1391924	3707722	89.14%	15.409%
7	24.461	3620	3639	3652	rBV2	1364098	3854150	92.66%	16.017%
8	27.551	4147	4165	4176	rBV2	874385	2466476	59.30%	10.250%
9	31.094	4758	4768	4776	rVB2	8912	25056	0.60%	0.104%
10	31.717	4855	4874	4904	rBV2	1315275	4159445	100.00%	17.286%
11	31.958	4907	4915	4924	rVB5	11113	35209	0.85%	0.146%
12	39.931	6261	6272	6302	rBV2	1735395	3419925	82.22%	14.213%
13	43.151	6806	6820	6846	rBV2	1052151	2217310	53.31%	9.215%

Sum of corrected areas: 24062182

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\10812.D
 Operator : Nefliu
 Acquired : 22 May 2002 1:09 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 18
 Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\10812.D
Acq On : 22 May 2002 1:09 am
Sample : sample
Misc :
MS Integration Params: rteint.e

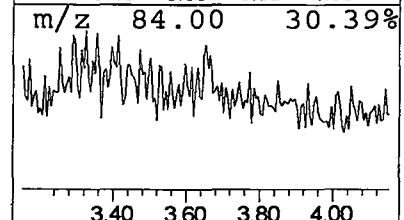
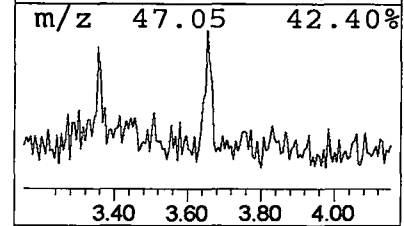
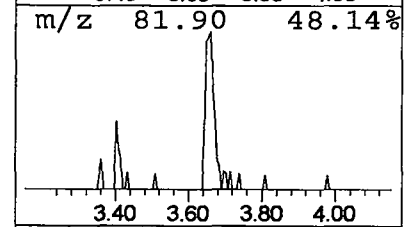
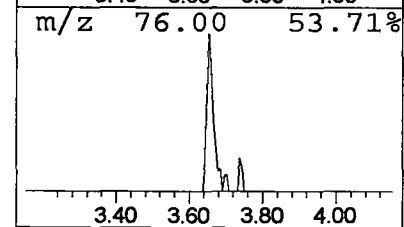
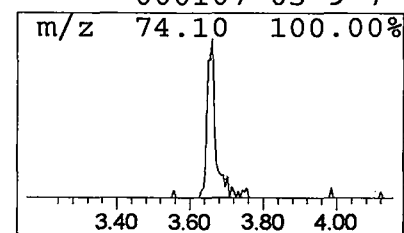
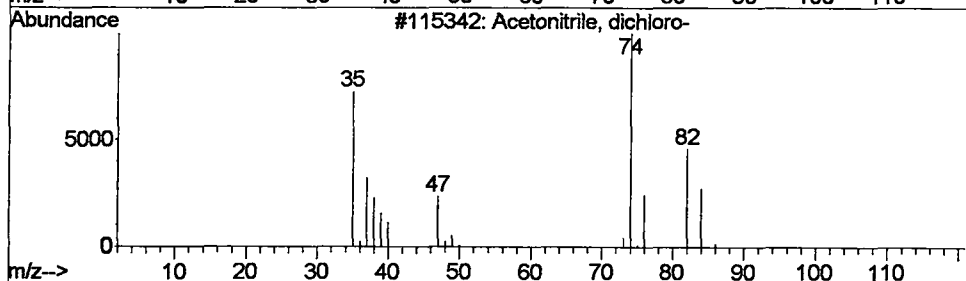
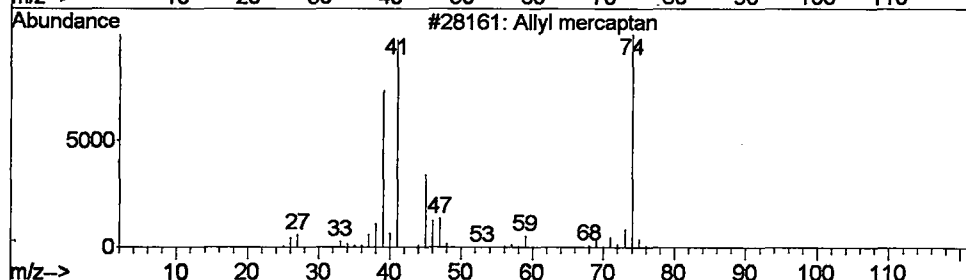
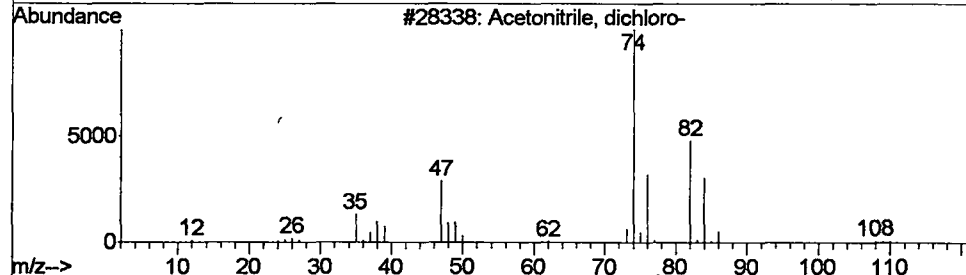
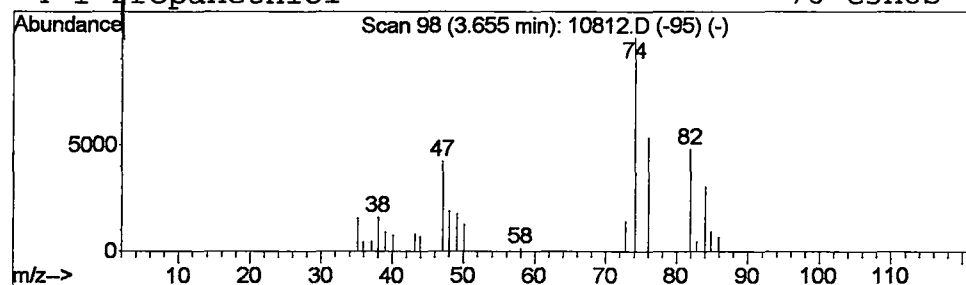
Vial: 18
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	0.29 ug/l	21432	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	72
2			Allyl mercaptan	74	C3H6S	000870-23-5	9
3			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	9
4			1-Propanethiol	76	C3H8S	000107-03-9	7



Library Search Compound Report

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Acq On : 22 May 2002 1:09 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 18

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

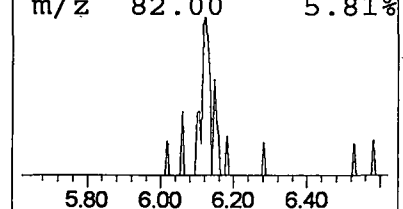
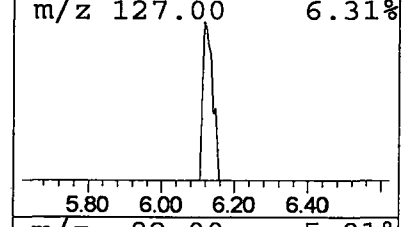
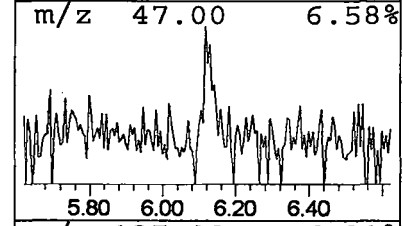
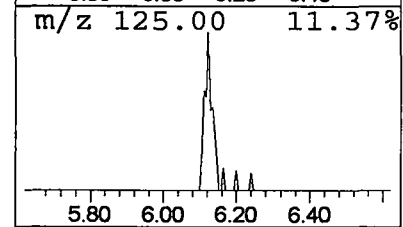
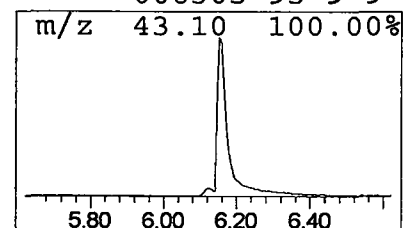
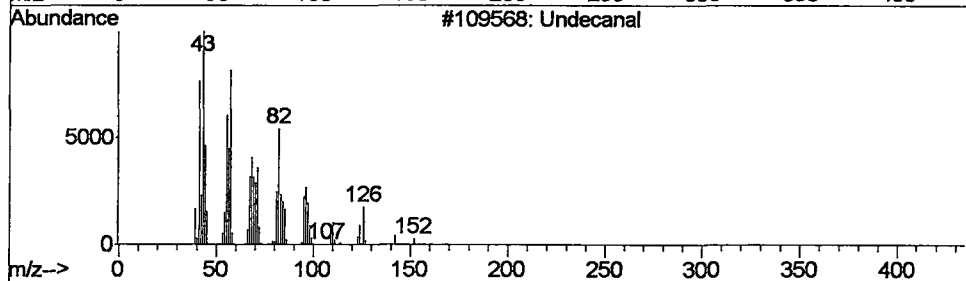
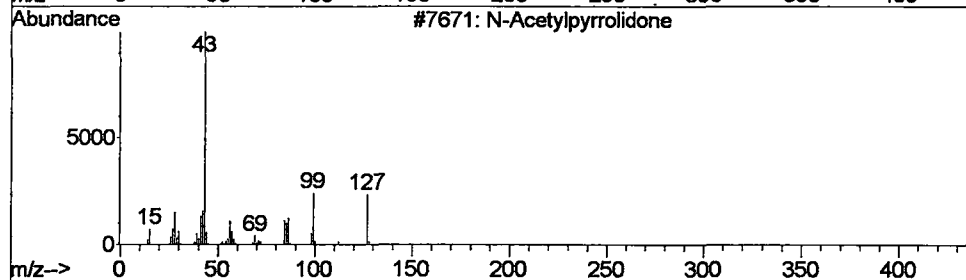
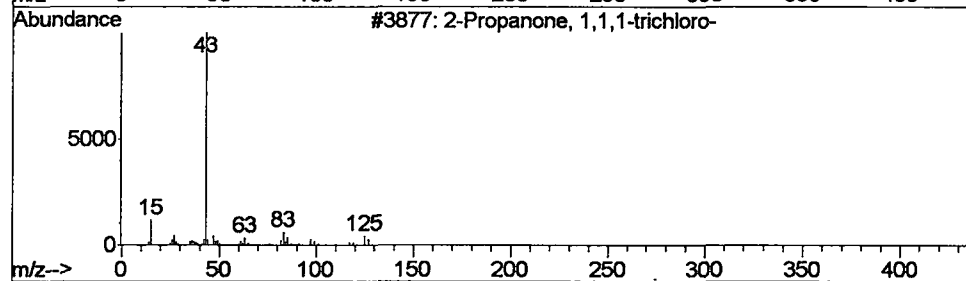
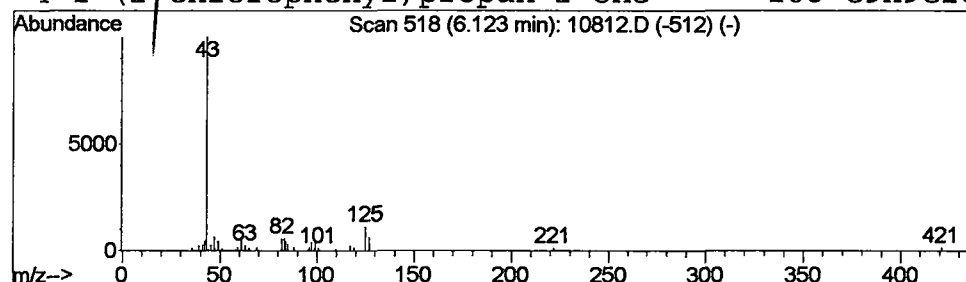
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.51 ug/l	38367	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	25
2			N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3			Undecanal	170	C11H22O	000112-44-7	9
4			1-(2-Chlorophenyl)propan-2-one	168	C9H9ClO	006305-95-9	9



Library Search Compound Report

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Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 18

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

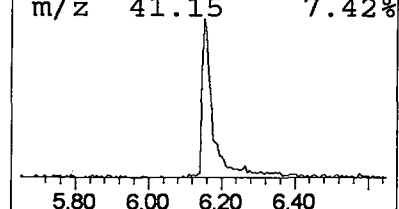
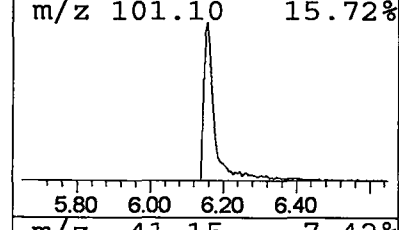
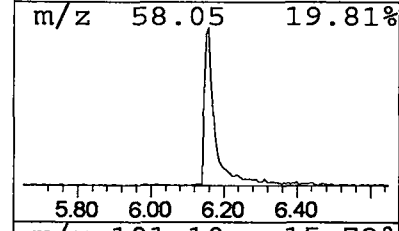
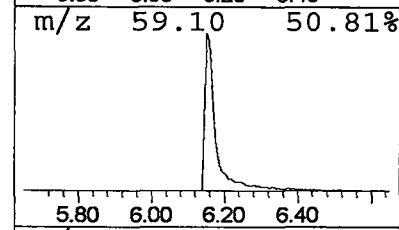
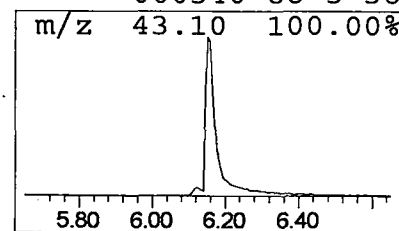
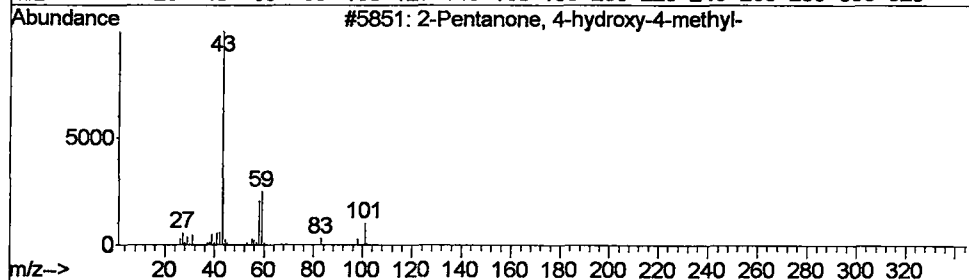
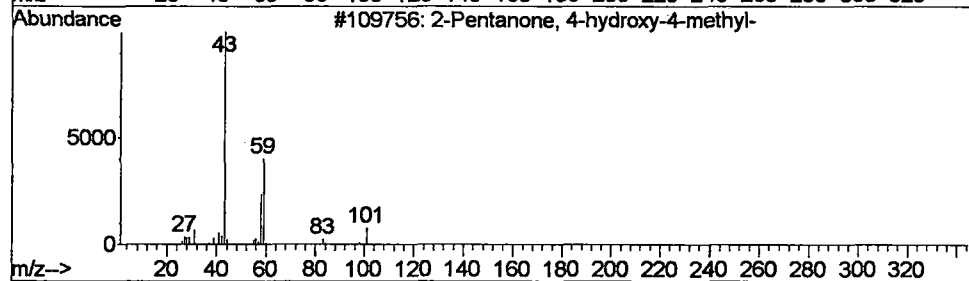
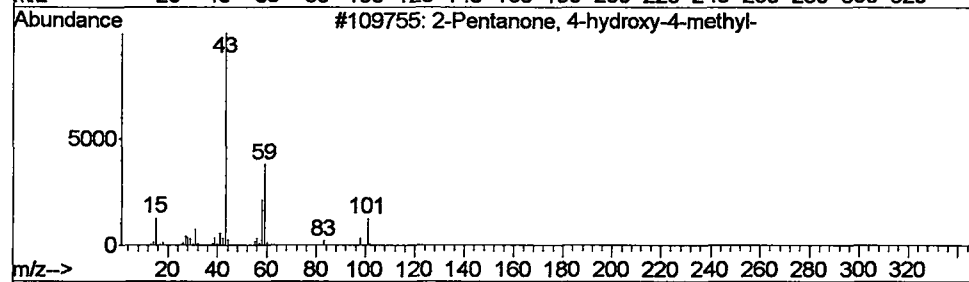
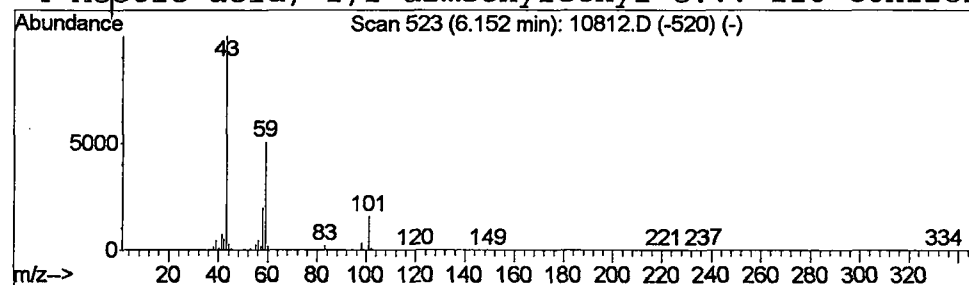
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	14.84 ug/l	1107040	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	42		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36		



Library Search Compound Report

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 Sample : sample
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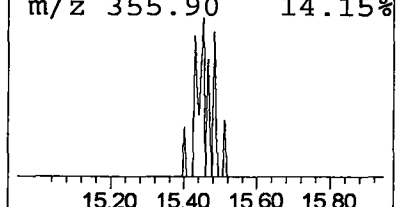
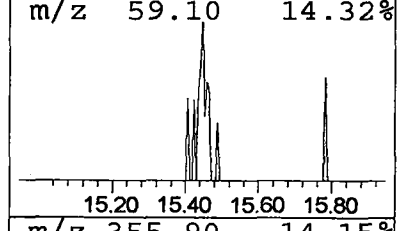
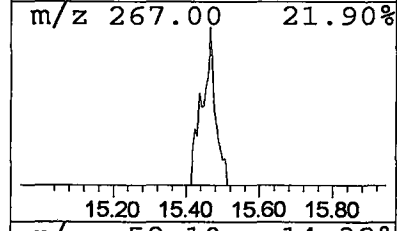
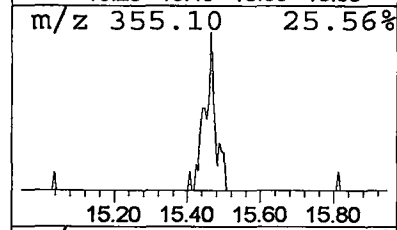
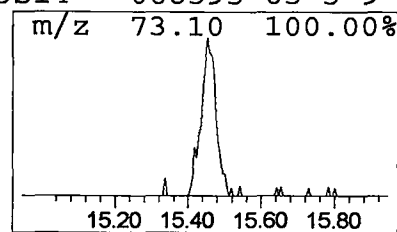
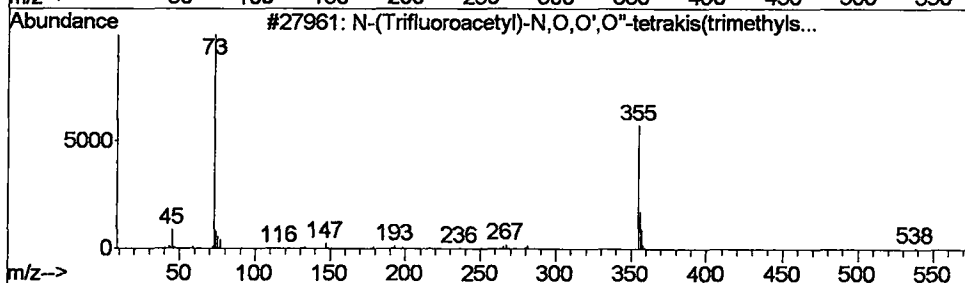
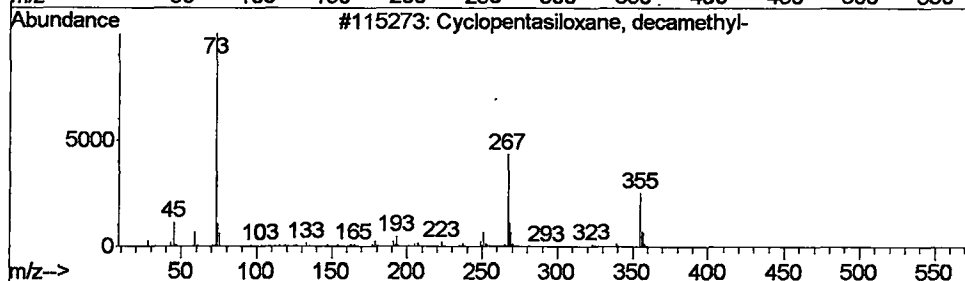
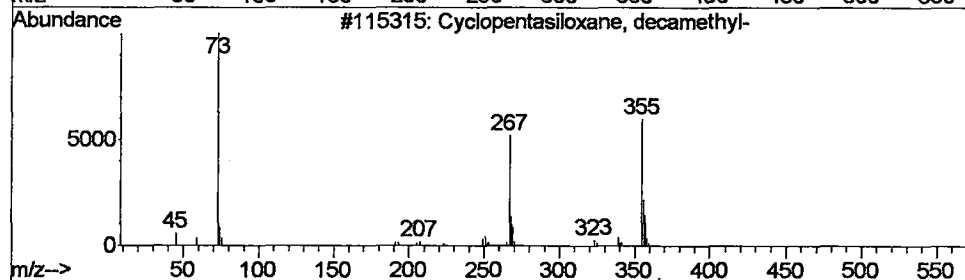
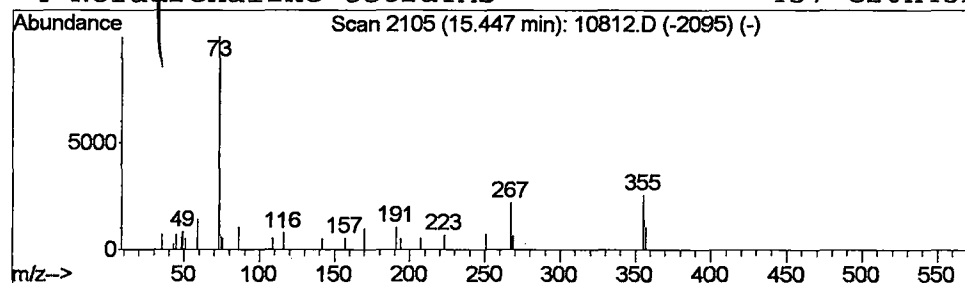
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	0.28 ug/l	26260	Naphthalene-d8	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	32
3			N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	1000072-26-7	12
4			Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	9



Library Search Compound Report

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

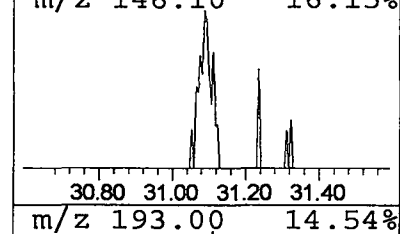
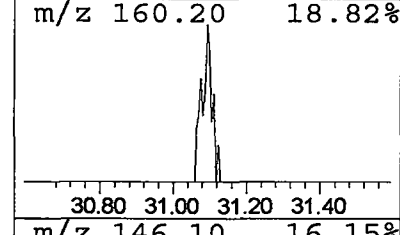
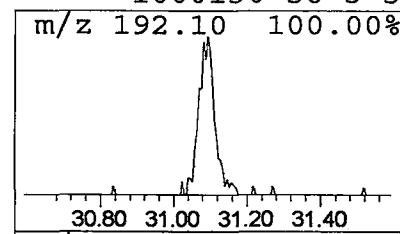
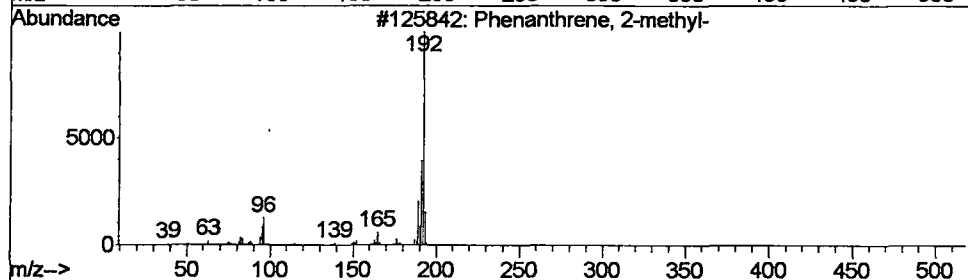
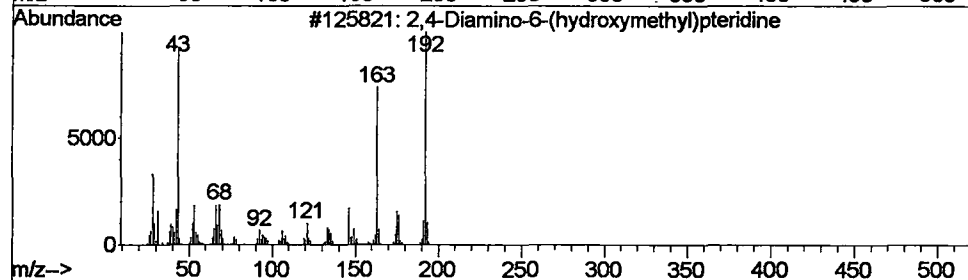
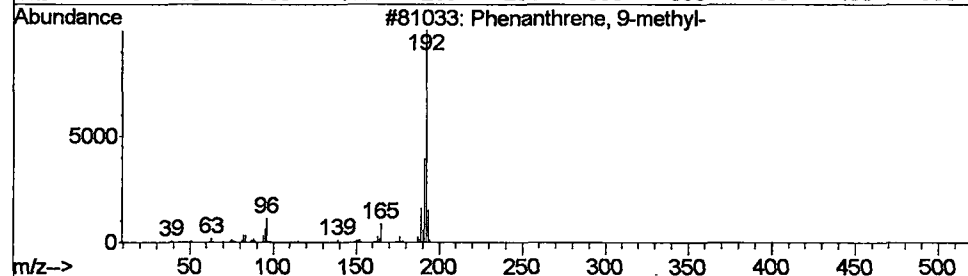
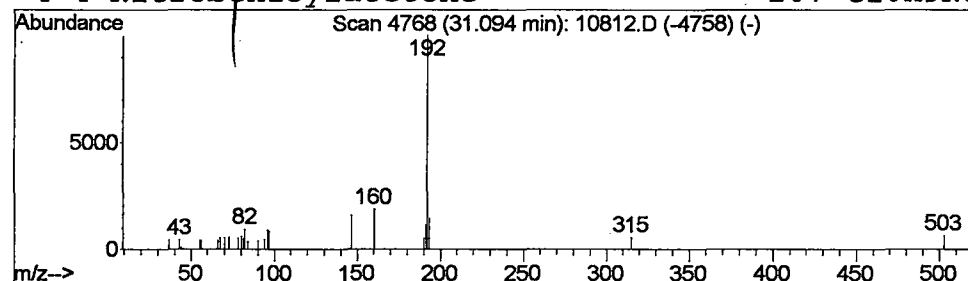
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 5 Phenanthrene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.24 ug/l	25056	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2			2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	53
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
4			4-Nitrobenzoylacetone	207	C10H9NO4	1000130-56-3	36



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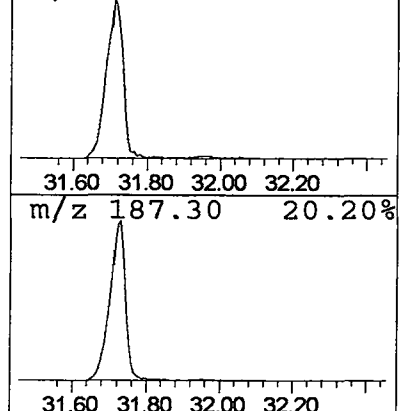
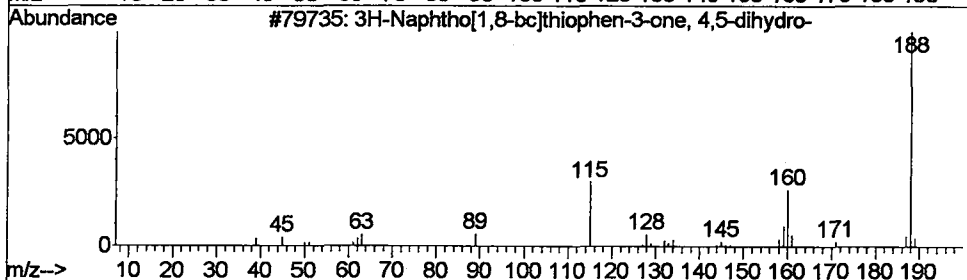
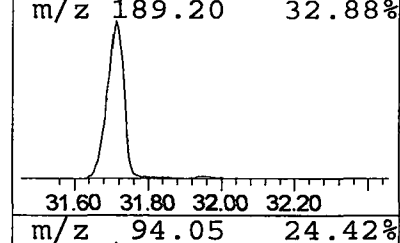
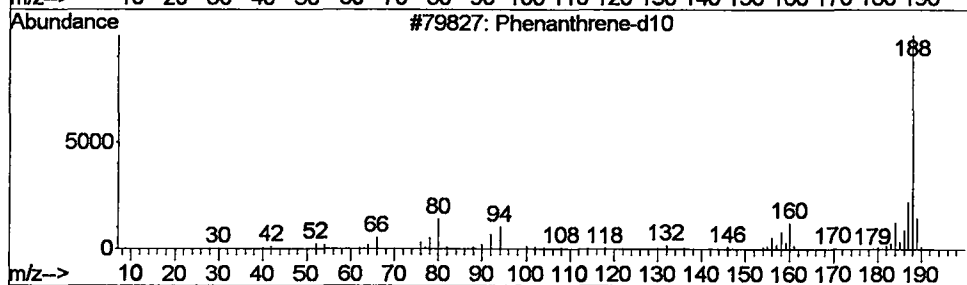
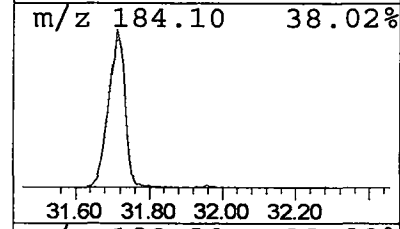
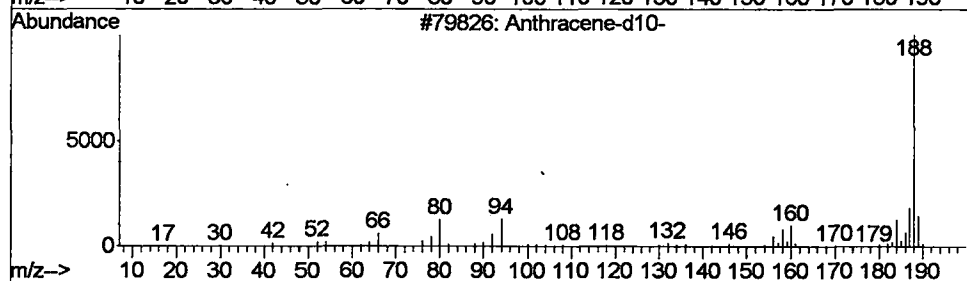
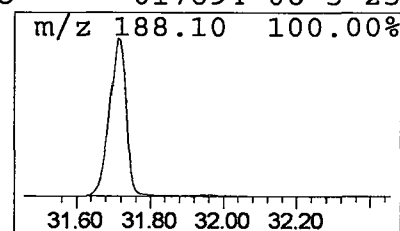
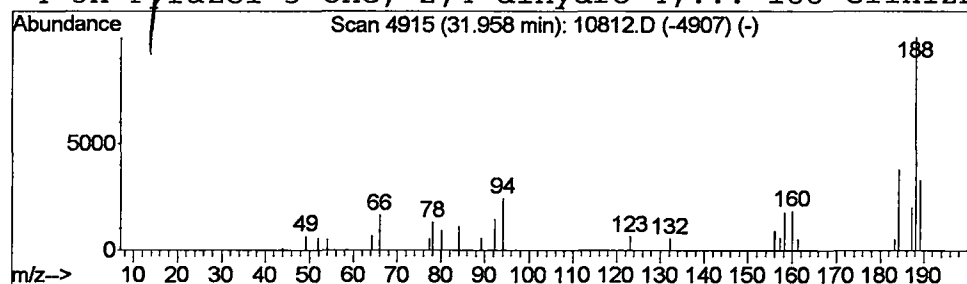
Vial: 18
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.34 ug/l	35209	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	72
2			Phenanthrene-d10	188	C14D10	001517-22-2	64
3			3H-Naphtho[1,8-bc]thiophen-3-one...	188	C11H8OS	010245-79-1	25
4			3H-Pyrazol-3-one, 2,4-dihydro-4,...	188	C11H12N2O	017694-06-3	23



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 22 May 2002 1:09 am
Data File: C:\MSDCHEM\1\DATA\020521\10812.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020521.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
✓ Acetonitrile, dic...	3.66	0.3	ug/l	21432	1	11.38	2983800	40.0
✓ 2-Propanone, 1,1,...	6.12	0.5	ug/l	38367	1	11.38	2983800	40.0
✓ 2-Pentanone, 4-hy...	6.15	14.8	ug/l	1107040	1	11.38	2983800	40.0
✓ Cyclopentasiloxan...	15.45	0.3	ug/l	26260	2	16.53	3707720	40.0
Phenanthrene, 9-m...	31.09	0.2	ug/l	25056	4	31.71	4159450	40.0
Anthracene-d10-	31.96	0.3	ug/l	35209	4	31.71	4159450	40.0