

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 13:48:52

Sample: AE10700
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 13:48 Ended: 5/20/02 13:48 Analyst: DLV
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE10700 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 13:49:25

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

Data File : C:\MSDCHEM\1\DATA\020513\10700.D

Vial: 11

Acq On : 13 May 2002 10:25 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 15 08:36:32 2002

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	431034	40.00	ug/l	0.00
10) Naphthalene-d8	16.53	136	1633930	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	875872	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1500196	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1216483	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	739384	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX	27.53	207	54224	7.75	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	77.50%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	2851	0.11	ug/l	Qvalue 79
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
10700.D SCAN020507.M Wed May 15 08:39:34 2002 Page 1

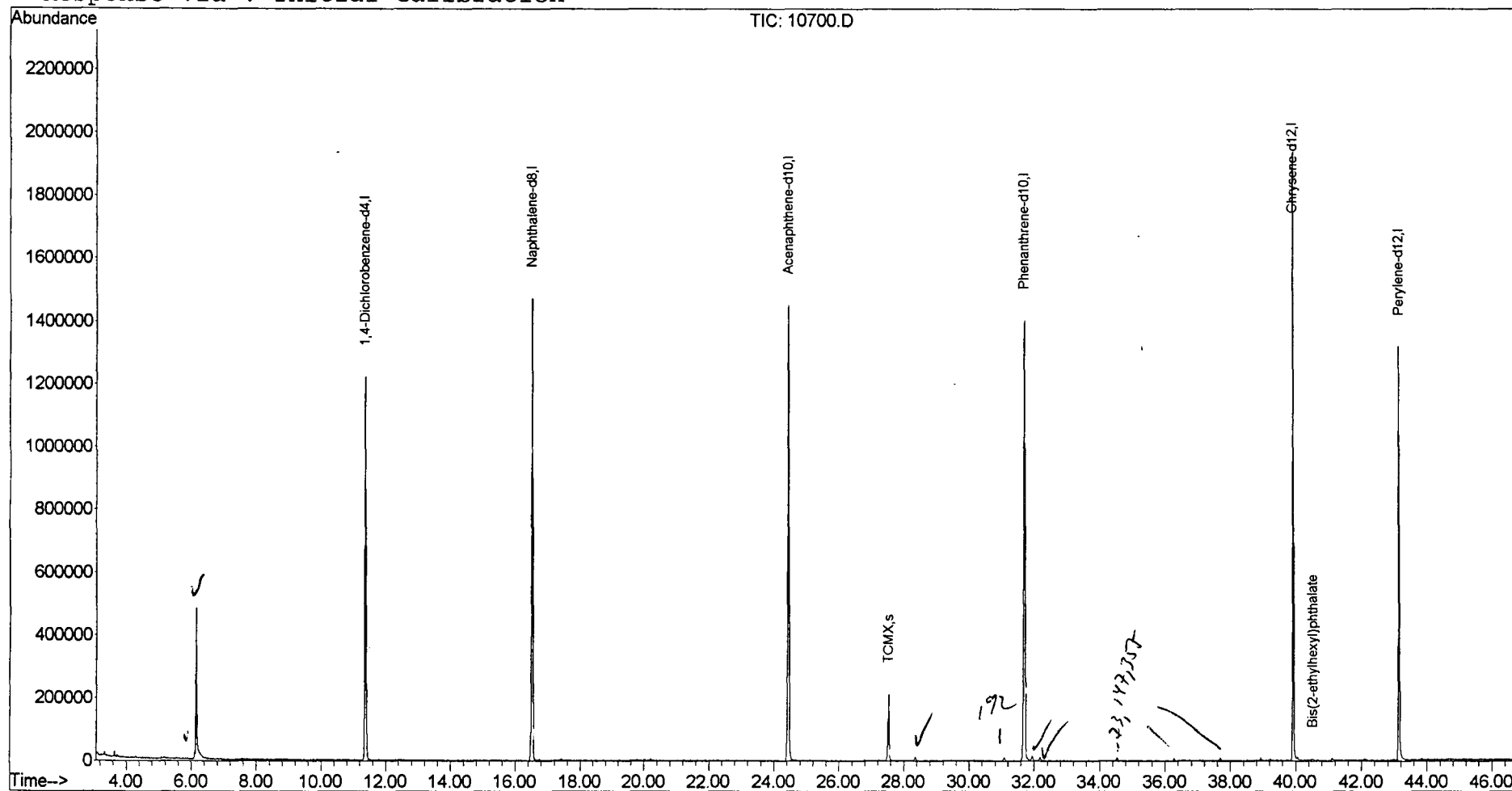
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10700.D
 Acq On : 13 May 2002 10:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 15 8:39 2002

Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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\10700.D
 Acq On : 13 May 2002 10:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 0.7 % 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

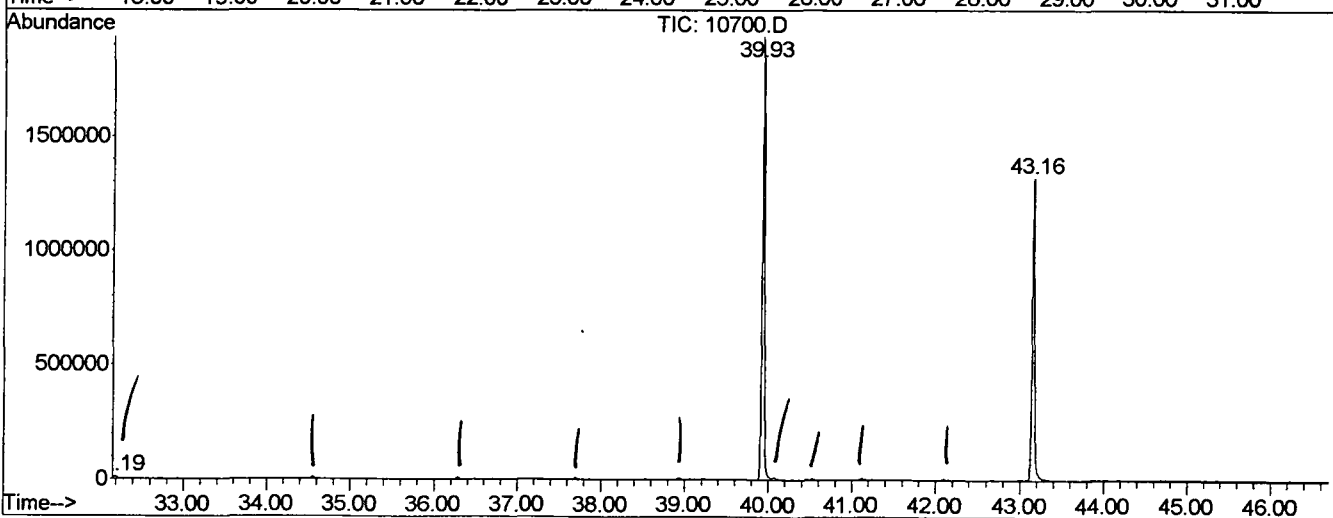
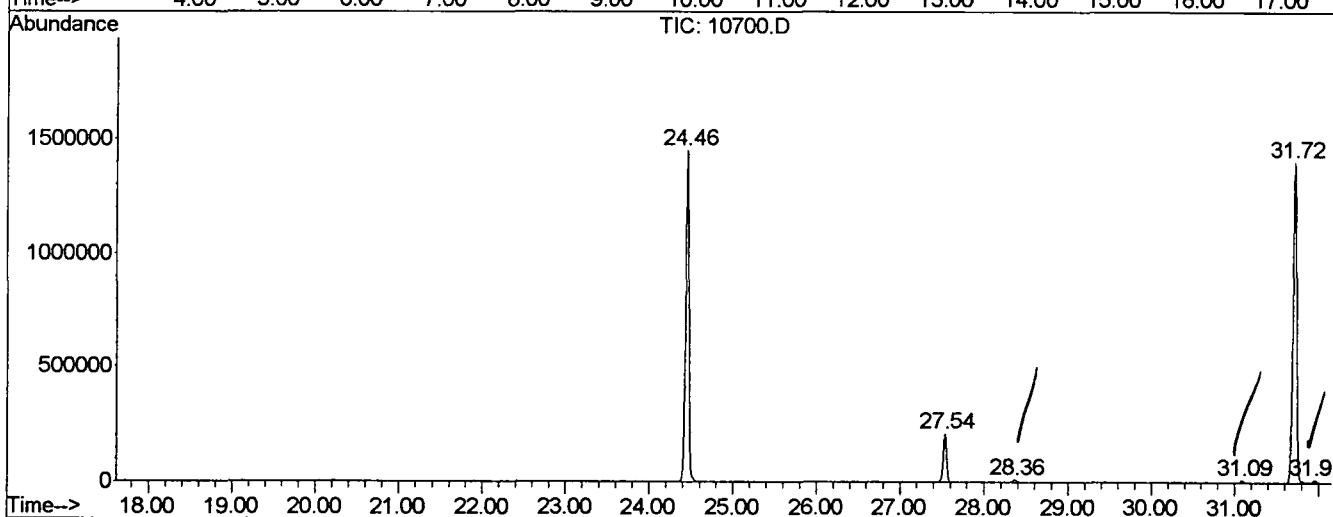
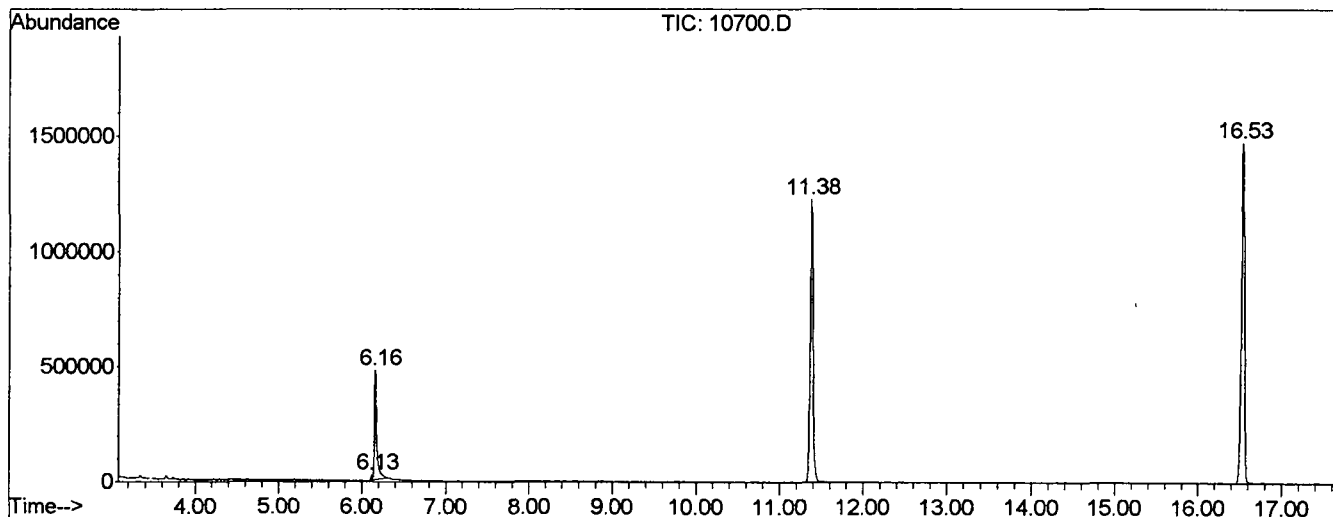
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr.. area	corr.. % max.	% of total
1	6.128	514	519	520	rBV2	25582	37857	0.89%	0.164%
2	6.158	520	524	549	rVB	474025	905595	21.41%	3.926%
3	11.375	1396	1412	1434	rBV	1222451	3038221	71.82%	13.171%
4	16.534	2275	2290	2309	rBV	1471635	3803281	89.91%	16.487%
5	24.460	3624	3639	3655	rBV2	1449702	3982818	94.15%	17.265%
6	27.539	4150	4163	4174	rBV3	210422	571197	13.50%	2.476%
7	28.362	4293	4303	4312	rVB4	12818	38370	0.91%	0.166%
8	31.094	4757	4768	4783	rVB3	10303	31792	0.75%	0.138%
9	31.717	4857	4874	4897	rBV2	1401806	4230098	100.00%	18.337%
10	31.952	4905	4914	4924	rVB3	12905	36510	0.86%	0.158%
11	32.187	4947	4954	4970	rVB2	10941	34340	0.81%	0.149%
12	39.931	6260	6272	6289	rBV2	1935350	3758990	88.86%	16.295%
13	43.156	6811	6821	6842	rBV	1317505	2599284	61.45%	11.268%

Sum of corrected areas: 23068353

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020513\10700.D
 Operator : Nefliu
 Acquired : 13 May 2002 10:25 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 11
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020513\10700.D
 Acq On : 13 May 2002 10:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

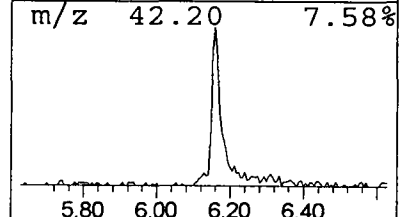
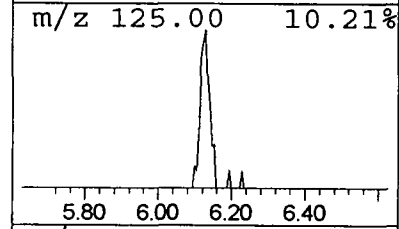
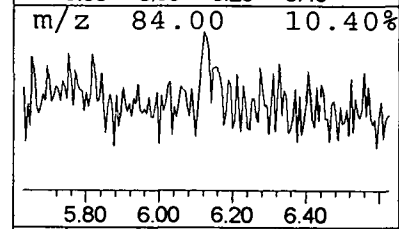
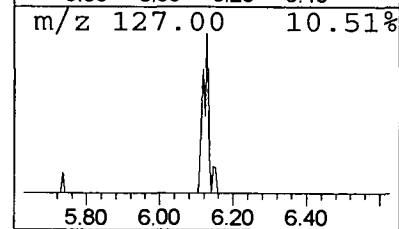
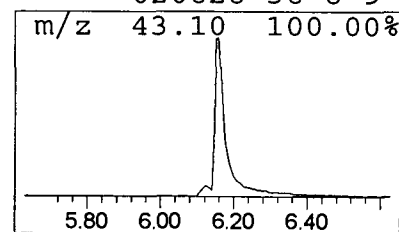
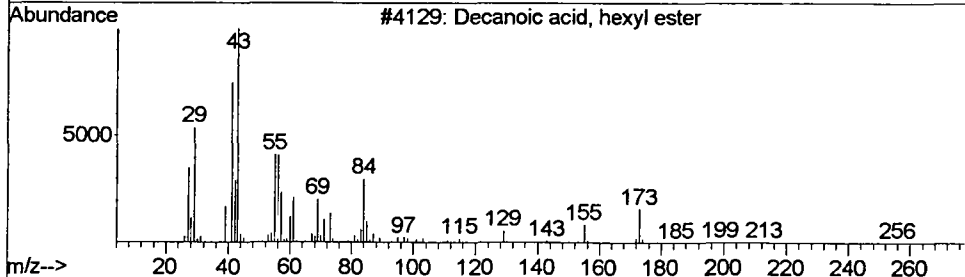
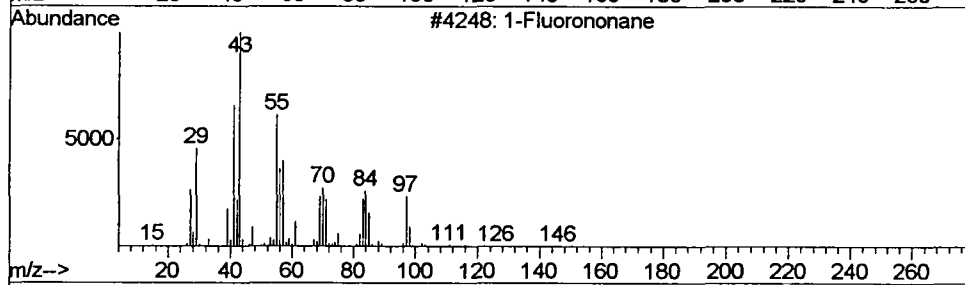
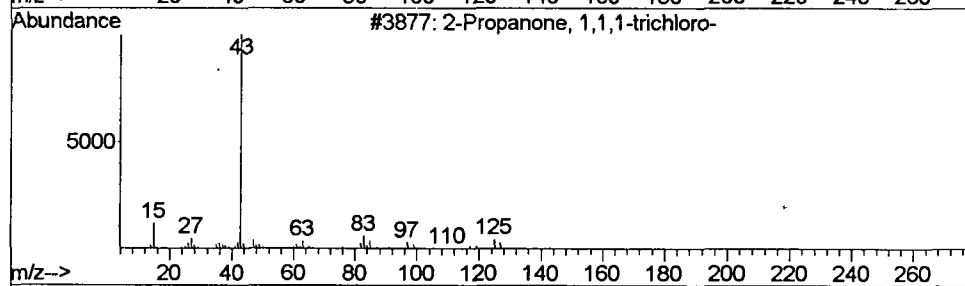
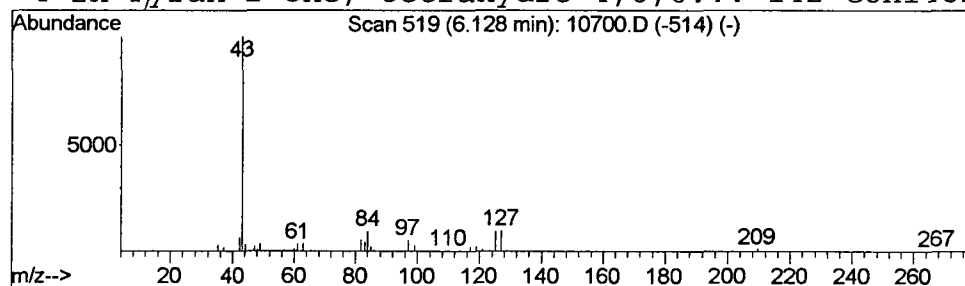
Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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.
6.13	0.50 ug/l	37857	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	53
2		1-Fluor-nonane	146	C9H19F	000463-18-3	12
3		Decanoic acid, hexyl ester	256	C16H32O2	010448-26-7	9
4		2H-Pyran-2-one, tetrahydro-4,6,6...	142	C8H14O2	020628-36-8	9



Data File : C:\MSDCHEM\1\DATA\020513\10700.D
 Acq On : 13 May 2002 10:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

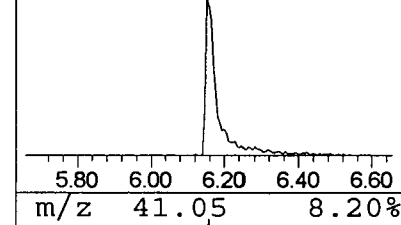
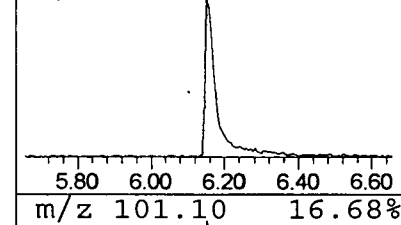
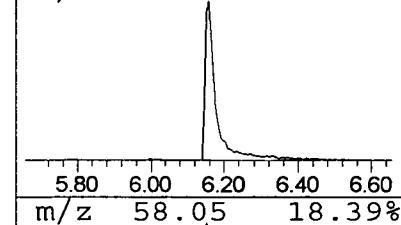
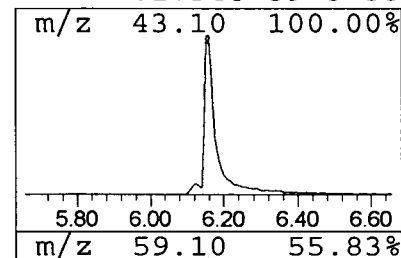
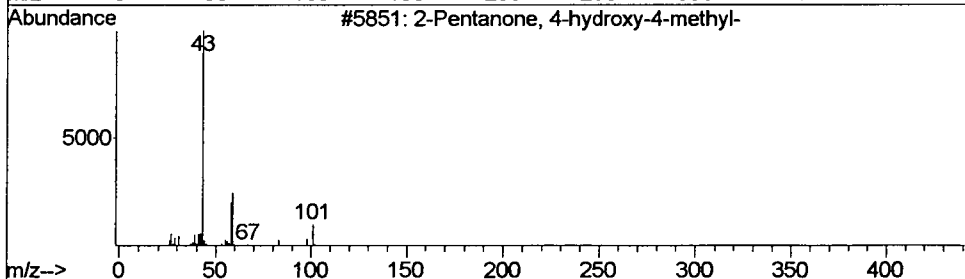
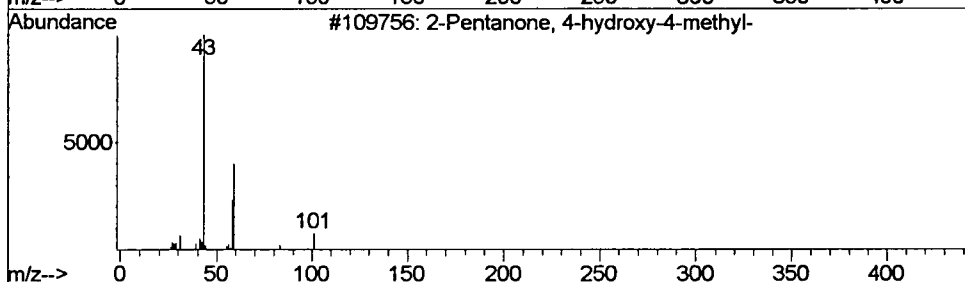
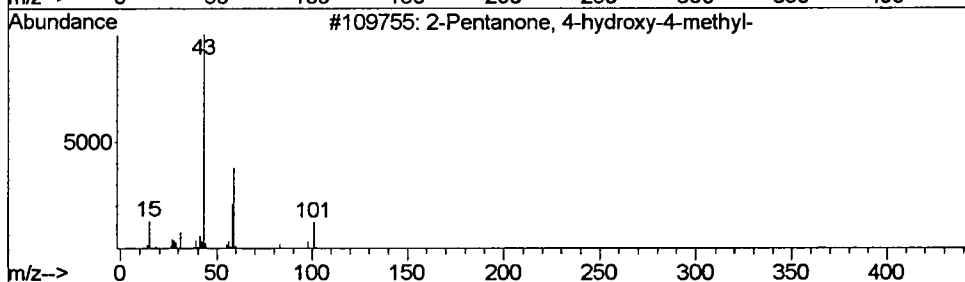
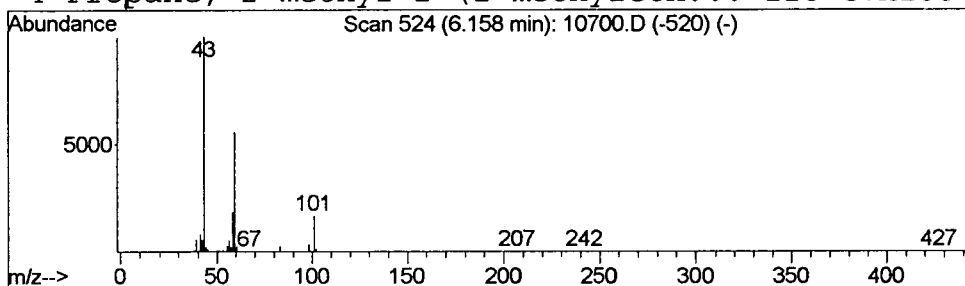
Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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.
6.16	11.92 ug/l	905595	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	50
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	33



Data File : C:\MSDCHEM\1\DATA\020513\10700.D
 Acq On : 13 May 2002 10:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

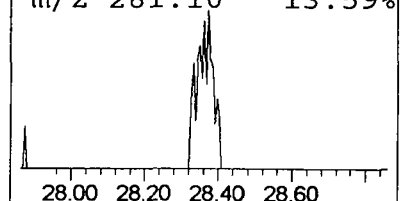
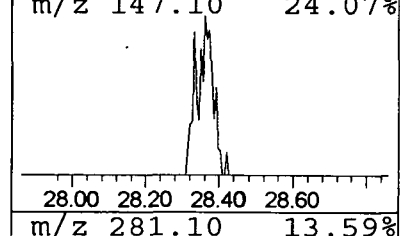
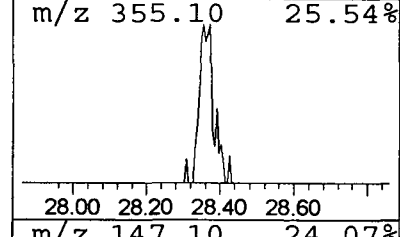
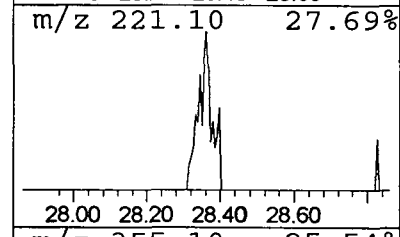
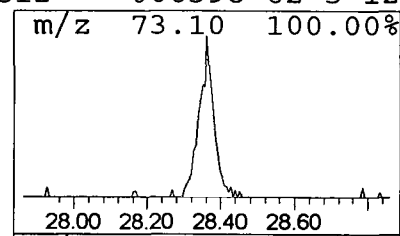
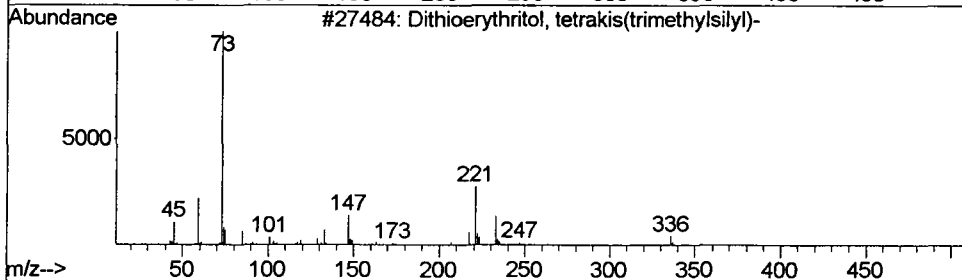
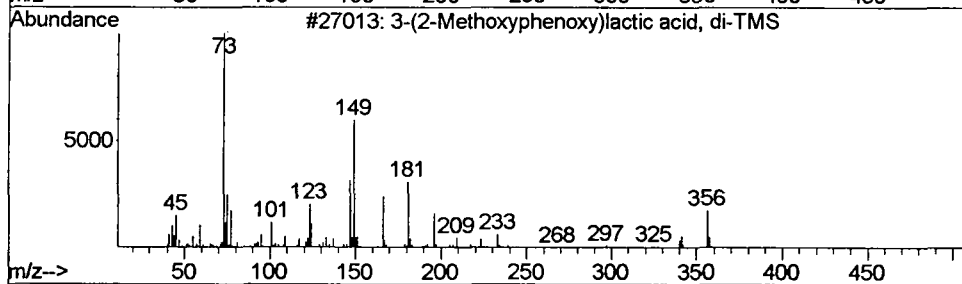
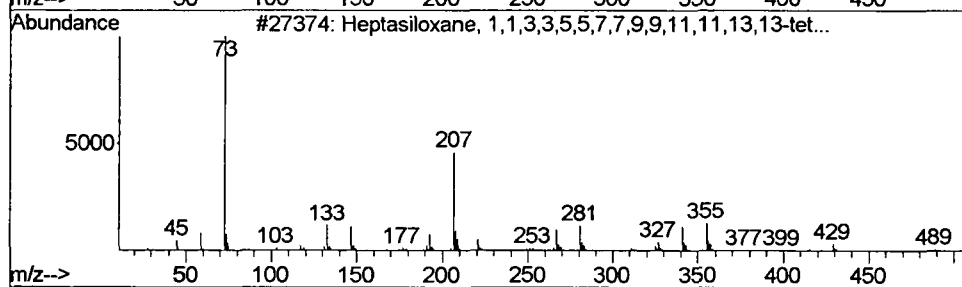
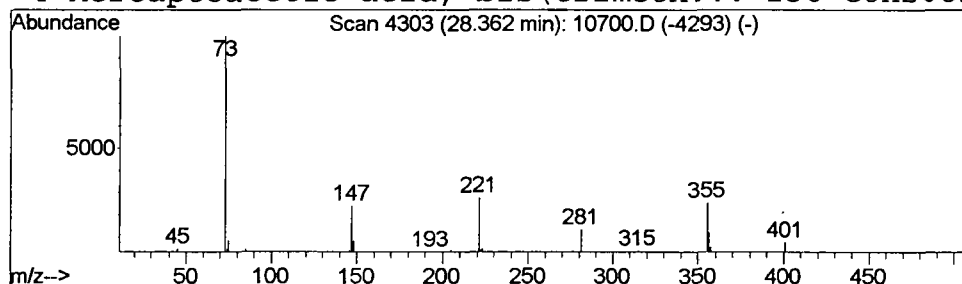
Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Heptasiloxane, 1,1,3,3,5,5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.36	0.36 ug/l	38370	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	25
2			3-(2-Methoxyphenoxy)lactic acid,...	356	C16H28O5Si2	1000072-00-0	17
3			Dithioerythritol, tetrakis(trimeth...	442	C16H42O2S2Si4	1000079-30-7	17
4			Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	12



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10700.D
 Acq On : 13 May 2002 10:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

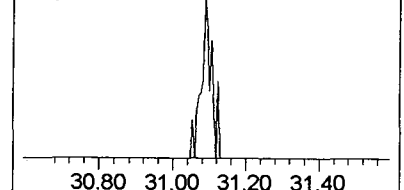
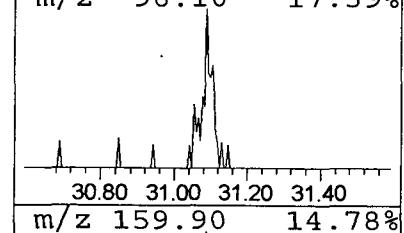
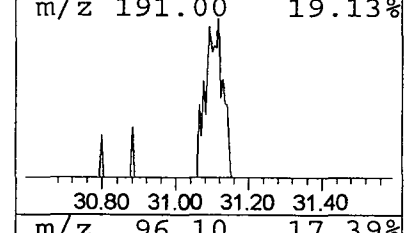
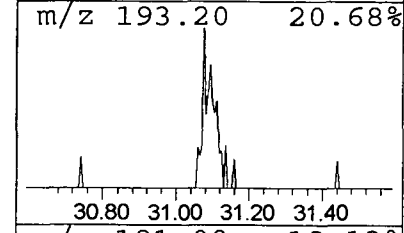
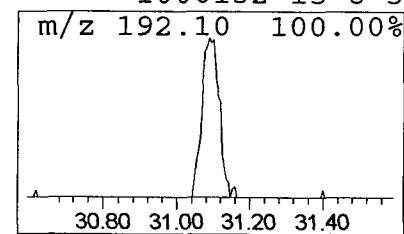
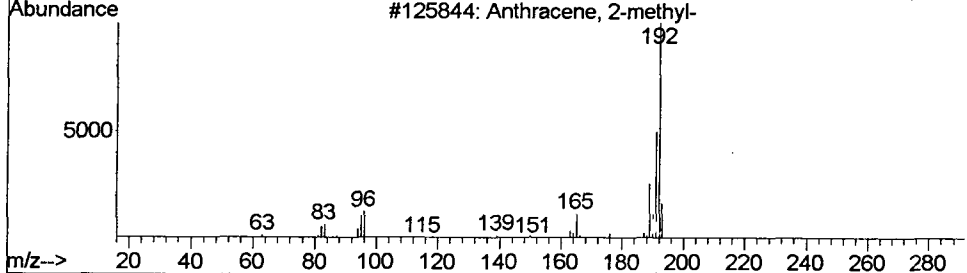
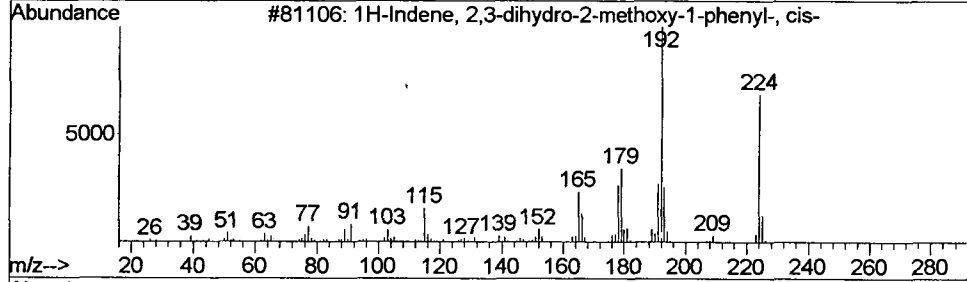
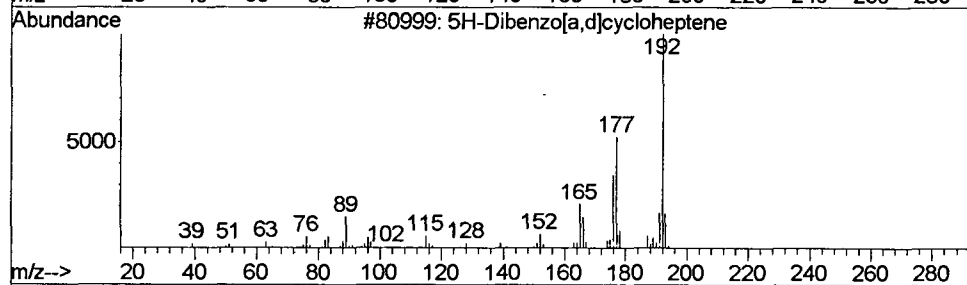
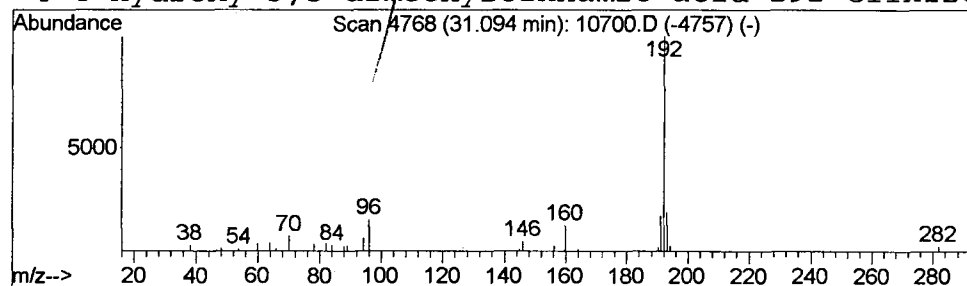
Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 5H-Dibenzo[a,d]cycloheptene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.30 ug/l	31792	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45
2			1H-Indene, 2,3-dihydro-2-methoxy...	224	C16H16O	111864-82-5	45
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4			4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	33



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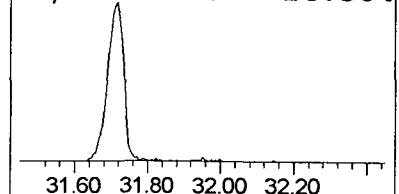
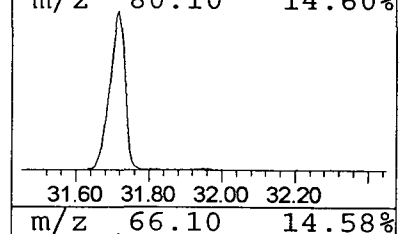
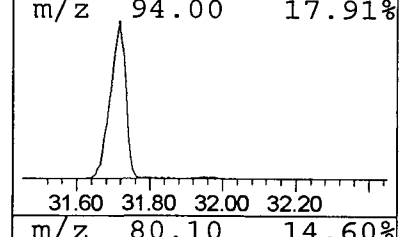
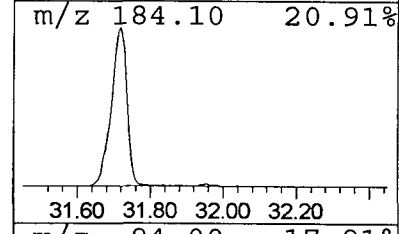
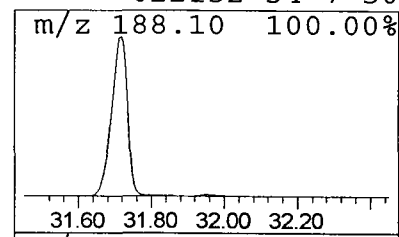
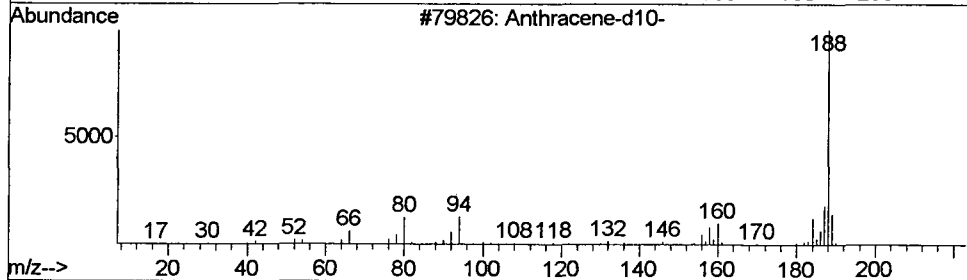
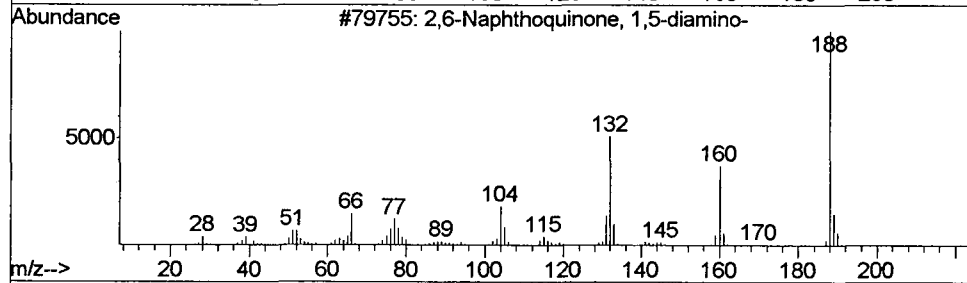
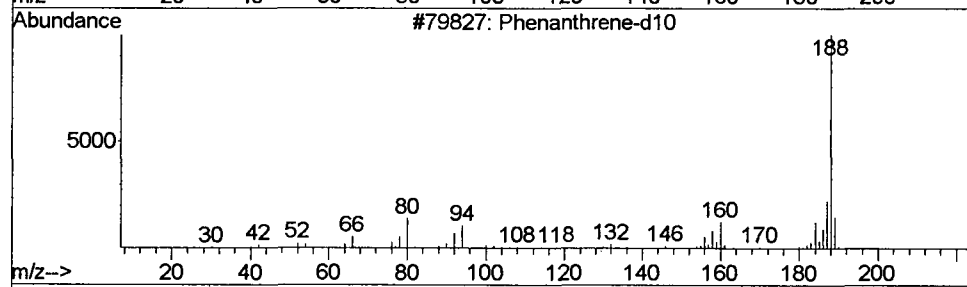
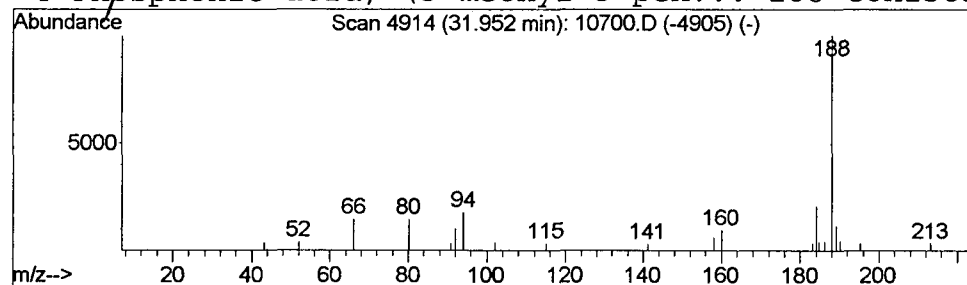
Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 5 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.35 ug/l	36510	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene-d10	188	C14D10	001517-22-2	72
2		2,6-Naphthoquinone, 1,5-diamino-	188	C10H8N2O2	002783-59-7	52
3		Anthracene-d10-	188	C14D10	001719-06-8	50
4		Phosphonic acid, (3-methyl-3-pen...	188	C8H13O3P	022152-34-7	50



Data File : C:\MSDCHEM\1\DATA\020513\10700.D

Acq On : 13 May 2002 10:25 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 11

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

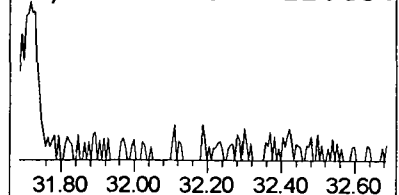
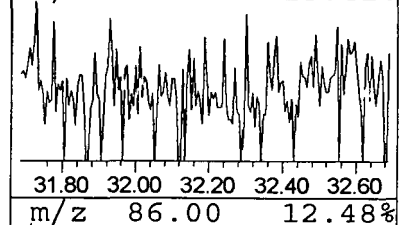
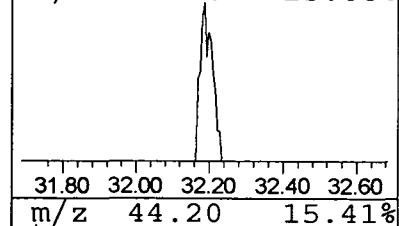
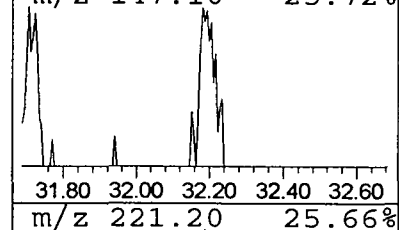
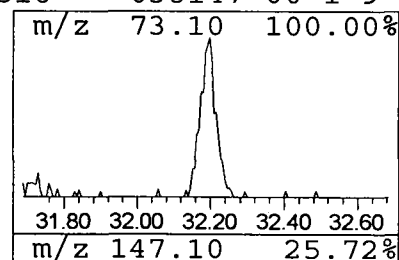
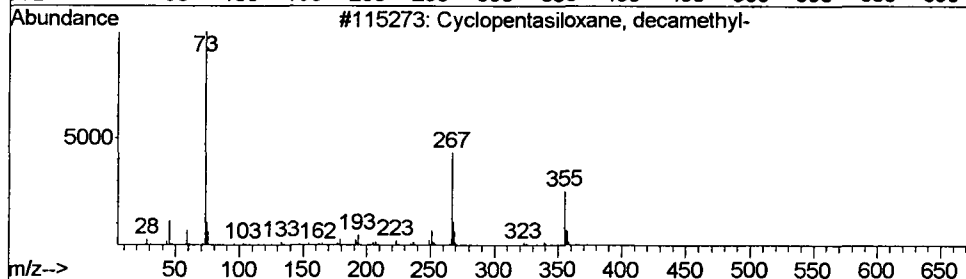
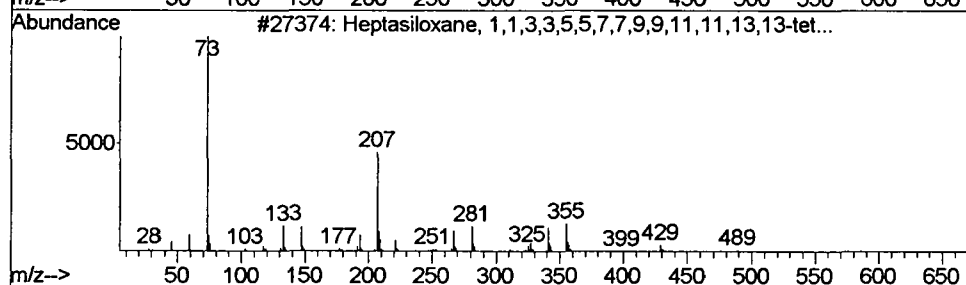
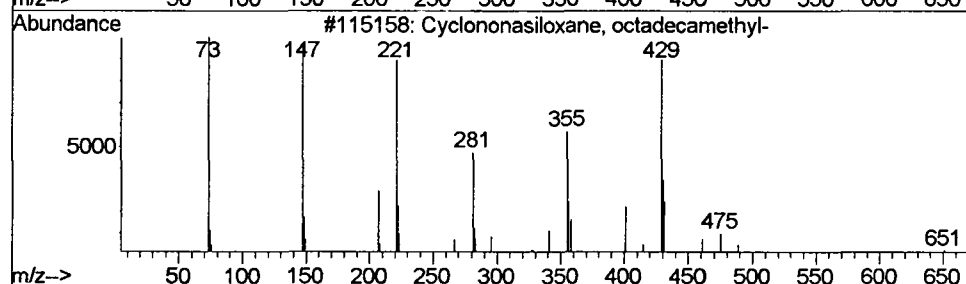
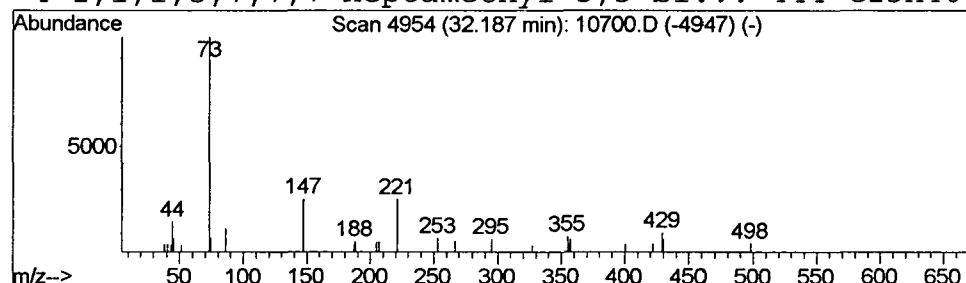
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 6 Cyclononasiloxane, octadeca... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.19	0.32 ug/l	34340	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	34
2		Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	10
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	9
4		1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	9



Operator ID: Nefliu Date Acquired: 13 May 2002 10:25 pm
Data File: C:\MSDCHEM\1\DATA\020513\10700.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,...	6.13	0.5	ug/l	37857	1	11.38	3038220	40.0
2-Pentanone, 4-hy...	6.16	11.9	ug/l	905595	1	11.38	3038220	40.0
Heptasiloxane, 1,...	28.36	0.4	ug/l	38370	4	31.72	4230100	40.0
5H-Dibenzo[a,d]cy...	31.09	0.3	ug/l	31792	4	31.72	4230100	40.0
Phenanthrene-d10	31.95	0.3	ug/l	36510	4	31.72	4230100	40.0
Cyclonenasiloxane...	32.19	0.3	ug/l	34340	4	31.72	4230100	40.0