

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 13:43:36

Sample: AE10699
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 13:43 Ended: 5/20/02 13:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		10.0

Comments for Sample AE10699 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 13:47:40

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

Data File : C:\MSDCHEM\1\DATA\020513\10699.D
 Acq On : 13 May 2002 9:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 15 08:34:19 2002

Vial: 10
 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	513253	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1906318	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1014440	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1747497	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1425209	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	883373	40.00	ug/l	-0.02

System Monitoring Compounds						
27) TCMX	27.54	207	67741	8.36	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	83.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Diethyl phthalate	27.22	149	28994	0.92	ug/l	89
35) Di-n-butylphthalate	34.81	149	20584	0.37	ug/l	97

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 10699.D SCAN020507.M Wed May 15 08:35:59 2002 Page 1

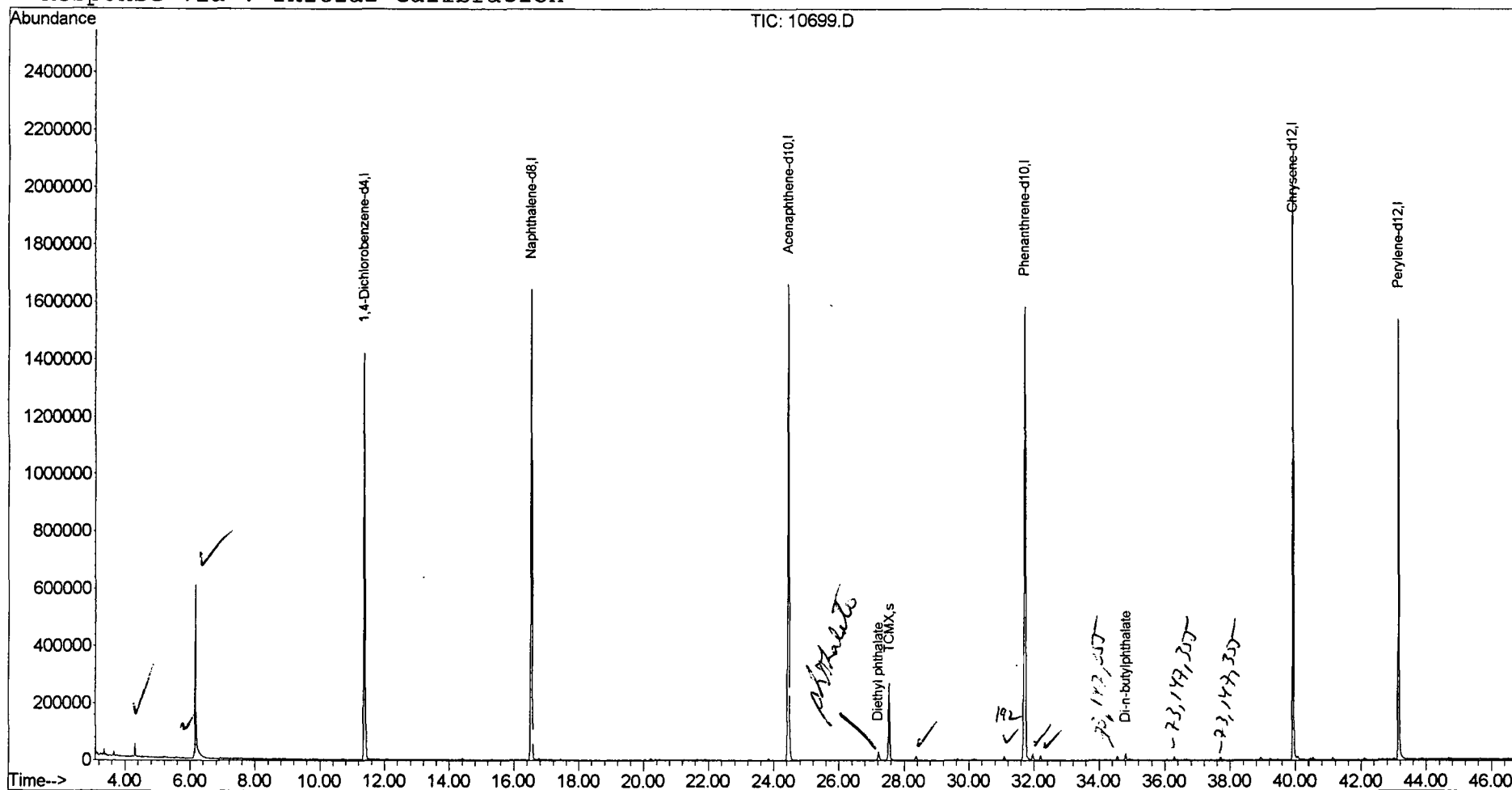
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10699.D
 Acq On : 13 May 2002 9:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 15 8:35 2002

Vial: 10
 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



Data File : C:\MSDCHEM\1\DATA\020513\10699.D

Acq On : 13 May 2002 9:25 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 10

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

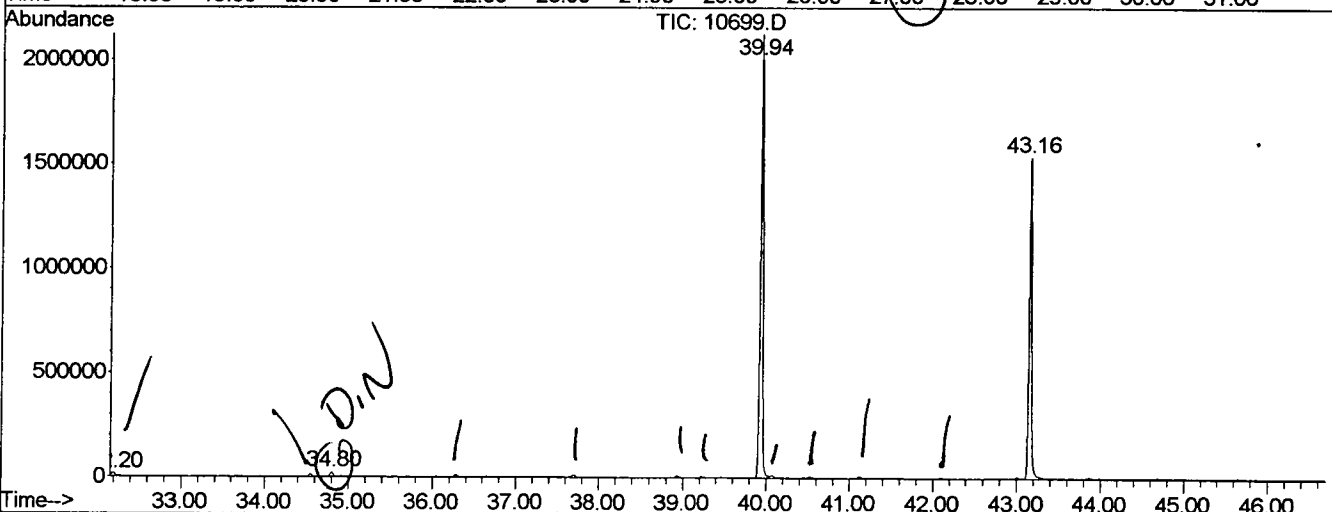
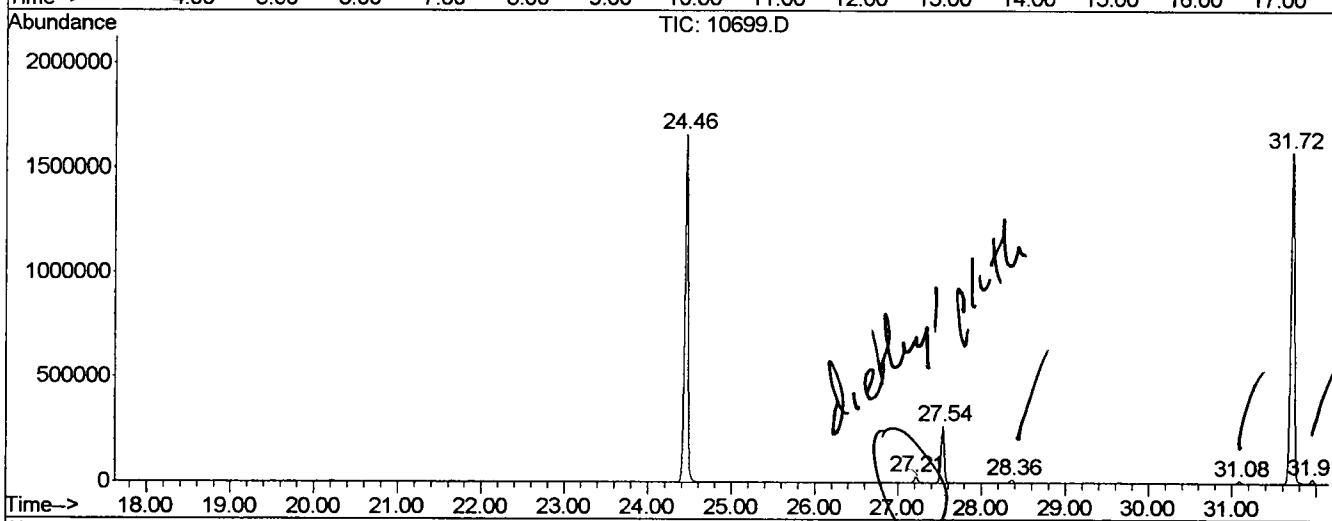
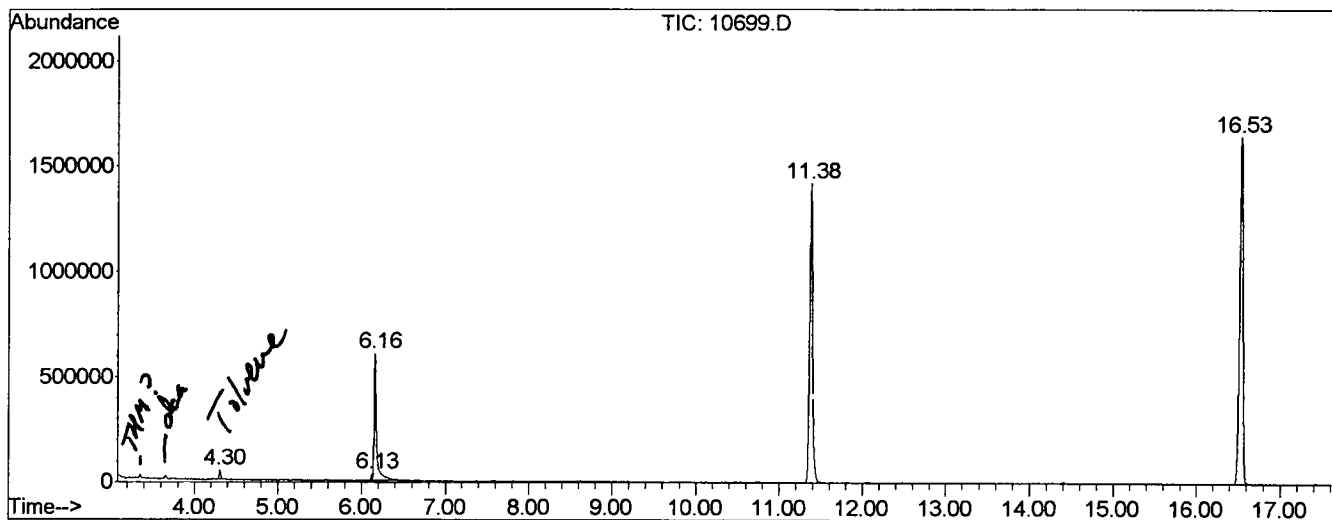
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.301	203	208	217	rVB	45726	61668	1.25%	0.225%
2	6.129	514	519	520	rBV	32397	45383	0.92%	0.165%
3	6.158	520	524	564	rVB	604520	1218777	24.69%	4.443%
4	11.376	1401	1412	1432	rBV	1419168	3535346	71.63%	12.887%
5	16.534	2276	2290	2309	rBV	1641625	4407202	89.29%	16.065%
6	24.460	3621	3639	3657	rBV	1663010	4646121	94.13%	16.935%
7	27.210	4099	4107	4128	rVB3	29765	91072	1.85%	0.332%
8	27.539	4146	4163	4173	rBV3	269588	745348	15.10%	2.717%
9	28.362	4290	4303	4314	rBV5	15936	51949	1.05%	0.189%
10	31.082	4755	4766	4779	rVB4	14252	42440	0.86%	0.155%
11	31.717	4850	4874	4896	rBV2	1582438	4935795	100.00%	17.991%
12	31.958	4903	4915	4926	rBV3	21312	57630	1.17%	0.210%
13	32.199	4944	4956	4965	rBV3	16384	53883	1.09%	0.196%
14	34.801	5388	5399	5410	rBV4	23085	60683	1.23%	0.221%
15	39.937	6261	6273	6288	rBV2	2120277	4347045	88.07%	15.845%
16	43.157	6808	6821	6848	rBV2	1534853	3133913	63.49%	11.423%

Sum of corrected areas: 27434255

File : C:\MSDCHEM\1\DATA\020513\10699.D
 Operator : Nefliu
 Acquired : 13 May 2002 9:25 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 10
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020513\10699.D
Acq On : 13 May 2002 9:25 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

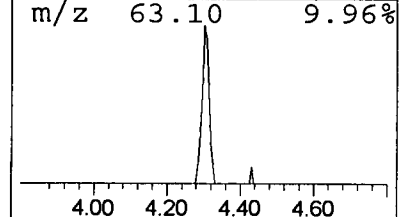
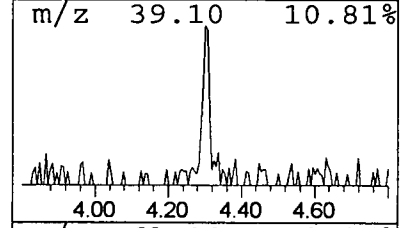
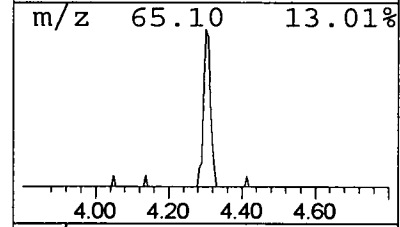
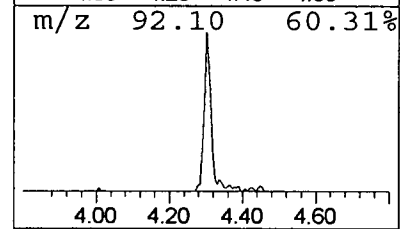
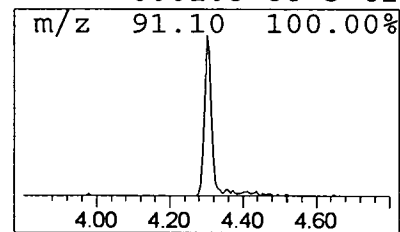
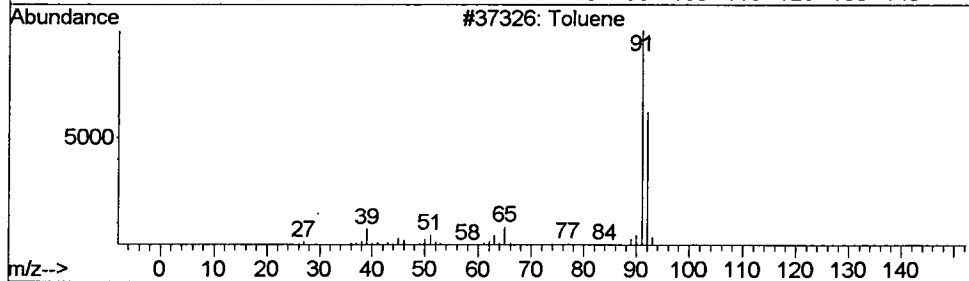
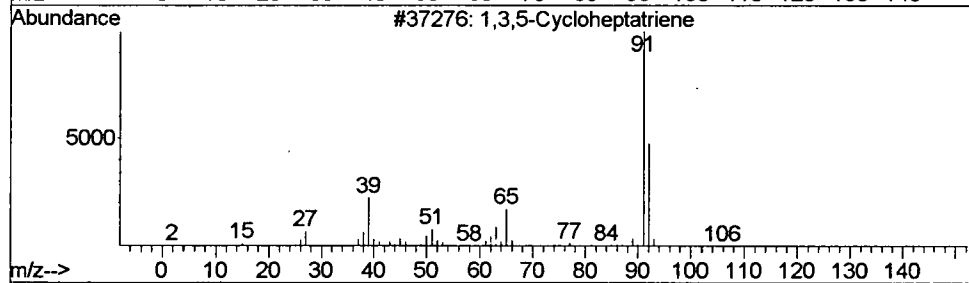
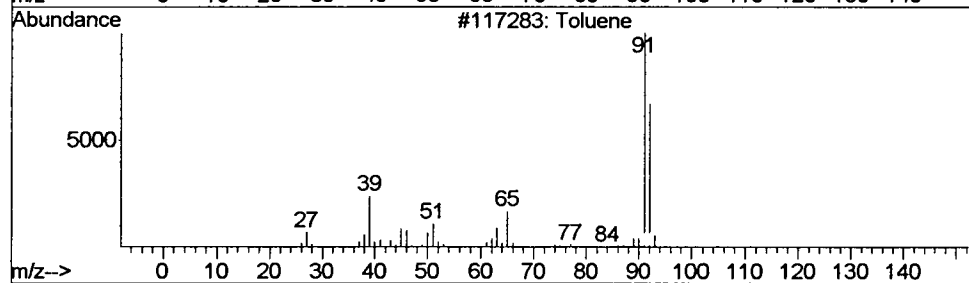
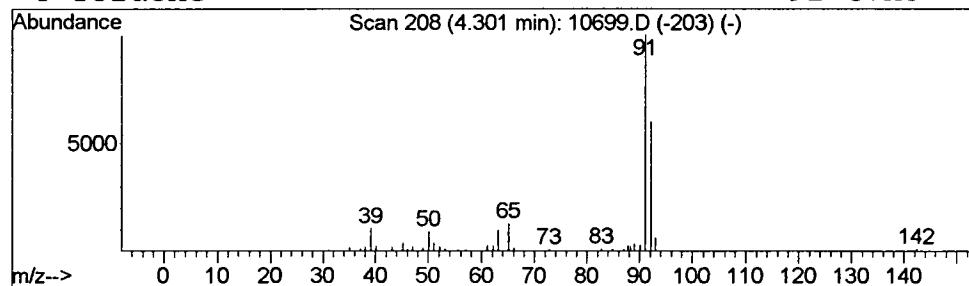
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	0.70 ug/l	61668	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Toluene	92	C7H8	000108-88-3	87
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	74
3			Toluene	92	C7H8	000108-88-3	64
4			Toluene	92	C7H8	000108-88-3	62



Data File : C:\MSDCHEM\1\DATA\020513\10699.D
 Acq On : 13 May 2002 9:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

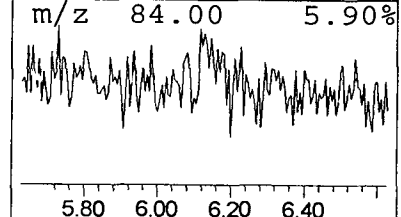
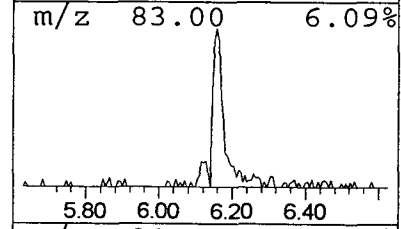
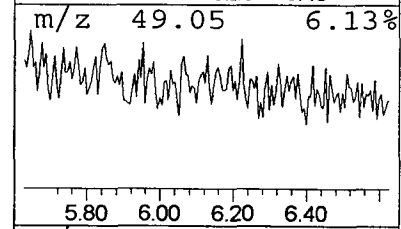
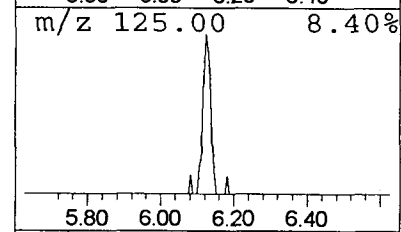
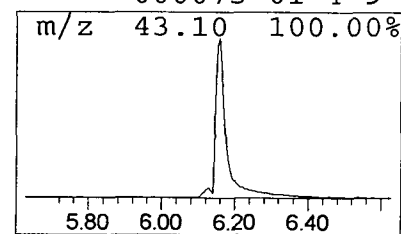
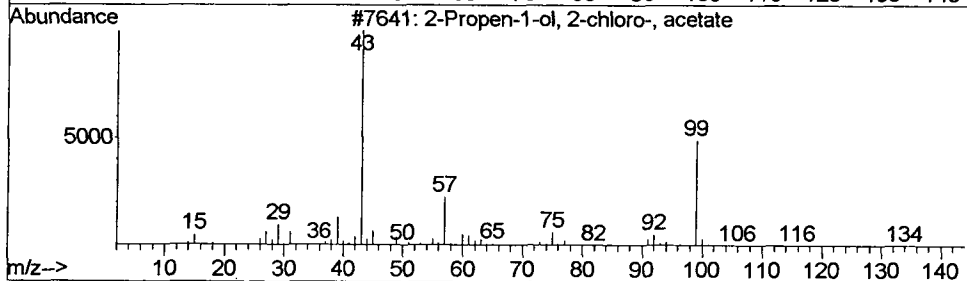
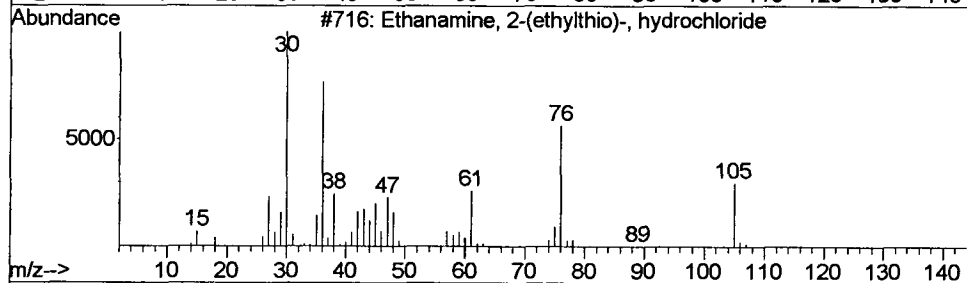
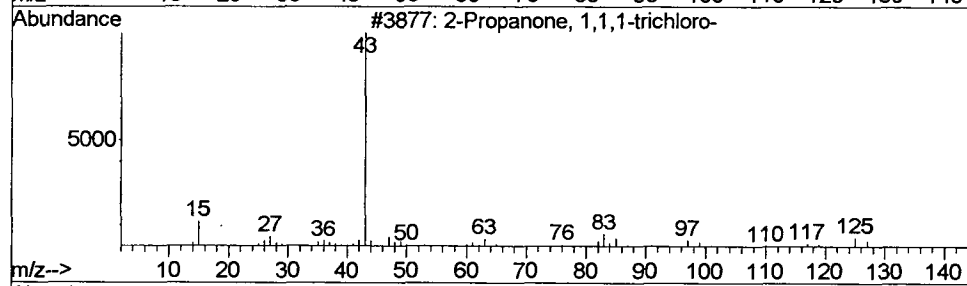
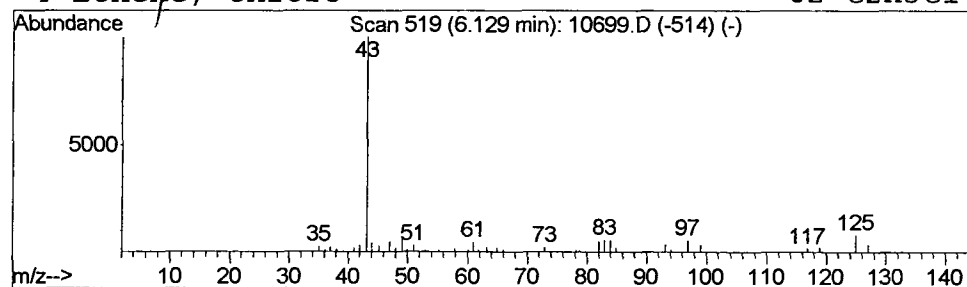
Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	0.51 ug/l	45383	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	42
2		Ethanamine, 2-(ethylthio)-, hydr...	141	C4H12ClNS	054303-30-9	9
3		2-Propen-1-ol, 2-chloro-, acetate	134	C5H7ClO2	000692-72-8	9
4		Ethere, chloro-	62	C2H3Cl	000075-01-4	9



Data File : C:\MSDCHEM\1\DATA\020513\10699.D
 Acq On : 13 May 2002 9:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

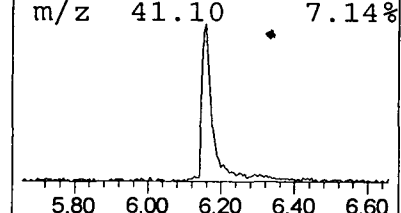
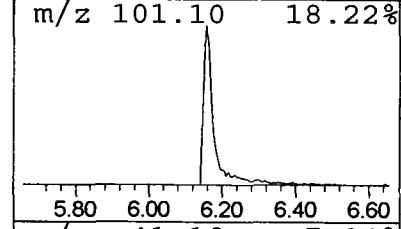
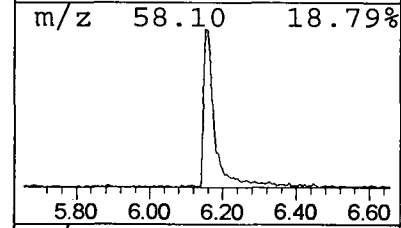
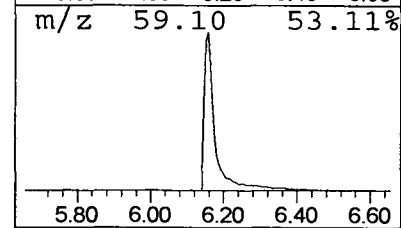
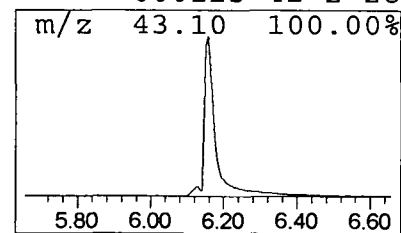
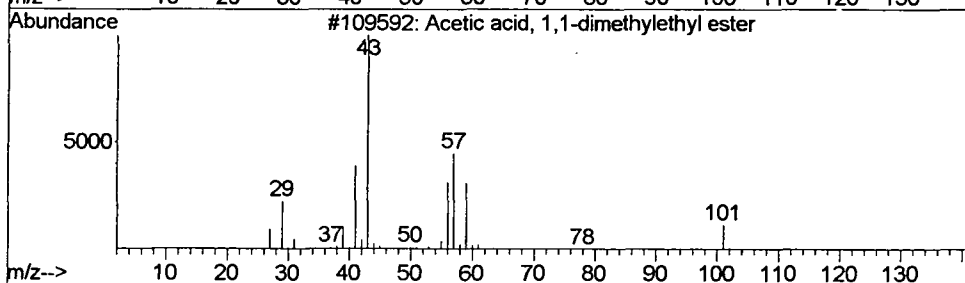
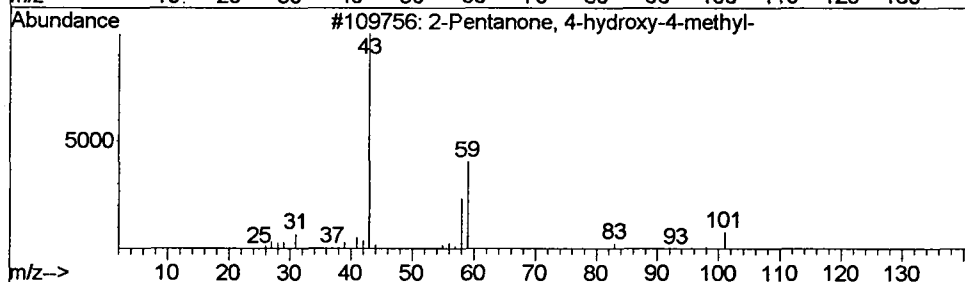
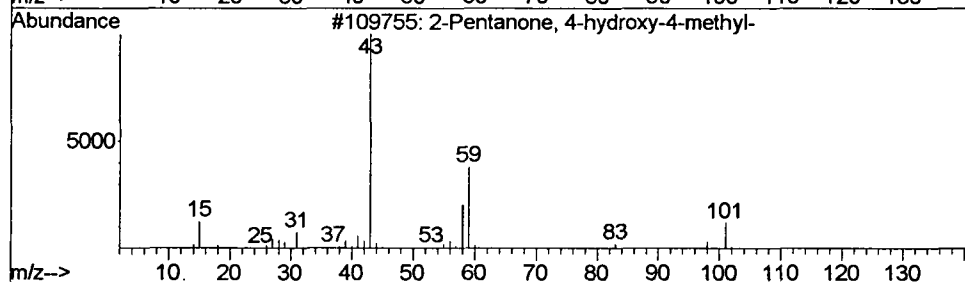
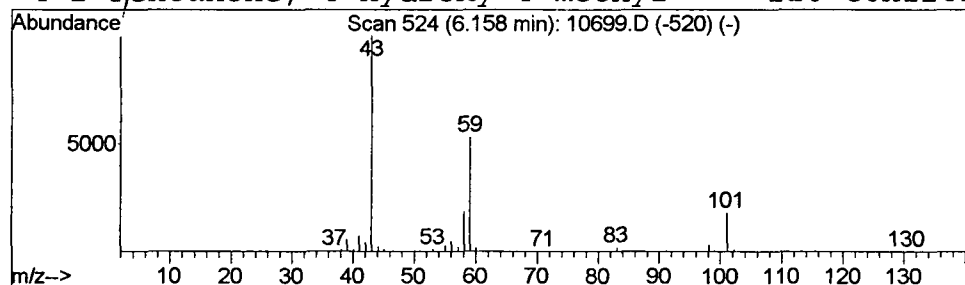
Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	13.79 ug/l	1218780	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28



Data File : C:\MSDCHEM\1\DATA\020513\10699.D
 Acq On : 13 May 2002 9:25 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

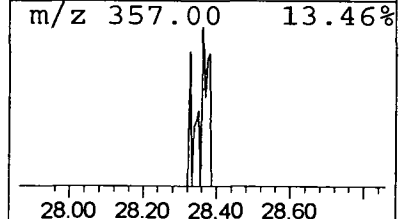
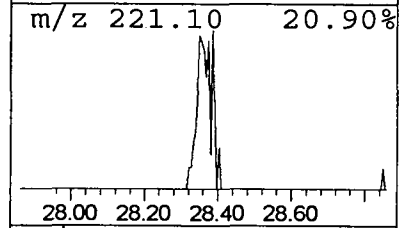
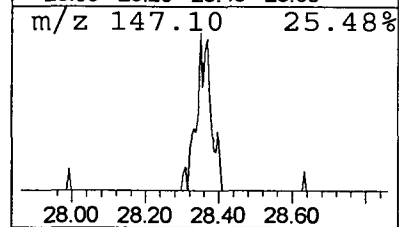
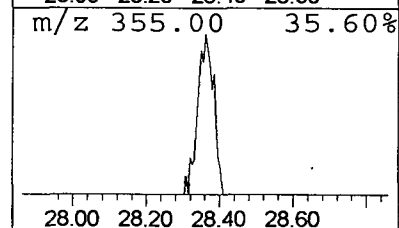
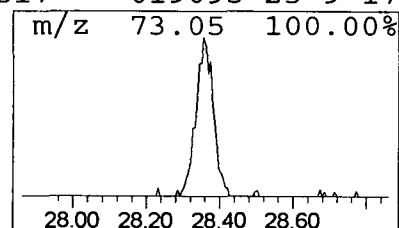
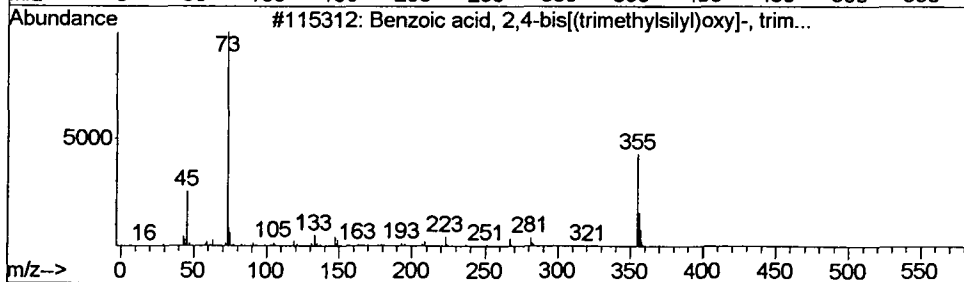
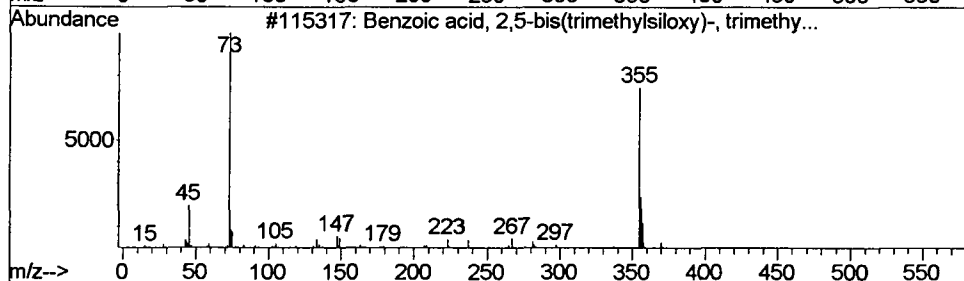
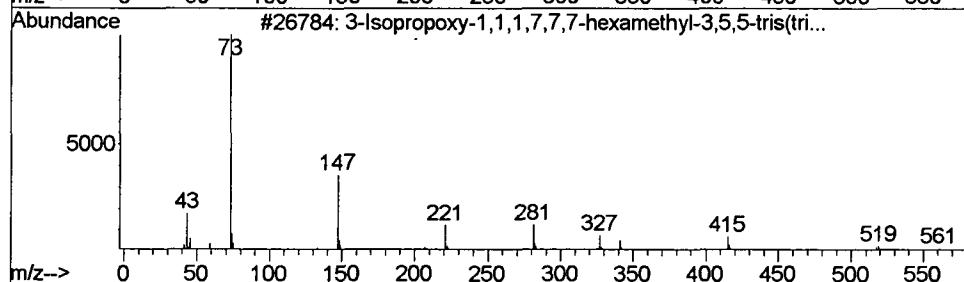
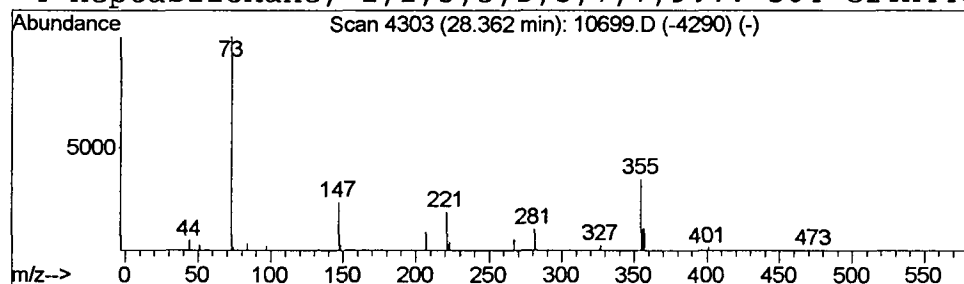
Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 3-Isopropoxy-1,1,1,7,7,7-he... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.36	0.42 ug/l	51949	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	27
2		Benzoic acid, 2,5-bis(trimethyls...	370	C16H30O4Si3	003618-20-0	23
3		Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	17
4		Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	17



Data File : C:\MSDCHEM\1\DATA\020513\10699.D
Acq On : 13 May 2002 9:25 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

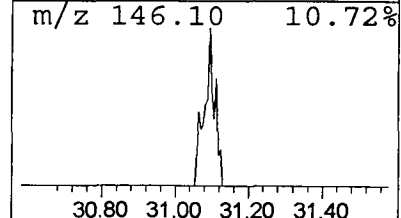
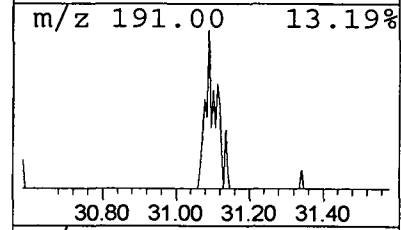
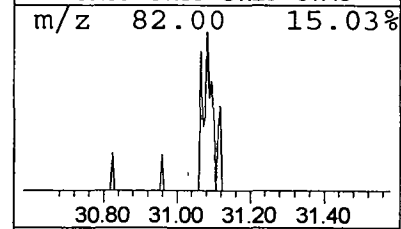
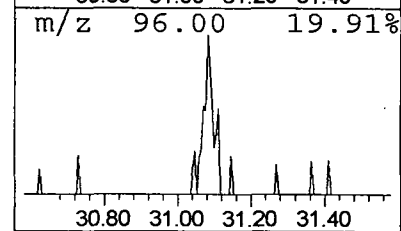
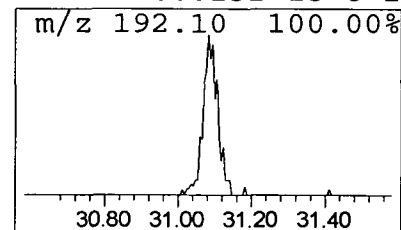
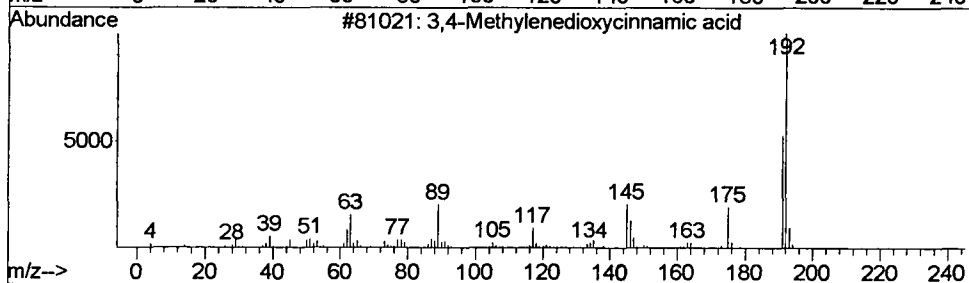
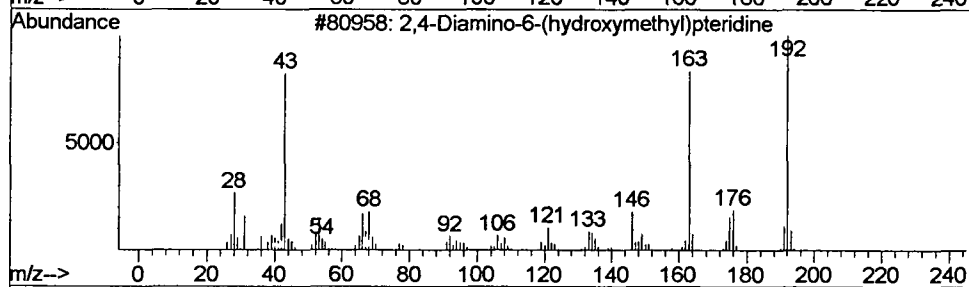
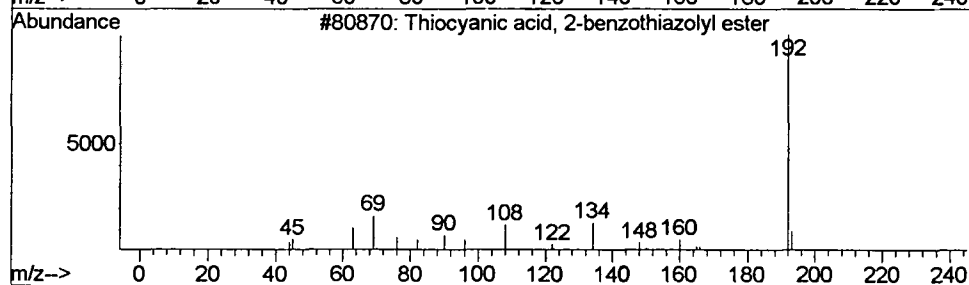
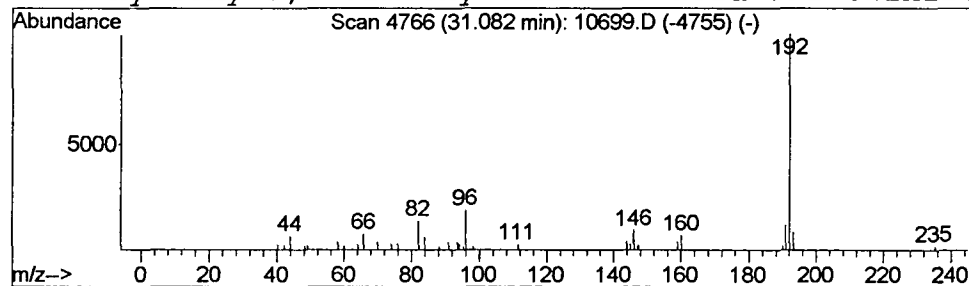
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Thiocyanic acid, 2-benzothi... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.34 ug/l	42440	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	38
2			2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	38
3			3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	38
4			4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	28



Data File : C:\MSDCHEM\1\DATA\020513\10699.D
Acq On : 13 May 2002 9:25 pm
Sample : sample
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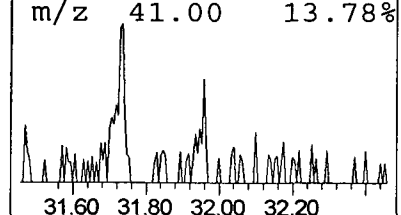
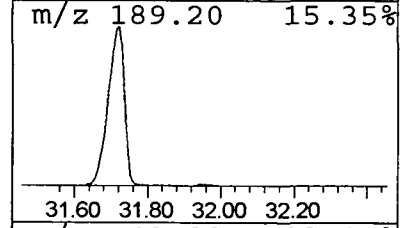
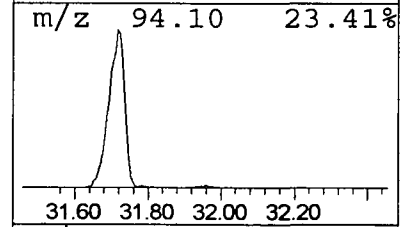
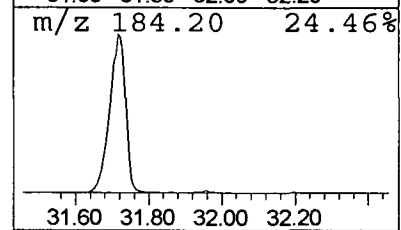
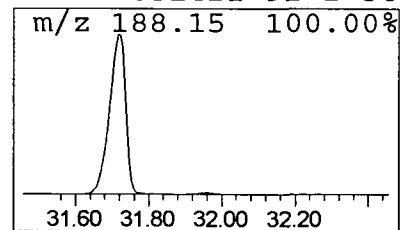
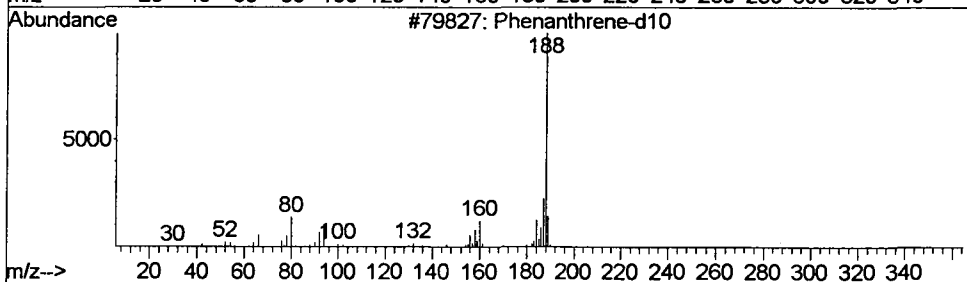
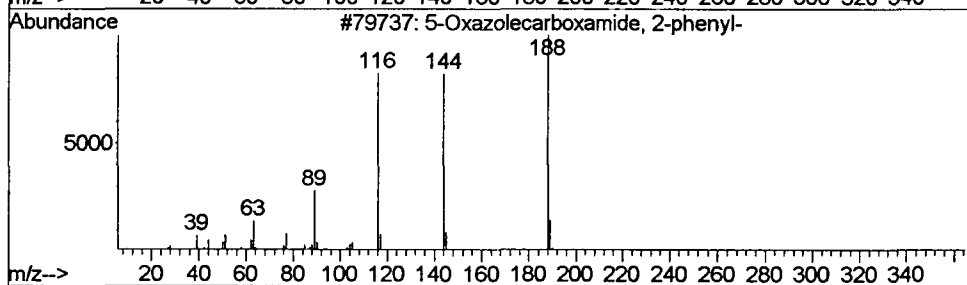
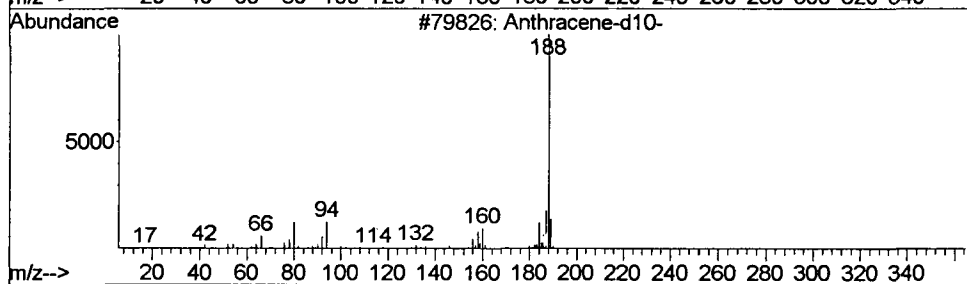
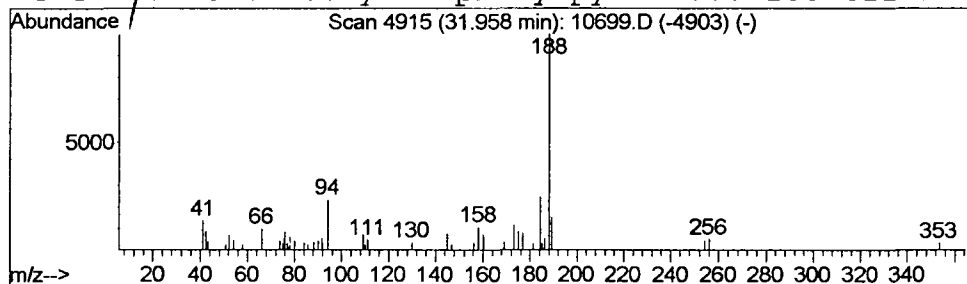
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Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.47 ug/l	57630	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Anthracene-d10-	188	C14D10	001719-06-8	72
2			5-Oxazolecarboxamide, 2-phenyl-	188	C10H8N2O2	039819-42-6	38
3			Phenanthrene-d10	188	C14D10	001517-22-2	38
4			4-Fluoro-6-methyl-2-phenylpyrimi...	188	C11H9FN2	051421-92-2	38



Data File : C:\MSDCHEM\1\DATA\020513\10699.D

Acq On : 13 May 2002 9:25 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 10

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

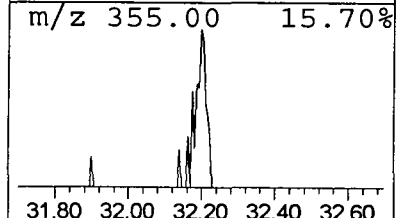
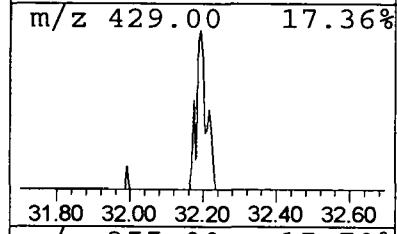
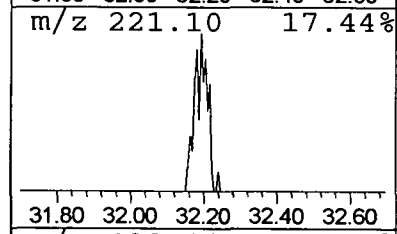
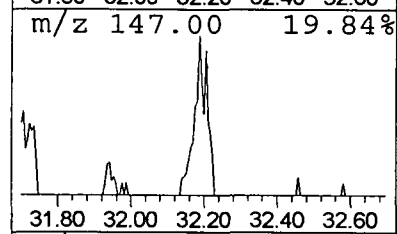
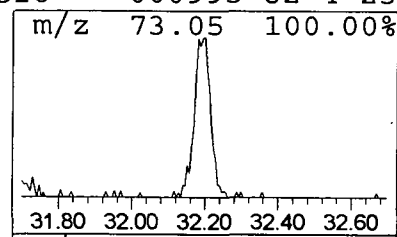
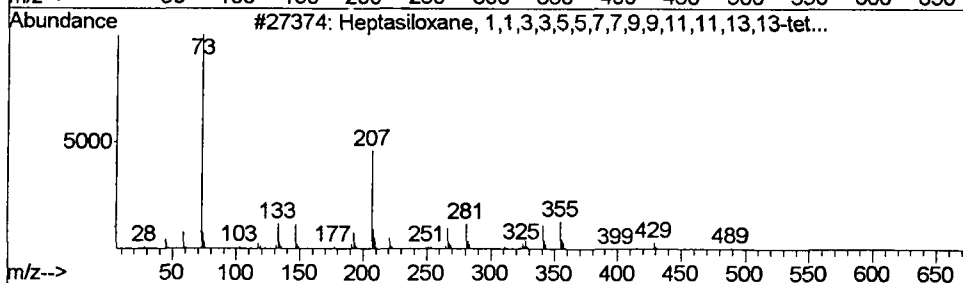
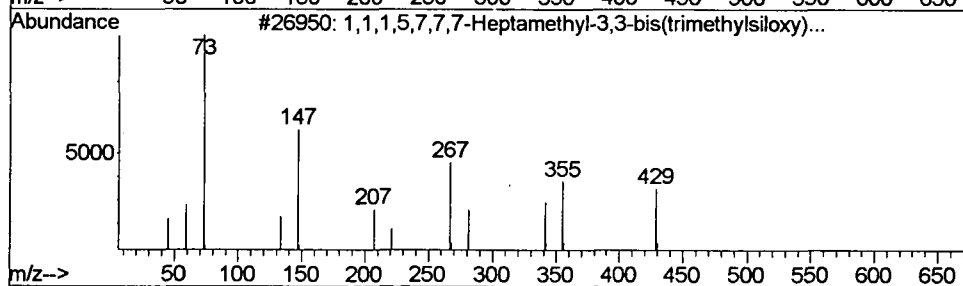
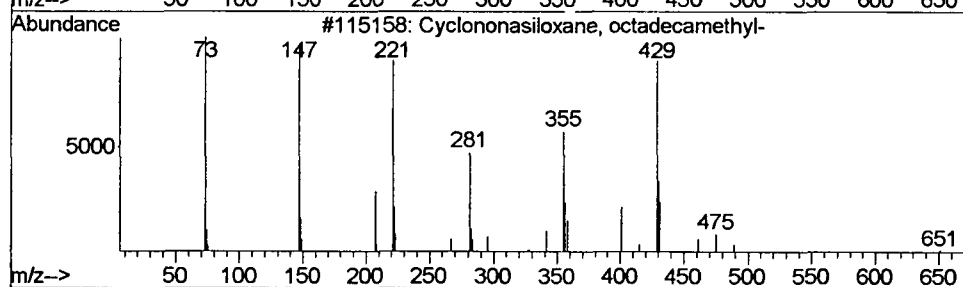
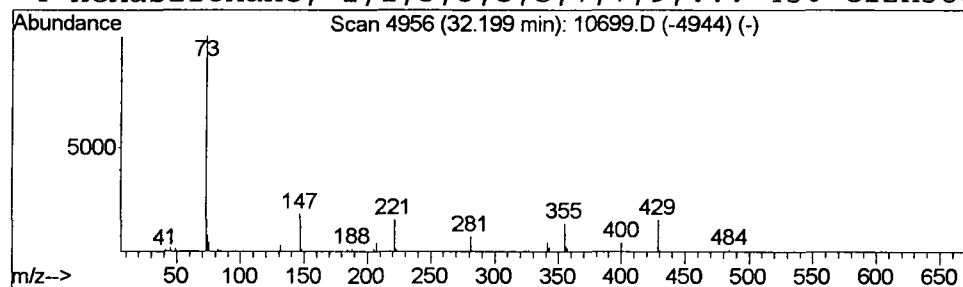
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 7 Cyclononasiloxane, octadeca... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.20	0.44 ug/l	53883	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	50
2			1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	36
3			Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	27
4			Hexasiloxane, 1,1,3,3,5,5,7,7,9...	430	C12H38O5Si6	000995-82-4	23



Operator ID: Nefliu Date Acquired: 13 May 2002 9:25 pm
Data File: C:\MSDCHEM\1\DATA\020513\10699.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
✓ Toluene	4.30	0.7	ug/l	61668	1	11.38	3535350	40.0
✓ 2-Propanone, 1,1,...	6.13	0.5	ug/l	45383	1	11.38	3535350	40.0
✓ 2-Pentanone, 4-hy...	6.16	13.8	ug/l	1218780	1	11.38	3535350	40.0
3-Isopropoxy-1,1,...	28.36	0.4	ug/l	51949	4	31.72	4935800	40.0
Thiocyanic acid, ...	31.08	0.3	ug/l	42440	4	31.72	4935800	40.0
✓ Anthracene-d10-	31.96	0.5	ug/l	57630	4	31.72	4935800	40.0
Cyclononasiloxane...	32.20	0.4	ug/l	53883	4	31.72	4935800	40.0