

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 13:57:28

Sample: AE10703
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 13:57 Ended: 5/20/02 13:57 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE10703 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 13:57:53

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

Data File : C:\MSDCHEM\1\DATA\020513\10703.D

Vial: 14

Acq On : 14 May 2002 1:24 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 15 08:55:23 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	463906	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	1718403	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	926108	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1544281	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1211288	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	799892	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX	27.54	207	56179	7.59	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	75.90%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10703.D SCAN020507.M Wed May 15 08:58:54 2002 Page 1

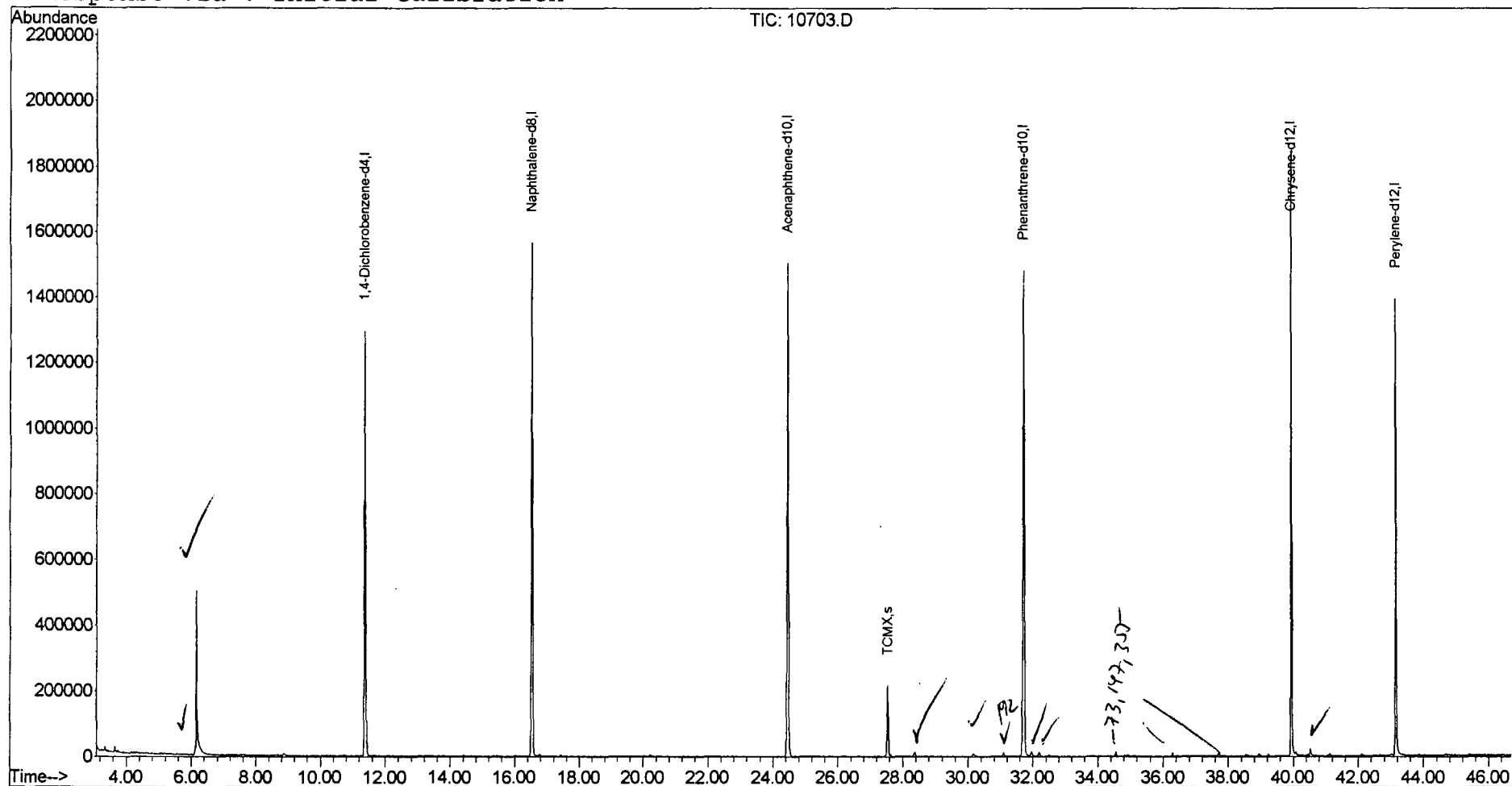
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10703.D
 Acq On : 14 May 2002 1:24 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 15 8:58 2002

Vial: 14
 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\10703.D

Acq On : 14 May 2002 1:24 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 14

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

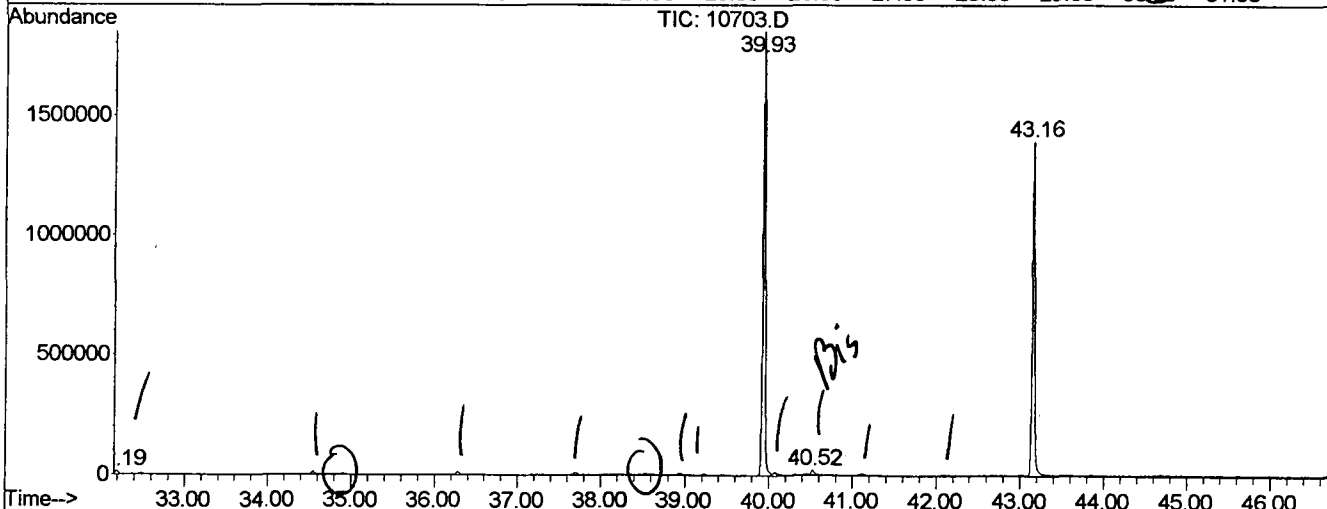
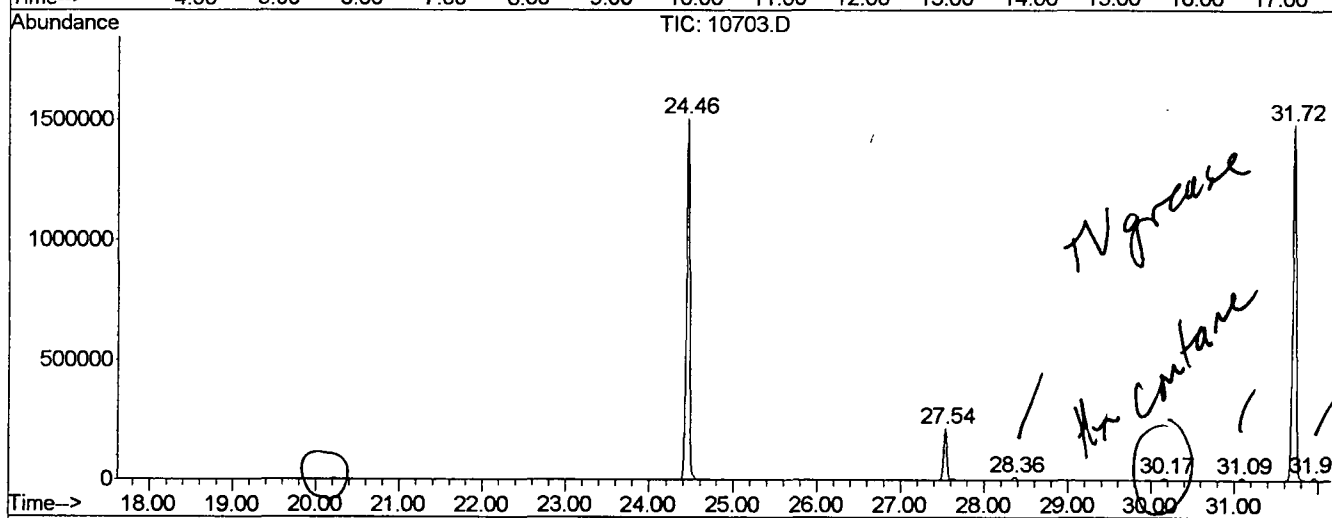
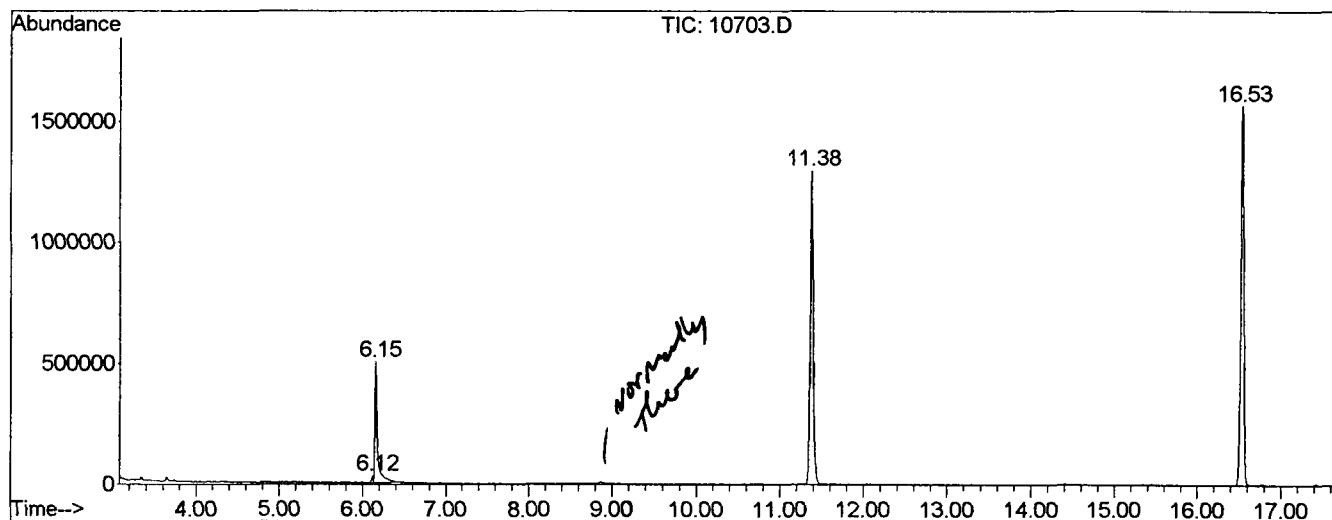
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.123	511	518	520	rBV	28596	46252	1.06%	0.191%
2	6.152	520	523	569	rVB	499451	1068364	24.42%	4.407%
3	11.375	1398	1412	1432	rBV	1295332	3215812	73.50%	13.266%
4	16.534	2275	2290	2311	rVB	1565761	3999744	91.42%	16.500%
5	24.460	3618	3639	3662	rBV	1504686	4178945	95.51%	17.239%
6	27.539	4149	4163	4173	rBV4	215900	596039	13.62%	2.459%
7	28.362	4293	4303	4313	rBV5	13709	44659	1.02%	0.184%
8	30.166	4598	4610	4617	rBV7	9221	31798	0.73%	0.131%
9	31.094	4759	4768	4777	rVB4	11637	33284	0.76%	0.137%
10	31.723	4858	4875	4893	rBV3	1480505	4375231	100.00%	18.049%
11	31.958	4907	4915	4925	rVB4	14407	40882	0.93%	0.169%
12	32.187	4946	4954	4966	rVB4	13043	37420	0.86%	0.154%
13	39.931	6257	6272	6288	rBV2	1846126	3702058	84.61%	15.272%
14	40.524	6364	6373	6387	rVB4	19576	51434	1.18%	0.212%
15	43.156	6810	6821	6851	rBV2	1391211	2818988	64.43%	11.629%

Sum of corrected areas: 24240910

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020513\10703.D
Operator : Nefliu
Acquired : 14 May 2002 1:24 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 14
Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10703.D
 Acq On : 14 May 2002 1:24 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

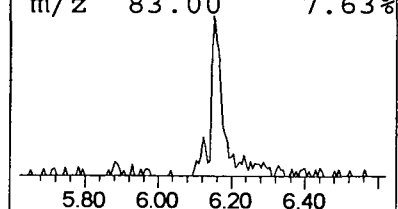
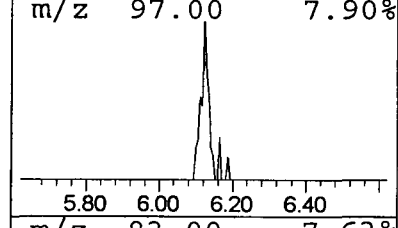
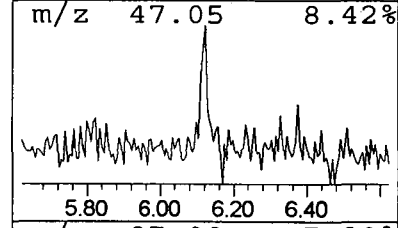
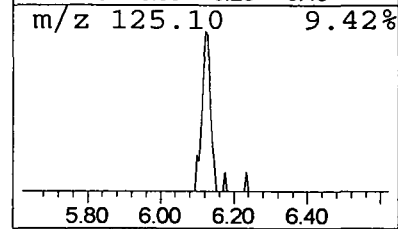
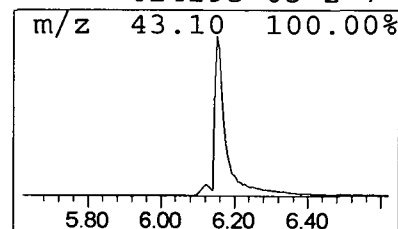
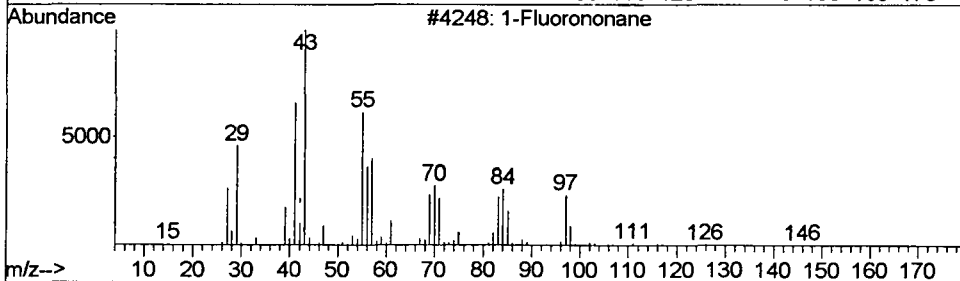
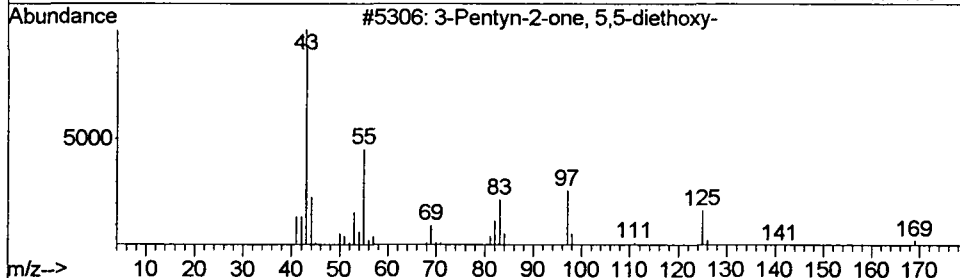
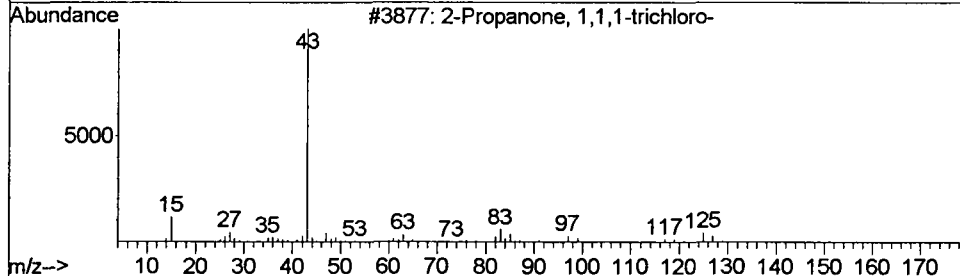
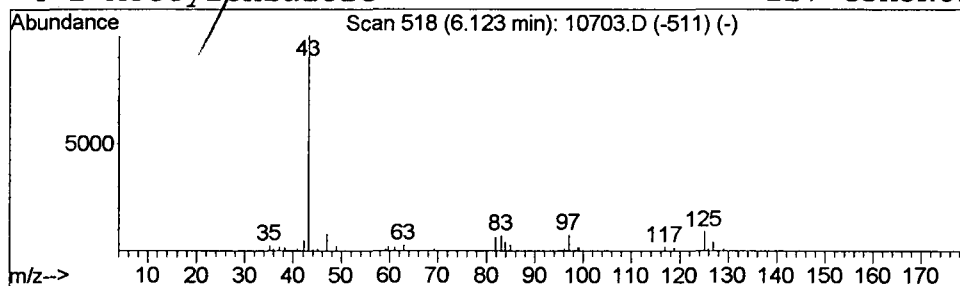
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	0.58 ug/l	46252	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	38
2			3-Pentyn-2-one, 5,5-diethoxy-	170	C9H14O3	055402-04-5	9
3			1-Fluorononane	146	C9H19F	000463-18-3	9
4			2-Acetylthiazole	127	C5H5NOS	024295-03-2	7



Library Search Compound Report

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Acq On : 14 May 2002 1:24 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

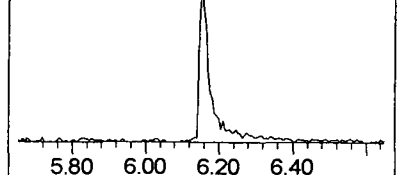
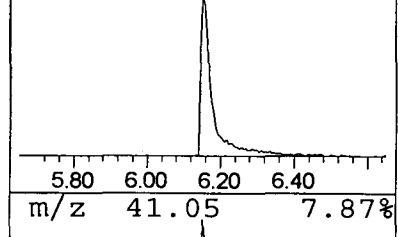
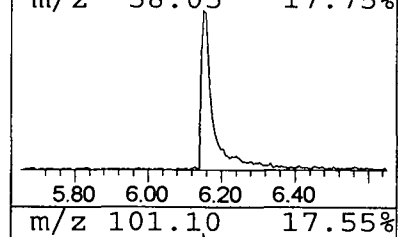
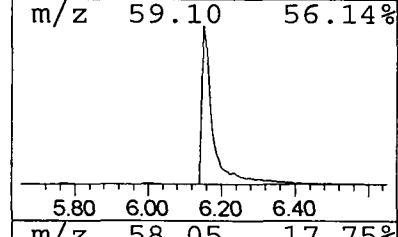
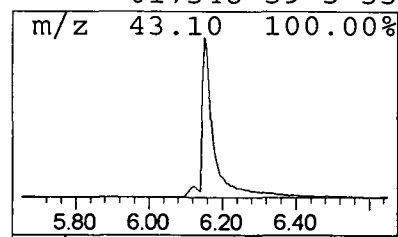
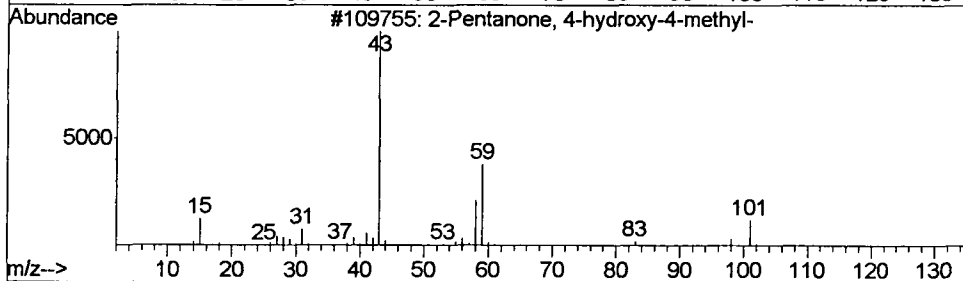
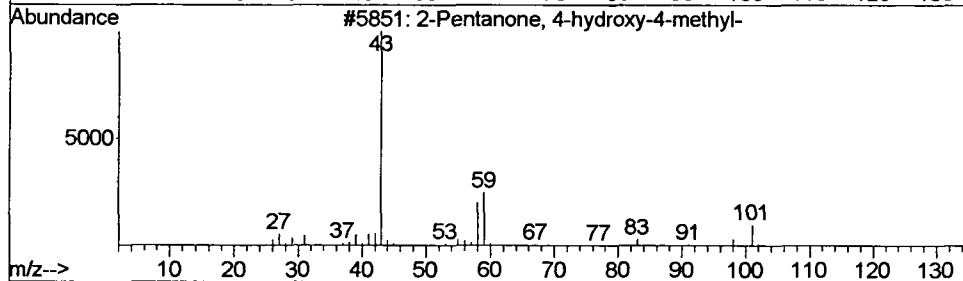
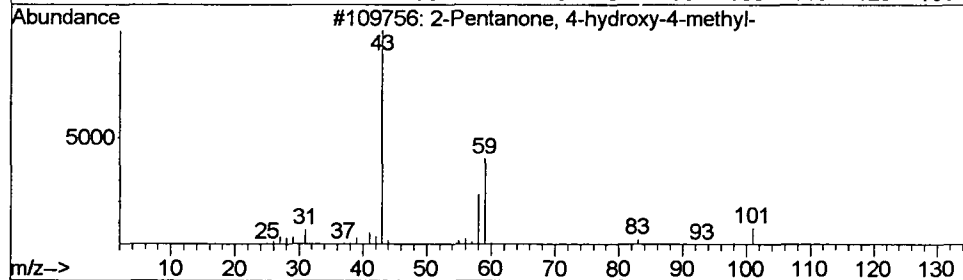
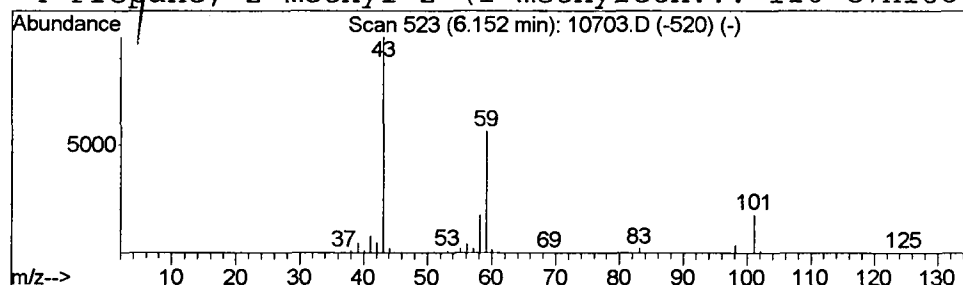
Title : Method 508 GC/MS Scan

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	13.29 ug/l	1068360	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	50
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	45
4			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10703.D
 Acq On : 14 May 2002 1:24 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

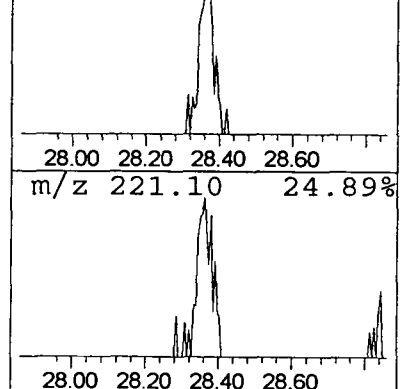
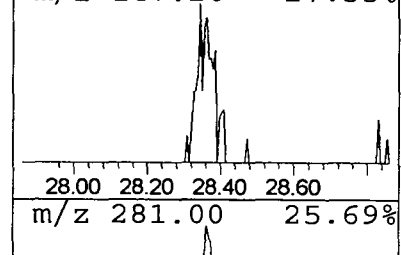
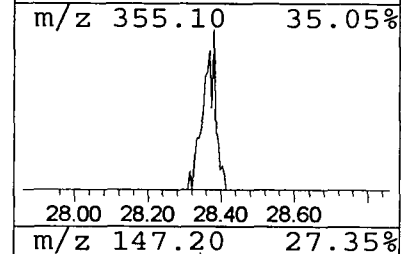
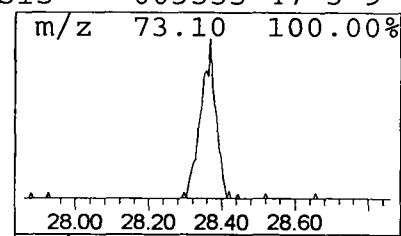
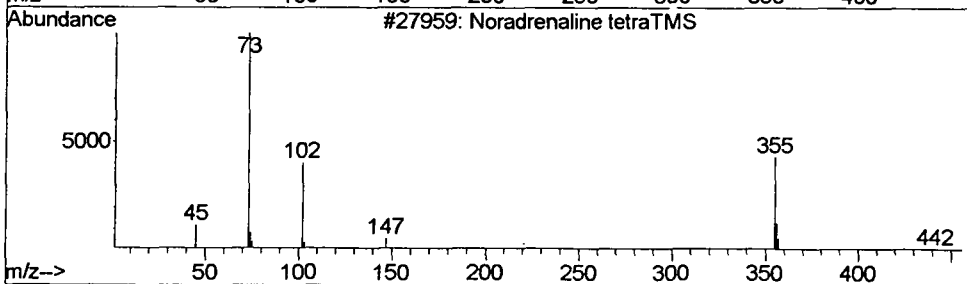
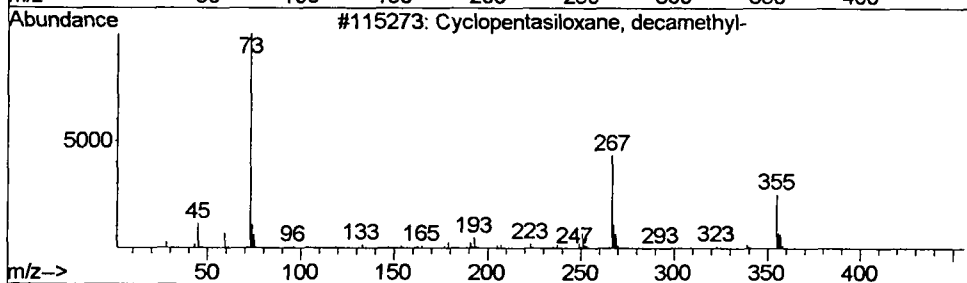
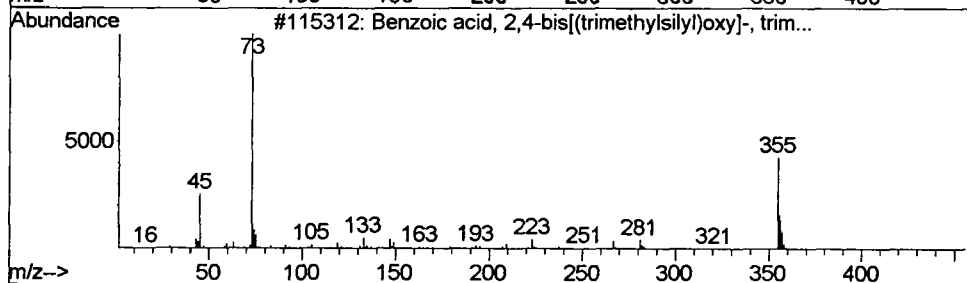
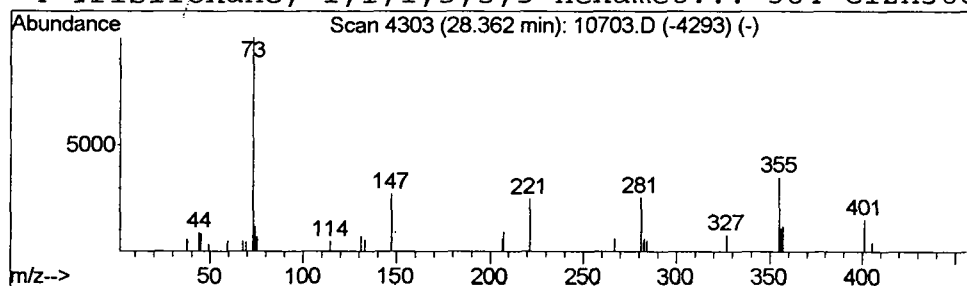
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Benzoic acid, 2,4-bis[(trim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.36	0.41 ug/l	44659	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	17
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	16
3		Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	12
4		Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	9



Library Search Compound Report

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Acq On : 14 May 2002 1:24 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

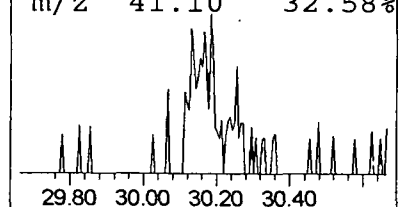
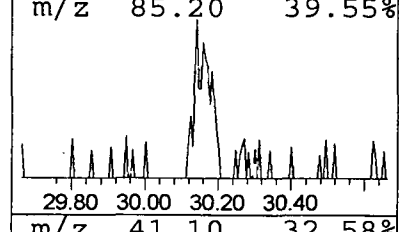
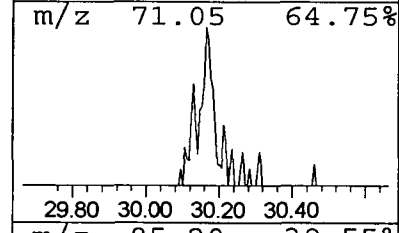
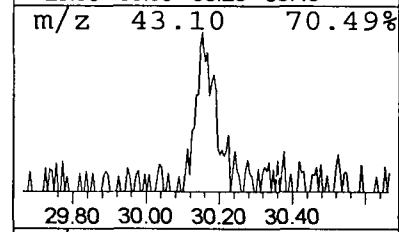
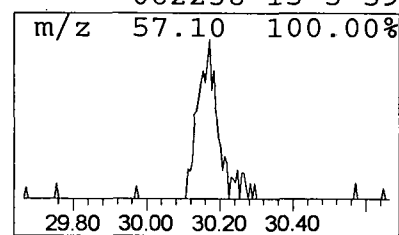
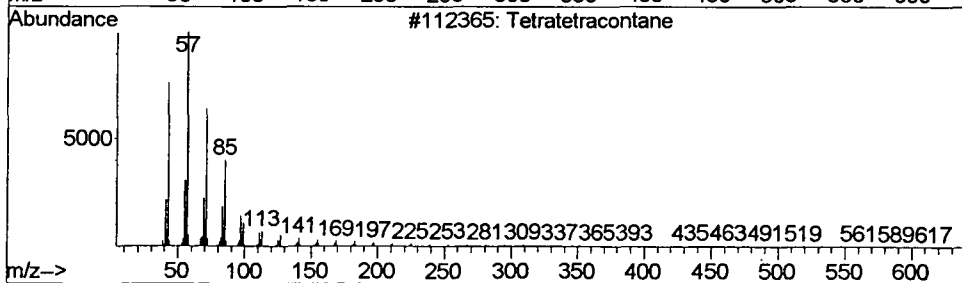
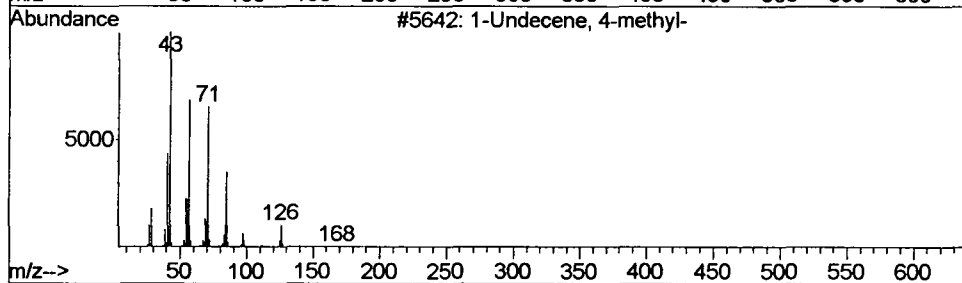
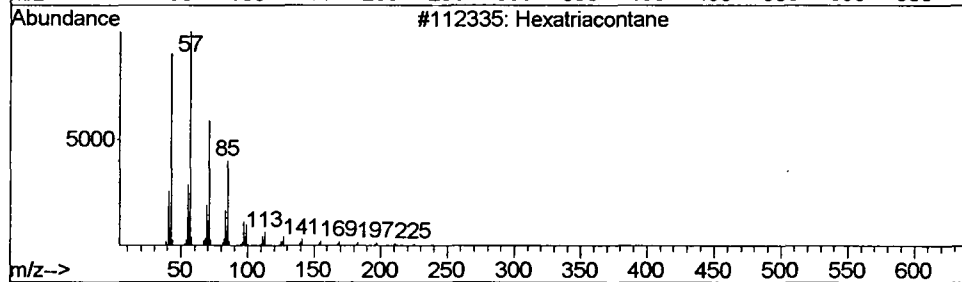
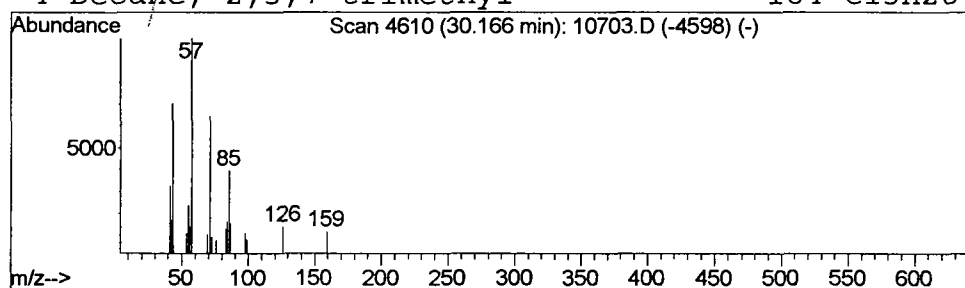
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 4 Hexatriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.17	0.29 ug/l	31798	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	59
2			1-Undecene, 4-methyl-	168	C12H24	074630-39-0	59
3			Tetratetracontane	619	C44H90	007098-22-8	59
4			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	59



Library Search Compound Report

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 Acq On : 14 May 2002 1:24 am
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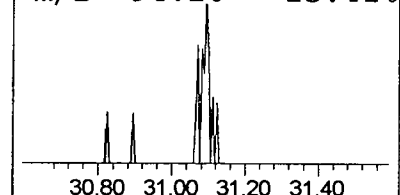
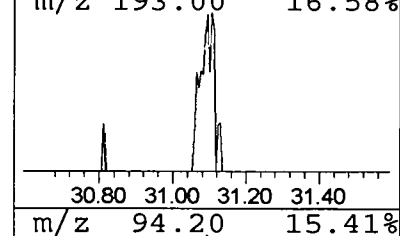
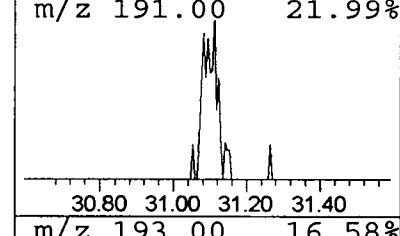
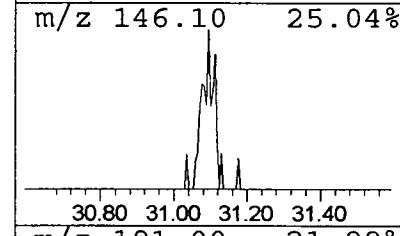
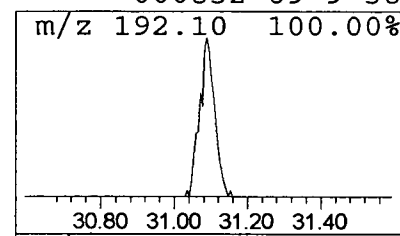
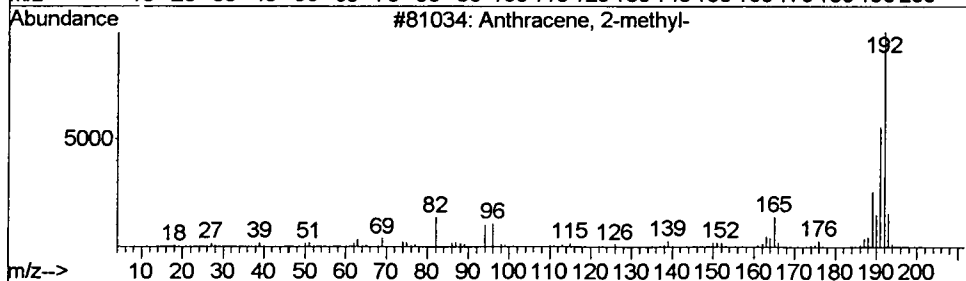
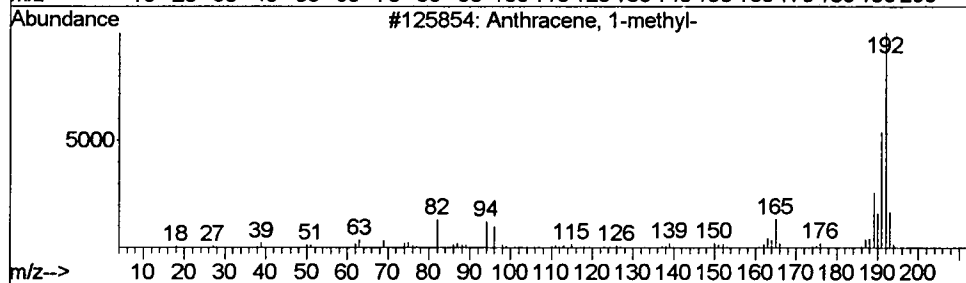
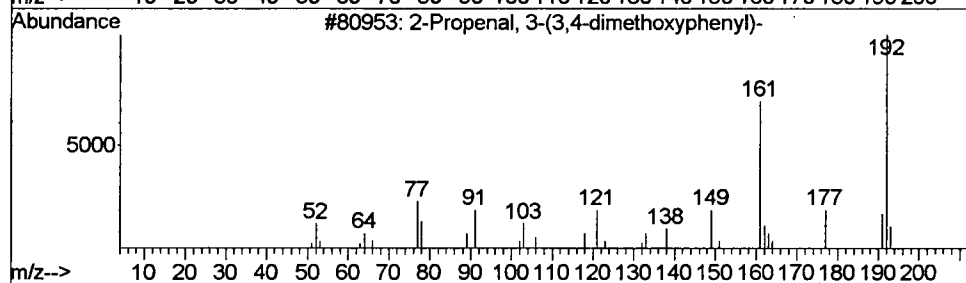
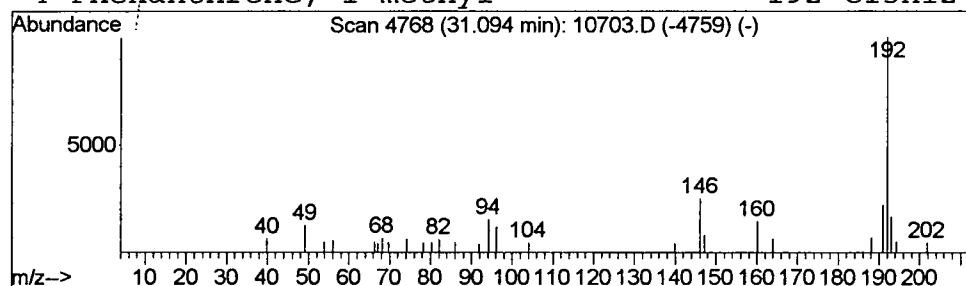
Vial: 14
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Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 5 2-Propenal, 3-(3,4-dimethox... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.30 ug/l	33284	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	50	
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	40	
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	40	
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38	



Library Search Compound Report

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Acq On : 14 May 2002 1:24 am

Sample : sample

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MS Integration Params: rteint.e

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Multiplr: 1.00

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

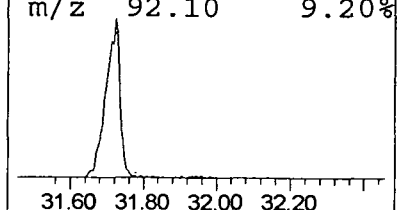
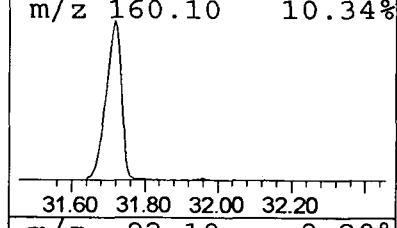
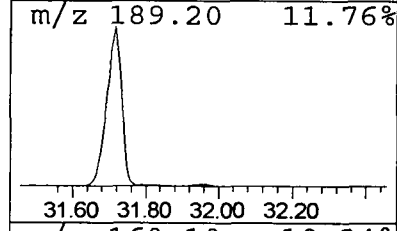
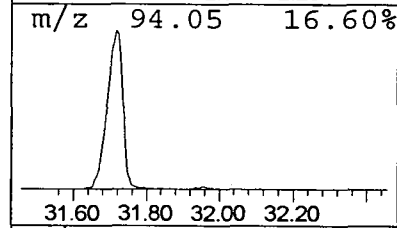
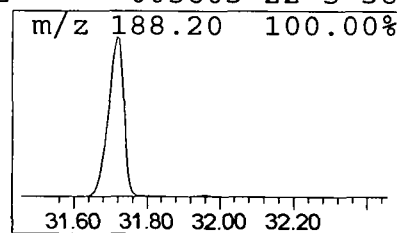
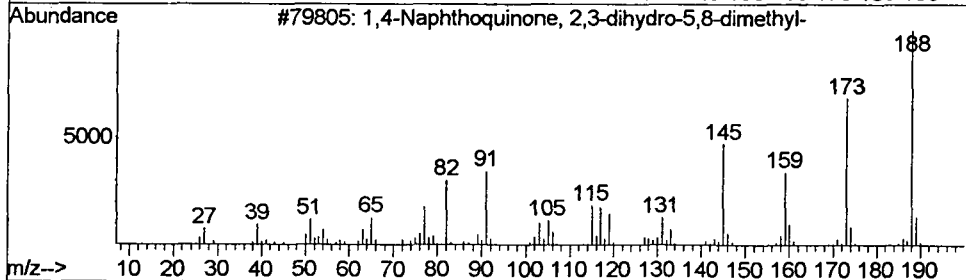
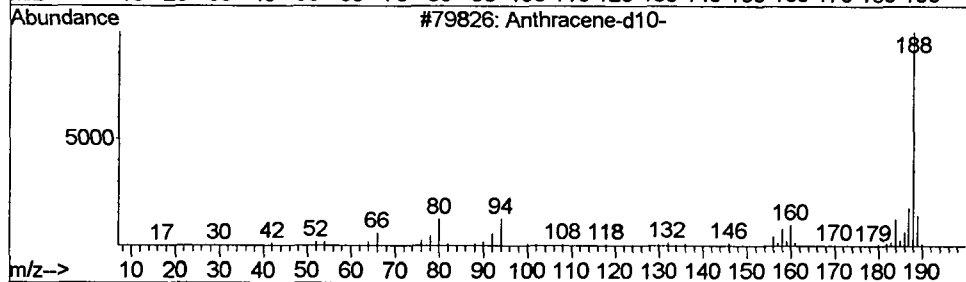
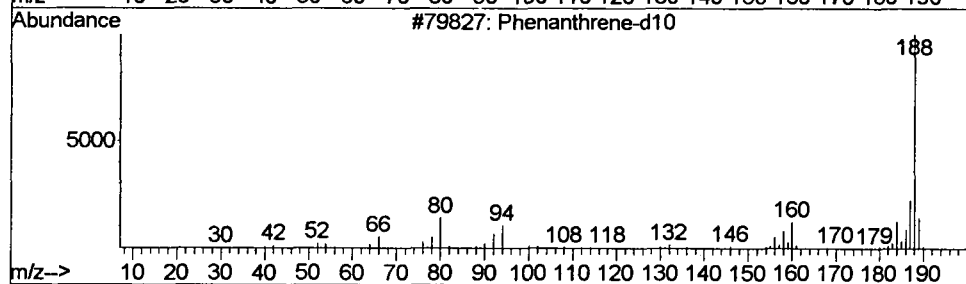
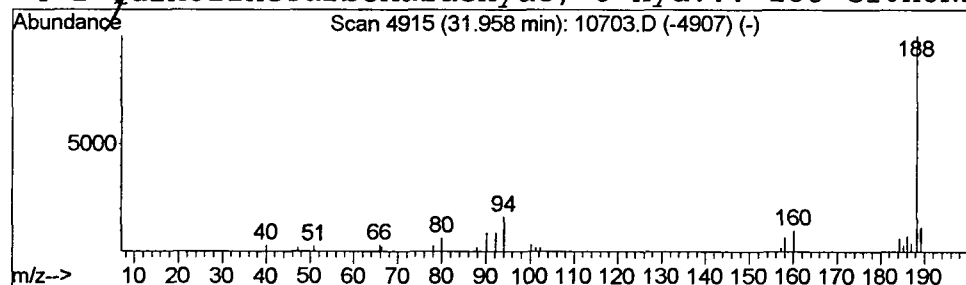
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 6 Phenanthrene-d10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.37 ug/l	40882	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene-d10	188	C14D10	001517-22-2	80
2			Anthracene-d10-	188	C14D10	001719-06-8	72
3			1,4-Naphthoquinone, 2,3-dihydro-...	188	C12H12O2	1000157-22-3	40
4			2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	38



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10703.D

Acq On : 14 May 2002 1:24 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

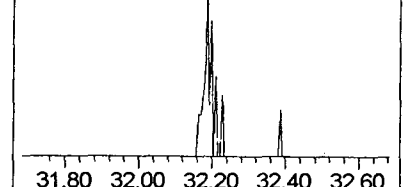
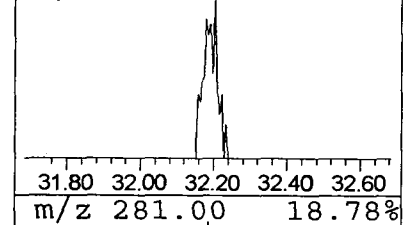
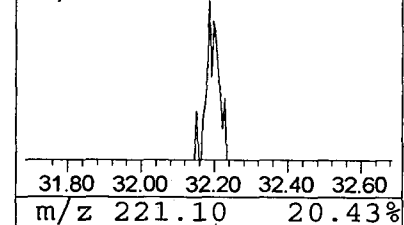
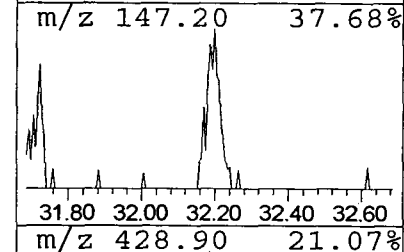
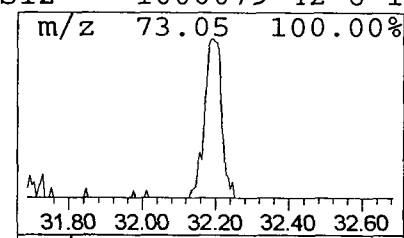
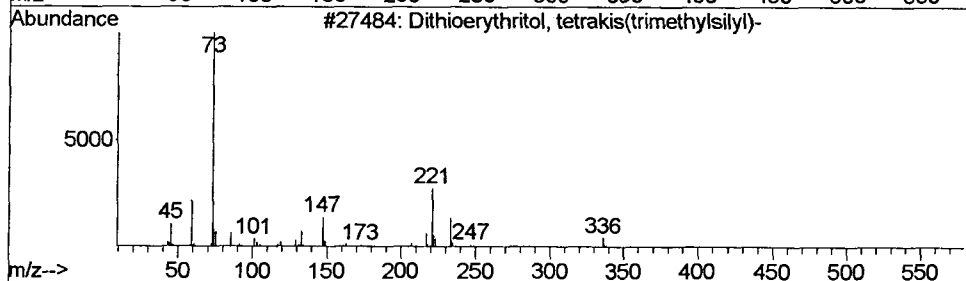
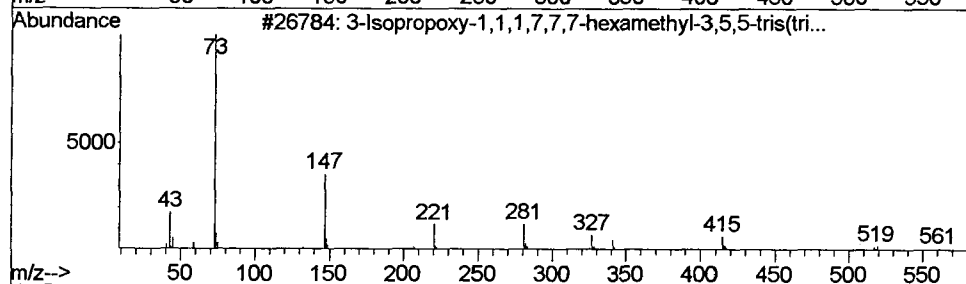
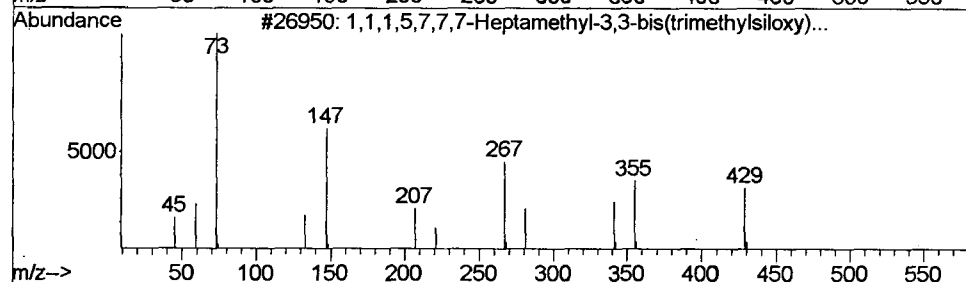
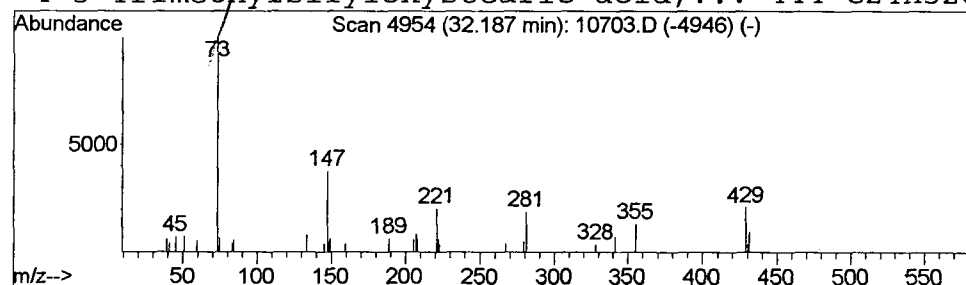
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.19	0.34 ug/l	37420	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	38
2		3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	25
3		Dithioerythritol, tetrakis(trime...	442	C16H42O2S2Si4	1000079-30-7	12
4		3-Trimethylsilyloxystearic acid,...	444	C24H52O3Si2	1000079-42-6	10



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10703.D
 Acq On : 14 May 2002 1:24 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

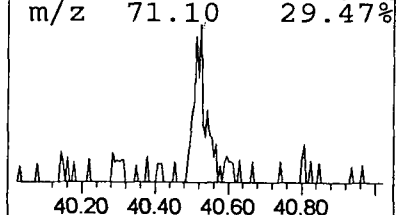
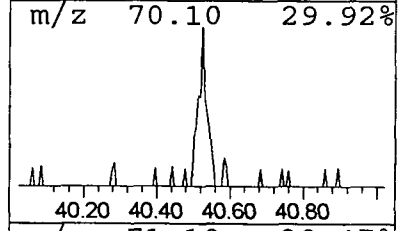
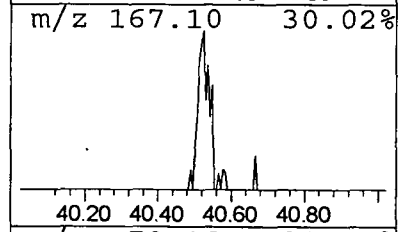
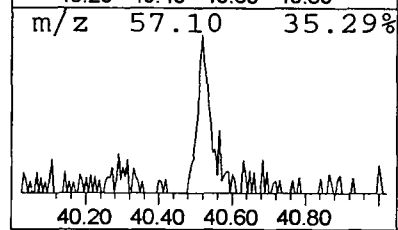
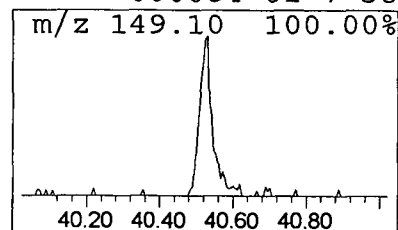
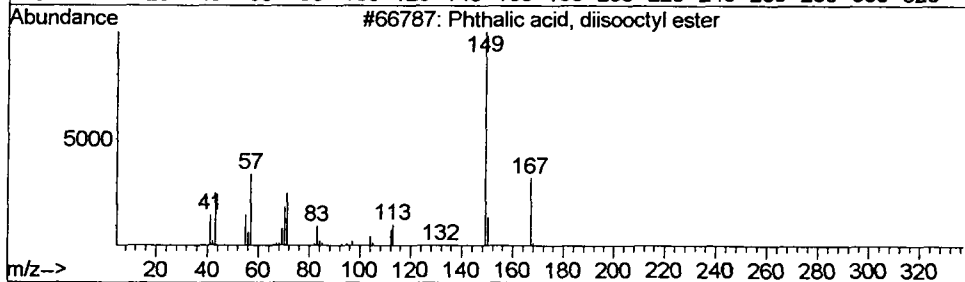
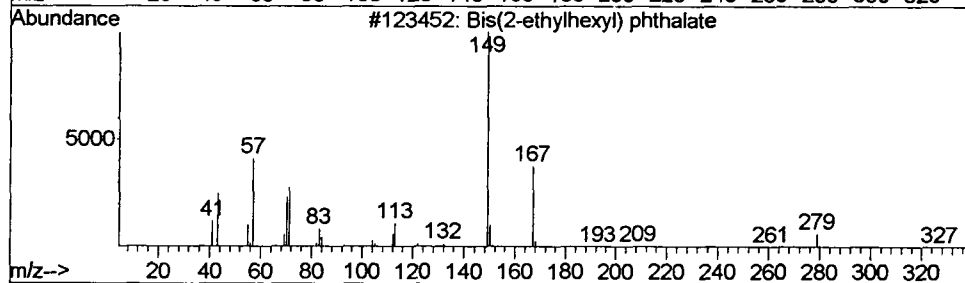
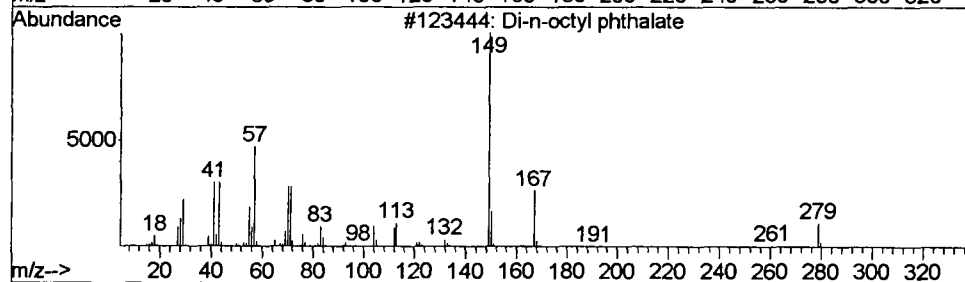
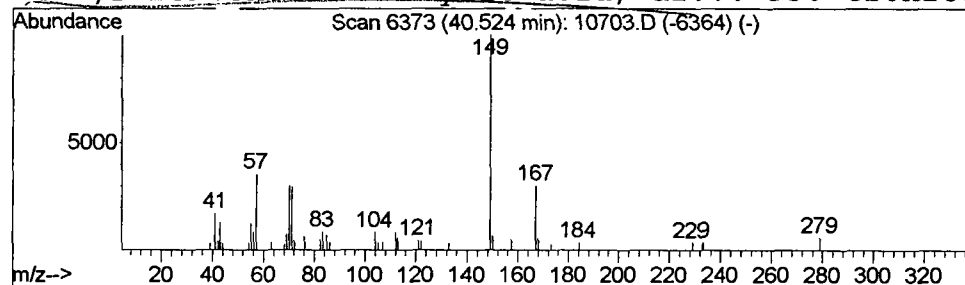
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 8 Di-n-octyl phthalate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.52	0.56 ug/l	51434	Chrysene-d12	39.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Di-n-octyl phthalate	390	C24H38O4	000117-84-0	56
2			Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	45
3			Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	45
4			1,2-Benzenedicarboxylic acid, di...	330	C20H26O4	000084-61-7	38



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 14 May 2002 1:24 am
 Data File: C:\MSDCHEM\1\DATA\020513\10703.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	0.6	ug/l	46252	1	11.38	3215810	40.0
- 2-Pentanone, 4-hy...	6.15	13.3	ug/l	1068360	1	11.38	3215810	40.0
Benzoic acid, 2,4...	28.36	0.4	ug/l	44659	4	31.72	4375230	40.0
Hexatriacentane	30.17	0.3	ug/l	31798	4	31.72	4375230	40.0
2-Prepenal, 3-(3,...	31.09	0.3	ug/l	33284	4	31.72	4375230	40.0
- Phenanthrene-d10 <i>Phenanthrene-d10</i>	31.96	0.4	ug/l	40882	4	31.72	4375230	40.0
1,1,1,5,7,7,7-Hep...	32.19	0.3	ug/l	37420	4	31.72	4375230	40.0
Di-n-octyl phthalate	40.52	0.6	ug/l	51434	5	39.93	3702060	40.0
<i>BIS (2-ethylhexyl) phthalate</i>								