

Jser: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/22/2002 Time: 11:10:59

Sample: AE11157
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/22/02 11:10 Ended: 5/22/02 11:10 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		10.0

Comments for Sample AE11157 - Analysis \$GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-22-2002 Time: 11:11:18

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\020515\11157.D Vial: 9
 Acq On : 15 May 2002 7:43 pm Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.e
 Quant Time: May 16 09:37:25 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Wed May 15 15:22:39 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	444754	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1687299	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	914736	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1560740	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1284779	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	771868	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	266130	36.42	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	91.05%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
35) Di-n-butylphthalate	34.80	149	8050	0.16	ug/l	92
43) Bis(2-ethylhexyl)phthalate	40.52	149	41978	1.53	ug/l	96

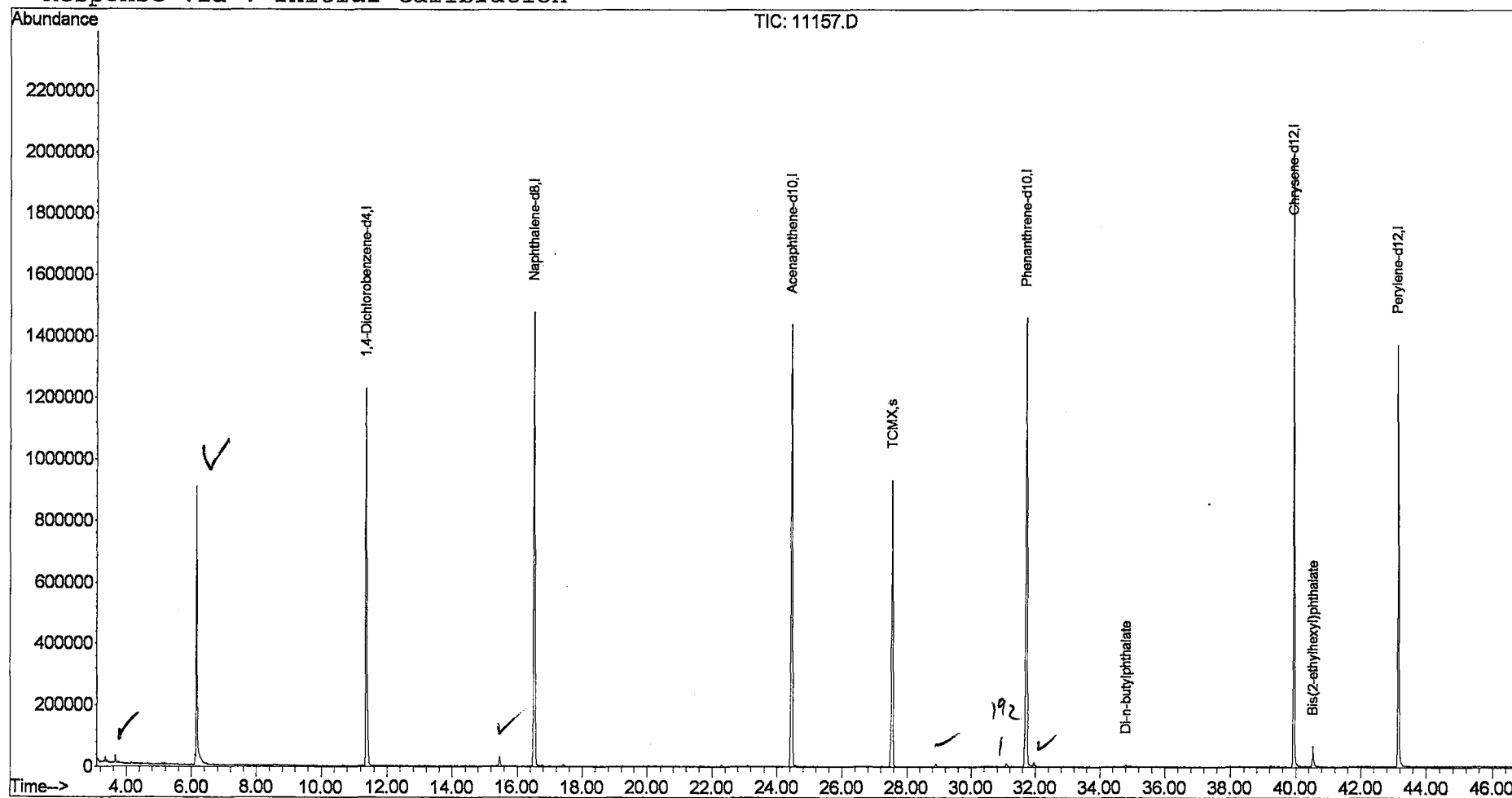
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\11157.D
 Acq On : 15 May 2002 7:43 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 16 9:38 2002

Vial: 9
 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 : Wed May 15 15:22:39 2002
 Response via : Initial Calibration



11157.D SCAN020507.M

Thu May 16 09:38:38 2002

Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020515\11157.D

Vial: 9

Acq On : 15 May 2002 7:43 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

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

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % 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

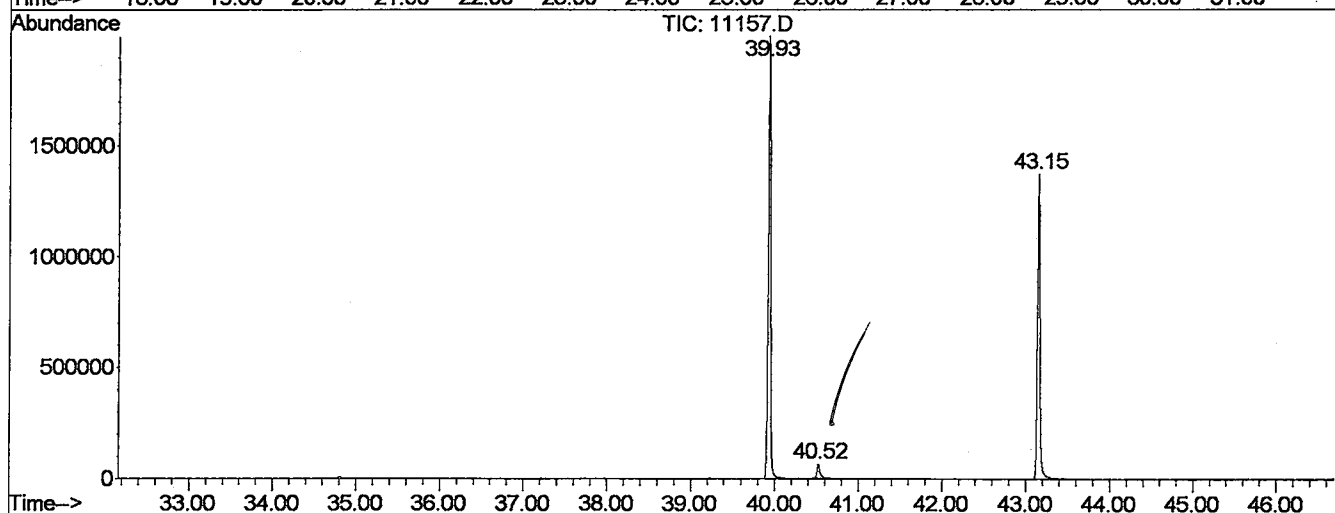
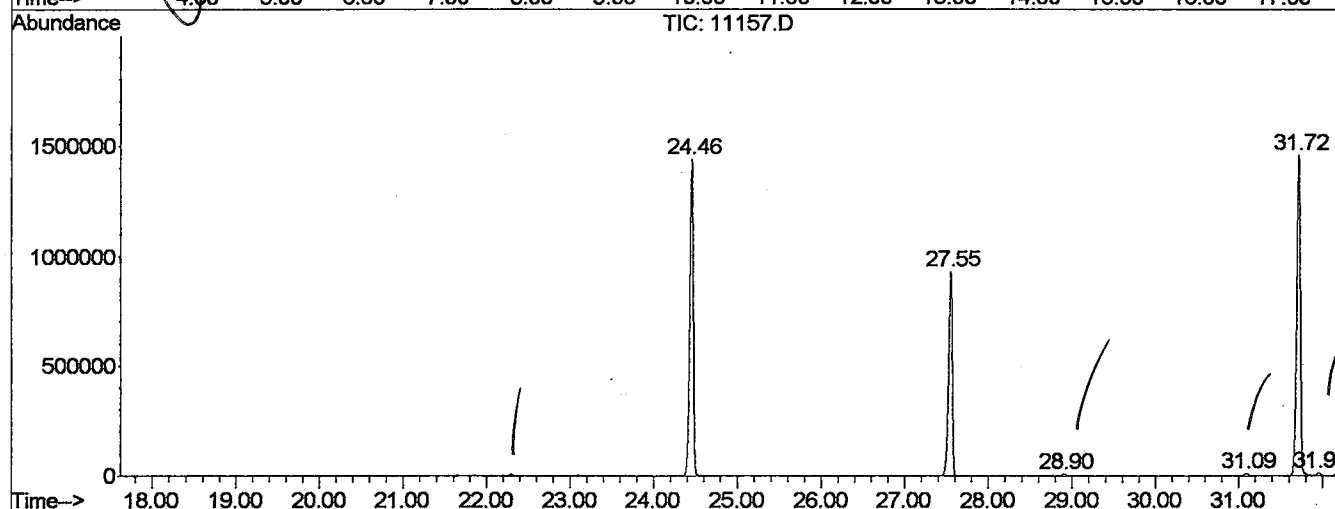
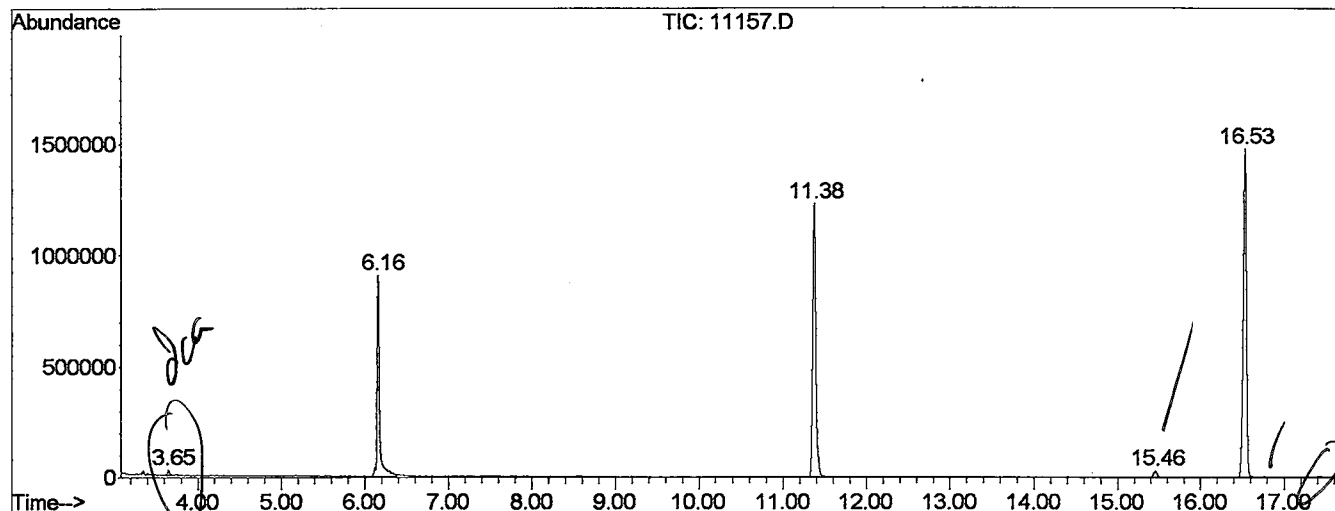
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.649	94	97	104	rVB4	23562	32718	0.74%	0.121%
2	6.158	509	524	561	rBV	908124	1877417	42.57%	6.920%
3	11.376	1400	1412	1437	rBV	1228948	3141505	71.23%	11.580%
4	15.459	2095	2107	2115	rBV2	30019	80988	1.84%	0.299%
5	16.534	2276	2290	2309	rBV2	1479390	3912557	88.71%	14.422%
6	24.461	3620	3639	3656	rBV	1441061	4103410	93.03%	15.125%
7	27.551	4146	4165	4179	rBV2	932872	2739154	62.10%	10.096%
8	28.902	4383	4395	4403	rVB5	9536	25475	0.58%	0.094%
9	31.094	4759	4768	4777	rBV3	10940	34159	0.77%	0.126%
10	31.717	4854	4874	4894	rBV2	1460254	4410644	100.00%	16.258%
11	31.952	4908	4914	4923	rVB3	12418	31767	0.72%	0.117%
12	39.931	6258	6272	6292	rBV2	1995430	3898037	88.38%	14.368%
13	40.518	6365	6372	6387	rBV2	63685	153247	3.47%	0.565%
14	43.151	6809	6820	6845	rBV2	1372574	2688715	60.96%	9.911%

Sum of corrected areas: 27129793

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\11157.D
 Operator : Nefliu
 Acquired : 15 May 2002 7:43 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 9
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11157.D
Acq On : 15 May 2002 7:43 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

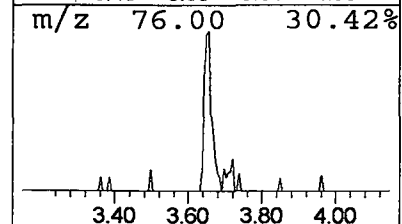
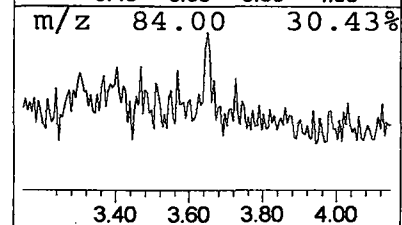
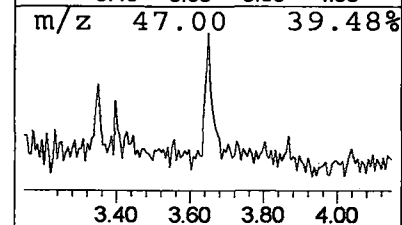
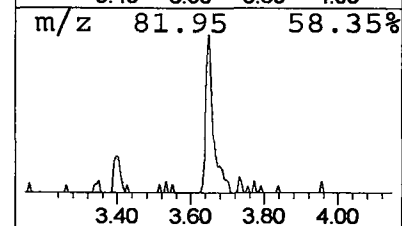
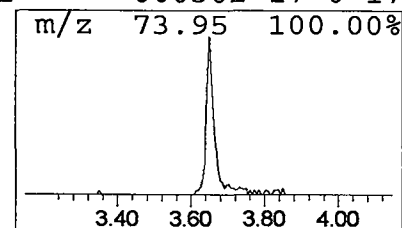
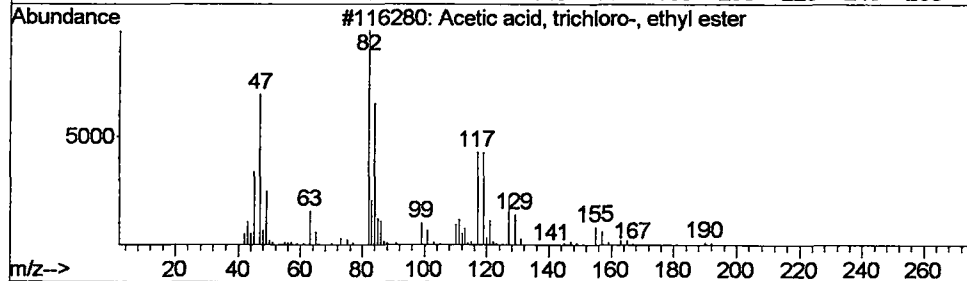
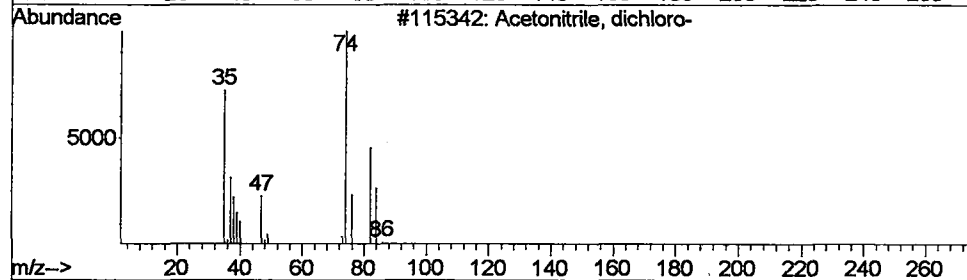
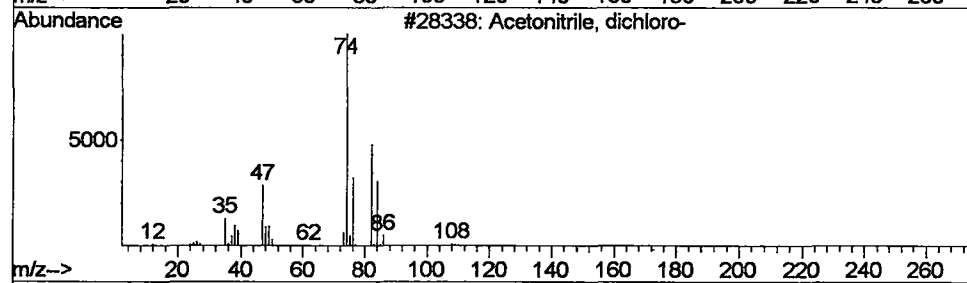
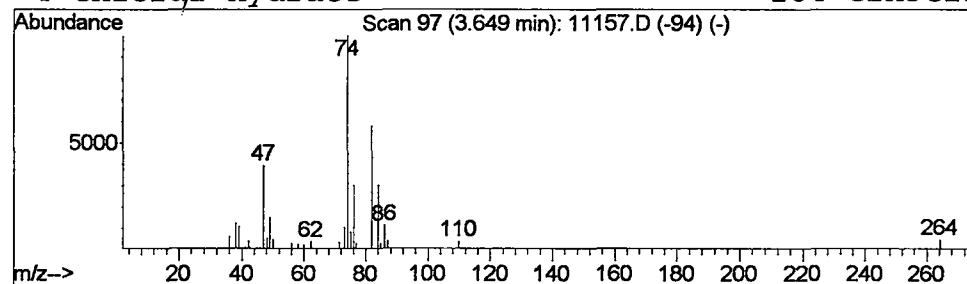
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.42 ug/l	32718	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	39
3		Acetic acid, trichloro-, ethyl e...	190	C4H5Cl3O2	000515-84-4	23
4		Chloral Hydrate	164	C2H3Cl3O2	000302-17-0	17



Library Search Compound Report

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Acq On : 15 May 2002 7:43 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

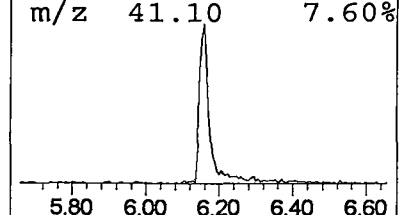
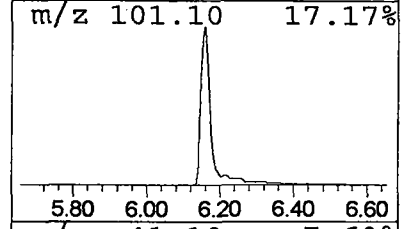
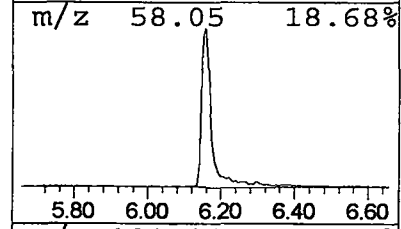
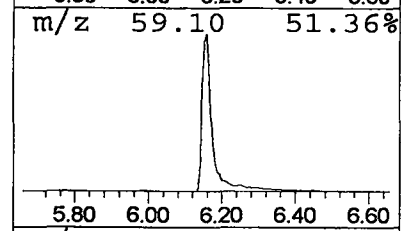
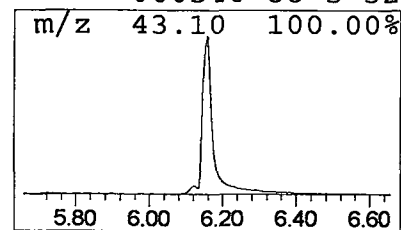
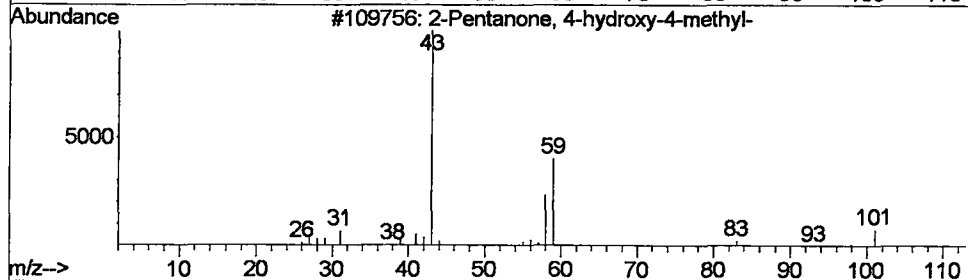
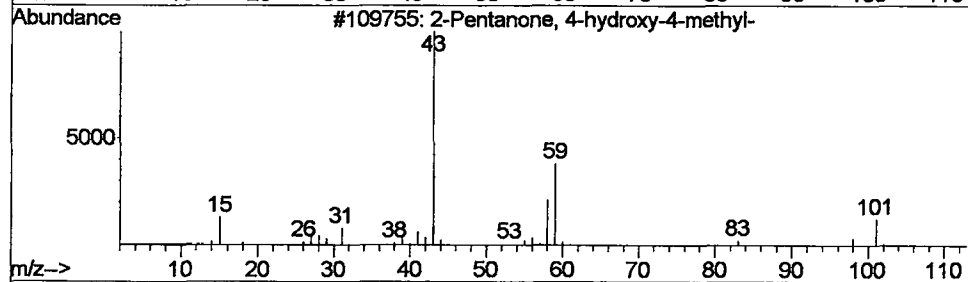
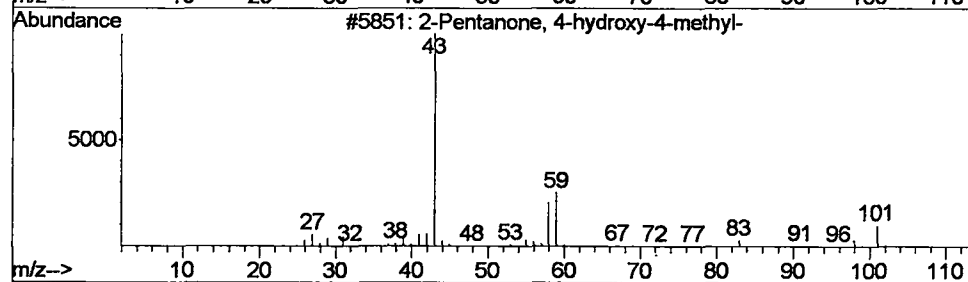
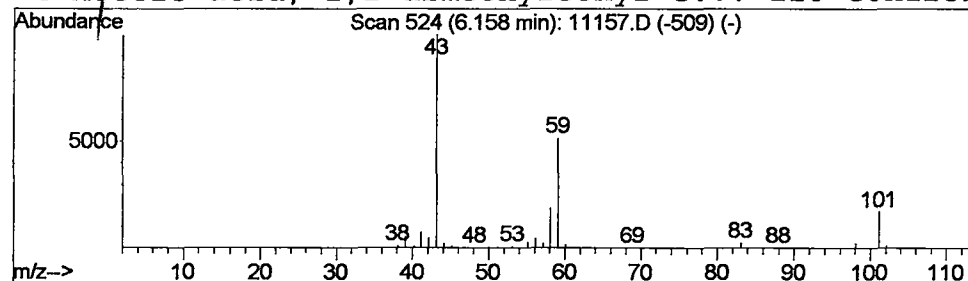
Vial: 9
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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	23.90 ug/l	1877420	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	53
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			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32



Library Search Compound Report

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 Acq On : 15 May 2002 7:43 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

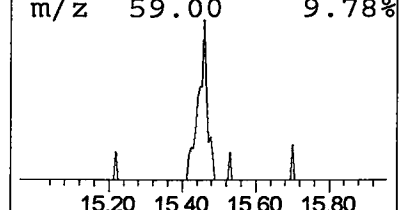
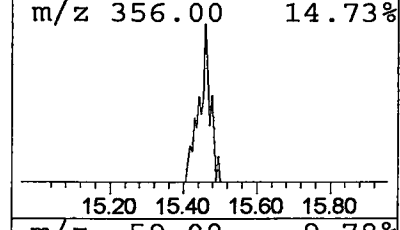
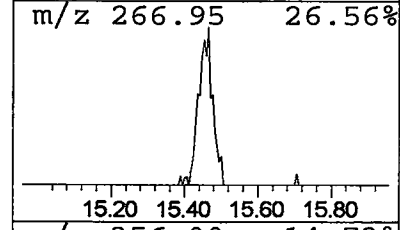
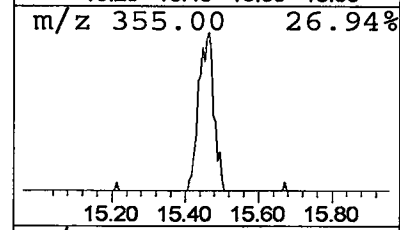
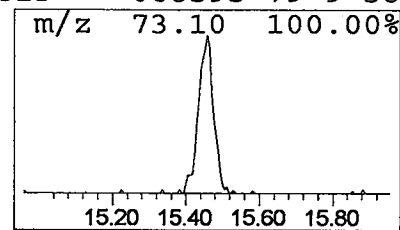
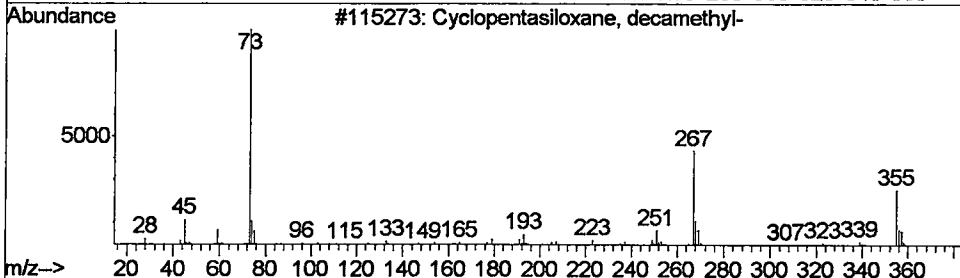
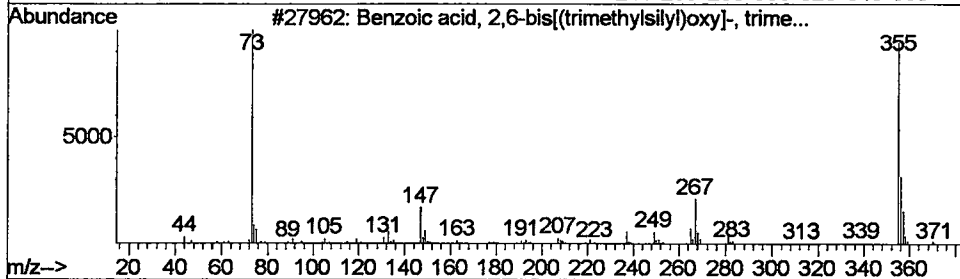
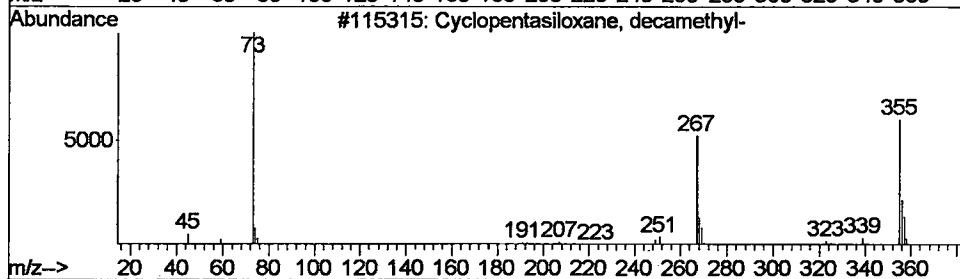
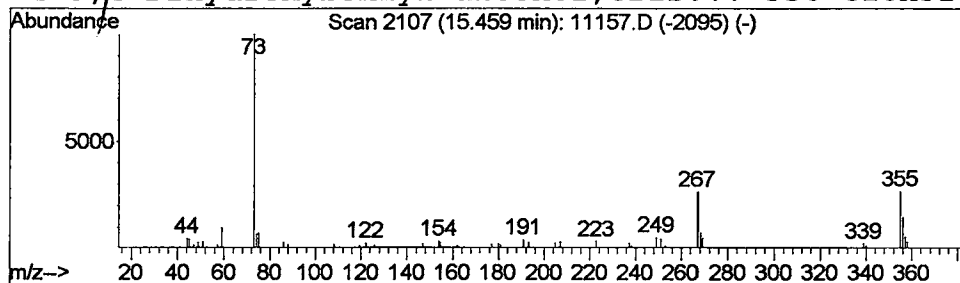
Vial: 9
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.83 ug/l	80988	Naphthalene-d8	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2			Benzoic acid, 2,6-bis[(trimethyl...	370	C16H30O4Si3	003782-85-2	42
3			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	40
4			3,4-Dihydroxybenzyl alcohol, tris...	356	C16H32O3Si3	068595-79-9	38



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11157.D
Acq On : 15 May 2002 7:43 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

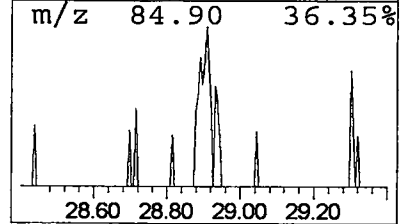
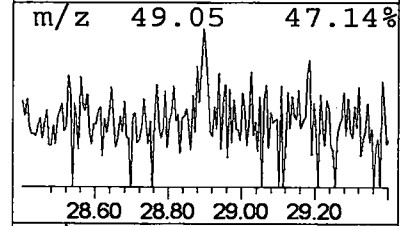
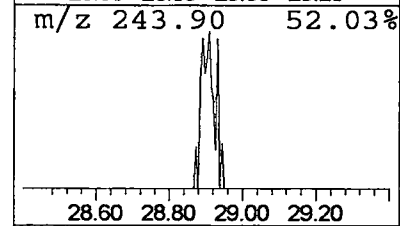
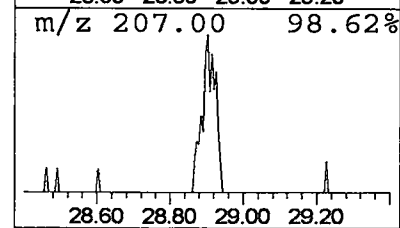
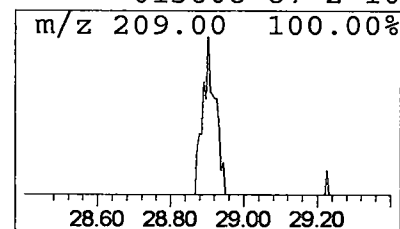
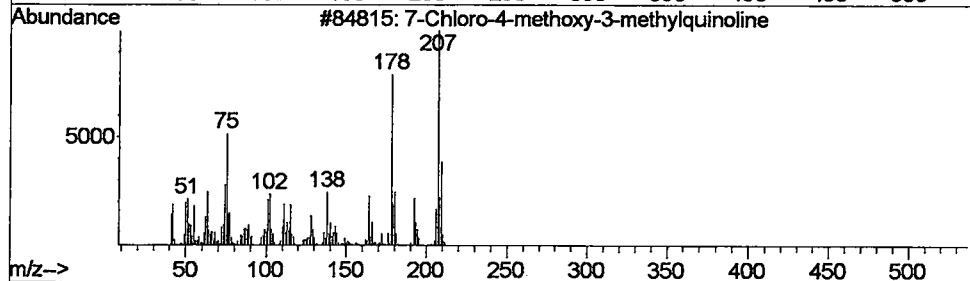
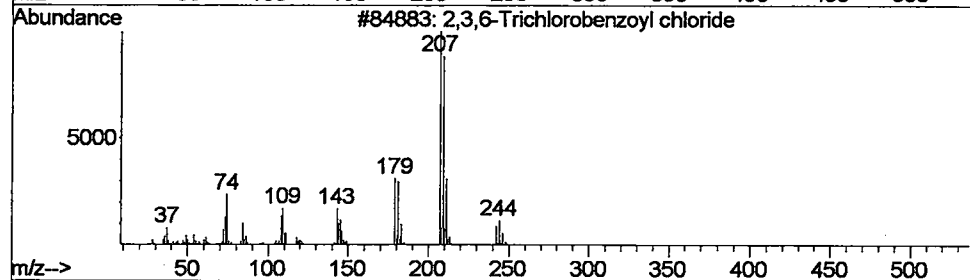
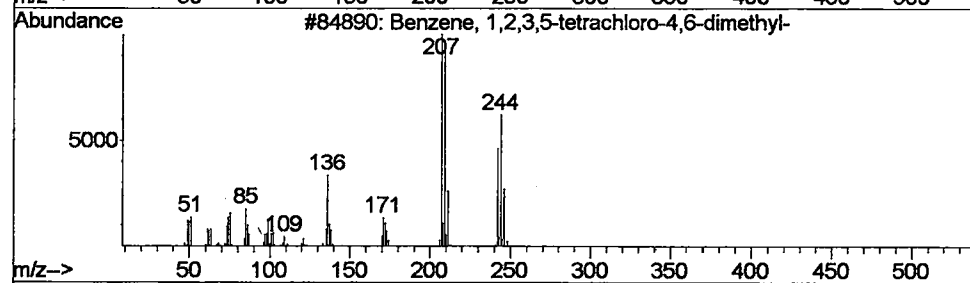
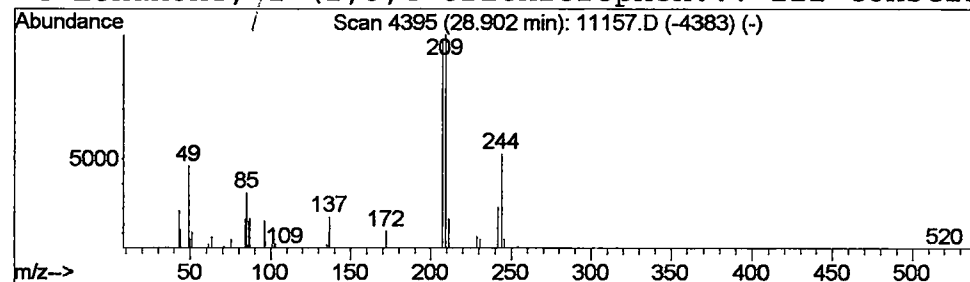
Vial: 9
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 Benzene, 1,2,3,5-tetrachlor... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.90	0.23 ug/l	25475	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,5-tetrachloro-4,6...	242	C8H6Cl4	000877-09-8	22
2		2,3,6-Trichlorobenzoyl chloride	242	C7H2Cl4O	004093-17-8	12
3		7-Chloro-4-methoxy-3-methylquino...	207	C11H10ClNO	1000213-52-2	10
4		Ethanone, 1-(2,3,4-trichlorophen...	222	C8H5Cl3O	013608-87-2	10



Library Search Compound Report

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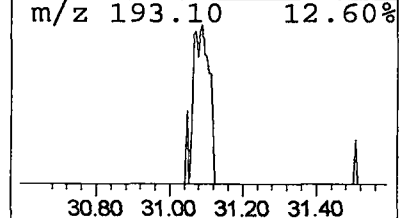
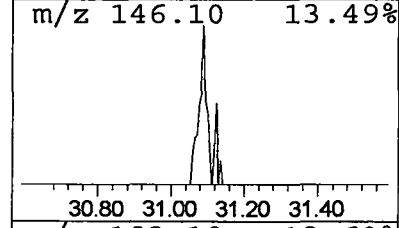
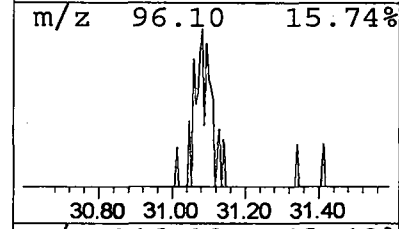
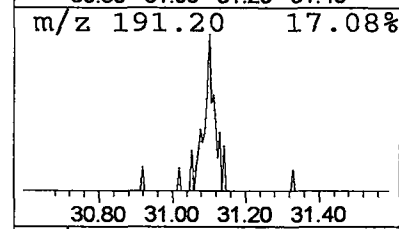
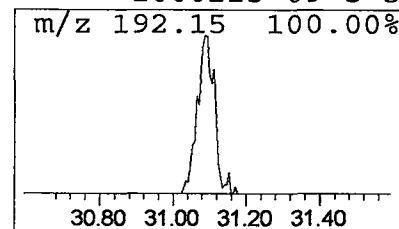
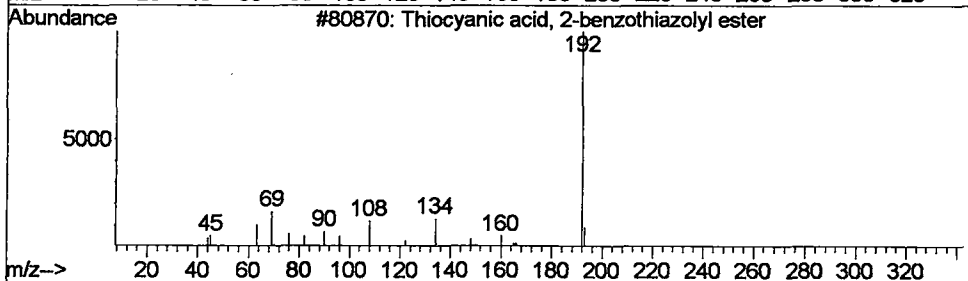
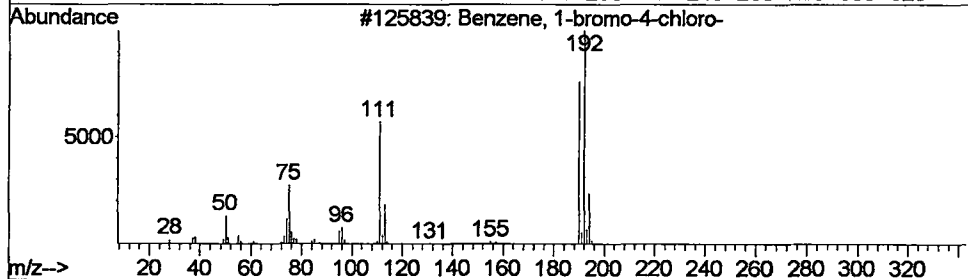
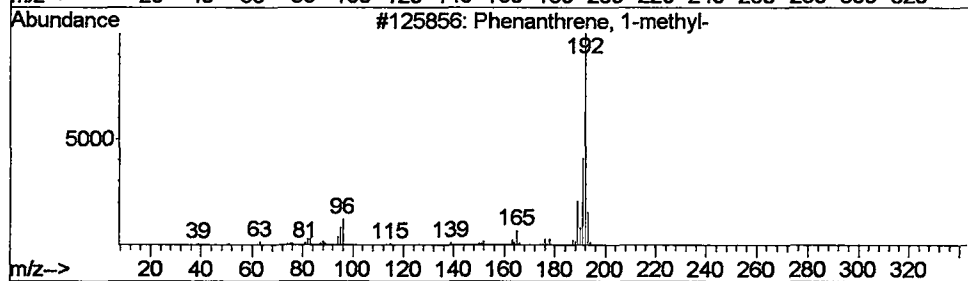
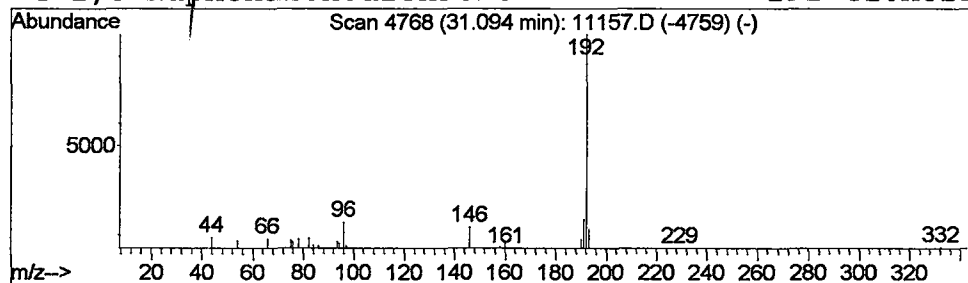
Vial: 9
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.31 ug/l	34159	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53	
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	53	
3	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53	
4	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	53	



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11157.D
Acq On : 15 May 2002 7:43 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

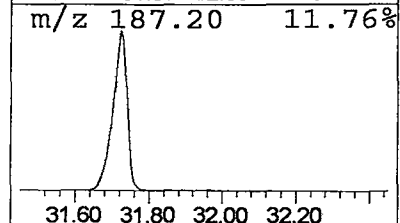
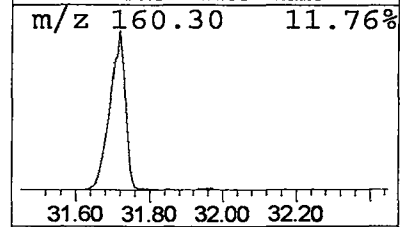
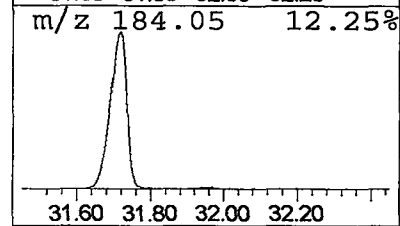
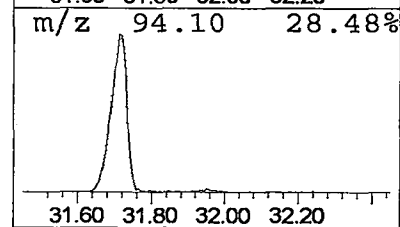
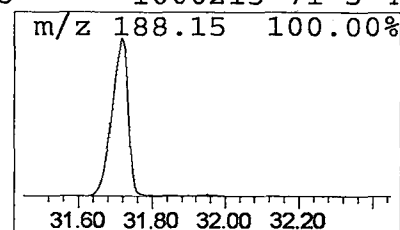
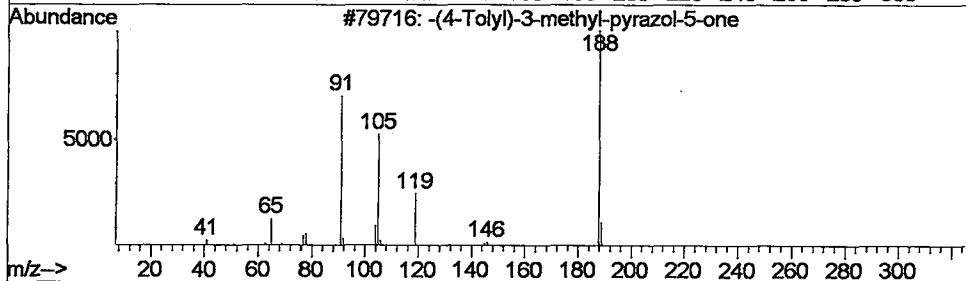
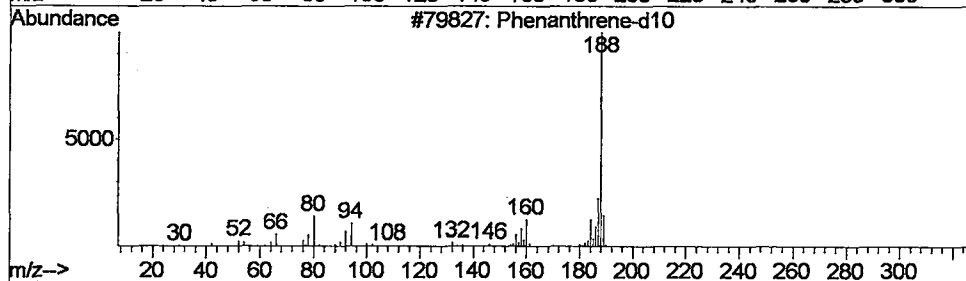
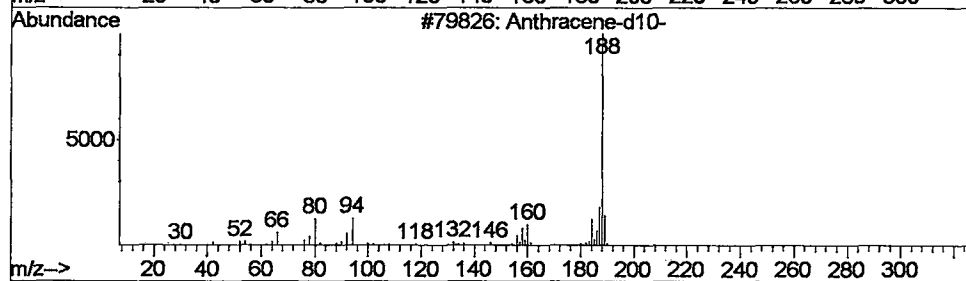
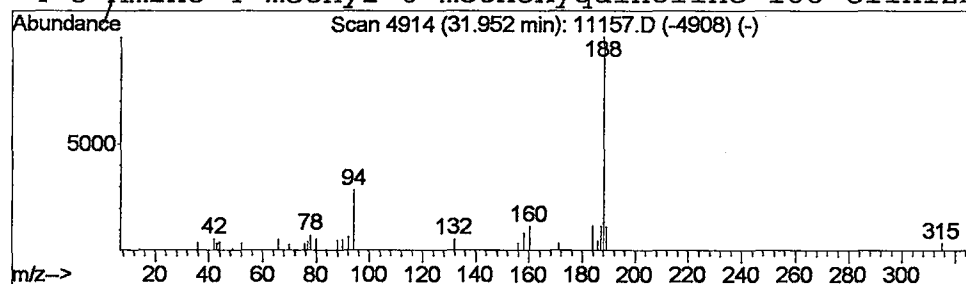
Vial: 9
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to, ISTD	R.T.
31.95	0.29 ug/l	31767	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1		Anthracene-d10-	188	C14D10	001719-06-8	74
2		Phenanthrene-d10	188	C14D10	001517-22-2	59
3		-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	43
4		3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 15 May 2002 7:43 pm
 Data File: C:\MSDCHEM\1\DATA\020515\11157.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
✓ Acetonitrile, dic...	3.65	0.4	ug/l	32718	1	11.38	3141510	40.0
✓ 2-Pentanone, 4-hy...	6.16	23.9	ug/l	1877420	1	11.38	3141510	40.0
✓ Cyclopentasiloxan...	15.46	0.8	ug/l	80988	2	16.53	3912560	40.0
Benzene, 1,2,3,5- ...	28.90	0.2	ug/l	25475	4	31.72	4410640	40.0
/ Phenanthrene, 1-m...	31.09	0.3	ug/l	34159	4	31.72	4410640	40.0
Anthracene-d10-	31.95	0.3	ug/l	31767	4	31.72	4410640	40.0