

Jser: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/22/2002 Time: 10:58:45

Sample: AE11156
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/22/02 10:58 Ended: 5/22/02 10:58 Analyst: DLV
 Page: 1

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

omments for Sample AE11156 - Analysis \$GCMS

/estchester Dept. of Labs & Research
ser: Vinci, David L
ate: 05-22-2002 Time: 10:59:09

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

he level for Bis(2-ethylhexyl)phthalate of 5.4 ug/l is probably due to
laboratory contamination, which was also observed in the Laboratory Blank and
CS Standard.

Data File : C:\MSDCHEM\1\DATA\020515\11156.D

Vial: 22

Acq On : 16 May 2002 8:33 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 16 09:35:42 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	459848	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1744937	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	935606	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1590183	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1277172	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	743211	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	271761	36.36	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	90.90%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	138660	5.07	ug/l	Qvalue 96
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
11156.D SCAN020507.M Thu May 16 09:36:53 2002 Page 1

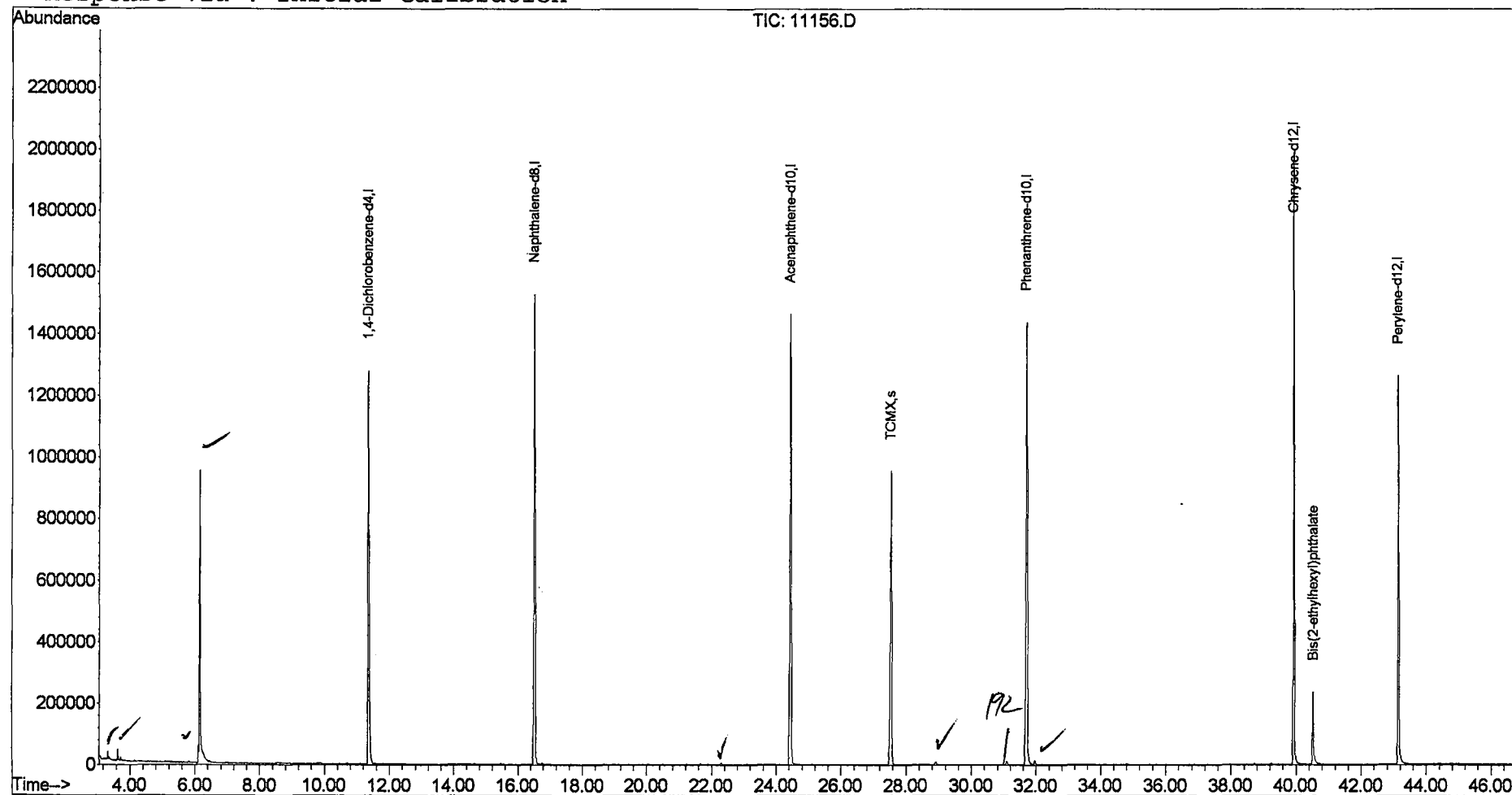
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\11156.D
 Acq On : 16 May 2002 8:33 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 16 9:36 2002

Vial: 22
 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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020515\11156.D
 Acq On : 16 May 2002 8:33 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 22
 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: 0.5 % 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

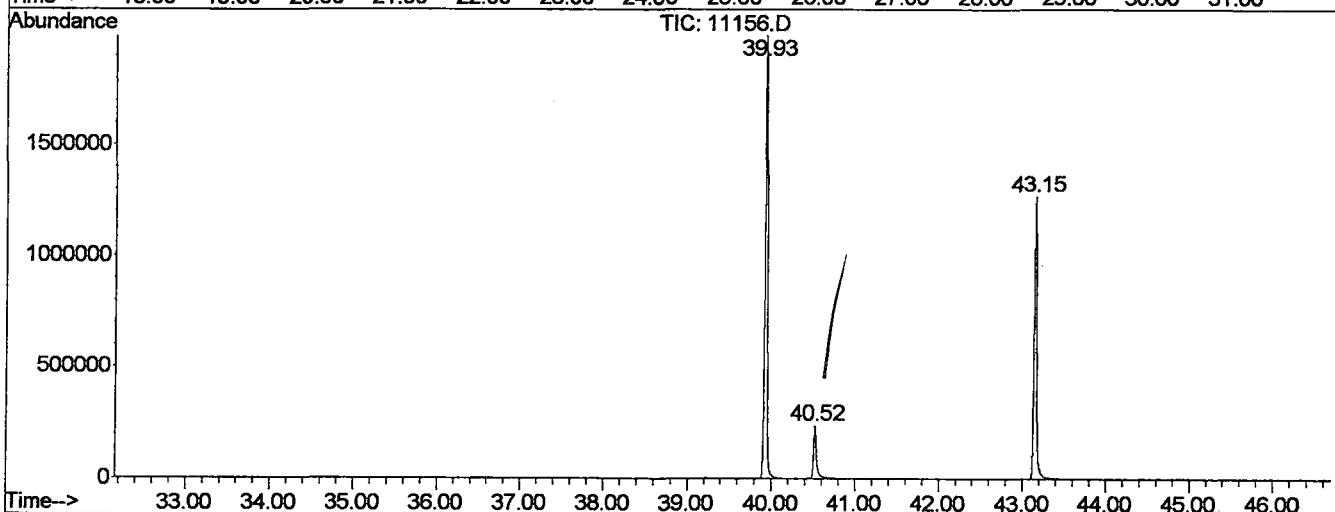
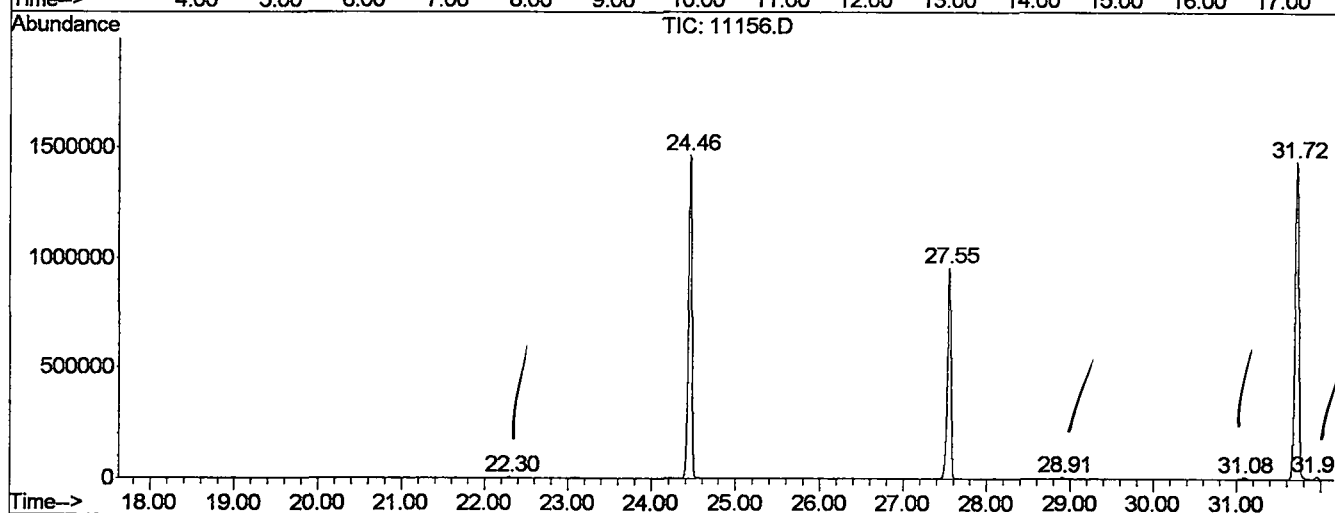
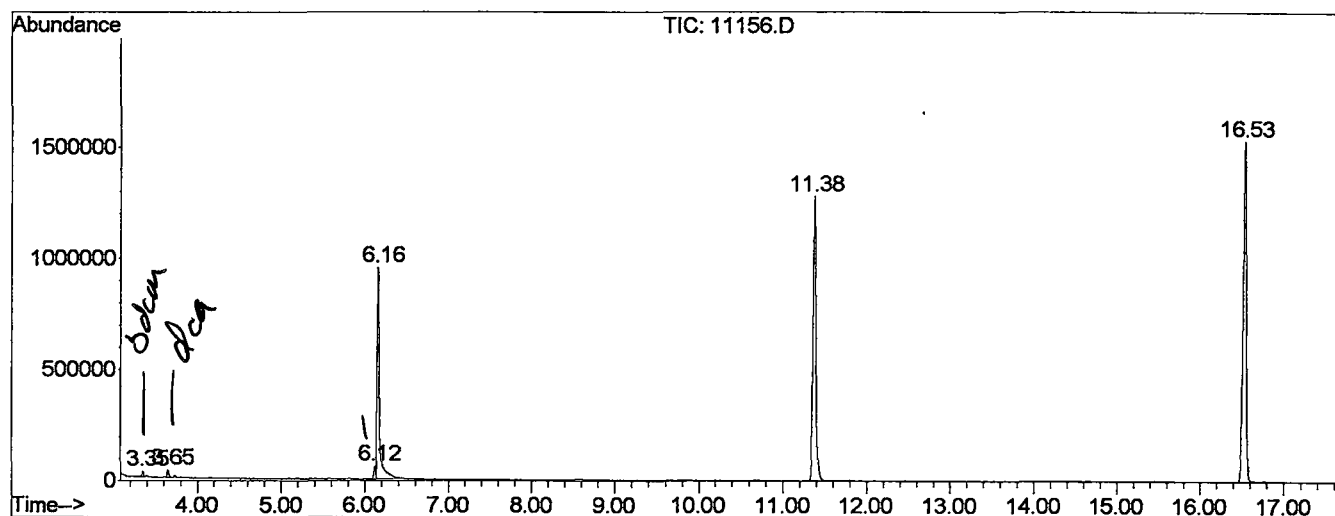
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.350	41	46	50	rBV	26983	32703	0.73%	0.118%
2	3.649	93	97	104	rVB2	36130	48458	1.09%	0.174%
3	6.123	511	518	520	rBV	60520	93724	2.11%	0.337%
4	6.158	520	524	568	rVB	949379	1857769	41.74%	6.675%
5	11.376	1400	1412	1434	rBV	1277568	3209228	72.11%	11.531%
6	16.534	2274	2290	2313	rBV	1529637	4014748	90.21%	14.426%
7	22.298	3260	3271	3284	rBV6	7059	22815	0.51%	0.082%
8	24.461	3619	3639	3650	rBV2	1464285	4174354	93.79%	14.999%
9	27.551	4145	4165	4181	rBV	957204	2786568	62.61%	10.013%
10	28.914	4385	4397	4403	rBV8	8467	22325	0.50%	0.080%
11	31.076	4751	4765	4767	rBV4	10718	22476	0.51%	0.081%
12	31.717	4856	4874	4893	rBV3	1438278	4450539	100.00%	15.992%
13	31.952	4905	4914	4924	rVB4	12922	37301	0.84%	0.134%
14	39.931	6261	6272	6294	rBV2	1990289	3865422	86.85%	13.889%
15	40.518	6364	6372	6397	rBV	234911	552072	12.40%	1.984%
16	43.151	6809	6820	6851	rBV	1264658	2639989	59.32%	9.486%

Sum of corrected areas: 27830491

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\11156.D
 Operator : Nefliu
 Acquired : 16 May 2002 8:33 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 22
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11156.D
Acq On : 16 May 2002 8:33 am
Sample : sample
Misc :
MS Integration Params: rteint.e

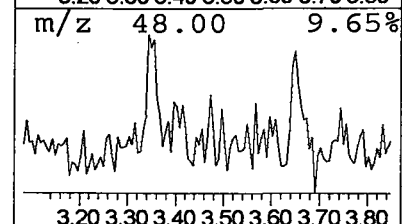
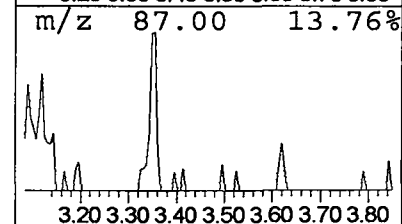
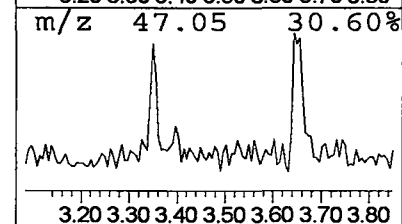
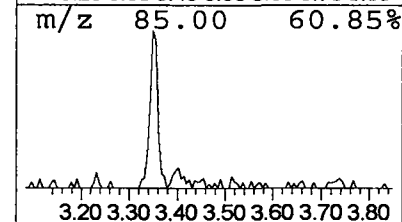
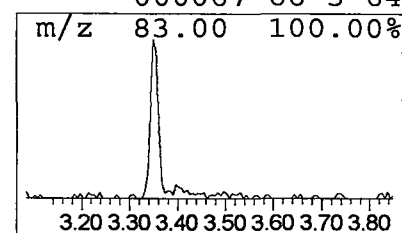
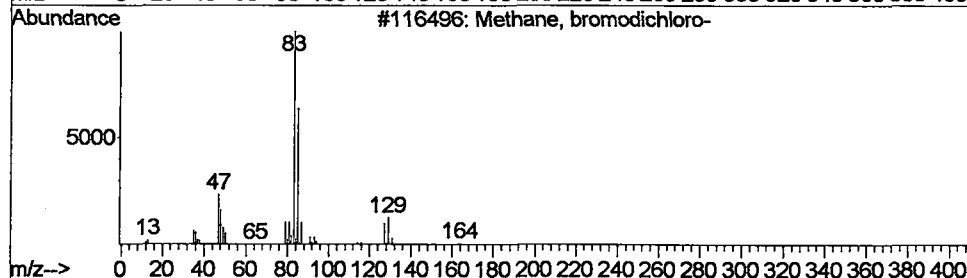
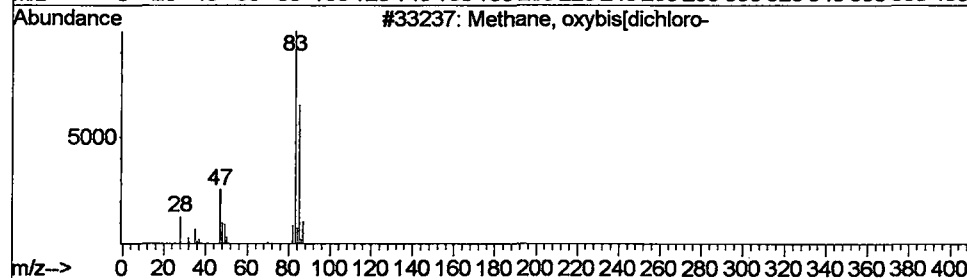
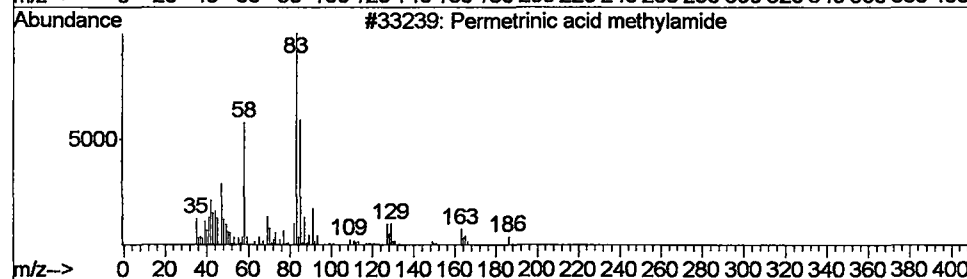
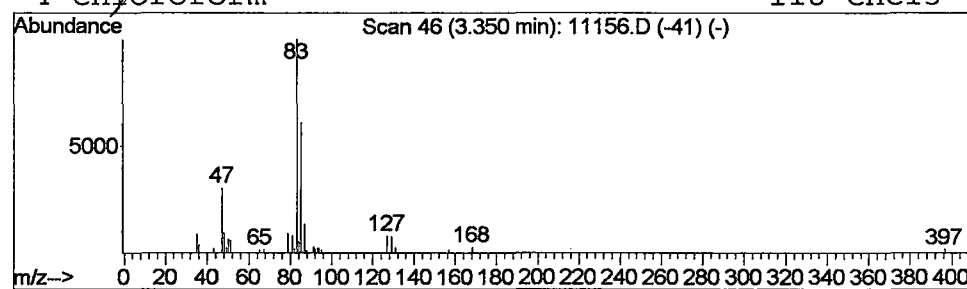
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 Permetrinic acid methylamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	0.41 ug/l	32703	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Permetrinic acid methylamide	221	C9H13Cl2NO	1000222-05-3	83
2		Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	64
3		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	64
4		Chloroform	118	CHCl3	000067-66-3	64



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11156.D
 Acq On : 16 May 2002 8:33 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

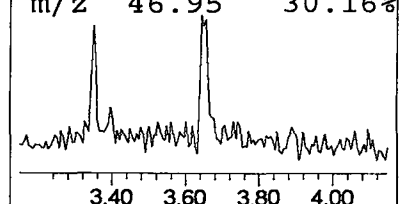
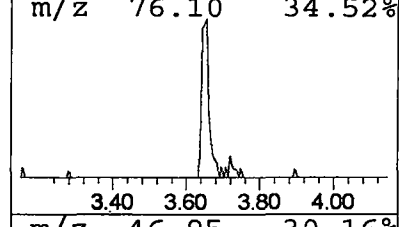
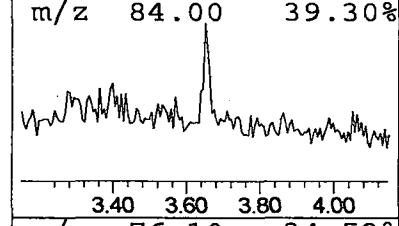
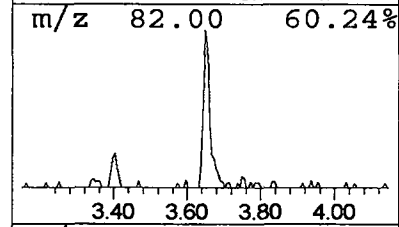
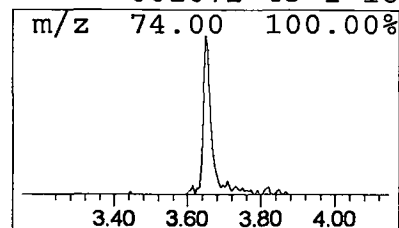
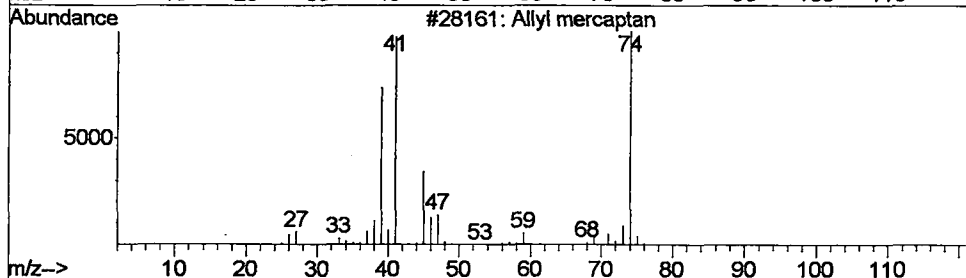
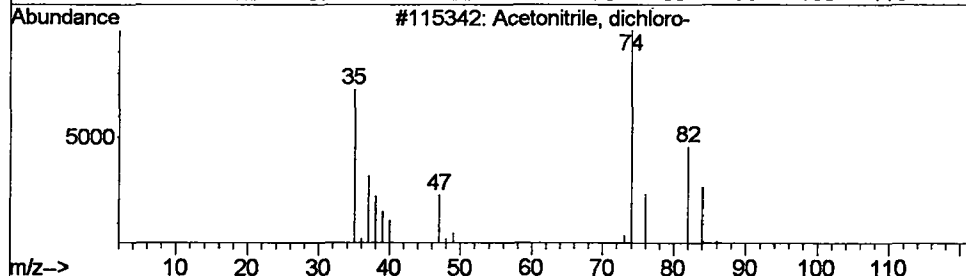
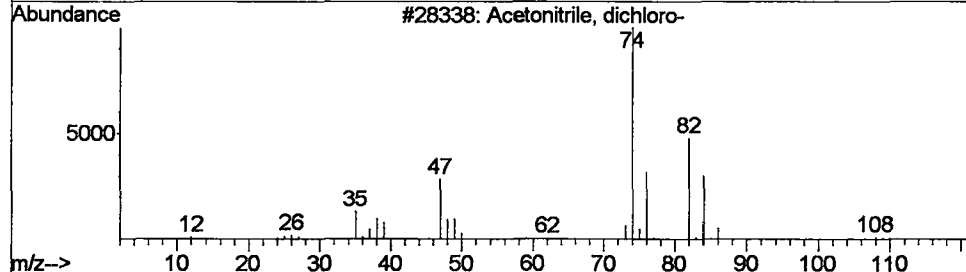
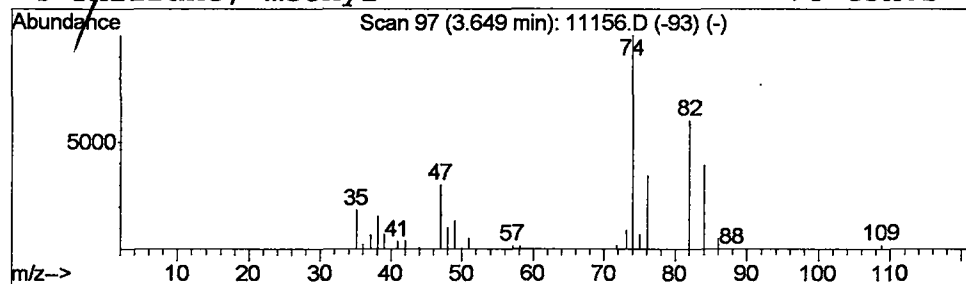
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 Acetonitrile, dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.60 ug/l	48458	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	96
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	38
3		Allyl mercaptan	74	C3H6S	000870-23-5	27
4		Thiirane, methyl-	74	C3H6S	001072-43-1	16



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11156.D
Acq On : 16 May 2002 8:33 am
Sample : sample
Misc :
MS Integration Params: rteint.e

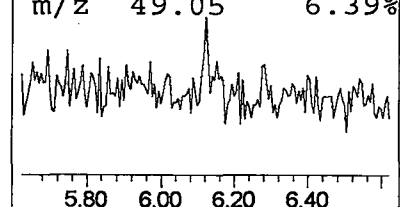
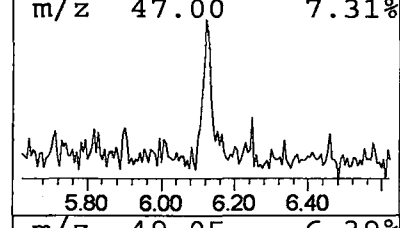
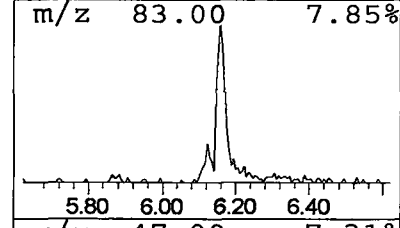
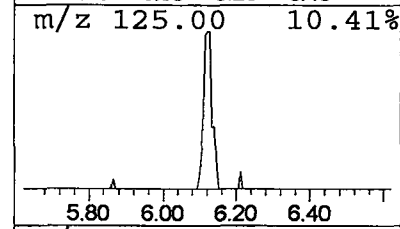
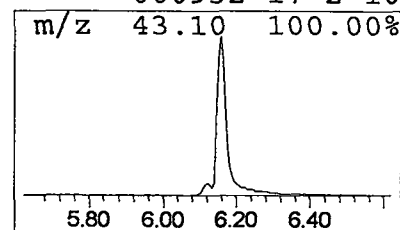
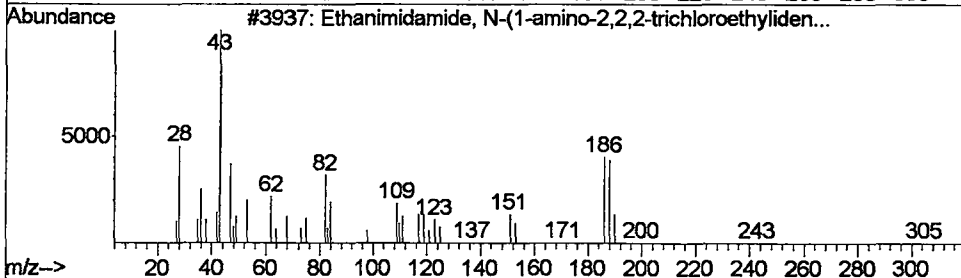
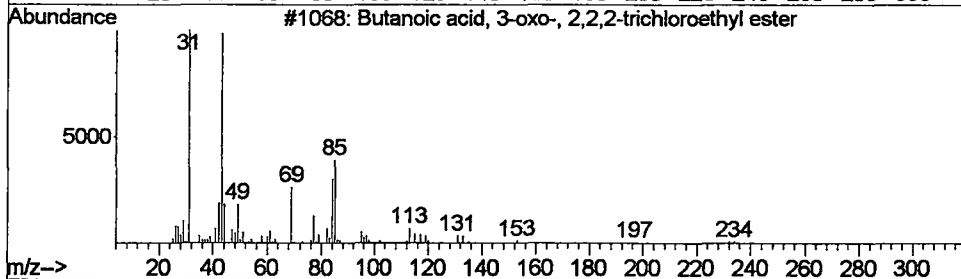
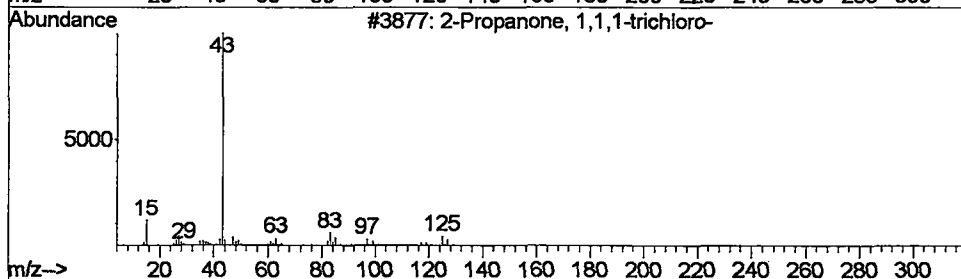
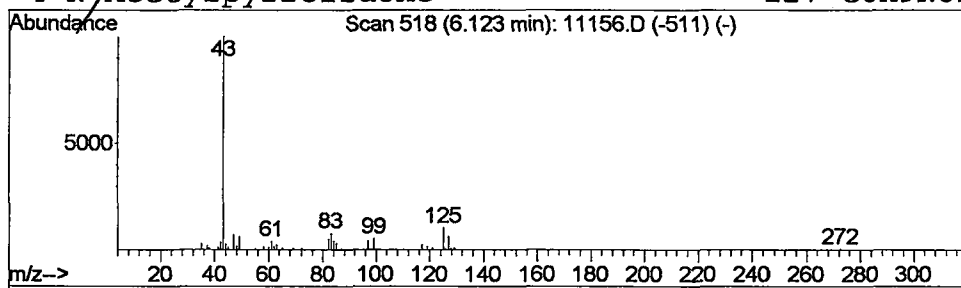
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	1.17 ug/l	93724	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	59
2			Butanoic acid, 3-oxo-, 2,2,2-tri...	232	C6H7Cl3O3	058547-15-2	12
3			Ethanimidamide, N-(1-amino-2,2,2...	303	C4H3Cl6N3	067172-64-9	12
4			N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	10



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11156.D
 Acq On : 16 May 2002 8:33 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

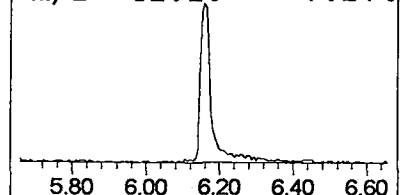
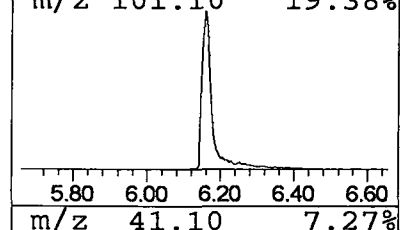
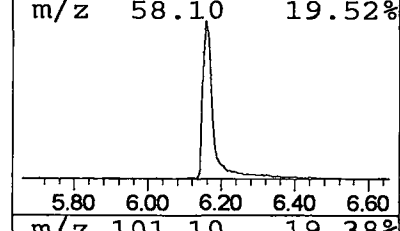
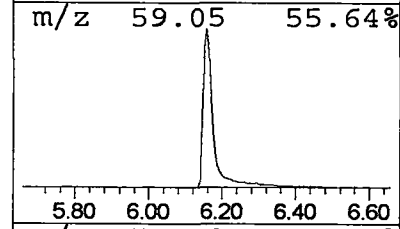
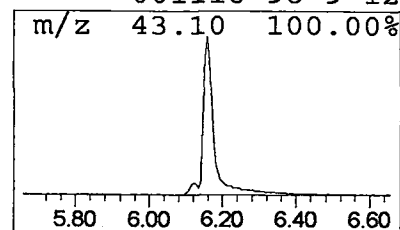
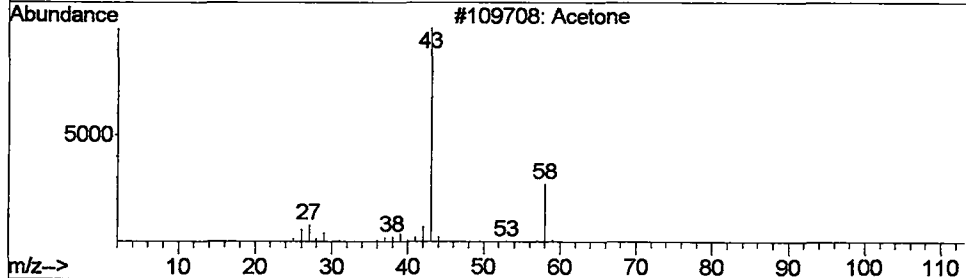
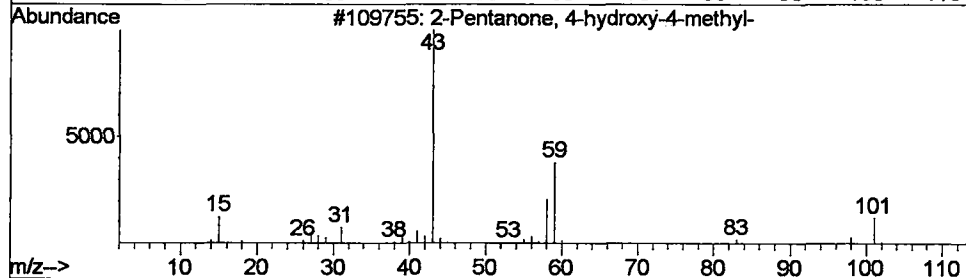
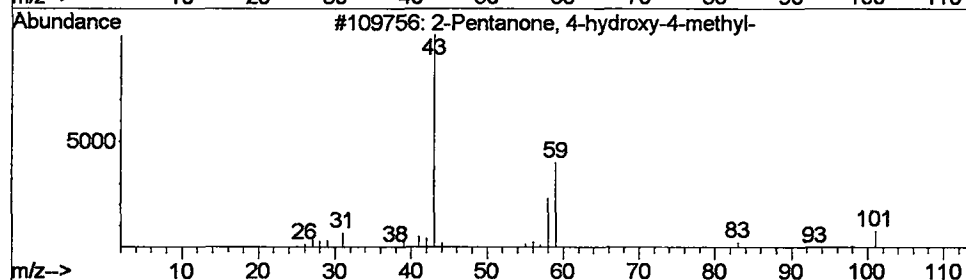
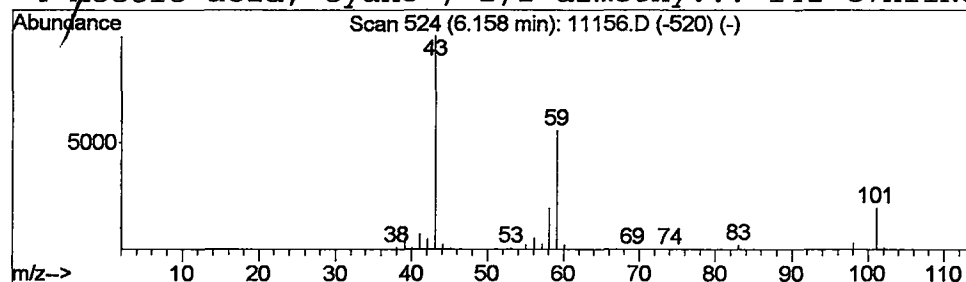
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	23.16 ug/l	1857770	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	45
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3			Acetone	58	C3H6O	000067-64-1	12
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12



Data File : C:\MSDCHEM\1\DATA\020515\11156.D
Acq On : 16 May 2002 8:33 am
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Misc :
MS Integration Params: rteint.e

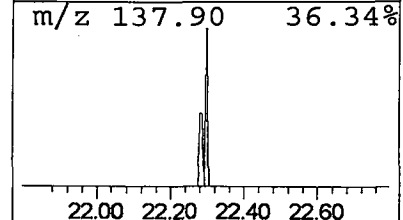
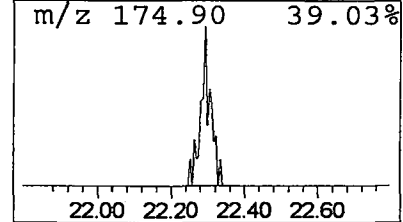
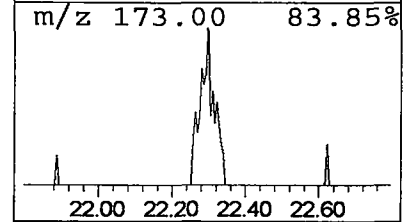
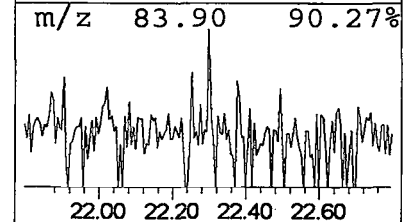
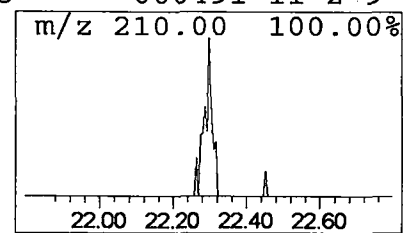
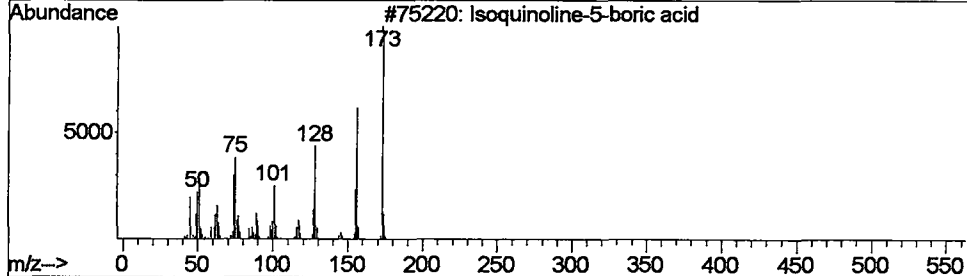
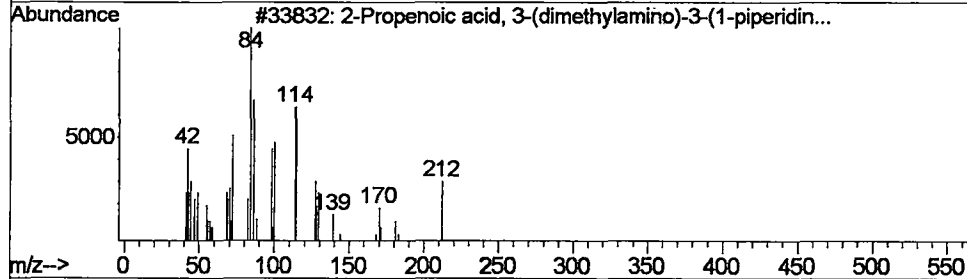
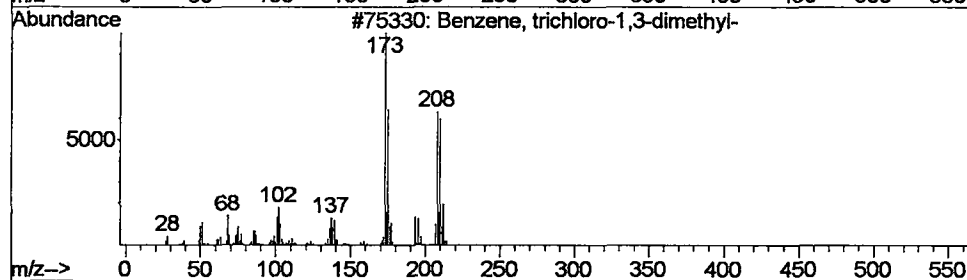
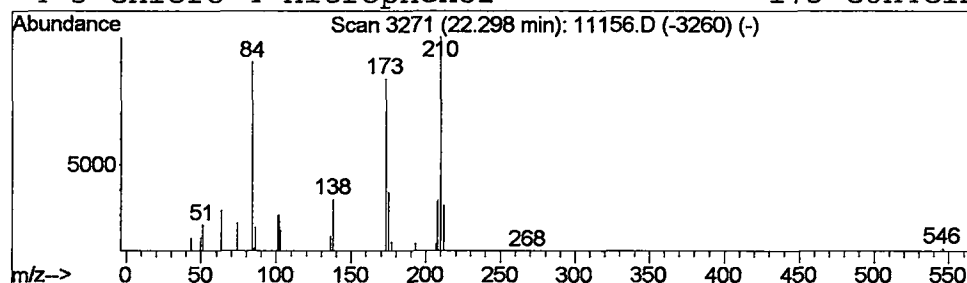
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Benzene, trichloro-1,3-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	0.22 ug/l	22815	Acenaphthene-d10	24.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, trichloro-1,3-dimethyl-	208	C8H7Cl3	054965-20-7	15
2		2-Propenoic acid, 3-(dimethylami...	212	C11H20N2O2	049582-41-4	12
3		Isoquinoline-5-boric acid	173	C9H8BNO2	1000214-23-4	10
4		3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	9



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Acq On : 16 May 2002 8:33 am
Sample : sample
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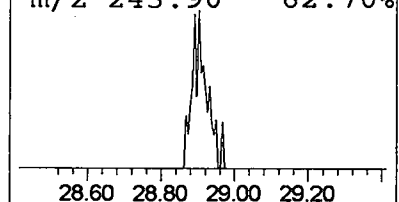
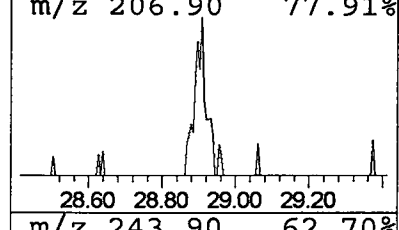
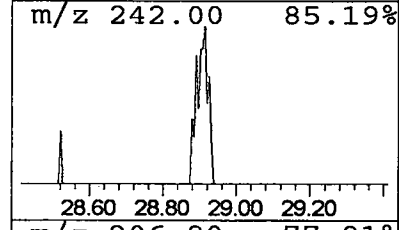
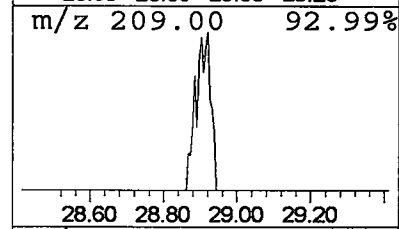
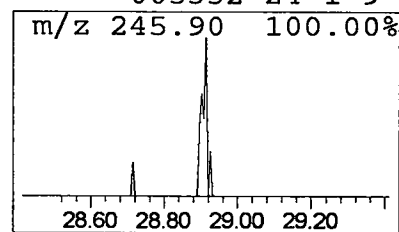
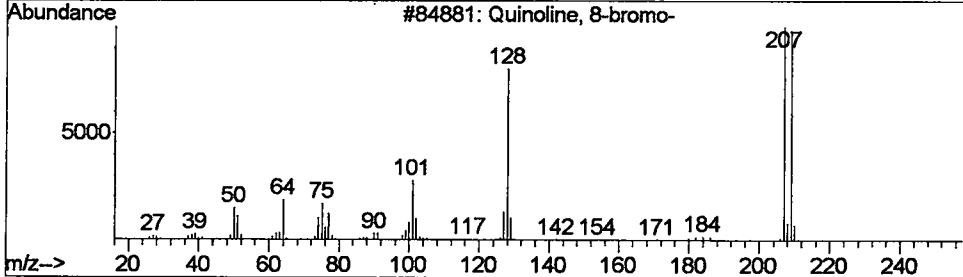
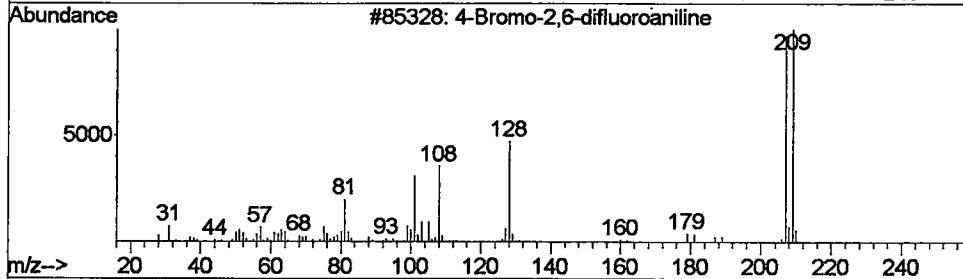
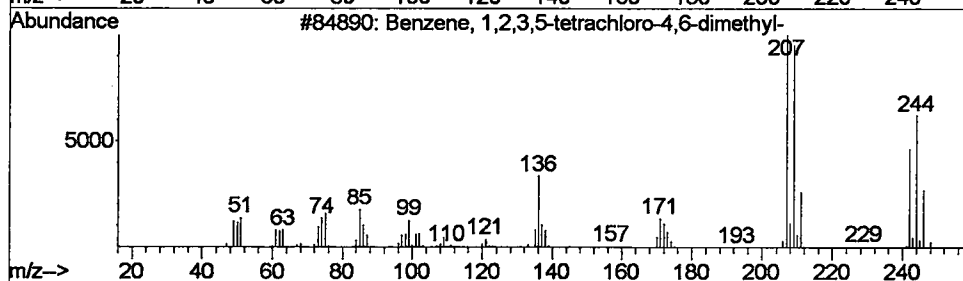
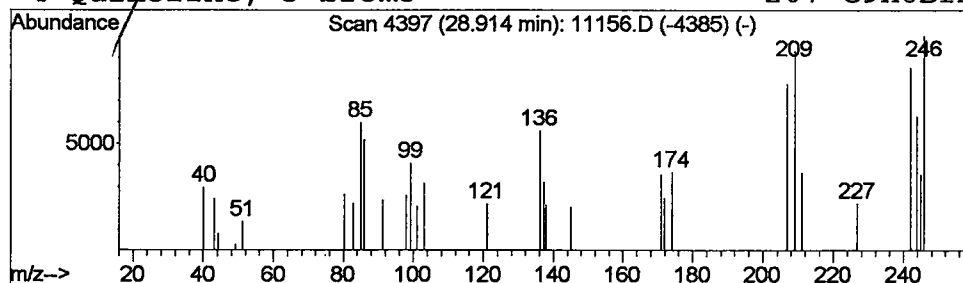
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 Benzene, 1,2,3,5-tetrachlor... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.91	0.20 ug/l	22325	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	25
2			4-Bromo-2,6-difluoroaniline	207	C6H4BrF2N	067567-26-4	10
3			Quinoline, 8-bromo-	207	C9H6BrN	016567-18-3	10
4			Quinoline, 3-bromo-	207	C9H6BrN	005332-24-1	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11156.D
 Acq On : 16 May 2002 8:33 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

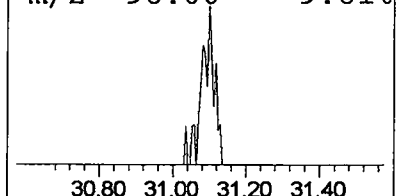
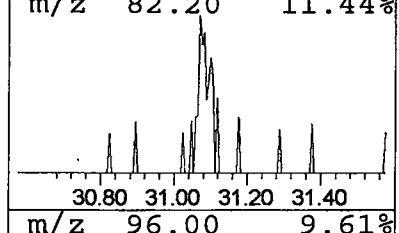
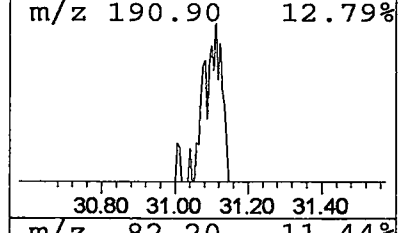
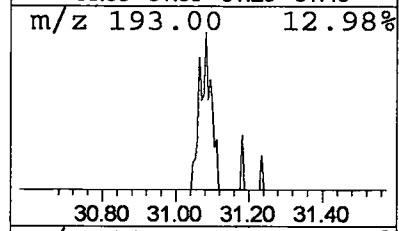
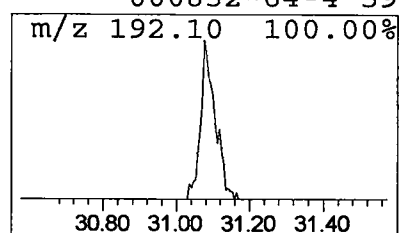
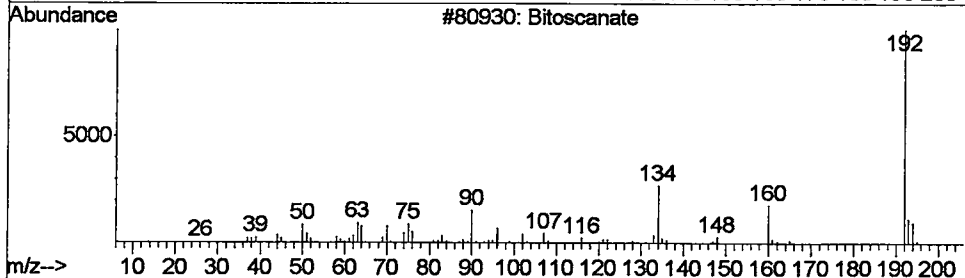
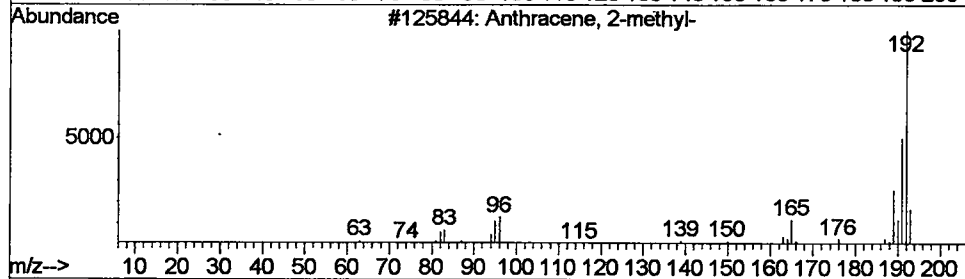
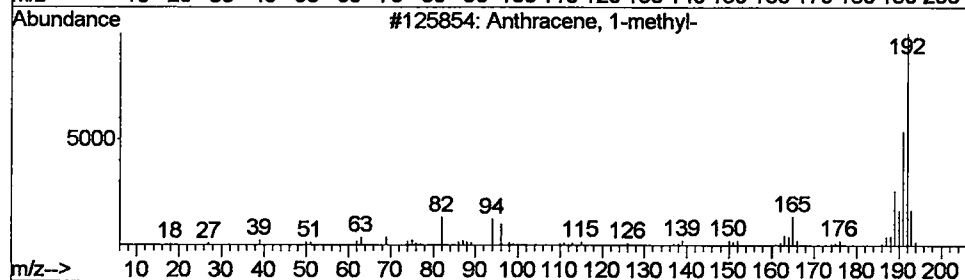
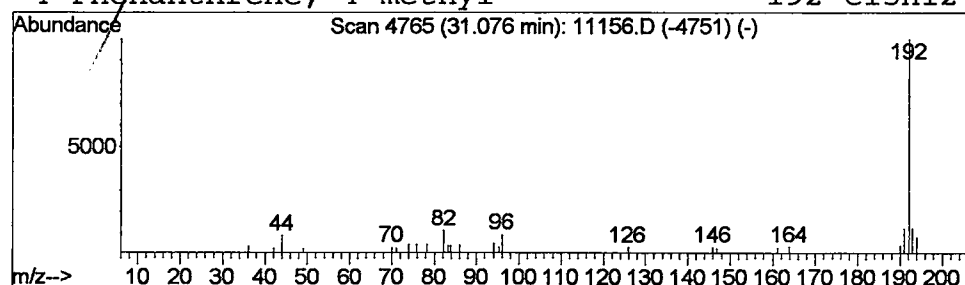
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 7 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.20 ug/l	22476	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	59
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
3		Bitoscanate	192	C8H4N2S2	004044-65-9	59
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	59



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11156.D

Acq On : 16 May 2002 8:33 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 22

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

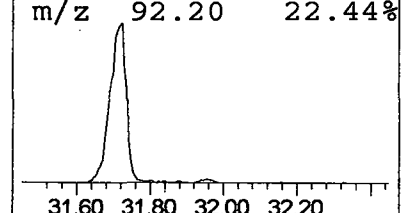
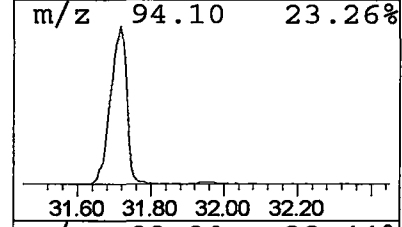
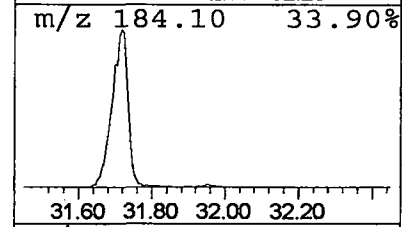
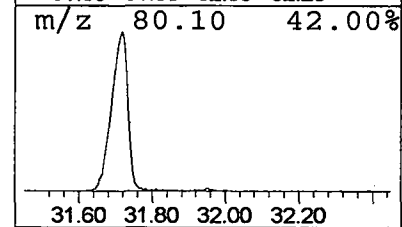
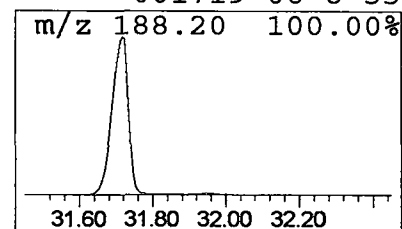
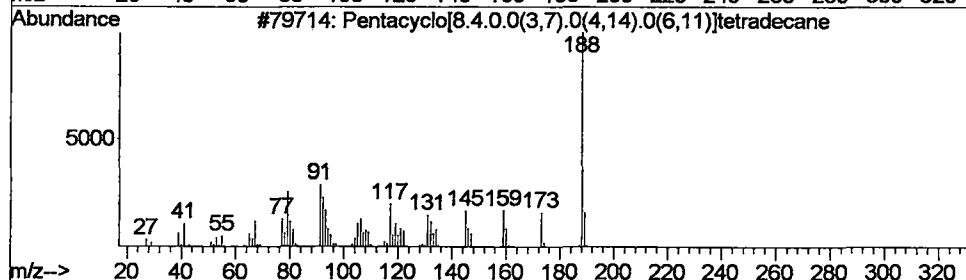
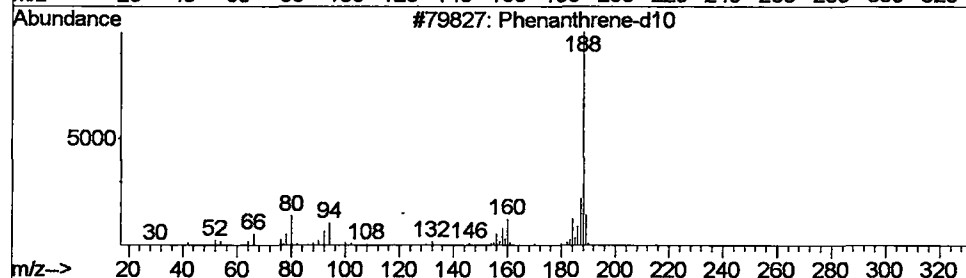
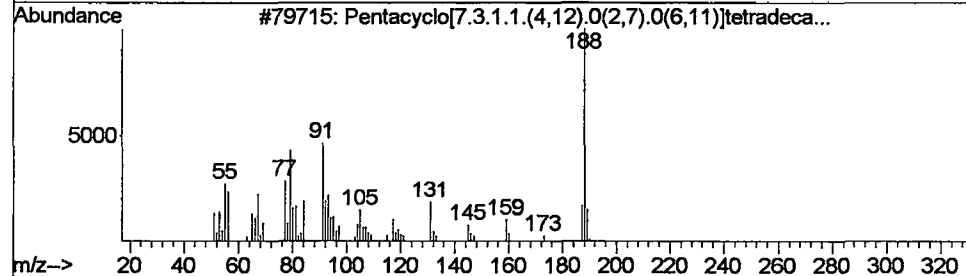
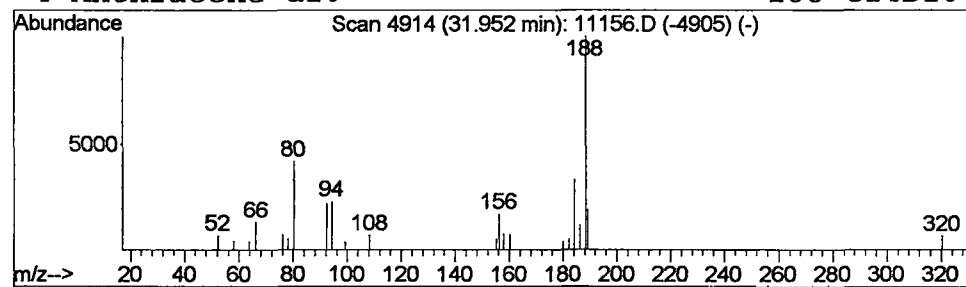
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 8 Pentacyclo[7.3.1.1.(4,12).0... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.34 ug/l	37301	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	47
2		Phenanthrene-d10	188	C14D10	001517-22-2	45
3		Pentacyclo[8.4.0.0(3,7).0(4,14)...]	188	C14H20	1000099-27-2	37
4		Anthracene-d10-	188	C14D10	001719-06-8	33



tentatively identified compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 May 2002 8:33 am
 Data File: C:\MSDCHEM\1\DATA\020515\11156.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
Methoxy, bromodichloro Permethrinic acid ...	3.35	0.4	ug/l	32703	1	11.38	3209230	40.0
- Acetonitrile, dic...	3.65	0.6	ug/l	48458	1	11.38	3209230	40.0
- 2-Propanone, 1,1,...	6.12	1.2	ug/l	93724	1	11.38	3209230	40.0
- 2-Pentanone, 4-hy...	6.16	23.2	ug/l	1857770	1	11.38	3209230	40.0
Benzene, trichlor...	22.30	0.2	ug/l	22815	3	24.46	4174350	40.0
Benzene, 1,2,3,5-...	28.91	0.2	ug/l	22325	4	31.72	4450540	40.0
- Anthracene, 1-met...	31.08	0.2	ug/l	22476	4	31.72	4450540	40.0
Pentaacyclo[7.3.1]... Anthracene	31.95	0.3	ug/l	37301	4	31.72	4450540	40.0