

^Data File : C:\MSDCHEM\1\DATA\020419\08487.D
 Acq On : 20 Apr 2002 6:46 am
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 26 15:24:43 2002

Vial: 24
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Mon Apr 22 08:00:39 2002
 Response via : Initial Calibration
 DataAcq Meth : 508SCAN1

Original

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	10366672	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	39396030	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	21756977	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	31362772	40.00	ug/l	-0.06
38) Chrysene-d12	39.93	240	21682123	40.00	ug/l	-0.08
44) Perylene-d12	43.15	264	15708128	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.54	207	923170	6.83	ug/l	-0.08
Spiked Amount	10.000		Recovery	=	68.30%	

Target Compounds

						Qvalue
35) Di-n-butylphthalate	34.81	149	82115	0.07	ug/l	94
43) Bis(2-ethylhexyl)phthalate	40.52	149	72056m	0.13	ug/l	

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 08487.D SCAN020418.M Fri Apr 26 15:25:47 2002 Page 1

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MS Integration Params: EVENTS.E

Quant Time: Apr 26 15:25 2002

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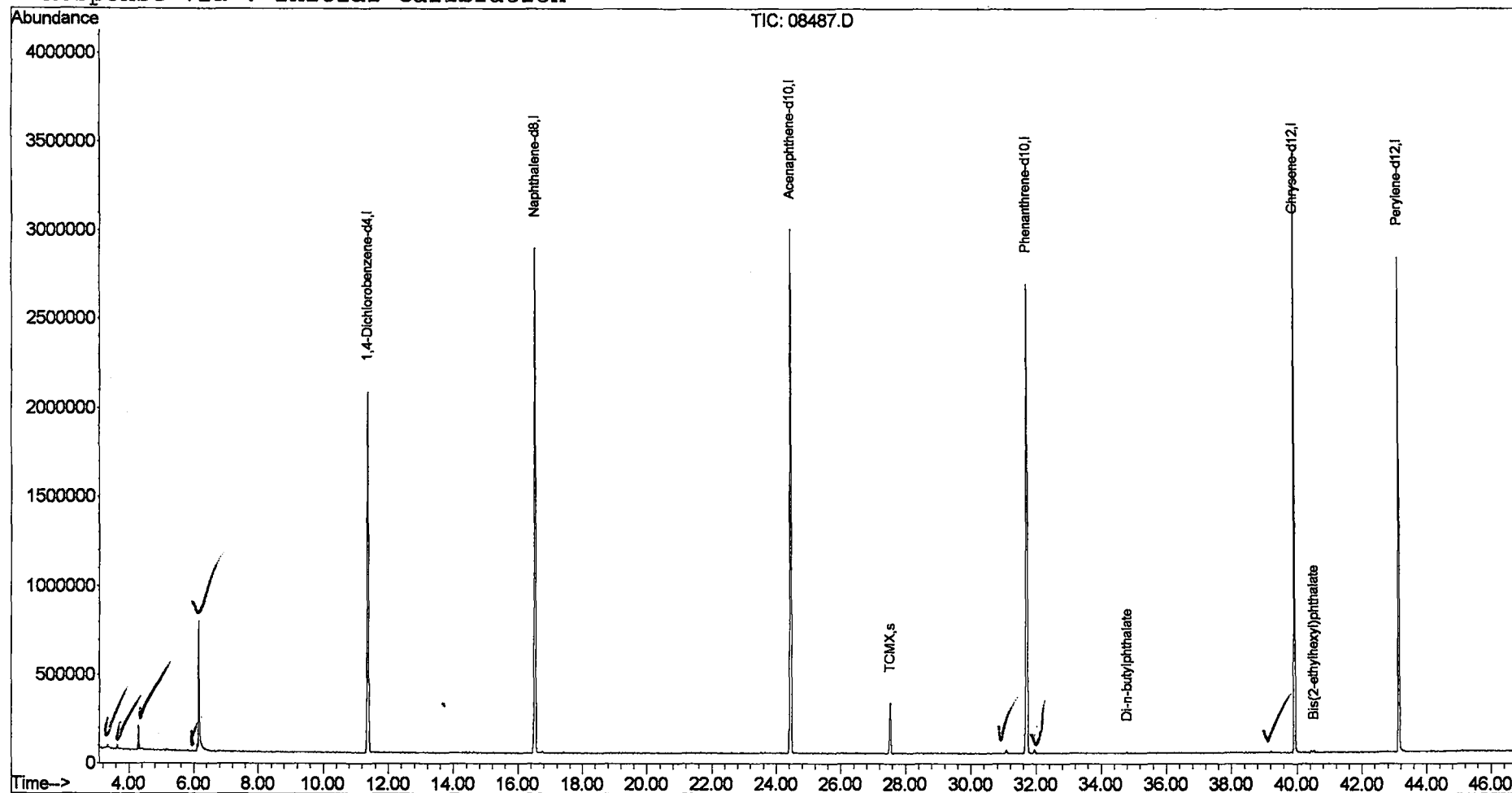
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Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

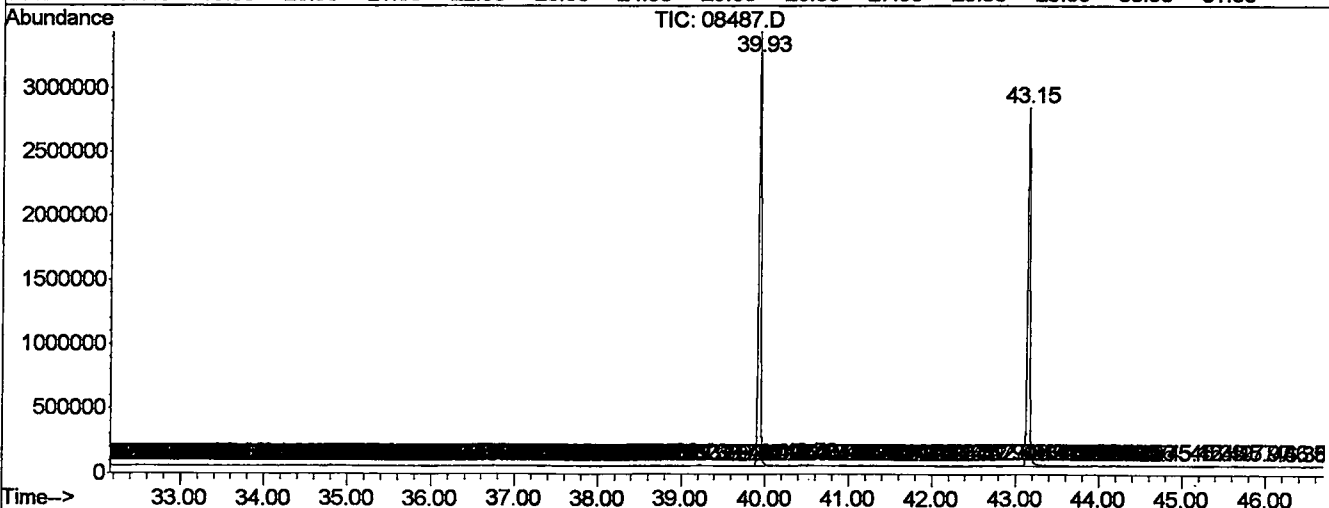
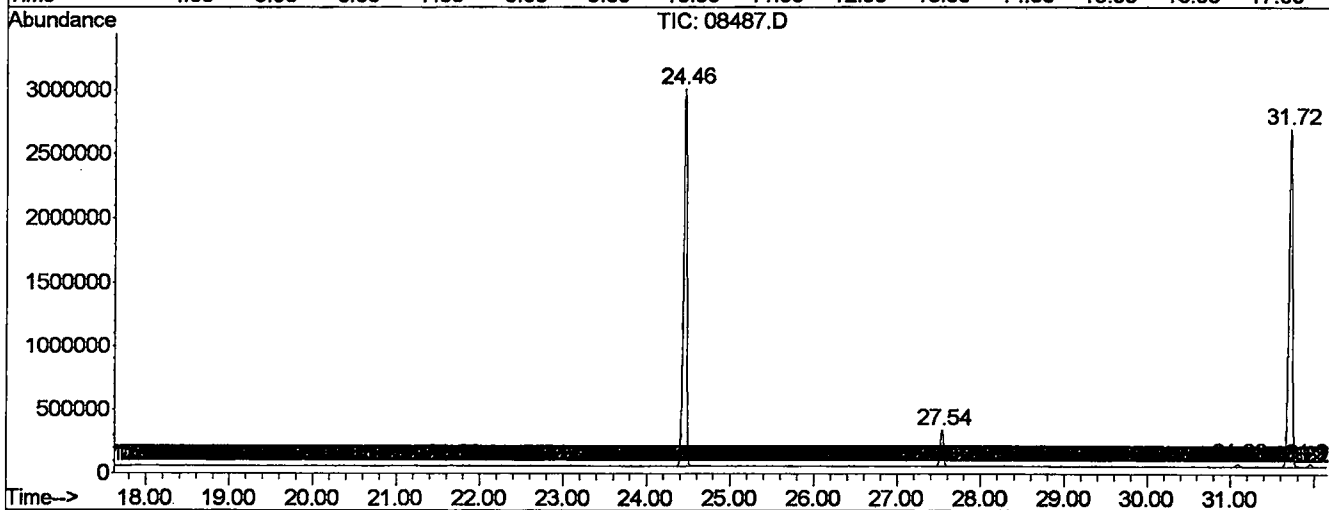
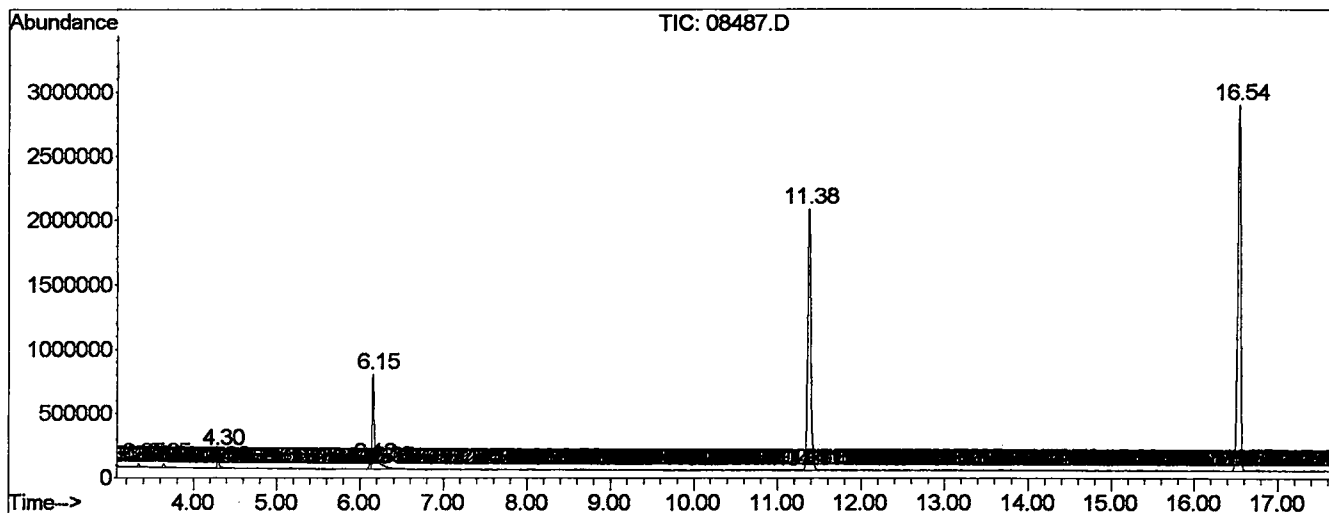
Last Update : Mon Apr 22 08:00:39 2002

Response via : Initial Calibration



LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08487.D
 Operator : Nefliu
 Acquired : 20 Apr 2002 6:46 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 24
 Quant File :SCAN020418.RES (Chemstation Integrator)



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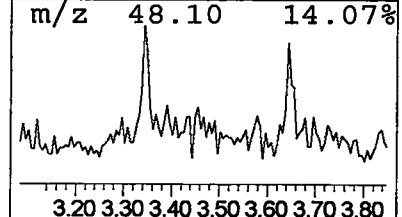
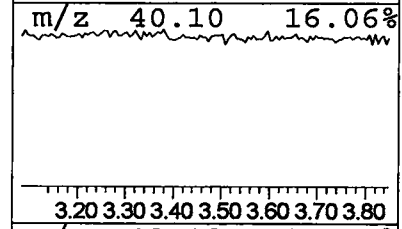
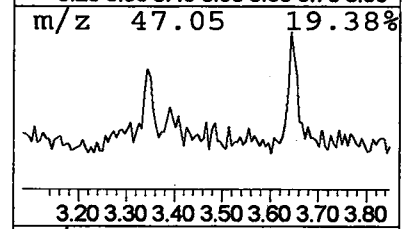
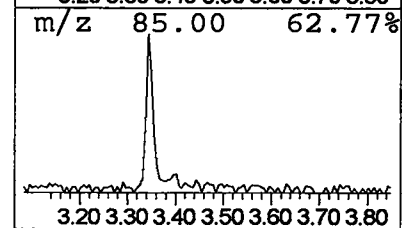
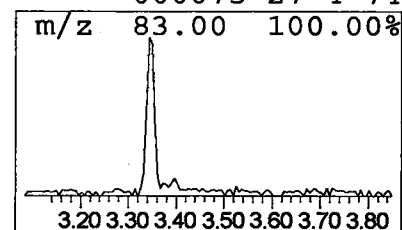
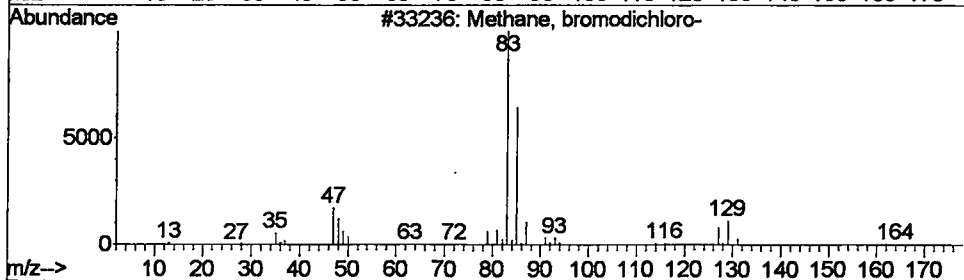
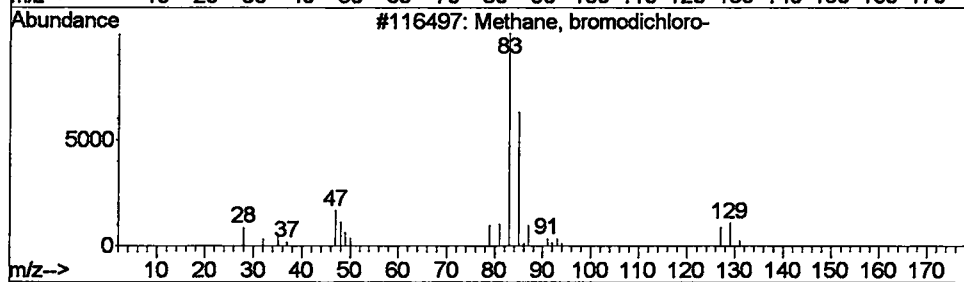
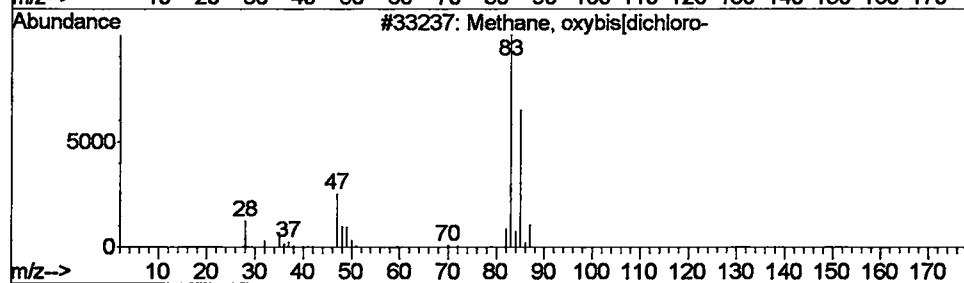
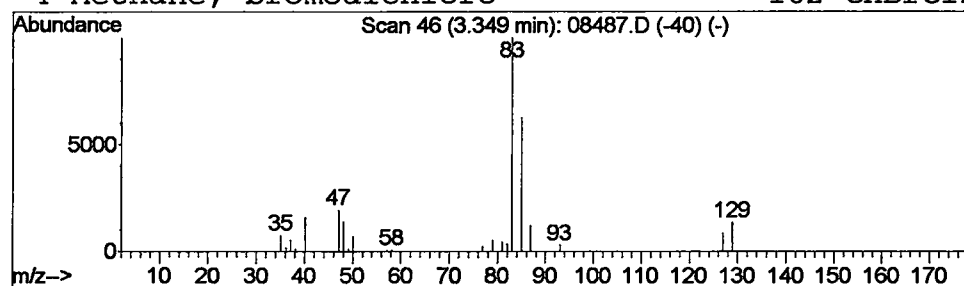
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Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 1 Methane, oxybis[dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	0.37 ug/l	489847	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	78
2		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74
3		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74
4		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74



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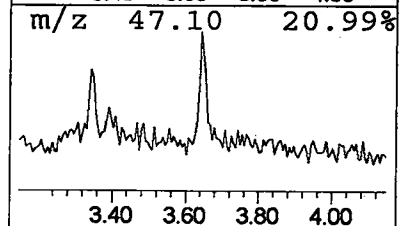
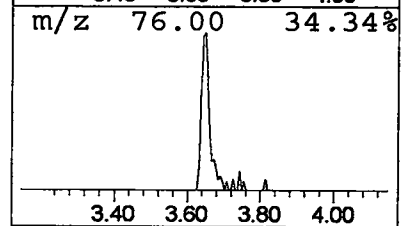
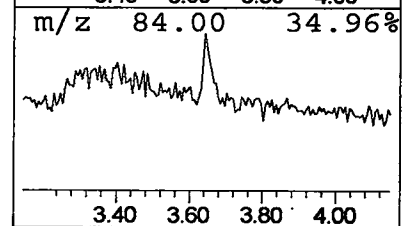
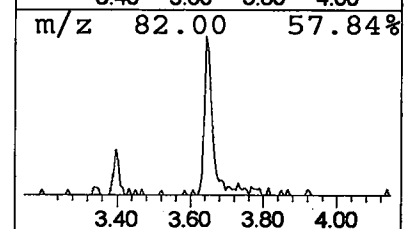
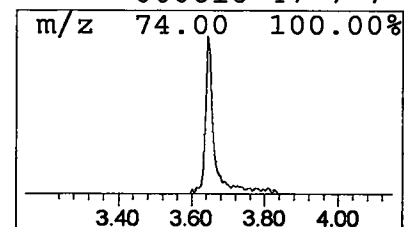
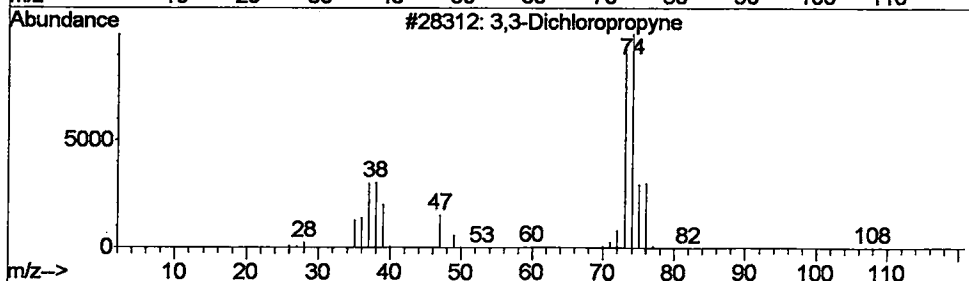
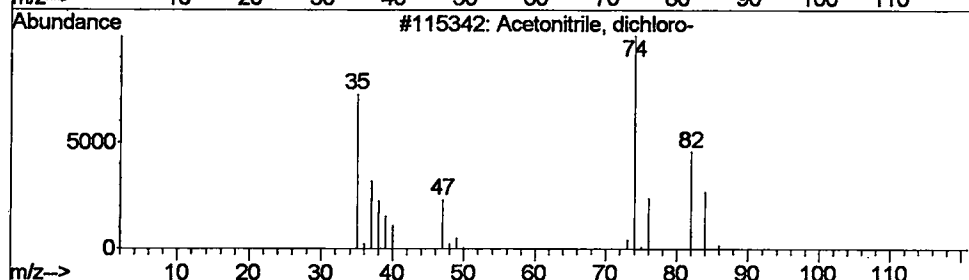
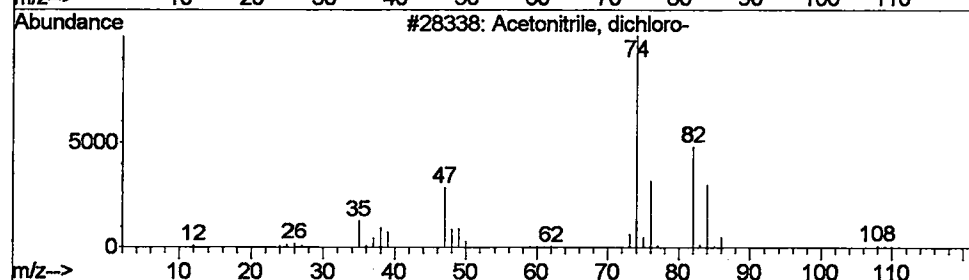
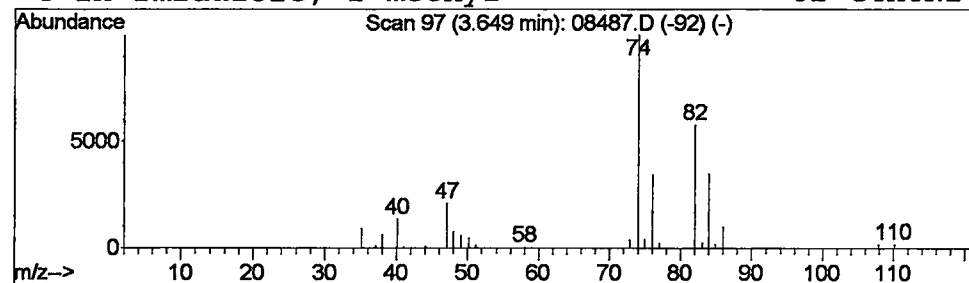
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 Peak Number 2 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.42 ug/l	556426	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83	
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64	
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	9	
4	1H-Imidazole, 1-methyl-	82	C4H6N2	000616-47-7	7	



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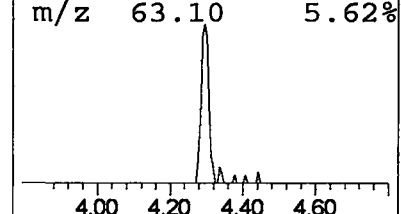
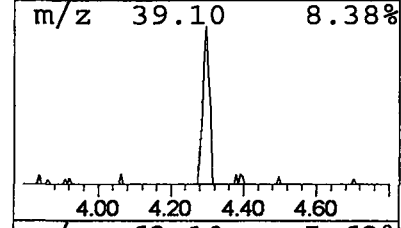
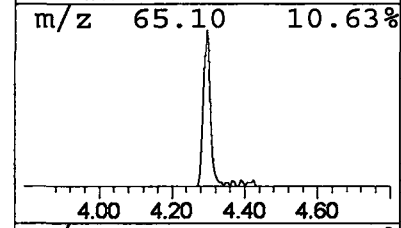
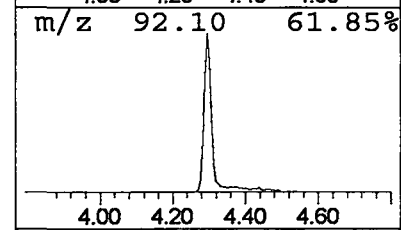
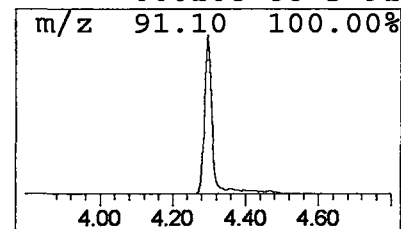
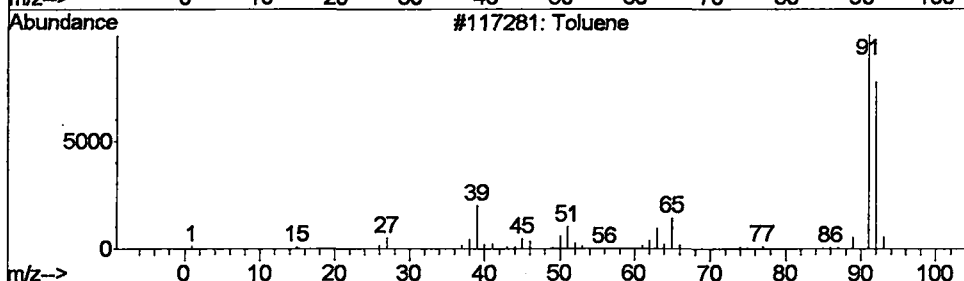
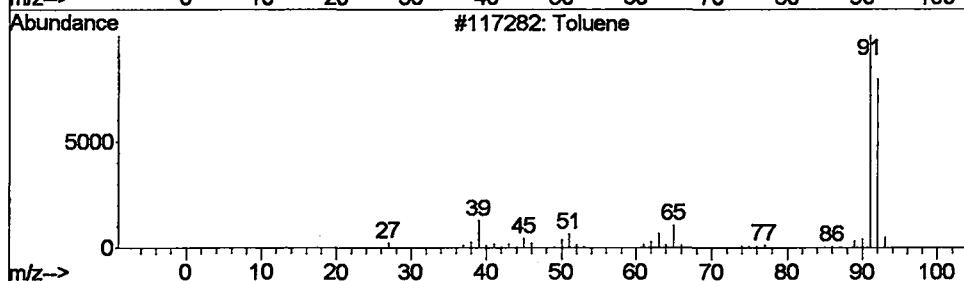
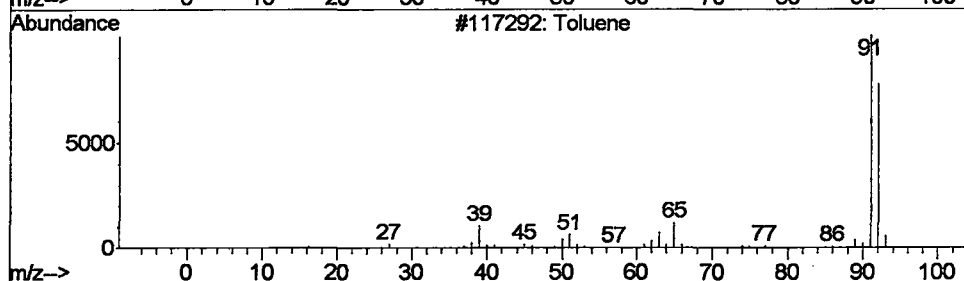
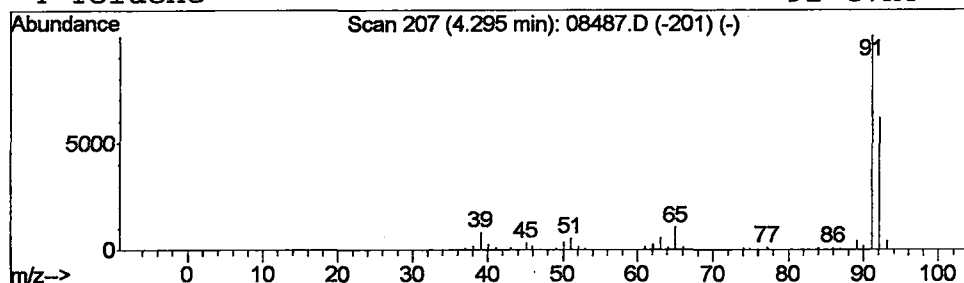
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 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
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 Peak Number 3 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	1.51 ug/l	1992810	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene			92	C7H8	000108-88-3	95
2	Toluene			92	C7H8	000108-88-3	94
3	Toluene			92	C7H8	000108-88-3	91
4	Toluene			92	C7H8	000108-88-3	91



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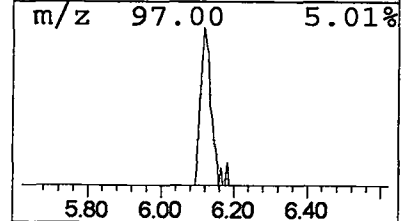
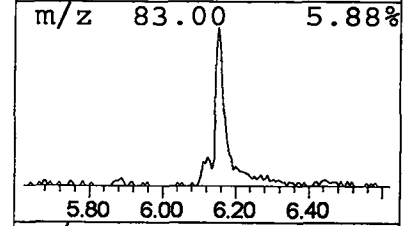
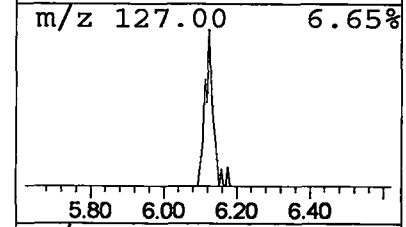
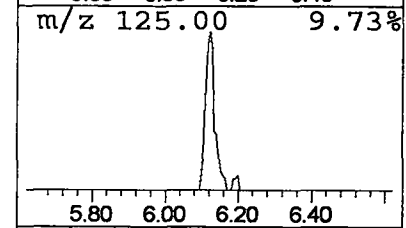
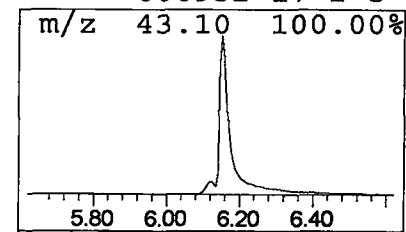
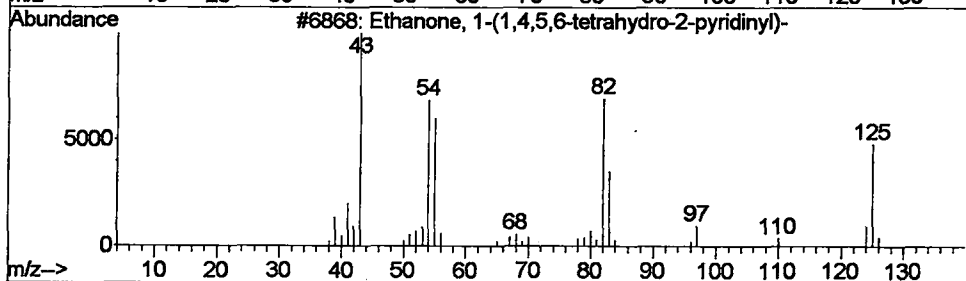
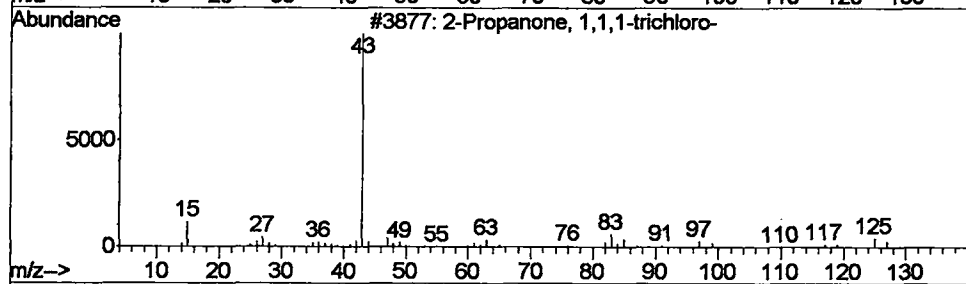
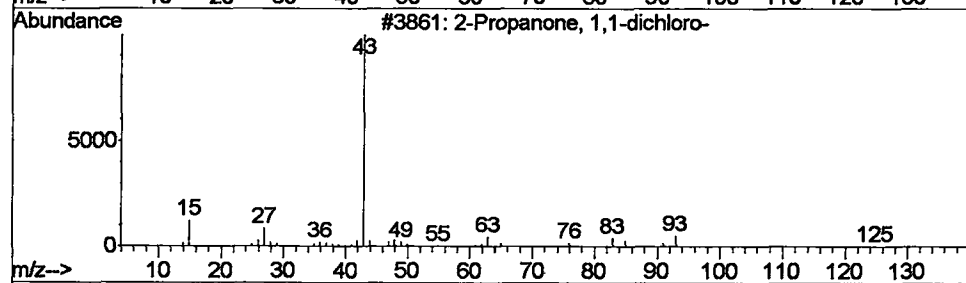
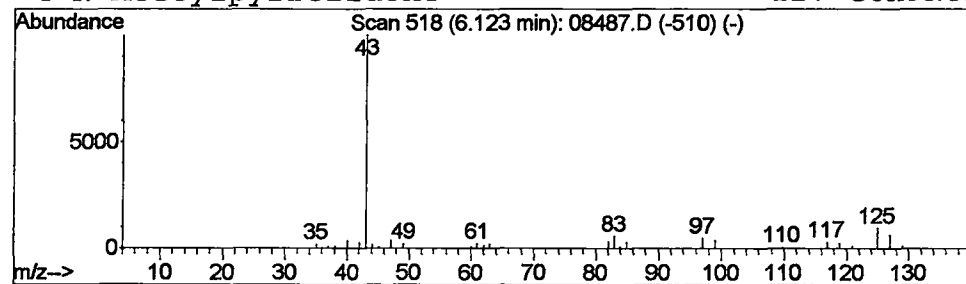
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Operator: Nefliu
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Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 4 2-Propanone, 1,1-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.51 ug/l	666781	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	23
2			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	9
3			Ethanone, 1-(1,4,5,6-tetrahydro-...	125	C7H11NO	1000248-99-2	7
4			N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5



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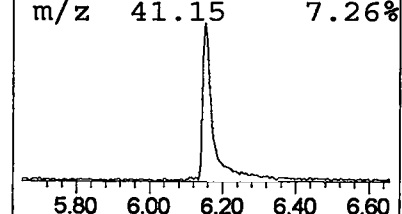
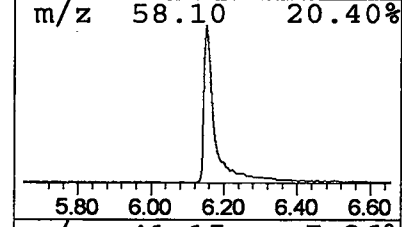
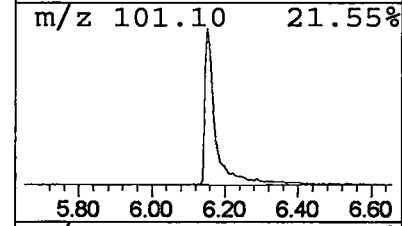
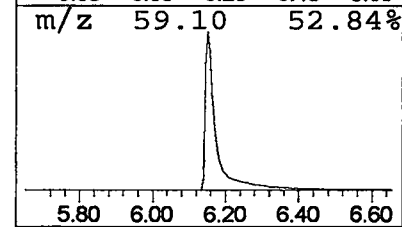
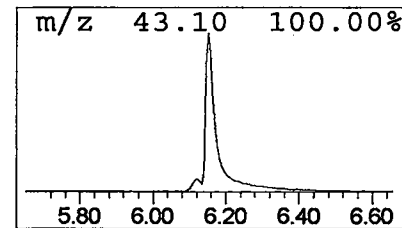
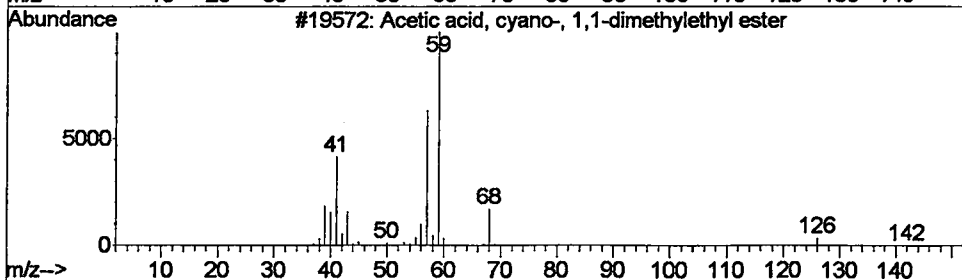
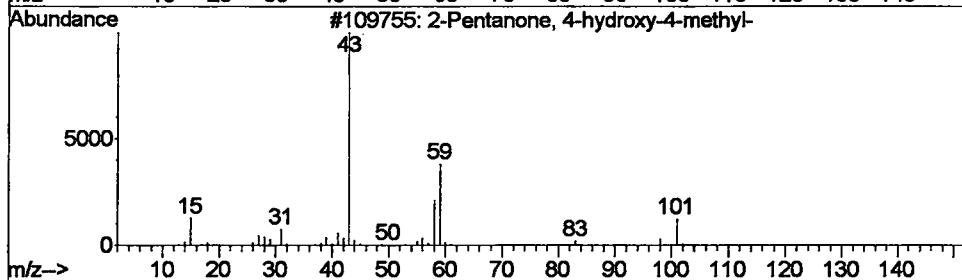
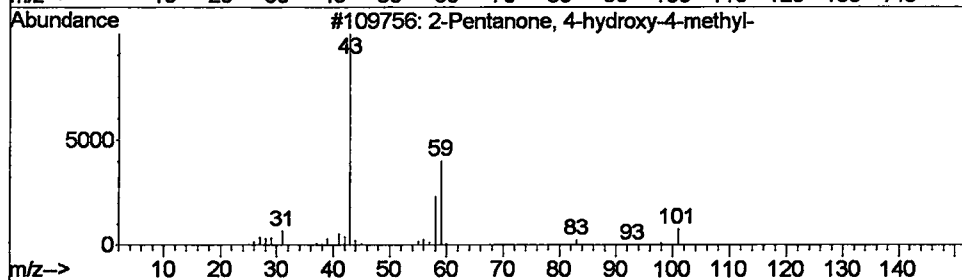
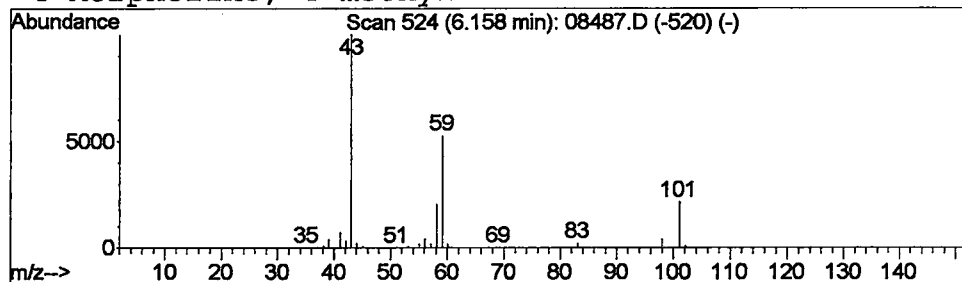
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 Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	11.38 ug/l	14992900	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	59
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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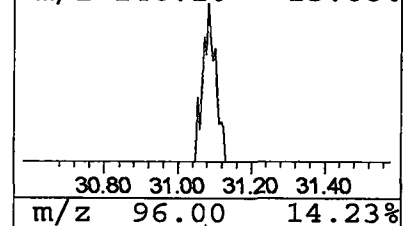
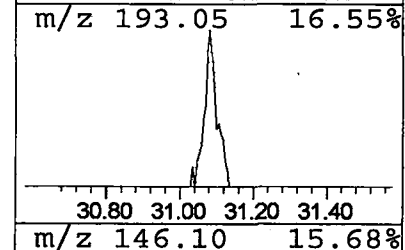
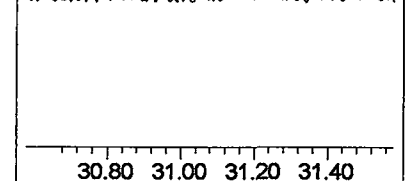
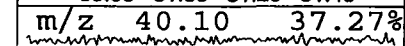
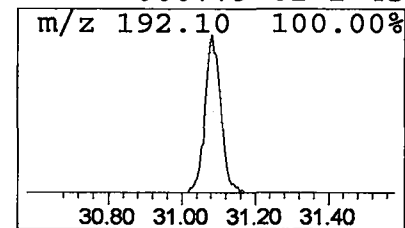
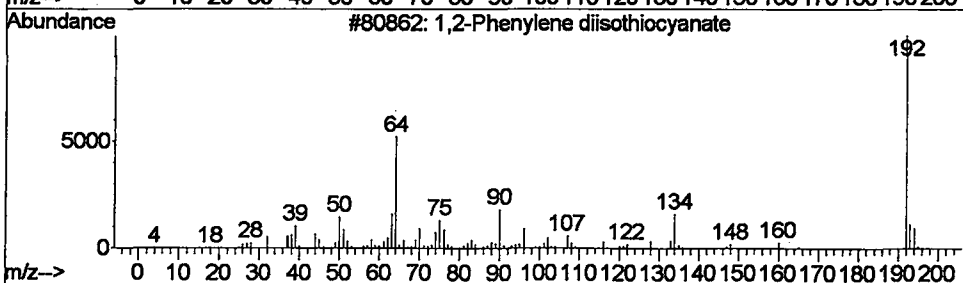
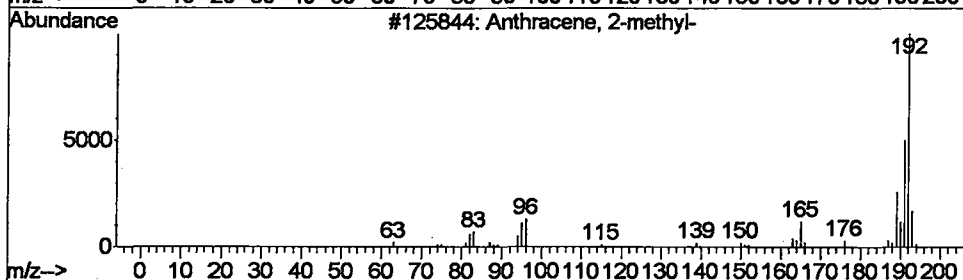
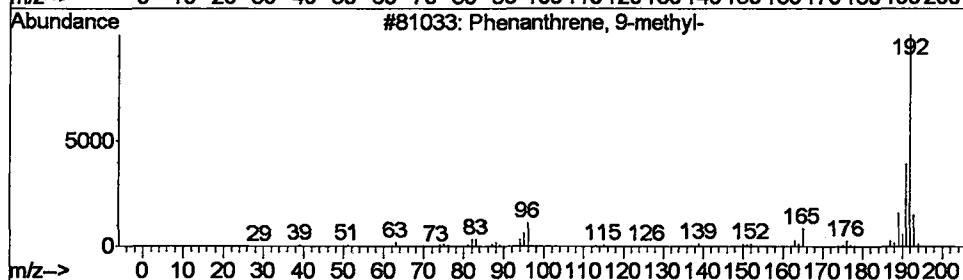
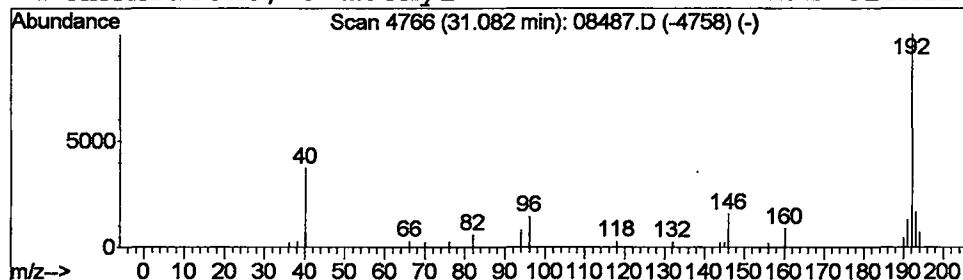
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Peak Number 8 Phenanthrene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.32 ug/l	625406	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	45
3			1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	45
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	45



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 Acq On : 20 Apr 2002 6:46 am
 Sample : sample
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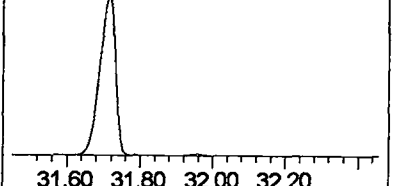
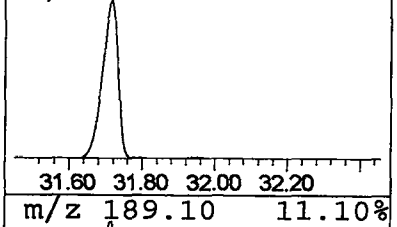
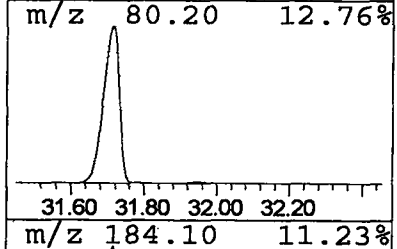
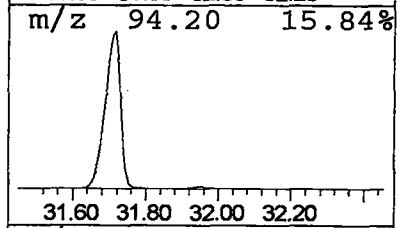
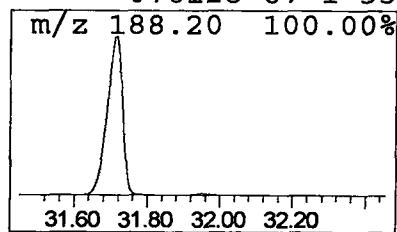
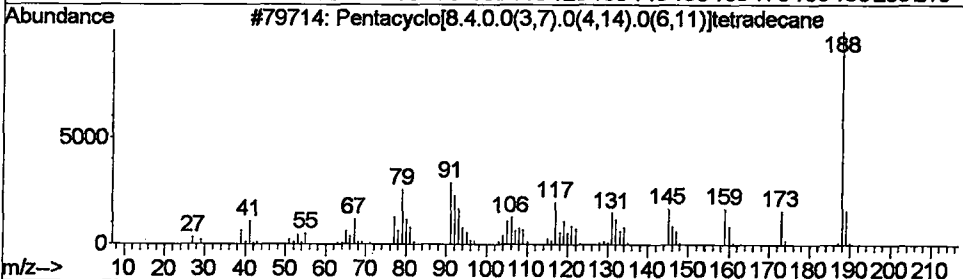
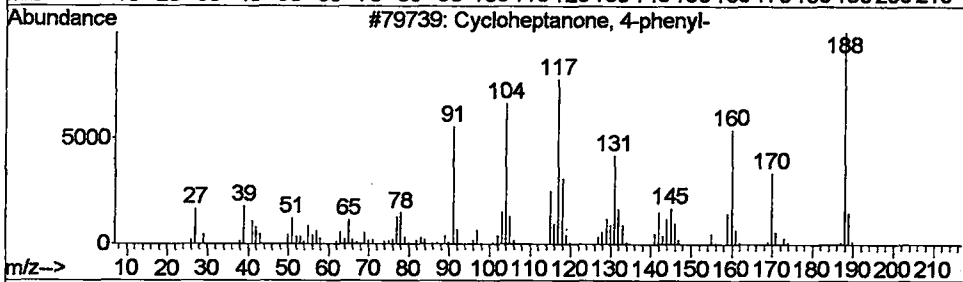
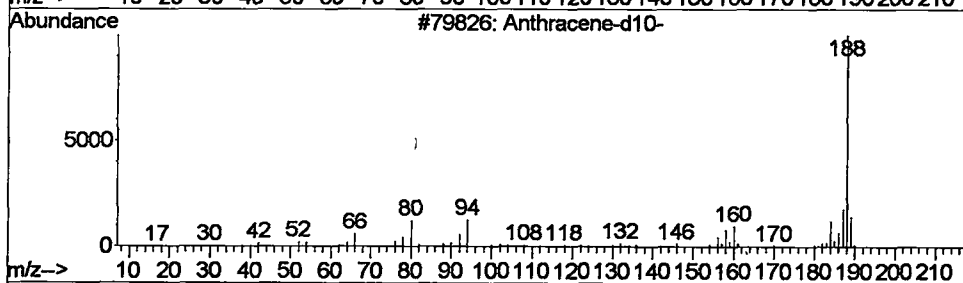
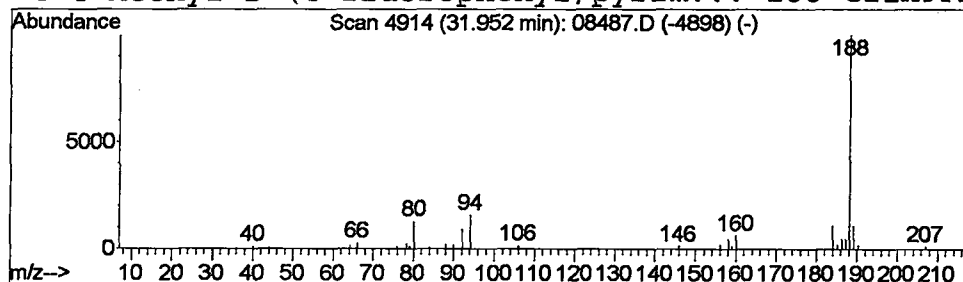
Vial: 24
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 9 Anthracene-d10- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.42 ug/l	817855	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	50
2		Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	47
3		Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	36
4		4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	33



Data File : C:\MSDCHEM\1\DATA\020419\08487.D
 Acq On : 20 Apr 2002 6:46 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

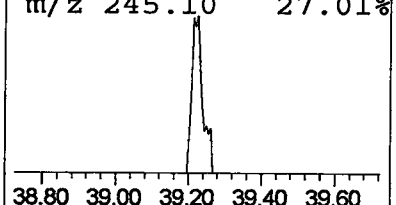
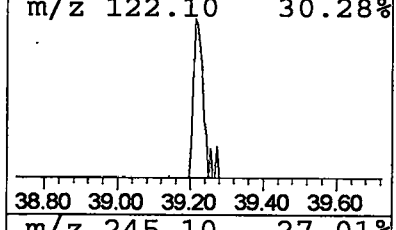
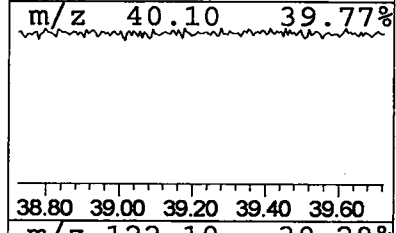
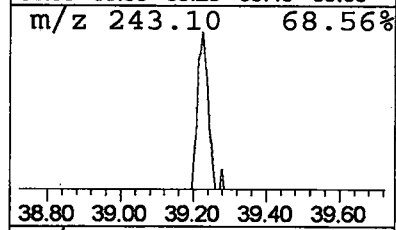
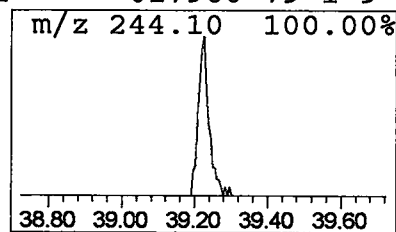
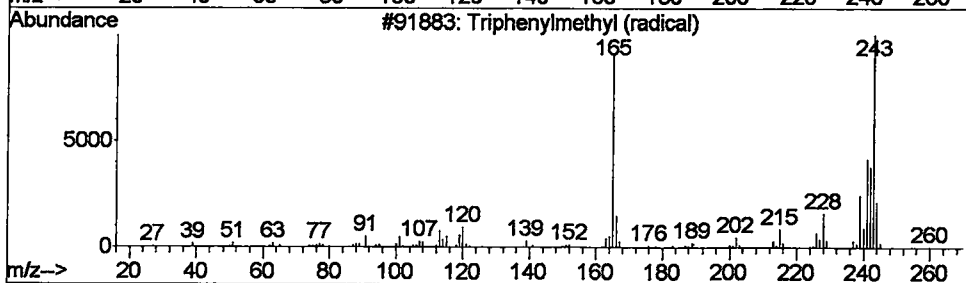
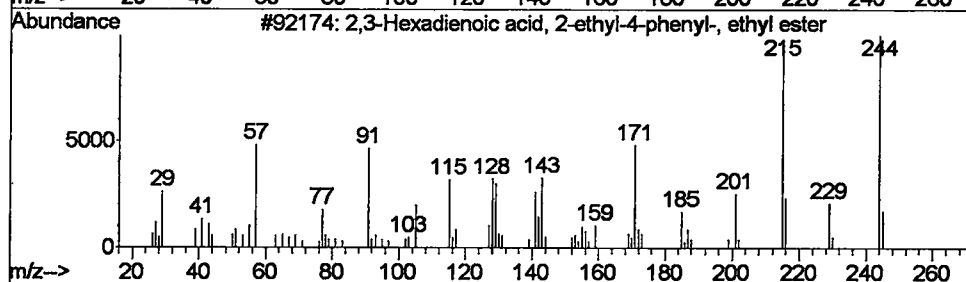
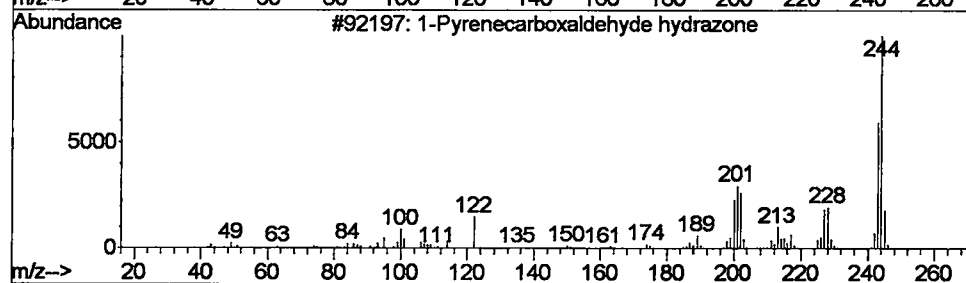
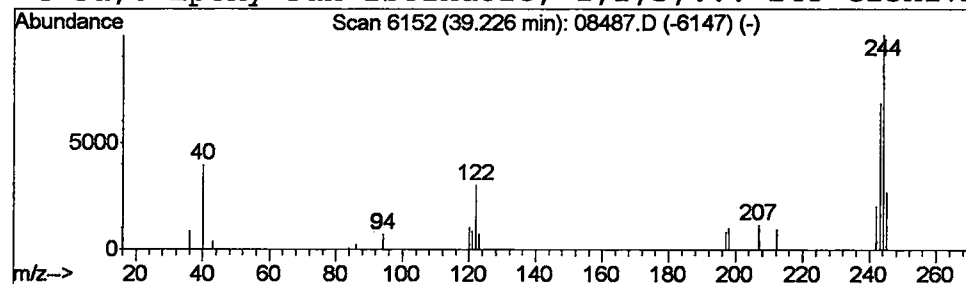
Vial: 24
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.l

 Peak Number 10 1-Pyrenecarboxaldehyde hydr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.23	0.24 ug/l	391415	Chrysene-d12	39.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pyrenecarboxaldehyde hydrazone	244	C17H12N2	076465-53-7	40
2		2,3-Hexadienoic acid, 2-ethyl-4-...	244	C16H20O2	038701-10-9	9
3		Triphenylmethyl (radical)	243	C19H15	1000164-54-1	9
4		3a,6-Epoxy-3aH-isindole, 1,2,3,...	243	C15H17NO2	017960-79-1	9



Operator ID: Nefliu Date Acquired: 20 Apr 2002 6:46 am
 Data File: C:\MSDCHEM\1\DATA\020419\08487.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation 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
Methane, oxybis[d...	3.35	0.4	ug/l	489847	1	11.38	52691000	40.0
Acetonitrile, dic...	3.65	0.4	ug/l	556426	1	11.38	52691000	40.0
Toluene	4.30	1.5	ug/l	1992810	1	11.38	52691000	40.0
2-Propanone, 1,1-...	6.12	0.5	ug/l	666781	1	11.38	52691000	40.0
2-Pentanone, 4-hy...	6.15	11.4	ug/l	14992900	1	11.38	52691000	40.0
1,2-Propadiene	6.33	0.2	ug/l	301949	1	11.38	52691000	40.0
1-Hydroxy-2-butanone	6.36	0.4	ug/l	531206	1	11.38	52691000	40.0
Phenanthrene, 9-m...	31.08	0.3	ug/l	625406	4	31.72	78444000	40.0
Anthracene-d10	31.95	0.4	ug/l	817855	4	31.72	78444000	40.0
1-Pyrenecarboxald...	39.23	0.2	ug/l	391415	5	39.93	63994500	40.0
Cyclopropanecarbo...	39.36	0.2	ug/l	384548	5	39.93	63994500	40.0
1-Propyne	41.70	0.3	ug/l	356681	6	43.15	55334200	40.0
2-Butyne-1,4-diol	42.11	0.2	ug/l	321406	6	43.15	55334200	40.0
Pyrazine, methoxy...	43.51	0.3	ug/l	401061	6	43.15	55334200	40.0
2-Methyl-2-aminop...	44.56	0.3	ug/l	410685	6	43.15	55334200	40.0
3,3-Dimethyl-4-ph...	44.75	0.2	ug/l	297236	6	43.15	55334200	40.0
Phenylethanolamine	45.12	0.8	ug/l	1105780	6	43.15	55334200	40.0
3,3-Dimethyl-4-ph...	45.39	0.2	ug/l	328996	6	43.15	55334200	40.0
2-Methyl-1,5-(4H)...	45.49	0.3	ug/l	477247	6	43.15	55334200	40.0
Adenosine, 2-methyl-	45.77	0.3	ug/l	392061	6	43.15	55334200	40.0