

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/07/2002 Time: 11:13:42

Sample: AE08963
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/7/02 11:13 Ended: 5/7/02 11:13 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

Comments for Sample AE08963 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 11:13:55

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Data File : C:\MSDCHEM\1\DATA\020424\08963.D

Acq On : 24 Apr 2002 10:39 pm

Sample : sample

Misc :

MS Integration Params: events.e

Quant Time: Apr 26 09:57:34 2002

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Results File: SCAN020424.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

Last Update : Wed Apr 24 08:54:34 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	9723438	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	37563822	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	20846978	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	30810318	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	23671649	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	15584558	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX	27.54	207	1026497	8.75	ug/l	-0.03
Spiked Amount	10.000		Recovery	=	87.50%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.53	149	44353	0.10	ug/l	Qvalue 87
--------------------------------	-------	-----	-------	------	------	-----------

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 08963.D SCAN020424.M Fri Apr 26 10:01:04 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\08963.D

Vial: 14

Acq On : 24 Apr 2002 10:39 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: events.e

Quant Time: Apr 26 10:00 2002

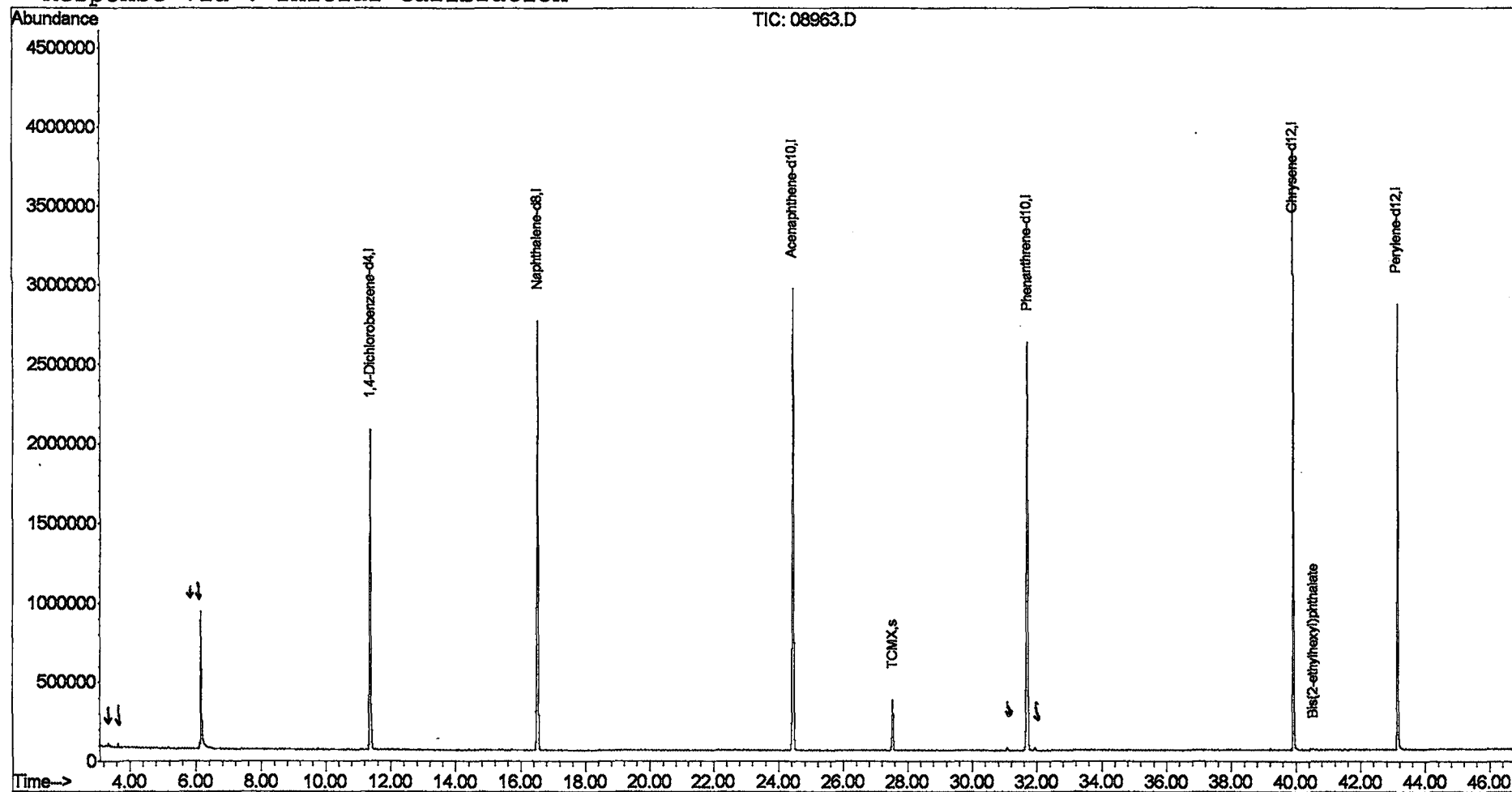
Quant Results File: SCAN020424.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

Last Update : Wed Apr 24 08:54:34 2002

Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020424\08963.D
 Acq On : 24 Apr 2002 10:39 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

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

Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 5 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

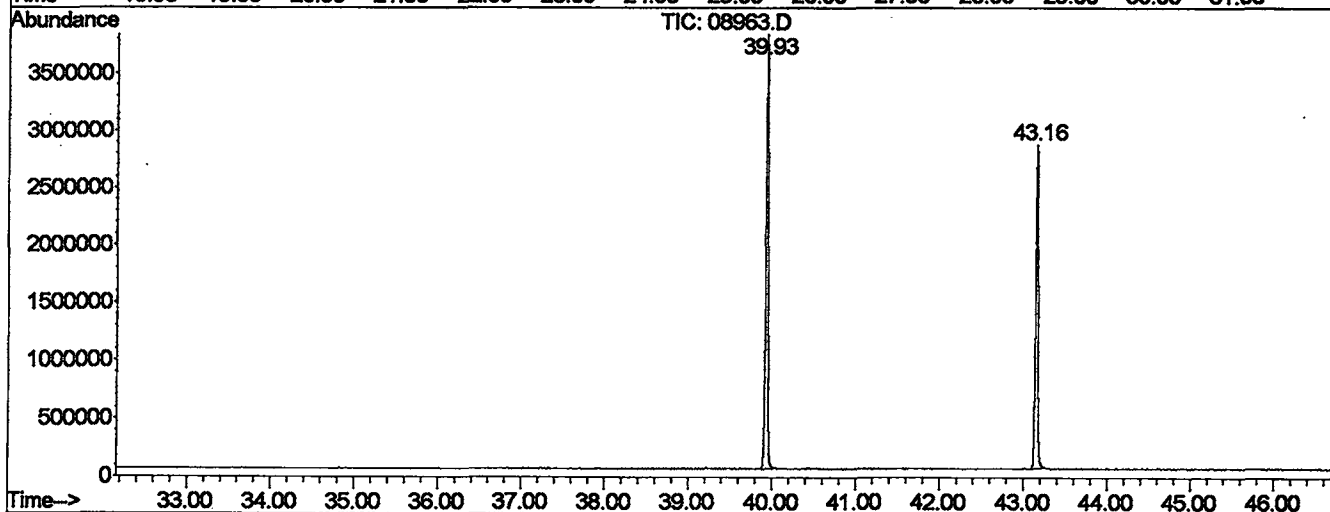
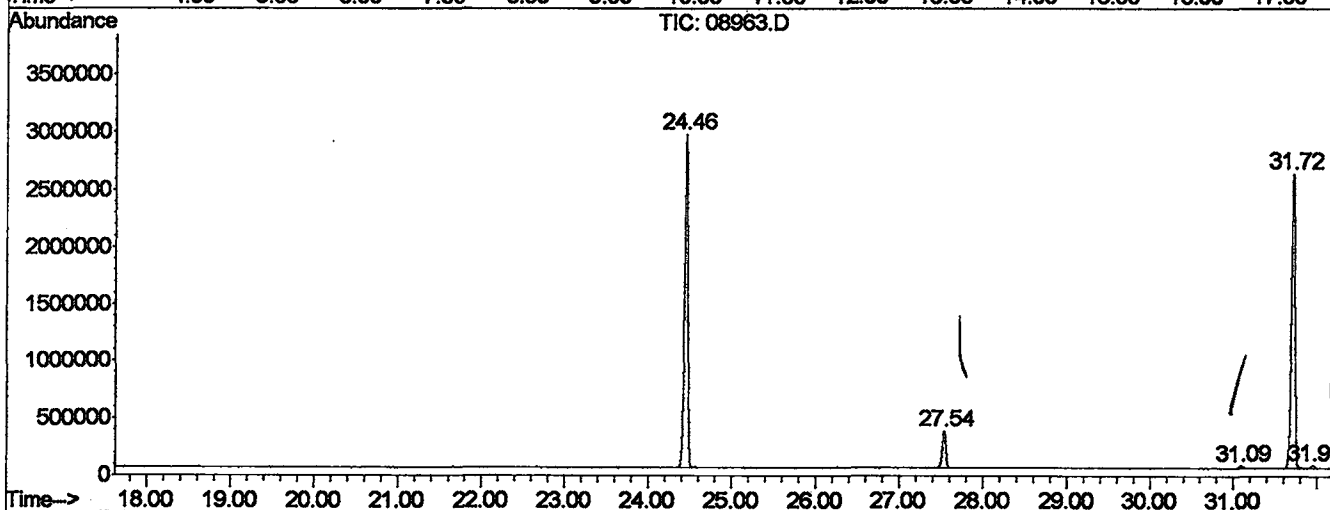
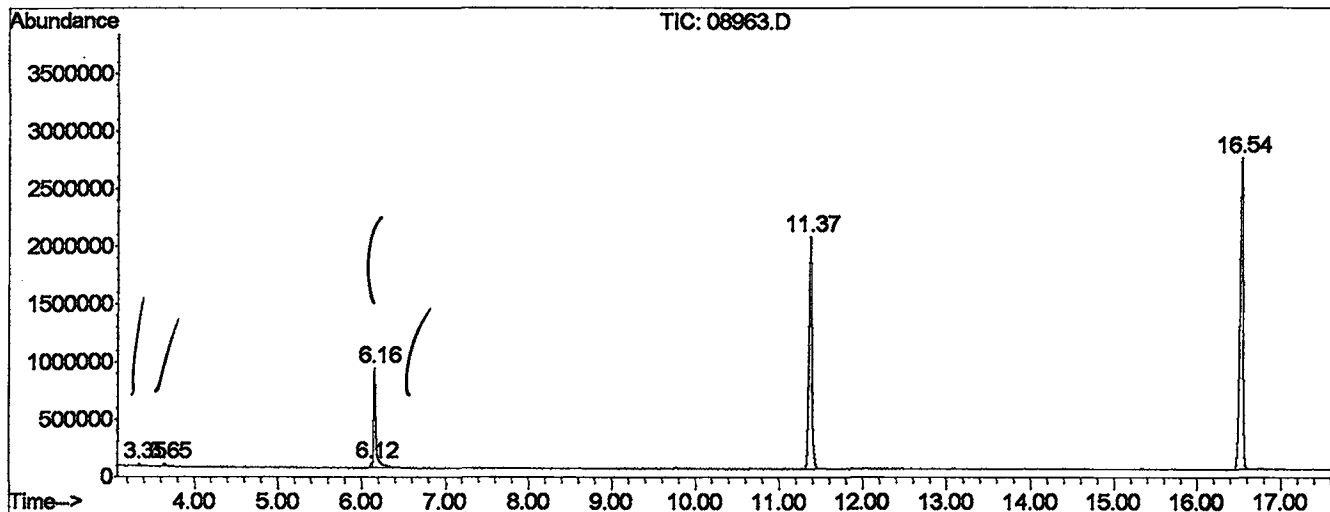
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.349	41	46	52	PV	5 19456	280048	0.35%	0.066%
2	3.649	92	97	103	PV	2 24431	312553	0.40%	0.073%
3	6.123	512	518	520	PV	40988	508328	0.64%	0.119%
4	6.158	520	524	562	VV	838815	16790519	21.28%	3.930%
5	11.376	1401	1412	1433	PV	2025892	50135232	63.54%	11.736%
6	16.534	2275	2290	2307	PV	2686543	69555971	88.15%	16.282%
7	24.460	3622	3639	3653	PV	2881951	78902582	100.00%	18.470%
8	27.539	4149	4163	4179	PV	3 320467	8899994	11.28%	2.083%
9	31.094	4759	4768	4781	PV	4 18219	604426	0.77%	0.141%
10	31.717	4855	4874	4888	VV	2 2573883	77453747	98.16%	18.131%
11	31.952	4901	4914	4926	VV	3 22872	724832	0.92%	0.170%
12	39.931	6261	6272	6289	PV	2 3708560	69360966	87.91%	16.237%
13	43.157	6800	6821	6837	PV	2 2824948	53659220	68.01%	12.561%

Sum of corrected areas: 427188420

File : C:\MSDCHEM\1\DATA\020424\08963.D
Operator : Nefliu
Acquired : 24 Apr 2002 10:39 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 14
Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\08963.D
 Acq On : 24 Apr 2002 10:39 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

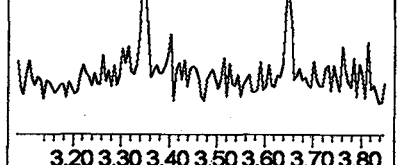
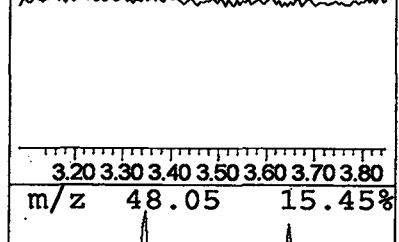
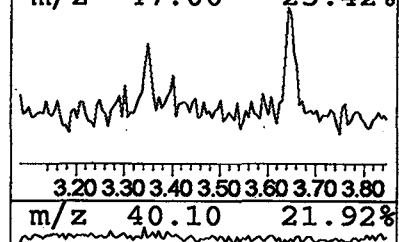
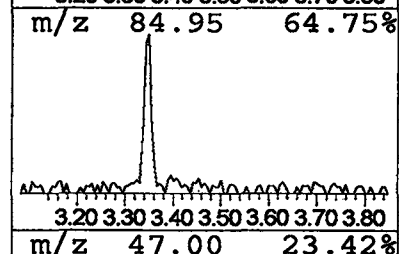
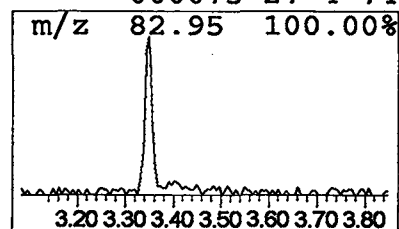
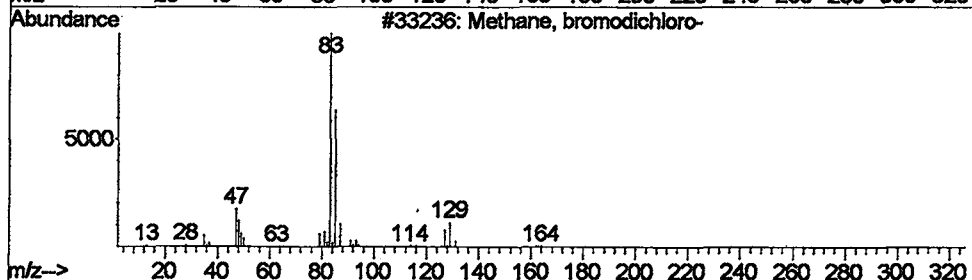
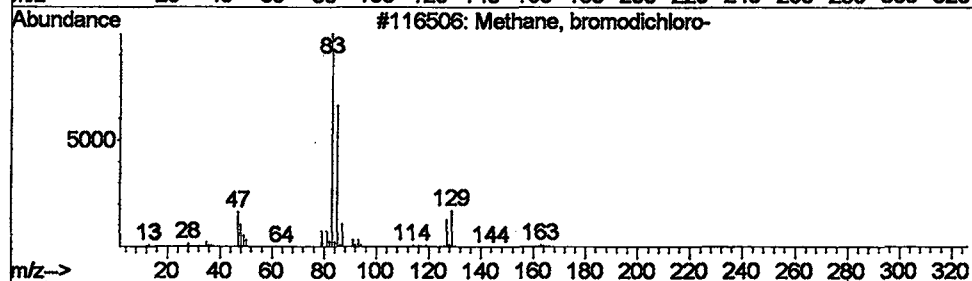
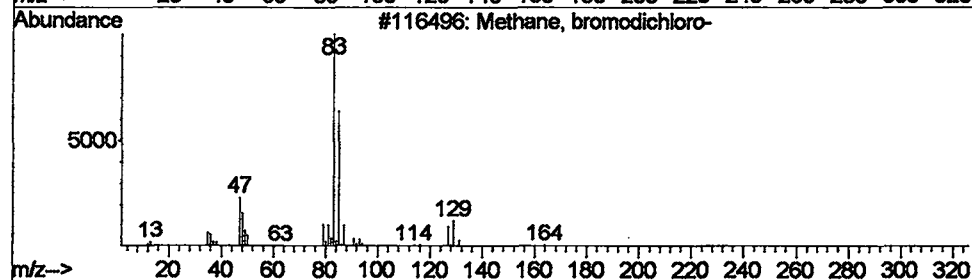
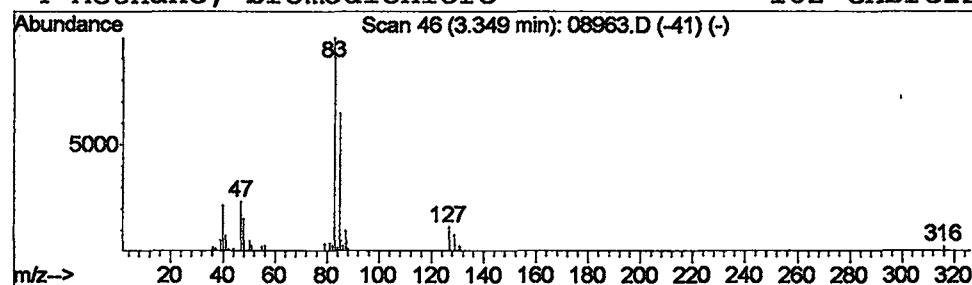
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 1 Methane, bromodichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	0.22 ug/l	280048	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
2			Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
3			Methane, bromodichloro-	162	CHBrCl2	000075-27-4	78
4			Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74



Data File : C:\MSDCHEM\1\DATA\020424\08963.D
Acq On : 24 Apr 2002 10:39 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

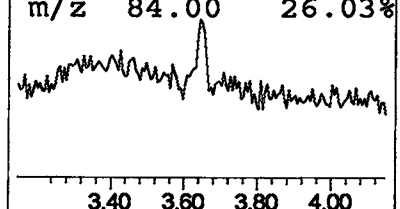
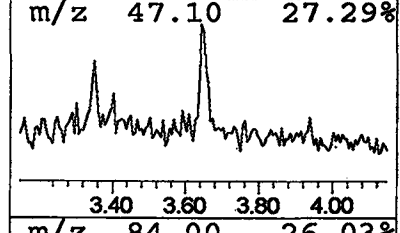
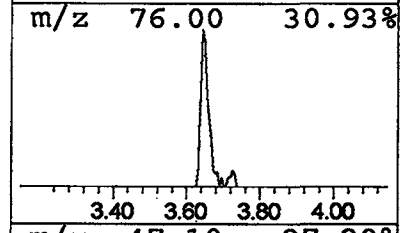
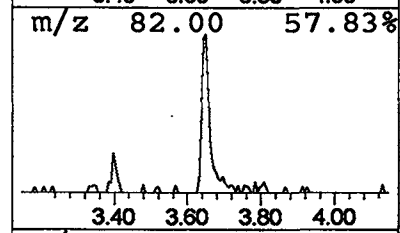
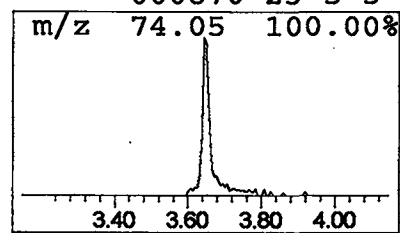
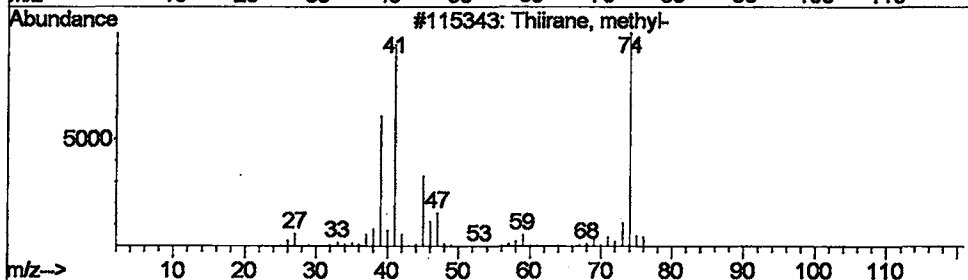
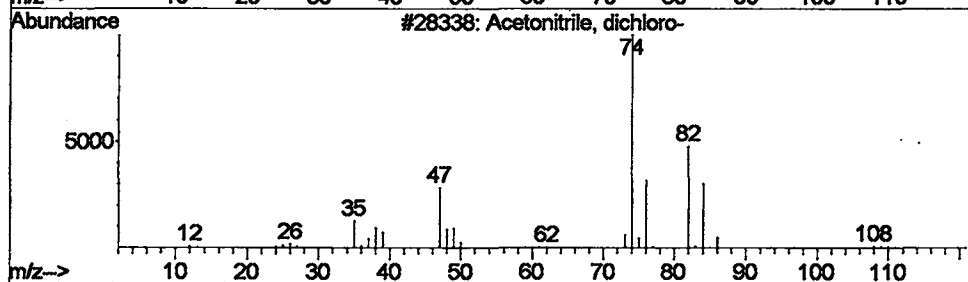
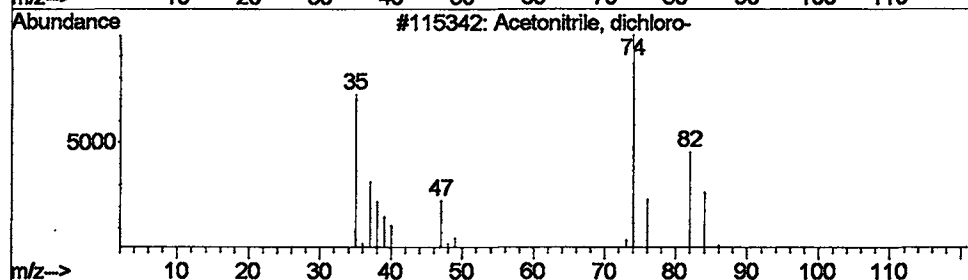
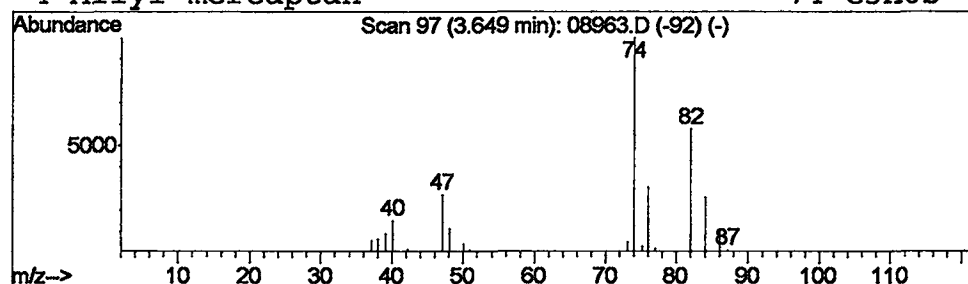
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.25 ug/l	312553	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	72
3			Thiirane, methyl-	74	C3H6S	001072-43-1	5
4			Allyl mercaptan	74	C3H6S	000870-23-5	5



Data File : C:\MSDCHEM\1\DATA\020424\08963.D
Acq On : 24 Apr 2002 10:39 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

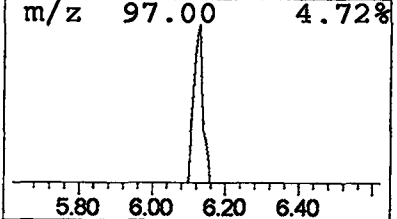
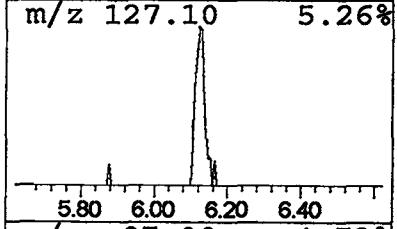
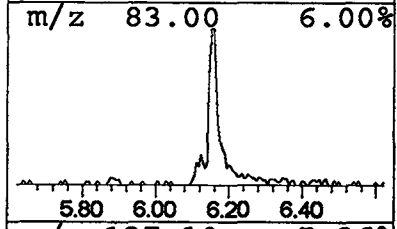
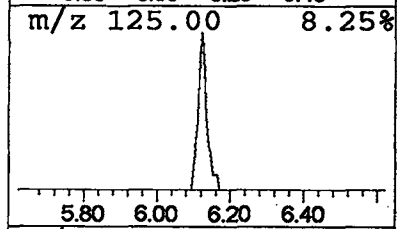
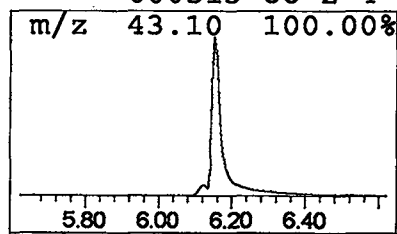
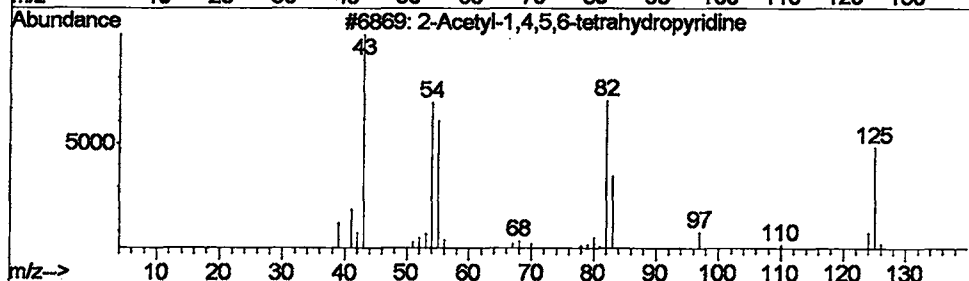
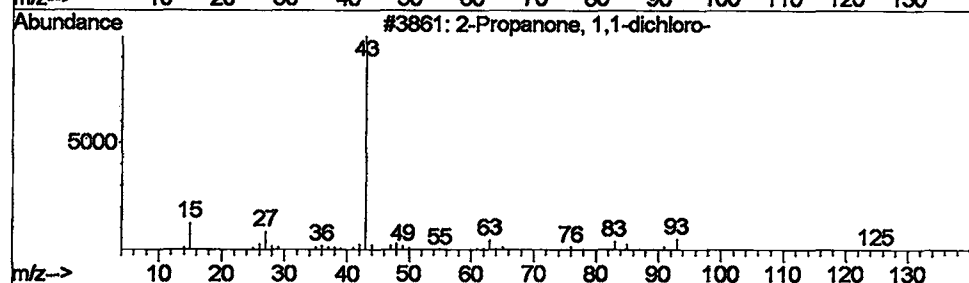
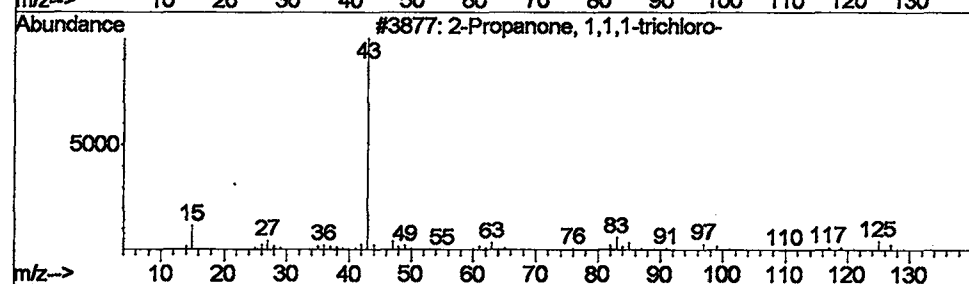
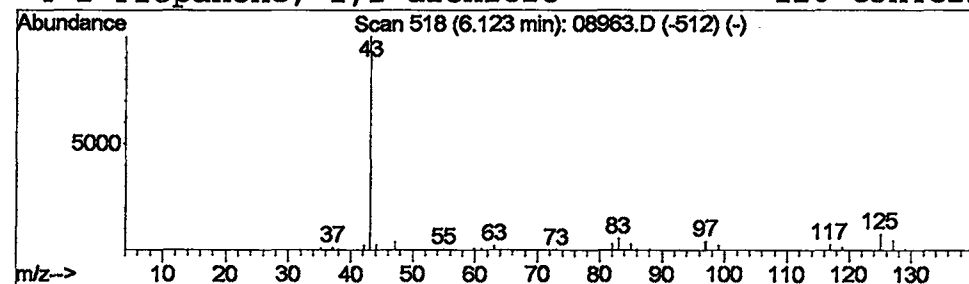
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 3 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.41 ug/l	508328	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	56
2			2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	23
3			2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	025343-57-1	4
4			2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	4



Data File : C:\MSDCHEM\1\DATA\020424\08963.D
Acq On : 24 Apr 2002 10:39 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

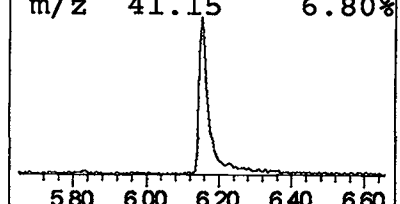
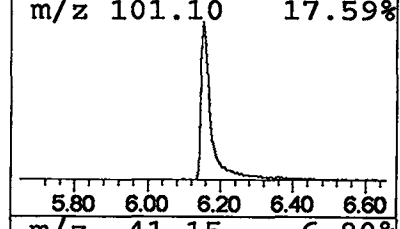
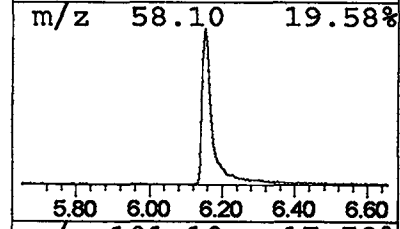
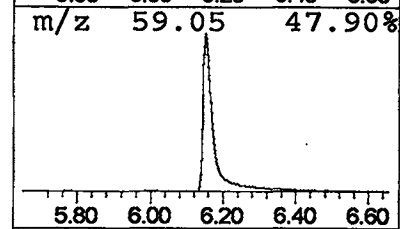
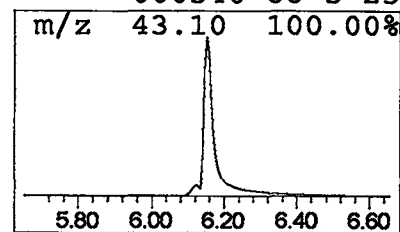
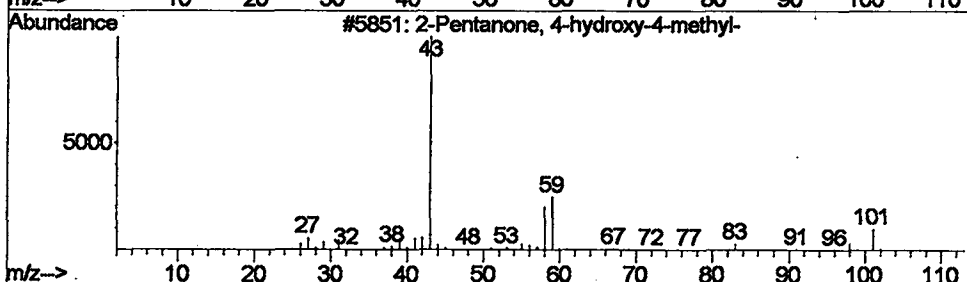
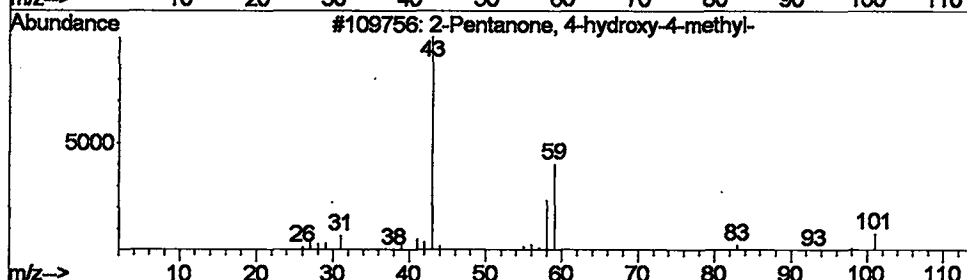
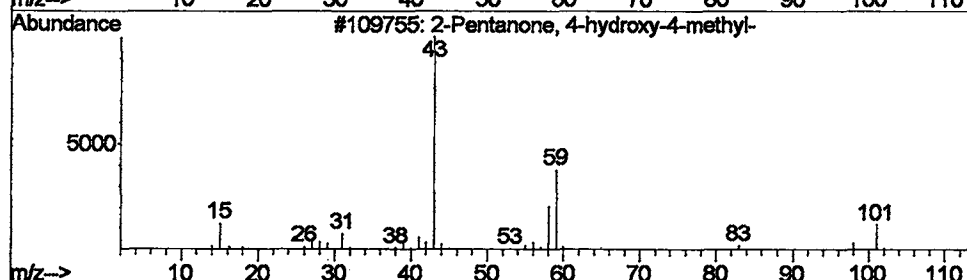
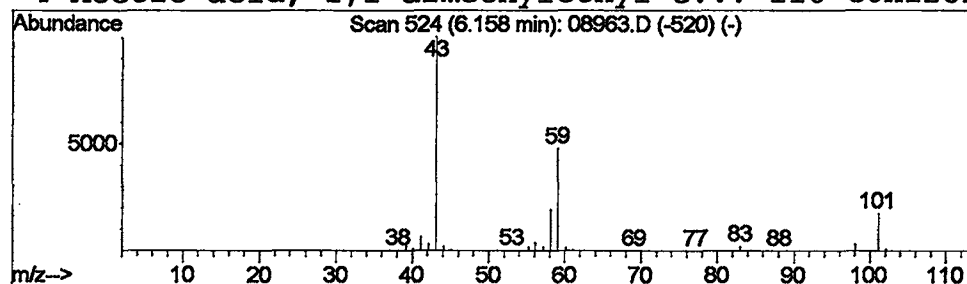
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation 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	13.40 ug/l	16790500	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	83
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	38
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23



Data File : C:\MSDCHEM\1\DATA\020424\08963.D
Acq On : 24 Apr 2002 10:39 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

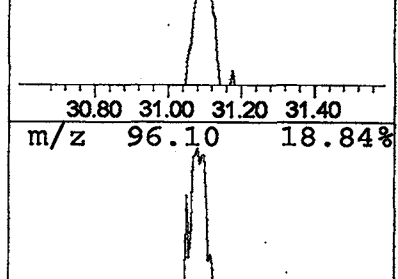
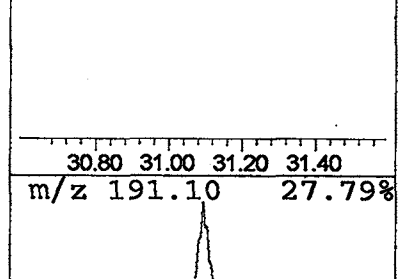
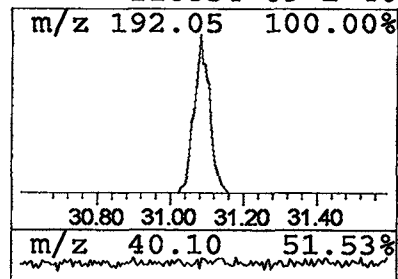
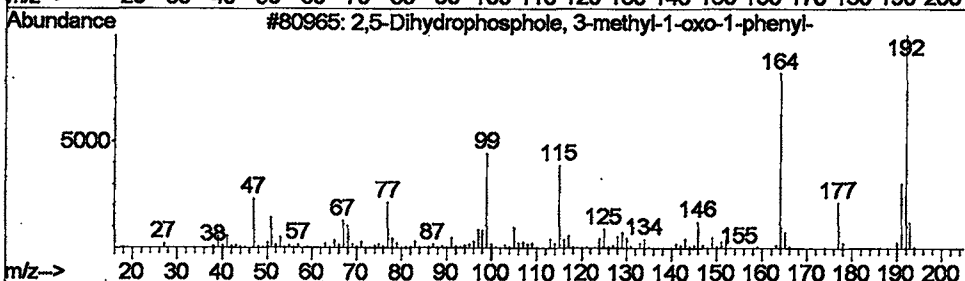
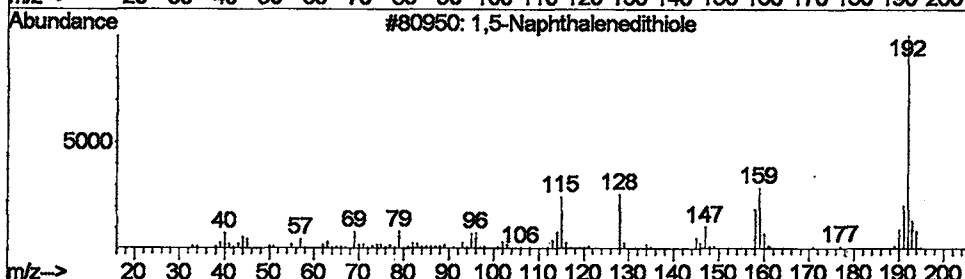
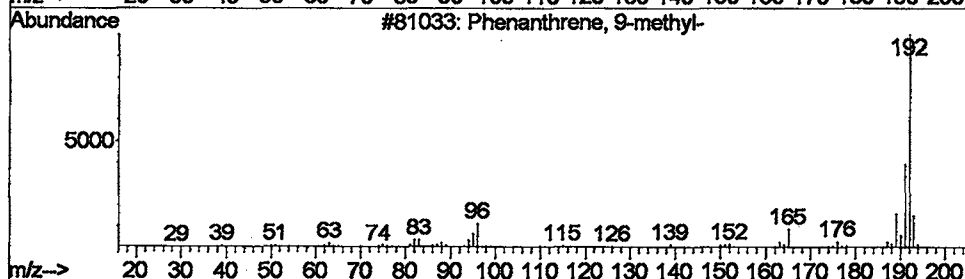
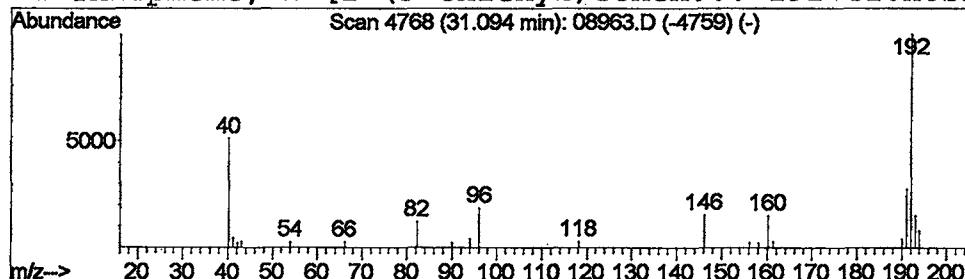
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 5 Phenanthrene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.31 ug/l	604426	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	64
2			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	59
3			2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	59
4			Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	40



Data File : C:\MSDCHEM\1\DATA\020424\08963.D
Acq On : 24 Apr 2002 10:39 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

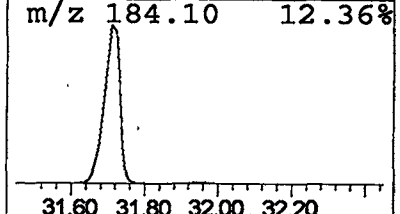
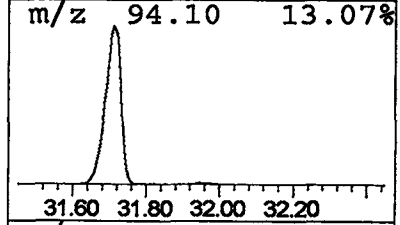
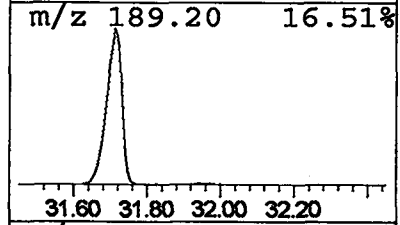
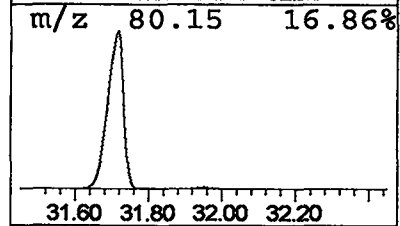
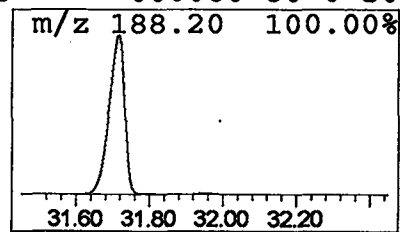
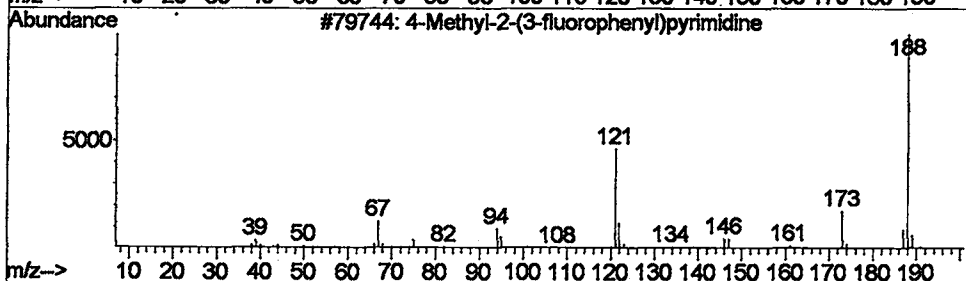
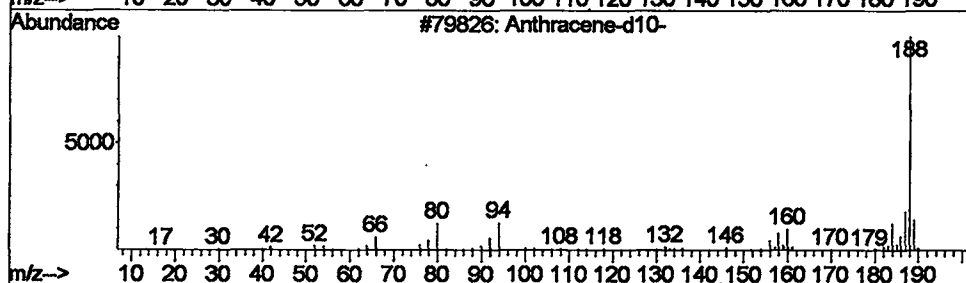
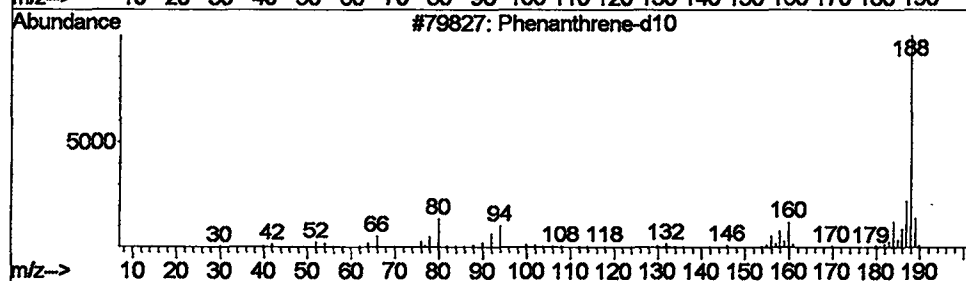
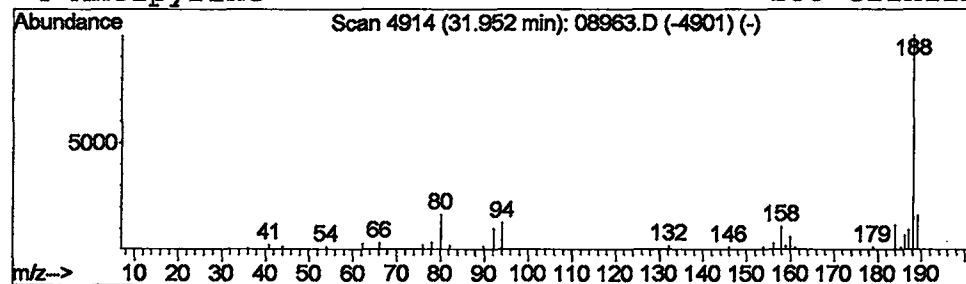
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

Peak Number 6 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.37 ug/l	724832	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene-d10	188	C14D10	001517-22-2	78
2			Anthracene-d10-	188	C14D10	001719-06-8	50
3			4-Methyl-2-(3-fluorophenyl)pyrim...	188	C11H9FN2	076128-66-0	50
4			Antipyrine	188	C11H12N2O	000060-80-0	50



Operator ID: Nefliu Date Acquired: 24 Apr 2002 10:39 pm
Data File: C:\MSDCHEM\1\DATA\020424\08963.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard---			
					#	RT	Resp	Conc
✓ Methane, bromodic...	3.35	0.2	ug/l	280048	1	11.38	50135200	40.0
✓ Acetonitrile, dic...	3.65	0.2	ug/l	312553	1	11.38	50135200	40.0
✓ 2-Propanone, 1,1,...	6.12	0.4	ug/l	508328	1	11.38	50135200	40.0
✓ 2-Pentanone, 4-hy...	6.16	13.4	ug/l	16790500	1	11.38	50135200	40.0
✓ Phenanthrene, 9-m...	31.09	0.3	ug/l	604426	4	31.72	77453700	40.0
✓ Phenanthrene-d10	31.95	0.4	ug/l	724832	4	31.72	77453700	40.0