

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 10:23:31

Sample: AE08484
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 10:22 Ended: 5/7/02 10:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		10.0

Comments for Sample AE08484 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 10:23:54

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\020419\08484.D
 Acq On : 20 Apr 2002 3:49 am
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 26 15:15:22 2002

Vial: 21
 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	11756322	40.00	ug/l	-0.05
10) Naphthalene-d8	16.53	136	45164665	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	24837976	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	37419269	40.00	ug/l	-0.06
38) Chrysene-d12	39.94	240	29125821	40.00	ug/l	-0.07
44) Perylene-d12	43.16	264	21454469	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.54	207	1145820	7.43	ug/l	-0.07
Spiked Amount	10.000		Recovery	=	74.30%	

Target Compounds

						Qvalue
35) Di-n-butylphthalate	34.81	149	100395	0.08	ug/l	96
43) Bis(2-ethylhexyl)phthalate	40.53	149	57371	0.08	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 08484.D SCAN020418.M Fri Apr 26 15:16:27 2002 Page 1

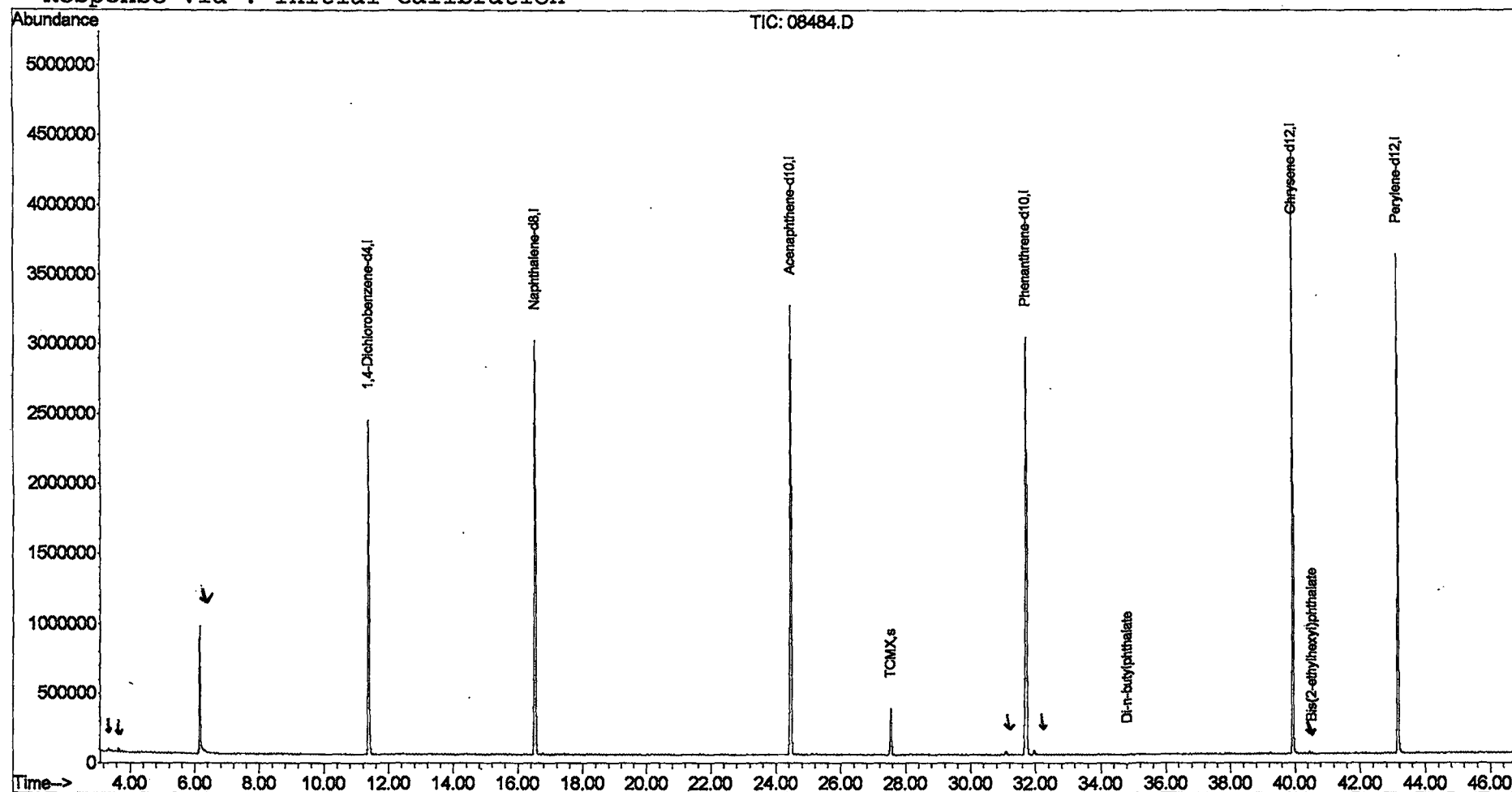
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 MS Integration Params: EVENTS.E
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Quant Results File: SCAN020418.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
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 Response via : Initial Calibration



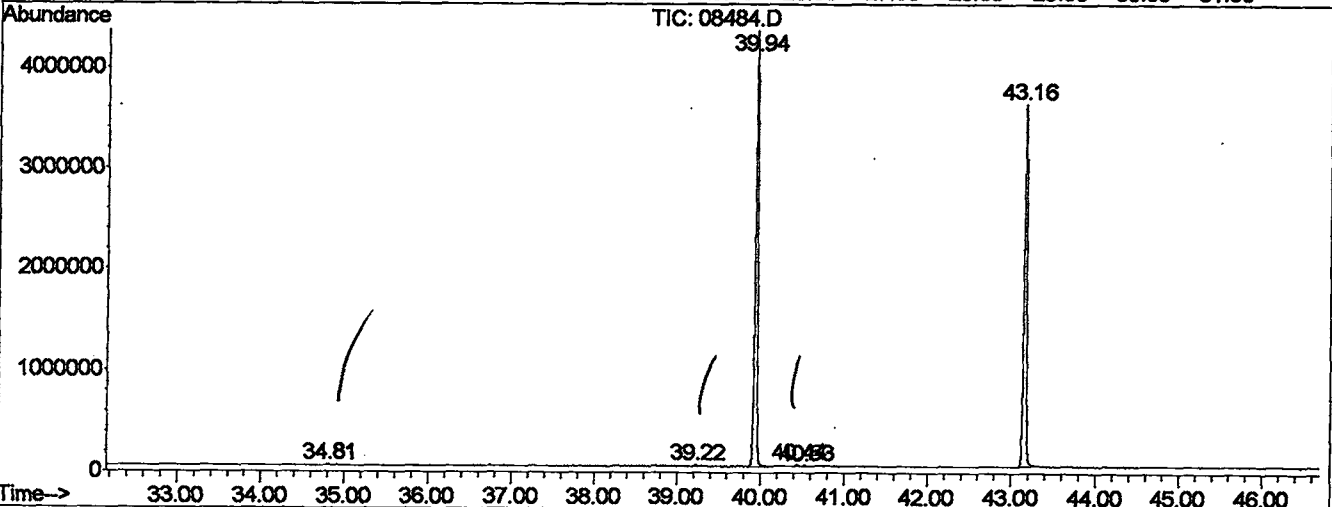
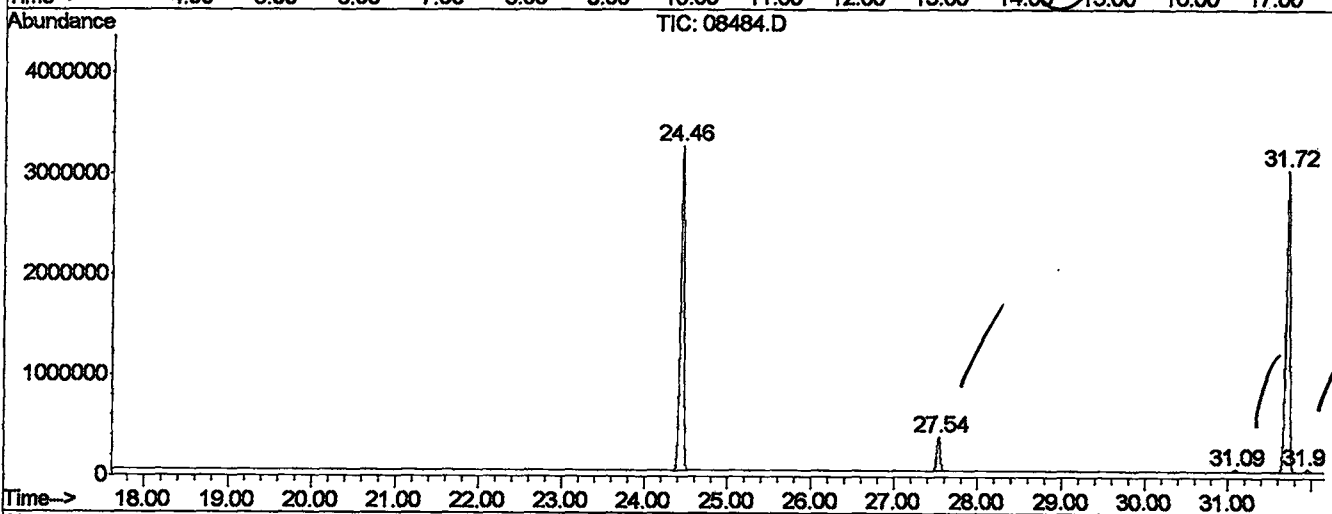
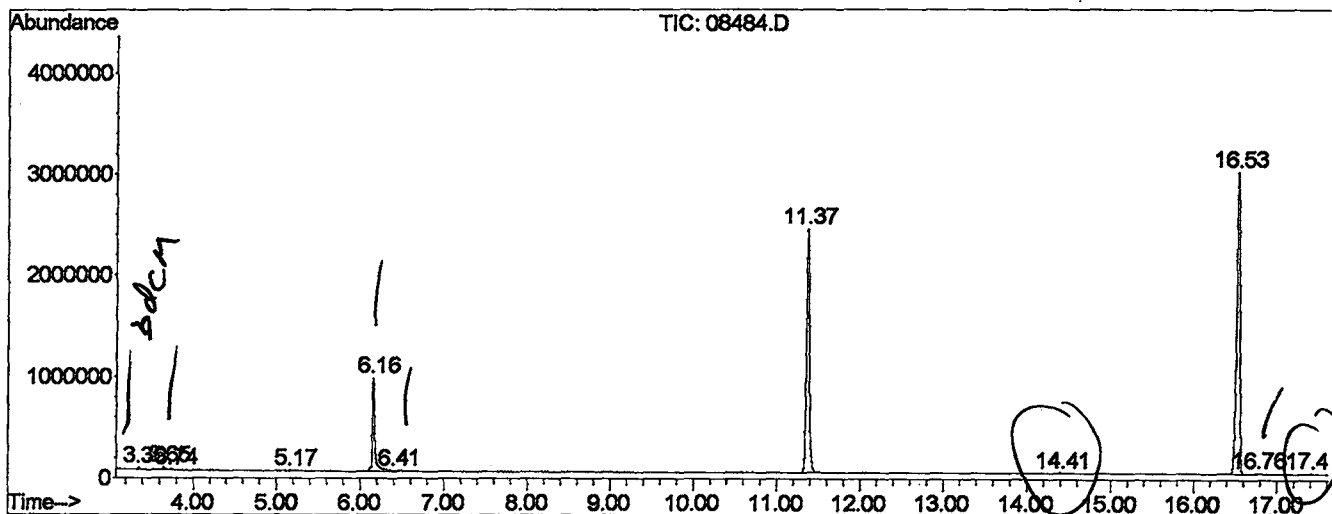
08484.D SCAN020418.M

Fri Apr 26 15:16:28 2002

Page 2

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08484.D
 Operator : Nefliu
 Acquired : 20 Apr 2002 3:49 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 21
 Quant File :SCAN020418.RES (Chemstation Integrator)



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020419\08484.D

Acq On : 20 Apr 2002 3:49 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 21

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0.01

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	3.355	36	47	53	VV	2 19705	341975	0.37%	0.066%
2	3.655	94	98	106	VV	2 26173	384407	0.41%	0.074%
3	3.743	106	113	116	PV	2 5645	92502	0.10%	0.018%
4	5.171	352	356	362	PV	6 7593	146196	0.16%	0.028%
5	6.158	510	524	565	PV	922300	18727825	20.00%	3.591%
6	6.410	565	567	579	VV	6 5505	137524	0.15%	0.026%
7	11.375	1399	1412	1430	PV	2396358	59345378	63.39%	11.380%
8	14.407	1916	1928	1935	PV	4 6673	171137	0.18%	0.033%
9	16.534	2270	2290	2310	PV	2979466	82247270	87.85%	15.771%
10	16.757	2323	2328	2338	VV	2 11625	269881	0.29%	0.052%
11	17.409	2433	2439	2449	PV	4 7123	152023	0.16%	0.029%
12	24.460	3620	3639	3657	PV	3198461	93619202	100.00%	17.952%
13	27.539	4143	4163	4173	PV	3 332150	9568087	10.22%	1.835%
14	31.088	4751	4767	4778	VV	2 23213	767990	0.82%	0.147%
15	31.722	4855	4875	4892	VV	2 2989441	93328443	99.69%	17.896%
16	31.957	4902	4915	4931	VV	2 29272	930552	0.99%	0.178%
17	34.807	5383	5400	5406	PV	2 7085	214286	0.23%	0.041%
18	39.225	6147	6152	6156	VV	3 13412	261880	0.28%	0.050%
19	39.936	6259	6273	6299	PV	2 4206305	85488375	91.32%	16.393%
20	40.436	6351	6358	6366	VV	3 18284	434653	0.46%	0.083%
21	40.530	6366	6374	6382	VV	2 7128	219555	0.23%	0.042%
22	43.162	6808	6822	6849	PV	2 3539110	74656033	79.74%	14.315%

Sum of corrected areas: 521505172

Library Search Compound Report

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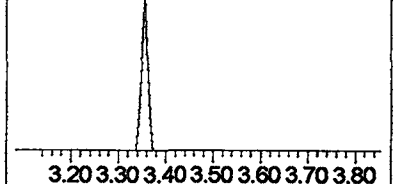
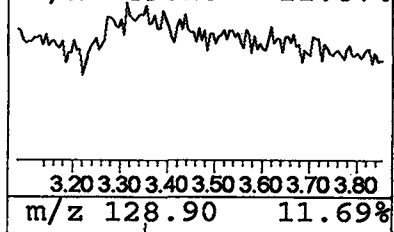
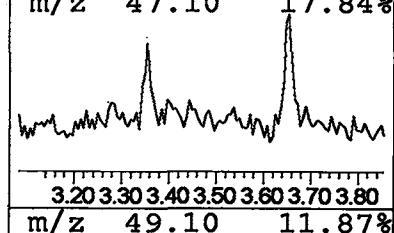
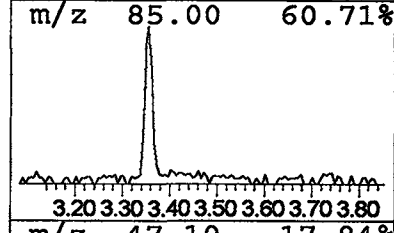
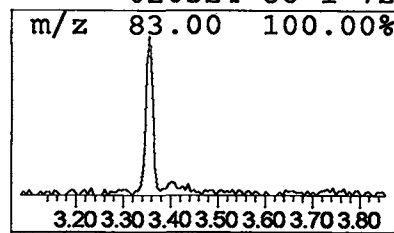
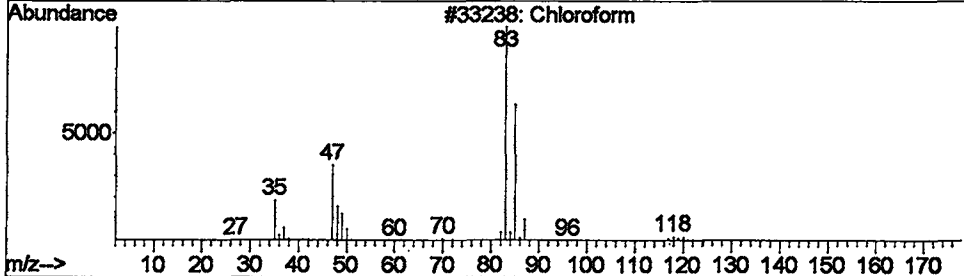
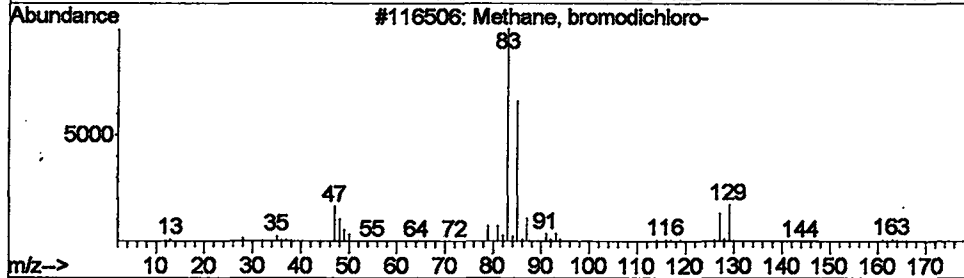
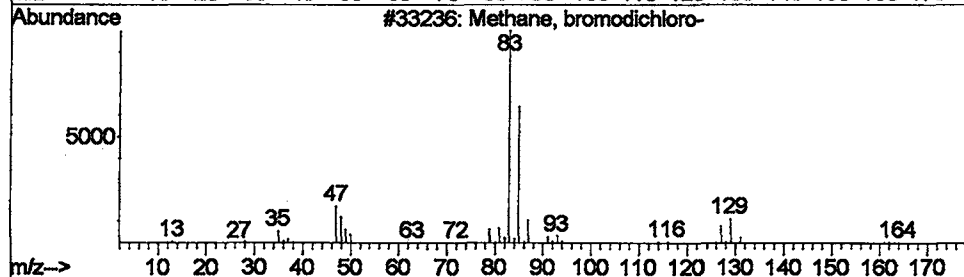
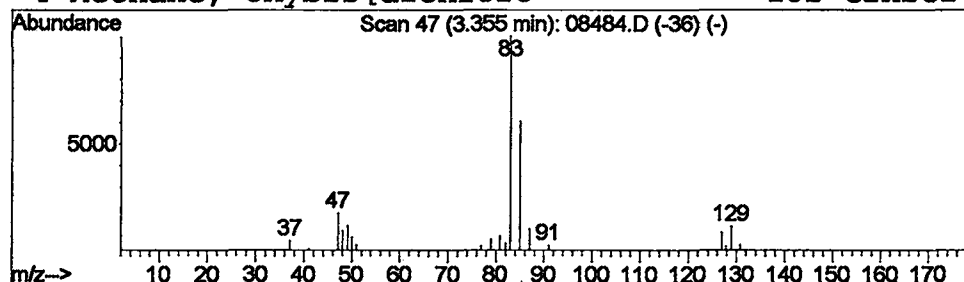
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Methane, bromodichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	0.23 ug/l	341975	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	78
3		Chloroform	118	CHCl3	000067-66-3	72
4		Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	72



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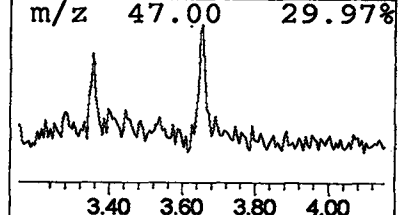
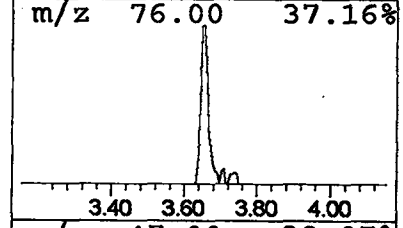
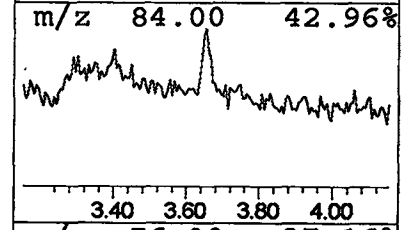
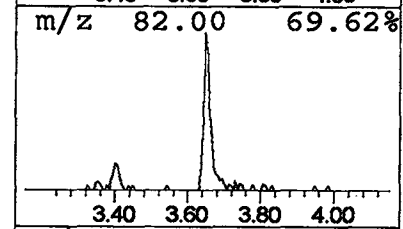
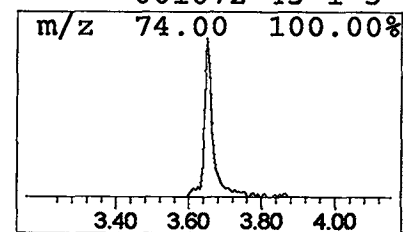
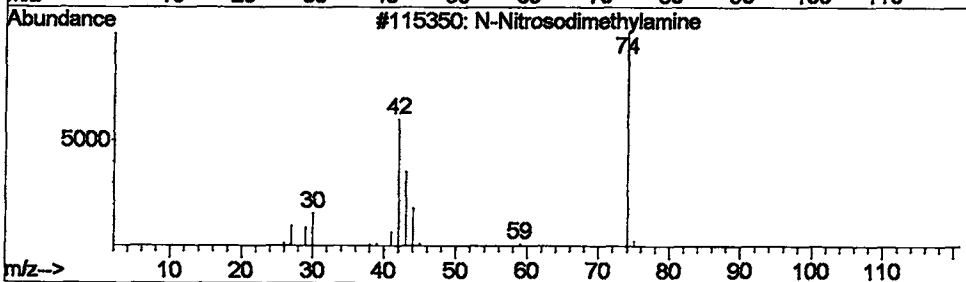
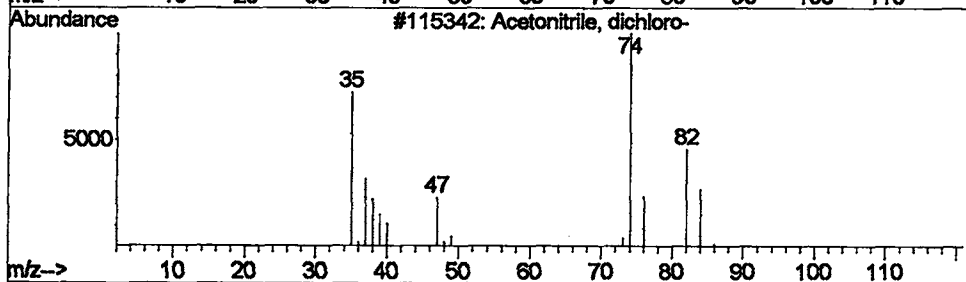
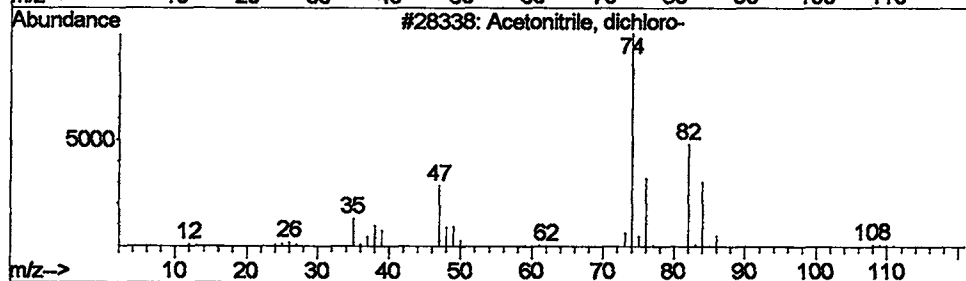
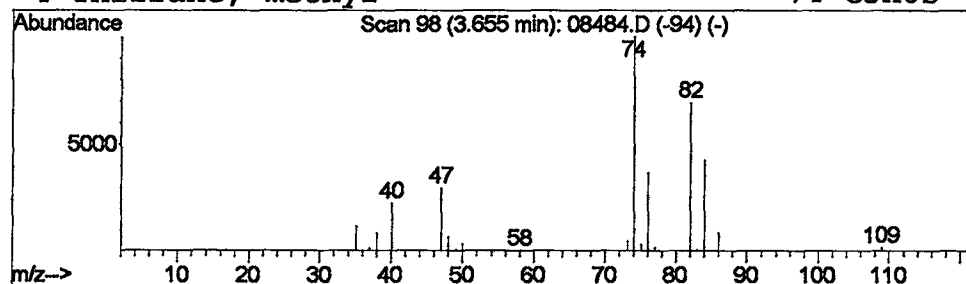
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
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 Peak Number 2 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.26 ug/l	384407	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	94
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	4
3		N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	3
4		Thiirane, methyl-	74	C3H6S	001072-43-1	3



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Sample : sample
Misc :
MS Integration Params: rteint.e

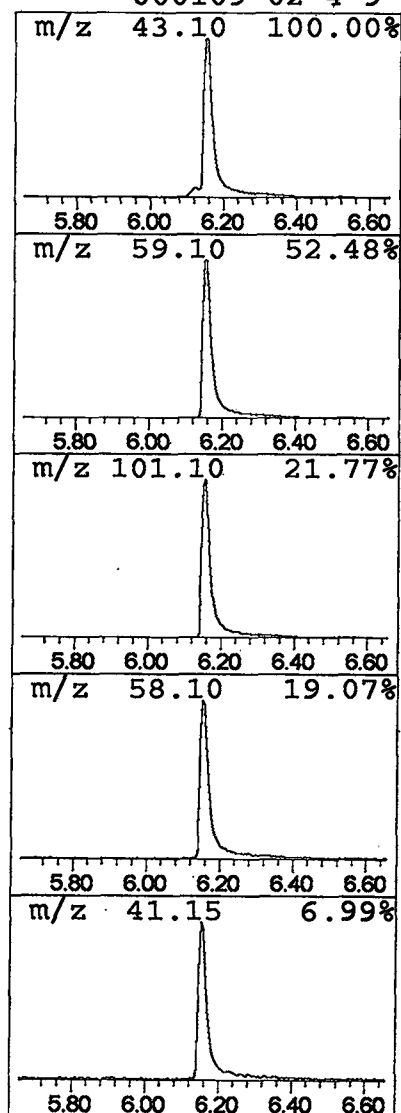
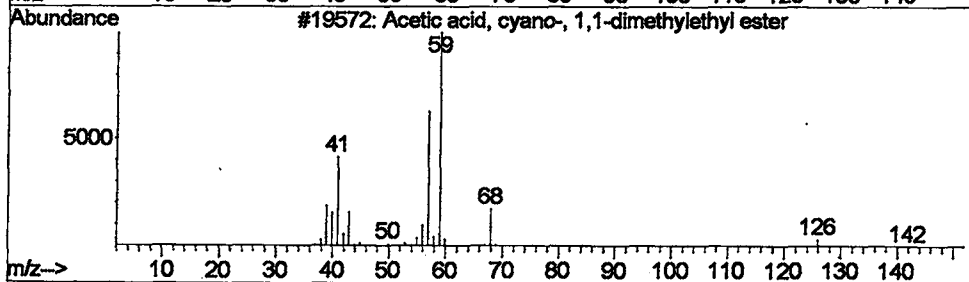
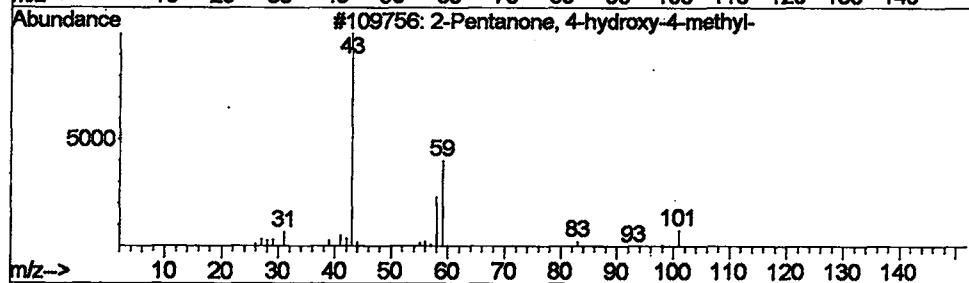
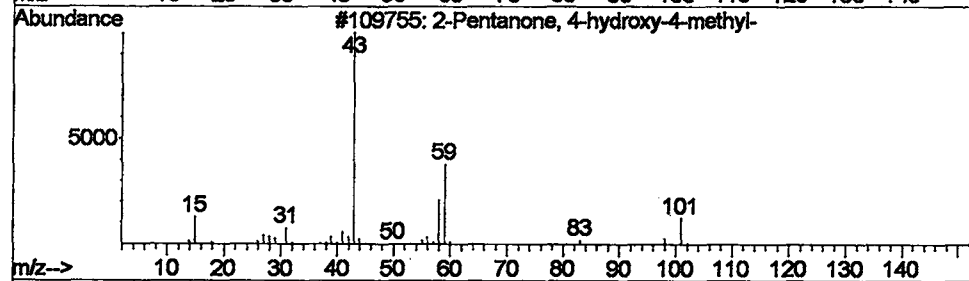
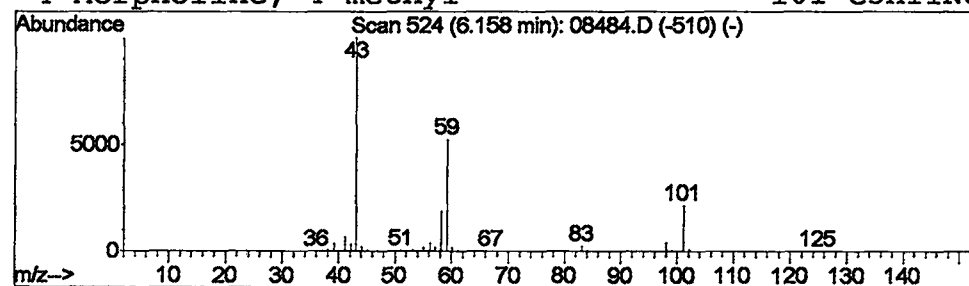
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Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	12.62 ug/l	18727800	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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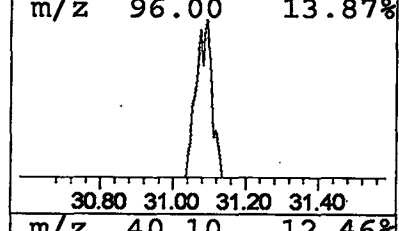
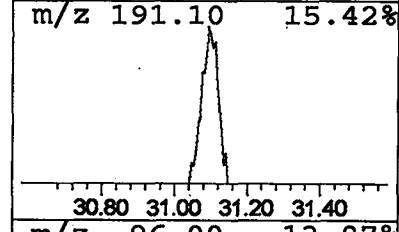
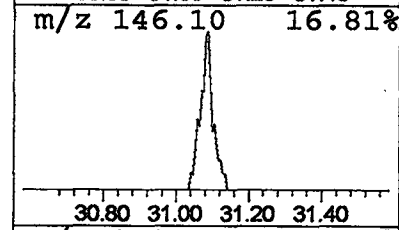
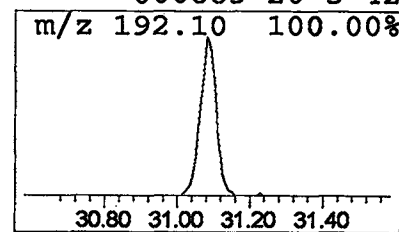
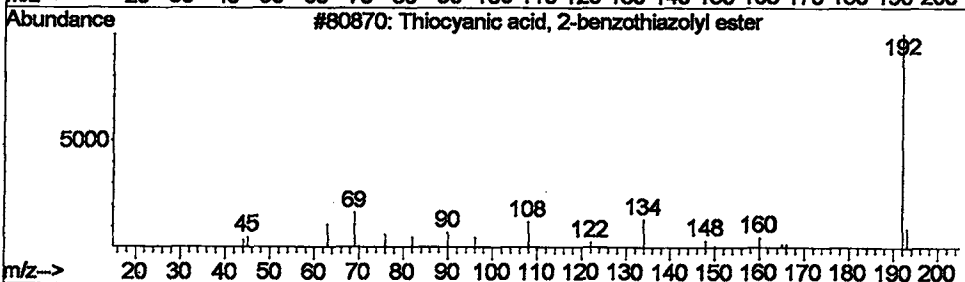
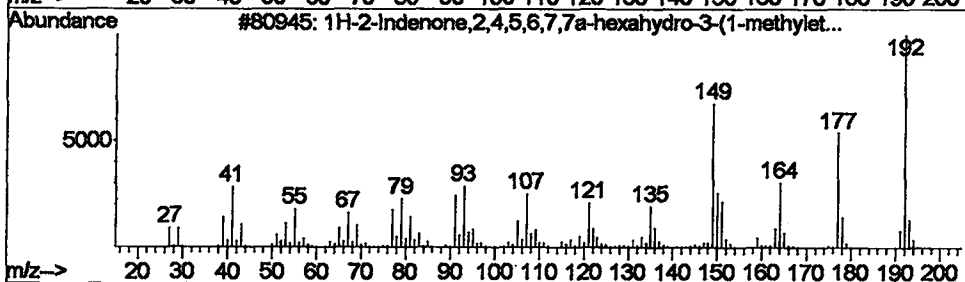
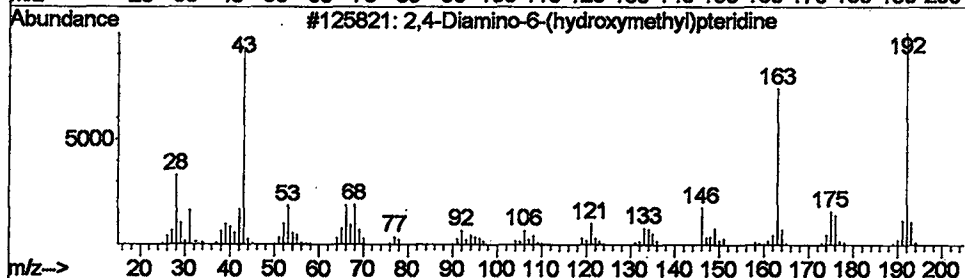
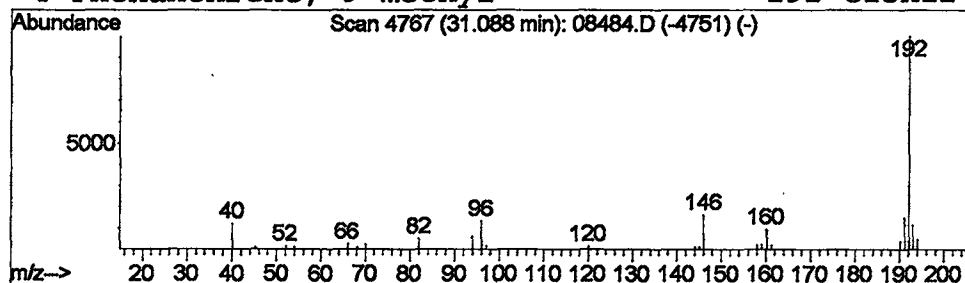
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 Peak Number 4 2,4-Diamino-6-(hydroxymethyl)... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.33 ug/l	767990	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	59
2			1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	42
3			Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	42
4			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	42



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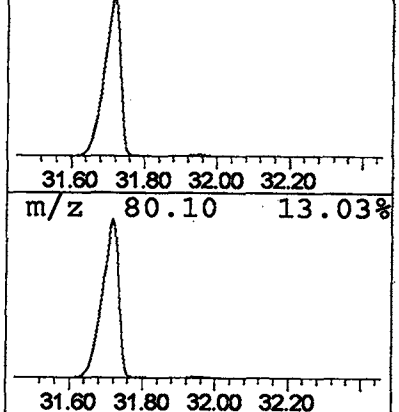
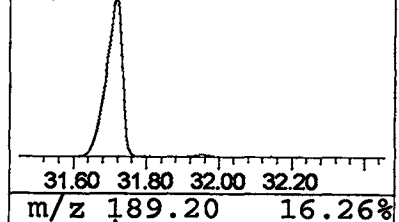
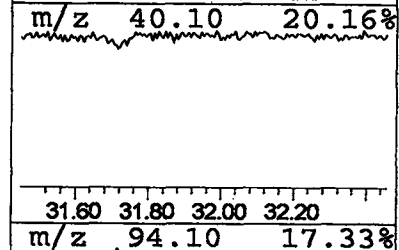
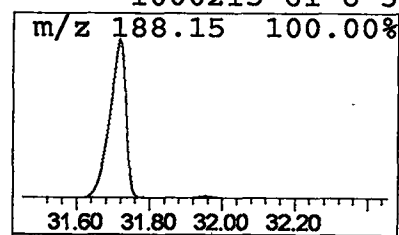
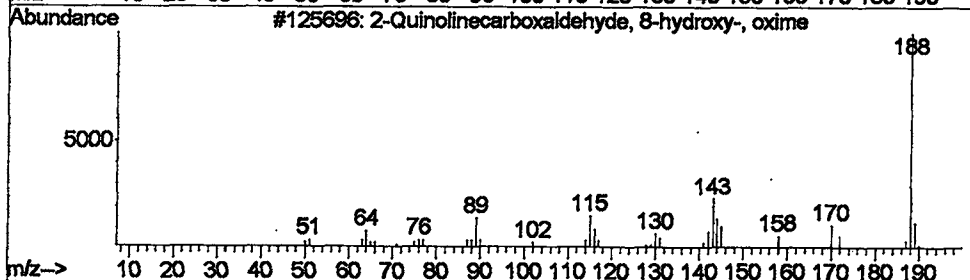
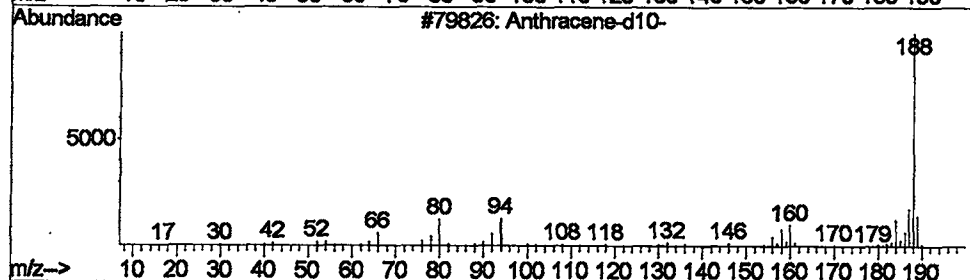
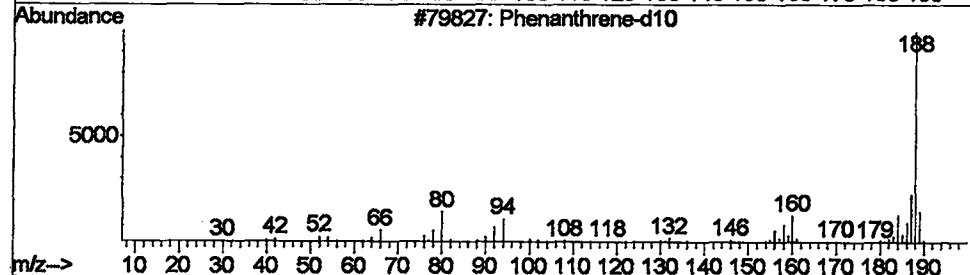
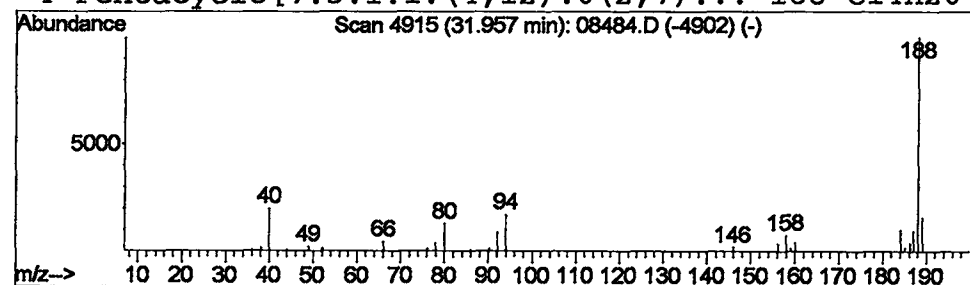
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Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

Peak Number 5 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.40 ug/l	930552	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene-d10	188	C14D10	001517-22-2	59
2		Anthracene-d10-	188	C14D10	001719-06-8	47
3		2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40
4		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	38



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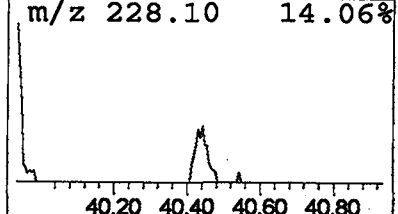
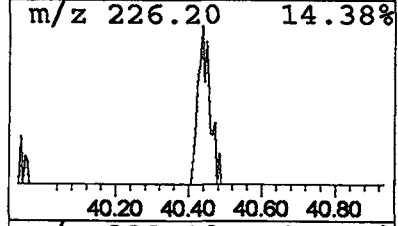
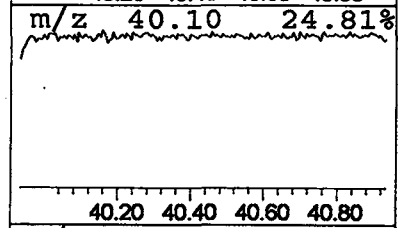
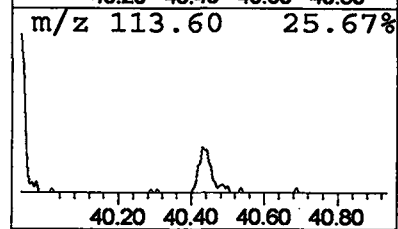
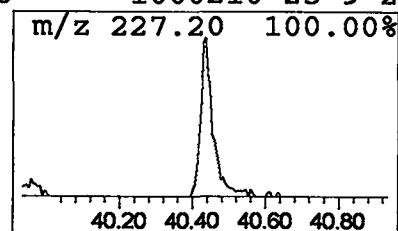
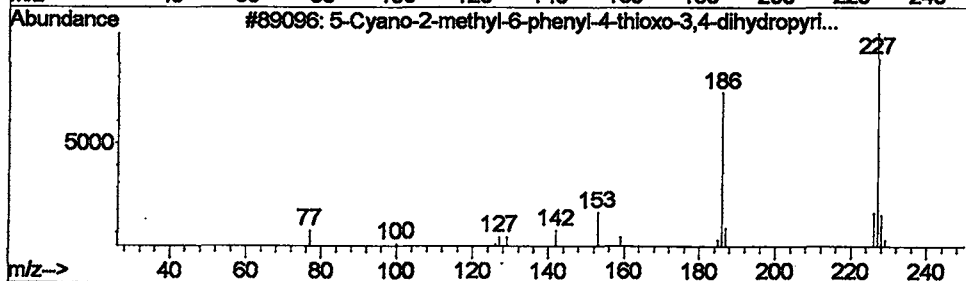
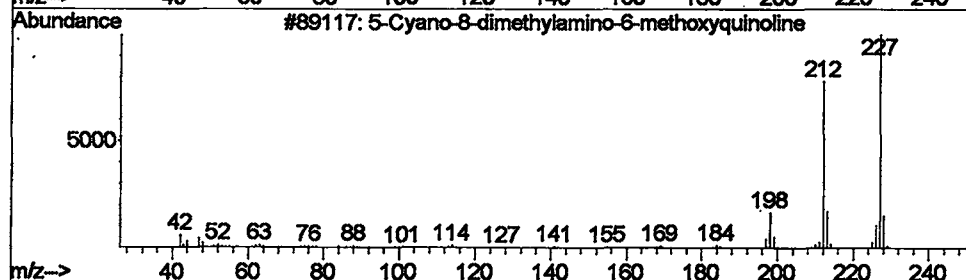
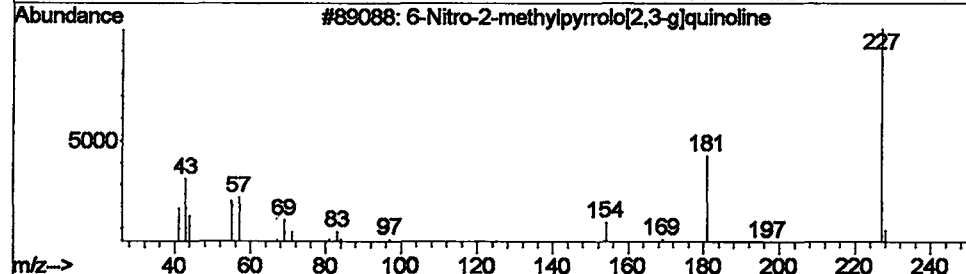
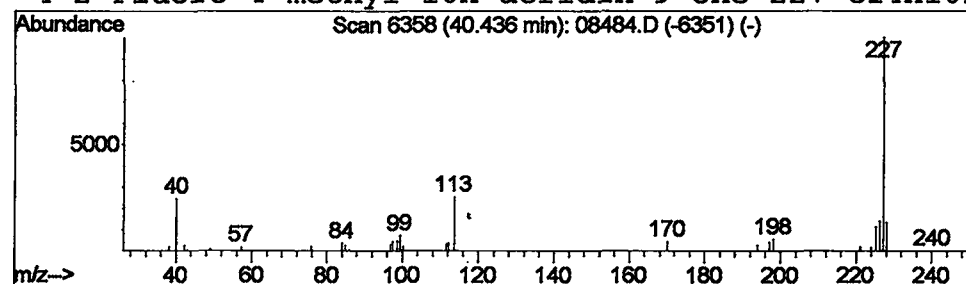
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 6-Nitro-2-methylpyrrolo[2,3... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.44	0.20 ug/l	434653	Chrysene-d12	39.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Nitro-2-methylpyrrolo[2,3-g]qu...	227	C12H9N3O2	1000071-35-1	47
2			5-Cyano-8-dimethylamino-6-methox...	227	C13H13N3O	1000213-20-5	33
3			5-Cyano-2-methyl-6-phenyl-4-thio...	227	C12H9N3S	013996-07-1	28
4			2-Fluoro-4-methyl-10H-acridin-9-one	227	C14H10FNO	1000210-25-9	23



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 20 Apr 2002 3:49 am
Data File: C:\MSDCHEM\1\DATA\020419\08484.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, bromodic...	3.36	0.2	ug/l	341975	1	11.38	59345400	40.0
✓ Acetonitrile, dic...	3.65	0.3	ug/l	384407	1	11.38	59345400	40.0
✓ 2-Pentanone, 4-hy...	6.16	12.6	ug/l	18727800	1	11.38	59345400	40.0
2,4-Diamino-6-(hy...	31.09	0.3	ug/l	767990	4	31.72	93328400	40.0
✓ Phenanthrene-d10	31.95	0.4	ug/l	930552	4	31.72	93328400	40.0
6-Nitro-2-methylp...	40.44	0.2	ug/l	434653	5	39.94	85488400	40.0