

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 15:34:23

Sample: AE07974
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 15:34 Ended: 4/18/2002 15:34 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		76	5.0

Comments for Sample AE07974 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 15:34:31

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.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\07974.D Vial: 14
Acq On : 15 Apr 2002 9:26 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 16 13:43:37 2002 Quant Results File: 041202SCAN.RE

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Apr 16 11:14:47 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.99	152	5568735	40.00	ug/L	0.00
10) Napthalene-d8	13.49	136	21150667	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.63	164	12387281	40.00	ug/L	0.00
29) Phenanthranene-d10	23.02	188	19487035	40.00	ug/L	-0.01
37) Chrysene-d12	30.89	240	16593160	40.00	ug/L	-0.02
43) Perylene-d12	34.79	264	11901040	40.00	ug/L	-0.01

System Monitoring Compounds

27) TCMX	20.60	207	419963	6.11	ug/L	0.00
Spiked Amount	8.000		Recovery	=	76.38%	

Target Compounds

35) Di-n-butylphthalate	25.16	149	430348	0.76	ug/L	Qvalue 98
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
07974.D 041202SCAN.M Tue Apr 16 13:44:23 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\07974.D

Vial: 14

Acq On : 15 Apr 2002 9:26 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 16 13:44 2002

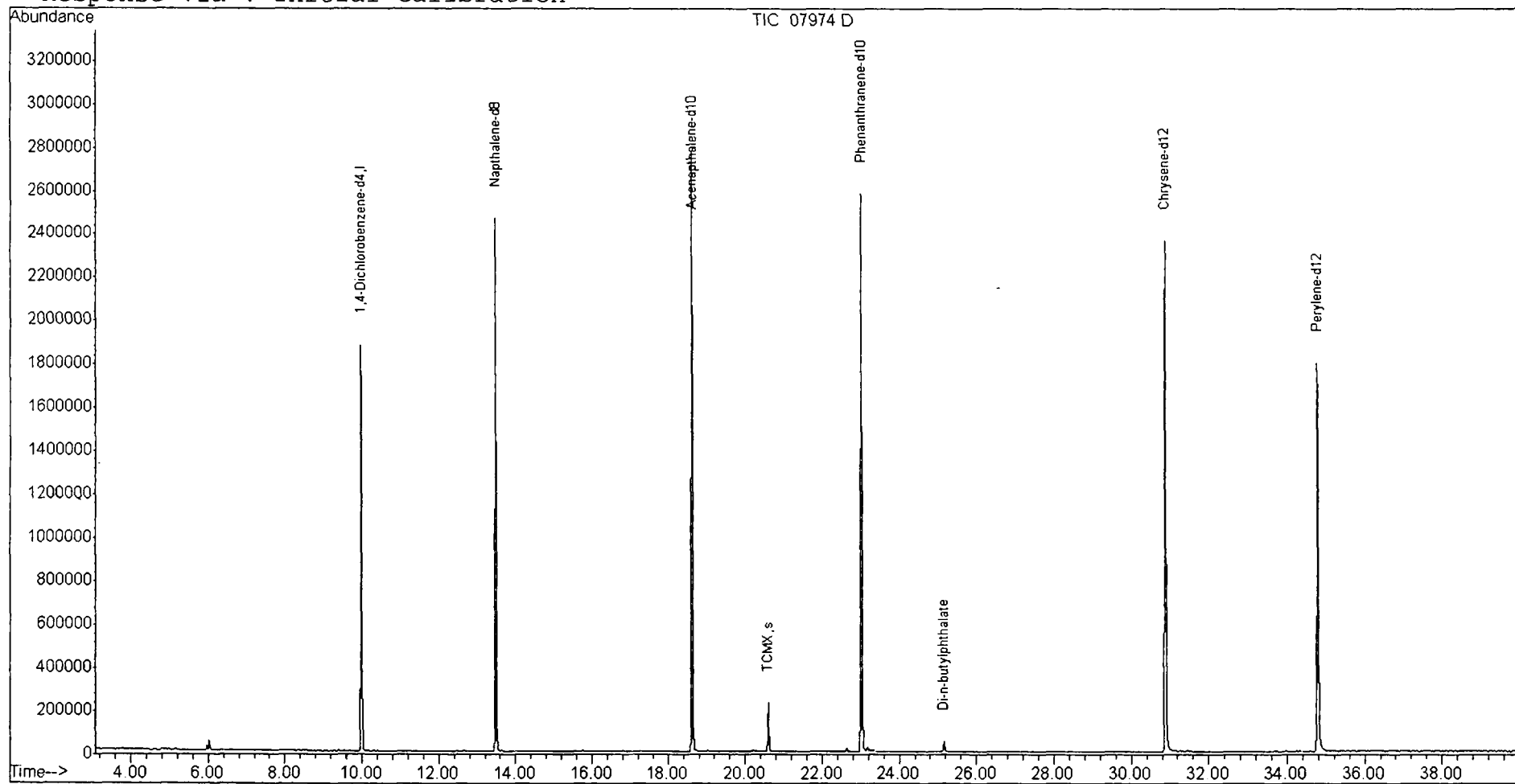
Quant Results File: 041202SCAN.RES

Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)

Title : 508 Modified GC/MS scan

Last Update : Tue Apr 16 11:14:47 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020415\07974.D
 Acq On : 15 Apr 2002 9:26 pm
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

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

Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan

Signal : TIC

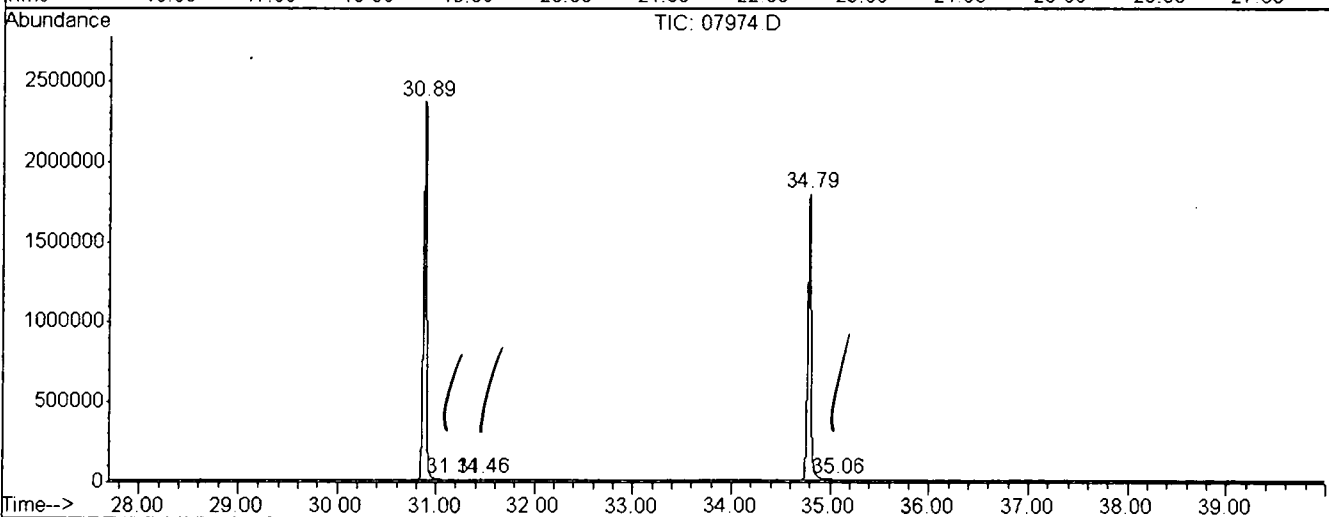
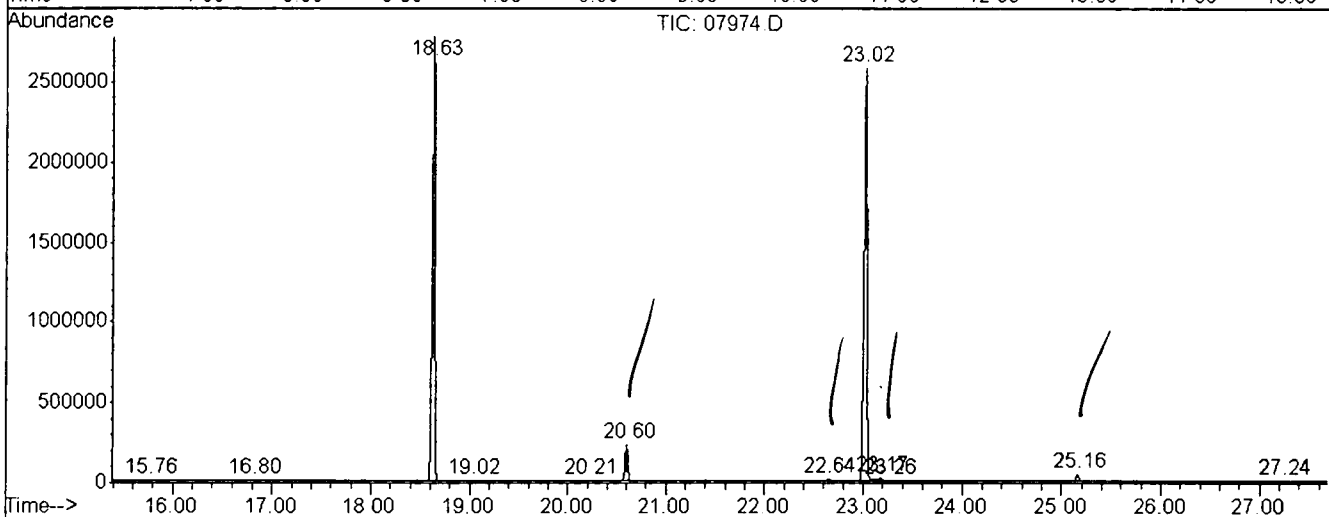
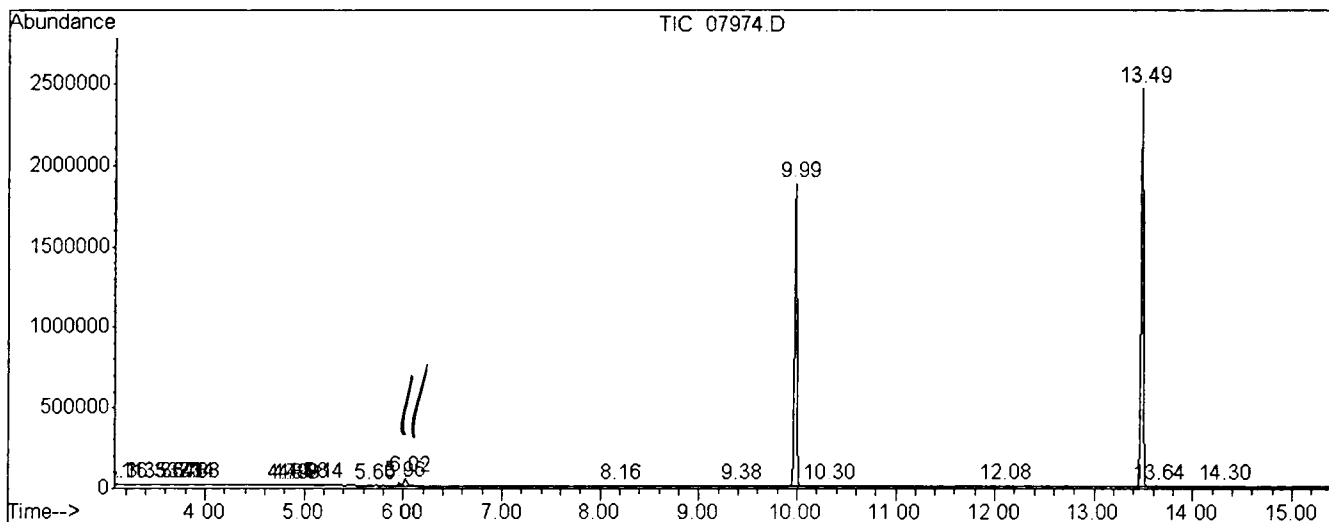
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.115	3	6	9	BV 4	3522	38078	0.07%	0.014%
2	3.156	9	13	23	PV 5	3013	60503	0.12%	0.022%
3	3.350	44	46	52	VV 4	2313	33171	0.07%	0.012%
4	3.637	91	95	100	PV 3	3205	54153	0.11%	0.020%
5	3.714	100	108	111	VV 2	3031	80240	0.16%	0.029%
6	3.773	111	118	124	VV 4	6713	212887	0.42%	0.078%
7	3.837	124	129	133	VV 5	3918	115899	0.23%	0.042%
8	3.884	133	137	144	VV 7	3835	118179	0.23%	0.043%
9	4.789	286	291	295	VV 5	2691	58055	0.11%	0.021%
10	4.836	295	299	304	VV 5	2639	56634	0.11%	0.021%
11	4.889	304	308	317	VV 7	3433	102392	0.20%	0.037%
12	4.977	321	323	329	VV 2	4193	68376	0.13%	0.025%
13	5.136	345	350	361	VV 8	5676	156551	0.31%	0.057%
14	5.665	435	440	443	VV 5	2424	40156	0.08%	0.015%
15	5.964	485	491	496	PV	18407	334365	0.66%	0.122%
16	6.017	496	500	519	VV	44856	963858	1.90%	0.351%
17	8.156	861	864	867	VV 2	1720	18300	0.04%	0.007%
18	9.384	1064	1073	1076	PV 4	1105	26767	0.05%	0.010%
19	9.989	1167	1176	1192	PV	1846528	31866712	62.73%	11.619%
20	10.300	1226	1229	1242	VV 3	2245	53570	0.11%	0.020%
21	12.081	1529	1532	1537	VV 3	1692	22823	0.04%	0.008%
22	13.485	1739	1771	1790	PV	2424386	42459302	83.58%	15.482%
23	13.638	1790	1797	1803	PV 2	4754	86784	0.17%	0.032%
24	14.307	1907	1911	1919	VV 5	1999	30062	0.06%	0.011%
25	15.759	2145	2158	2162	PV 5	1933	40568	0.08%	0.015%
26	16.799	2331	2335	2340	PV	3500	49564	0.10%	0.018%
27	18.632	2637	2647	2674	PV	2736489	49952371	98.33%	18.214%
28	19.020	2709	2713	2718	VV 4	1853	31443	0.06%	0.011%
29	20.207	2911	2915	2920	PV 3	1948	28797	0.06%	0.011%
30	20.600	2973	2982	2992	VV	223529	3939231	7.75%	1.436%
31	22.645	3320	3330	3342	VV	15040	279095	0.55%	0.102%
32	23.021	3382	3394	3414	PV 2	2541544	50800838	100.00%	18.523%
33	23.174	3414	3420	3432	VV	19495	467457	0.92%	0.170%
34	23.256	3432	3434	3442	VV 4	1515	24888	0.05%	0.009%
35	25.160	3751	3758	3771	VV	40379	745843	1.47%	0.272%
36	27.240	4107	4112	4118	VV 2	1791	23919	0.05%	0.009%
37	30.888	4719	4733	4772	PV 2	2357725	49424736	97.29%	18.021%

38	31.147	4772	4777	4779	VV		3407	62206	0.12%	0.023%
39	31.458	4817	4830	4841	VV	6	5380	165059	0.32%	0.060%
40	34.790	5383	5397	5440	PV	2	1766487	41140429	80.98%	15.001%
41	35.054	5440	5442	5447	VV	3	1404	21925	0.04%	0.008%

Sum of corrected areas: 274256184

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020415\07974.D
 Operator : Nefliu
 Acquired : 15 Apr 2002 9:26 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 14
 Quant File :041202SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07974.D
Acq On : 15 Apr 2002 9:26 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

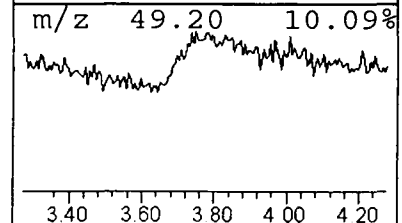
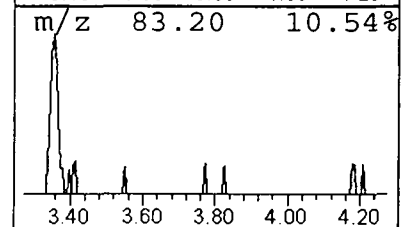
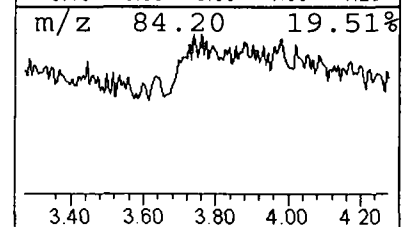
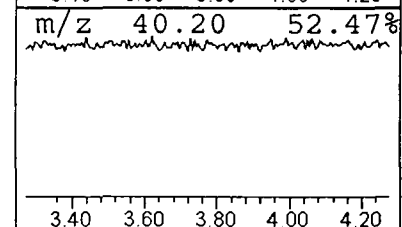
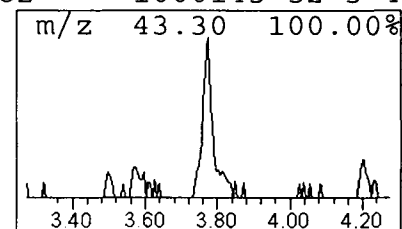
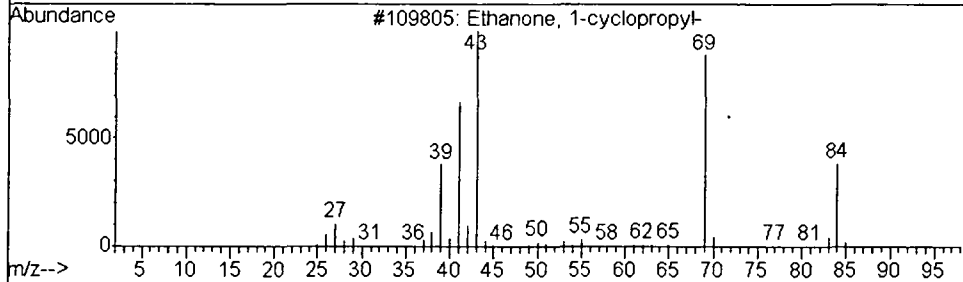
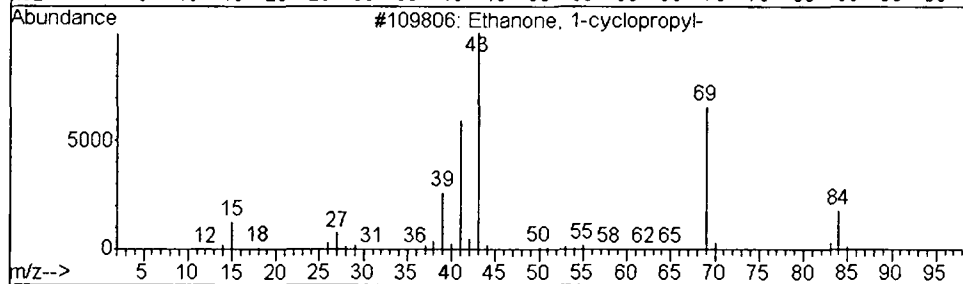
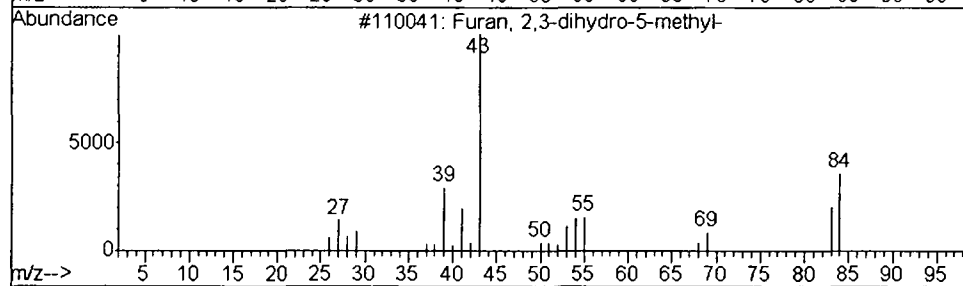
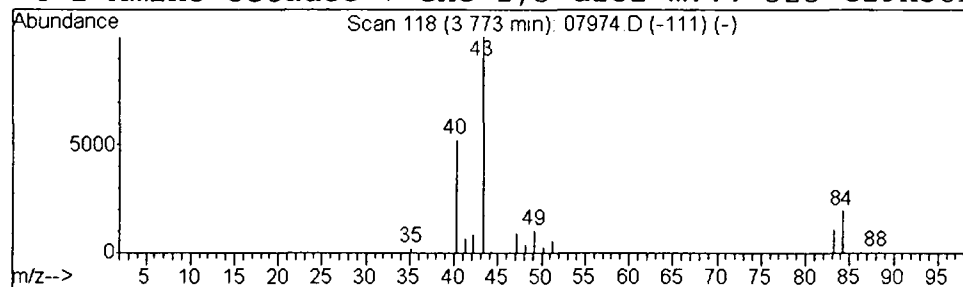
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 1 Furan, 2,3-dihydro-5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	0.27 ug/L	212887	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furan, 2,3-dihydro-5-methyl-	84	C5H8O	001487-15-6	5
2		Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	5
3		Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	4
4		2-Amino-octadec-7-ene-1,3-diol m...	323	C19H38BNO2	1000143-52-3	4



Library Search Compound Report

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Acq On : 15 Apr 2002 9:26 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

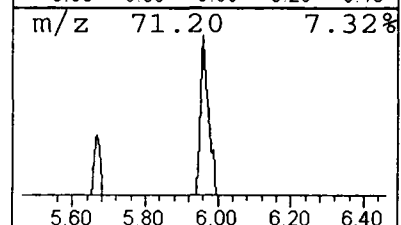
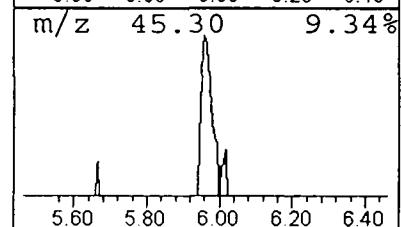
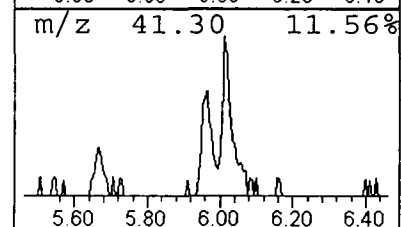
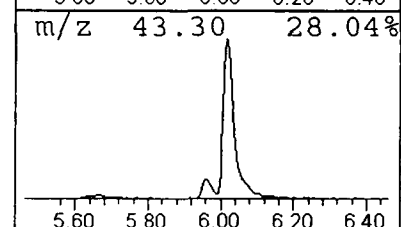
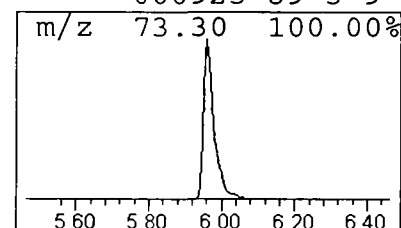
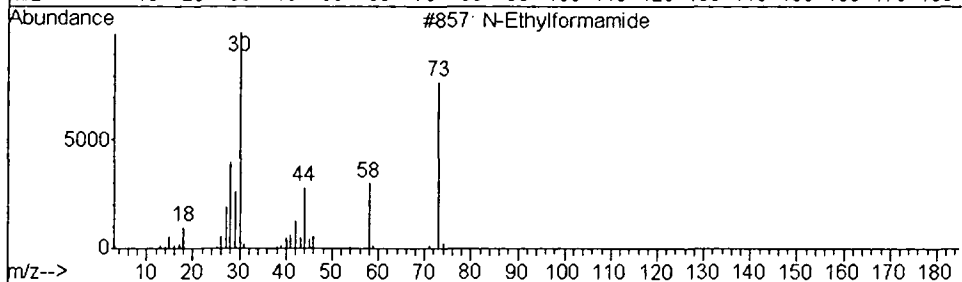
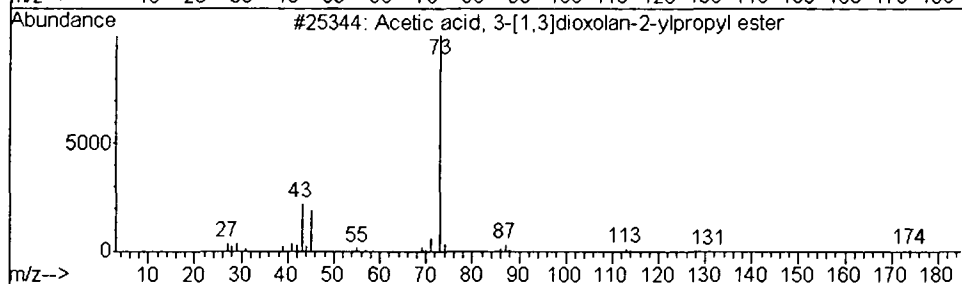
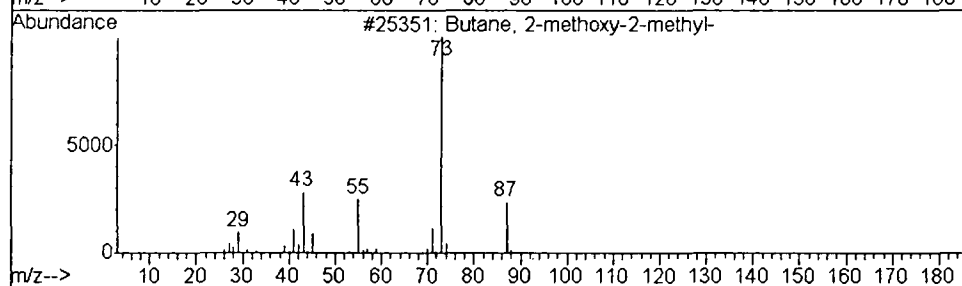
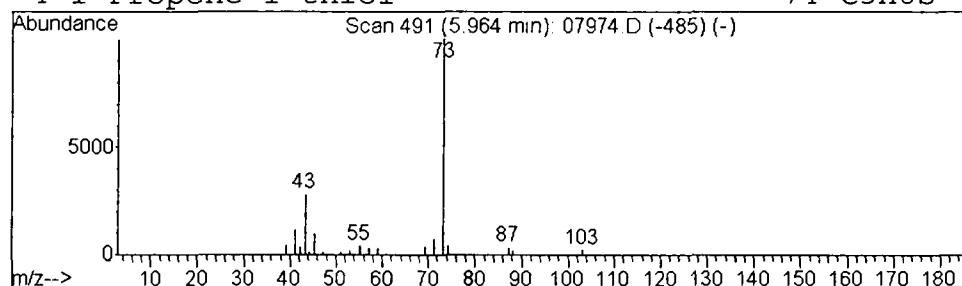
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	0.42 ug/L	334365	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
2			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			1-Propene-1-thiol	74	C3H6S	000925-89-3	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07974.D
 Acq On : 15 Apr 2002 9:26 pm
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

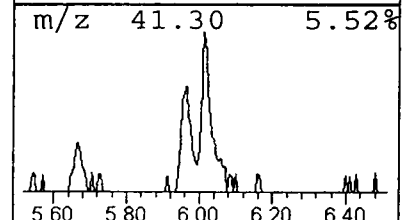
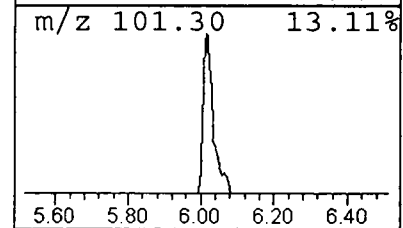
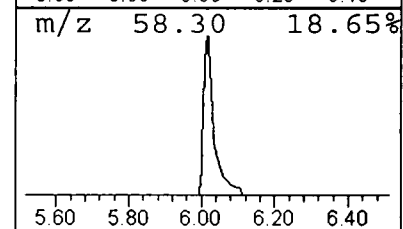
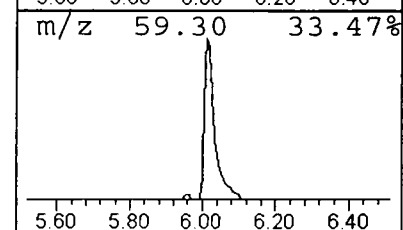
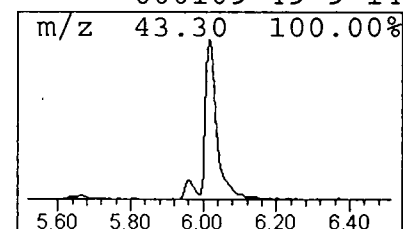
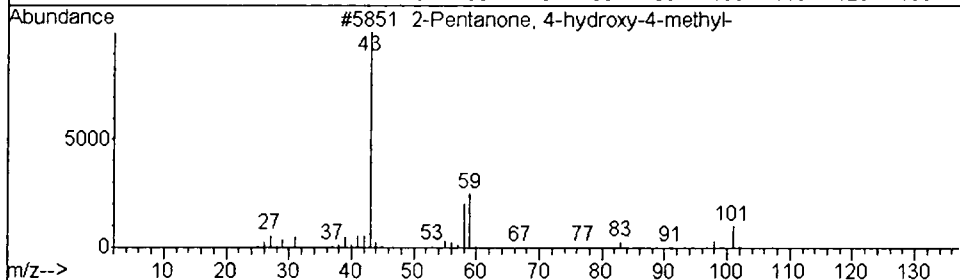
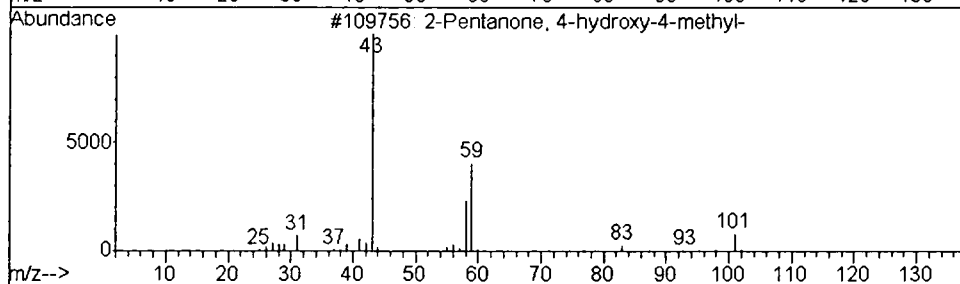
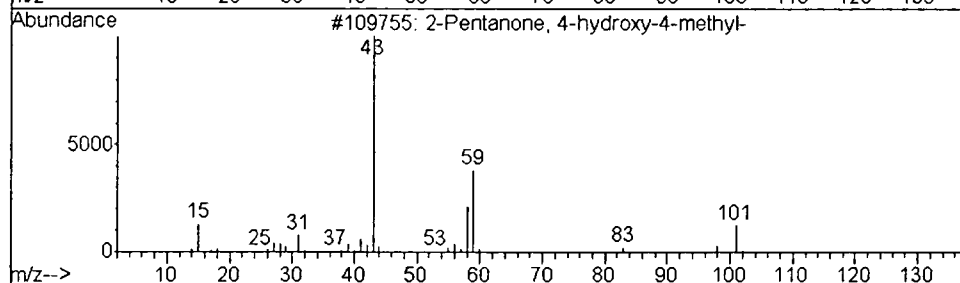
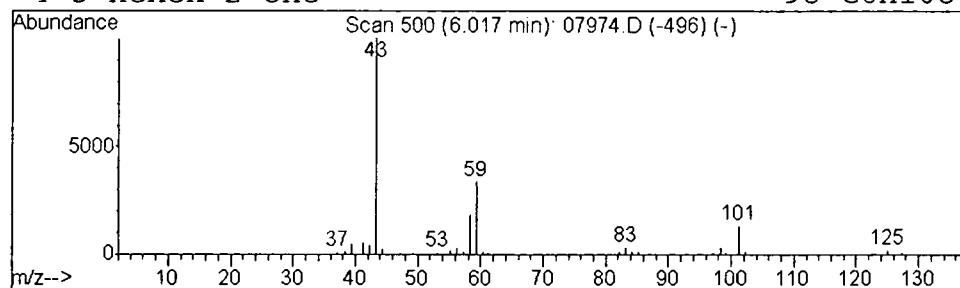
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan
 Library : C:\DATABASE\NIST98.L

 Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	1.21 ug/L	963858	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
4			5-Hexen-2-one	98	C6H10O	000109-49-9	14



Library Search Compound Report

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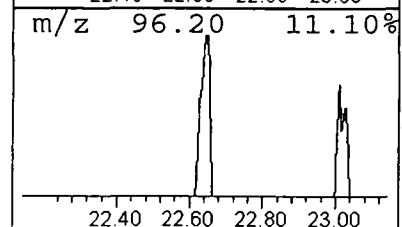
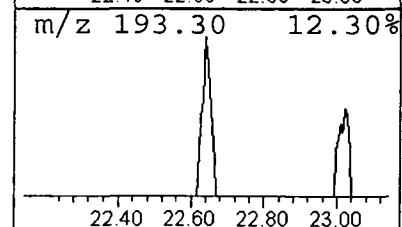
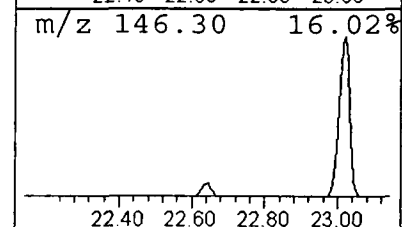
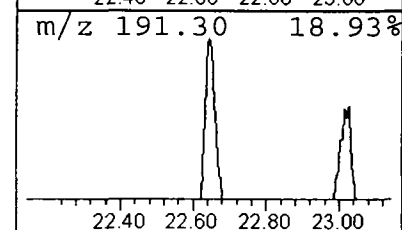
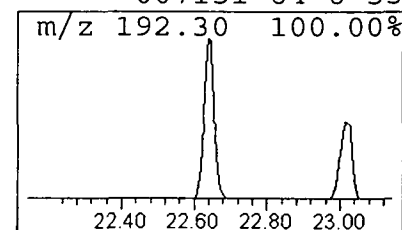
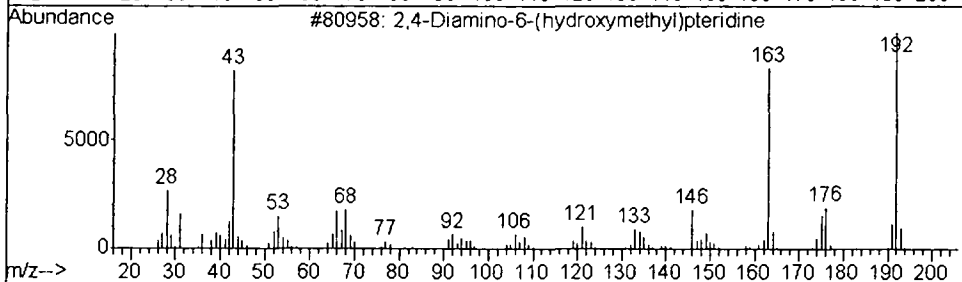
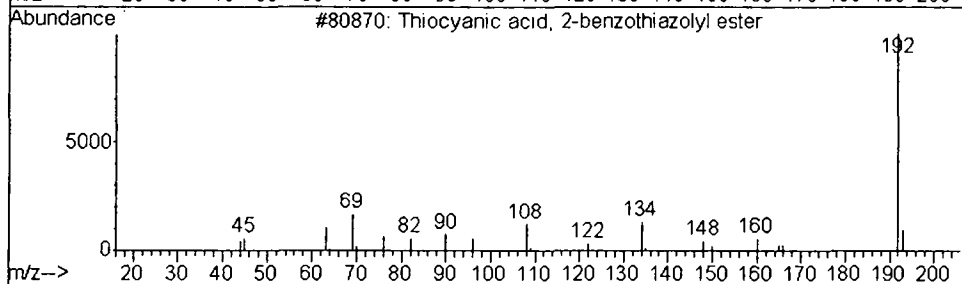
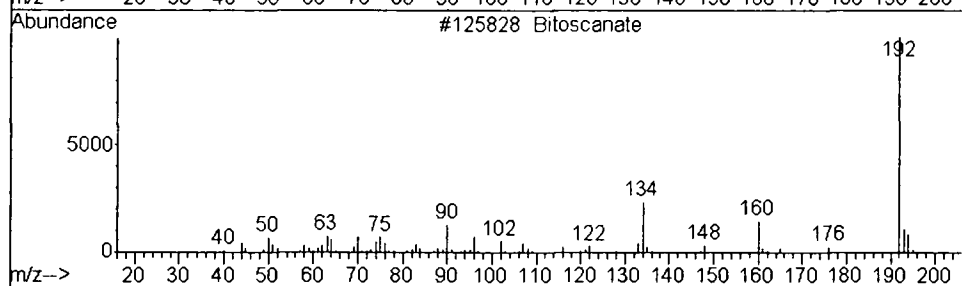
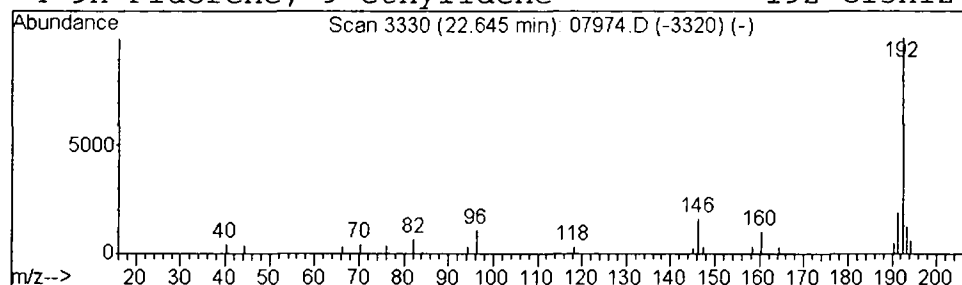
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 4 Bitoscanate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.22 ug/L	279095	Phenanthranene-d10	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bitoscanate	192	C8H4N2S2	004044-65-9	59
2		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	59
3		2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	59
4		9H-Fluorene, 9-ethylidene-	192	C15H12	007151-64-6	53



Library Search Compound Report

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

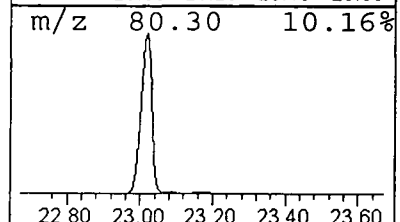
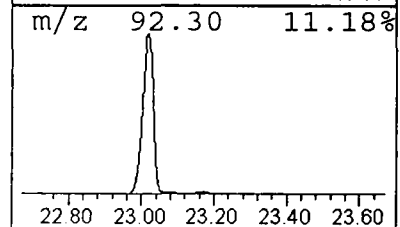
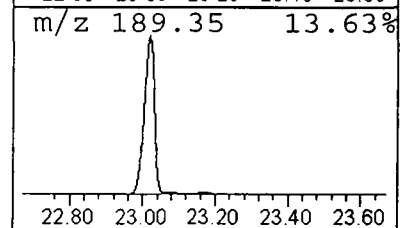
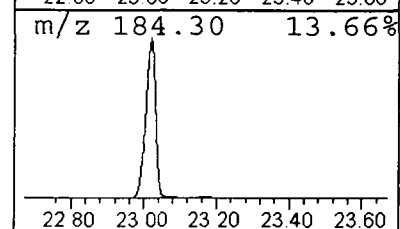
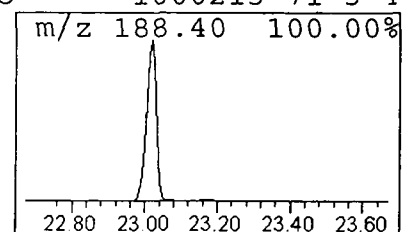
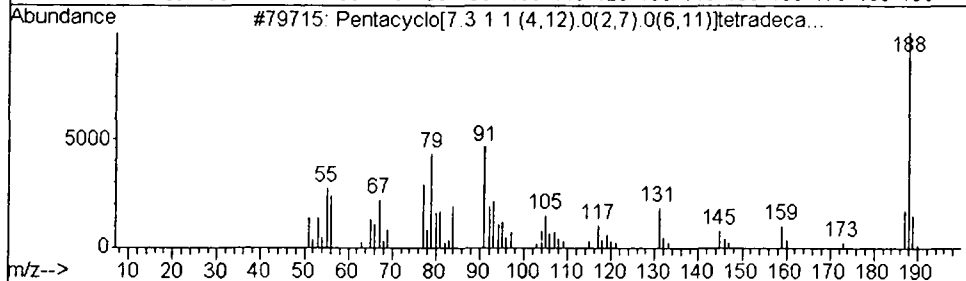
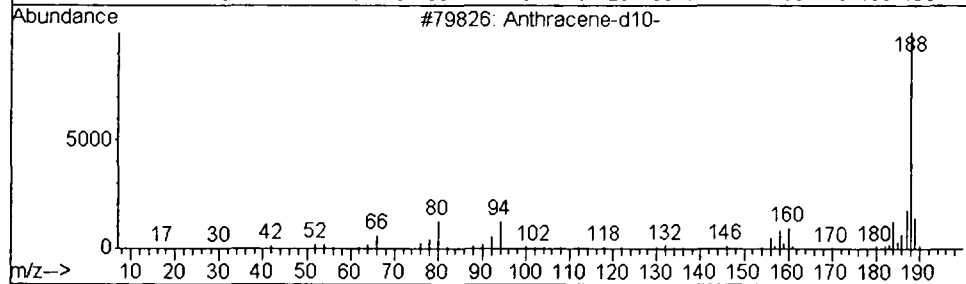
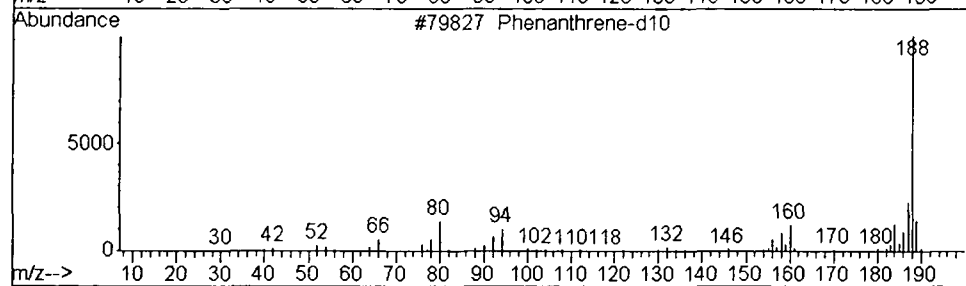
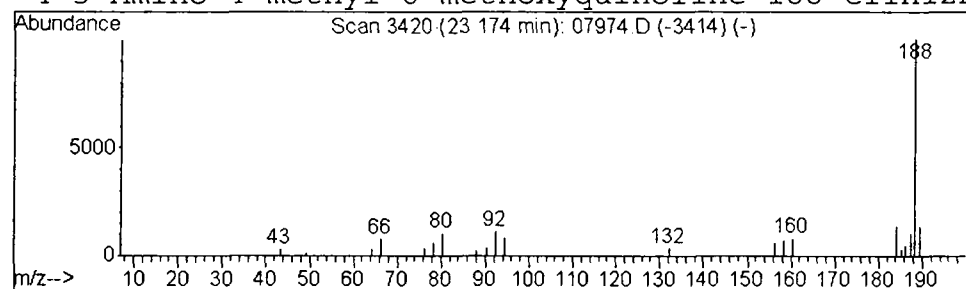
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 5 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	0.37 ug/L	467457	Phenanthranene-d10	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene-d10	188	C14D10	001517-22-2	72
2		Anthracene-d10-	188	C14D10	001719-06-8	50
3		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	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 Apr 2002 9:26 pm
Data File: C:\MSDCHEM\1\DATA\020415\07974.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Furan, 2,3-dihydr...	3.78	0.3	ug/L	212887	1	9.99	31866700	40.0
Butane, 2-methoxy...	5.96	0.4	ug/L	334365	1	9.99	31866700	40.0
2-Pentanone, 4-hy...	6.02	1.2	ug/L	963858	1	9.99	31866700	40.0
Bitoscanate	22.64	0.2	ug/L	279095	4	23.02	50800800	40.0
✓Phenanthrene-d10	23.17	0.4	ug/L	467457	4	23.02	50800800	40.0