

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 16:01:19

Sample: AE08064
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 16:01 Ended: 4/18/2002 16:01 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		78	5.0

Comments for Sample AE08064 - Analysis \$GCMS

Vestchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 16:01:28

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\08064.D Vial: 21
Acq On : 16 Apr 2002 3:10 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 16 13:52:05 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	5987132	40.00	ug/L	0.00
10) Napthalene-d8	13.49	136	22525157	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.63	164	13423517	40.00	ug/L	0.00
29) Phenanthranene-d10	23.02	188	21186000	40.00	ug/L	0.00
37) Chrysene-d12	30.89	240	17802008	40.00	ug/L	-0.02
43) Perylene-d12	34.79	264	12685933	40.00	ug/L	0.00

System Monitoring Compounds

27) TCMX	20.60	207	465649	6.26	ug/L	0.00
Spiked Amount	8.000		Recovery	=	78.25%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
08064.D 041202SCAN.M Tue Apr 16 13:53:43 2002 Page 1

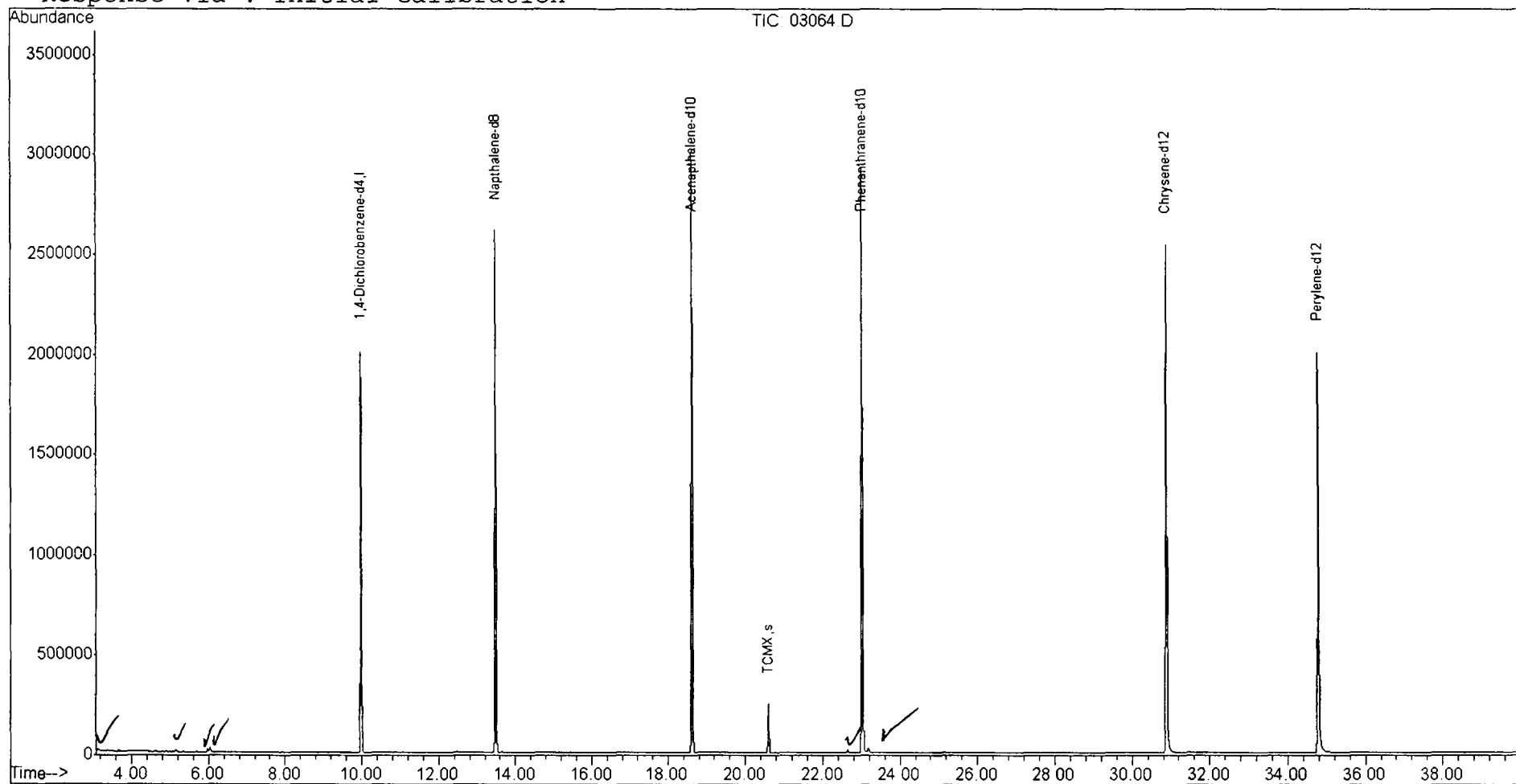
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\08064.D
Acq On : 16 Apr 2002 3:10 am
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 16 13:53 2002

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

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\08064.D
 Acq On : 16 Apr 2002 3:10 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

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

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

Signal : TIC

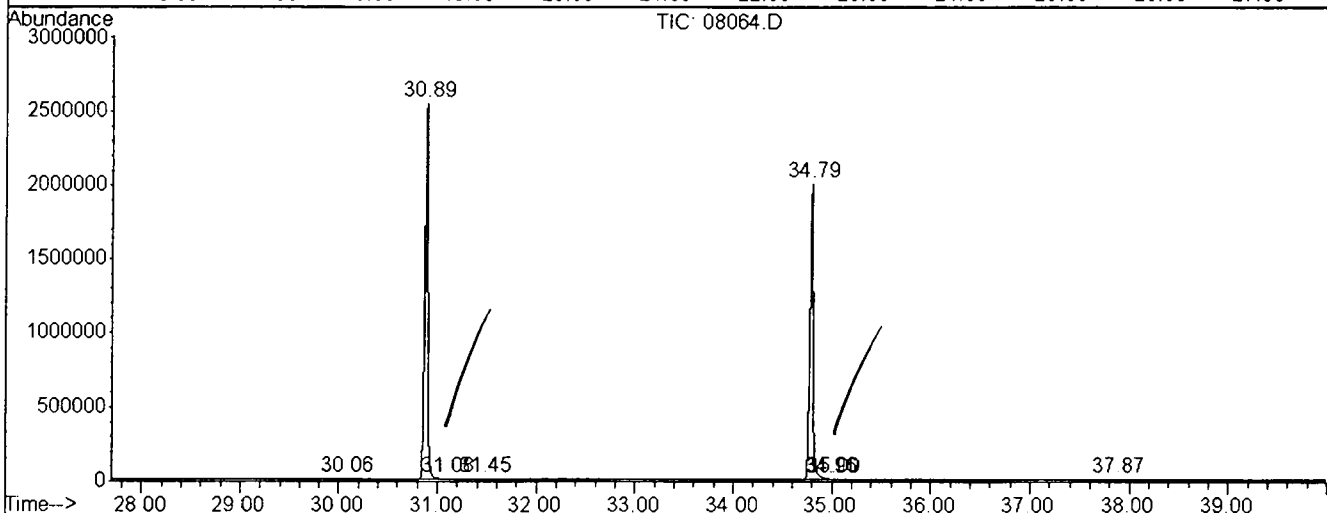
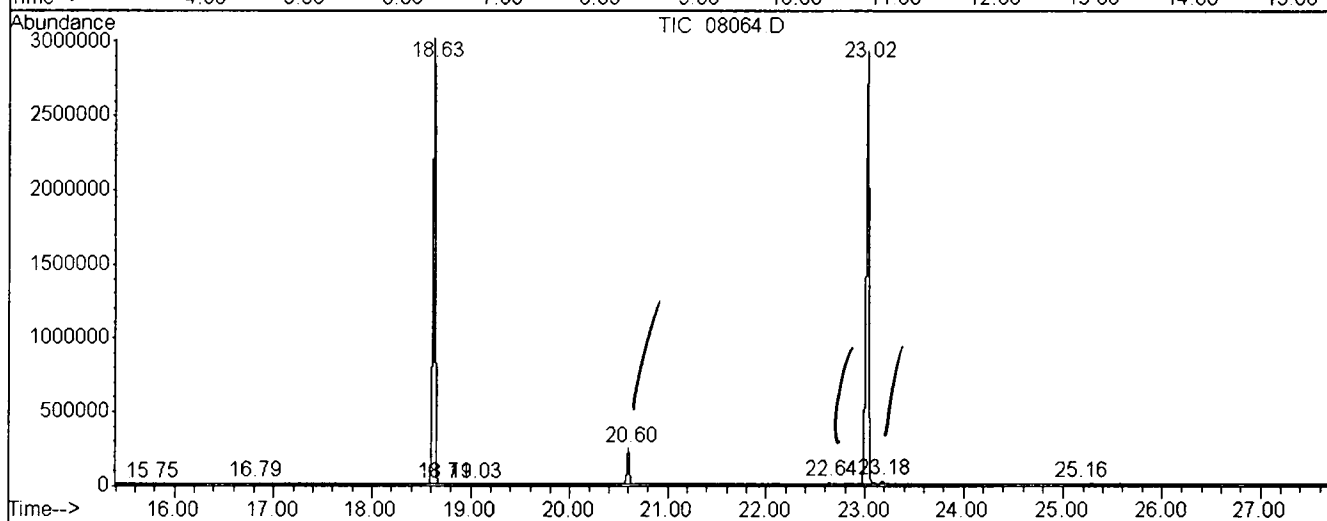
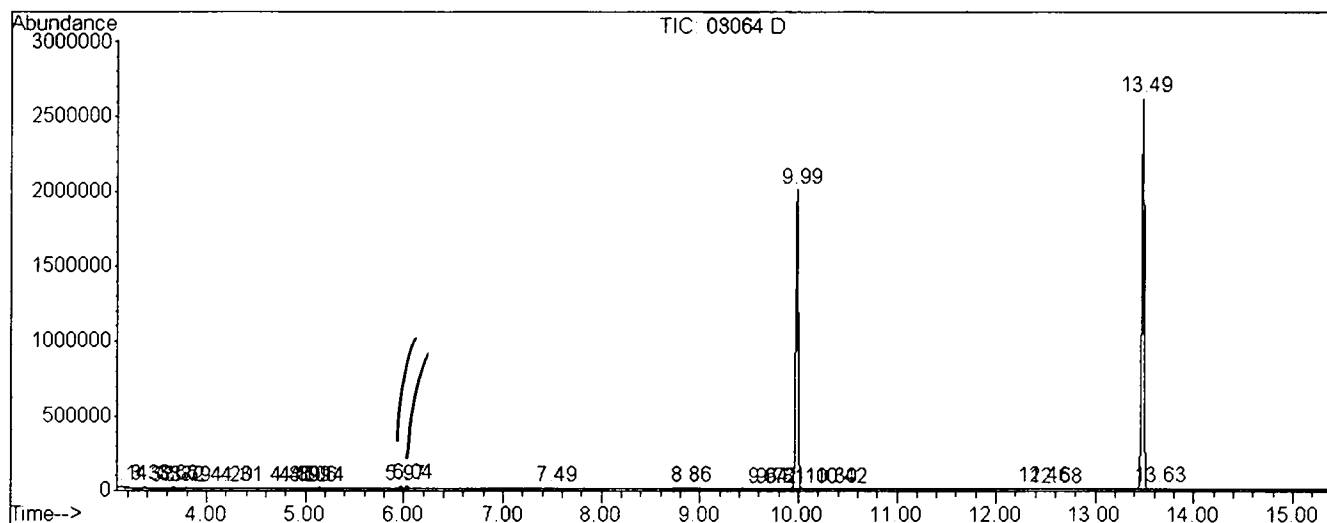
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	4	11	31	BV 5	10363	242464	0.44%	0.083%
2	3.379	46	51	58	PV 3	7661	133815	0.24%	0.046%
3	3.585	79	86	93	VV 8	2333	51205	0.09%	0.017%
4	3.661	93	99	104	PV 2	10244	153384	0.28%	0.052%
5	3.714	104	108	111	VV 3	968	14823	0.03%	0.005%
6	3.790	116	121	129	BV 4	2177	34769	0.06%	0.012%
7	4.196	186	190	192	VV 2	2017	27629	0.05%	0.009%
8	4.307	204	209	214	PV 3	2838	39482	0.07%	0.013%
9	4.801	289	293	298	VV 3	2433	34789	0.06%	0.012%
10	4.895	304	309	311	VV 2	2984	40958	0.07%	0.014%
11	4.995	316	326	331	VV 6	2786	56281	0.10%	0.019%
12	5.065	335	338	347	VV 6	2003	34817	0.06%	0.012%
13	5.142	347	351	361	VV 6	8414	175659	0.32%	0.060%
14	5.970	486	492	497	PV	15500	281383	0.51%	0.096%
15	6.035	497	503	515	VV	20772	428273	0.78%	0.146%
16	7.486	743	750	757	VV 8	2530	61324	0.11%	0.021%
17	8.867	979	985	988	PV 2	2380	40595	0.07%	0.014%
18	9.642	1113	1117	1124	VV 5	1926	34559	0.06%	0.012%
19	9.725	1124	1131	1138	VV 6	2264	57790	0.10%	0.020%
20	9.807	1138	1145	1150	PV 3	1812	44015	0.08%	0.015%
21	9.989	1166	1176	1200	VV	1961847	34106215	61.77%	11.611%
22	10.306	1225	1230	1244	VV 6	2128	75542	0.14%	0.026%
23	10.418	1244	1249	1255	PV 4	1692	42219	0.08%	0.014%
24	12.457	1585	1596	1602	BV 2	6021	105486	0.19%	0.036%
25	12.574	1611	1616	1619	PV 2	1852	29357	0.05%	0.010%
26	13.485	1757	1771	1785	PV	2577615	45194354	81.86%	15.385%
27	13.632	1790	1796	1804	VV 2	6158	109258	0.20%	0.037%
28	15.747	2151	2156	2165	VV 4	2237	50131	0.09%	0.017%
29	16.793	2329	2334	2340	PV 3	3123	58874	0.11%	0.020%
30	18.632	2628	2647	2658	VV	2973465	53902763	97.63%	18.350%
31	18.708	2658	2660	2666	VV 3	2405	47625	0.09%	0.016%
32	19.026	2708	2714	2718	PV 2	1843	27824	0.05%	0.009%
33	20.600	2964	2982	2989	PV	242946	4353686	7.89%	1.482%
34	22.645	3321	3330	3341	PV 4	16559	308343	0.56%	0.105%
35	23.027	3382	3395	3414	PV 2	2876824	55211346	100.00%	18.795%
36	23.174	3414	3420	3444	VV 2	22061	645195	1.17%	0.220%
37	25.160	3751	3758	3766	VV	2490	47553	0.09%	0.016%

38	30.060	4586	4592	4596	PV	4	2067	40737	0.07%	0.014%
39	30.888	4720	4733	4764	PV	2	2494799	52807781	95.65%	17.977%
40	31.076	4764	4765	4776	VV	6	3989	122669	0.22%	0.042%
41	31.453	4823	4829	4839	PV	5	5996	136694	0.25%	0.047%
42	34.796	5379	5398	5425	VV	2	1976469	44016340	79.72%	14.984%
43	34.966	5425	5427	5431	VV	4	7484	127444	0.23%	0.043%
44	34.995	5431	5432	5443	VV	6	5706	173010	0.31%	0.059%
45	37.869	5915	5921	5924	PV	2	1480	23333	0.04%	0.008%

Sum of corrected areas: 293751791

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020415\08064.D
 Operator : Nefliu
 Acquired : 16 Apr 2002 3:10 am using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 21
 Quant File :041202SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08064.D
Acq On : 16 Apr 2002 3:10 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

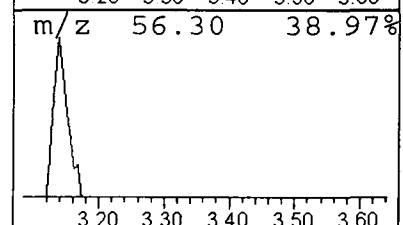
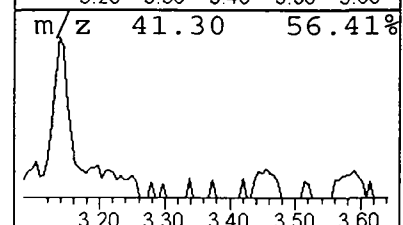
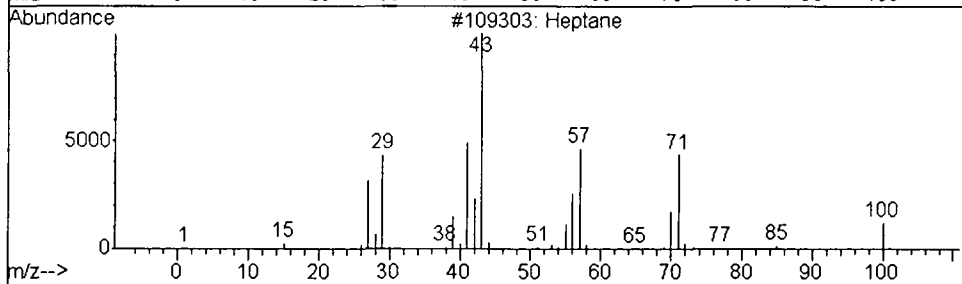
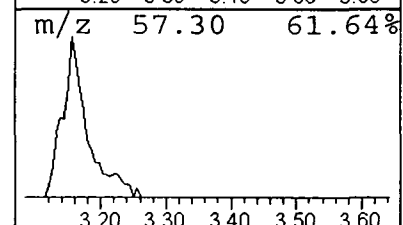
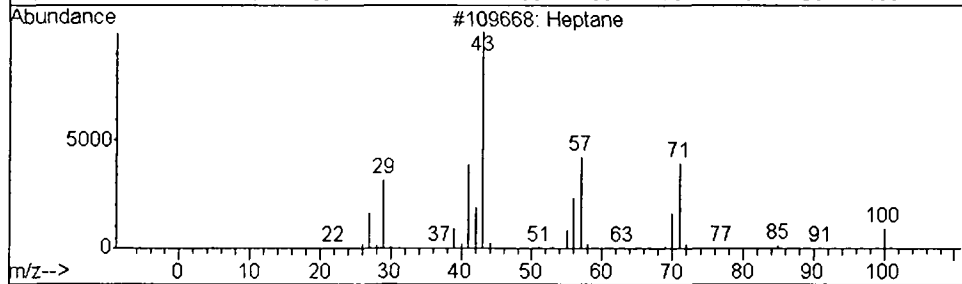
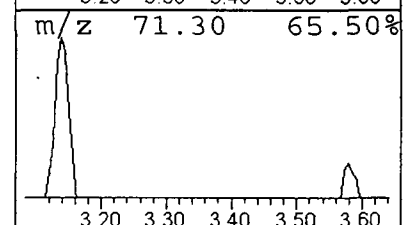
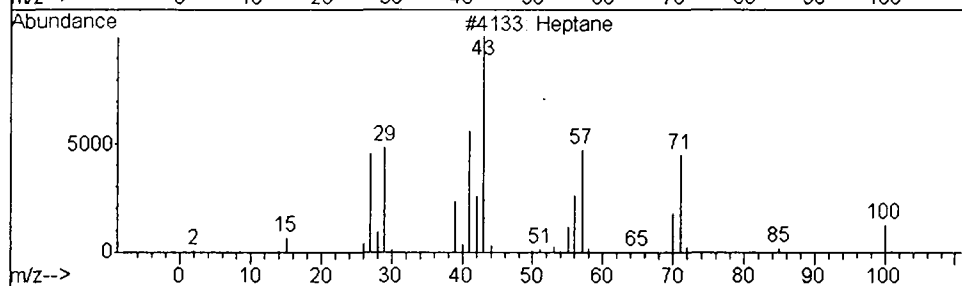
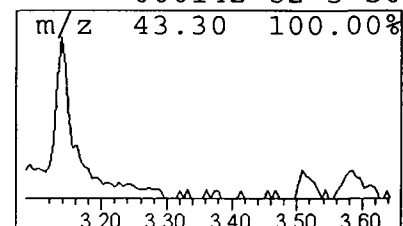
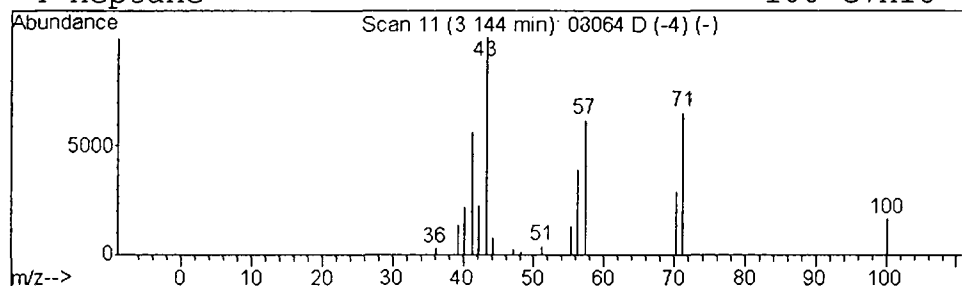
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 Heptane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	0.28 ug/L	242464	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	59
2	Heptane			100	C7H16	000142-82-5	58
3	Heptane			100	C7H16	000142-82-5	53
4	Heptane			100	C7H16	000142-82-5	50



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08064.D
Acq On : 16 Apr 2002 3:10 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

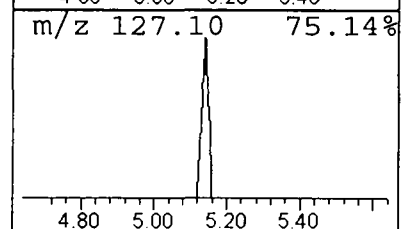
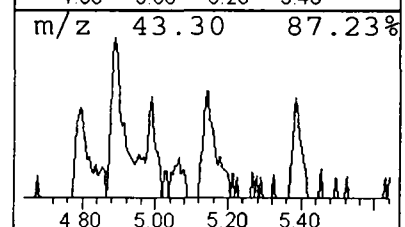
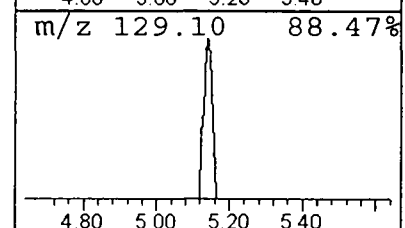
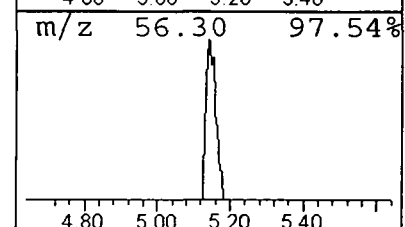
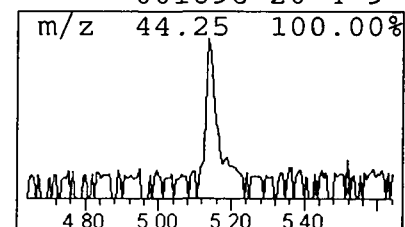
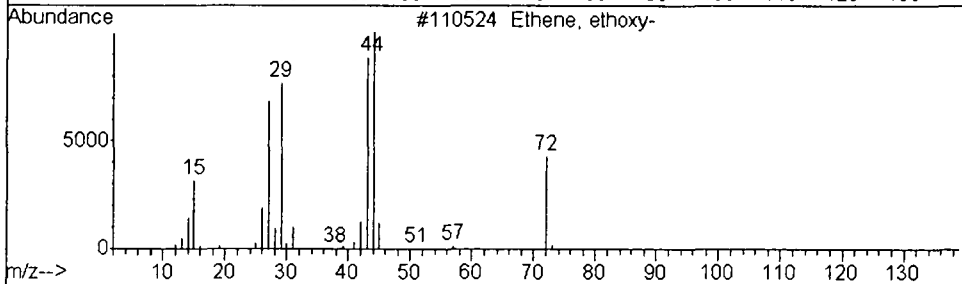
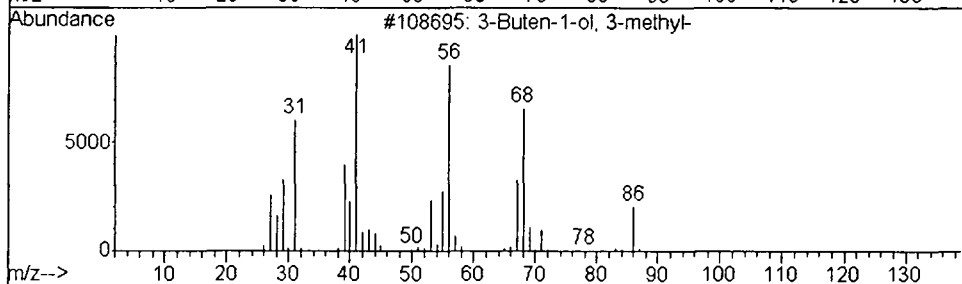
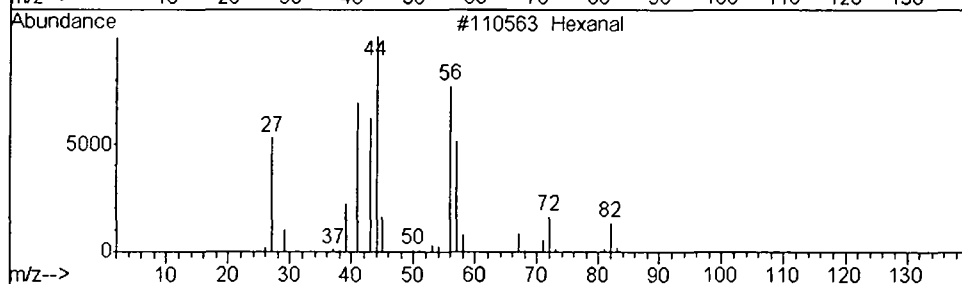
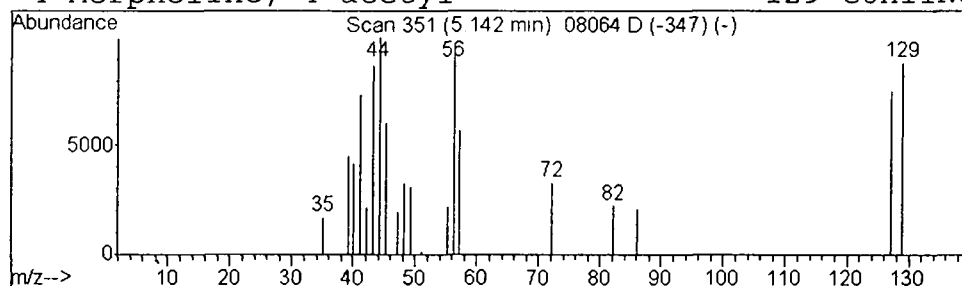
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	0.21 ug/L	175659	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal	100	C6H12O	000066-25-1	10
2			3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	9
3			Ethene, ethoxy-	72	C4H8O	000109-92-2	9
4			Morpholine, 4-acetyl-	129	C6H11NO2	001696-20-4	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08064.D
 Acq On : 16 Apr 2002 3:10 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

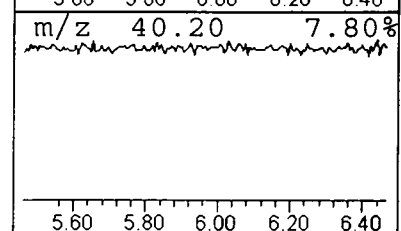
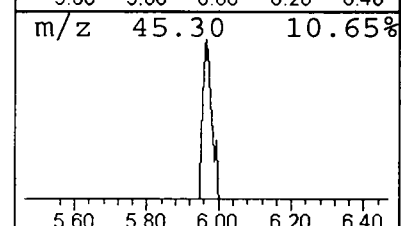
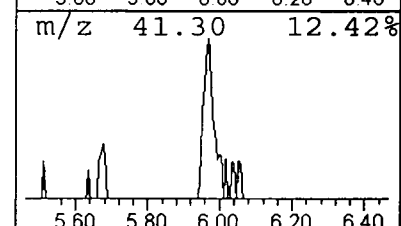
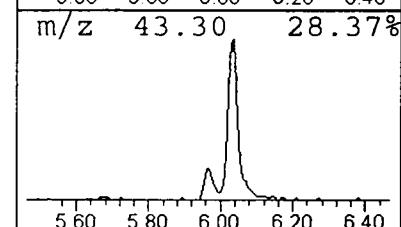
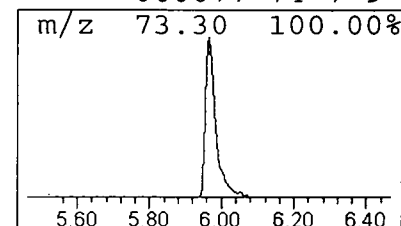
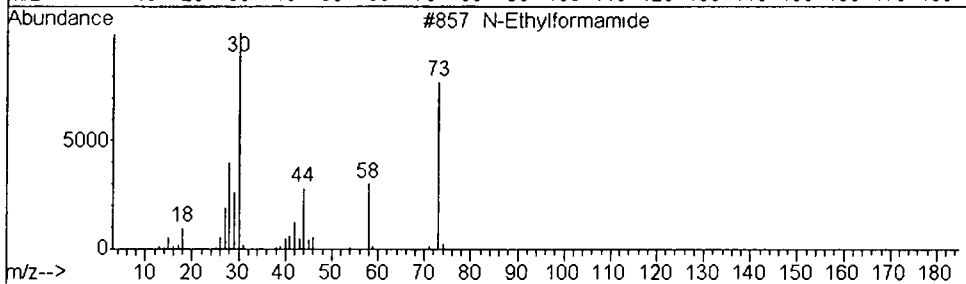
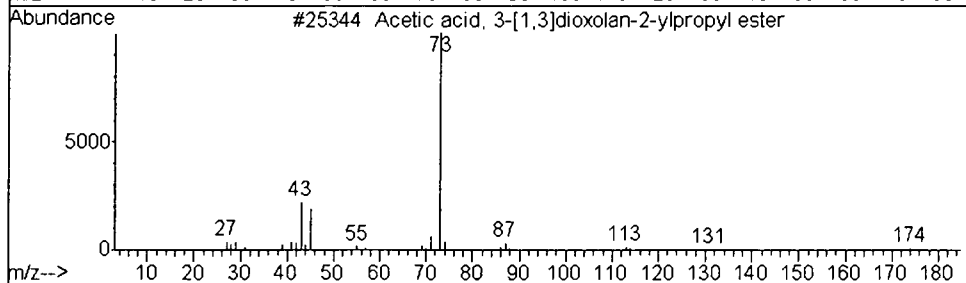
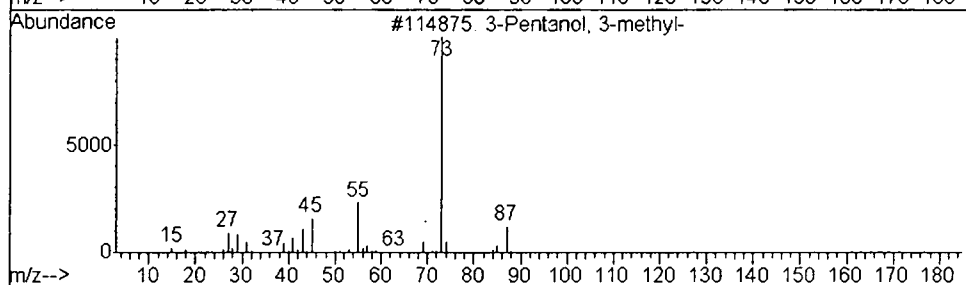
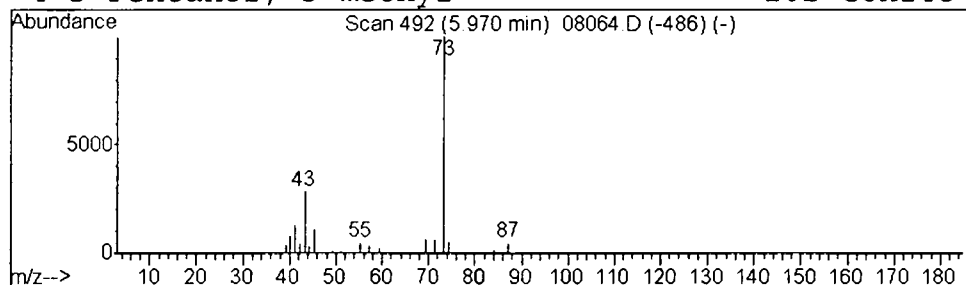
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 3-Pentanol, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	0.33 ug/L	281383	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	28
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

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Acq On : 16 Apr 2002 3:10 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

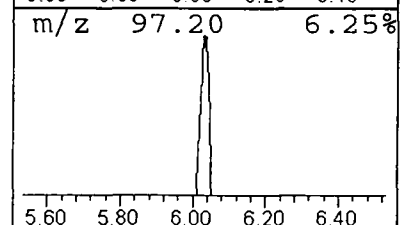
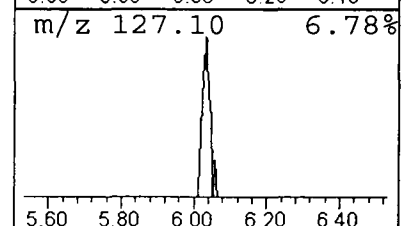
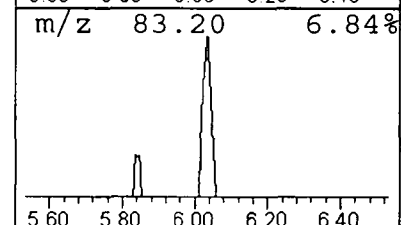
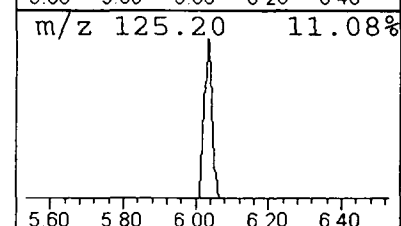
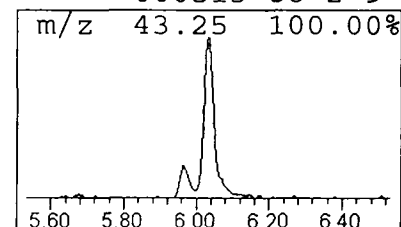
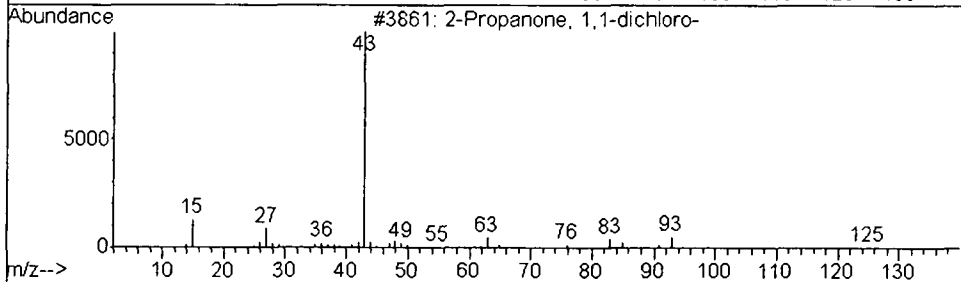
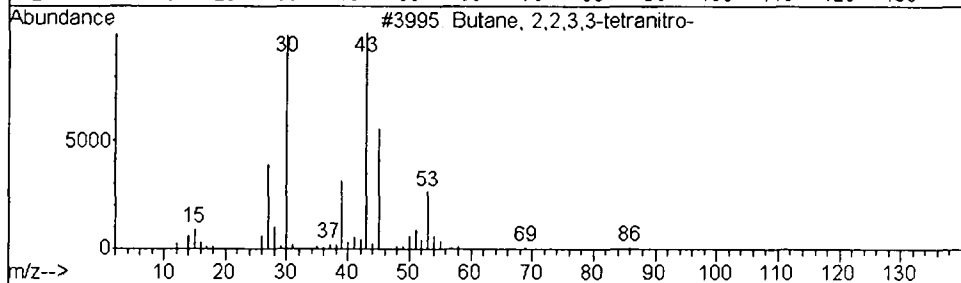
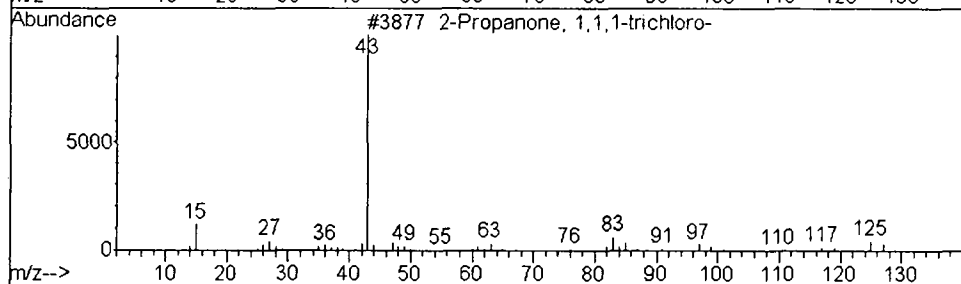
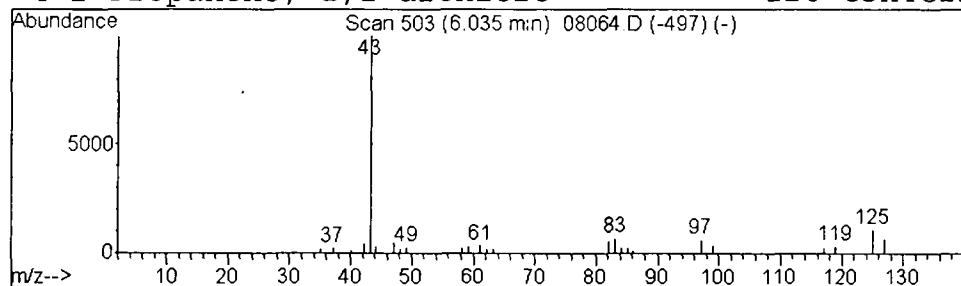
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	0.50 ug/L	428273	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	45
2			Butane, 2,2,3,3-tetranitro-	238	C4H6N4O8	020919-97-5	16
3			2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	12
4			2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08064.D
Acq On : 16 Apr 2002 3:10 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

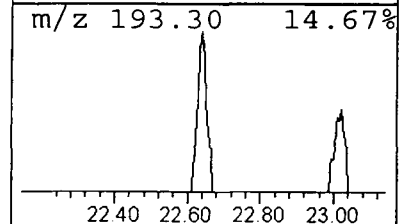
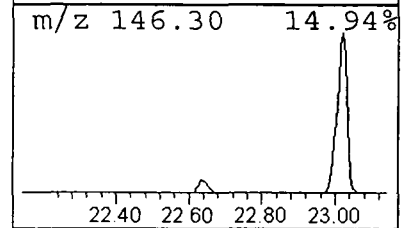
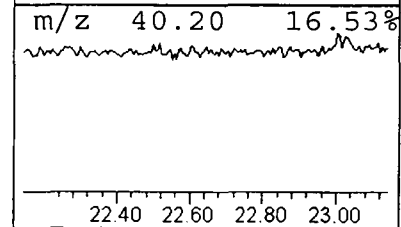
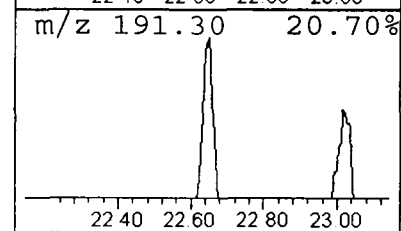
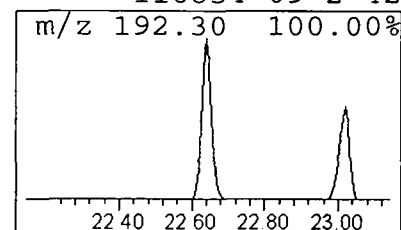
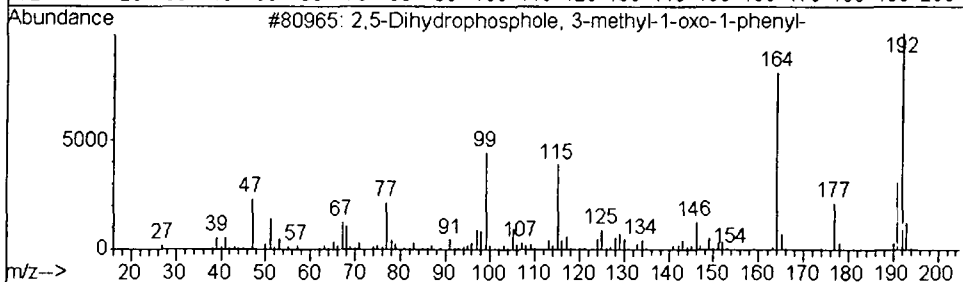
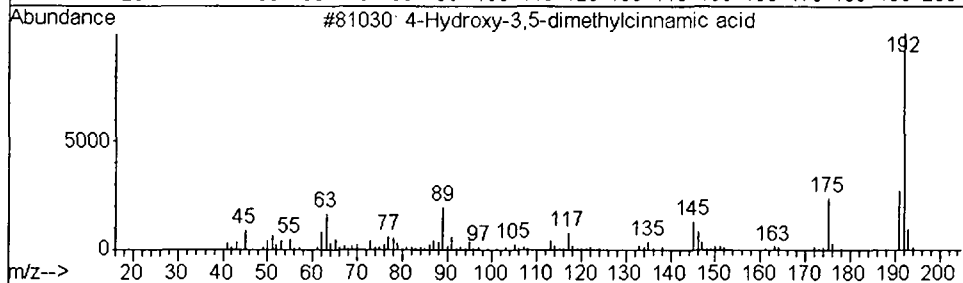
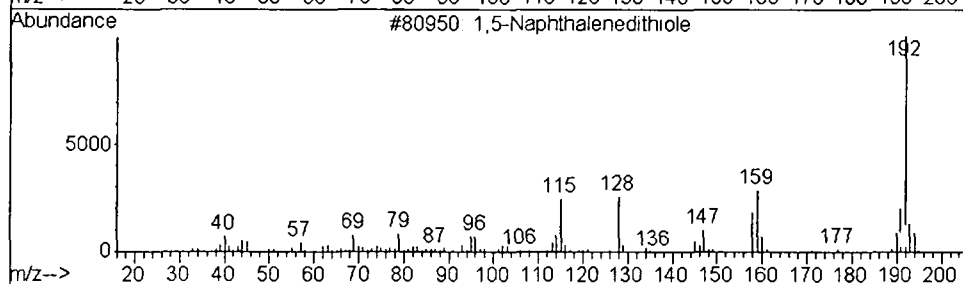
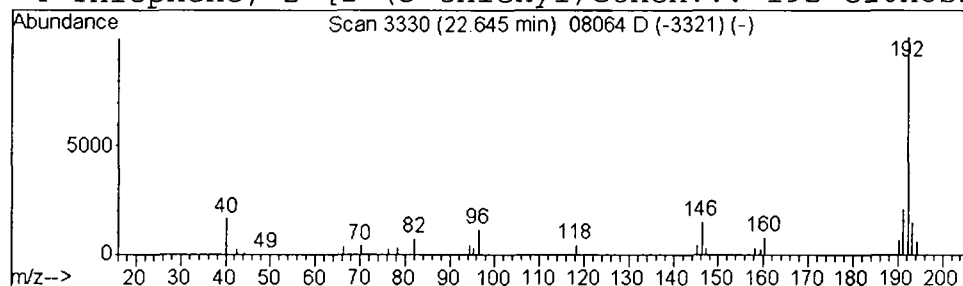
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 1,5-Naphthalenedithiolo Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.22 ug/L	308343	Phenanthranene-d10	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Naphthalenedithiolo	192	C10H8S2	1000223-69-5	64
2			4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	59
3			2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
4			Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	42



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08064.D
 Acq On : 16 Apr 2002 3:10 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

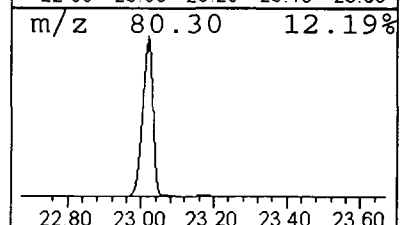
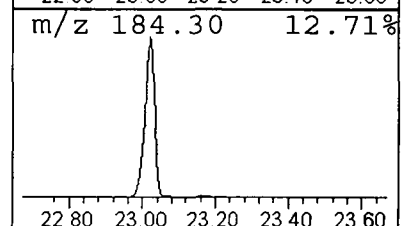
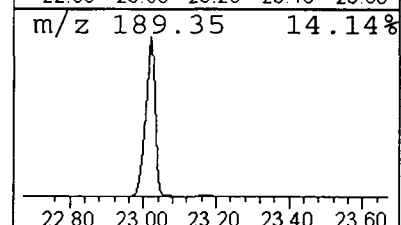
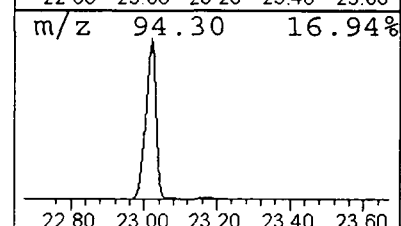
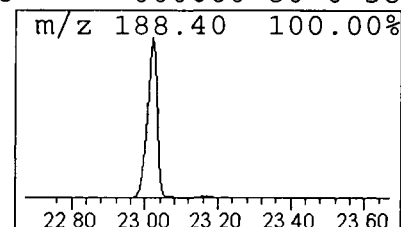
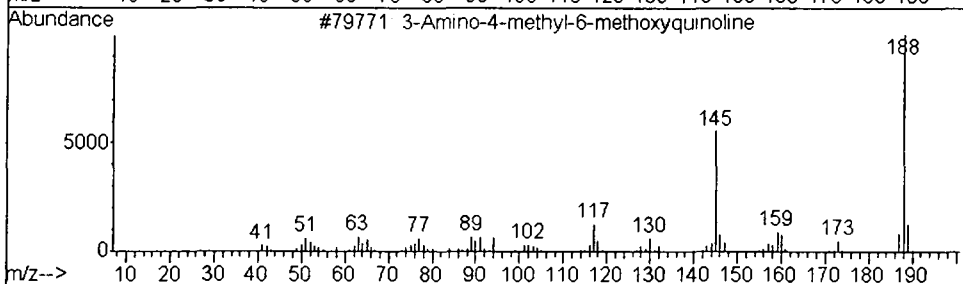
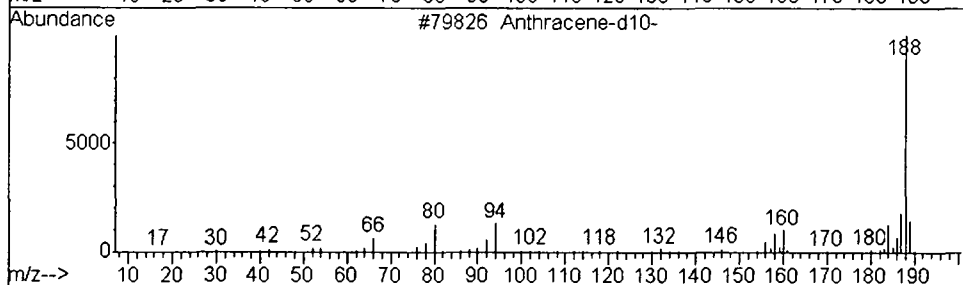
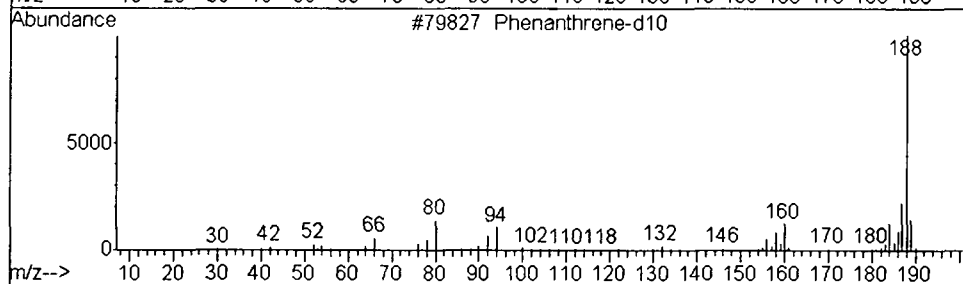
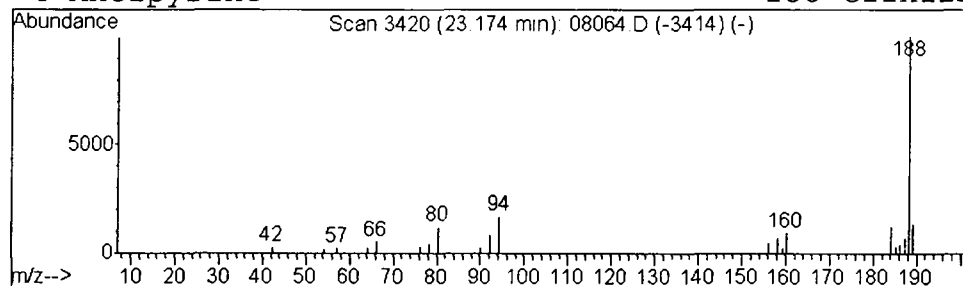
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 6 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	0.47 ug/L	645195	Phenanthranene-d10	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene-d10	188	C14D10	001517-22-2	93
2			Anthracene-d10-	188	C14D10	001719-06-8	93
3			3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40
4			Antipyrine	188	C11H12N2O	000060-80-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 Apr 2002 3:10 am
Data File: C:\MSDCHEM\1\DATA\020415\08064.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
✓ Heptane	3.14	0.3	ug/L	242464	1	9.99	34106200	40.0
Hexanal	5.14	0.2	ug/L	175659	1	9.99	34106200	40.0
3-Pentanol, 3-met...	5.97	0.3	ug/L	281383	1	9.99	34106200	40.0
2-Propanone, 1,1,...	6.04	0.5	ug/L	428273	1	9.99	34106200	40.0
1,5-Naphthalenedi...	22.64	0.2	ug/L	308343	4	23.02	55211300	40.0
✓ Phenanthrene-d10	23.18	0.5	ug/L	645195	4	23.02	55211300	40.0