

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 16:02:24

Sample: AE08065
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 16:02 Ended: 4/18/2002 16:02 Analyst: DLV
 Page: 1

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

Comments for Sample AE08065 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 16:02:35

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\08065.D Vial: 22
 Acq On : 16 Apr 2002 3:59 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: EVENTS.E
 Quant Time: Apr 16 13:54:01 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	5979825	40.00	ug/L	0.00
10) Napthalene-d8	13.49	136	22618633	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.63	164	13537881	40.00	ug/L	0.00
29) Phenanthranene-d10	23.02	188	20951790	40.00	ug/L	0.00
37) Chrysene-d12	30.89	240	16367304	40.00	ug/L	-0.02
43) Perylene-d12	34.79	264	10838546	40.00	ug/L	-0.01

System Monitoring Compounds

27) TCMX	20.60	207	468996	6.25	ug/L	0.00
Spiked Amount	8.000		Recovery	=	78.13%	

Target Compounds Qvalue

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\08065.D

Acq On : 16 Apr 2002 3:59 am

Sample : sample

Misc :

MS Integration Params: EVENTS.E

Quant Time: Apr 16 13:54 2002

Vial: 22

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

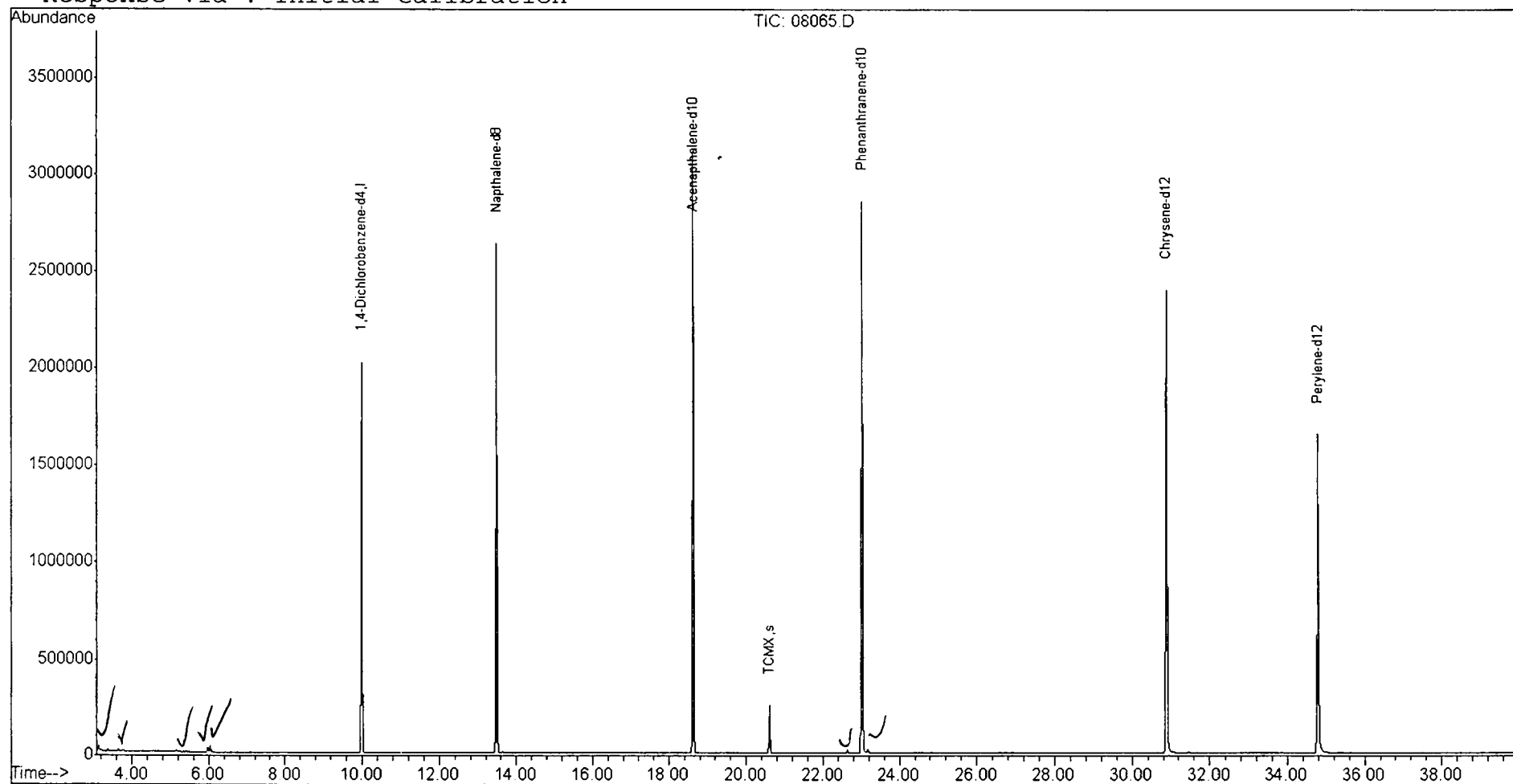
Quant Results File: 041202SCAN.RES

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\08065.D
 Acq On : 16 Apr 2002 3:59 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

Signal : TIC

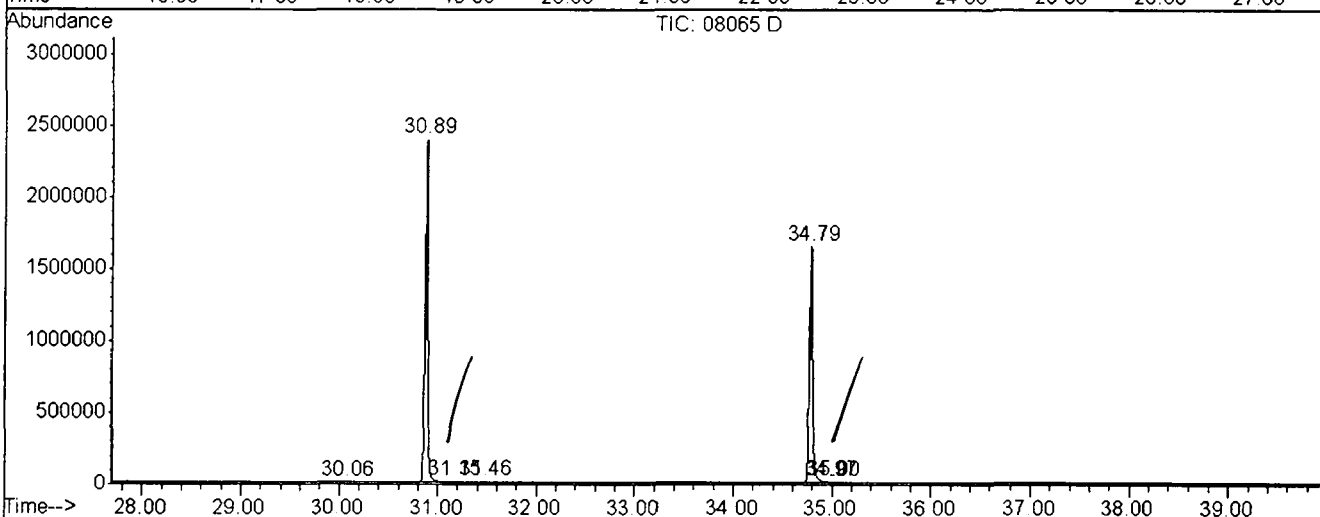
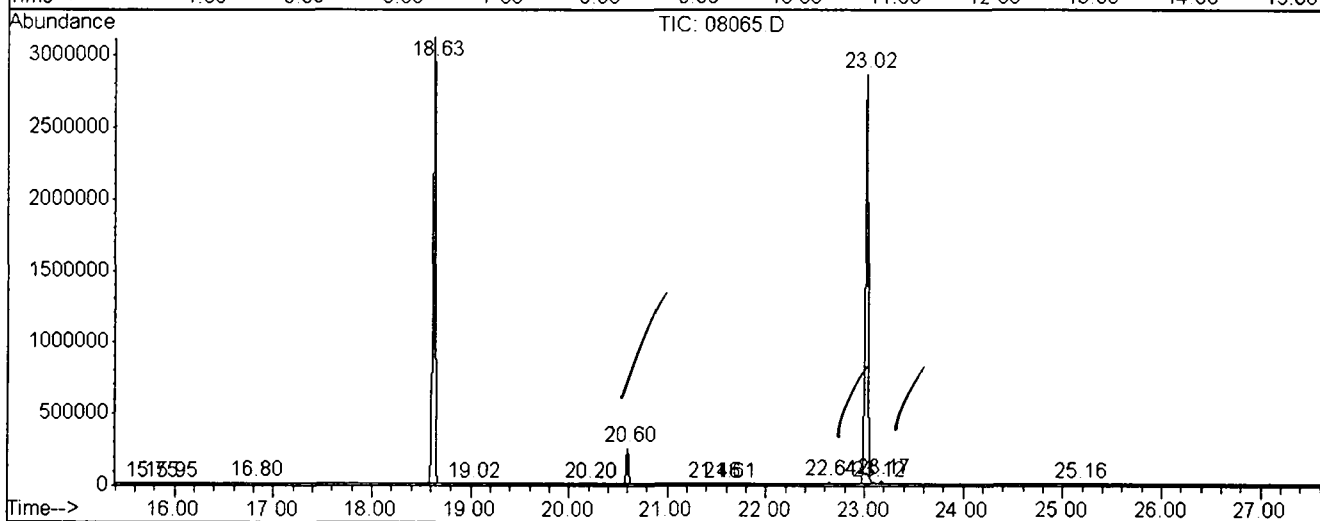
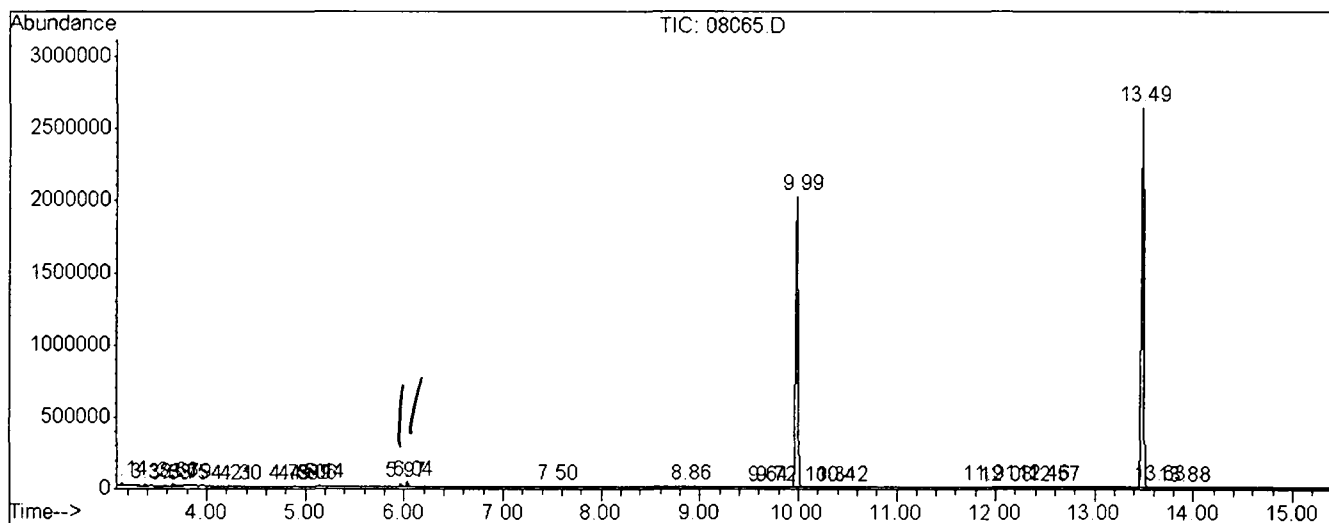
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.138	3	10	32	BV 3	24007	458780	0.84%	0.162%
2	3.379	35	51	57	PV	10231	158747	0.29%	0.056%
3	3.579	77	85	92	PV 7	2988	50739	0.09%	0.018%
4	3.655	92	98	106	PV	15543	247276	0.46%	0.087%
5	3.749	106	114	117	VV 6	3643	66704	0.12%	0.024%
6	3.784	117	120	127	VV 2	5280	77760	0.14%	0.027%
7	4.207	186	192	205	PV 7	2271	77757	0.14%	0.027%
8	4.295	205	207	219	PV 5	2665	68793	0.13%	0.024%
9	4.789	283	291	296	VV 6	3431	72117	0.13%	0.025%
10	4.883	304	307	314	VV 5	4477	88021	0.16%	0.031%
11	4.995	321	326	329	VV 5	2077	34519	0.06%	0.012%
12	5.059	333	337	346	PV 7	2466	57225	0.11%	0.020%
13	5.142	346	351	358	VV 4	10394	198774	0.37%	0.070%
14	5.964	486	491	498	PV	20674	361836	0.67%	0.128%
15	6.035	498	503	515	VV	31397	558133	1.03%	0.197%
16	7.498	748	752	754	PV 3	1783	20912	0.04%	0.007%
17	8.861	965	984	989	VV 6	3030	69583	0.13%	0.025%
18	9.636	1112	1116	1122	PV 5	2147	41770	0.08%	0.015%
19	9.719	1125	1130	1138	PV 5	1932	42954	0.08%	0.015%
20	9.989	1162	1176	1188	PV	2013457	33984244	62.59%	11.994%
21	10.312	1224	1231	1241	VV 5	1889	38737	0.07%	0.014%
22	10.424	1247	1250	1254	VV 3	1845	25394	0.05%	0.009%
23	11.910	1490	1503	1507	VV 3	3450	80142	0.15%	0.028%
24	12.081	1526	1532	1536	PV 3	2330	48461	0.09%	0.017%
25	12.457	1589	1596	1610	VV 3	4710	101812	0.19%	0.036%
26	12.568	1610	1615	1622	VV 4	2497	53418	0.10%	0.019%
27	13.485	1761	1771	1787	PV	2579816	45440424	83.69%	16.038%
28	13.638	1791	1797	1805	VV	6933	128163	0.24%	0.045%
29	13.879	1831	1838	1844	VV 7	2674	55861	0.10%	0.020%
30	15.753	2153	2157	2163	VV 3	2376	40077	0.07%	0.014%
31	15.953	2184	2191	2197	PV 3	1842	32902	0.06%	0.012%
32	16.799	2330	2335	2344	VV 3	3307	61158	0.11%	0.022%
33	18.632	2634	2647	2667	PV	3043396	54295255	100.00%	19.163%
34	19.020	2703	2713	2723	PV 4	1550	43573	0.08%	0.015%
35	20.201	2911	2914	2924	VV 2	1732	35192	0.06%	0.012%
36	20.600	2972	2982	2993	PV	249161	4341738	8.00%	1.532%
37	21.458	3124	3128	3137	VV 3	2005	29214	0.05%	0.010%

38	21.611	3144	3154	3159	PV	4	1600	33458	0.06%	0.012%
39	22.645	3322	3330	3340	VV	3	17057	331691	0.61%	0.117%
40	23.027	3379	3395	3410	PV	2	2817677	54257546	99.93%	19.149%
41	23.127	3410	3412	3414	VV	3	4367	46303	0.09%	0.016%
42	23.174	3414	3420	3426	VV		19304	380875	0.70%	0.134%
43	25.154	3752	3757	3762	PV	2	2603	46936	0.09%	0.017%
44	30.060	4585	4592	4596	VV	3	1810	44264	0.08%	0.016%
45	30.888	4719	4733	4773	PV		2391713	48914382	90.09%	17.264%
46	31.153	4773	4778	4782	VV	5	2745	68638	0.13%	0.024%
47	31.464	4824	4831	4837	VV	5	6515	170923	0.31%	0.060%
48	34.790	5385	5397	5426	PV	2	1643756	37354354	68.80%	13.184%
49	34.966	5426	5427	5432	VV	3	4531	61675	0.11%	0.022%
50	35.001	5432	5433	5440	VV	4	2668	39285	0.07%	0.014%

Sum of corrected areas: 283338496

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020415\08065.D
 Operator : Nefliu
 Acquired : 16 Apr 2002 3:59 am using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 22
 Quant File :041202SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08065.D
 Acq On : 16 Apr 2002 3:59 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

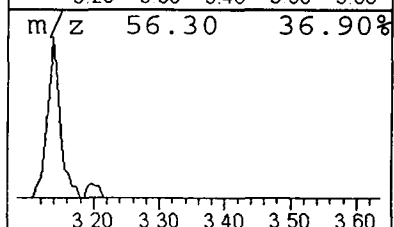
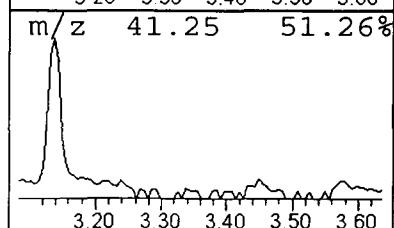
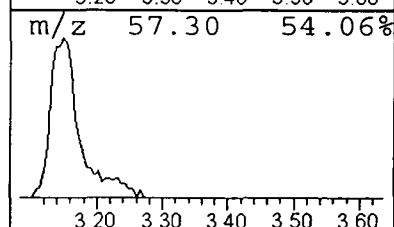
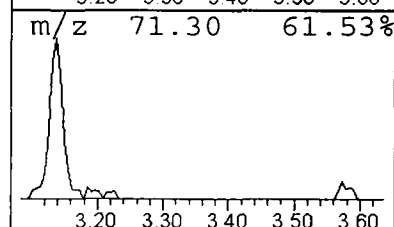
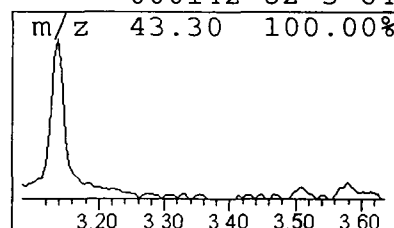
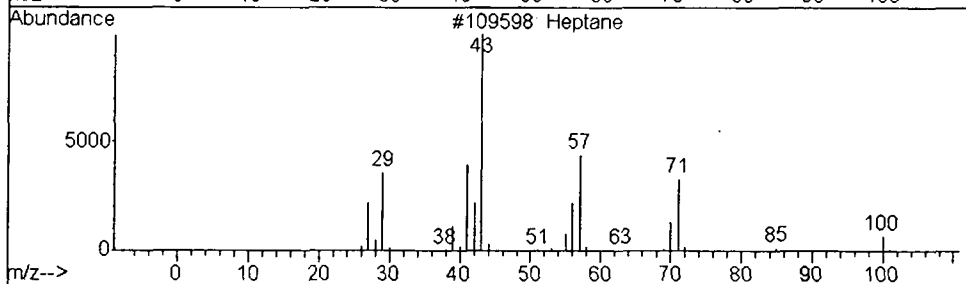
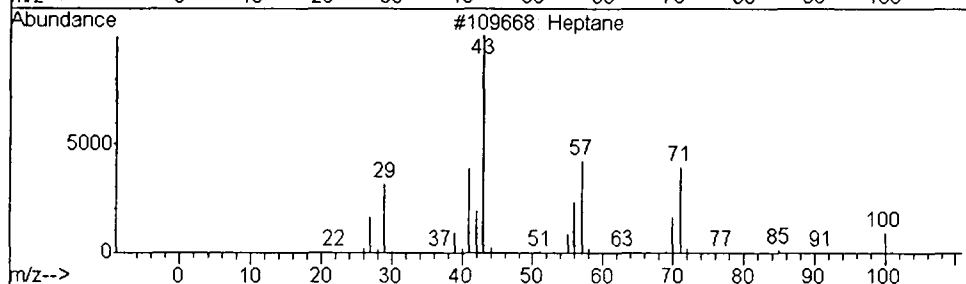
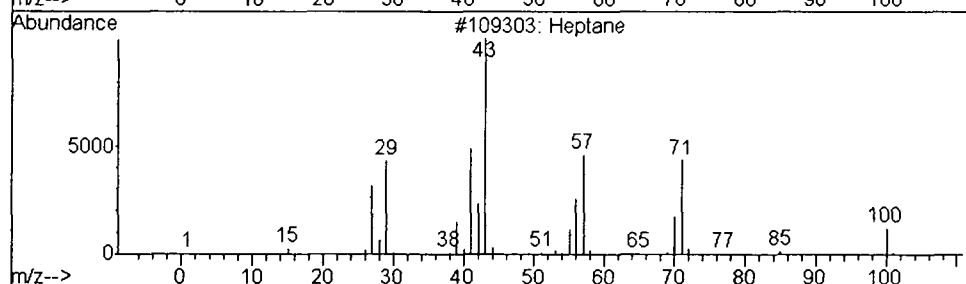
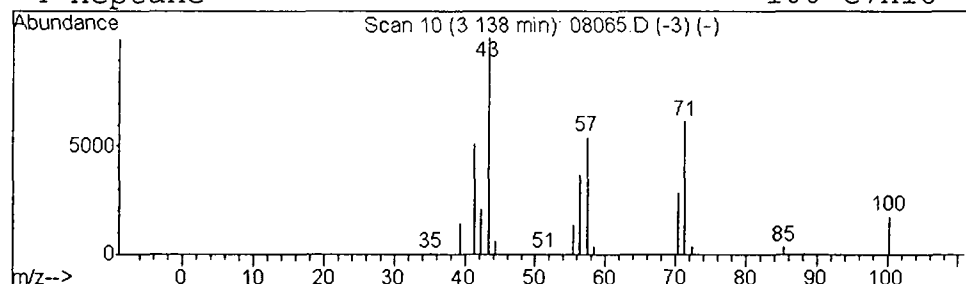
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	0.54 ug/L	458780	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	91
2	Heptane			100	C7H16	000142-82-5	91
3	Heptane			100	C7H16	000142-82-5	90
4	Heptane			100	C7H16	000142-82-5	64



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08065.D
 Acq On : 16 Apr 2002 3:59 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

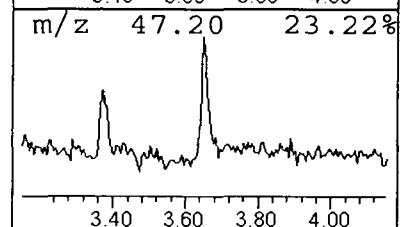
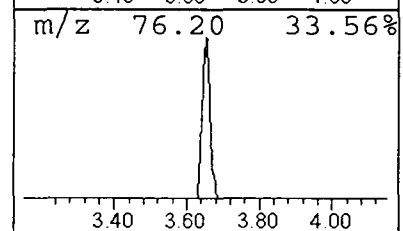
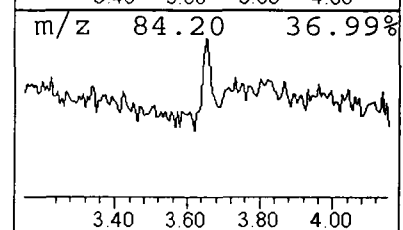
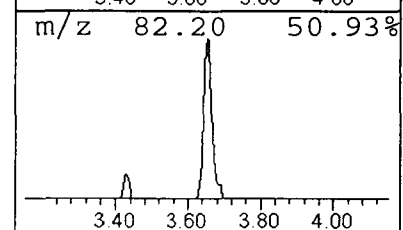
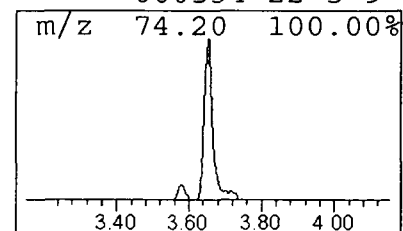
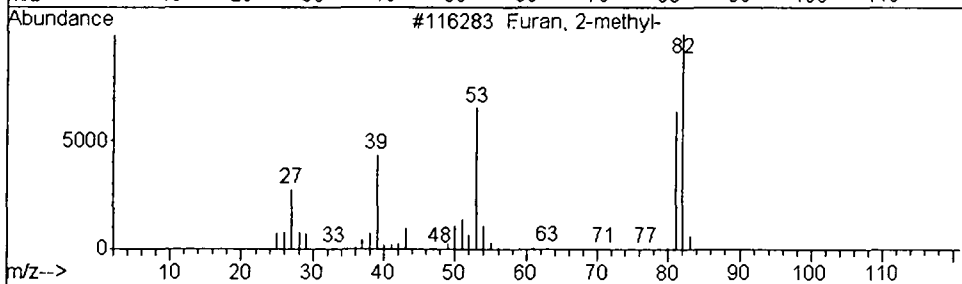
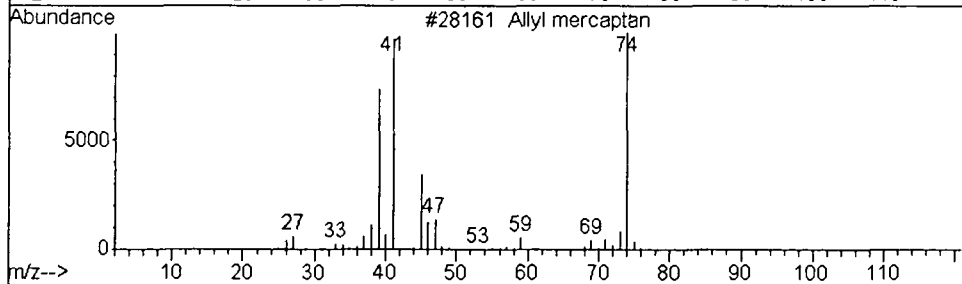
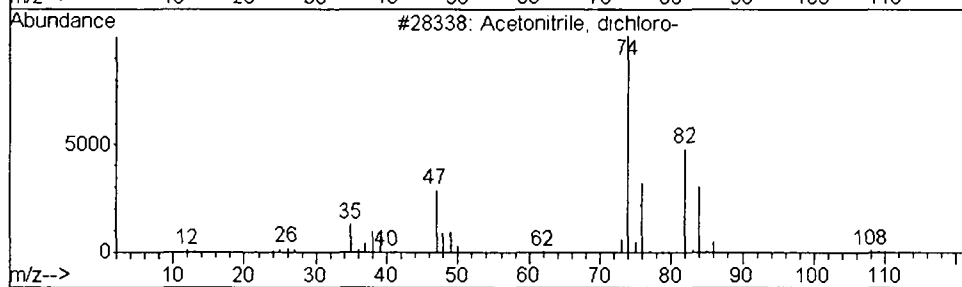
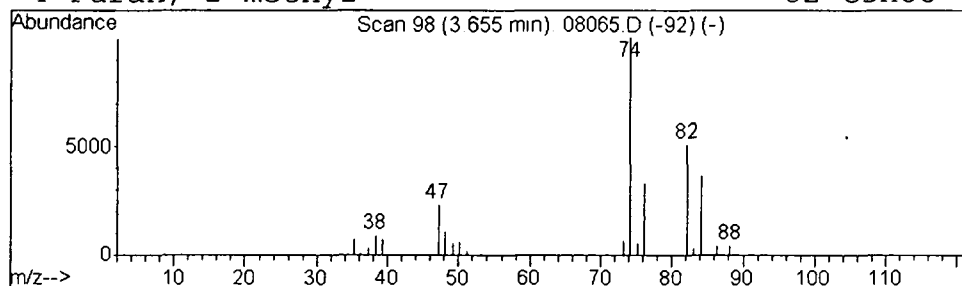
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	0.29 ug/L	247276	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2			Allyl mercaptan	74	C3H6S	000870-23-5	9
3			Furan, 2-methyl-	82	C5H6O	000534-22-5	9
4			Furan, 2-methyl-	82	C5H6O	000534-22-5	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08065.D
 Acq On : 16 Apr 2002 3:59 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

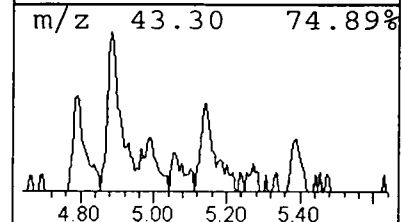
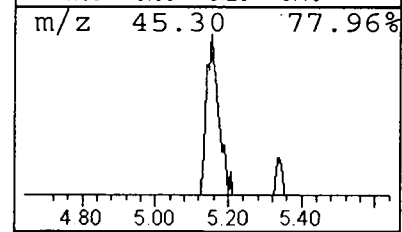
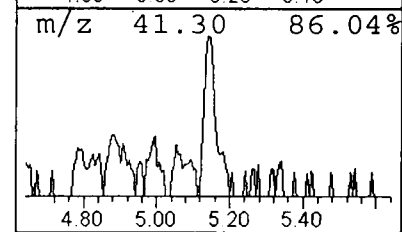
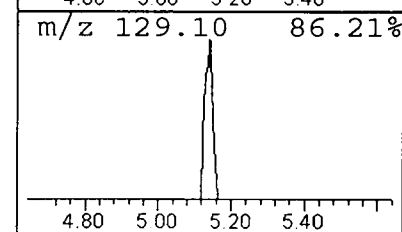
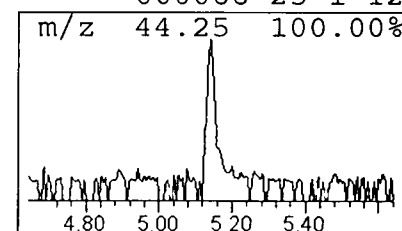
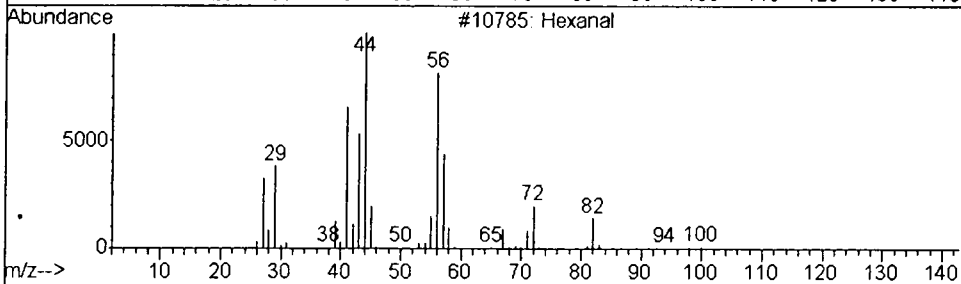
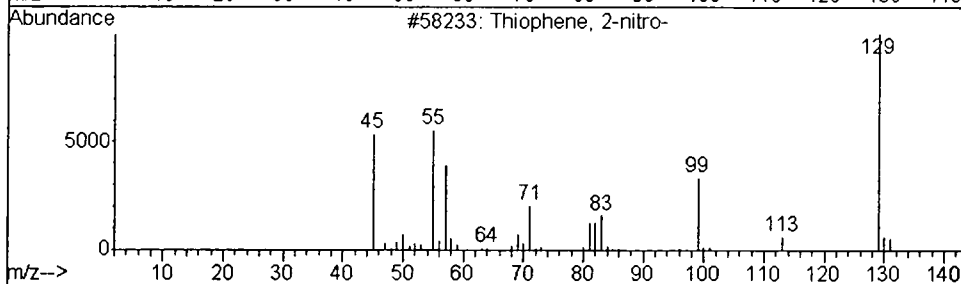
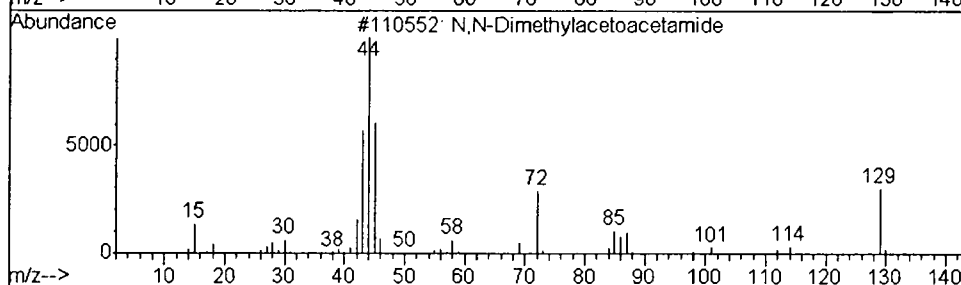
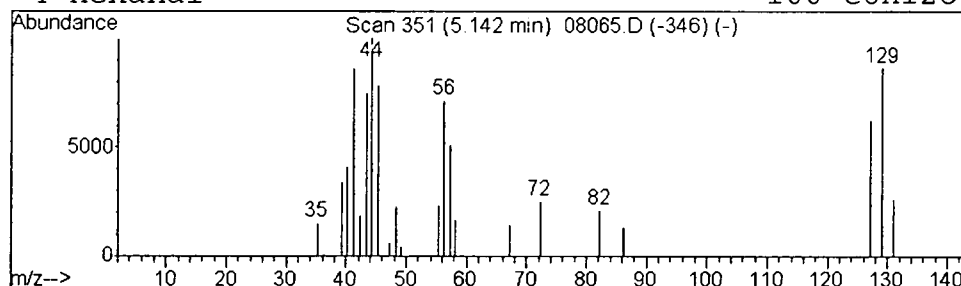
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 N,N-Dimethylacetoacetamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	0.23 ug/L	198774	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N,N-Dimethylacetoacetamide	129	C6H11NO2	002044-64-6	43
2			Thiophene, 2-nitro-	129	C4H3NO2S	000609-40-5	37
3			Hexanal	100	C6H12O	000066-25-1	22
4			Hexanal	100	C6H12O	000066-25-1	12



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08065.D
 Acq On : 16 Apr 2002 3:59 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

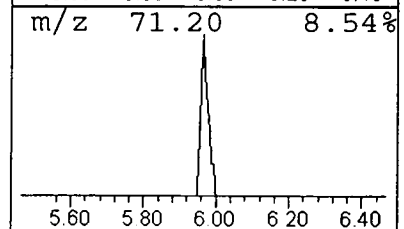
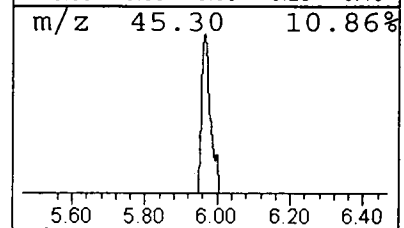
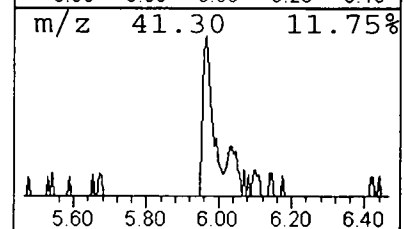
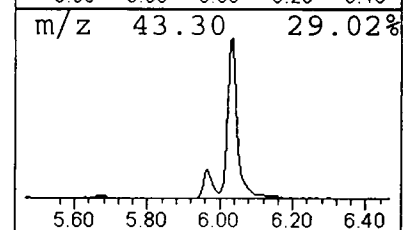
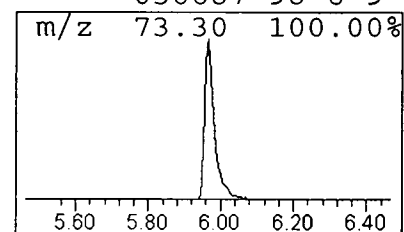
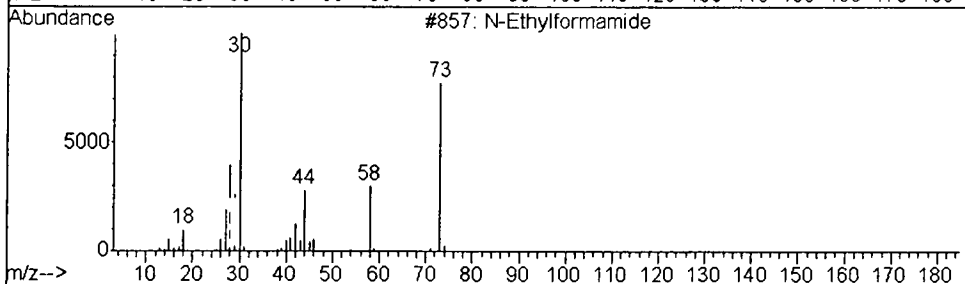
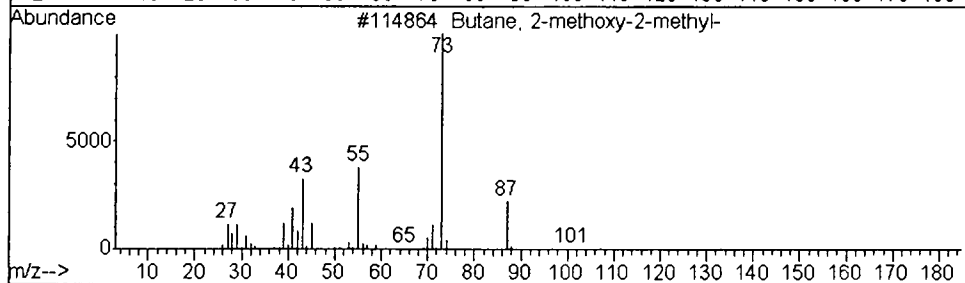
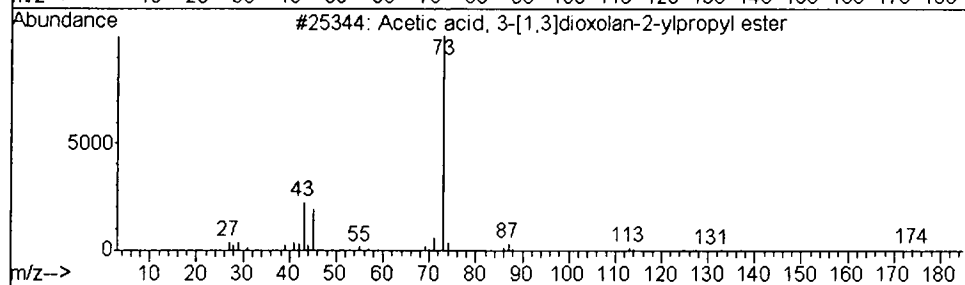
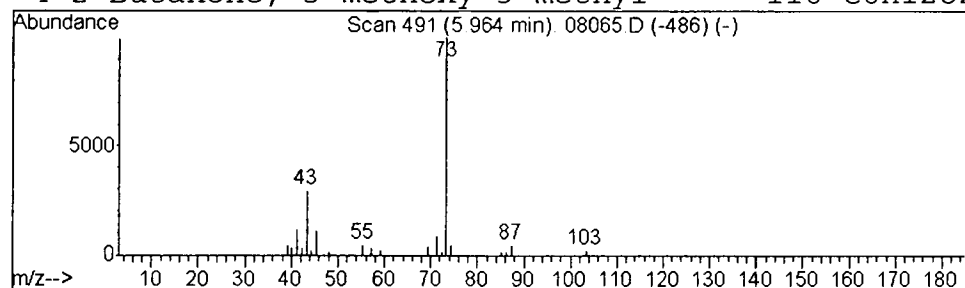
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Acetic acid, 3-[1,3]dioxola... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	0.43 ug/L	361836	1,4-Dichlorobenzene-d4	9.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	50	
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36	
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9	
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9	



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08065.D
Acq On : 16 Apr 2002 3:59 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

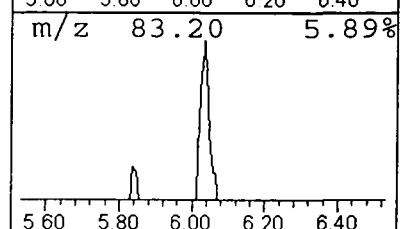
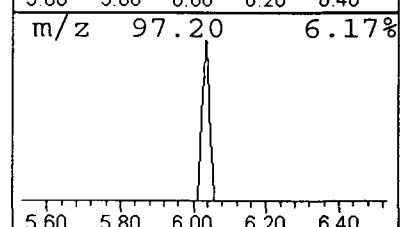
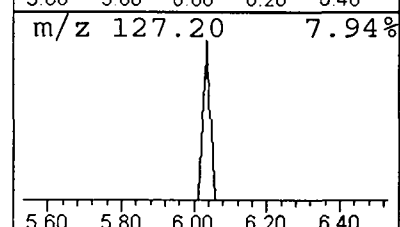
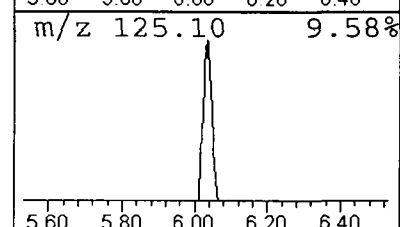
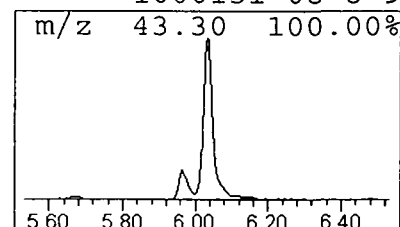
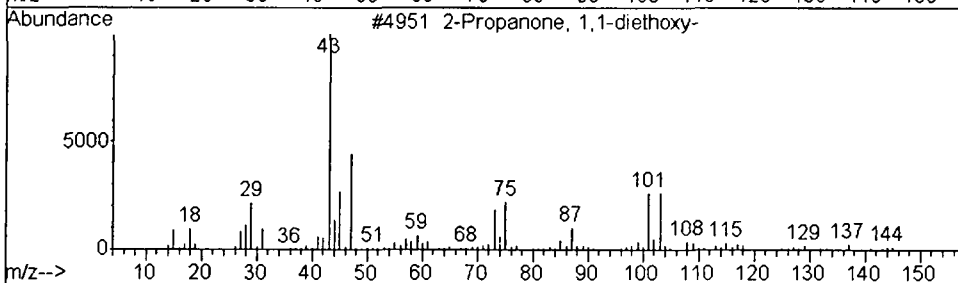
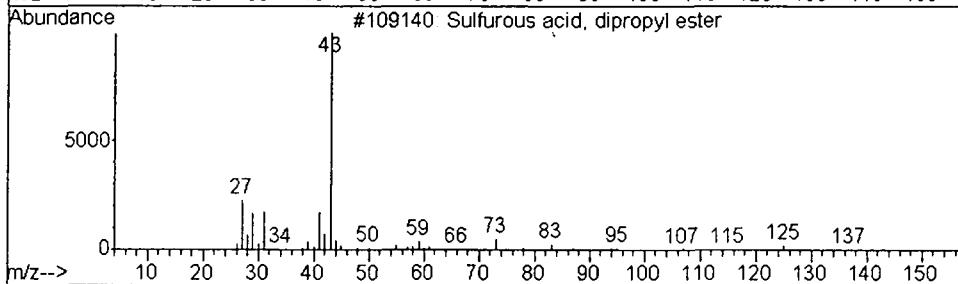
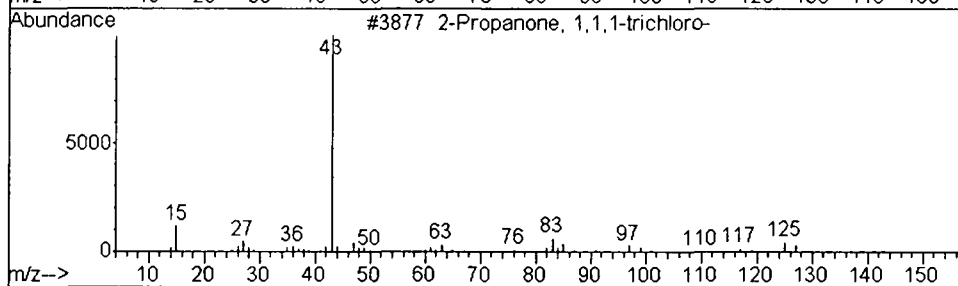
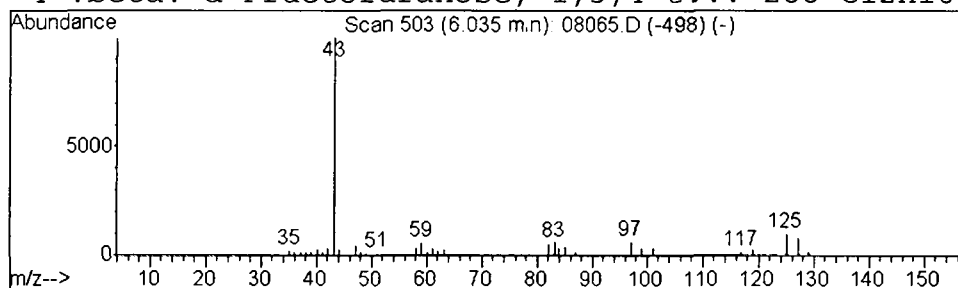
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 2-Propanone, 1,1,1-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	0.66 ug/L	558133	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			Sulfurous acid, dipropyl ester	166	C6H14O3S	000623-98-3	9
3			2-Propanone, 1,1-diethoxy-	146	C7H14O3	005774-26-5	9
4			.beta.-d-Fructofuranose, 1,3,4-t...	288	C12H16O8	1000151-08-8	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08065.D
Acq On : 16 Apr 2002 3:59 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

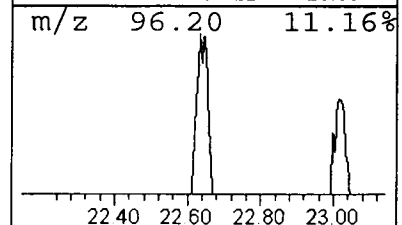
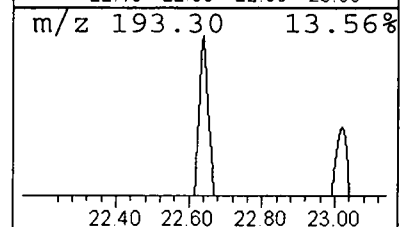
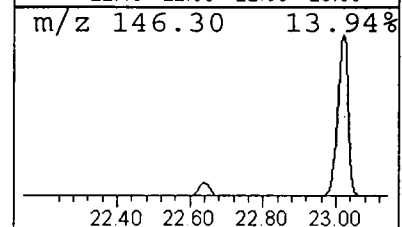
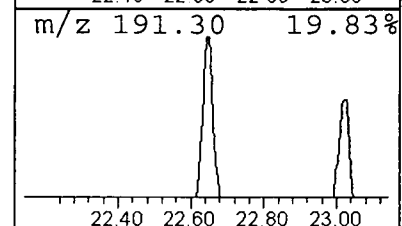
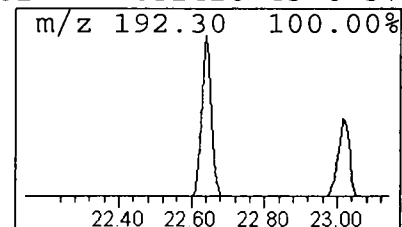
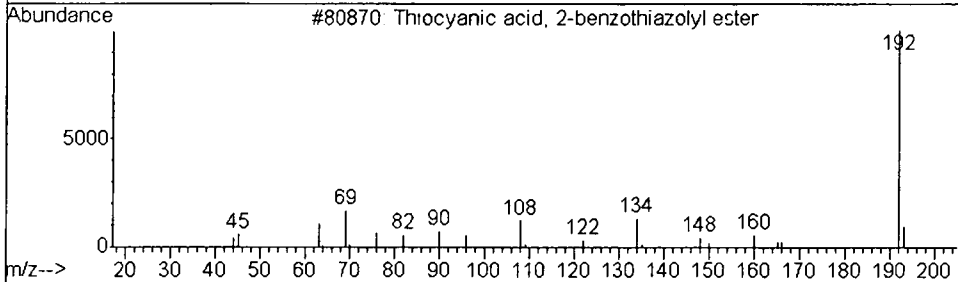
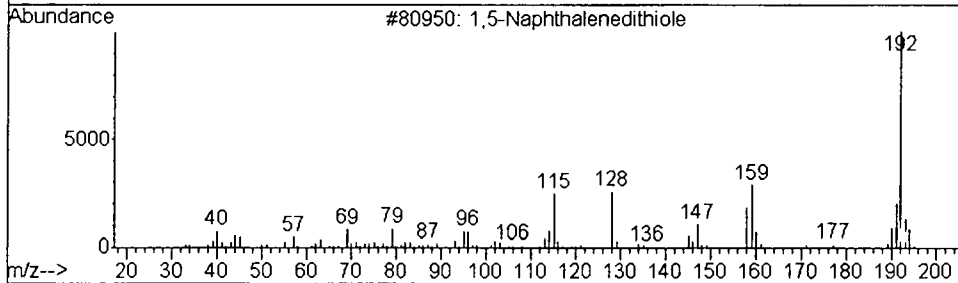
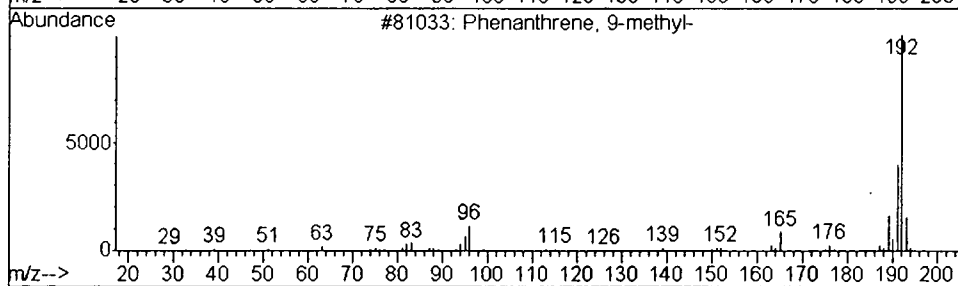
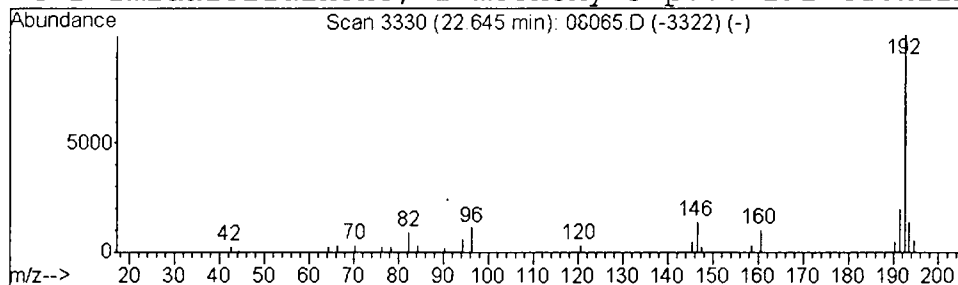
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.24 ug/L	331691	Phenanthranene-d10	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	45
3			Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	40
4			2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	37



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08065.D
 Acq On : 16 Apr 2002 3:59 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

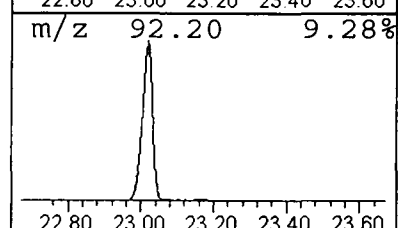
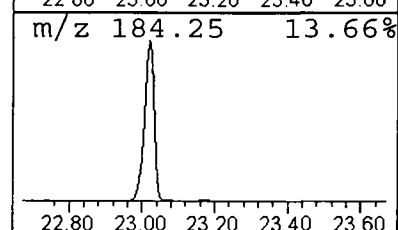
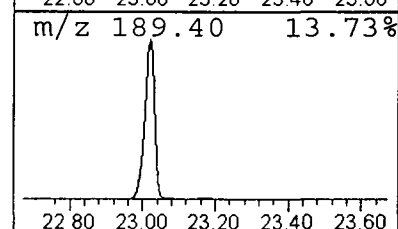
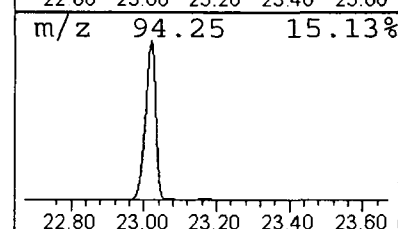
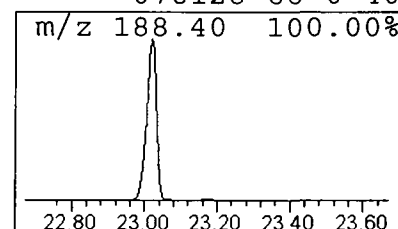
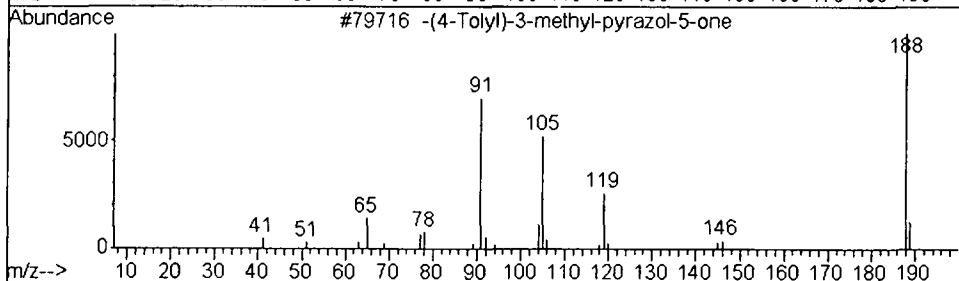
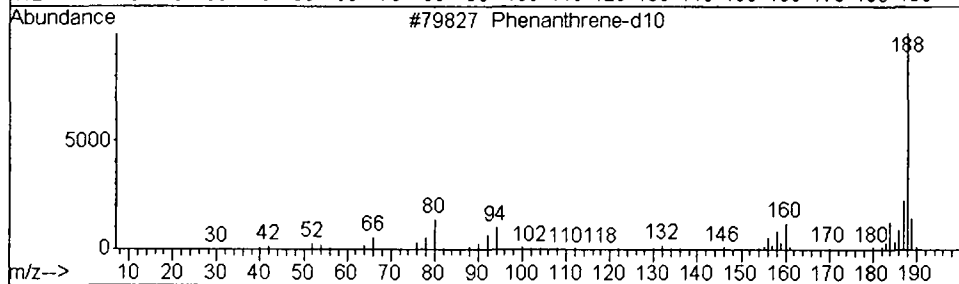
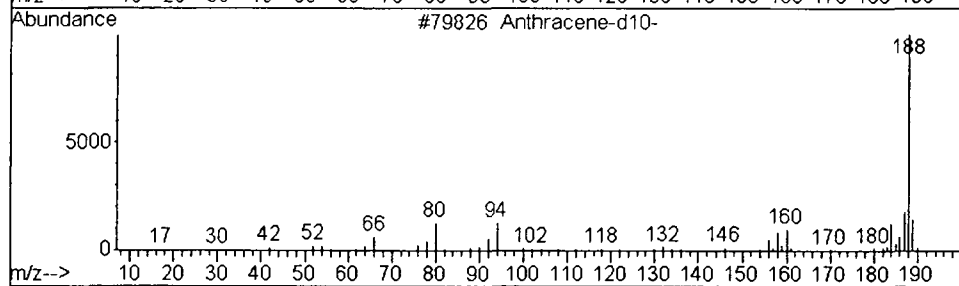
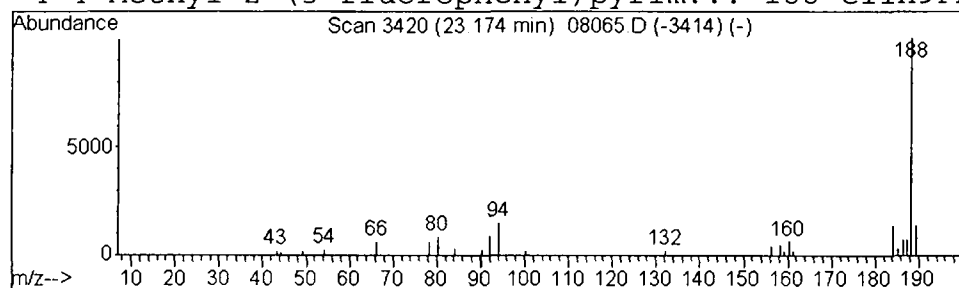
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 7 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	0.28 ug/L	380875	Phenanthranene-d10	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	90
2		Phenanthrene-d10	188	C14D10	001517-22-2	72
3		-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	42
4		4-Methyl-2-(3-fluorophenyl)pyrim...	188	C11H9FN2	076128-66-0	40



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 Apr 2002 3:59 am
 Data File: C:\MSDCHEM\1\DATA\020415\08065.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	0.5	ug/L	458780	1	9.99	33984200	40.0
✓ Acetonitrile, dic...	3.66	0.3	ug/L	247276	1	9.99	33984200	40.0
N,N-Dimethylaceto...	5.14	0.2	ug/L	198774	1	9.99	33984200	40.0
Acetic acid, 3-[1...	5.97	0.4	ug/L	361836	1	9.99	33984200	40.0
✓ 2-Propanone, 1,1,...	6.04	0.7	ug/L	558133	1	9.99	33984200	40.0
Phenanthrene, 9-m...	22.64	0.2	ug/L	331691	4	23.02	54257500	40.0
Anthracene-d10-	23.17	0.3	ug/L	380875	4	23.02	54257500	40.0
Phenanthrene-d10								