

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 15:36:16

Sample: AE07976
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 15:35 Ended: 4/18/2002 15:35 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	MDL ^o
1	Other unknown compounds		.	
2	Surr_2,4-DDD		81	5.0

Comments for Sample AE07976 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 15:36:23

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\07976.D Vial: 16
 Acq On : 15 Apr 2002 11:05 pm Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: EVENTS.E
 Quant Time: Apr 16 13:45:26 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	5492925	40.00	ug/L	0.00
10) Napthalene-d8	13.49	136	20807721	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.63	164	12293102	40.00	ug/L	-0.01
29) Phenanthranene-d10	23.02	188	18918940	40.00	ug/L	-0.01
37) Chrysene-d12	30.88	240	14573792	40.00	ug/L	-0.02
43) Perylene-d12	34.79	264	9782331	40.00	ug/L	-0.01
System Monitoring Compounds						
27) TCMX	20.60	207	440362	6.46	ug/L	0.00
Spiked Amount	8.000		Recovery	=	80.75%	
Target Compounds						
35) Di-n-butylphthalate	25.16	149	515110	0.93	ug/L	Qvalue 99

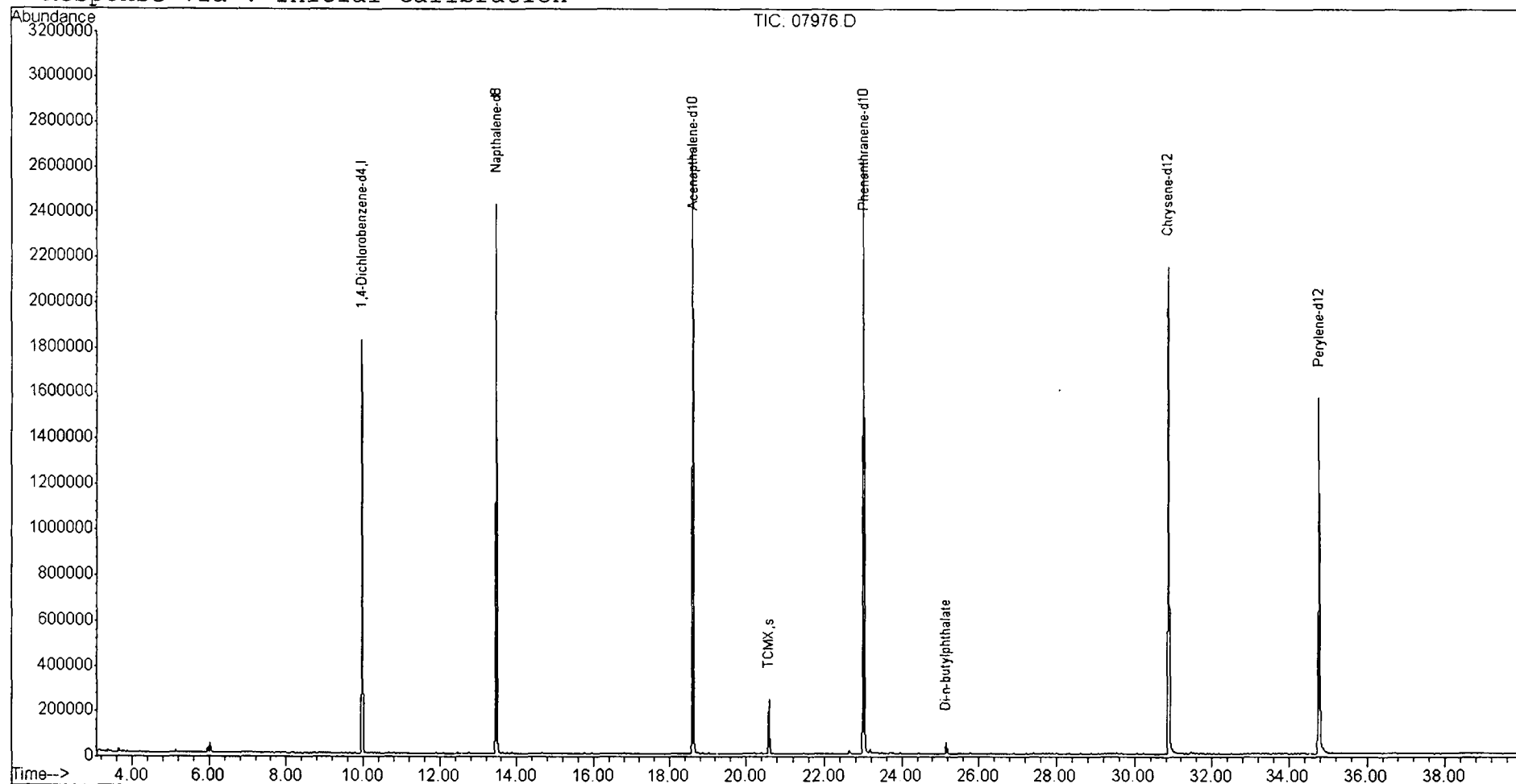
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\07976.D
Acq On : 15 Apr 2002 11:05 pm
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 16 13:45 2002

Vial: 16
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\07976.D
 Acq On : 15 Apr 2002 11:05 pm
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

Vial: 16
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

Signal : TIC

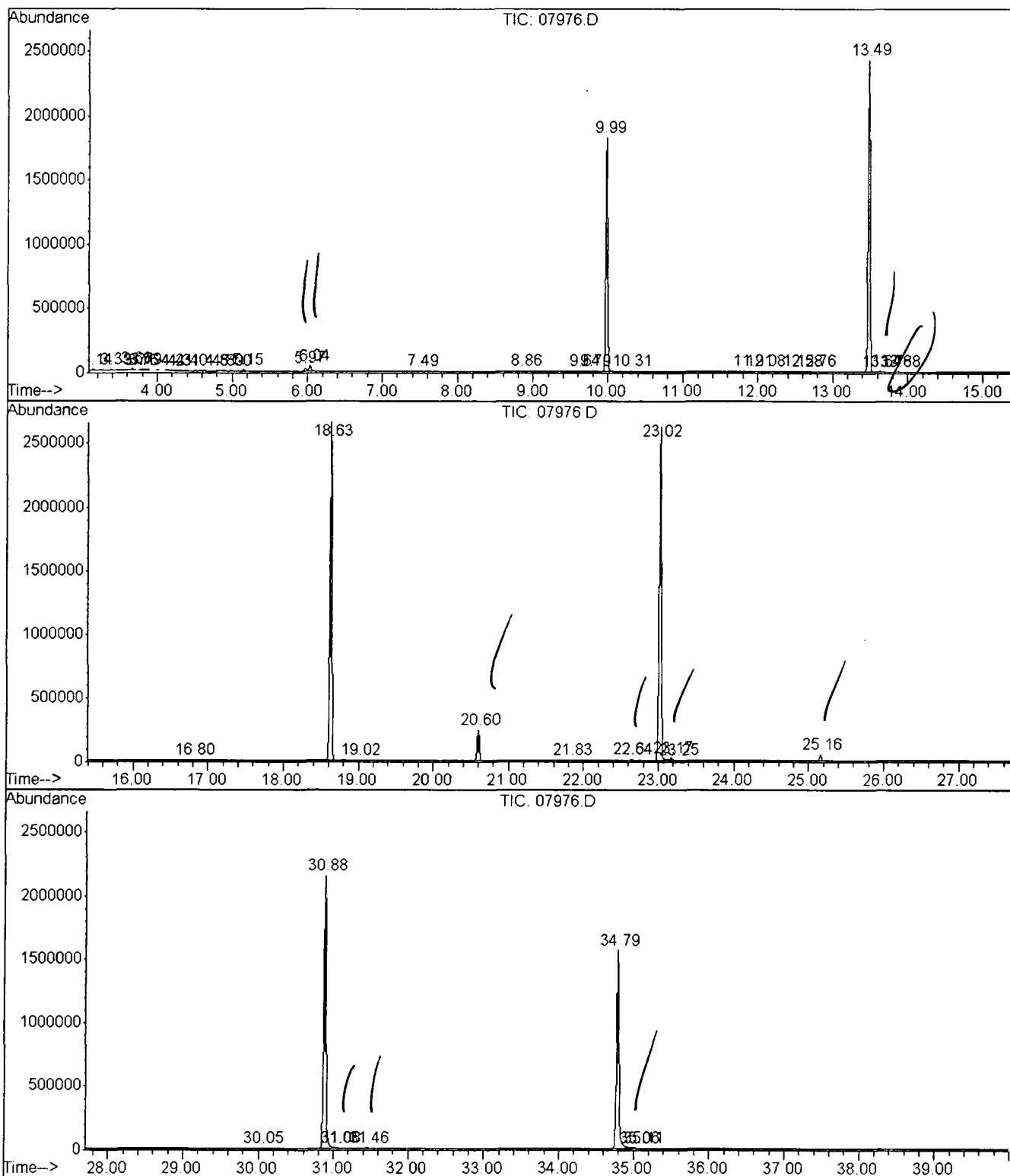
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1	3.144	4	11	21	BV 5	7150	165372	0.33%	0.064%
2	3.385	47	52	57	PV	9516	146536	0.30%	0.057%
3	3.667	95	100	106	PV	15919	249702	0.51%	0.096%
4	3.708	106	107	109	VV 2	2276	21757	0.04%	0.008%
5	3.755	109	115	118	VV 6	3141	72688	0.15%	0.028%
6	3.796	118	122	129	VV 2	6365	149442	0.30%	0.058%
7	4.213	190	193	197	VV 5	2025	36841	0.07%	0.014%
8	4.313	197	210	216	VV 6	2307	77949	0.16%	0.030%
9	4.401	216	225	228	PV 4	1723	30656	0.06%	0.012%
10	4.807	288	294	297	VV 6	1998	39116	0.08%	0.015%
11	4.889	302	308	316	VV 5	2933	76339	0.15%	0.029%
12	4.995	320	326	332	VV 5	2657	53919	0.11%	0.021%
13	5.147	347	352	369	VV 6	9002	200884	0.41%	0.078%
14	5.970	485	492	498	PV	21962	389109	0.79%	0.150%
15	6.035	498	503	513	VV 2	42573	850365	1.72%	0.328%
16	7.492	745	751	761	PV 3	2872	57740	0.12%	0.022%
17	8.855	972	983	992	BV 3	2803	60329	0.12%	0.023%
18	9.642	1105	1117	1126	VV 4	1944	60384	0.12%	0.023%
19	9.783	1137	1141	1144	PV 3	1645	25938	0.05%	0.010%
20	9.989	1166	1176	1196	VV	1819360	31337106	63.48%	12.097%
21	10.306	1211	1230	1236	VV 5	2817	118103	0.24%	0.046%
22	11.910	1498	1503	1508	VV 4	3043	51113	0.10%	0.020%
23	12.081	1525	1532	1537	VV 2	2816	51444	0.10%	0.020%
24	12.574	1611	1616	1624	VV 4	1854	32379	0.07%	0.012%
25	12.762	1645	1648	1654	PV 2	1670	20390	0.04%	0.008%
26	13.485	1748	1771	1784	BV	2385207	41723138	84.52%	16.106%
27	13.638	1792	1797	1813	VV	6252	133258	0.27%	0.051%
28	13.767	1813	1819	1822	VV 2	2266	35070	0.07%	0.014%
29	13.879	1827	1838	1843	PV 3	6434	94614	0.19%	0.037%
30	16.799	2327	2335	2344	PV 4	3231	62359	0.13%	0.024%
31	18.632	2632	2647	2662	PV	2657981	49366183	100.00%	19.057%
32	19.020	2708	2713	2720	VV 4	2518	59579	0.12%	0.023%
33	20.600	2969	2982	2989	PV	238181	4199805	8.51%	1.621%
34	21.828	3187	3191	3195	VV 3	1673	29207	0.06%	0.011%
35	22.645	3322	3330	3337	VV 2	14217	267278	0.54%	0.103%
36	23.021	3383	3394	3414	VV 2	2575459	49287350	99.84%	19.026%
37	23.174	3414	3420	3430	VV	20555	538303	1.09%	0.208%

38	23.244	3430	3432	3441	VV 7	3635	93213	0.19%	0.036%
39	25.160	3751	3758	3772	PV	49081	893043	1.81%	0.345%
40	30.054	4588	4591	4597	VV 3	1737	31304	0.06%	0.012%
41	30.883	4722	4732	4761	PV 2	2099836	43435307	87.99%	16.767%
42	31.065	4761	4763	4765	VV 2	3571	38925	0.08%	0.015%
43	31.082	4765	4766	4779	VV 5	2965	84573	0.17%	0.033%
44	31.458	4824	4830	4836	PV 5	4433	95023	0.19%	0.037%
45	34.790	5382	5397	5441	PV 2	1536971	34149298	69.18%	13.183%
46	35.054	5441	5442	5449	VV 4	1792	31584	0.06%	0.012%
47	35.107	5449	5451	5458	VV	1598	23630	0.05%	0.009%

Sum of corrected areas: 259047643

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020415\07976.D
Operator : Nefliu
Acquired : 15 Apr 2002 11:05 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 16
Quant File :041202SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07976.D
Acq On : 15 Apr 2002 11:05 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

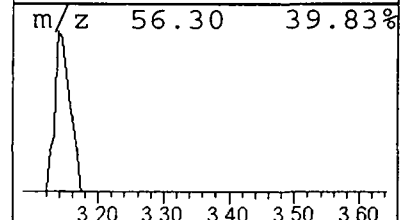
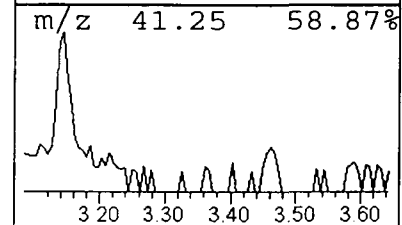
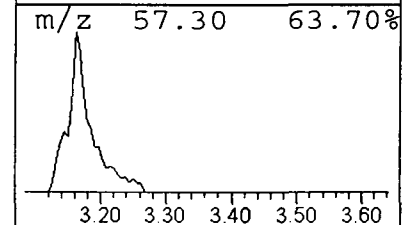
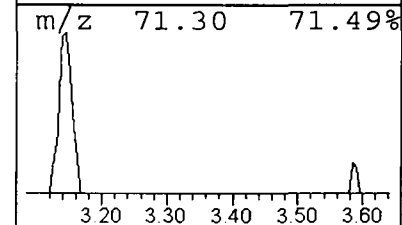
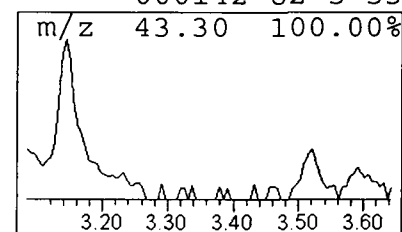
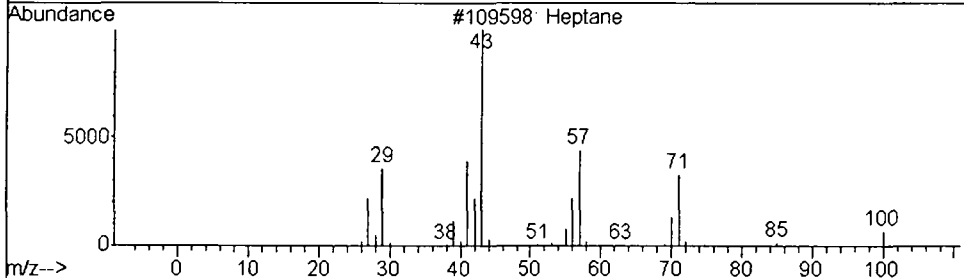
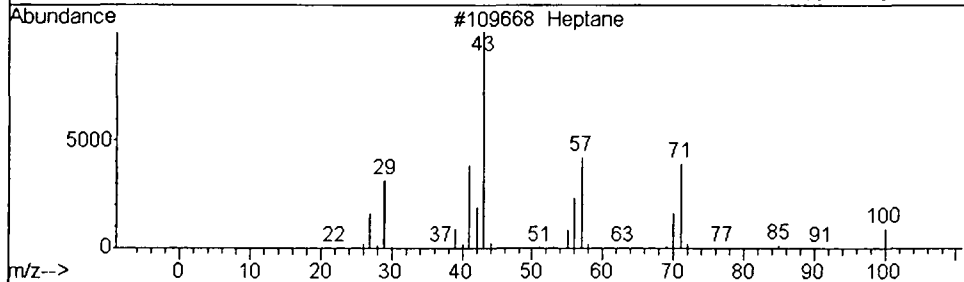
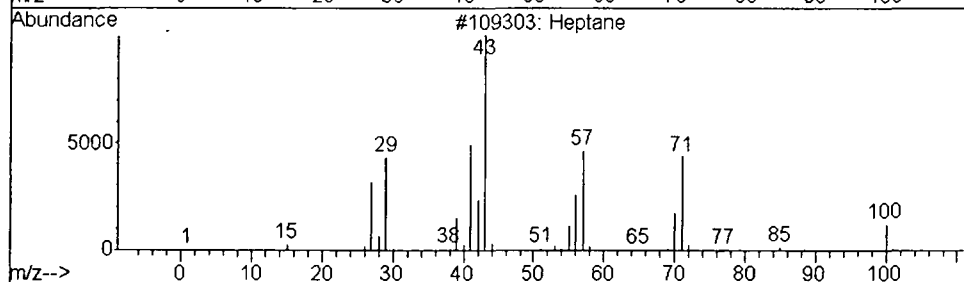
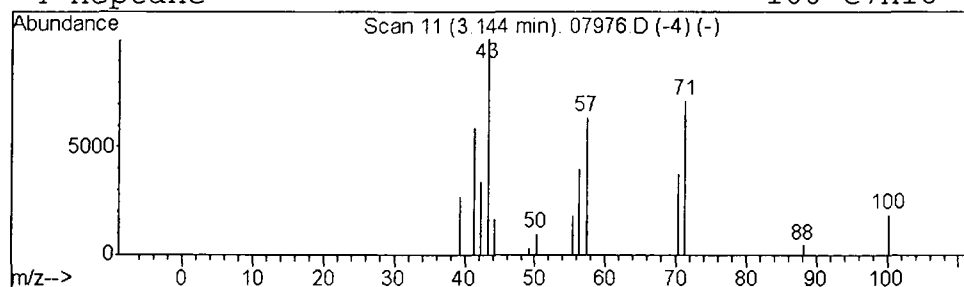
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	0.21 ug/L	165372	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	80
2		Heptane	100	C7H16	000142-82-5	80
3		Heptane	100	C7H16	000142-82-5	80
4		Heptane	100	C7H16	000142-82-5	53



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07976.D
 Acq On : 15 Apr 2002 11:05 pm
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

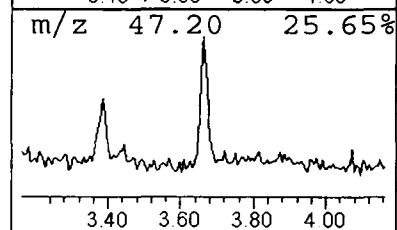
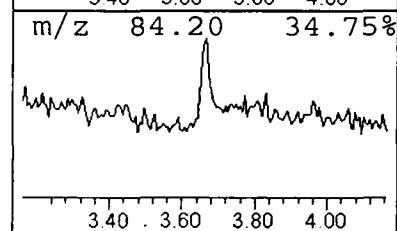
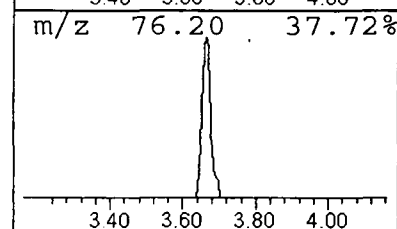
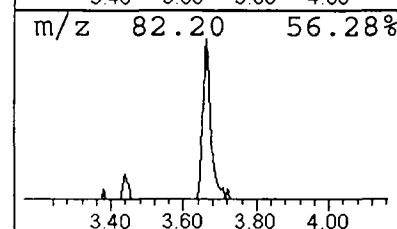
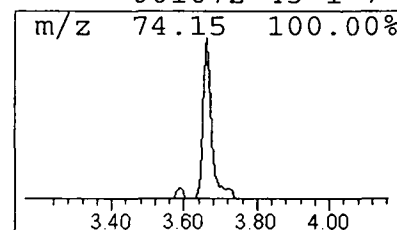
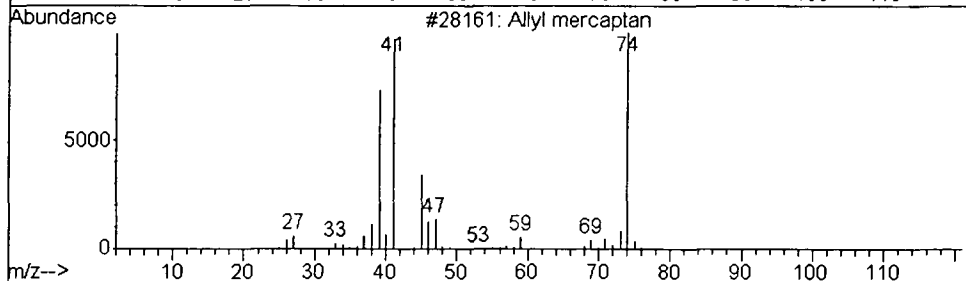
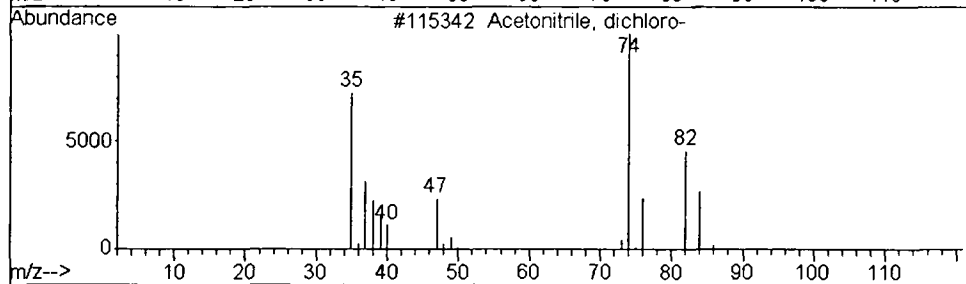
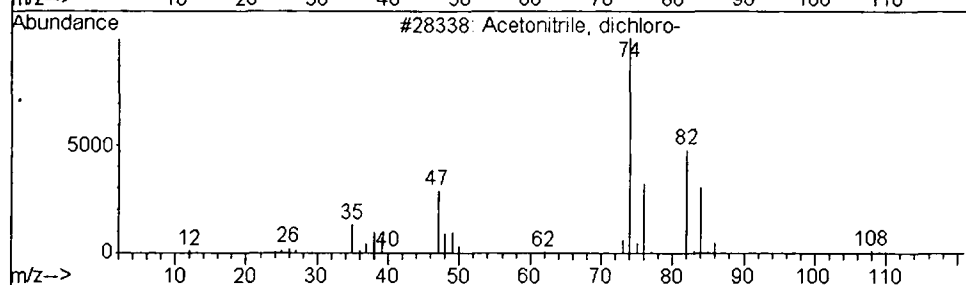
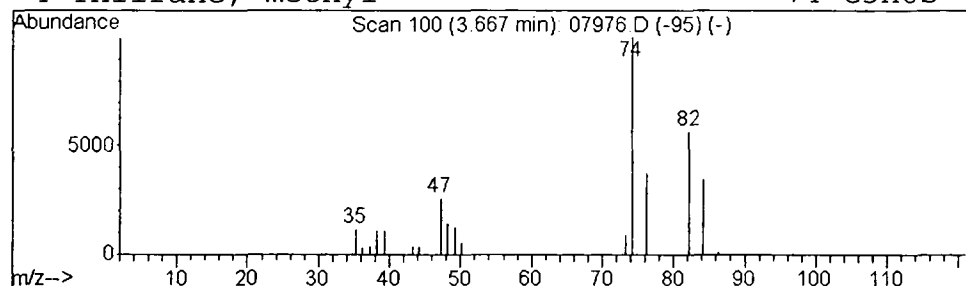
Vial: 16
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	0.32 ug/L	249702	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	90
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	72
3		Allyl mercaptan	74	C3H6S	000870-23-5	9
4		Thiirane, methyl-	74	C3H6S	001072-43-1	7



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07976.D
Acq On : 15 Apr 2002 11:05 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

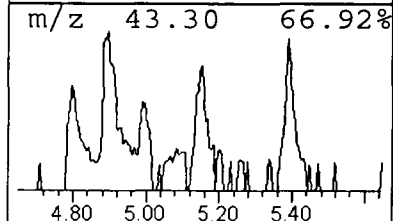
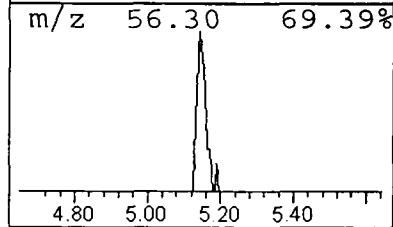
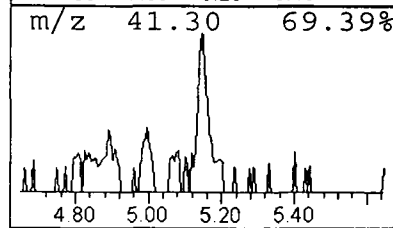
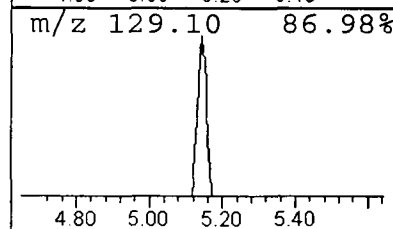
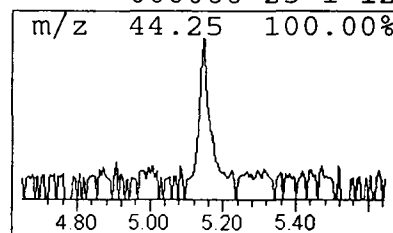
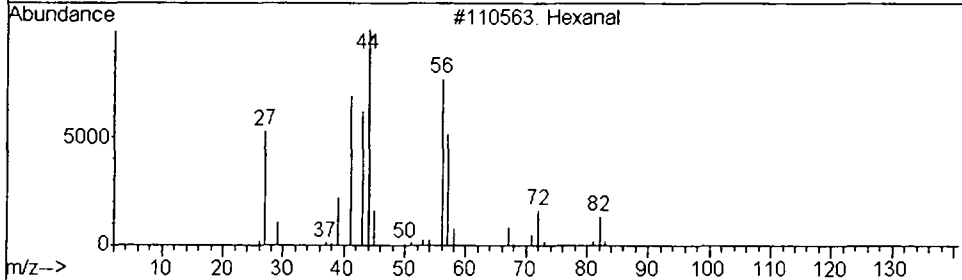
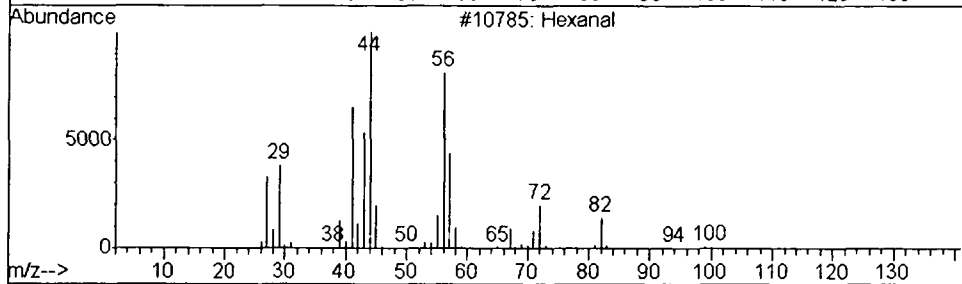
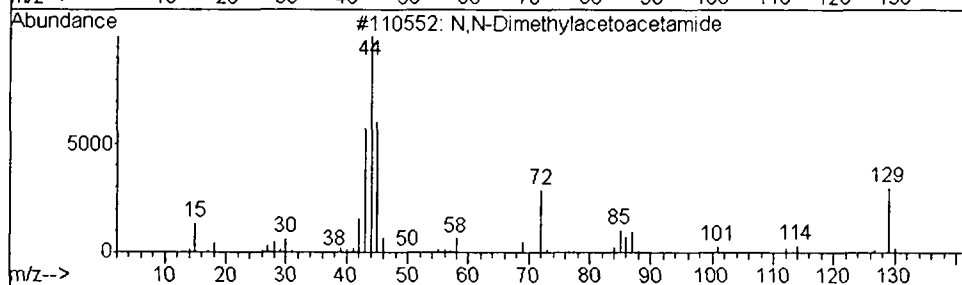
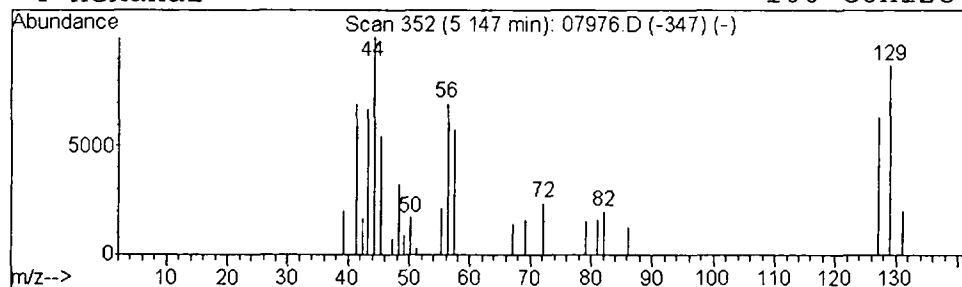
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 N,N-Dimethylacetoacetamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	0.26 ug/L	200884	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethylacetoacetamide	129	C6H11NO2	002044-64-6	47
2		Hexanal	100	C6H12O	000066-25-1	27
3		Hexanal	100	C6H12O	000066-25-1	12
4		Hexanal	100	C6H12O	000066-25-1	12



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07976.D
Acq On : 15 Apr 2002 11:05 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

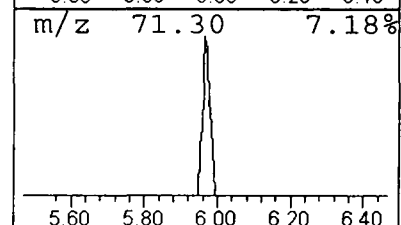
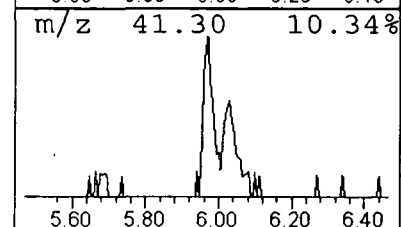
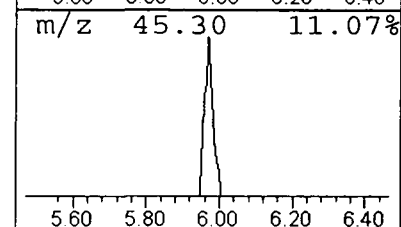
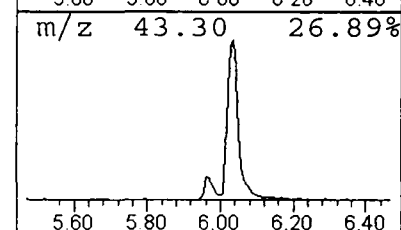
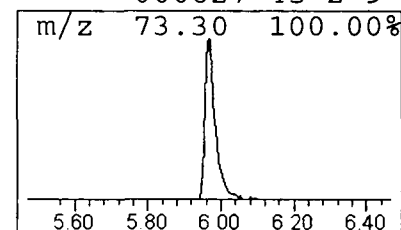
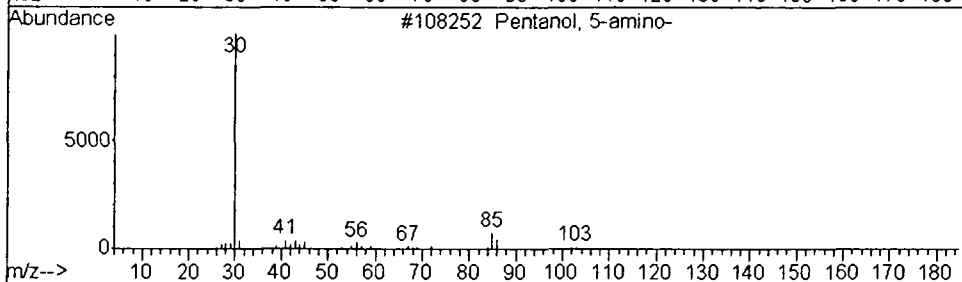
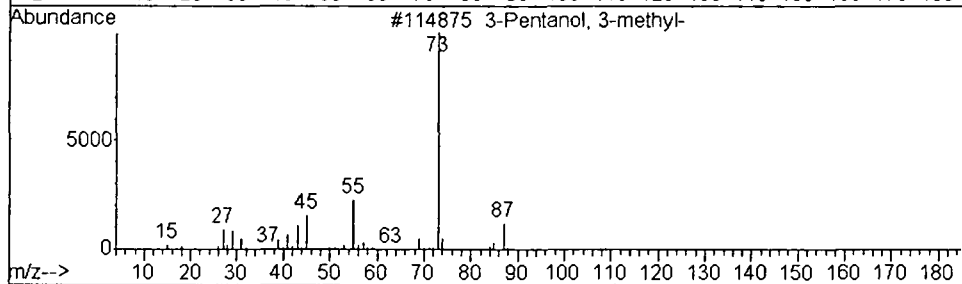
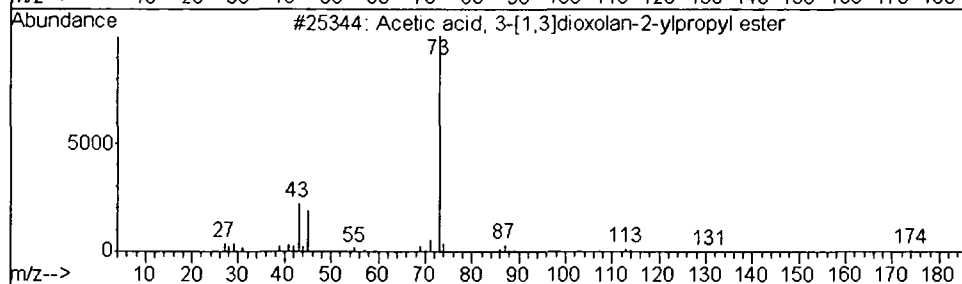
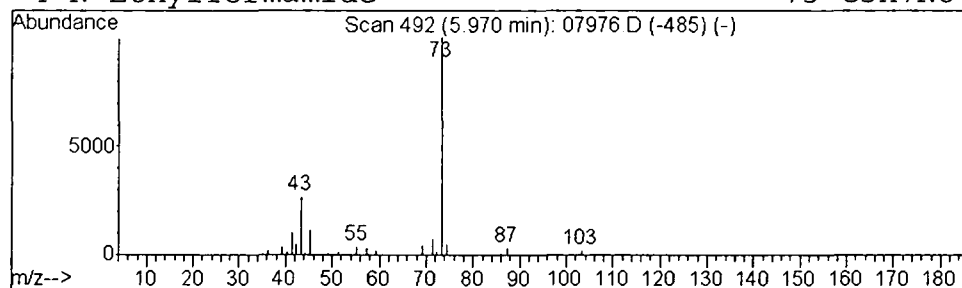
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	0.50 ug/L	389109	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
2		3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3		Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9



Library Search Compound Report

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 Sample : sample
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 MS Integration Params: LSCINT.e

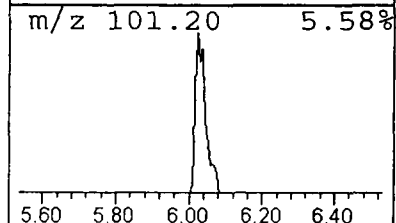
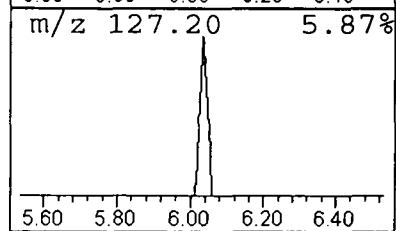
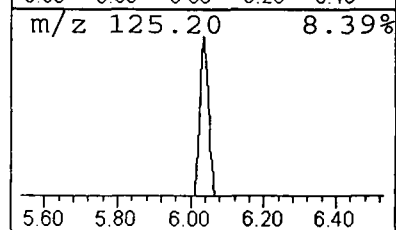
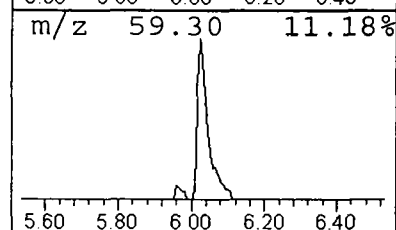
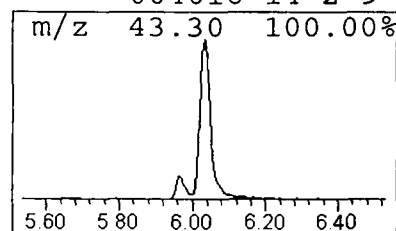
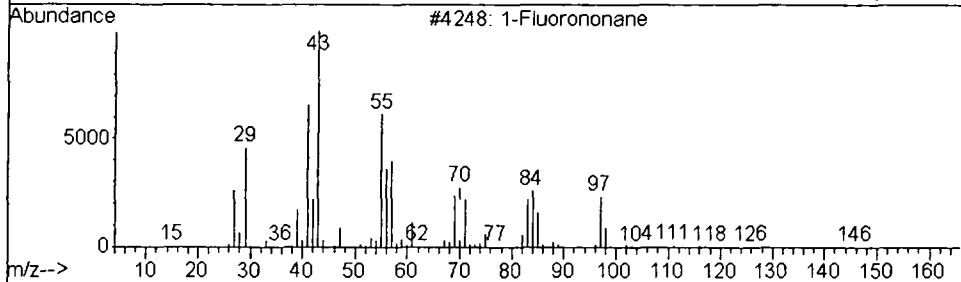
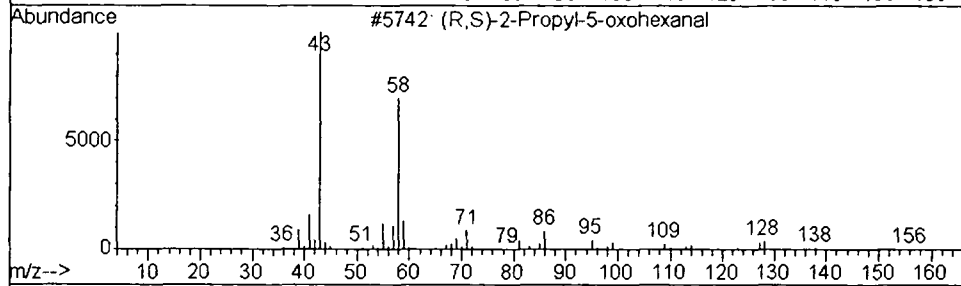
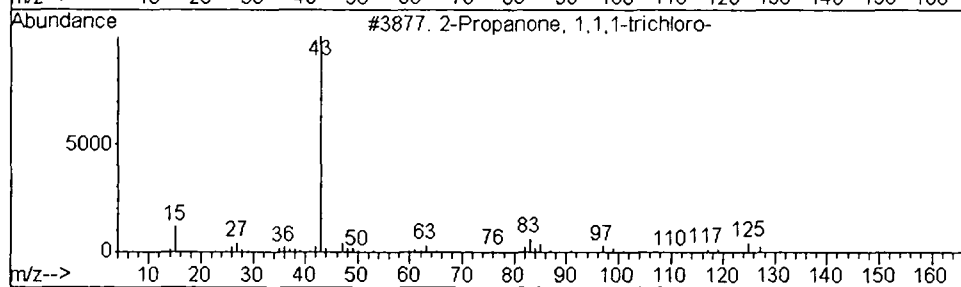
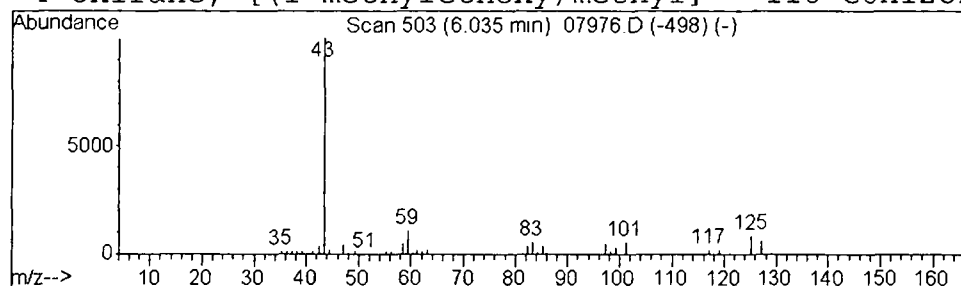
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	1.09 ug/L	850365	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	23
2		(R,S)-2-Propyl-5-oxohexanal	156	C9H16O2	1000109-76-5	17
3		1-Fluorononane	146	C9H19F	000463-18-3	9
4		Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07976.D
Acq On : 15 Apr 2002 11:05 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

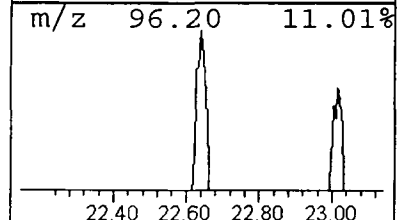
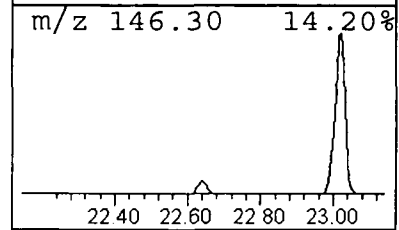
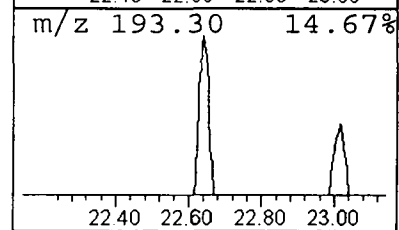
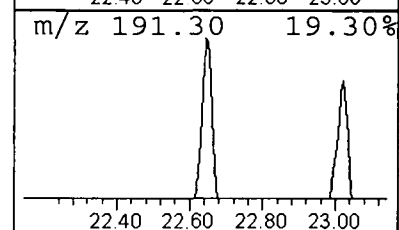
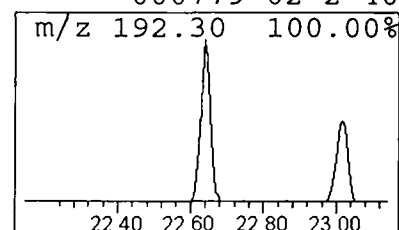
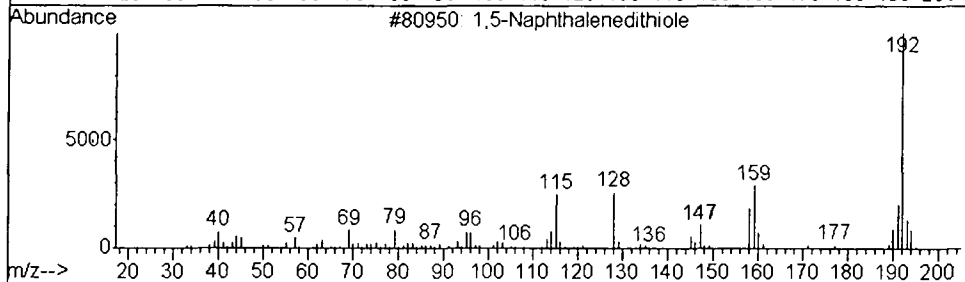
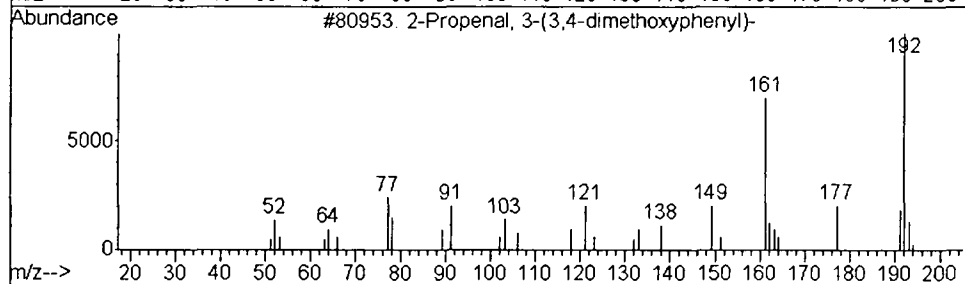
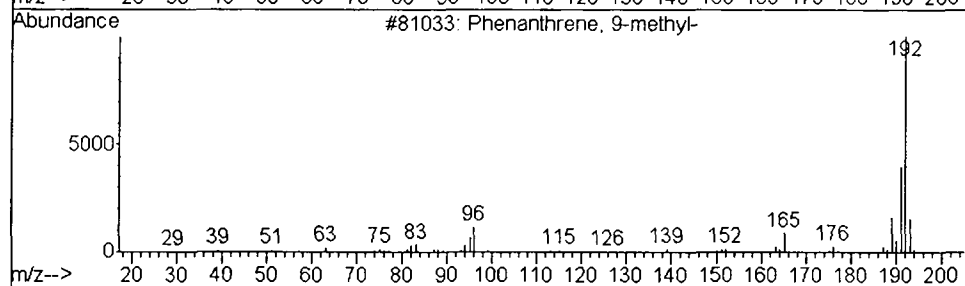
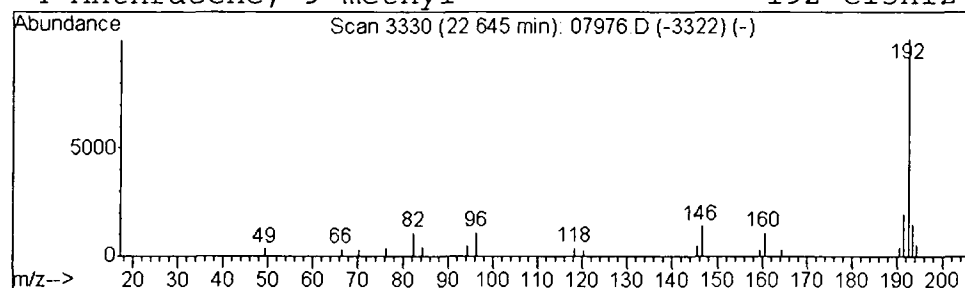
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Inst : Instrumen
Multiplr: 1.00

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	0.22 ug/L	267278	Phenanthranene-d10	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	50
2		2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	45
3		1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	45
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	40



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07976.D
Acq On : 15 Apr 2002 11:05 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

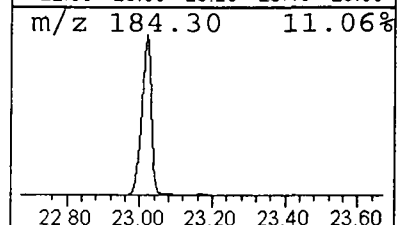
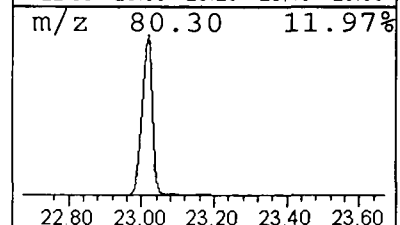
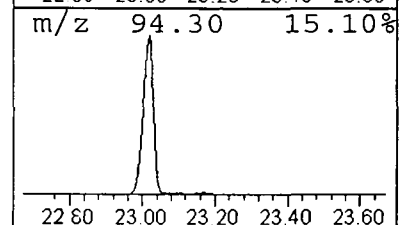
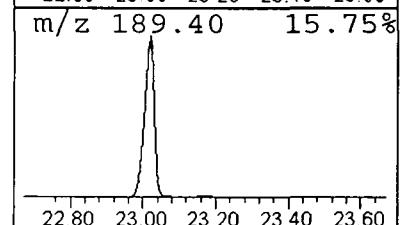
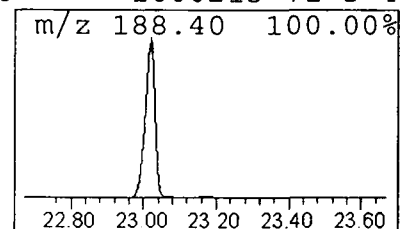
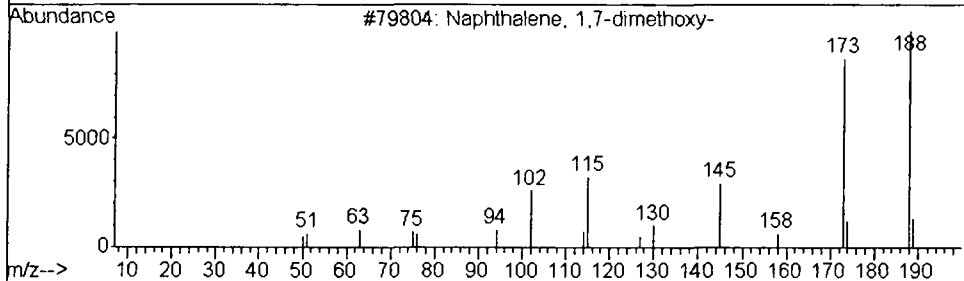
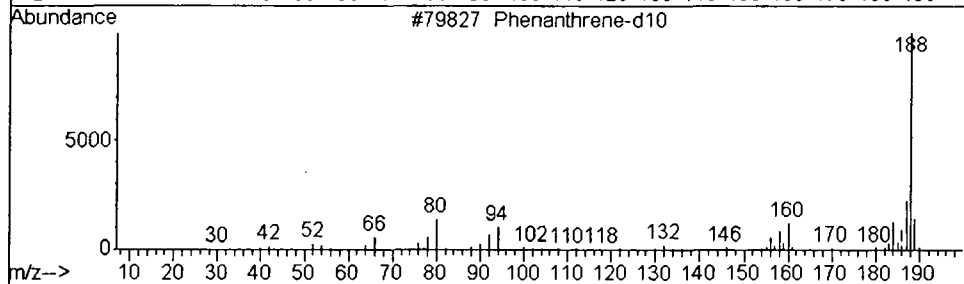
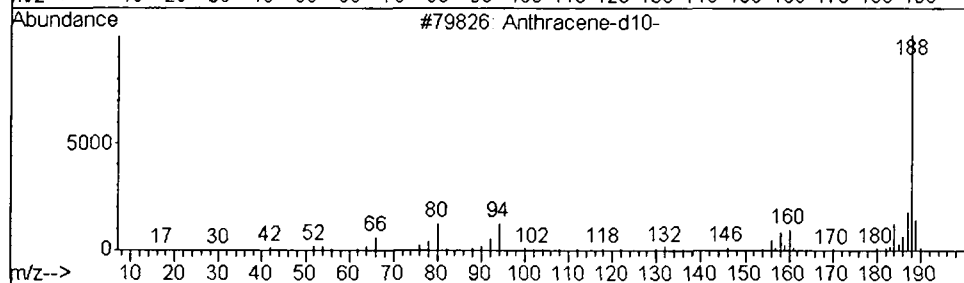
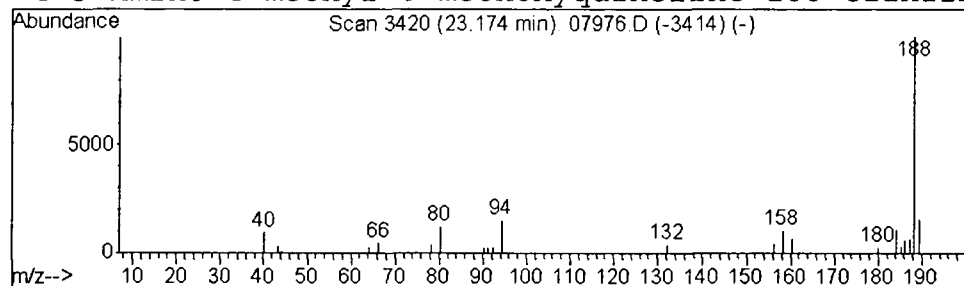
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	0.44 ug/L	538303	Phenanthrene-d10	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	91
2		Phenanthrene-d10	188	C14D10	001517-22-2	78
3		Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	42
4		3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 15 Apr 2002 11:05 pm
Data File: C:\MSDCHEM\1\DATA\020415\07976.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	0.2	ug/L	165372	1	9.99	31337100	40.0
✓ Acetonitrile, dic...	3.66	0.3	ug/L	249702	1	9.99	31337100	40.0
N,N-Dimethylaceto...	5.15	0.3	ug/L	200884	1	9.99	31337100	40.0
Acetic acid, 3-[1...	5.97	0.5	ug/L	389109	1	9.99	31337100	40.0
2-Propanone, 1,1,...	6.04	1.1	ug/L	850365	1	9.99	31337100	40.0
✓ Phenanthrene, 9-m...	22.64	0.2	ug/L	267278	4	23.02	49287300	40.0
✓ Anthracene-d10-	23.17	0.4	ug/L	538303	4	23.02	49287300	40.0