

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 16:07:21

Sample: AE08069
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 16:06 Ended: 4/18/2002 16:06 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		79	5.0

Comments for Sample AE08069 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 16:07:30

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\08069.D

Vial: 26

Acq On : 16 Apr 2002 7:13 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 16 13:57:03 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	9.98	152	4793694	40.00	ug/L	-0.01
10) Napthalene-d8	13.48	136	18089520	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.63	164	10540816	40.00	ug/L	-0.01
29) Phenanthranene-d10	23.02	188	16026281	40.00	ug/L	-0.01
37) Chrysene-d12	30.88	240	12894513	40.00	ug/L	-0.02
43) Perylene-d12	34.79	264	9071295	40.00	ug/L	-0.01

System Monitoring Compounds

27) TCMX	20.60	207	369360	6.32	ug/L	0.00
Spiked Amount	8.000		Recovery	=	79.00%	

Target Compounds

						Qvalue
41) Bis(2-ethylhexyl)phthalate	31.46	149	102771	0.50	ug/L	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed
08069.D 041202SCAN.M Tue Apr 16 13:58:25 2002 Page 1

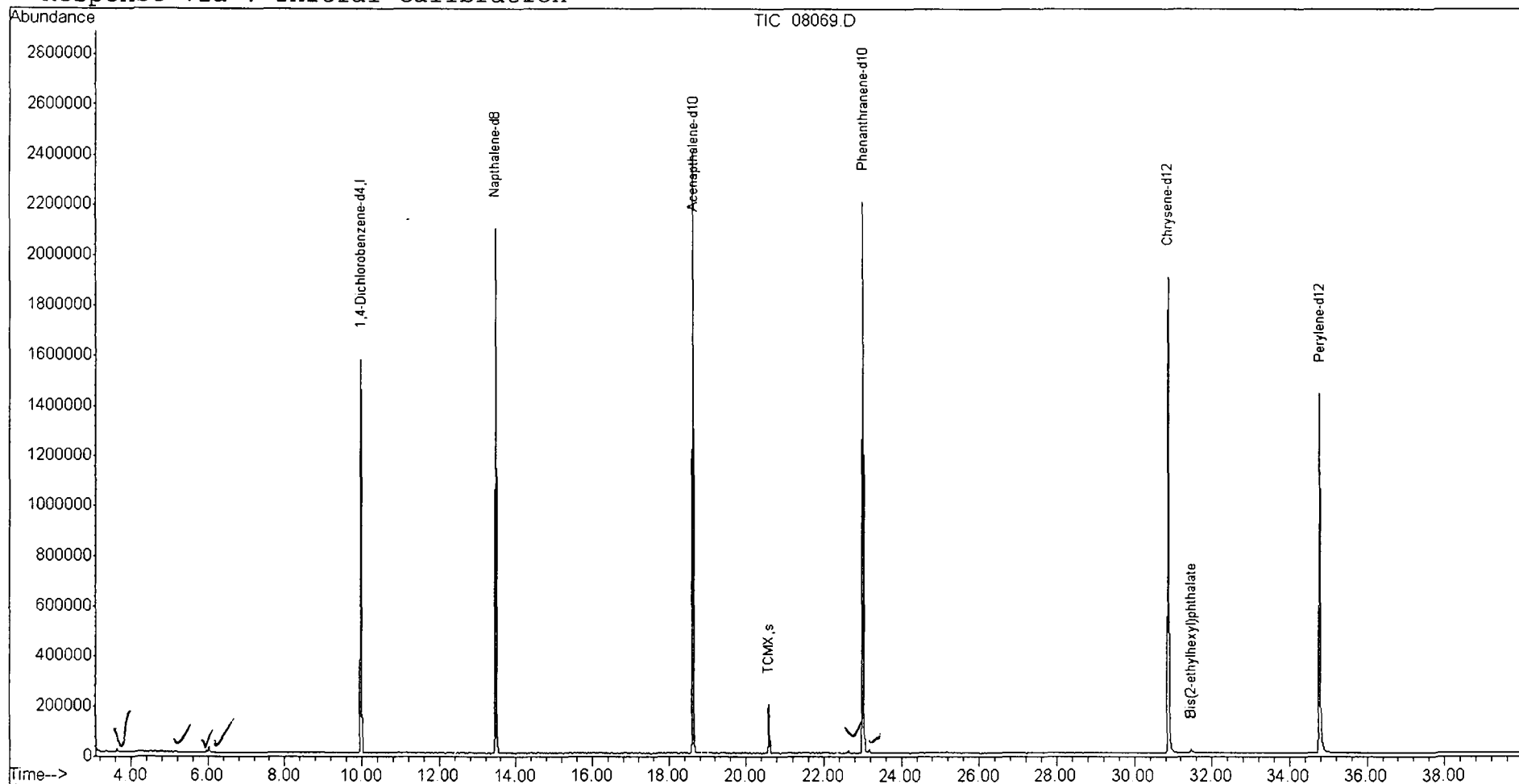
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\08069.D
 Acq On : 16 Apr 2002 7:13 am
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 16 13:58 2002

Vial: 26
 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\08069.D
 Acq On : 16 Apr 2002 7:13 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

Vial: 26
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

Signal : TIC

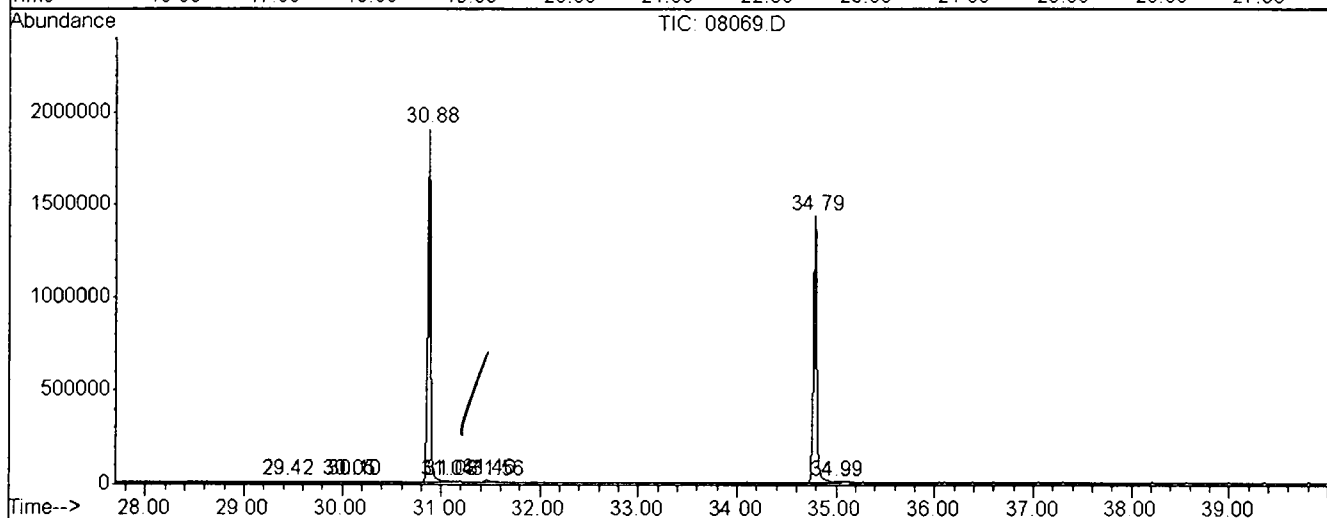
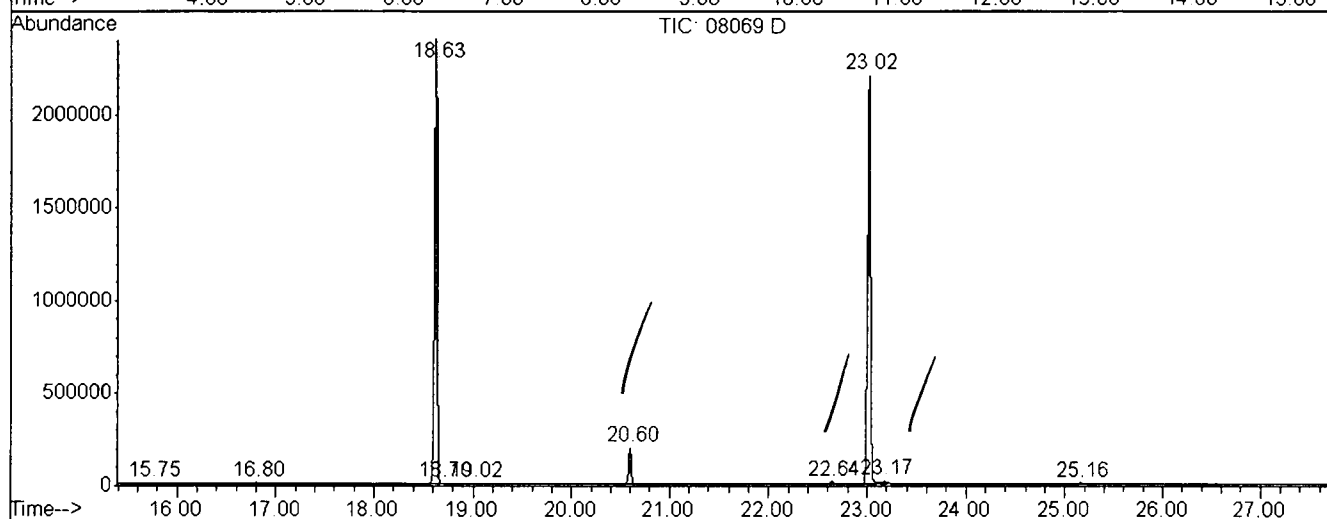
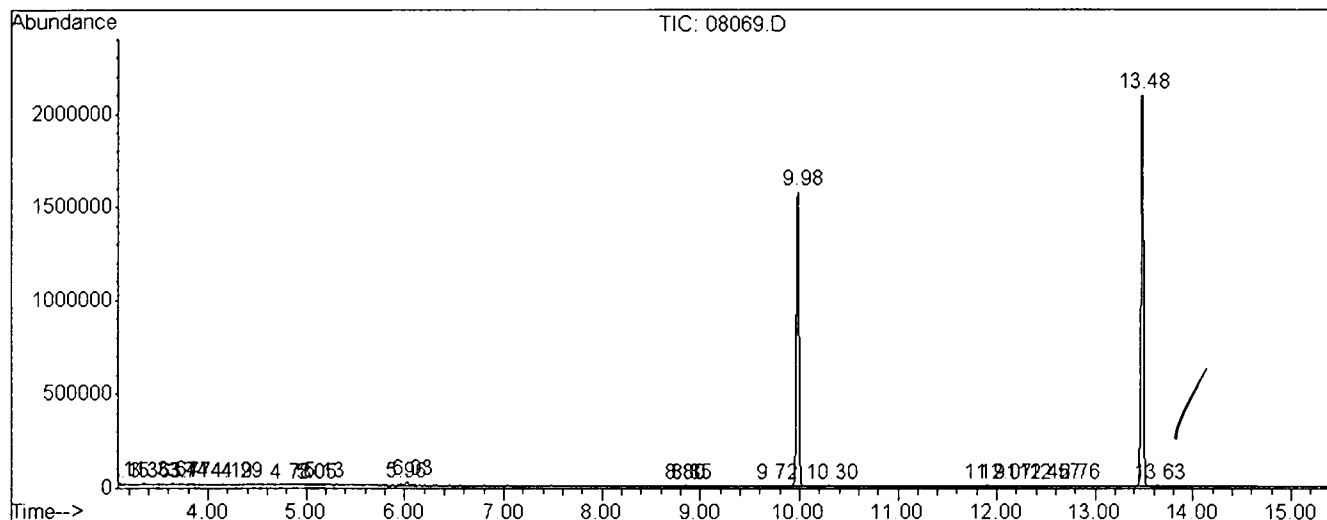
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1	3.109	3	5	9	BV 2	4751	52005	0.12%	0.023%
2	3.150	9	12	19	VV 5	2132	37237	0.09%	0.016%
3	3.355	38	47	53	PV 4	5425	97115	0.23%	0.043%
4	3.637	91	95	101	PV 2	11029	168101	0.40%	0.074%
5	3.743	107	113	115	VV 4	4088	68909	0.16%	0.031%
6	3.767	115	117	126	VV 5	3779	107896	0.25%	0.048%
7	4.190	183	189	198	VV 8	2320	71376	0.17%	0.032%
8	4.290	203	206	211	VV 3	2353	39068	0.09%	0.017%
9	4.783	286	290	296	PV 4	2030	38273	0.09%	0.017%
10	5.048	328	335	343	VV 7	1824	39951	0.09%	0.018%
11	5.130	343	349	367	VV 8	5795	159082	0.37%	0.070%
12	5.964	484	491	496	VV 2	10813	197044	0.46%	0.087%
13	6.023	496	501	519	VV	20678	455589	1.07%	0.202%
14	8.796	964	973	978	PV	1762	26904	0.06%	0.012%
15	8.855	978	983	989	PV 5	2493	45033	0.11%	0.020%
16	9.724	1126	1131	1136	VV 3	2043	37014	0.09%	0.016%
17	9.983	1166	1175	1187	VV	1555860	27406679	64.59%	12.141%
18	10.300	1222	1229	1236	VV 7	2661	63367	0.15%	0.028%
19	11.910	1498	1503	1513	VV 3	3437	55595	0.13%	0.025%
20	12.069	1528	1530	1538	VV 4	2049	47314	0.11%	0.021%
21	12.463	1593	1597	1605	VV 3	1993	36433	0.09%	0.016%
22	12.568	1610	1615	1622	PV 4	2871	51261	0.12%	0.023%
23	12.762	1642	1648	1653	VV 2	2111	41928	0.10%	0.019%
24	13.485	1756	1771	1784	PV	2095816	36481182	85.98%	16.161%
25	13.632	1788	1796	1804	VV 3	4426	88552	0.21%	0.039%
26	15.753	2151	2157	2163	PV 3	2063	35647	0.08%	0.016%
27	16.805	2323	2336	2339	PV 3	3096	63835	0.15%	0.028%
28	18.632	2632	2647	2657	VV	2383530	42428553	100.00%	18.796%
29	18.702	2657	2659	2666	VV 3	2219	56101	0.13%	0.025%
30	19.020	2709	2713	2718	VV 2	2179	37435	0.09%	0.017%
31	20.600	2973	2982	2990	VV	194843	3459024	8.15%	1.532%
32	22.645	3318	3330	3336	PV 2	12820	250685	0.59%	0.111%
33	23.021	3381	3394	3414	PV 2	2180476	42004619	99.00%	18.608%
34	23.174	3414	3420	3427	VV	13950	289560	0.68%	0.128%
35	25.160	3746	3758	3763	PV 3	3453	61160	0.14%	0.027%
36	29.419	4476	4483	4489	PV	1711	29221	0.07%	0.013%
37	30.048	4584	4590	4596	PV 4	1935	59335	0.14%	0.026%

38	30.095	4596	4598	4601	VV		1929	19260	0.05%	0.009%
39	30.882	4721	4732	4757	VV	2	1879764	38724639	91.27%	17.155%
40	31.041	4757	4759	4765	VV	5	4896	101589	0.24%	0.045%
41	31.082	4765	4766	4771	VV		4146	64302	0.15%	0.028%
42	31.458	4823	4830	4845	PV	4	11829	413257	0.97%	0.183%
43	31.558	4845	4847	4856	VV	5	2269	42549	0.10%	0.019%
44	34.790	5384	5397	5430	PV		1411609	31592303	74.46%	13.995%
45	34.989	5430	5431	5443	VV	4	3383	89319	0.21%	0.040%

Sum of corrected areas: 225735303

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020415\08069.D
 Operator : Nefliu
 Acquired : 16 Apr 2002 7:13 am using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 26
 Quant File :041202SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08069.D
 Acq On : 16 Apr 2002 7:13 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

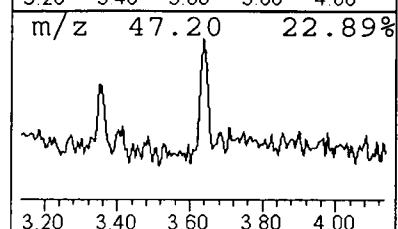
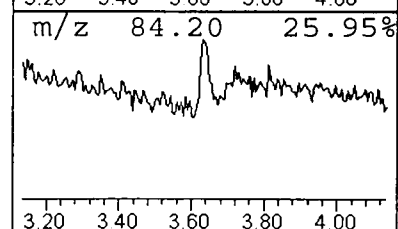
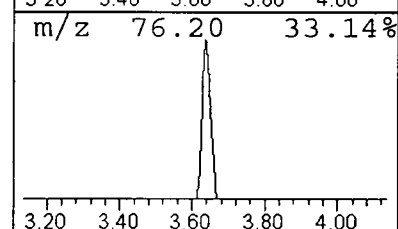
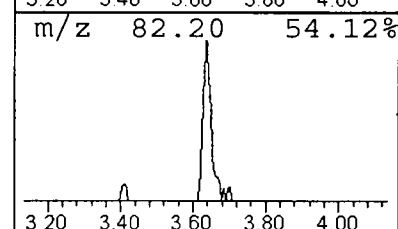
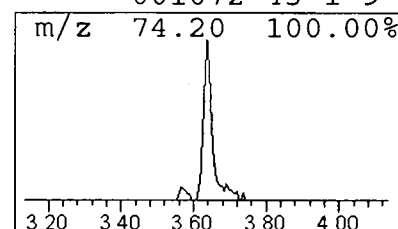
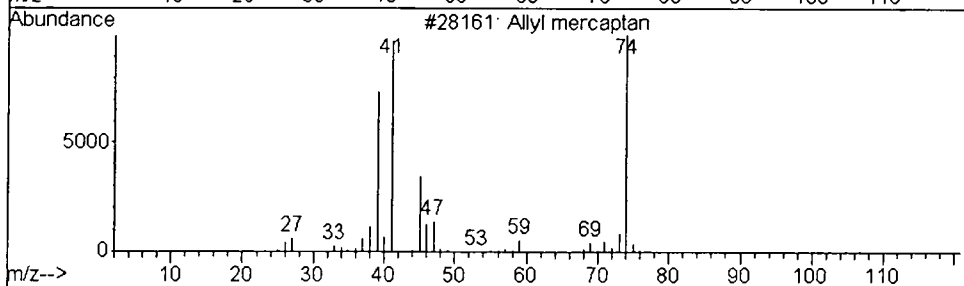
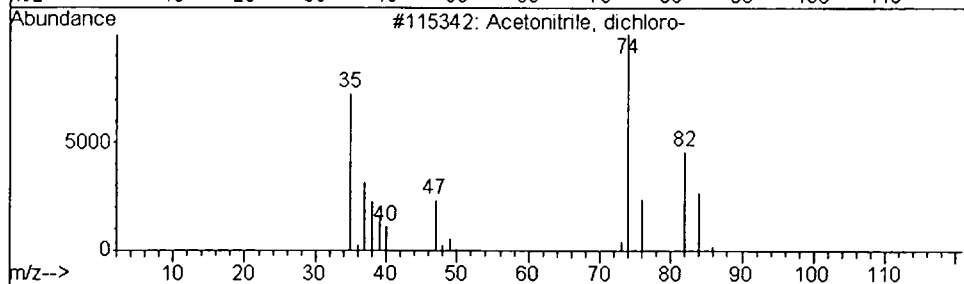
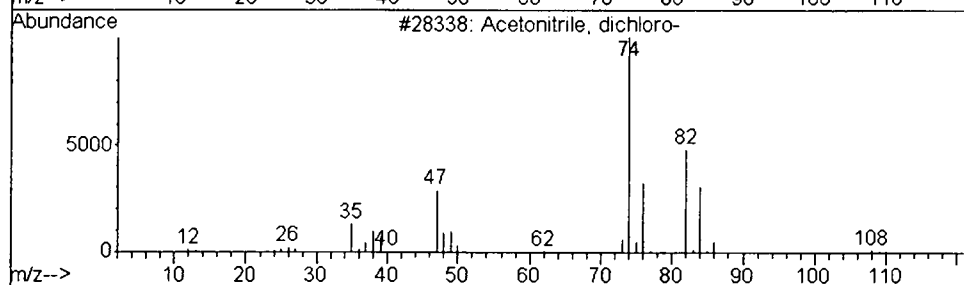
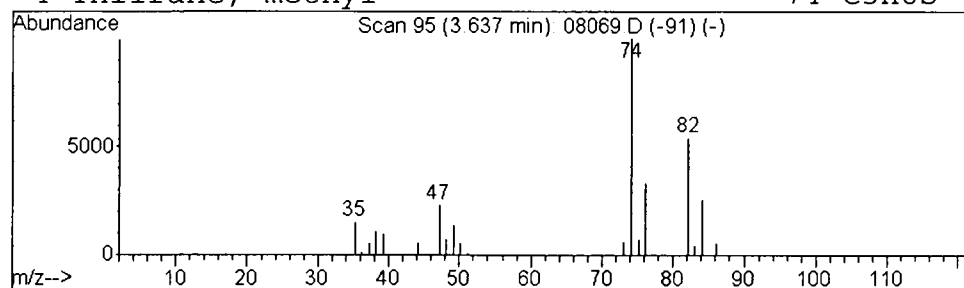
Vial: 26
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	0.25 ug/L	168101	1,4-Dichlorobenzene-d4	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	91
2			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	43
3			Allyl mercaptan	74	C3H6S	000870-23-5	9
4			Thiirane, methyl-	74	C3H6S	001072-43-1	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08069.D
Acq On : 16 Apr 2002 7:13 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

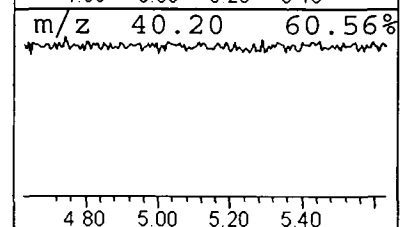
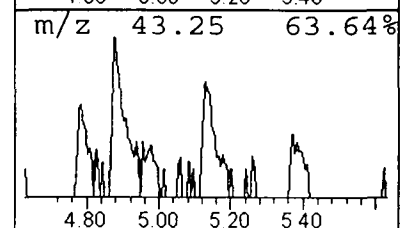
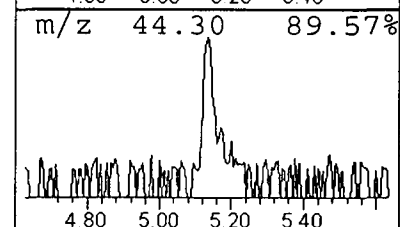
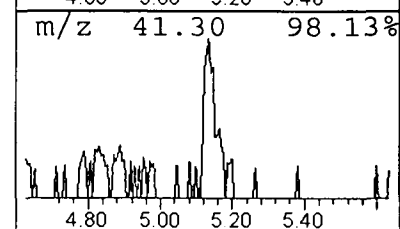
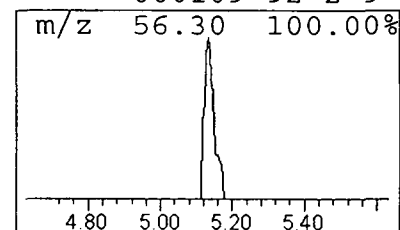
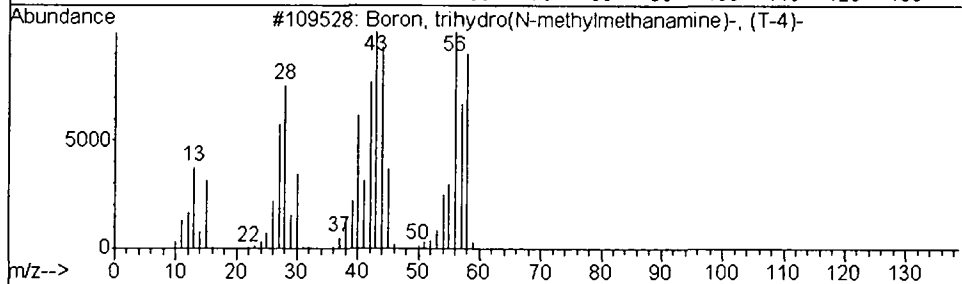
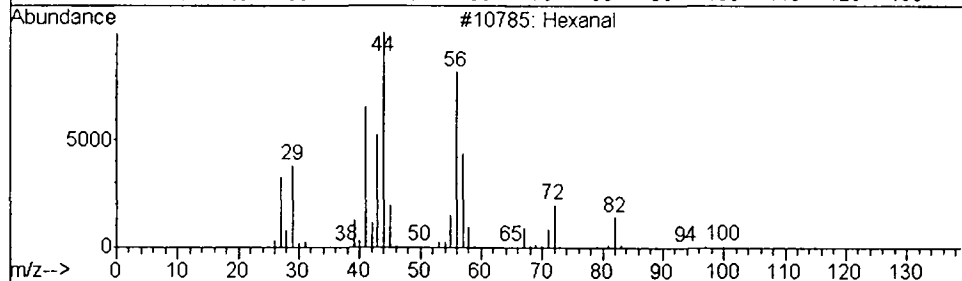
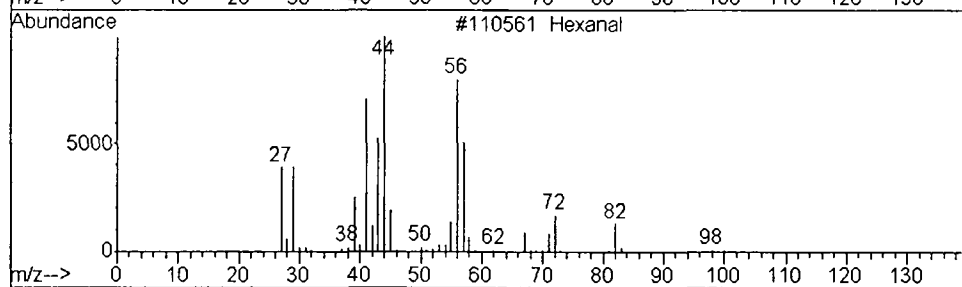
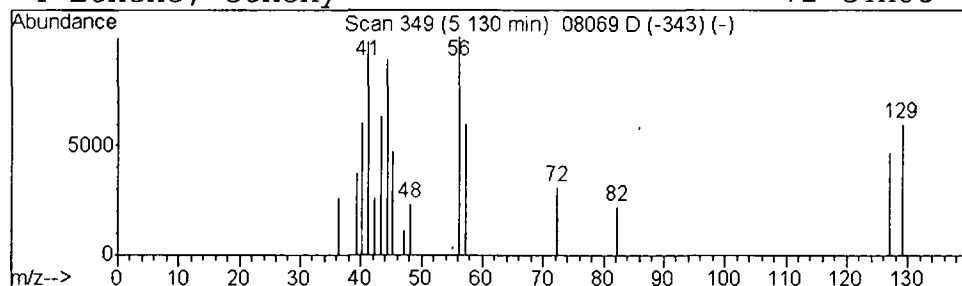
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	0.23 ug/L	159082	1,4-Dichlorobenzene-d4	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal	100	C6H12O	000066-25-1	12
2			Hexanal	100	C6H12O	000066-25-1	12
3			Boron, trihydro(N-methylmethanam...	57	C2H8BN	000074-94-2	10
4			Ethene, ethoxy-	72	C4H8O	000109-92-2	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08069.D
Acq On : 16 Apr 2002 7:13 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

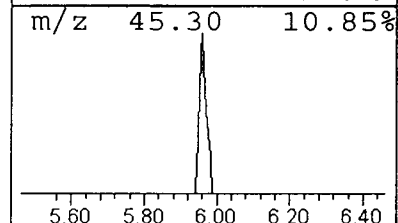
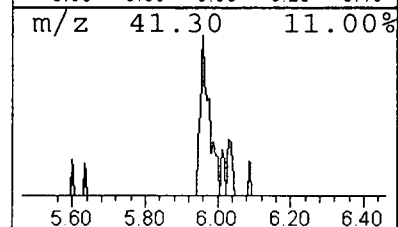
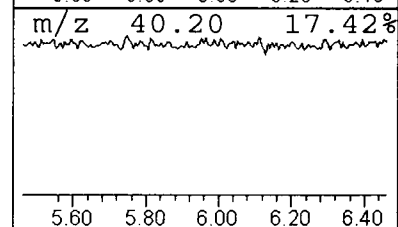
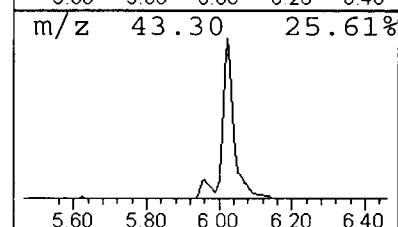
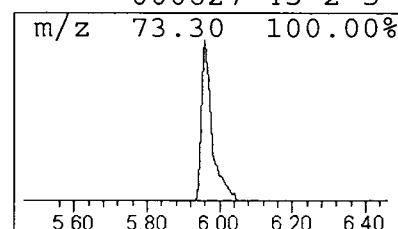
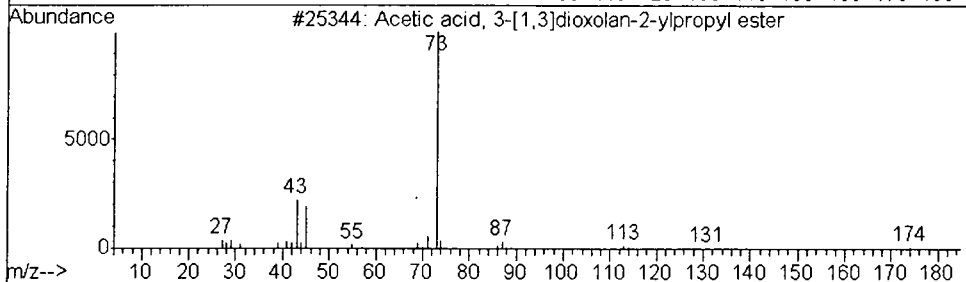
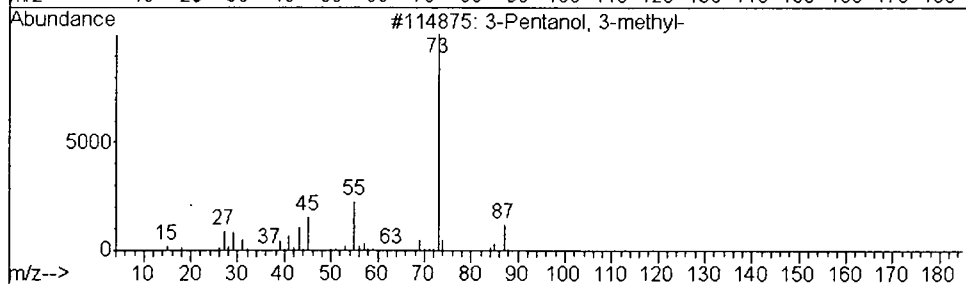
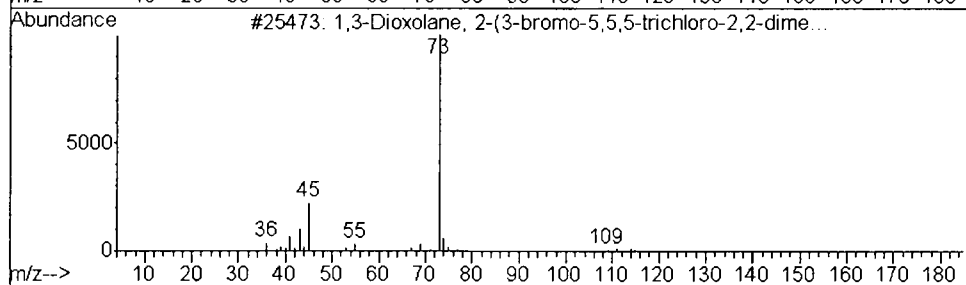
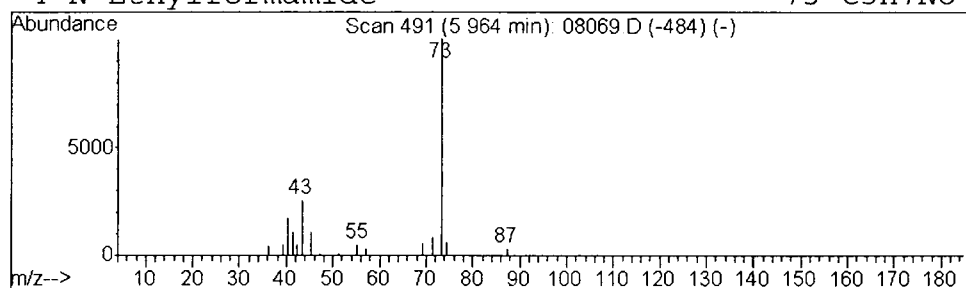
Vial: 26
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 1,3-Dioxolane, 2-(3-bromo-5... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	0.29 ug/L	197044	1,4-Dichlorobenzene-d4	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
4			N-Ethylformamide	73	C3H7NO	000627-45-2	5



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08069.D
 Acq On : 16 Apr 2002 7:13 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

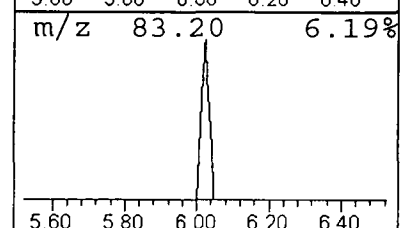
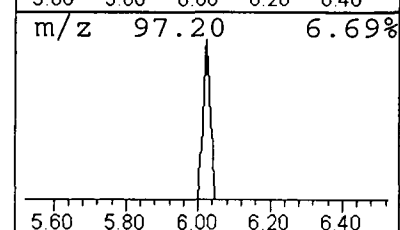
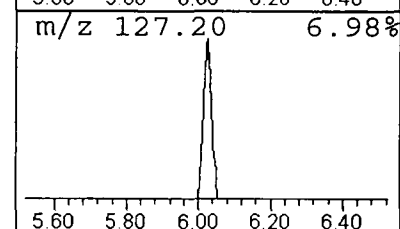
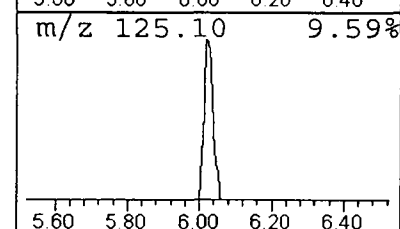
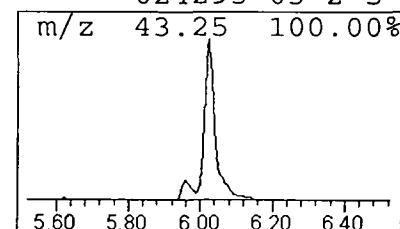
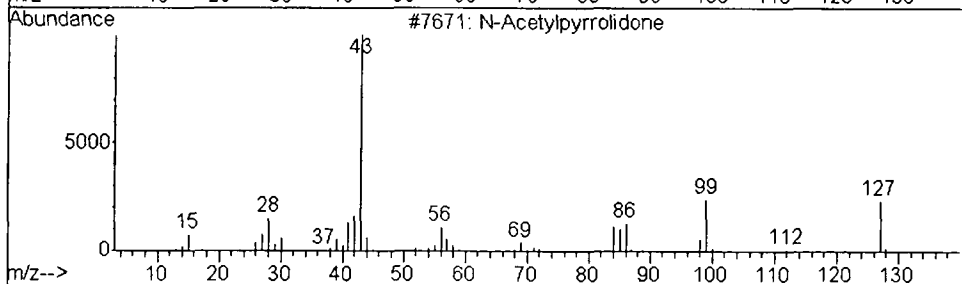
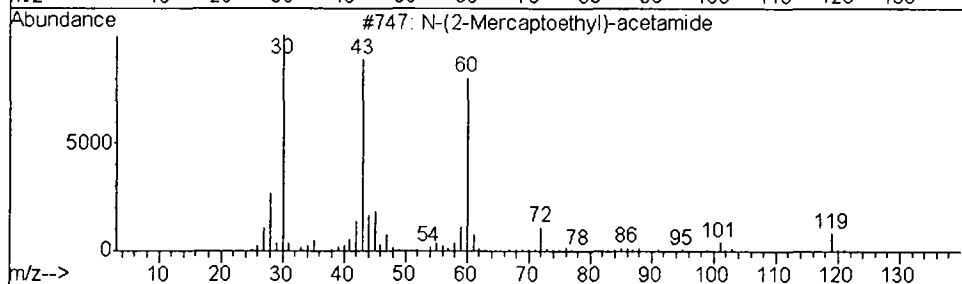
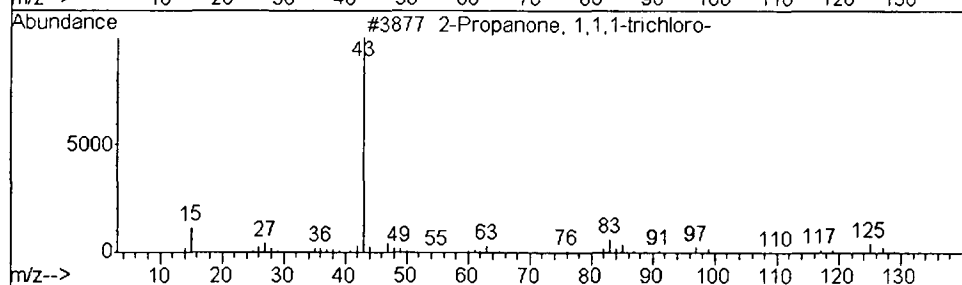
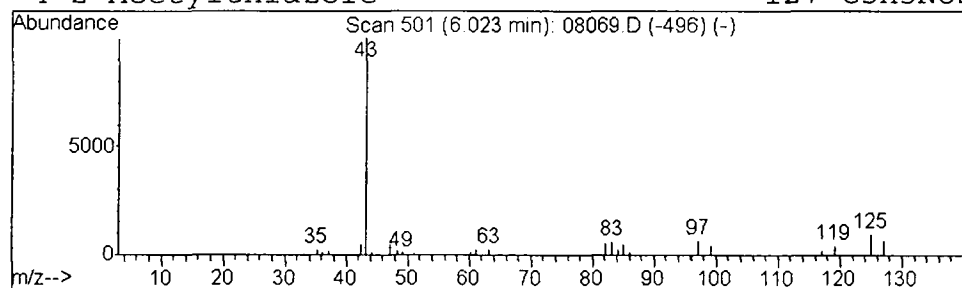
Vial: 26
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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.
6.03	0.66 ug/L	455589	1,4-Dichlorobenzene-d4	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	72
2		N-(2-Mercaptoethyl)-acetamide	119	C4H9NOS	1000194-02-5	9
3		N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5
4		2-Acetylthiazole	127	C5H5NOS	024295-03-2	5



Library Search Compound Report

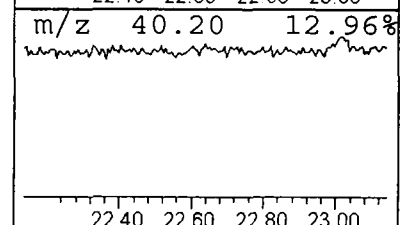
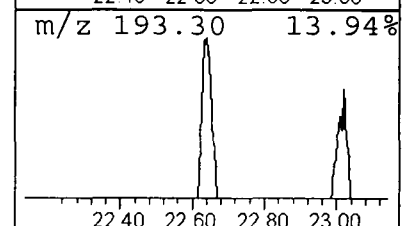
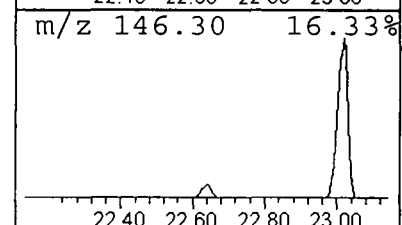
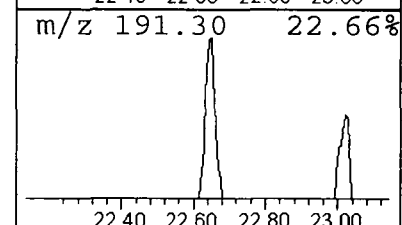
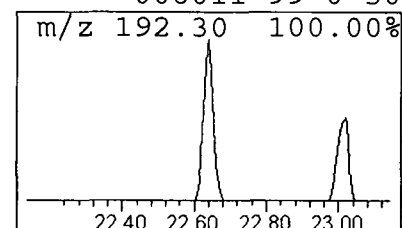
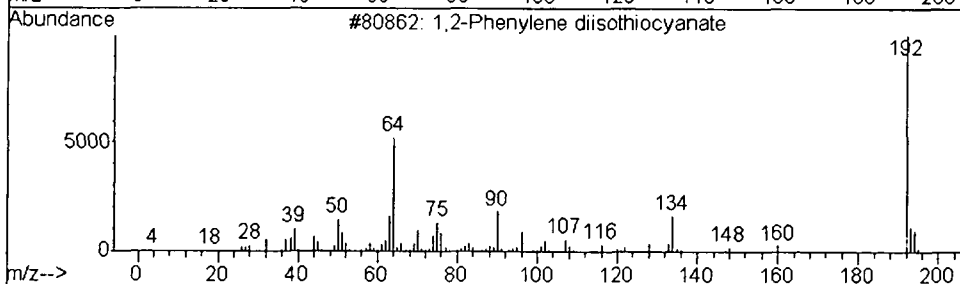
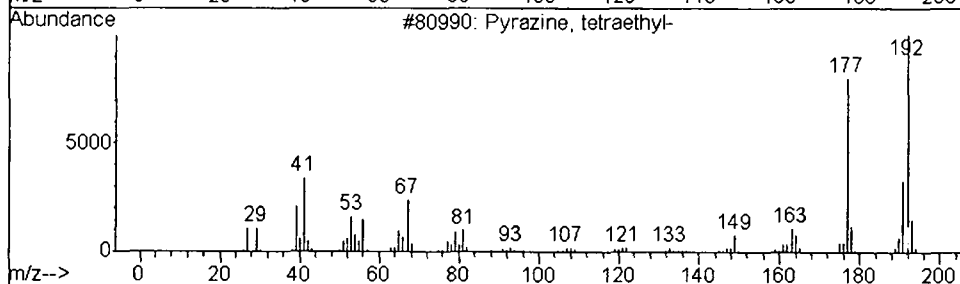
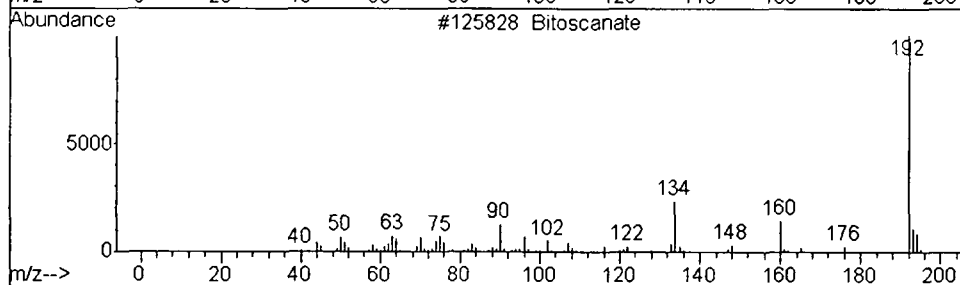
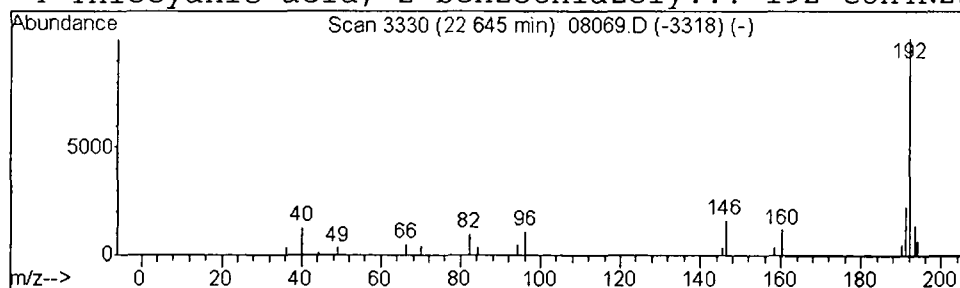
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 Acq On : 16 Apr 2002 7:13 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

Vial: 26
 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 Bitoscanate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.64	0.24 ug/L	250685	Phenanthranene-d10	23.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bitoscanate	192	C8H4N2S2	004044-65-9	53
2	Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	53
3	1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	50
4	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	50



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08069.D
 Acq On : 16 Apr 2002 7:13 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

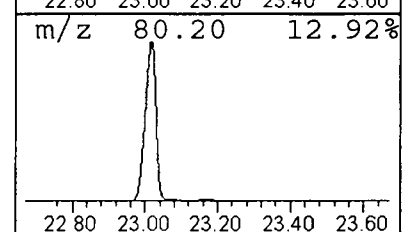
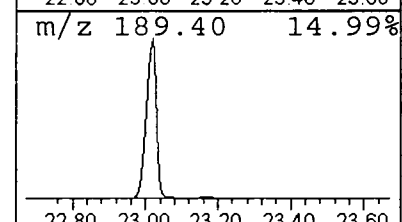
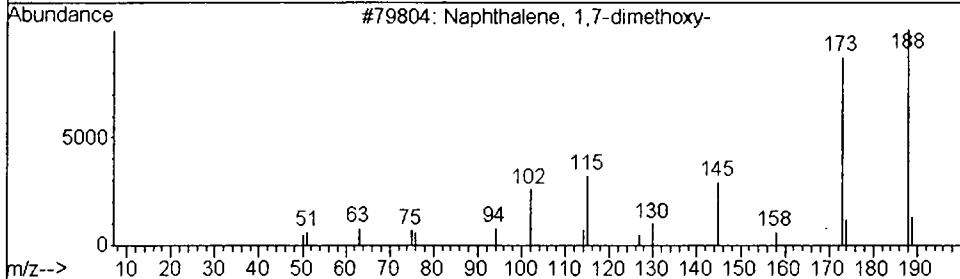
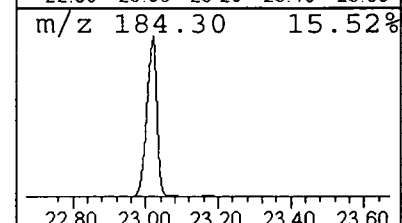
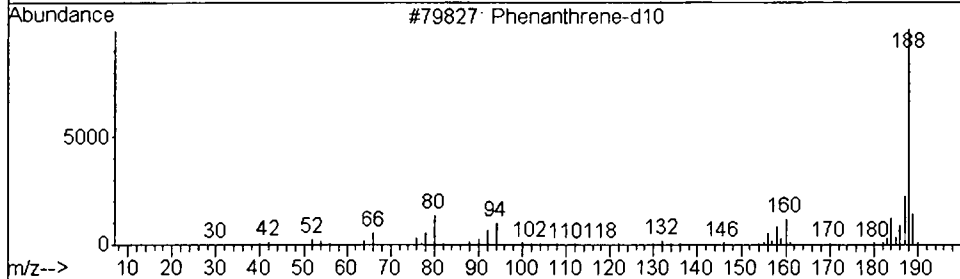
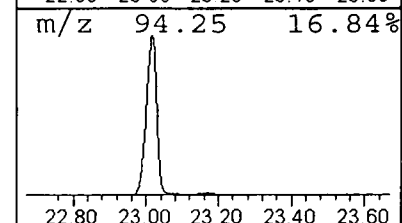
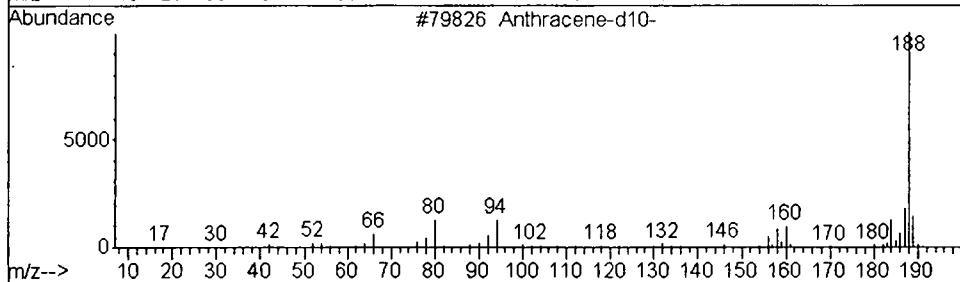
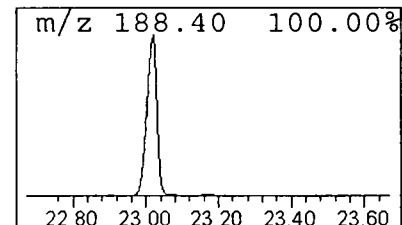
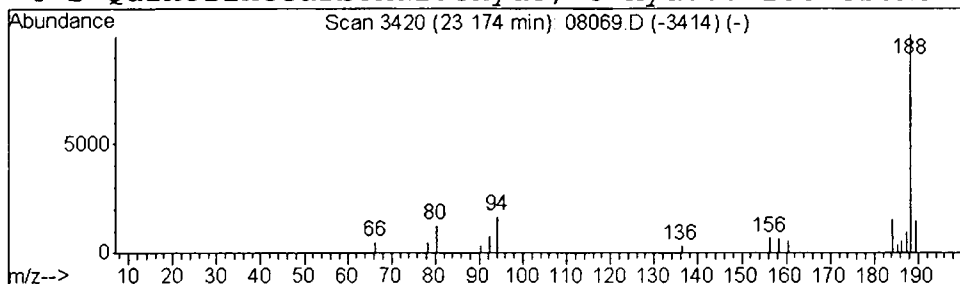
Vial: 26
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 6 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	0.28 ug/L	289560	Phenanthranene-d10	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	87
2			Phenanthrene-d10	188	C14D10	001517-22-2	50
3			Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40
4			2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 Apr 2002 7:13 am
 Data File: C:\MSDCHEM\1\DATA\020415\08069.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
✓ Acetonitrile, dic...	3.64	0.2	ug/L	168101	1	9.98	27406700	40.0
Hexanal	5.13	0.2	ug/L	159082	1	9.98	27406700	40.0
1,3-Dioxolane, 2-...	5.96	0.3	ug/L	197044	1	9.98	27406700	40.0
✓ 2-Propanone, 1,1,...	6.03	0.7	ug/L	455589	1	9.98	27406700	40.0
Bitoscanate	22.64	0.2	ug/L	250685	4	23.02	42004600	40.0
Anthracene-d10- fluoranthene-d10	23.17	0.3	ug/L	289560	4	23.02	42004600	40.0