

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 15:35:26

Sample: AE07975
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		80	5.0

Comments for Sample AE07975 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 15:35:35

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\07975.D Vial: 15
Acq On : 15 Apr 2002 10:15 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 16 13:44:41 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	5892961	40.00	ug/L	0.00
10) Napthalene-d8	13.49	136	22401395	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.63	164	13125430	40.00	ug/L	0.00
29) Phenanthranene-d10	23.02	188	20652883	40.00	ug/L	0.00
37) Chrysene-d12	30.89	240	16683039	40.00	ug/L	-0.02
43) Perylene-d12	34.79	264	11499151	40.00	ug/L	-0.01
System Monitoring Compounds						
27) TCMX	20.60	207	467844	6.43	ug/L	0.00
Spiked Amount	8.000		Recovery	=	80.38%	
Target Compounds						
35) Di-n-butylphthalate	25.16	149	528850	0.88	ug/L	Qvalue 97

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\07975.D

Acq On : 15 Apr 2002 10:15 pm

Sample : sample

Misc :

MS Integration Params: EVENTS.E

Quant Time: Apr 16 13:44 2002

Vial: 15

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

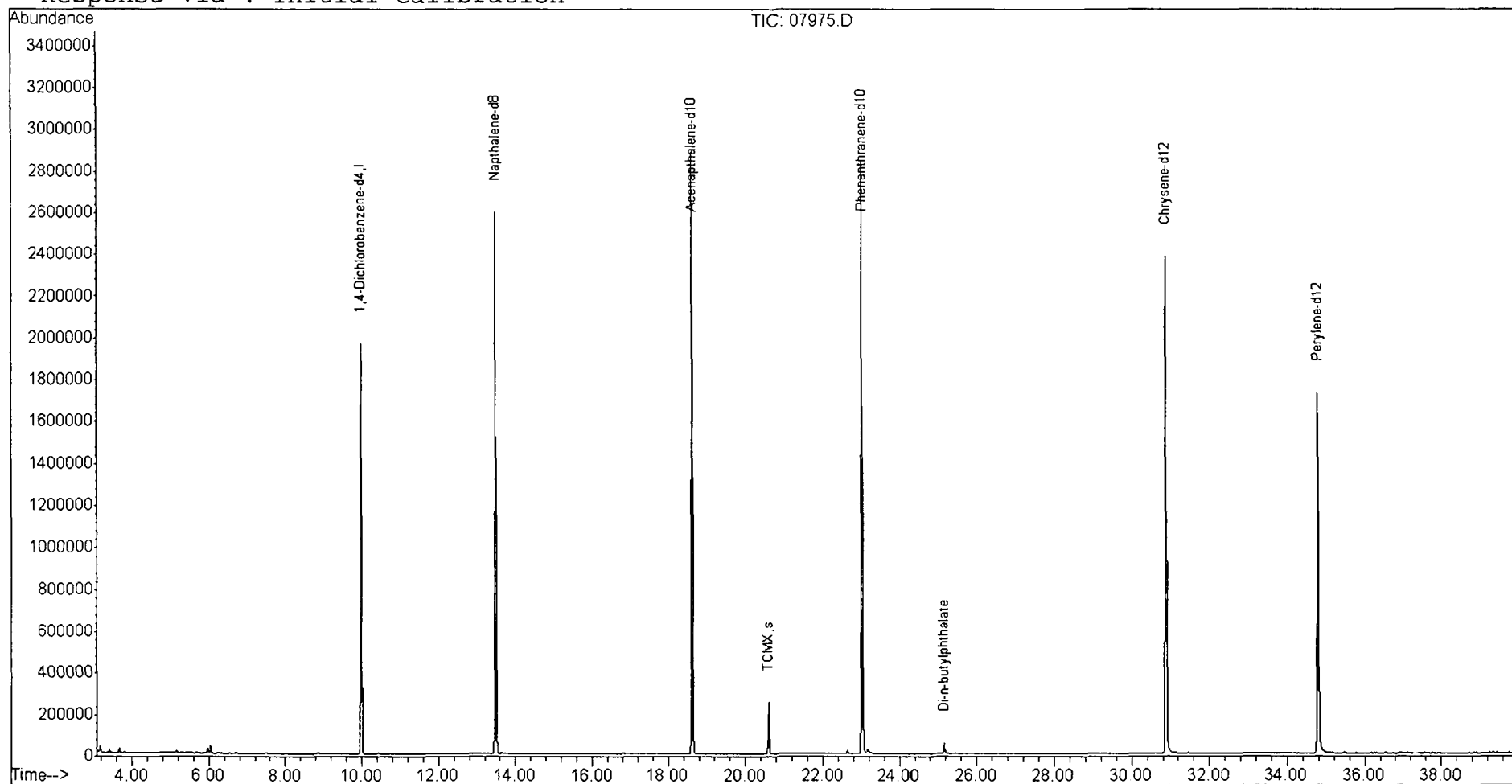
Quant Results File: 041202SCAN.RES

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\07975.D

Acq On : 15 Apr 2002 10:15 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 15

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : 508 Modified GC/MS scan

Signal : TIC

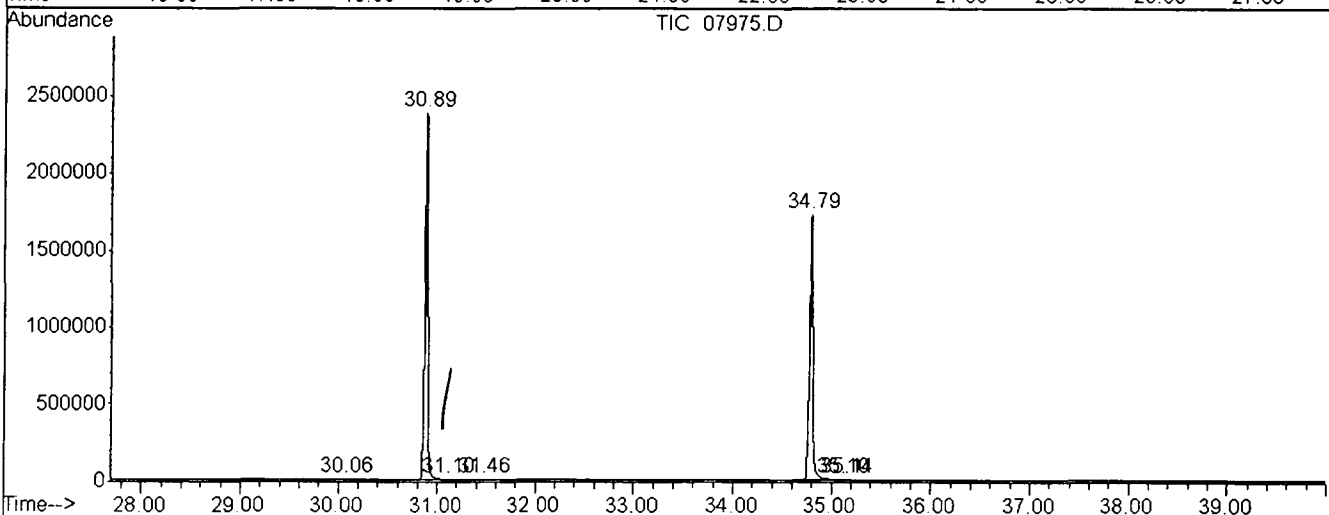
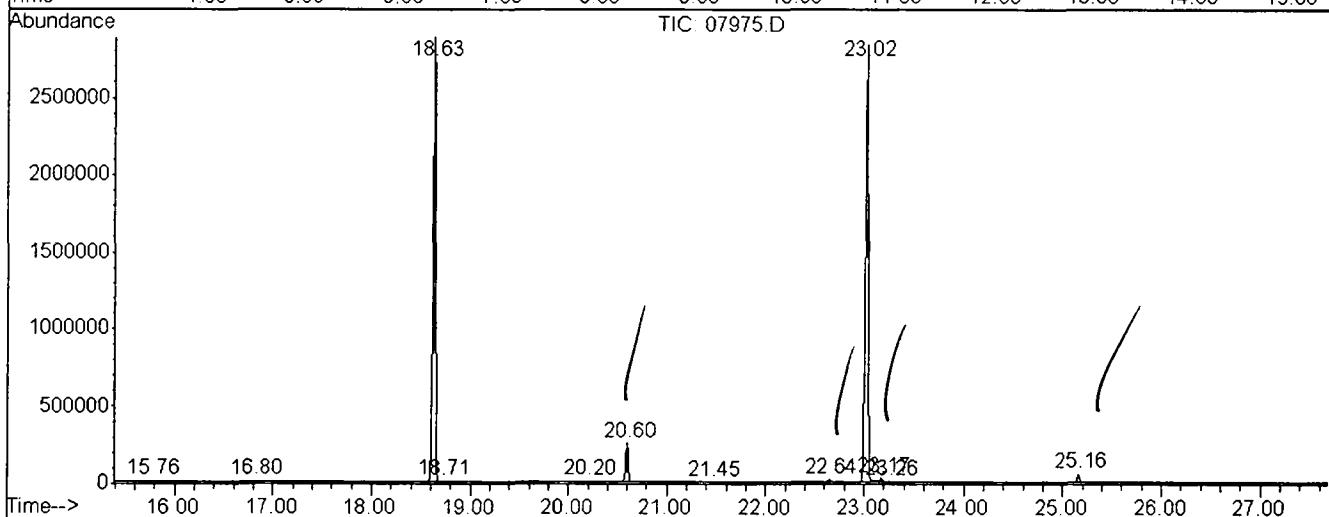
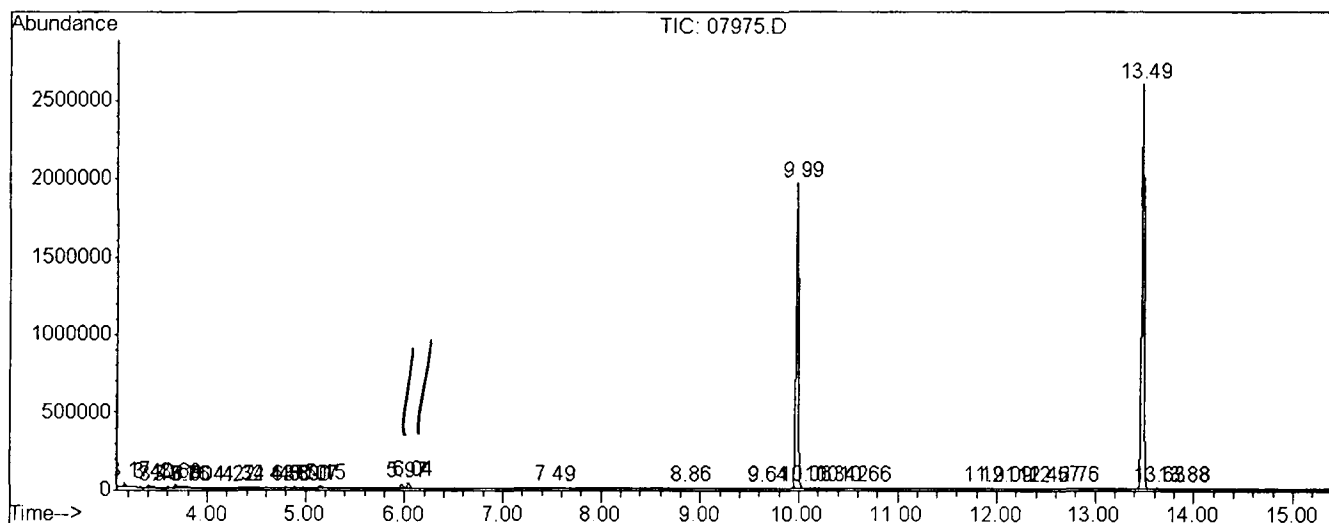
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.167	9	15	24	PV	26168	418685	0.78%	0.147%
2	3.402	47	55	60	PV	15598	238724	0.45%	0.084%
3	3.467	60	66	72	VV 5	2617	62810	0.12%	0.022%
4	3.608	80	90	96	PV 7	2544	58935	0.11%	0.021%
5	3.679	96	102	113	PV 2	19214	354351	0.66%	0.124%
6	3.767	113	117	120	VV 3	3478	62631	0.12%	0.022%
7	3.802	120	123	131	VV 2	5380	86743	0.16%	0.030%
8	4.225	186	195	205	BV 7	1751	58913	0.11%	0.021%
9	4.325	205	212	216	PV 4	2616	43955	0.08%	0.015%
10	4.630	258	264	271	VV 6	2133	44635	0.08%	0.016%
11	4.801	290	293	297	VV 3	3589	58550	0.11%	0.021%
12	4.895	305	309	314	VV 2	3931	71139	0.13%	0.025%
13	5.001	323	327	334	VV 4	3625	62759	0.12%	0.022%
14	5.071	334	339	346	VV 5	2138	43614	0.08%	0.015%
15	5.153	346	353	364	PV 5	13264	270883	0.51%	0.095%
16	5.970	483	492	499	VV	25824	456956	0.85%	0.161%
17	6.041	499	504	518	VV	39301	727284	1.36%	0.256%
18	7.492	745	751	755	VV 4	3653	59545	0.11%	0.021%
19	8.861	976	984	991	VV 5	5017	102667	0.19%	0.036%
20	9.642	1114	1117	1119	VV 3	2023	23221	0.04%	0.008%
21	9.989	1165	1176	1186	PV	1957309	33504097	62.46%	11.771%
22	10.059	1186	1188	1194	VV 2	2524	52469	0.10%	0.018%
23	10.312	1224	1231	1240	VV 4	2868	102290	0.19%	0.036%
24	10.424	1245	1250	1257	VV 5	3135	77133	0.14%	0.027%
25	10.659	1285	1290	1296	VV 5	1877	40966	0.08%	0.014%
26	11.910	1499	1503	1507	VV 3	3196	50502	0.09%	0.018%
27	12.086	1526	1533	1538	VV 2	2553	58003	0.11%	0.020%
28	12.457	1586	1596	1602	VV 4	2227	65069	0.12%	0.023%
29	12.568	1607	1615	1620	VV 2	2206	46019	0.09%	0.016%
30	12.762	1644	1648	1652	PV 3	1529	18169	0.03%	0.006%
31	13.485	1756	1771	1790	BV	2544965	44948547	83.80%	15.792%
32	13.632	1790	1796	1808	VV 3	6275	107328	0.20%	0.038%
33	13.879	1829	1838	1845	BV 2	1949	30345	0.06%	0.011%
34	15.759	2152	2158	2161	VV 2	2101	32746	0.06%	0.012%
35	16.799	2330	2335	2347	VV 4	3778	61036	0.11%	0.021%
36	18.632	2634	2647	2659	PV	2831084	52685922	98.22%	18.510%
37	18.714	2659	2661	2663	VV 2	878	7327	0.01%	0.003%

38	20.207	2912	2915	2925	VV	4	1884	39230	0.07%	0.014%
39	20.600	2961	2982	2989	PV		249853	4410927	8.22%	1.550%
40	21.452	3123	3127	3136	PV	5	1458	22878	0.04%	0.008%
41	22.645	3319	3330	3336	PV		16546	303705	0.57%	0.107%
42	23.021	3380	3394	3413	PV	2	2774269	53639602	100.00%	18.845%
43	23.174	3413	3420	3433	VV		22231	539020	1.00%	0.189%
44	23.256	3433	3434	3440	VV	3	1831	28231	0.05%	0.010%
45	25.160	3744	3758	3772	PV		51238	917818	1.71%	0.322%
46	30.060	4587	4592	4595	PV	2	1771	25118	0.05%	0.009%
47	30.888	4718	4733	4767	PV	2	2382239	49648216	92.56%	17.443%
48	31.100	4767	4769	4775	VV	4	1236	21277	0.04%	0.007%
49	31.458	4826	4830	4835	PV	4	3206	57937	0.11%	0.020%
50	34.790	5384	5397	5448	PV	2	1707985	39759247	74.12%	13.969%
51	35.101	5448	5450	5455	VV	2	1025	14345	0.03%	0.005%
52	35.142	5455	5457	5459	PV		1120	7279	0.01%	0.003%

Sum of corrected areas: 284629799

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020415\07975.D
 Operator : Nefliu
 Acquired : 15 Apr 2002 10:15 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 15
 Quant File :041202SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07975.D
 Acq On : 15 Apr 2002 10:15 pm
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

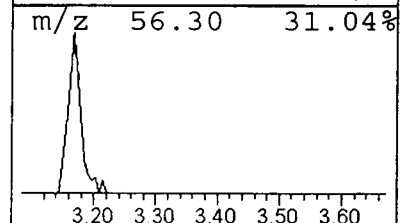
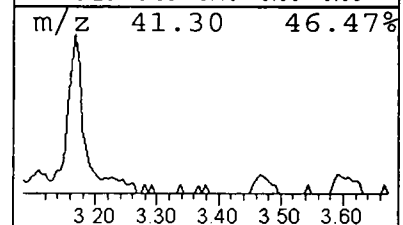
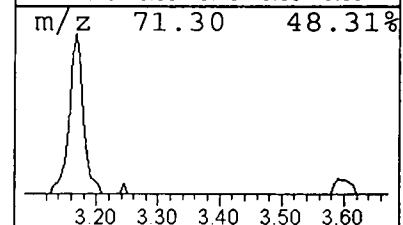
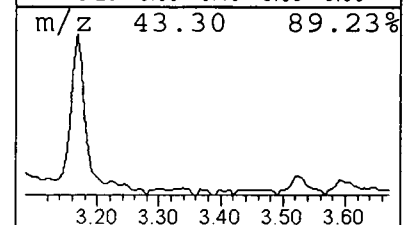
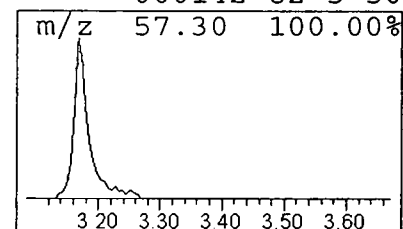
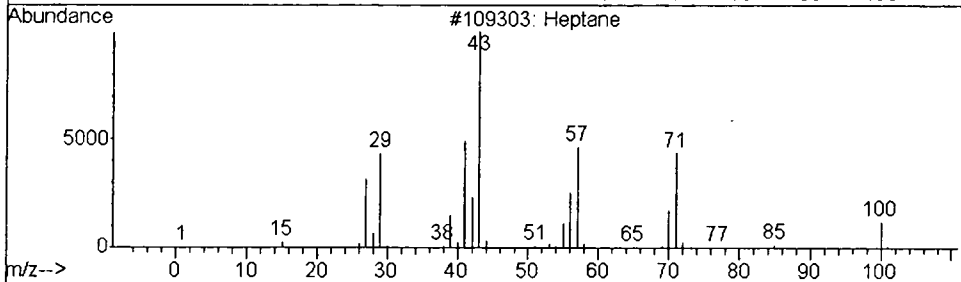
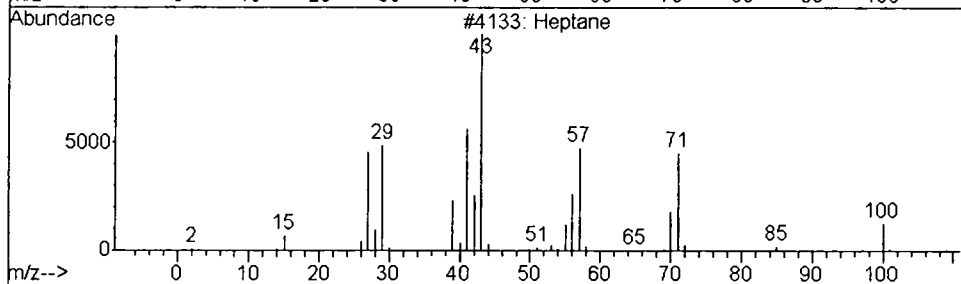
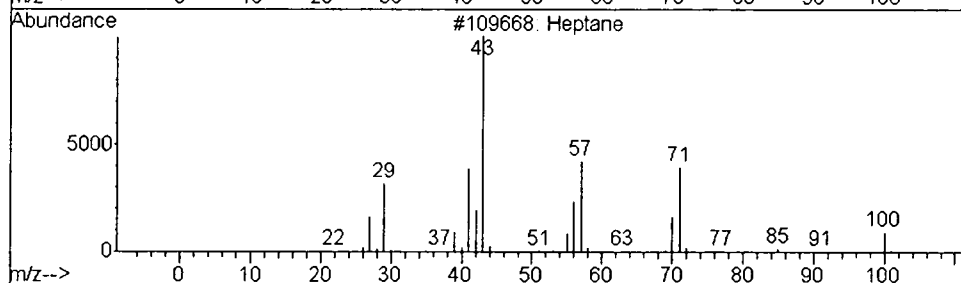
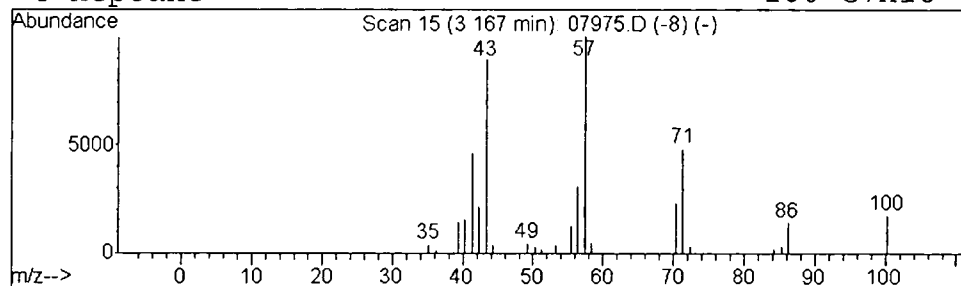
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	0.50 ug/L	418685	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	76
2		Heptane	100	C7H16	000142-82-5	64
3		Heptane	100	C7H16	000142-82-5	64
4		Heptane	100	C7H16	000142-82-5	50



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07975.D
 Acq On : 15 Apr 2002 10:15 pm
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

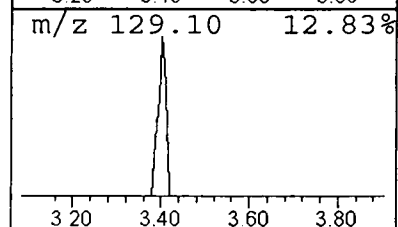
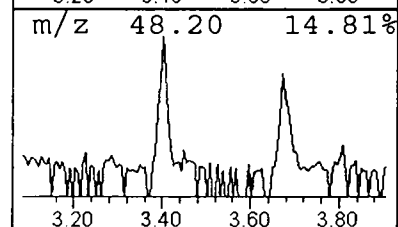
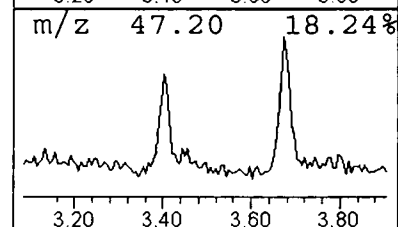
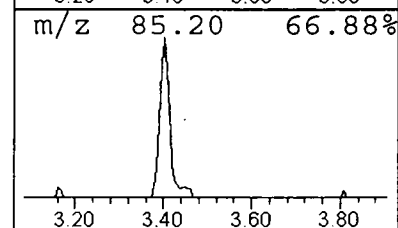
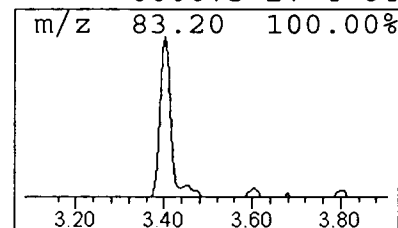
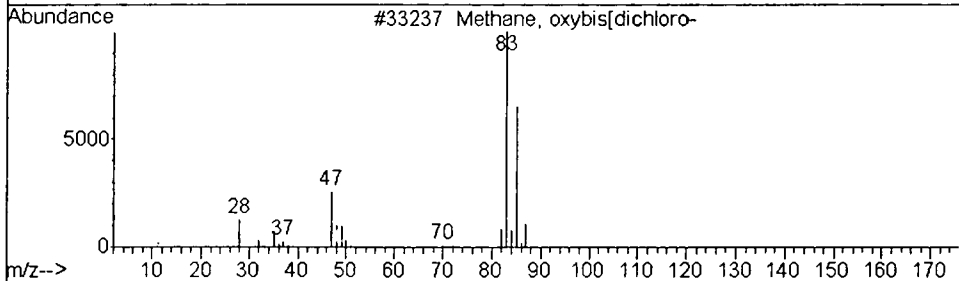
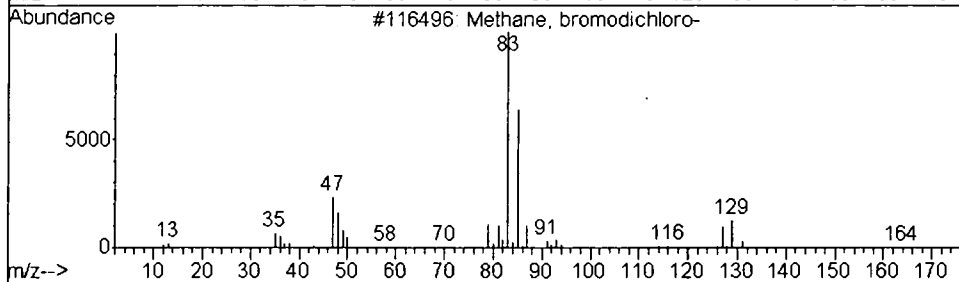
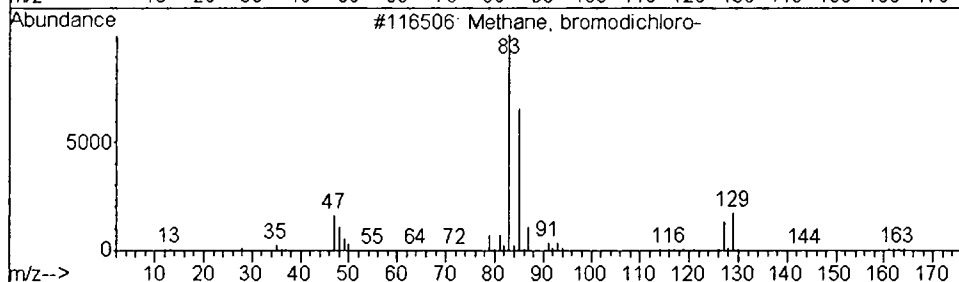
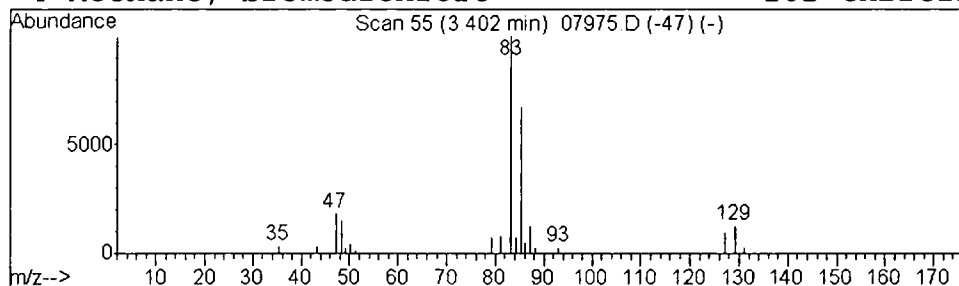
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 Methane, bromodichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	0.29 ug/L	238724	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	90
2		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74
3		Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	64
4		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	64



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07975.D
 Acq On : 15 Apr 2002 10:15 pm
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

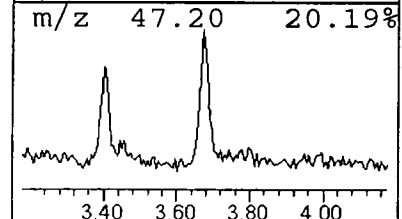
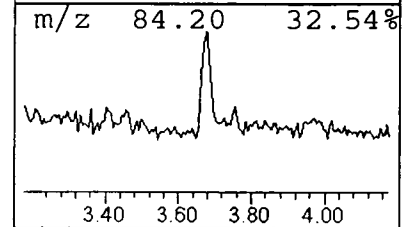
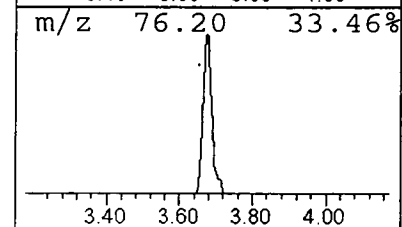
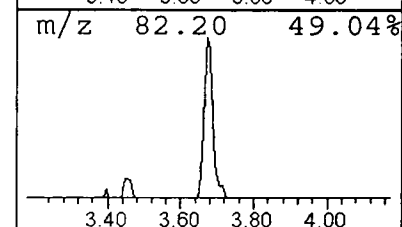
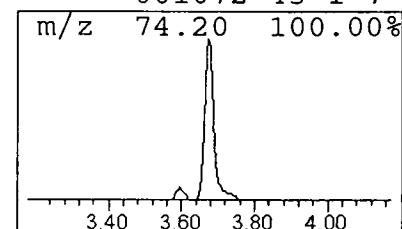
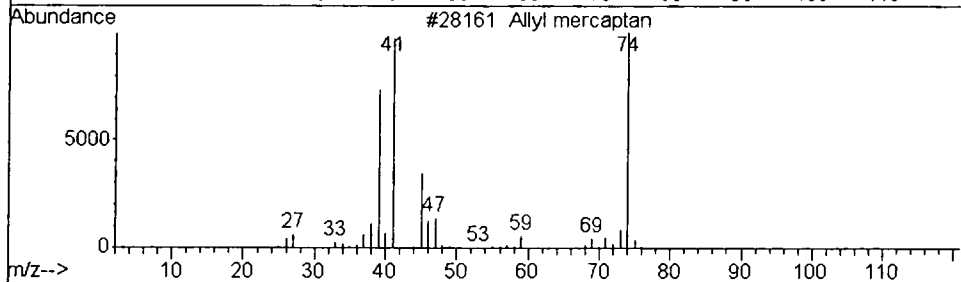
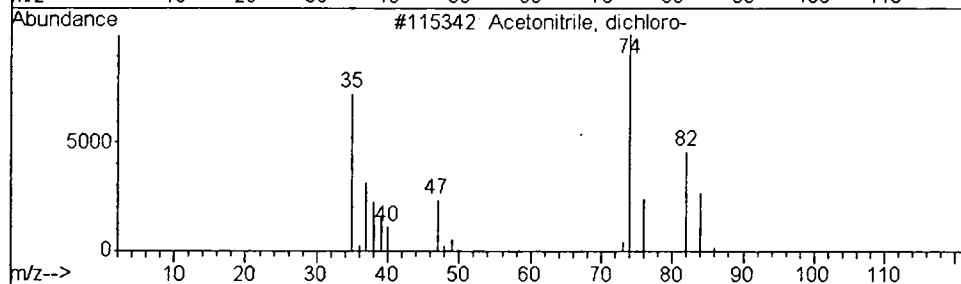
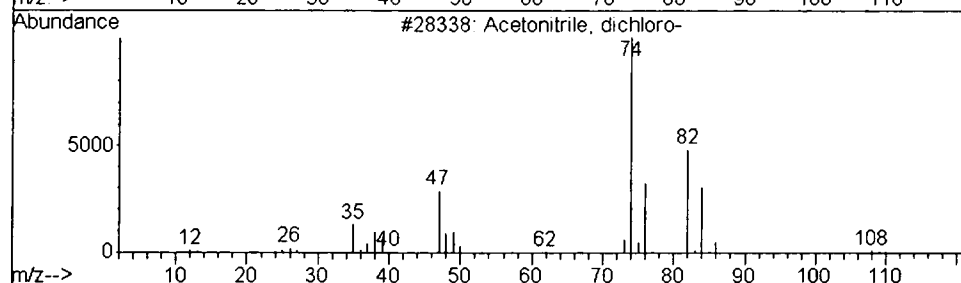
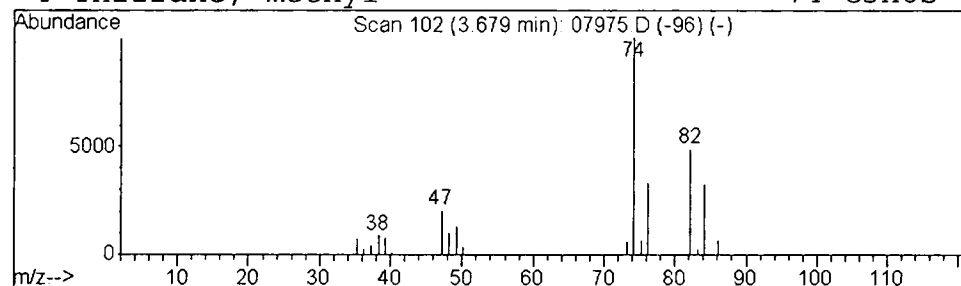
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	0.42 ug/L	354351	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3		Allyl mercaptan	74	C3H6S	000870-23-5	9
4		Thiirane, methyl-	74	C3H6S	001072-43-1	7



Library Search Compound Report

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

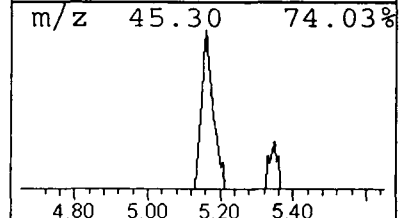
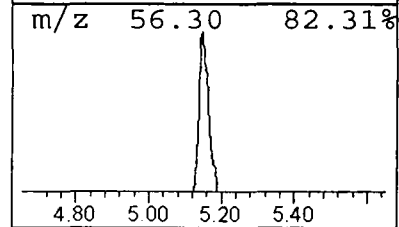
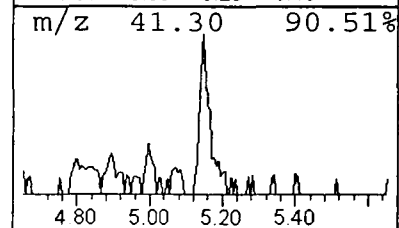
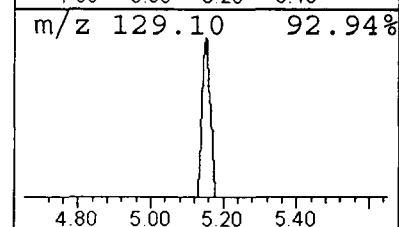
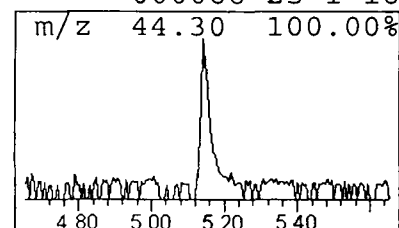
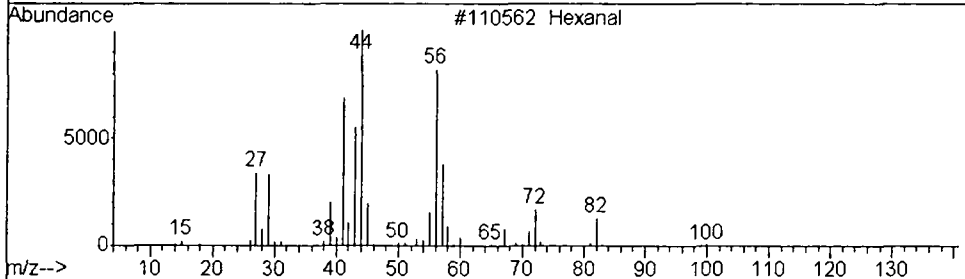
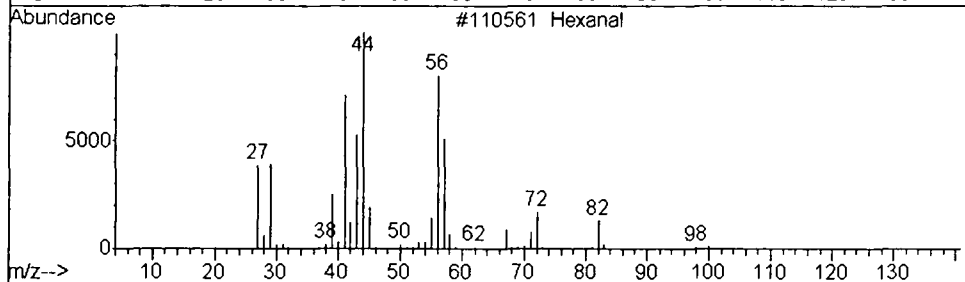
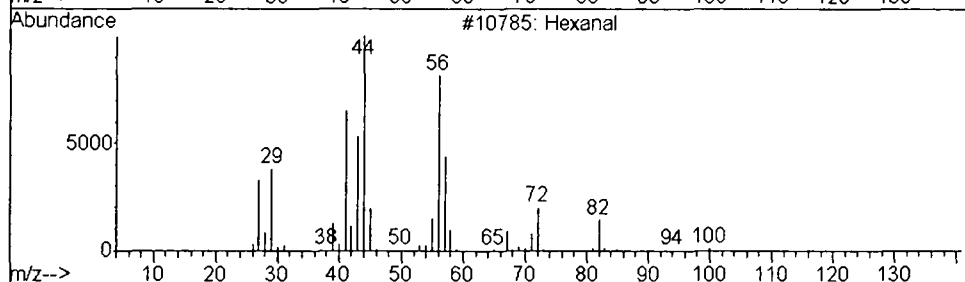
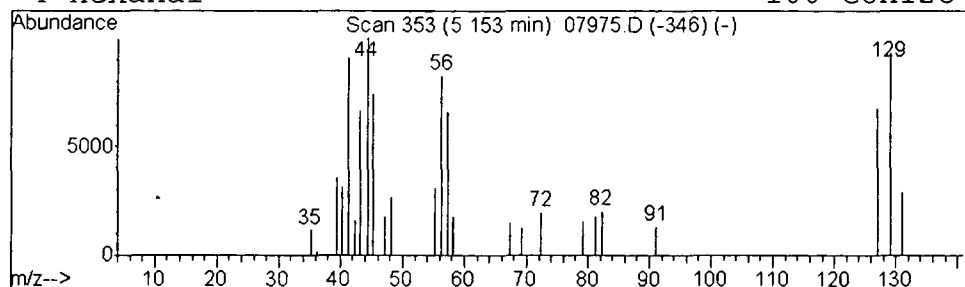
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	0.32 ug/L	270883	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	35
2		Hexanal	100	C6H12O	000066-25-1	16
3		Hexanal	100	C6H12O	000066-25-1	16
4		Hexanal	100	C6H12O	000066-25-1	16



Library Search Compound Report

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Acq On : 15 Apr 2002 10:15 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

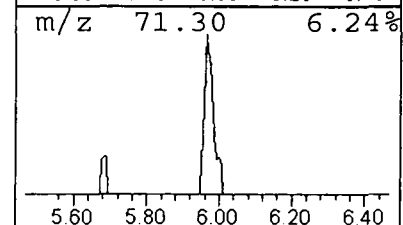
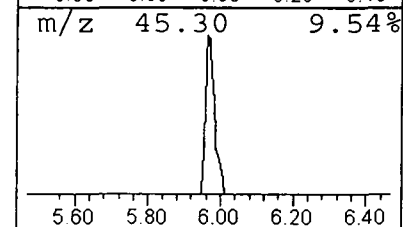
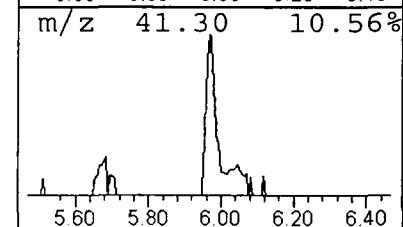
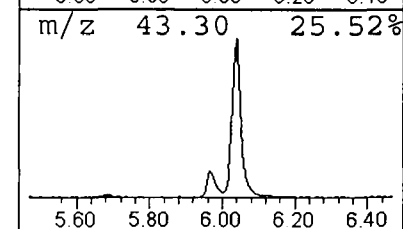
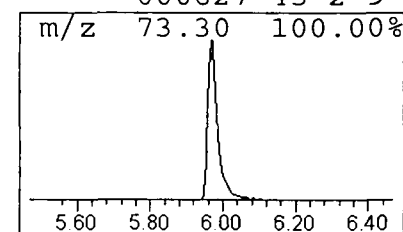
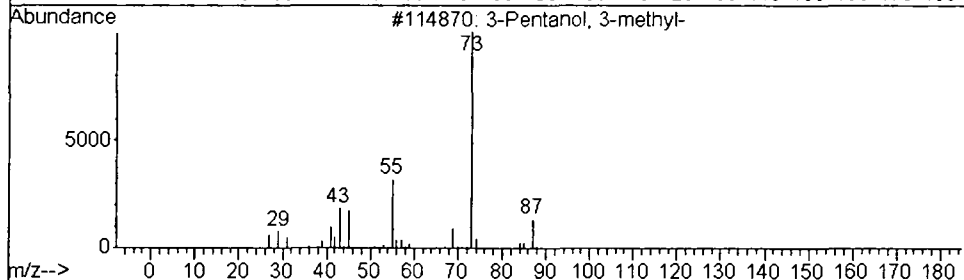
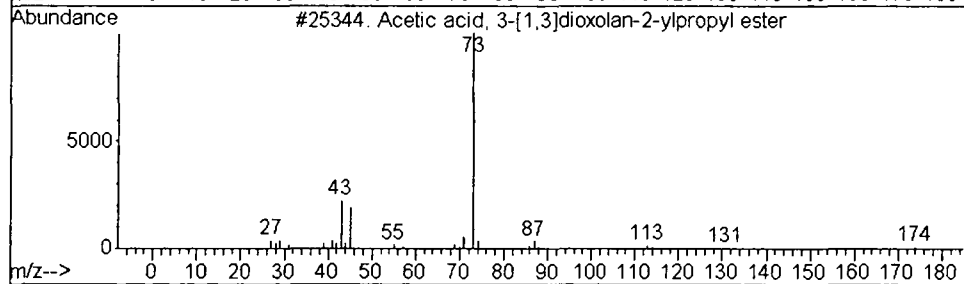
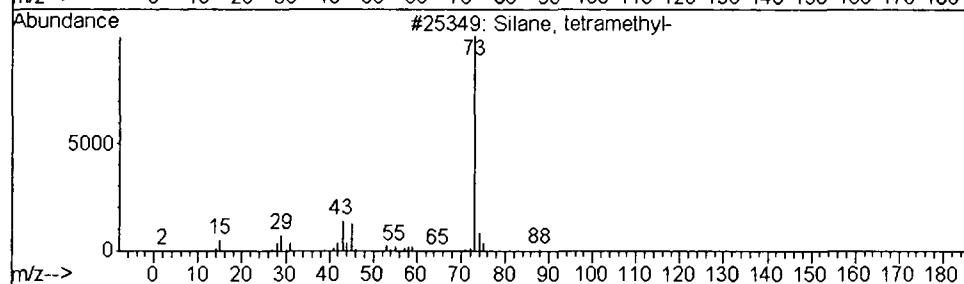
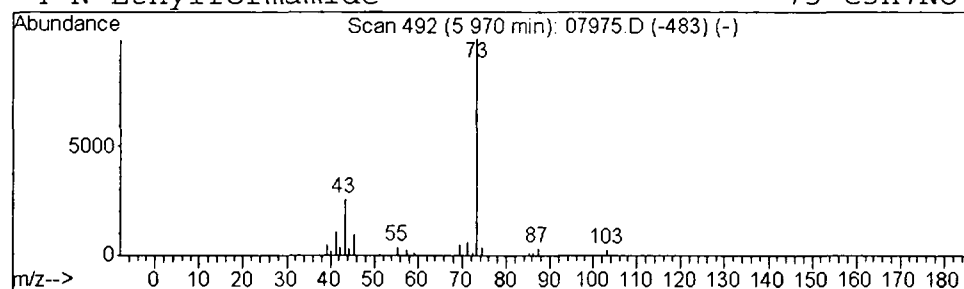
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Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Silane, tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	0.55 ug/L	456956	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
2		Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
3		3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07975.D
Acq On : 15 Apr 2002 10:15 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

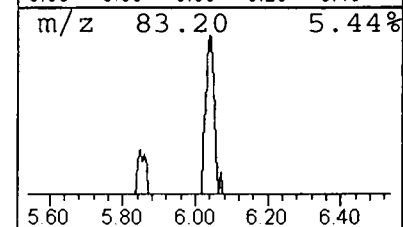
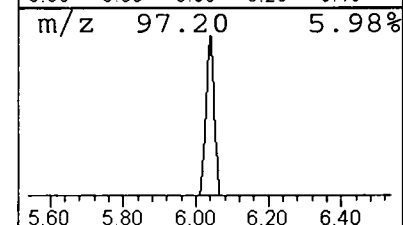
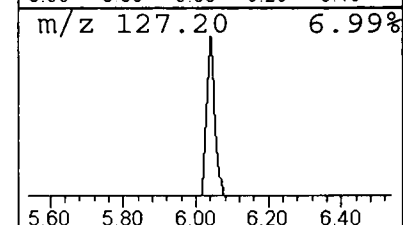
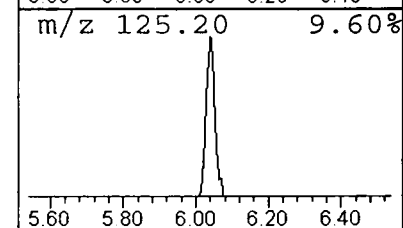
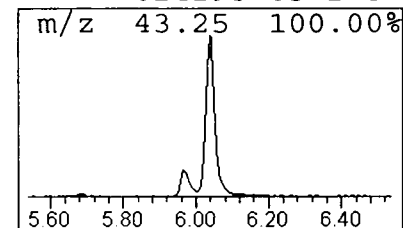
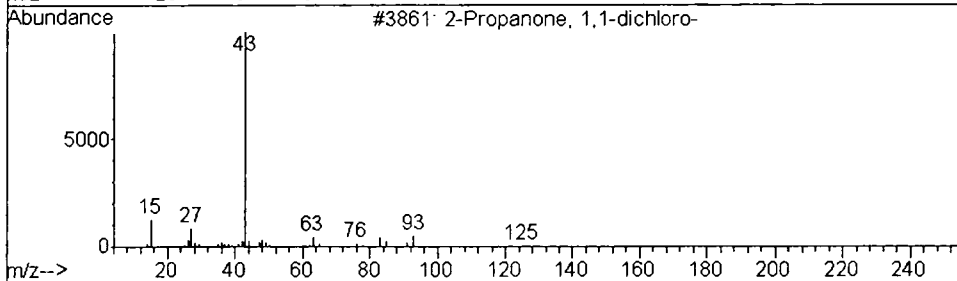
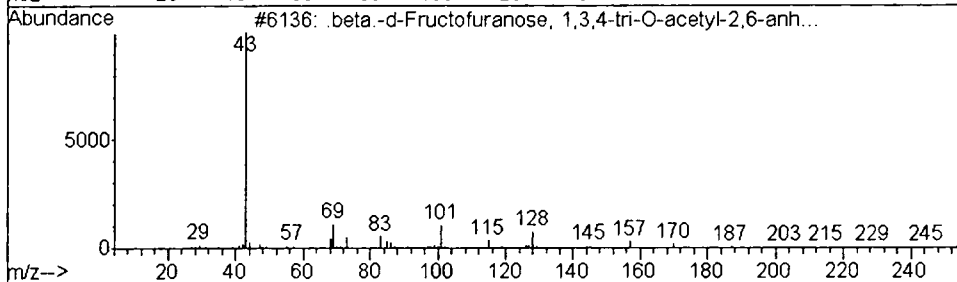
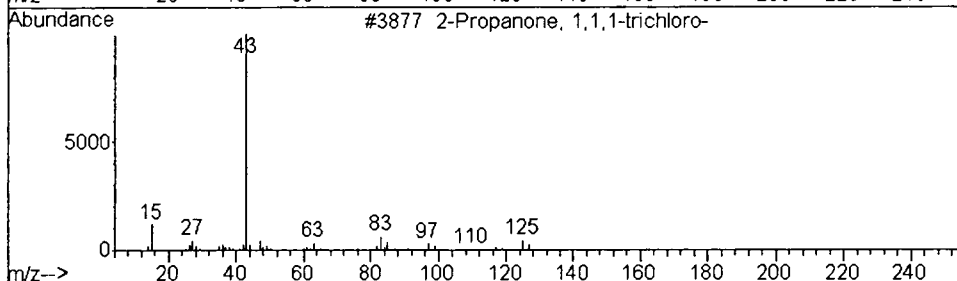
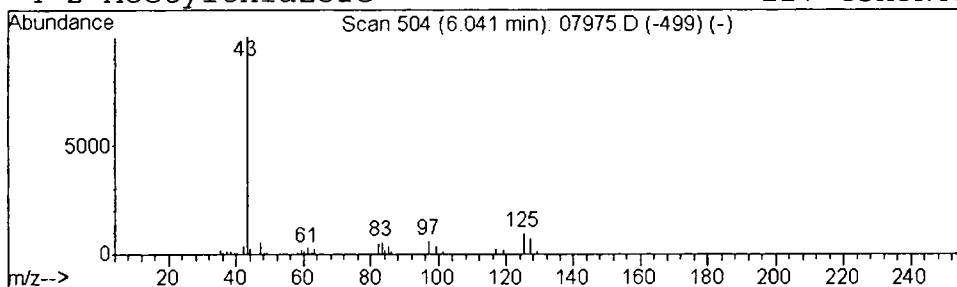
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Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 2-Propanone, 1,1,1-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	0.87 ug/L	727284	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	50
2			.beta.-d-Fructofuranose, 1,3,4-t...	288	C12H16O8	1000151-08-8	17
3			2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
4			2-Acetylthiazole	127	C5H5NOS	024295-03-2	5



Library Search Compound Report

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 Acq On : 15 Apr 2002 10:15 pm
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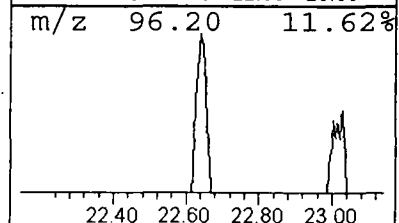
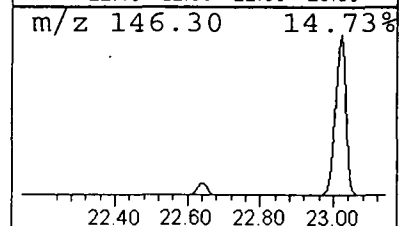
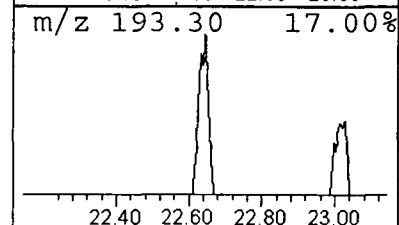
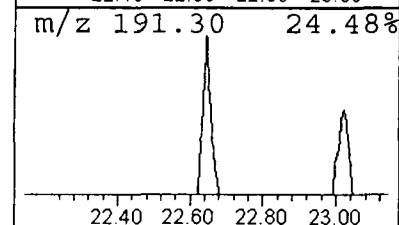
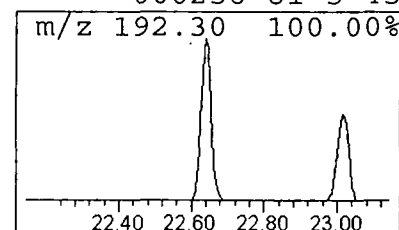
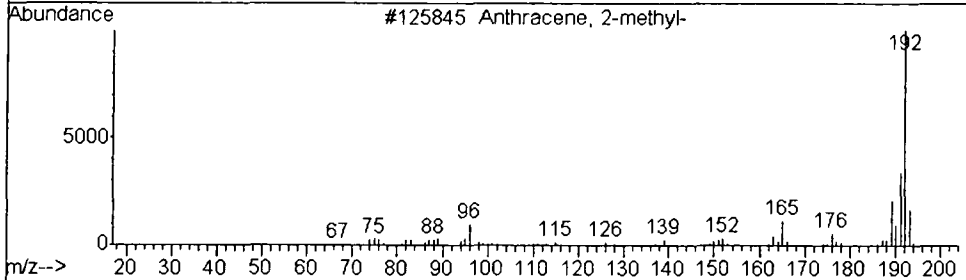
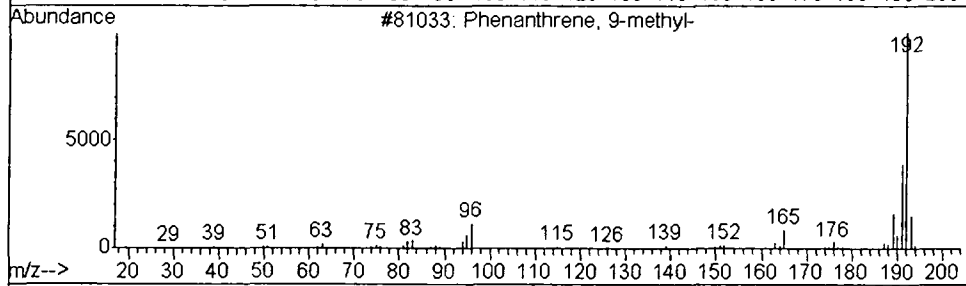
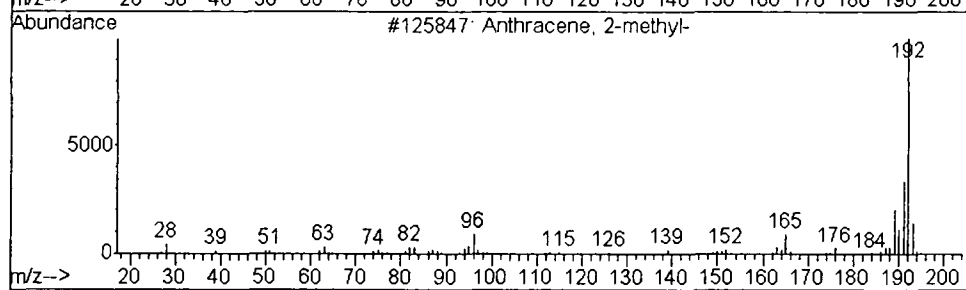
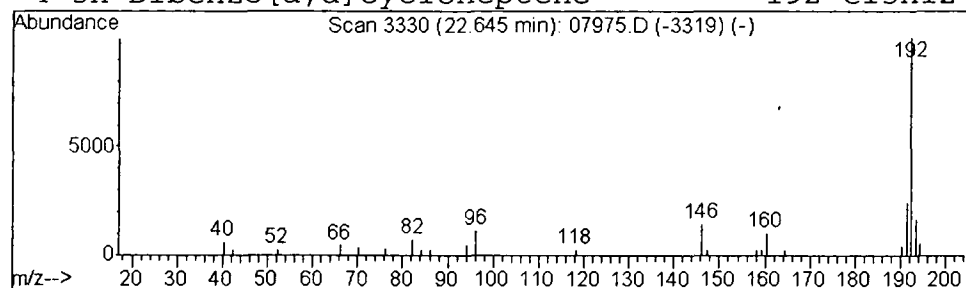
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Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan
 Library : C:\DATABASE\NIST98.L

 Peak Number 7 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.23 ug/L	303705	Phenanthranene-d10	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
2		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07975.D
 Acq On : 15 Apr 2002 10:15 pm
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 Misc :
 MS Integration Params: LSCINT.e

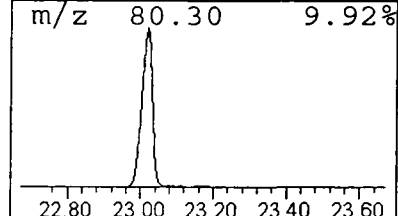
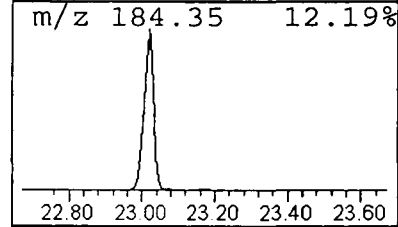
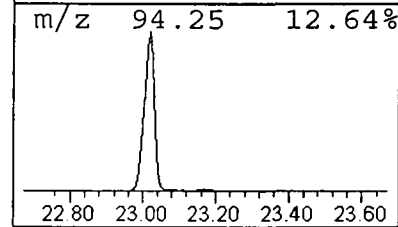
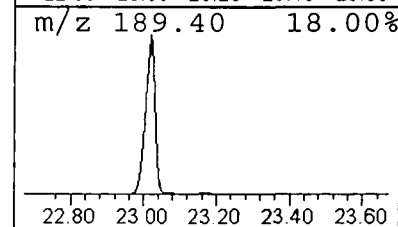
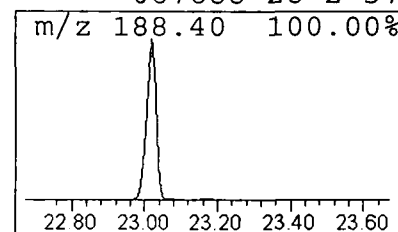
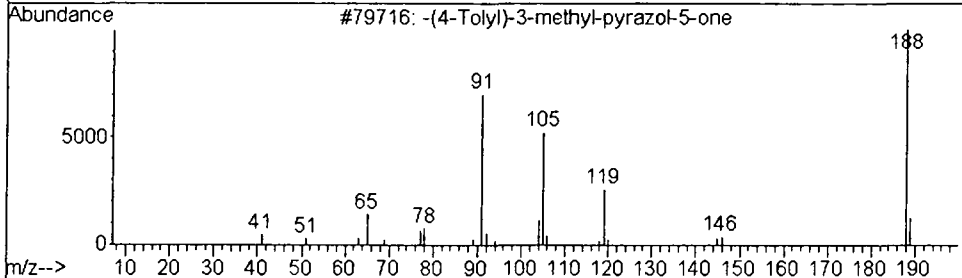
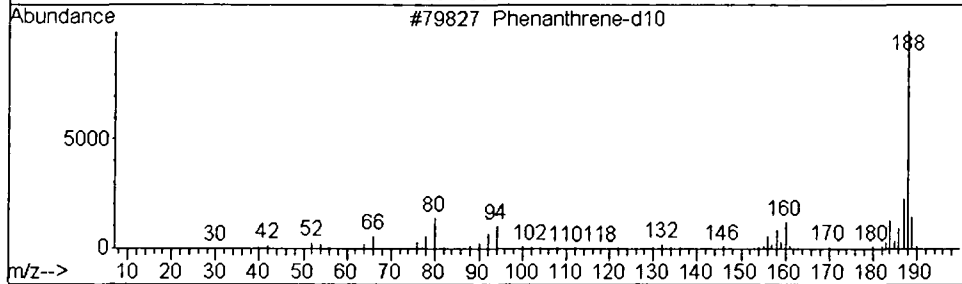
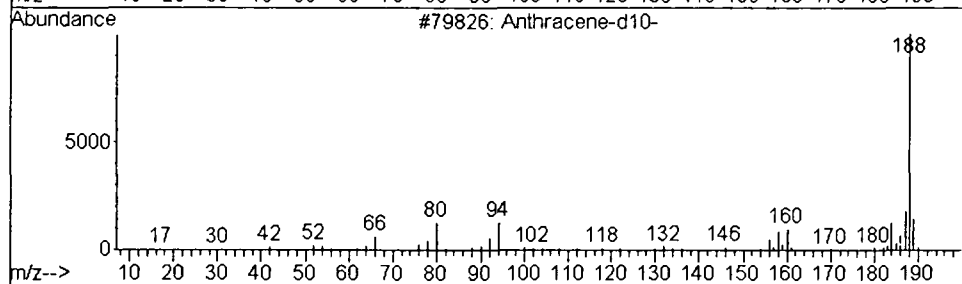
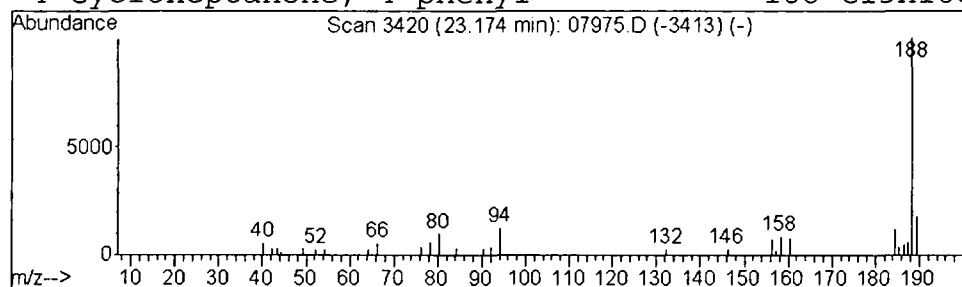
Vial: 15
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 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 8 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	0.40 ug/L	539020	Phenanthranene-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	64
3		-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	47
4		Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	37



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 15 Apr 2002 10:15 pm
Data File: C:\MSDCHEM\1\DATA\020415\07975.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	#	RT	Internal Standard Resp	Conc
✓ Heptane	3.17	0.5	ug/L	418685	1	9.99	33504100	40.0
✓ Methane, bromodic...	3.40	0.3	ug/L	238724	1	9.99	33504100	40.0
✓ Acetonitrile, dic...	3.68	0.4	ug/L	354351	1	9.99	33504100	40.0
Hexanal	5.15	0.3	ug/L	270883	1	9.99	33504100	40.0
Silane, tetramethyl-	5.97	0.5	ug/L	456956	1	9.99	33504100	40.0
2-Propanone, 1,1,...	6.04	0.9	ug/L	727284	1	9.99	33504100	40.0
Anthracene, 2-met...	22.64	0.2	ug/L	303705	4	23.02	53639600	40.0
Anthracene-d10-	23.17	0.4	ug/L	539020	4	23.02	53639600	40.0