

User: Nefliu, Marcela
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 15:41:41

Sample: AE08251
 Analysis: \$B1GCMS Blank for GCMS Scan
 Units: ug
 Started: 4/8/02 14:23 Ended: 4/17/02 14:23 Analyst: MN
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		< MDL		2.0
2	bis(2-Chloroethyl)ether		< MDL		2.0
3	1,3-Dichlorobenzene		< MDL		2.0
4	1,4-Dichlorobenzene		< MDL		2.0
5	1,2-Dichlorobenzene		< MDL		2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL		2.0
7	n-Nitrosodi-n-propylamine		< MDL		2.0
8	Hexachloroethane		< MDL		2.0
9	Nitrobenzene		< MDL		2.0
10	Isophorone		< MDL		2.0
11	bis(2-Chloroethoxy)methane		< MDL		2.0
12	1,2,4-Trichlorobenzene		< MDL		2.0
13	Naphthalene		< MDL		2.0
14	Hexachlorobutadiene		< MDL		2.0
15	2-Chloronaphthalene		< MDL		2.0
16	Dimethylphthalate		< MDL		2.0
17	2,6-Dinitrotoluene		< MDL		2.0
18	Acenaphthylene		< MDL		2.0
19	Acenaphthene		< MDL		2.0
20	2,4-Dinitrotoluene		< MDL		2.0
21	Diethylphthalate		< MDL		2.0
22	4-Chlorophenylphenylether		< MDL		2.0
23	Fluorene		< MDL		2.0
24	Azobenzene		< MDL		2.0
25	n-Nitrosodiphenylamine		< MDL		2.0
26	4-Bromophenylphenylether		< MDL		2.0
27	Hexachlorobenzene		< MDL		2.0
28	Phenanthrene		< MDL		2.0
29	Anthracene		< MDL		2.0
30	Di-n-butylphthalate		< MDL		2.0
31	Fluoranthene		< MDL		2.0
32	Pyrene		< MDL		2.0
33	Butylbenzylphthalate		< MDL		2.0
34	Benzo(a)anthracene		< MDL		2.0
35	bis(2-Ethylhexyl)phthalate		< MDL		2.0
36	Chrysene		< MDL		2.0
37	Di-n-octylphthalate		< MDL		2.0
38	Benzo(b)fluoranthene		< MDL		2.0
39	Benzo(k)fluoranthene		< MDL		2.0
40	Benzo(a)pyrene		< MDL		2.0
41	Indeno(1,2,3-cd)pyrene		< MDL		2.0
42	Dibenz(a,h)anthracene		< MDL		2.0
43	Benzo(g,h,i)perylene		< MDL		2.0

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020417\0408LB.D

Vial: 3

Acq On : 17 Apr 2002 11:01 am

Operator: Nefliu

Sample : 04/08 lb

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 17 11:42:27 2002

Quant Results File: 041702SCAN.RE

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)

Title : 508 Modified GC/MS scan

Last Update : Wed Apr 17 08:01:11 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	6365161	40.00	ug/L	-0.02
10) Napthalene-d8	13.49	136	24571066	40.00	ug/L	-0.03
17) Acenapthalene-d10	18.63	164	13131818	40.00	ug/L	-0.02
29) Phenanthranene-d10	23.02	188	19740264	40.00	ug/L	-0.02
37) Chrysene-d12	30.88	240	13925329	40.00	ug/L	-0.05
43) Perylene-d12	34.79	264	9384085	40.00	ug/L	-0.02

System Monitoring Compounds

27) TCMX	20.60	207	364152	5.00	ug/L	0.00
Spiked Amount	8.000		Recovery	=	62.50%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
0408LB.D 041702SCAN.M Thu Apr 18 14:05:43 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020417\0408LB.D

Acq On : 17 Apr 2002 11:01 am

Sample : 04/08 lb

Misc :

MS Integration Params: EVENTS.E

Quant Time: Apr 17 11:44 2002

Vial: 3

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

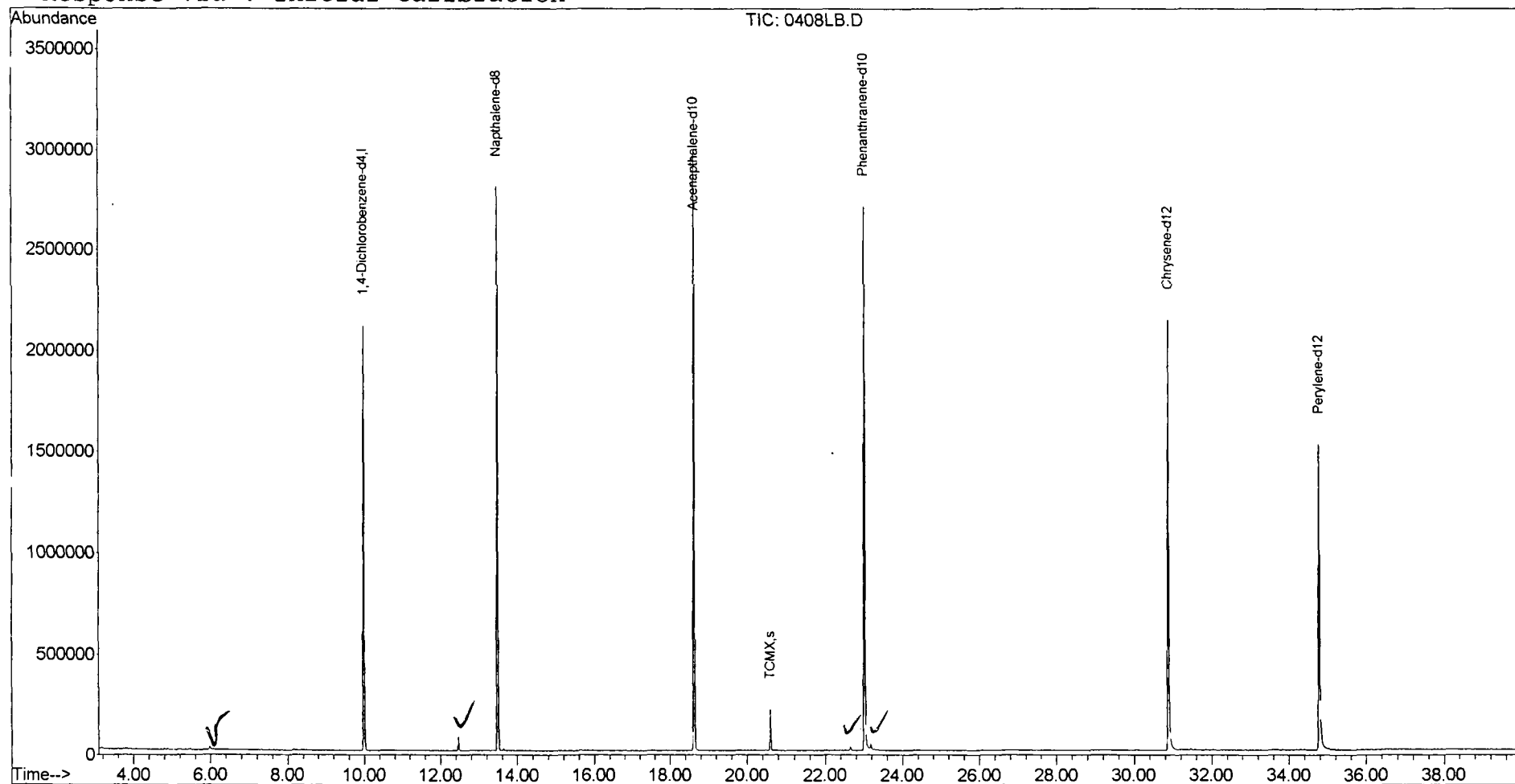
Quant Results File: 041702SCAN.RES

Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)

Title : 508 Modified GC/MS scan

Last Update : Thu Apr 18 09:38:13 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020417\0408LB.D
 Acq On : 17 Apr 2002 11:01 am
 Sample : 04/08 lb
 Misc :
 MS Integration Params: LSCINT.e

Vial: 3
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\041702SCAN.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	3.132	3	9	12	BV 7	2025	14429	0.03%	0.005%
2	3.161	12	14	25	VV 4	4139	70004	0.13%	0.024%
3	3.584	82	86	96	PV 8	1971	44472	0.08%	0.015%
4	3.714	105	108	114	VV 3	2240	52100	0.09%	0.018%
5	3.778	114	119	126	VV 3	2962	94394	0.17%	0.032%
6	3.843	126	130	138	VV 4	2753	75243	0.14%	0.026%
7	4.207	188	192	197	VV 4	2400	45123	0.08%	0.015%
8	4.307	206	209	215	VV 3	3248	65716	0.12%	0.023%
9	4.395	221	224	227	VV 2	3185	42152	0.08%	0.014%
10	4.466	235	236	239	VV 2	1713	13853	0.03%	0.005%
11	4.619	257	262	271	PV 6	1625	33543	0.06%	0.012%
12	4.795	288	292	297	PV 7	3387	66808	0.12%	0.023%
13	4.895	305	309	316	VV 7	4415	105701	0.19%	0.036%
14	5.065	334	338	343	VV 3	3312	60341	0.11%	0.021%
15	5.165	347	355	357	VV 6	3692	65767	0.12%	0.023%
16	5.183	357	358	363	VV 3	2345	32315	0.06%	0.011%
17	5.341	379	385	389	PV 5	1922	31873	0.06%	0.011%
18	5.471	403	407	416	VV 2	4305	95416	0.17%	0.033%
19	5.559	420	422	431	VV 3	1833	27252	0.05%	0.009%
20	5.976	486	493	503	VV 2	13676	307363	0.56%	0.106%
21	6.052	503	506	513	VV 6	3294	85646	0.16%	0.029%
22	6.240	535	538	540	VV	2043	21705	0.04%	0.007%
23	6.640	603	606	609	PV	1817	25955	0.05%	0.009%
24	7.145	690	692	694	VV	1461	6584	0.01%	0.002%
25	8.162	855	865	870	PV 5	4997	98819	0.18%	0.034%
26	8.355	894	898	902	VV 2	2083	29196	0.05%	0.010%
27	8.814	974	976	984	VV 2	1833	32294	0.06%	0.011%
28	9.730	1130	1132	1134	VV 2	2065	16635	0.03%	0.006%
29	9.989	1163	1176	1196	VV	2096394	38037104	69.09%	13.064%
30	10.130	1196	1200	1206	VV 2	2421	62649	0.11%	0.022%
31	10.183	1206	1209	1213	VV 2	2078	28982	0.05%	0.010%
32	10.441	1249	1253	1258	VV 2	2494	47374	0.09%	0.016%
33	11.035	1352	1354	1356	PV	1851	14793	0.03%	0.005%
34	11.152	1372	1374	1376	VV	1816	14512	0.03%	0.005%
35	11.816	1485	1487	1493	VV 2	2048	34336	0.06%	0.012%
36	12.462	1589	1597	1605	VV	70692	1136864	2.06%	0.390%
37	12.545	1608	1611	1612	VV	2303	25148	0.05%	0.009%

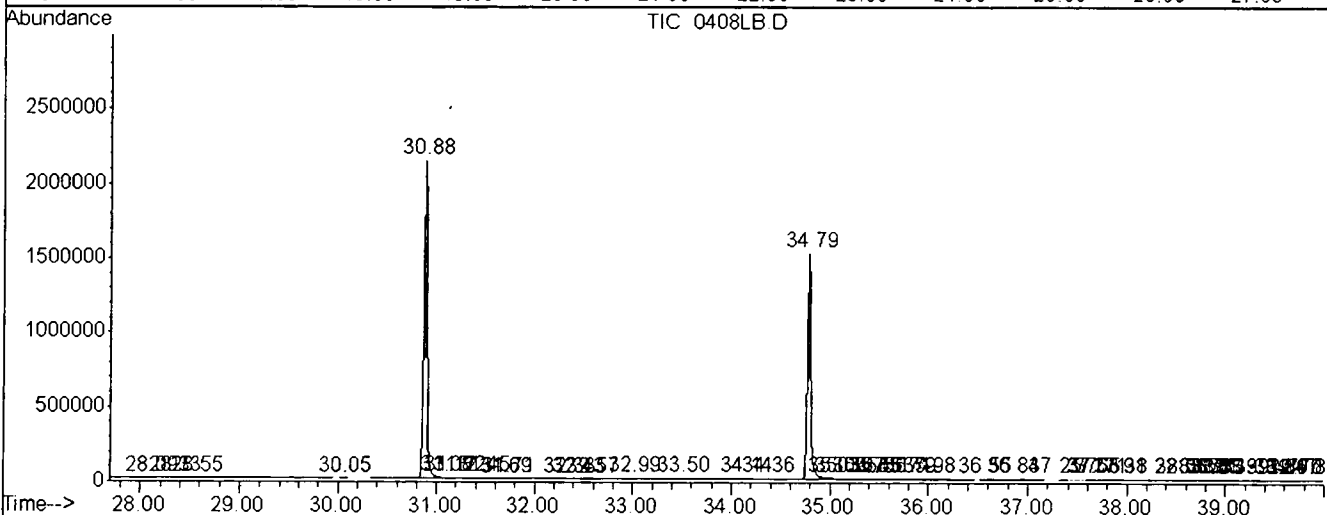
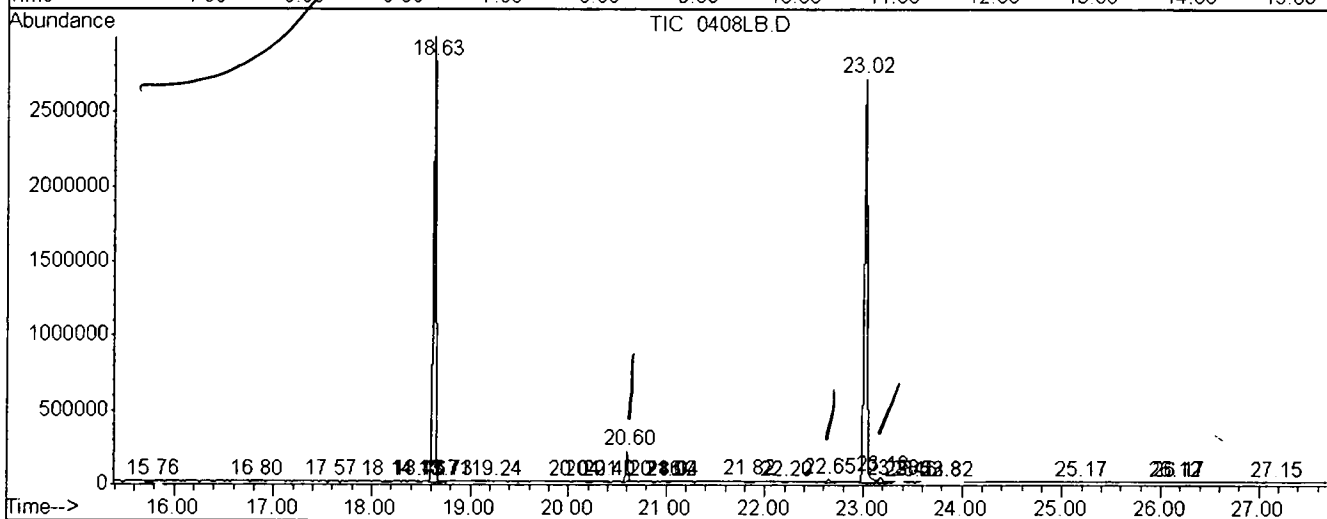
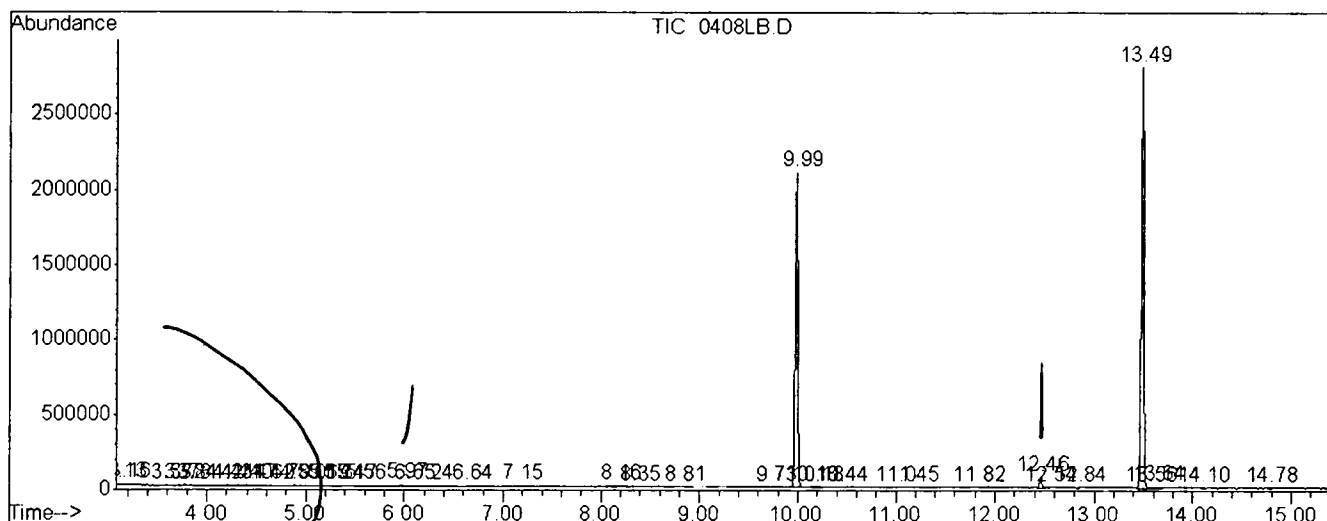
38	12.838	1659	1661	1663	PV		1881	14582	0.03%	0.005%	
39	13.485	1762	1771	1783	VV	2750192	50525670	91.77%	17.354%		
40	13.561	1783	1784	1791	VV		3	3420	84786	0.15%	0.029%
41	13.638	1791	1797	1807	VV		3	8984	224144	0.41%	0.077%
42	14.096	1871	1875	1882	VV		2578	56633	0.10%	0.019%	
43	14.783	1988	1992	1997	VV	2	1988	30715	0.06%	0.011%	
44	15.759	2148	2158	2162	VV	4	2987	54898	0.10%	0.019%	
45	16.805	2329	2336	2344	PV	3	3983	95190	0.17%	0.033%	
46	17.568	2463	2466	2468	PV	2	1619	13922	0.03%	0.005%	
47	18.138	2559	2563	2575	PV	2	1723	54536	0.10%	0.019%	
48	18.456	2615	2617	2623	VV		1996	25427	0.05%	0.009%	
49	18.632	2636	2647	2660	VV	2927065	55056533	100.00%	18.910%		
50	18.714	2660	2661	2663	VV			3926	45273	0.08%	0.016%
51	18.732	2663	2664	2669	VV	2	3199	57222	0.10%	0.020%	
52	19.243	2749	2751	2752	VV		2810	21500	0.04%	0.007%	
53	20.036	2884	2886	2889	VV		2273	17421	0.03%	0.006%	
54	20.212	2910	2916	2923	VV	3	2683	63726	0.12%	0.022%	
55	20.394	2941	2947	2954	VV	3	3420	81140	0.15%	0.028%	
56	20.600	2972	2982	2990	PV	2	197326	3457636	6.28%	1.188%	
57	20.865	3025	3027	3034	PV	2	2315	33960	0.06%	0.012%	
58	21.023	3049	3054	3056	VV		1660	22644	0.04%	0.008%	
59	21.041	3056	3057	3059	VV		1984	16480	0.03%	0.006%	
60	21.822	3186	3190	3203	VV	5	5495	141885	0.26%	0.049%	
61	22.198	3250	3254	3260	VV	2	1812	38567	0.07%	0.013%	
62	22.645	3322	3330	3345	VV	3	19583	406624	0.74%	0.140%	
63	23.021	3382	3394	3415	VV	2	2654158	54670262	99.30%	18.777%	
64	23.174	3415	3420	3436	VV	2	32073	1040033	1.89%	0.357%	
65	23.279	3436	3438	3441	VV	4	6906	118856	0.22%	0.041%	
66	23.462	3465	3469	3471	VV	4	4104	67396	0.12%	0.023%	
67	23.520	3476	3479	3483	VV		3753	60549	0.11%	0.021%	
68	23.820	3525	3530	3532	PV	2	1741	29988	0.05%	0.010%	
69	25.171	3759	3760	3762	VV		2192	16017	0.03%	0.006%	
70	26.117	3918	3921	3924	VV		1858	23472	0.04%	0.008%	
71	26.164	3924	3929	3932	VV		1841	25386	0.05%	0.009%	
72	27.151	4095	4097	4098	VV		1894	13881	0.03%	0.005%	
73	28.091	4255	4257	4266	PV	2	1652	37441	0.07%	0.013%	
74	28.332	4292	4298	4300	VV	2	2101	31436	0.06%	0.011%	
75	28.544	4332	4334	4339	PV		1841	29182	0.05%	0.010%	
76	30.048	4579	4590	4596	VV	4	2179	94103	0.17%	0.032%	
77	30.882	4721	4732	4765	VV	2	2092213	45540429	82.72%	15.642%	
78	31.082	4765	4766	4769	VV	3	5223	72151	0.13%	0.025%	
79	31.117	4769	4772	4776	VV	2	4169	93091	0.17%	0.032%	
80	31.217	4787	4789	4796	VV	2	3047	68354	0.12%	0.023%	
81	31.452	4822	4829	4841	VV	5	6204	207201	0.38%	0.071%	
82	31.687	4866	4869	4871	PV		1900	21977	0.04%	0.008%	
83	31.711	4871	4873	4875	VV	3	1982	24675	0.04%	0.008%	
84	32.328	4976	4978	4983	VV		2002	26726	0.05%	0.009%	
85	32.428	4993	4995	5000	PV	2	1733	16053	0.03%	0.006%	
86	32.575	5014	5020	5022	PV	2	836	8821	0.02%	0.003%	
87	32.998	5084	5092	5094	PV	2	1513	16639	0.03%	0.006%	

88	33.503	5176	5178	5182	VV	1723	17182	0.03%	0.006%
89	34.137	5280	5286	5288	VV 3	1757	20623	0.04%	0.007%
90	34.355	5321	5323	5332	VV 2	1989	35432	0.06%	0.012%
91	34.784	5381	5396	5436	PV 2	1479968	35698230	64.84%	12.261%
92	35.025	5436	5437	5444	VV 2	6622	144361	0.26%	0.050%
93	35.089	5444	5448	5450	VV	4268	80707	0.15%	0.028%
94	35.271	5473	5479	5484	VV 2	3616	92468	0.17%	0.032%
95	35.430	5499	5506	5509	VV 4	2749	70904	0.13%	0.024%
96	35.459	5509	5511	5513	VV 2	2956	33973	0.06%	0.012%
97	35.501	5516	5518	5521	VV 3	2945	39567	0.07%	0.014%
98	35.736	5556	5558	5563	VV	3288	48739	0.09%	0.017%
99	35.788	5563	5567	5571	VV 2	2721	65188	0.12%	0.022%
100	35.982	5597	5600	5607	VV	3133	89006	0.16%	0.031%
101	36.552	5695	5697	5700	VV	3025	36230	0.07%	0.012%
102	36.834	5744	5745	5750	VV 3	3157	51955	0.09%	0.018%
103	37.252	5814	5816	5820	VV 3	2568	44526	0.08%	0.015%
104	37.628	5876	5880	5881	VV 2	1951	26882	0.05%	0.009%
105	37.651	5881	5884	5888	VV 2	2131	39537	0.07%	0.014%
106	37.716	5892	5895	5897	VV 3	2675	39542	0.07%	0.014%
107	37.910	5924	5928	5930	VV 3	2258	34481	0.06%	0.012%
108	38.221	5979	5981	5987	VV 2	2824	60921	0.11%	0.021%
109	38.532	6032	6034	6039	VV	2202	31507	0.06%	0.011%
110	38.656	6053	6055	6058	VV	2410	27749	0.05%	0.010%
111	38.785	6075	6077	6081	VV 2	2224	34835	0.06%	0.012%
112	38.850	6085	6088	6091	PV 2	1676	23674	0.04%	0.008%
113	38.879	6091	6093	6096	VV 2	2094	27546	0.05%	0.009%
114	38.903	6096	6097	6100	VV 3	2175	21971	0.04%	0.008%
115	39.337	6169	6171	6175	VV 2	2086	29225	0.05%	0.010%
116	39.467	6191	6193	6195	VV 2	1982	17827	0.03%	0.006%
117	39.537	6200	6205	6208	VV	2845	48561	0.09%	0.017%
118	39.666	6226	6227	6229	VV 2	1861	12187	0.02%	0.004%
119	39.696	6229	6232	6236	VV 2	1921	19153	0.03%	0.007%
120	39.854	6255	6259	6266	PV 2	1673	26354	0.05%	0.009%

Sum of corrected areas: 291148734

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020417\0408LB.D
 Operator : Nefliu
 Acquired : 17 Apr 2002 11:01 am using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: 04/08 lb
 Misc Info :
 Vial Number: 3
 Quant File :041702SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020417\0408LB.D
 Acq On : 17 Apr 2002 11:01 am
 Sample : 04/08 lb
 Misc :
 MS Integration Params: LSCINT.e

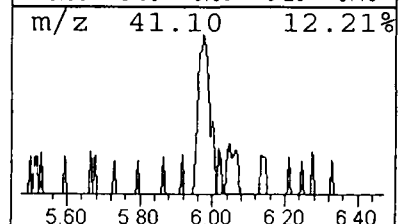
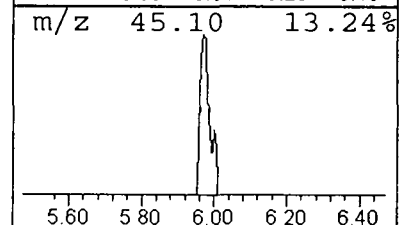
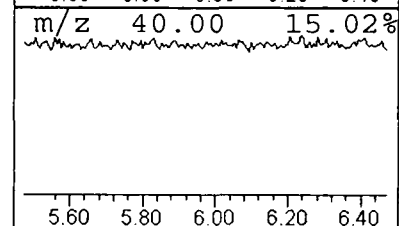
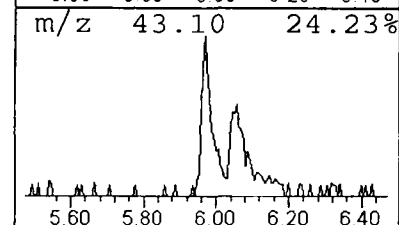
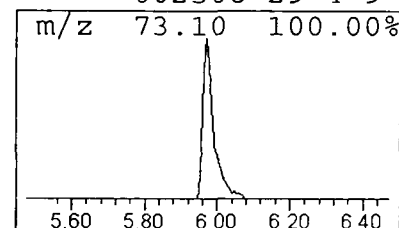
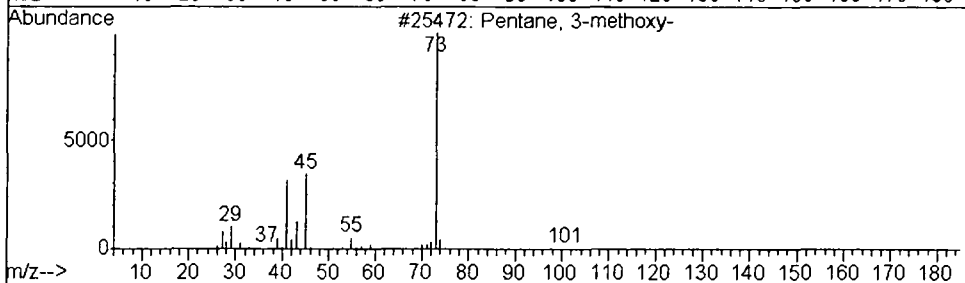
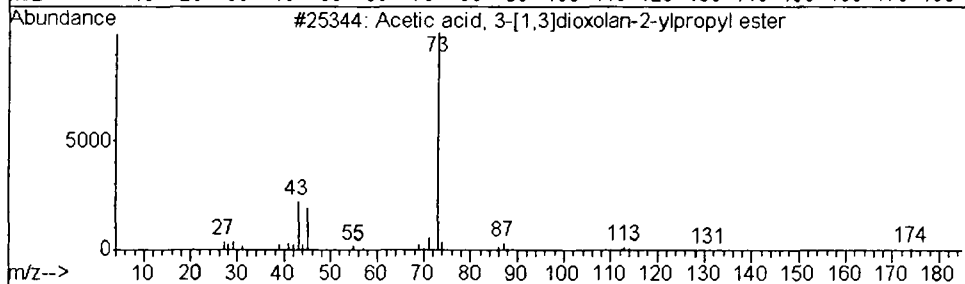
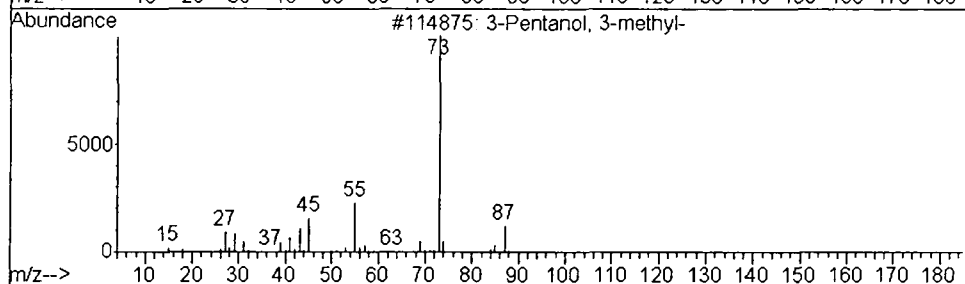
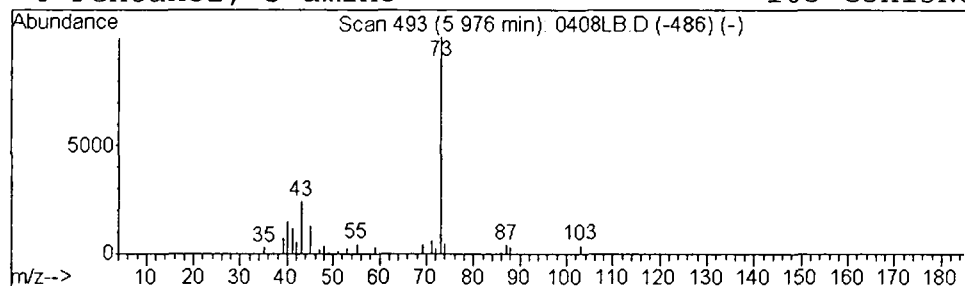
Vial: 3
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan
 Library : C:\DATABASE\NIST98.L

 Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	0.32 ug/L	307363	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
2			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	23
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4			Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020417\0408LB.D
Acq On : 17 Apr 2002 11:01 am
Sample : 04/08 lb
Misc :
MS Integration Params: LSCINT.e

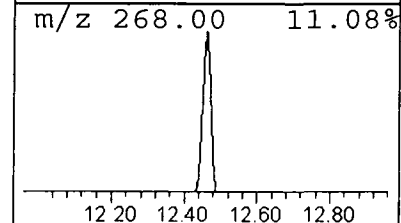
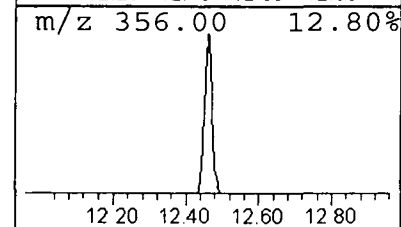
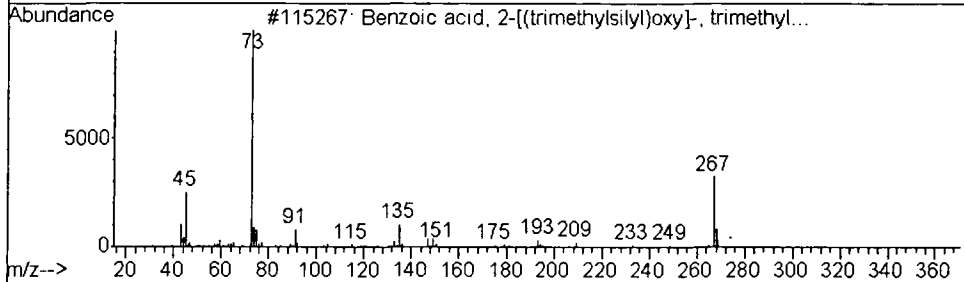
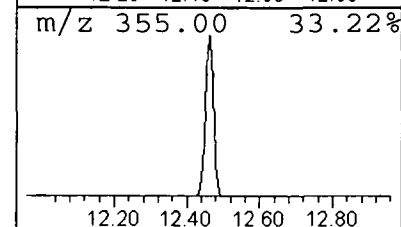
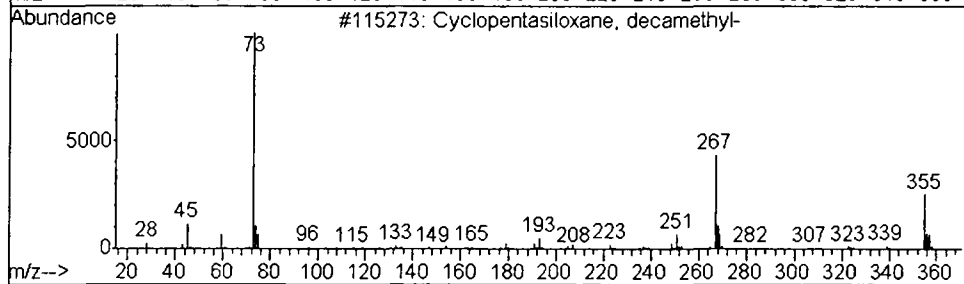
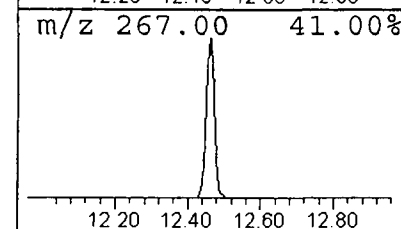
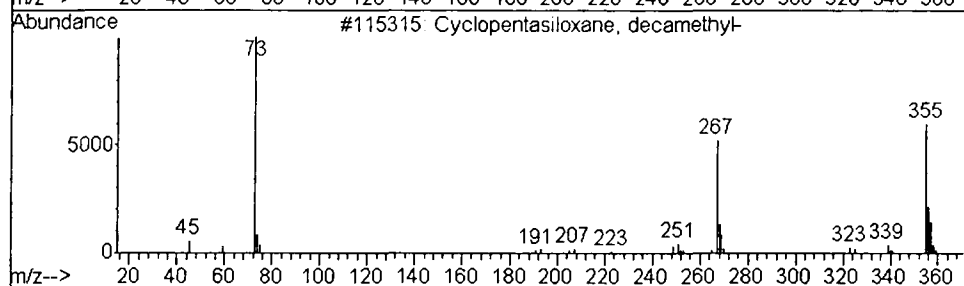
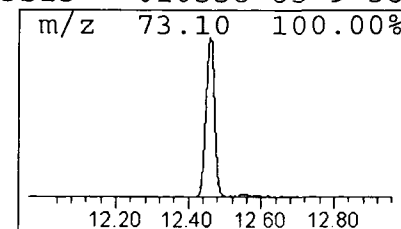
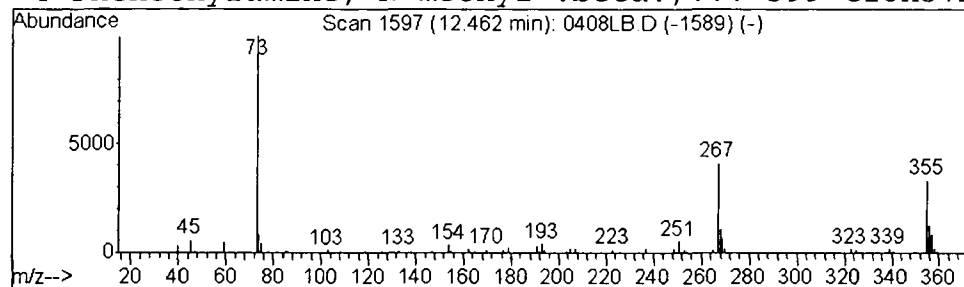
Vial: 3
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	0.90 ug/L	1136860	Napthalene-d8	13.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3			Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	47
4			Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	38



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020417\0408LB.D
Acq On : 17 Apr 2002 11:01 am
Sample : 04/08 lb
Misc :
MS Integration Params: LSCINT.e

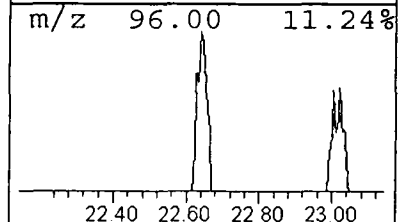
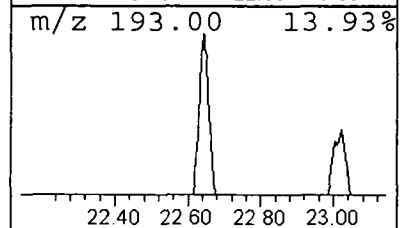
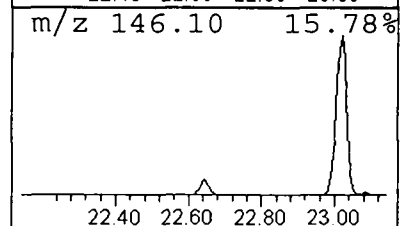
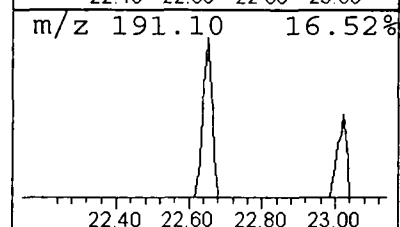
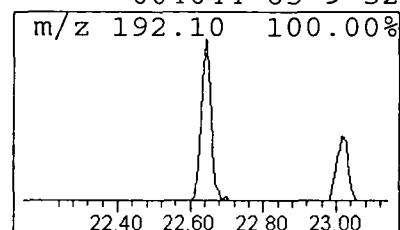
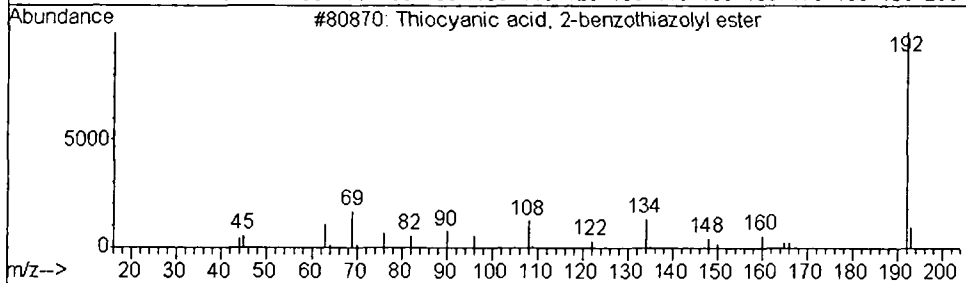
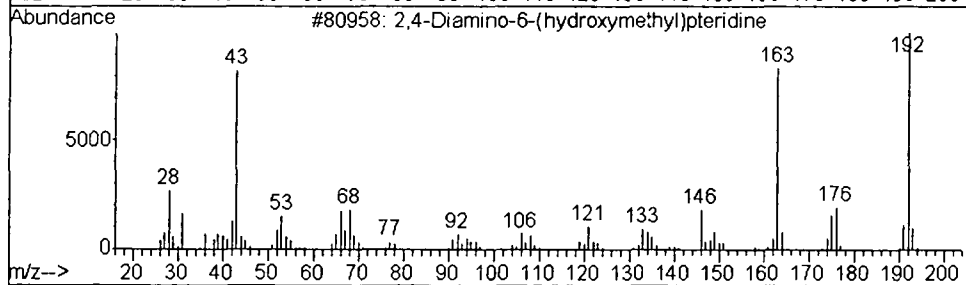
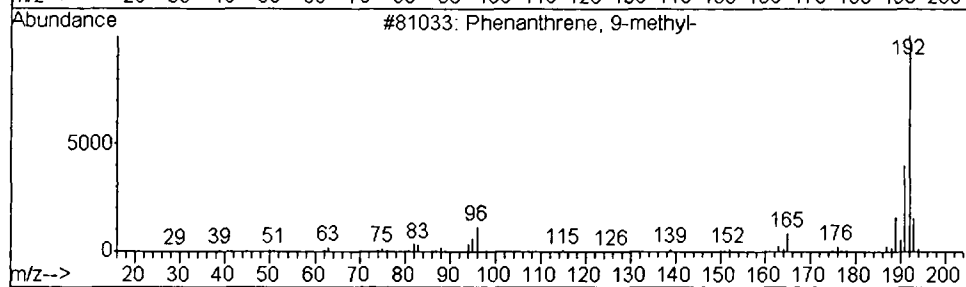
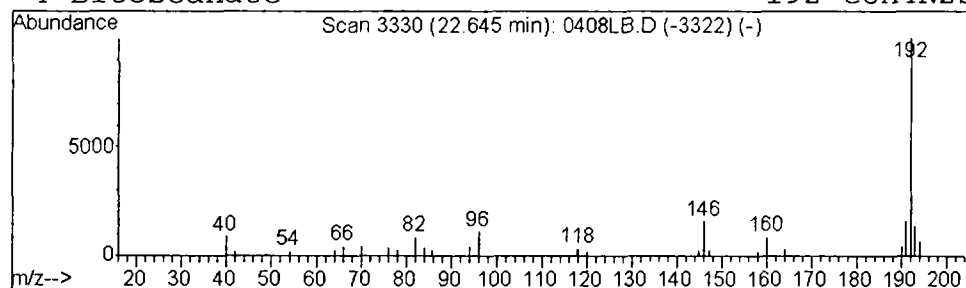
Vial: 3
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 3 Phenanthrene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	0.30 ug/L	406624	Phenanthranene-d10	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
2			2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	59
3			Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53
4			Bitoscanate	192	C8H4N2S2	004044-65-9	52



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020417\0408LB.D
 Acq On : 17 Apr 2002 11:01 am
 Sample : 04/08 lb
 Misc :
 MS Integration Params: LSCINT.e

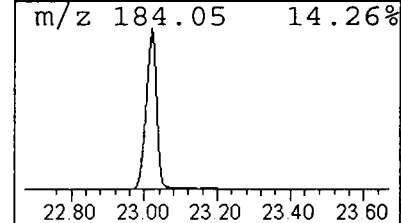
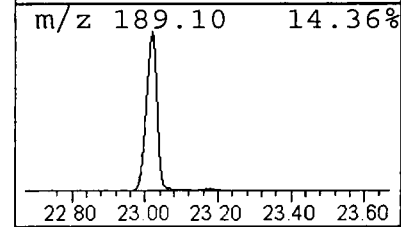
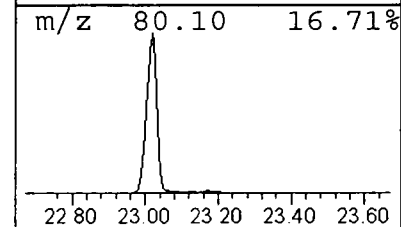
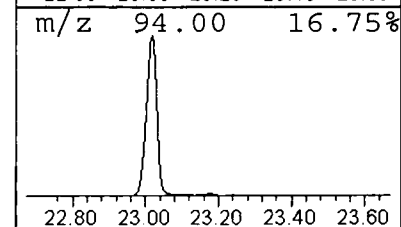
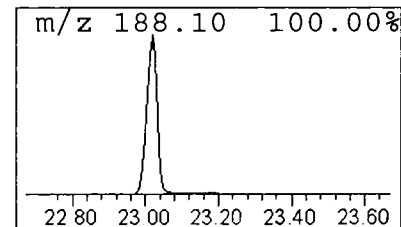
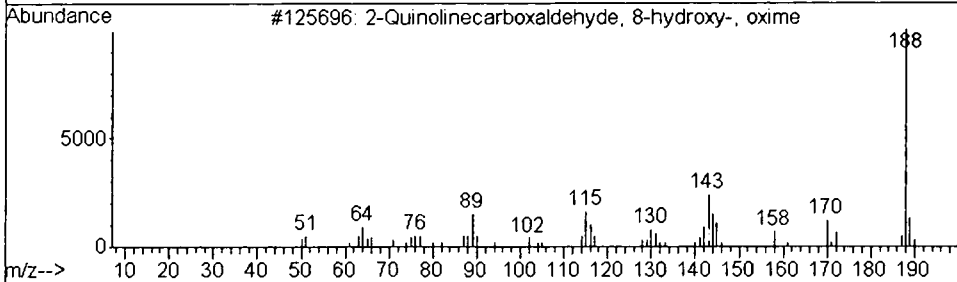
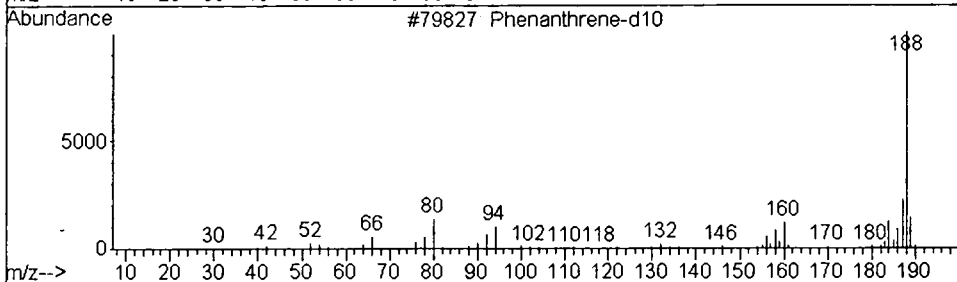
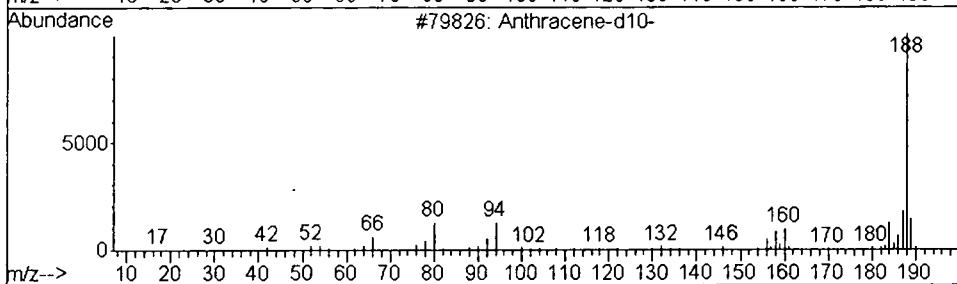
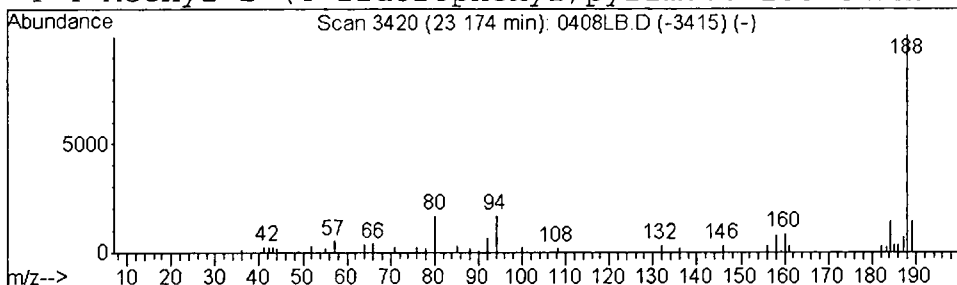
Vial: 3
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan
 Library : C:\DATABASE\NIST98.L

 Peak Number 4 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	0.76 ug/L	1040030	Phenanthranene-d10	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	87
2		Phenanthrene-d10	188	C14D10	001517-22-2	64
3		2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40
4		4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	40



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 Apr 2002 11:01 am
Data File: C:\MSDCHEM\1\DATA\020417\0408LB.D
Name: 04/08 lb
Misc:
Method: C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Pentanol, 3-met...	5.97	0.3	ug/L	307363	1	9.99	38037100	40.0
✓ Cyclopentasiloxan...	12.46	0.9	ug/L	1136860	2	13.49	50525700	40.0
Phenanthrene, 9-m...	22.65	0.3	ug/L	406624	4	23.02	54670300	40.0
Anthracene-d10	23.18	0.8	ug/L	1040030	4	23.02	54670300	40.0

phenanthrene d10