User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 13:50:46

Sample: AE09972
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/9/02 13:50 Ended: 5/9/02 13:50 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE09972 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-09-2002 Time: 13:51:33

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\050602\9972.D Vial: 20
Acq On : 7 May 2002 3:11 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:50:13 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 14:35:08 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	5359692	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	21263980	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	11533901	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	16866104	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	13083240	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	8912792	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	548617	7.55	ug/L	0.00
Spiked Amount 10.000			Recovery = 75.50%			
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.D.	d	
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'oxybis(1-Chloropropane	0.00	45	0	N.D.		
8) N-nitroso-di-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Napthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) 2-Chloronaphthalene	0.00	162	0	N.D.		
19) Dimethylphthalate	0.00	163	0	N.D.		
20) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
21) Acenapthylene	0.00	152	0	N.D.		
22) Acenapthalene	0.00	153	0	N.D.		
23) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
24) Diethylphthalate	0.00	149	0	N.D.		
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	0.00	77	0	N.D.		
30) Nnitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		

(#) = qualifier out of range (m) = manual integration

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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 14:35:08 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	25.10	149	29594	N.D.	
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.81	228	33838	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.38	149	39316	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	0.00	149	0	N.D.	
45)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
46)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(a)pyrene	0.00	252	0	N.D.	
48)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
49)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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Acq On : 7 May 2002 3:11 am Operator: Mclean
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Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
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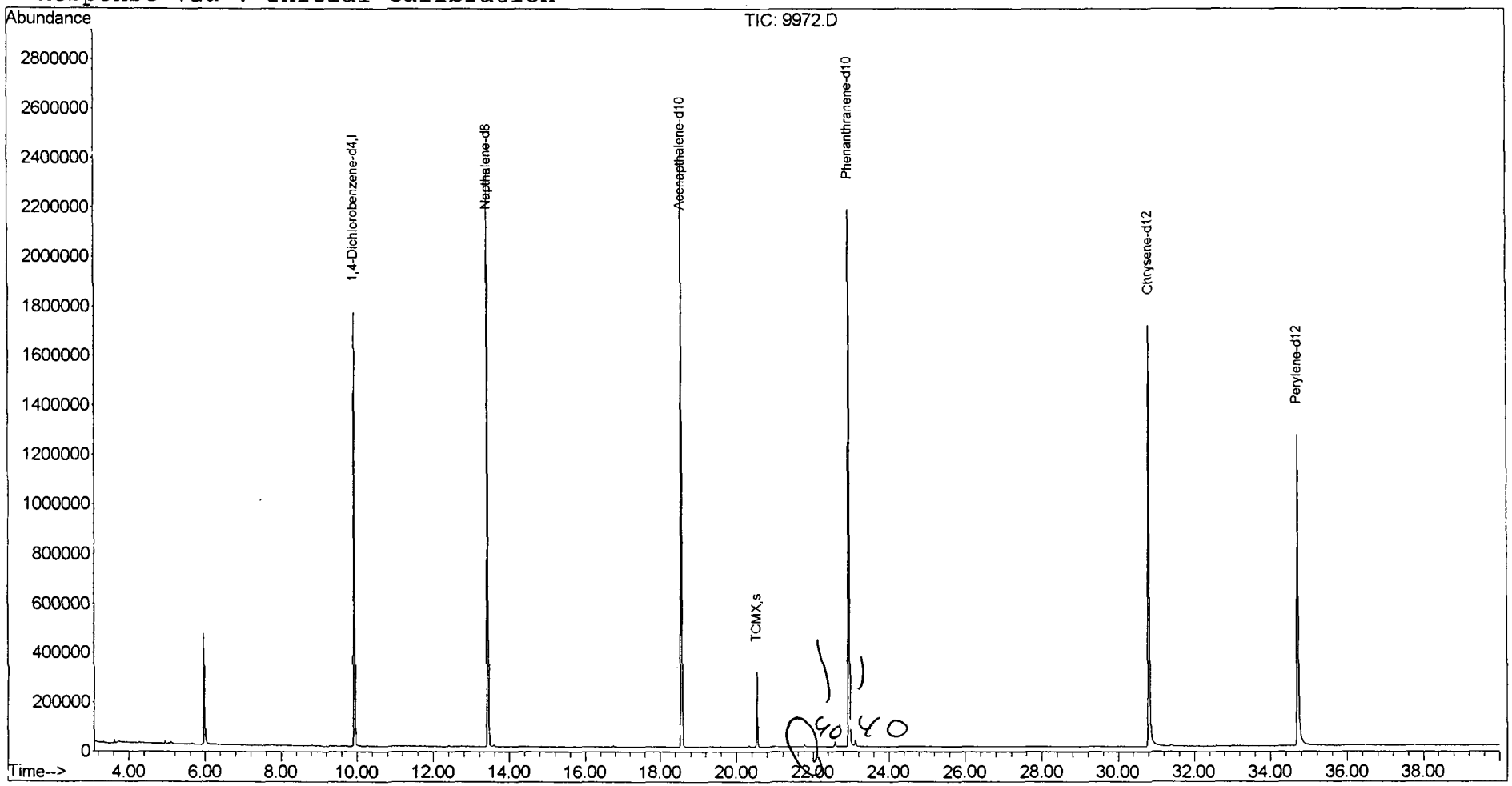


LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050602\9972.D
Acq On : 7 May 2002 3:11 am
Sample : 4/25
Misc :
MS Integration Params: LSCINT.e

Vial: 20
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\050102.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	3.120	3	7	20	BV 5	3848	65796	0.14%	0.025%
2	3.332	36	43	50	VV 3	6825	101542	0.22%	0.038%
3	3.385	50	52	58	VV 5	3760	50055	0.11%	0.019%
4	3.543	71	79	82	PV 7	2622	58236	0.12%	0.022%
5	3.567	82	83	87	VV 3	2625	27231	0.06%	0.010%
6	3.614	87	91	97	VV	16678	268904	0.57%	0.101%
7	3.714	97	108	110	VV 6	10079	265484	0.56%	0.100%
8	3.737	110	112	114	VV 2	10709	140792	0.30%	0.053%
9	3.761	114	116	124	VV 6	8855	240728	0.51%	0.091%
10	3.819	124	126	130	VV 2	7317	140673	0.30%	0.053%
11	3.849	130	131	133	VV 2	6766	67877	0.14%	0.026%
12	4.160	178	184	192	VV 6	6946	285674	0.61%	0.108%
13	4.260	192	201	205	VV 5	7277	242542	0.51%	0.091%
14	4.577	252	255	258	VV 2	5301	88321	0.19%	0.033%
15	4.777	285	289	294	VV 6	3691	95304	0.20%	0.036%
16	4.948	313	318	329	VV 5	12710	313663	0.67%	0.118%
17	5.030	329	332	338	VV 6	6030	147350	0.31%	0.055%
18	5.094	338	343	357	VV 7	11166	351021	0.75%	0.132%
19	5.341	383	385	389	VV 3	3620	59989	0.13%	0.023%
20	5.559	414	422	426	VV 4	3750	109276	0.23%	0.041%
21	5.635	426	435	447	VV 6	8195	328735	0.70%	0.124%
22	5.970	484	492	523	VV	443524	8396062	17.82%	3.161%
23	6.281	543	545	548	VV 4	3627	44498	0.09%	0.017%
24	6.452	571	574	576	VV 2	2951	31425	0.07%	0.012%
25	6.704	600	617	627	VV 8	2741	154184	0.33%	0.058%
26	7.028	667	672	680	VV 6	2787	70299	0.15%	0.026%
27	7.104	680	685	687	VV 4	2806	49610	0.11%	0.019%
28	7.286	709	716	719	VV 5	2321	52374	0.11%	0.020%
29	7.451	736	744	749	VV 8	2960	89447	0.19%	0.034%
30	7.533	755	758	763	PV 5	2041	30593	0.06%	0.012%
31	7.580	763	766	774	VV 6	1821	50005	0.11%	0.019%
32	7.733	788	792	805	VV 5	6503	220319	0.47%	0.083%
33	8.126	854	859	861	VV 4	2373	35513	0.08%	0.013%
34	8.144	861	862	867	VV 3	2646	36688	0.08%	0.014%
35	8.726	959	961	962	VV 2	1983	15392	0.03%	0.006%
36	8.749	962	965	970	VV 3	2957	41067	0.09%	0.015%
37	8.820	970	977	982	VV 5	3994	94609	0.20%	0.036%

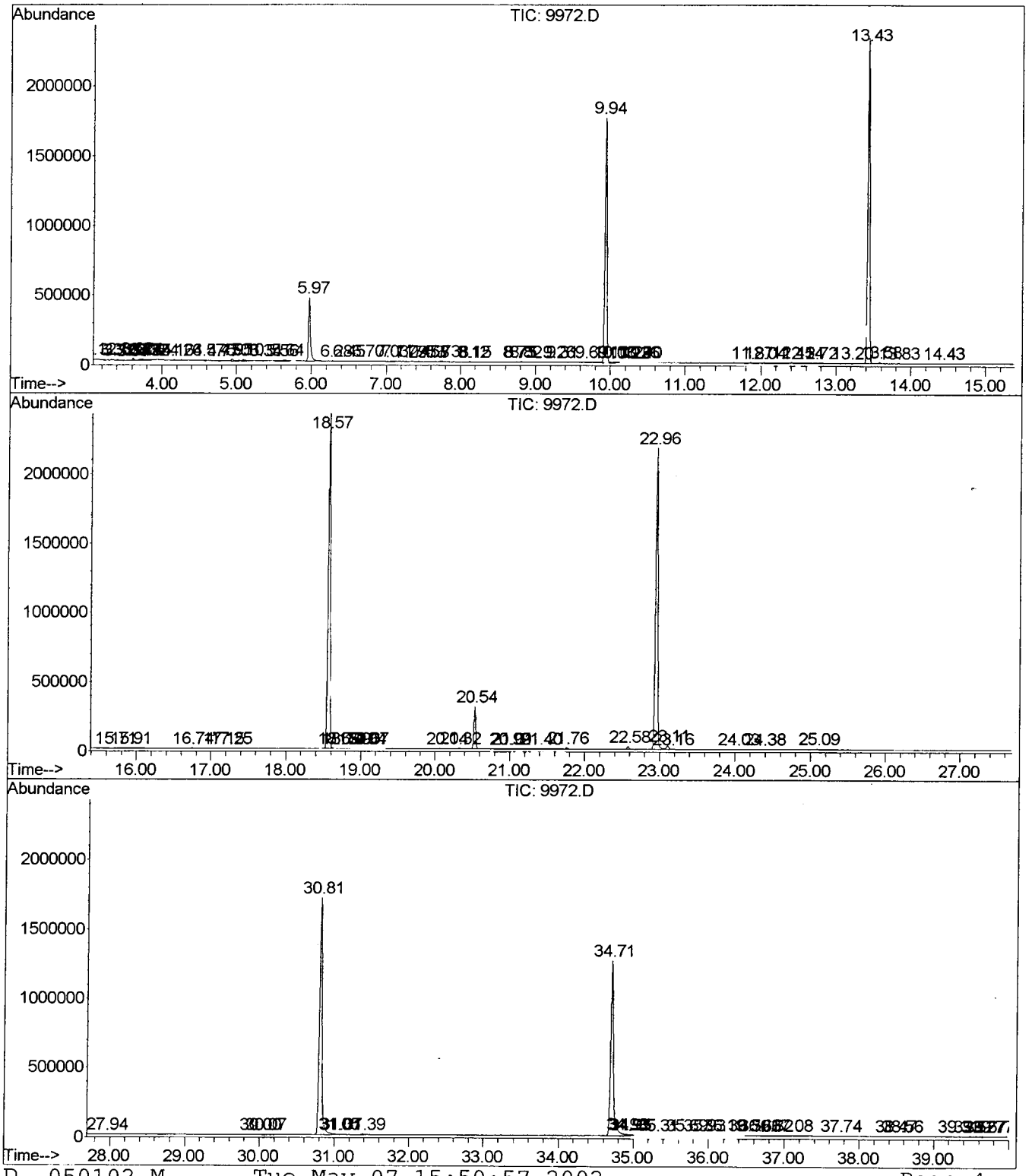
38	9.266	1049	1053	1056	VV	5	2011	23379	0.05%	0.009%
39	9.307	1056	1060	1062	VV	4	2591	34350	0.07%	0.013%
40	9.695	1121	1126	1131	VV	6	2811	65812	0.14%	0.025%
41	9.936	1158	1167	1182	VV		1713560	32466293	68.91%	12.225%
42	10.036	1182	1184	1190	VV	3	3150	65085	0.14%	0.025%
43	10.224	1214	1216	1218	PV		1684	12367	0.03%	0.005%
44	10.259	1218	1222	1232	VV	4	3730	105452	0.22%	0.040%
45	10.365	1232	1240	1242	VV	3	1852	35171	0.07%	0.013%
46	10.394	1242	1245	1249	VV	2	1529	16989	0.04%	0.006%
47	11.869	1489	1496	1503	PV	5	2454	46651	0.10%	0.018%
48	12.039	1516	1525	1530	PV	5	2719	64677	0.14%	0.024%
49	12.404	1582	1587	1592	VV	2	5667	103753	0.22%	0.039%
50	12.533	1601	1609	1616	VV	5	2810	84242	0.18%	0.032%
51	12.721	1637	1641	1646	PV	2	2809	50304	0.11%	0.019%
52	13.197	1714	1722	1729	VV	4	2038	58733	0.12%	0.022%
53	13.432	1747	1762	1782	VV		2298131	43382371	92.08%	16.335%
54	13.585	1782	1788	1794	VV	2	7736	167610	0.36%	0.063%
55	13.831	1825	1830	1837	VV	5	2620	71263	0.15%	0.027%
56	14.431	1929	1932	1937	PV	2	1653	31411	0.07%	0.012%
57	15.706	2142	2149	2152	VV	4	3386	64010	0.14%	0.024%
58	15.906	2181	2183	2188	VV	4	2498	34663	0.07%	0.013%
59	16.740	2318	2325	2332	VV	3	4646	115499	0.25%	0.043%
60	17.145	2391	2394	2397	VV	2	2444	31721	0.07%	0.012%
61	17.251	2410	2412	2421	VV		1752	39098	0.08%	0.015%
62	18.573	2622	2637	2655	VV		2416512	47115450	100.00%	17.741%
63	18.685	2655	2656	2662	VV	4	2405	46571	0.10%	0.018%
64	18.738	2662	2665	2667	VV	4	2718	35377	0.08%	0.013%
65	18.961	2698	2703	2708	VV	3	2748	62770	0.13%	0.024%
66	19.043	2715	2717	2718	PV		1704	12048	0.03%	0.005%
67	19.072	2718	2722	2733	VV	3	1966	57987	0.12%	0.022%
68	20.142	2901	2904	2909	VV	3	2526	47867	0.10%	0.018%
69	20.324	2924	2935	2942	VV	3	6762	131074	0.28%	0.049%
70	20.541	2958	2972	2983	VV	2	298620	5360695	11.38%	2.018%
71	20.988	3043	3048	3051	PV	4	1834	27329	0.06%	0.010%
72	21.011	3051	3052	3055	VV		2047	14283	0.03%	0.005%
73	21.399	3111	3118	3124	PV	6	1886	48489	0.10%	0.018%
74	21.764	3174	3180	3197	PV	3	10418	252118	0.54%	0.095%
75	22.580	3312	3319	3326	VV	2	20752	407275	0.86%	0.153%
76	22.956	3371	3383	3402	VV	2	2144433	46324316	98.32%	17.443%
77	23.109	3402	3409	3417	VV		28112	683678	1.45%	0.257%
78	23.162	3417	3418	3422	VV	3	3816	63468	0.13%	0.024%
79	24.031	3561	3566	3572	VV	3	1496	27821	0.06%	0.010%
80	24.378	3620	3625	3641	PV		1714	57248	0.12%	0.022%
81	25.095	3737	3747	3764	VV	3	4355	118195	0.25%	0.045%
82	27.945	4228	4232	4240	PV	2	1647	34692	0.07%	0.013%
83	29.995	4575	4581	4587	VV	6	2056	45044	0.10%	0.017%
84	30.072	4591	4594	4598	VV	2	1857	27563	0.06%	0.010%
85	30.812	4708	4720	4758	PV	2	1690716	40893380	86.79%	15.398%
86	31.047	4758	4760	4763	VV	4	3745	50709	0.11%	0.019%
87	31.070	4763	4764	4771	VV	2	3507	66817	0.14%	0.025%

88	31.388	4803	4818	4828	PV	5	4726	116543	0.25%	0.044%
89	34.713	5361	5384	5414	VV	2	1247090	32392499	68.75%	12.197%
90	34.901	5414	5416	5420	VV	5	10212	166298	0.35%	0.063%
91	34.931	5420	5421	5423	VV	2	8053	89113	0.19%	0.034%
92	34.948	5423	5424	5426	VV	2	6716	68600	0.15%	0.026%
93	35.313	5484	5486	5498	VV	4	2639	89928	0.19%	0.034%
94	35.694	5545	5551	5559	VV	2	2720	83032	0.18%	0.031%
95	35.935	5587	5592	5597	VV	2	2667	65458	0.14%	0.025%
96	36.188	5633	5635	5637	VV		2872	32646	0.07%	0.012%
97	36.517	5689	5691	5693	VV		3047	34010	0.07%	0.013%
98	36.664	5714	5716	5719	VV		2512	28140	0.06%	0.011%
99	36.823	5741	5743	5744	VV		2891	25889	0.05%	0.010%
100	37.081	5785	5787	5790	VV		2916	37580	0.08%	0.014%
101	37.739	5896	5899	5907	VV	2	2522	61246	0.13%	0.023%
102	38.474	6015	6024	6026	VV	3	1913	44122	0.09%	0.017%
103	38.562	6037	6039	6047	VV	5	2267	48331	0.10%	0.018%
104	39.314	6157	6167	6169	VV	5	1931	52525	0.11%	0.020%
105	39.519	6200	6202	6210	VV	4	2267	48551	0.10%	0.018%
106	39.672	6224	6228	6240	PV	4	1764	38481	0.08%	0.014%
107	39.766	6240	6244	6246	PV	3	1373	12786	0.03%	0.005%

Sum of corrected areas: 265580229

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050602\9972.D
Operator : Mclean
Acquired : 7 May 2002 3:11 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/25
Misc Info :
Vial Number: 20
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

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Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

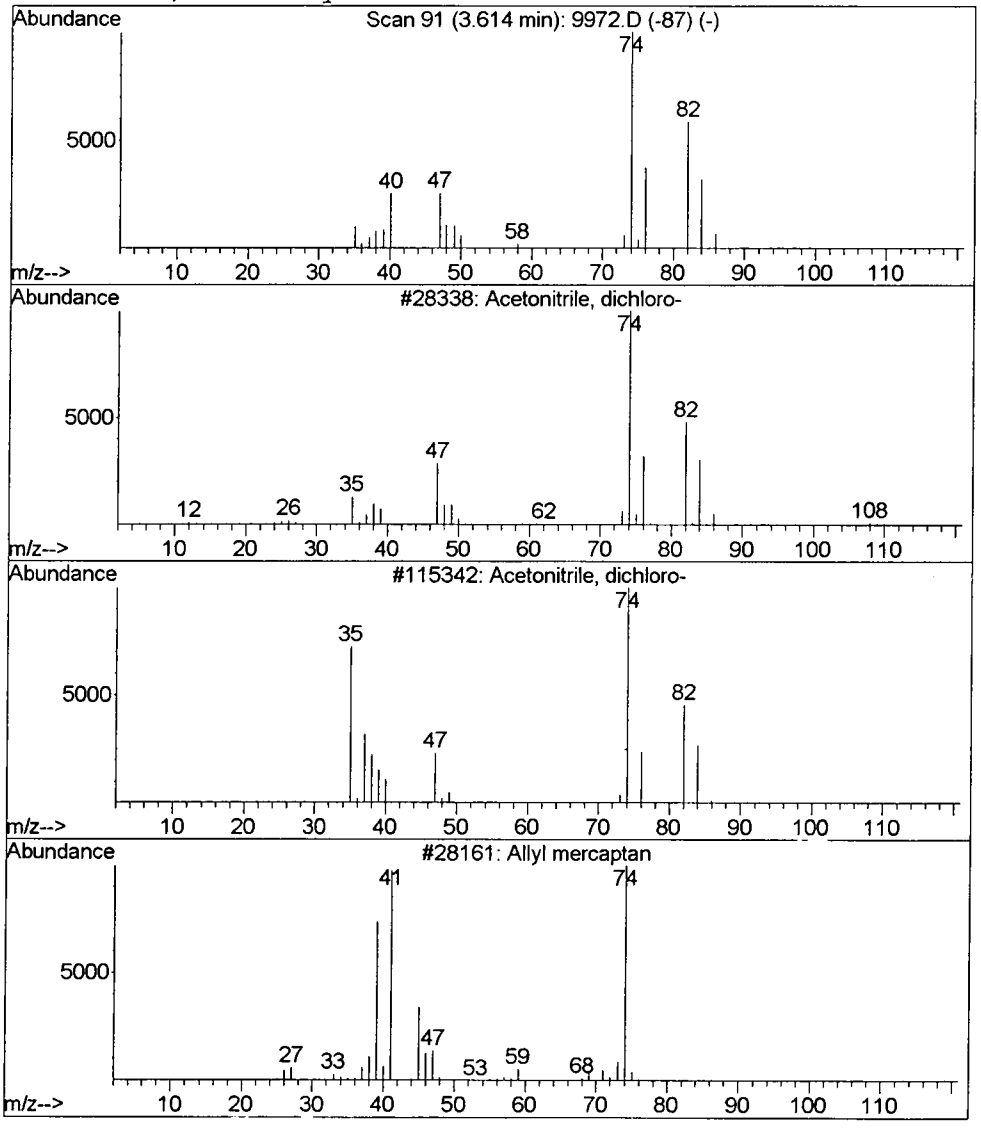
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

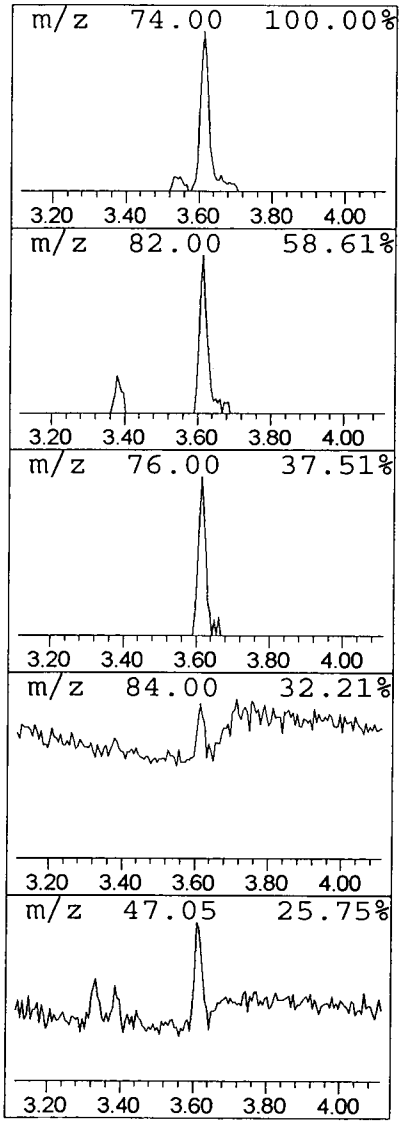
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.33 ug/L	268904	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	90
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3	Allyl mercaptan	74	C3H6S	000870-23-5	25
4	Furan, 2-methyl-	82	C5H6O	000534-22-5	9





Library Search Compound Report

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Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

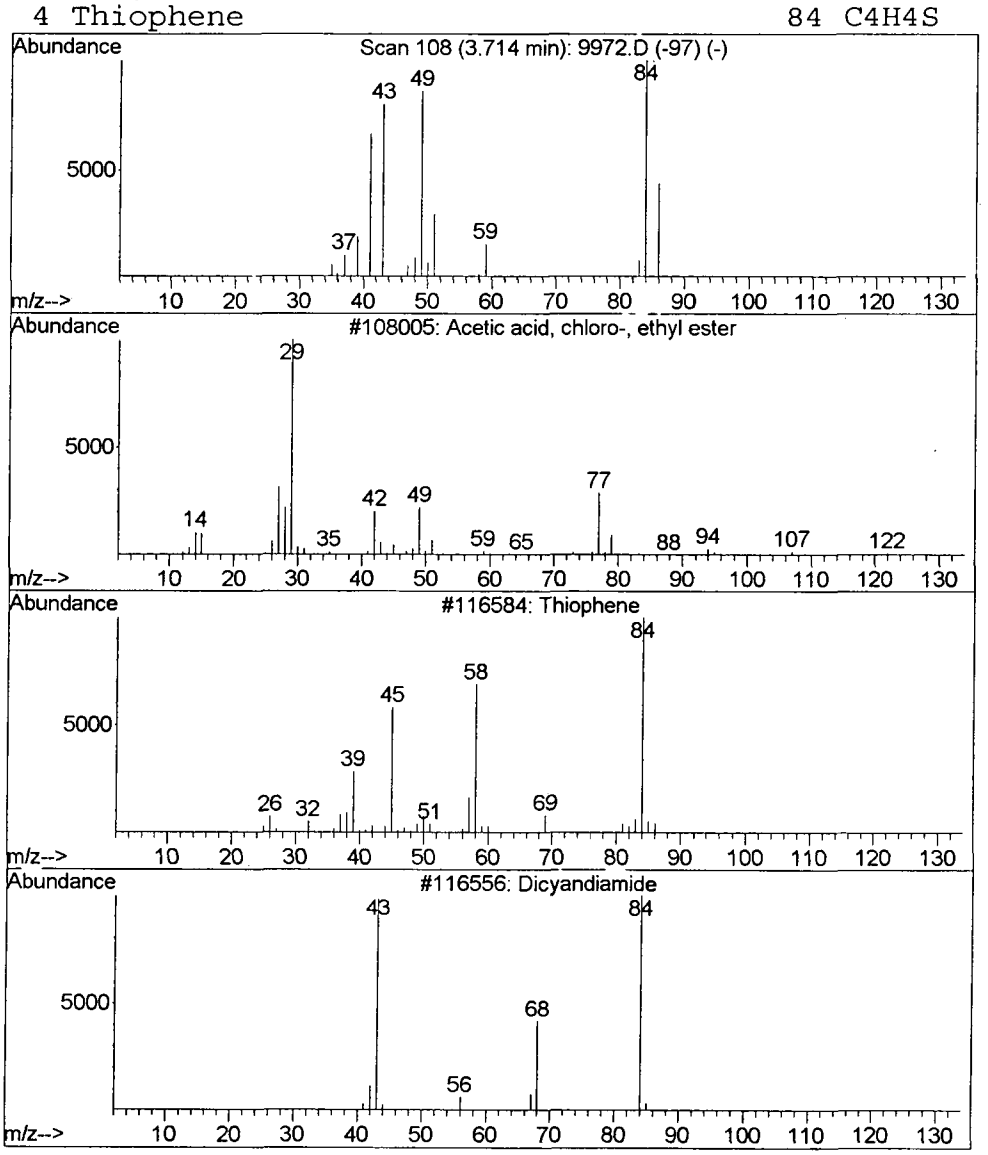
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

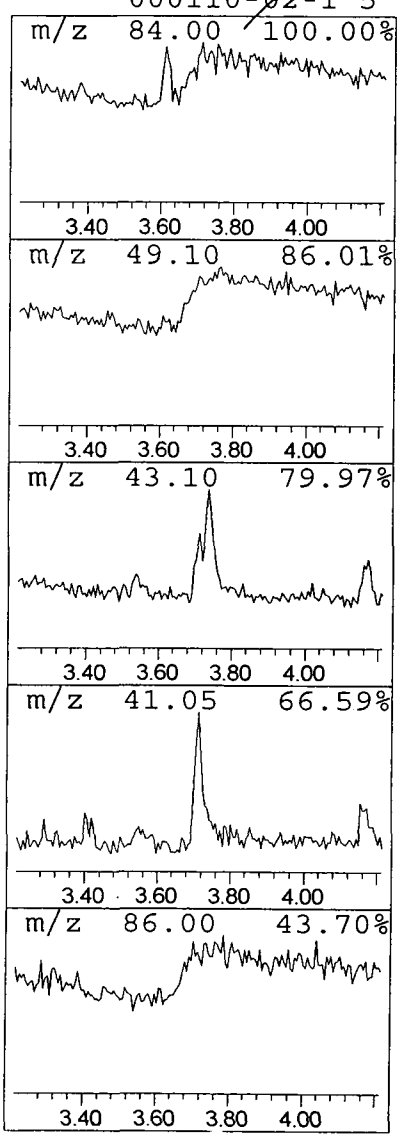
****

Peak Number 2 Acetic acid, chloro-, ethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	0.33 ug/L	265484	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	9
2	Thiophene	84	C4H4S	000110-02-1	5
3	Dicyandiamide	84	C2H4N4	000461-58-5	5
4	Thiophene	84	C4H4S	000110-02-1	5





Library Search Compound Report

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Acq On : 7 May 2002 3:11 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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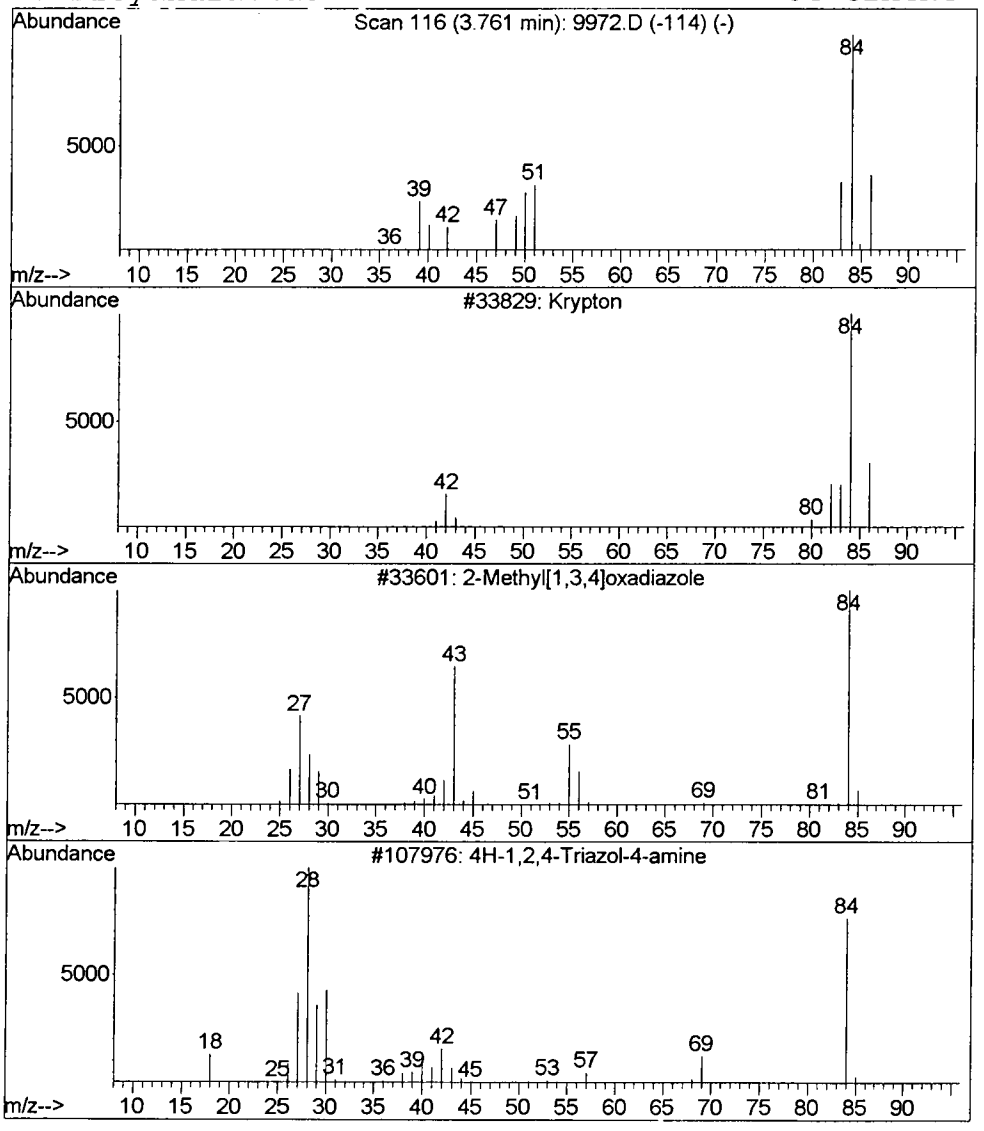
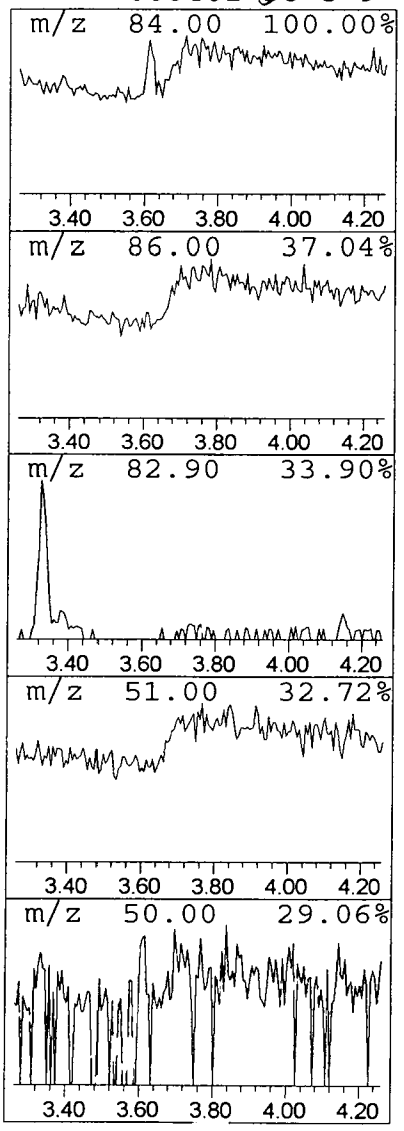
Peak Number 3 Krypton Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.30 ug/L	240728	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	9
2	2-Methyl[1,3,4]oxadiazole	84	C3H4N2O	003451-51-2	9
3	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	9
4	Dicyandiamide	84	C2H4N4	000461-58-5	9





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Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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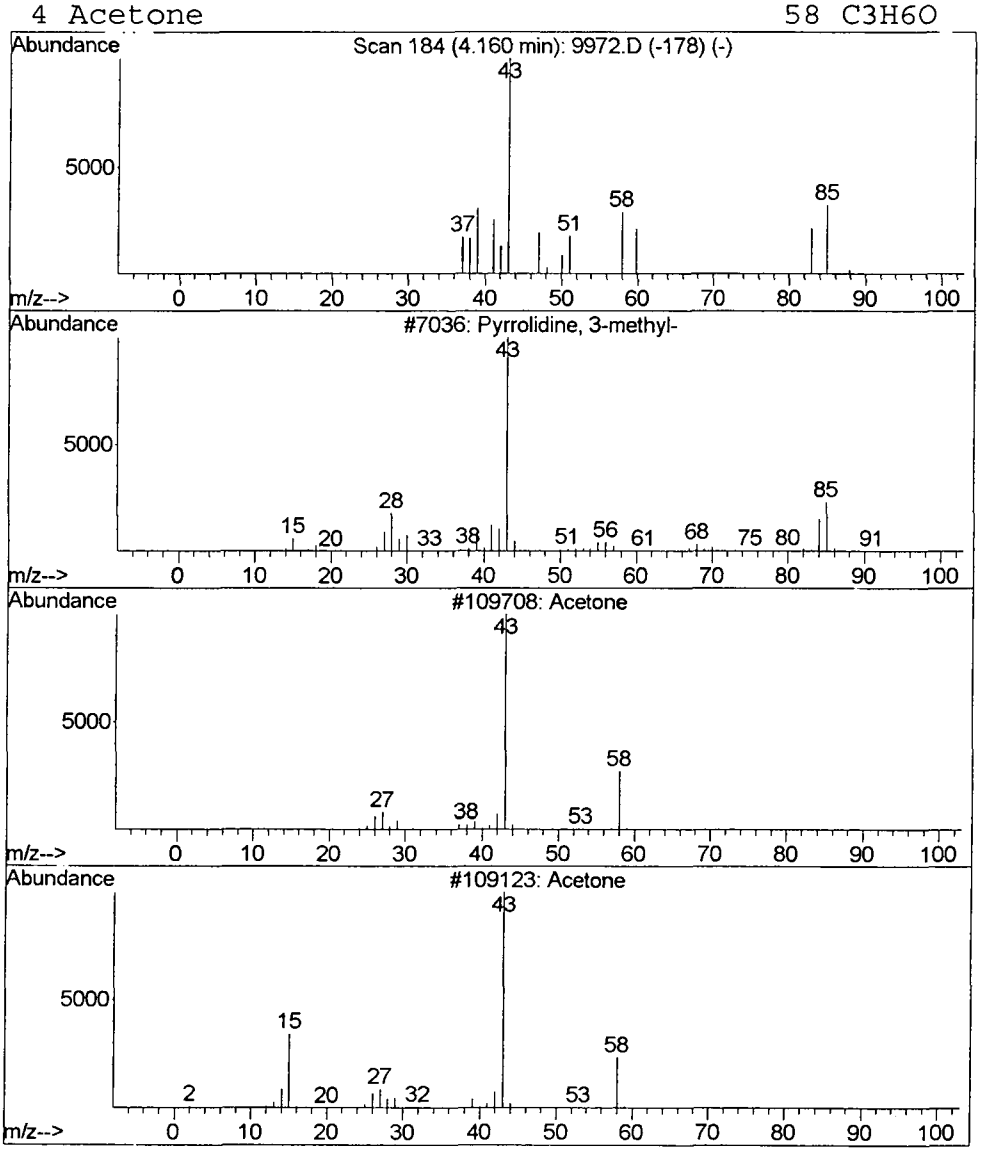
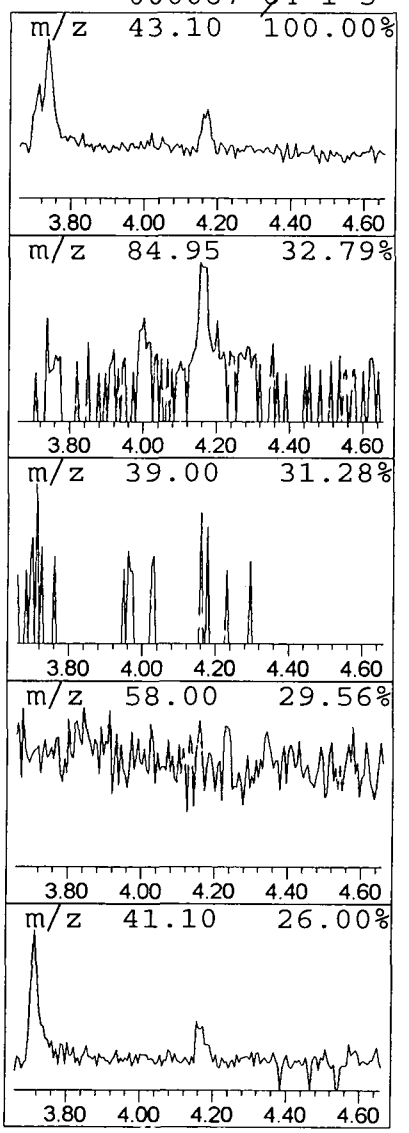
Peak Number 4 Pyrrolidine, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	0.35 ug/L	285674	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	9
2	Acetone	58	C3H6O	000067-64-1	5
3	Acetone	58	C3H6O	000067-64-1	5
4	Acetone	58	C3H6O	000067-64-1	5





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Library : C:\DATABASE\NIST98.L

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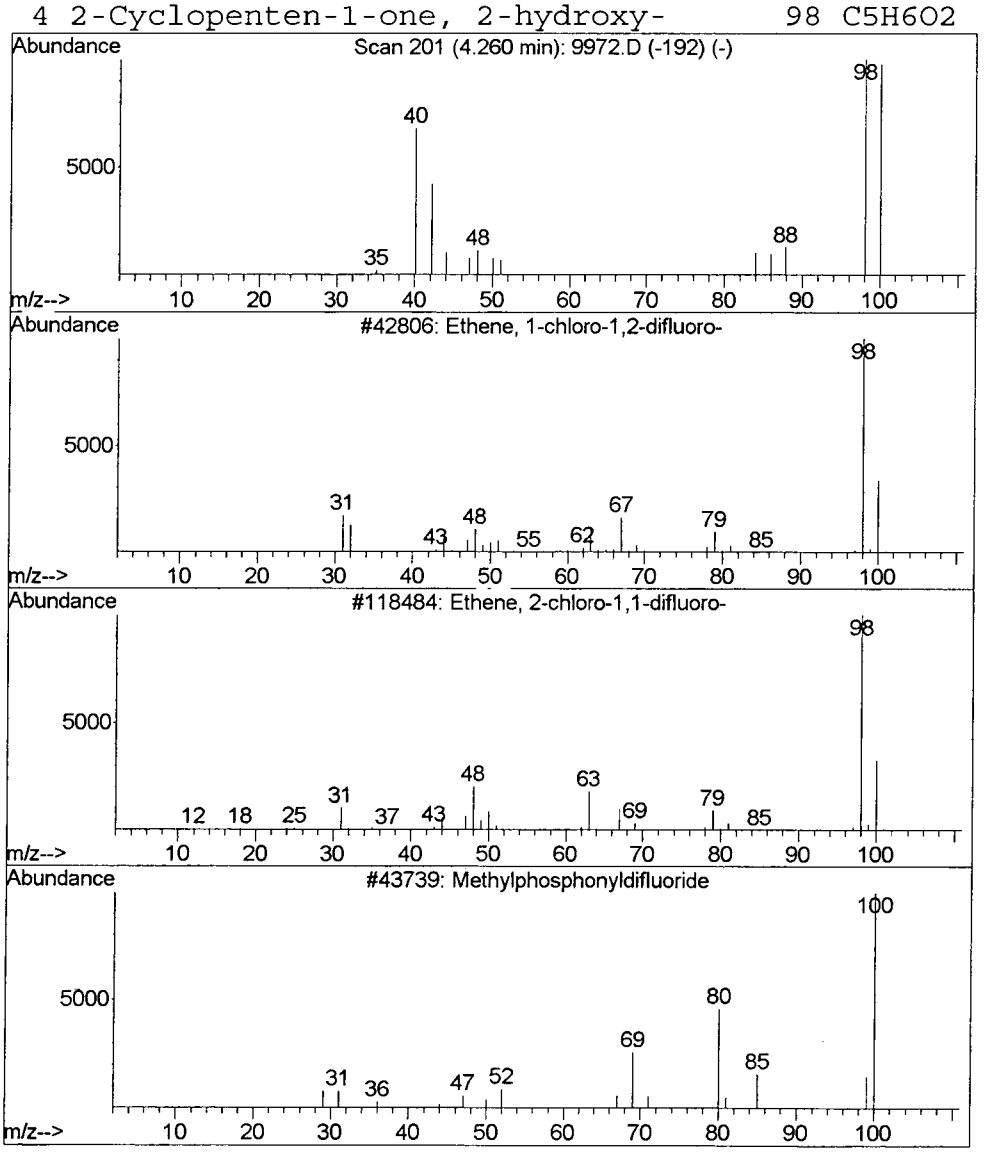
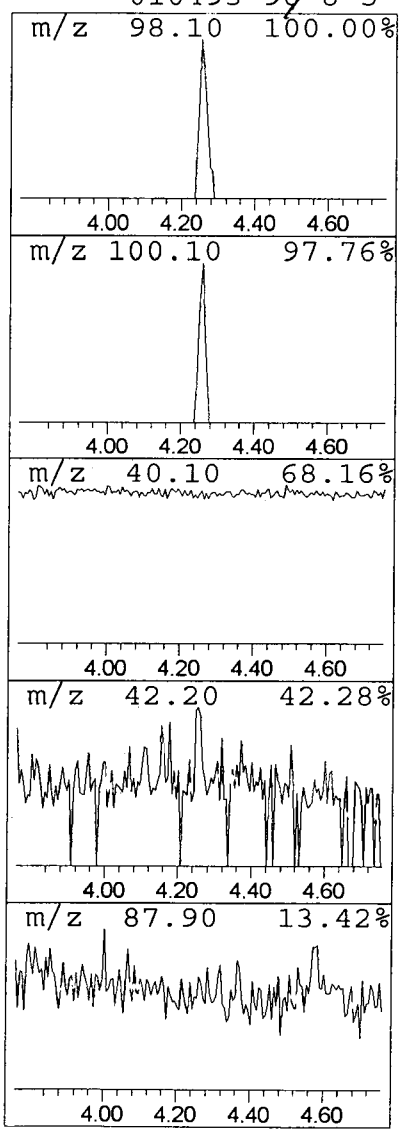
Peak Number 5 Ethene, 1-chloro-1,2-difluoro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	0.30 ug/L	242542	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1-chloro-1,2-difluoro-	98	C2HClF2	000359-04-6	35
2	Ethene, 2-chloro-1,1-difluoro-	98	C2HClF2	000359-10-4	9
3	Methylphosphonyldifluoride	100	CH3F2OP	000676-99-3	7
4	2-Cyclopenten-1-one, 2-hydroxy-	98	C5H6O2	010493-98-8	5





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Library : C:\DATABASE\NIST98.L

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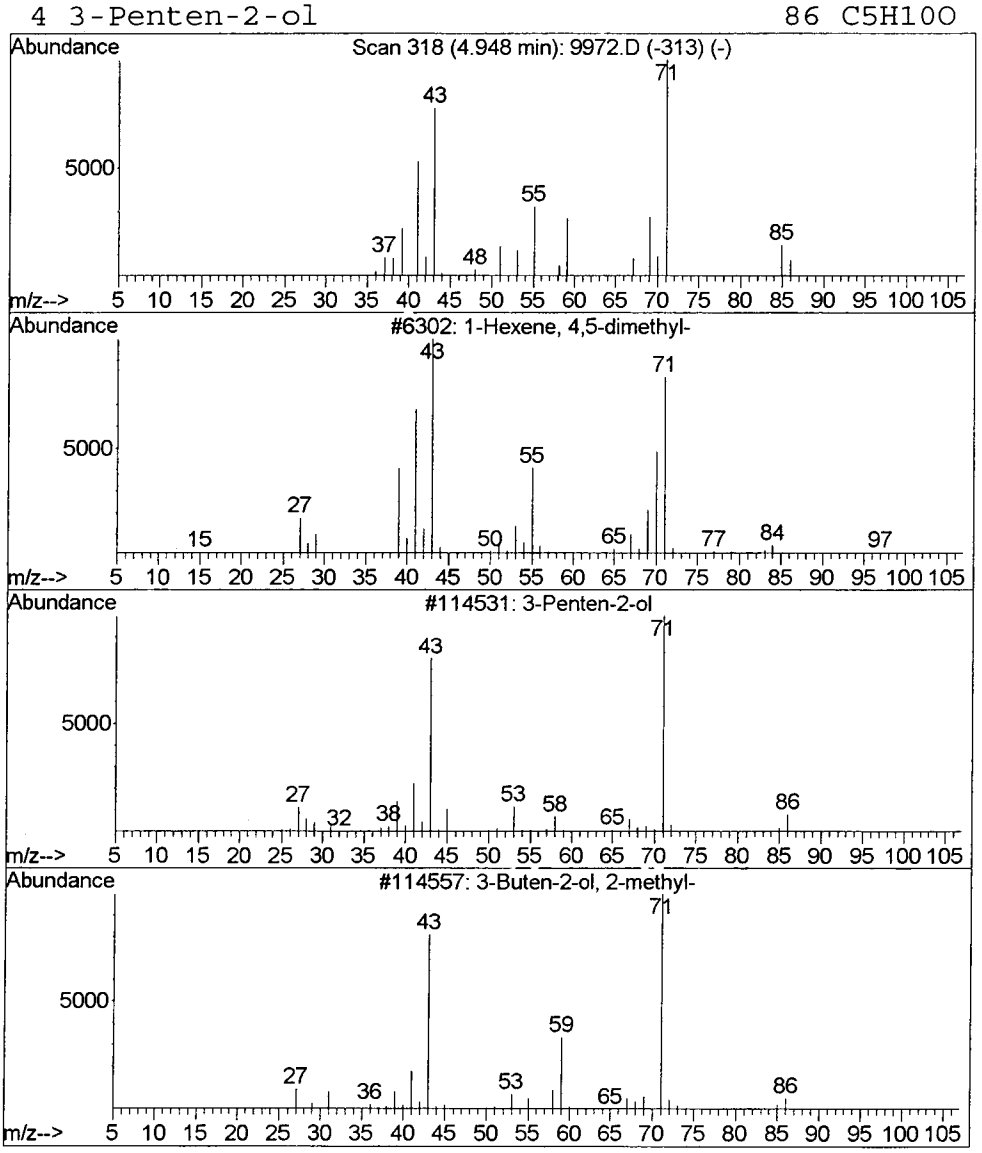
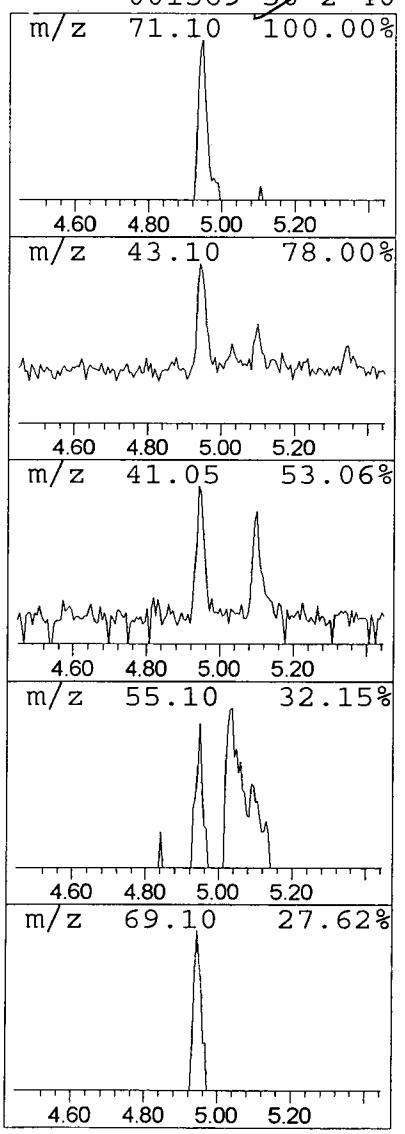
Peak Number 6 1-Hexene, 4,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	0.39 ug/L	313663	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	50
2	3-Penten-2-ol	86	C5H10O	001569-50-2	50
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	42
4	3-Penten-2-ol	86	C5H10O	001569-50-2	40





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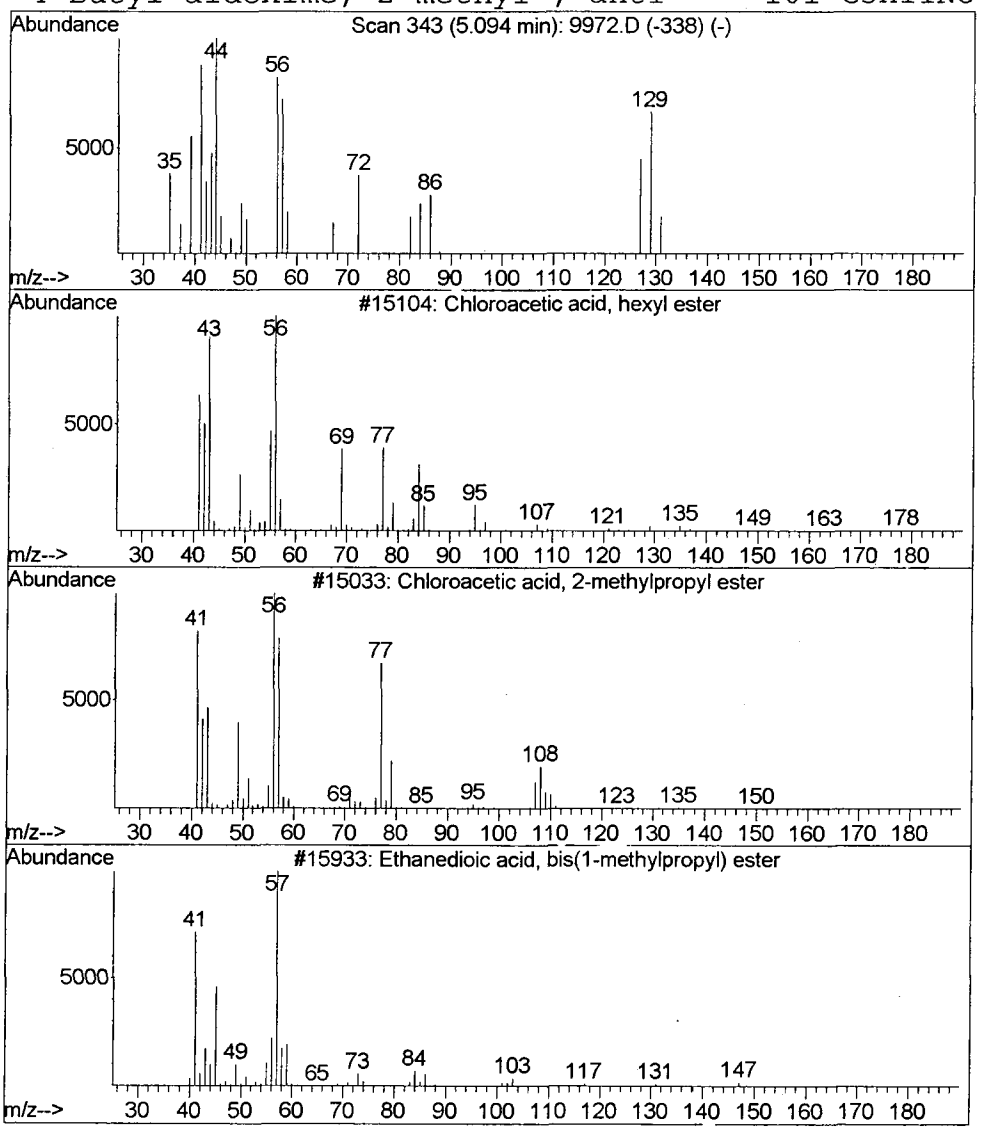
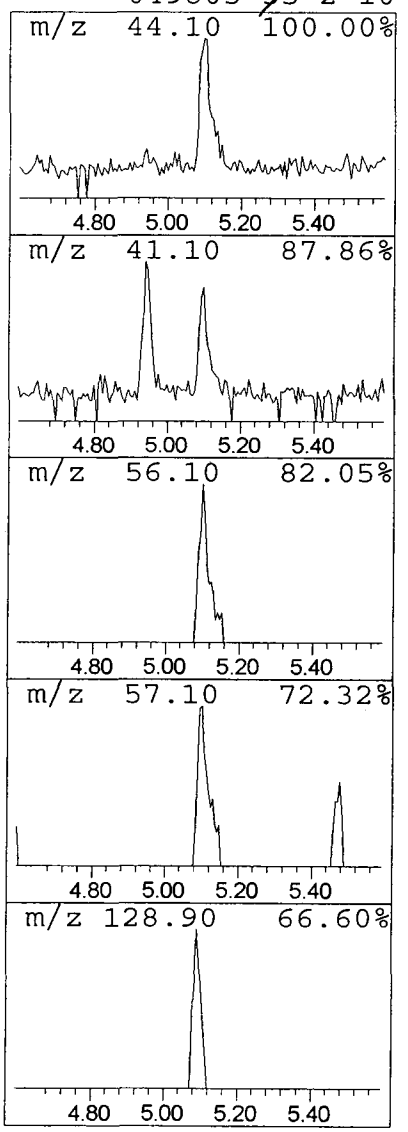
Peak Number 7 Chloroacetic acid, hexyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	0.43 ug/L	351021	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroacetic acid, hexyl ester	178	C8H15ClO2	1000131-85-3	35
2	Chloroacetic acid, 2-methylpropy...	150	C6H11ClO2	1000131-85-2	27
3	Ethanedioic acid, bis(1-methylpr...	202	C10H18O4	013784-89-9	23
4	Butyl aldoxime, 2-methyl-, anti-	101	C5H11NO	049805-55-2	10





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Library : C:\DATABASE\NIST98.L

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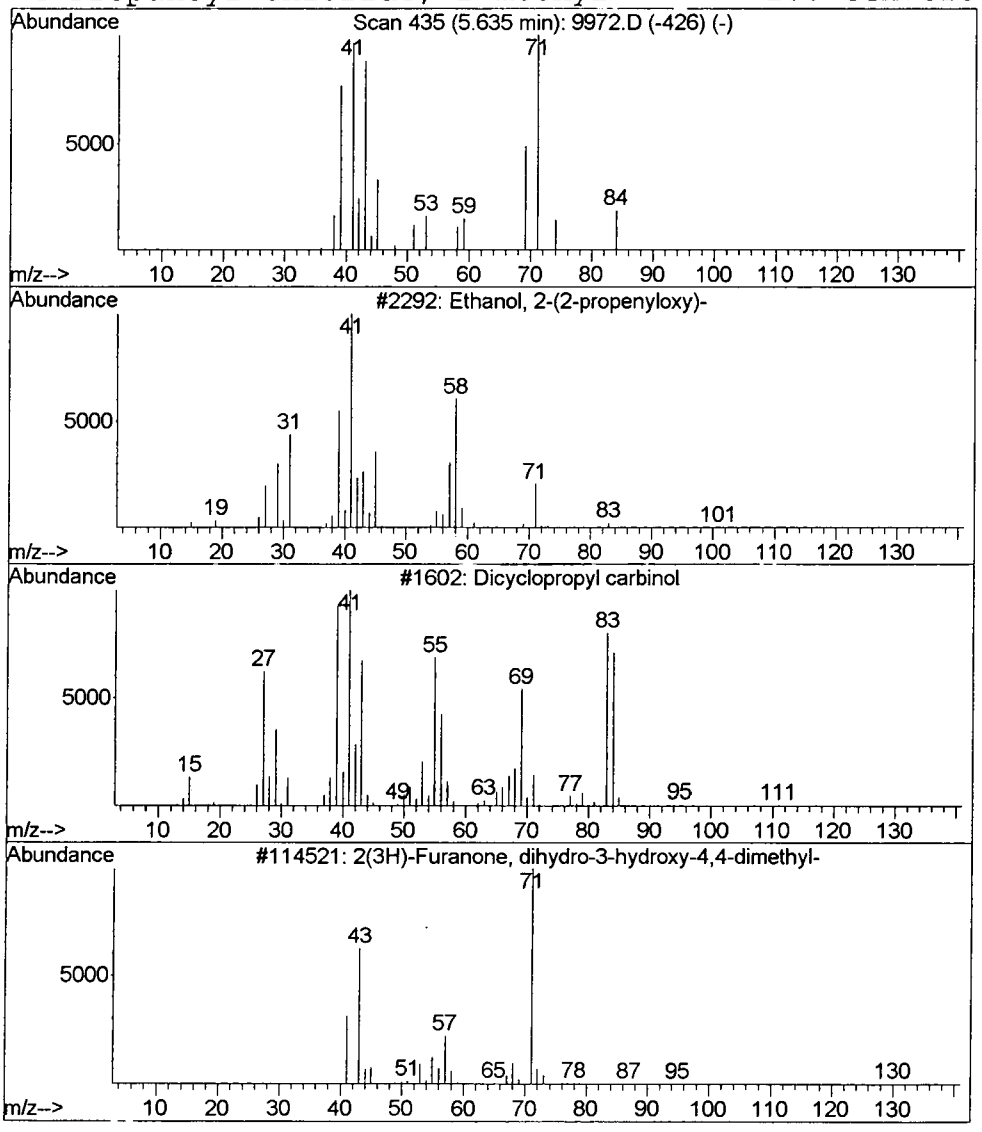
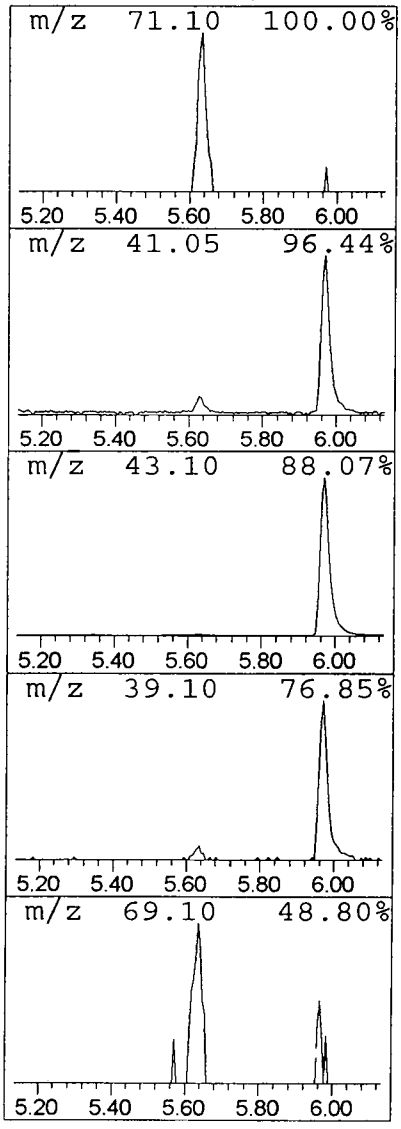
Peak Number 8 Ethanol, 2-(2-propenyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	0.41 ug/L	328735	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-propenyloxy)-	102	C5H10O2	000111-45-5	38
2	Dicyclopropyl carbinol	112	C7H12O	014300-33-5	36
3	2(3H)-Furanone, dihydro-3-hydrox...	130	C6H10O3	052126-90-6	9
4	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	9





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Library : C:\DATABASE\NIST98.L

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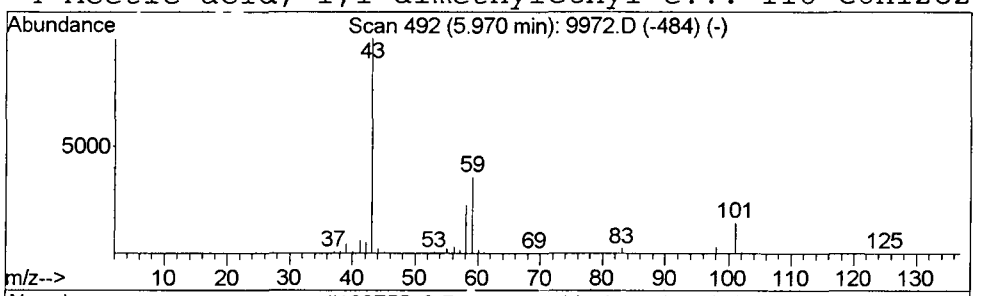
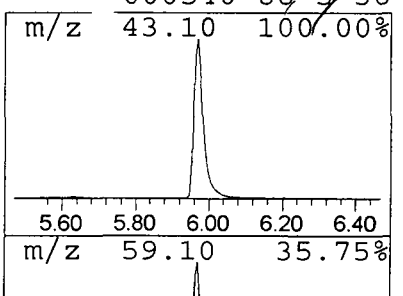
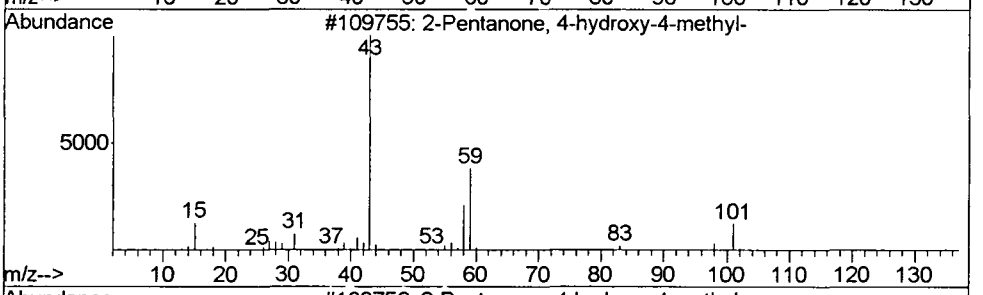
Peak Number 9 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

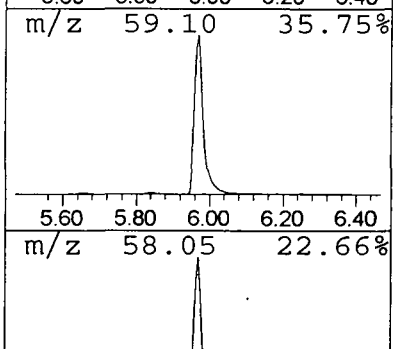
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	10.34 ug/L	8396060	1,4-Dichlorobenzene-d4	9.94

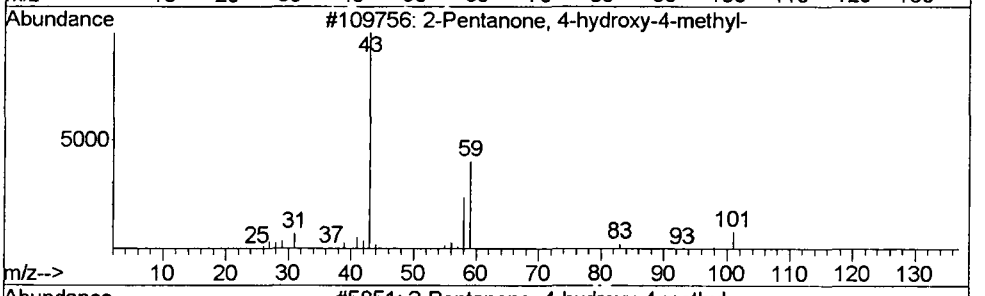
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36

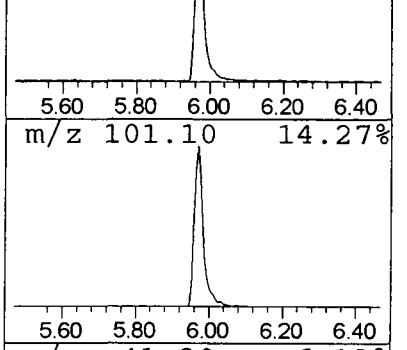


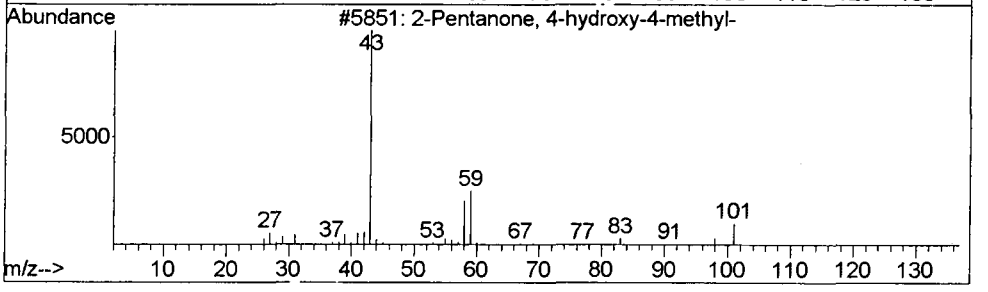












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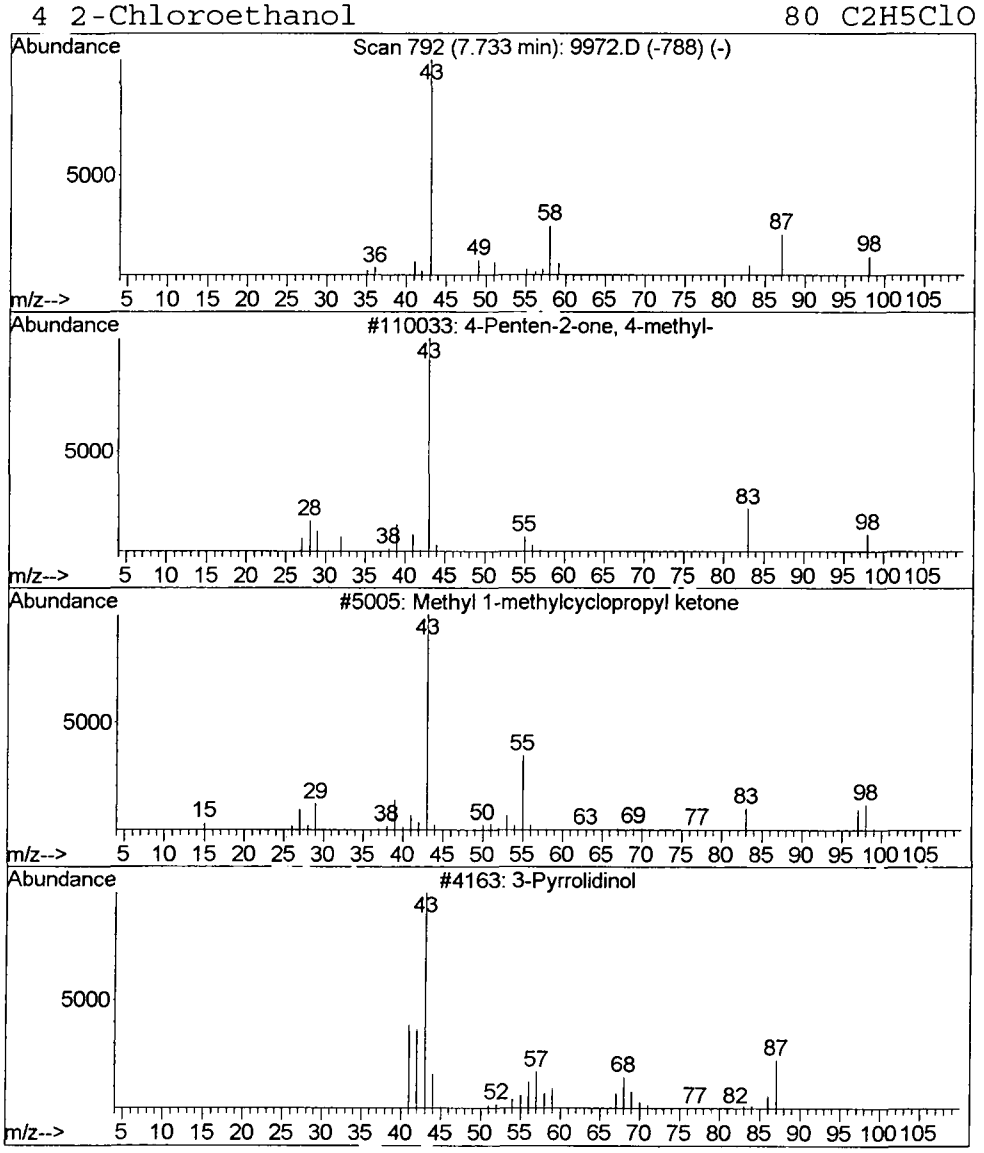
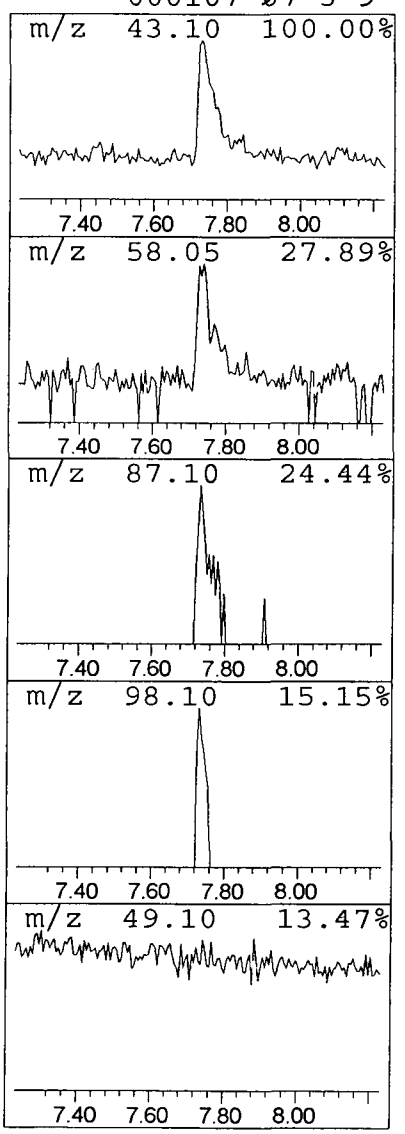
Peak Number 10 4-Penten-2-one, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.27 ug/L	220319	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
2	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	9
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	9





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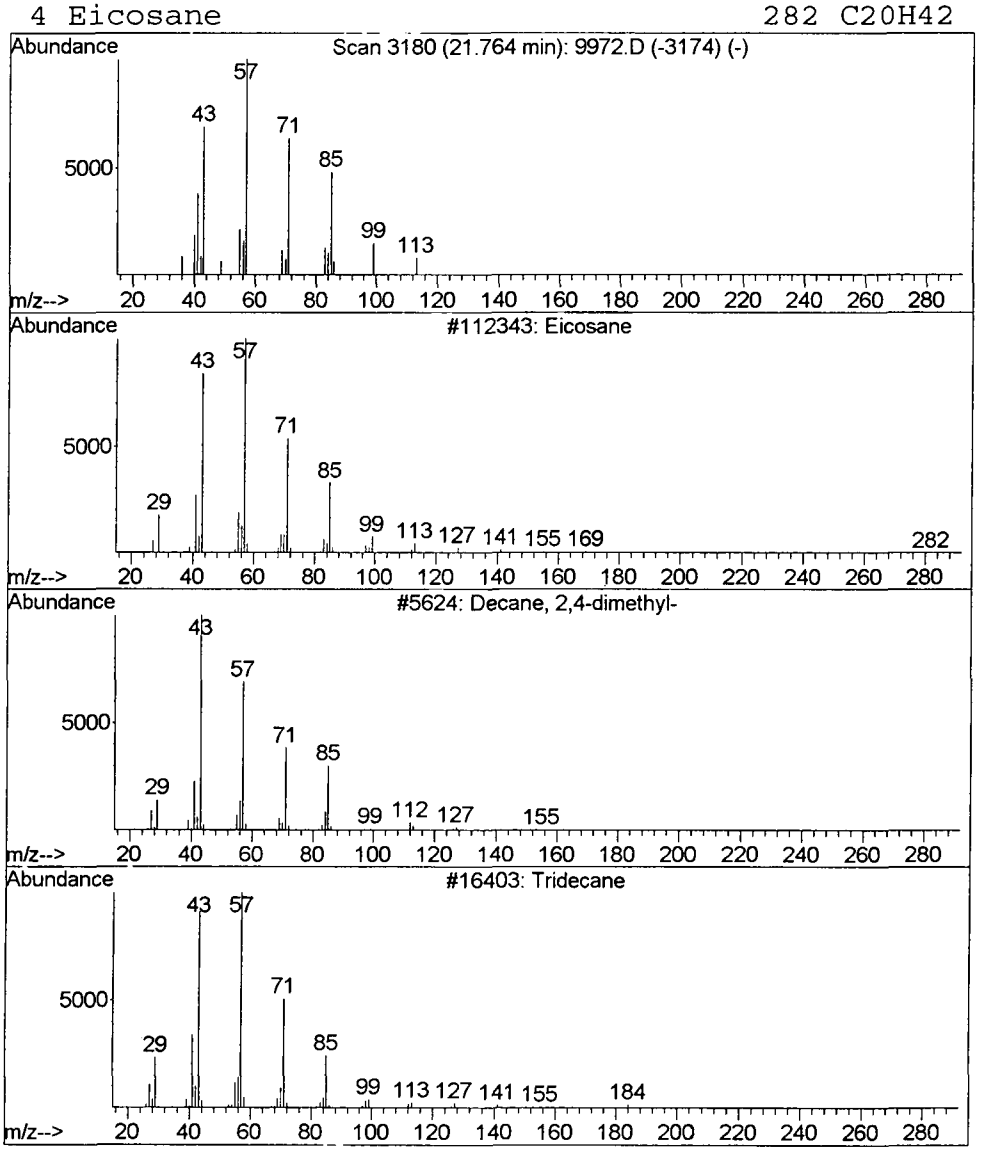
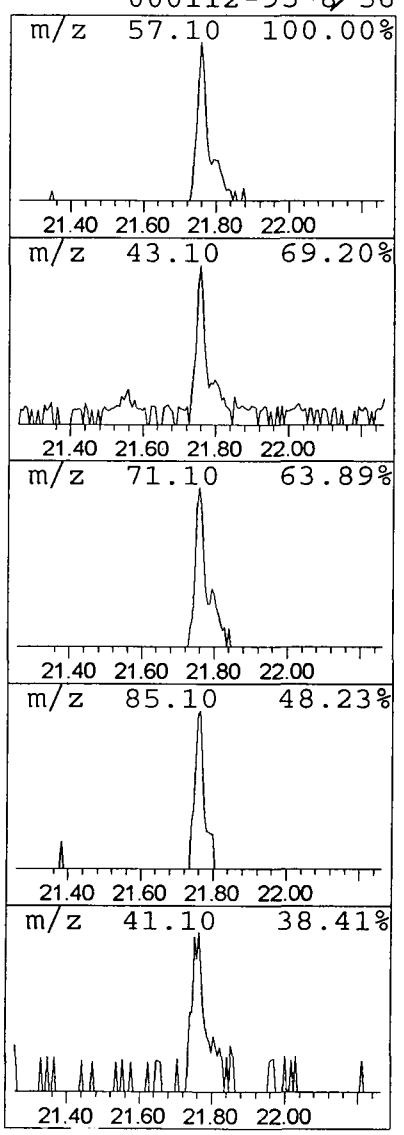
Peak Number 11 Eicosane — Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	0.22 ug/L	252118	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	78
2	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
3	Tridecane	184	C13H28	000629-50-5	59
4	Eicosane	282	C20H42	000112-95-8	56





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Library : C:\DATABASE\NIST98.L

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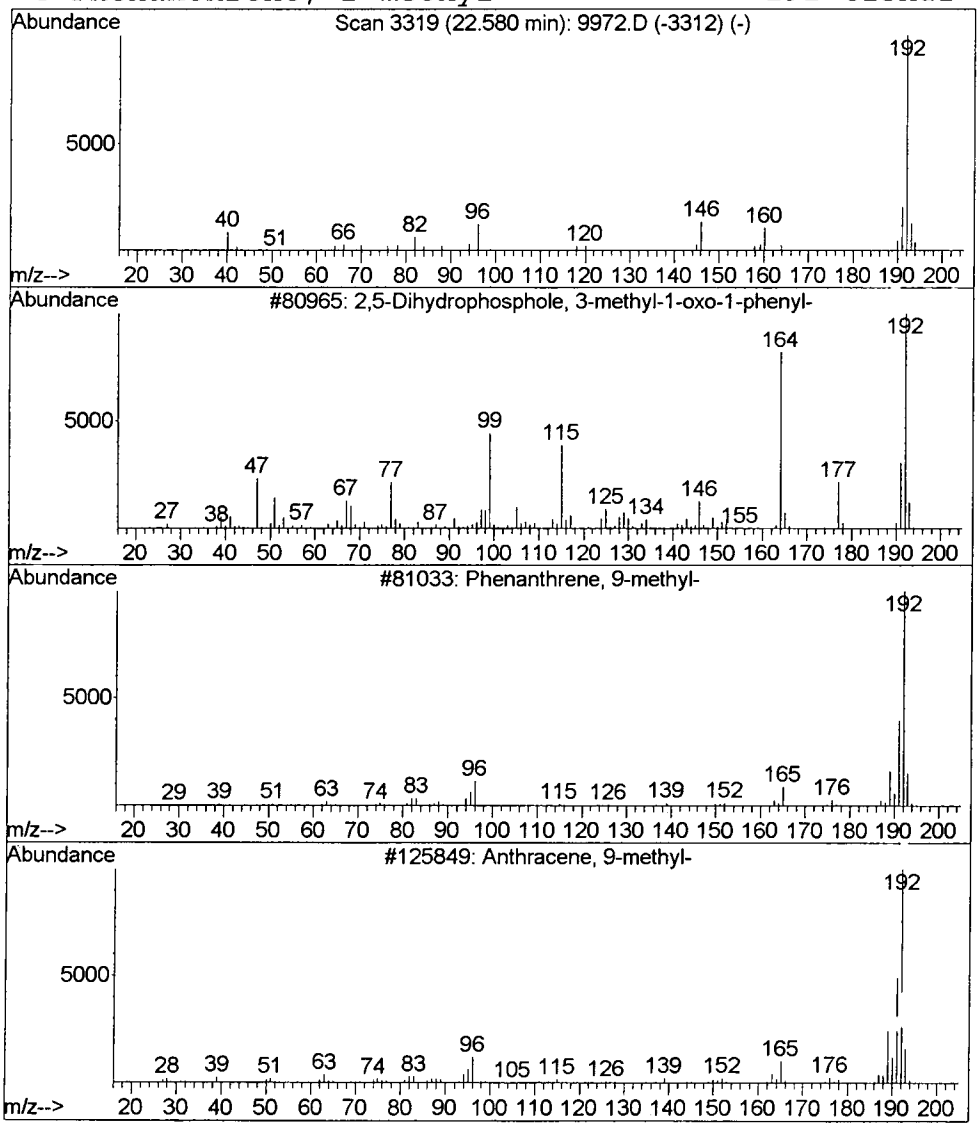
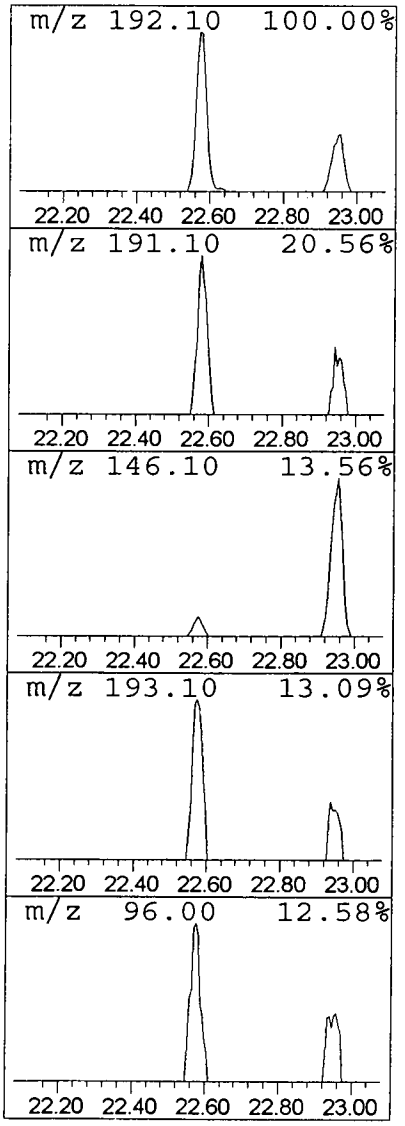
Peak Number 12 2,5-Dihydrophosphole, 3-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.35 ug/L	407275	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	42
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	40
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	40





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Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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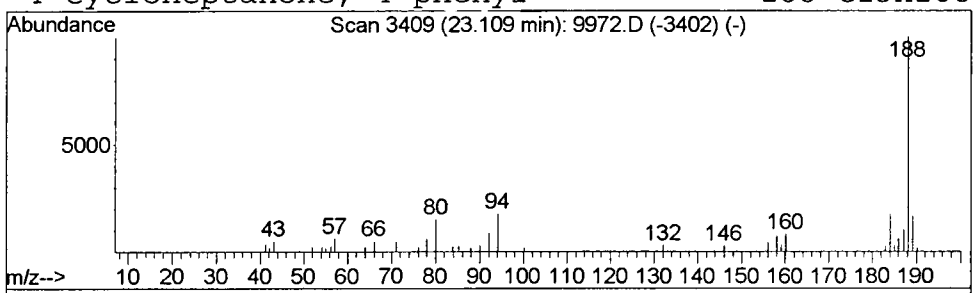
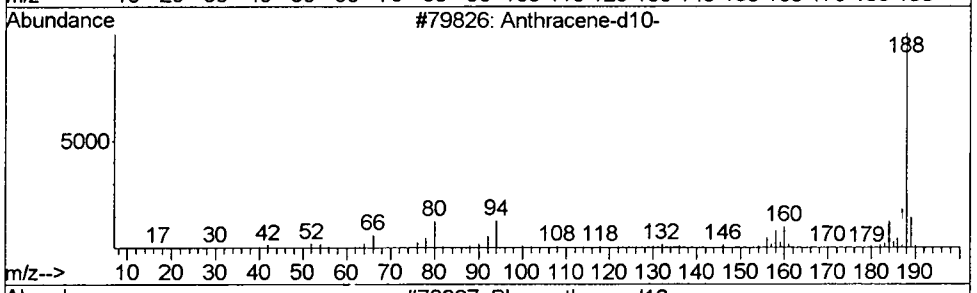
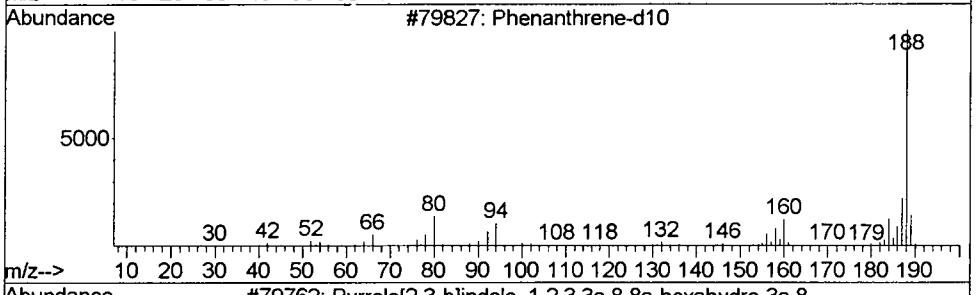
Peak Number 13 Anthracene-d10- Concentration Rank 2

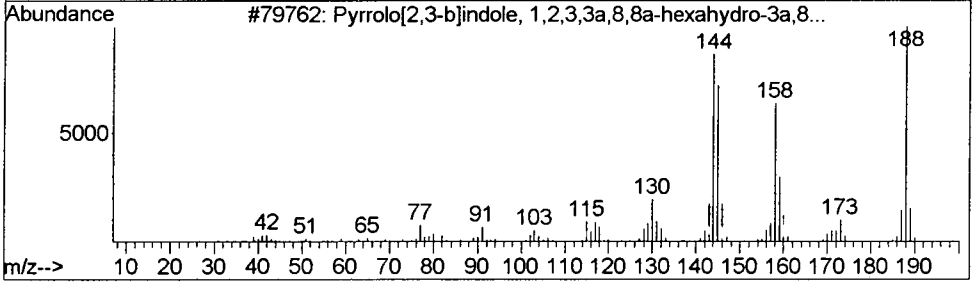
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.59 ug/L	683678	Phenanthranene-d10	22.96

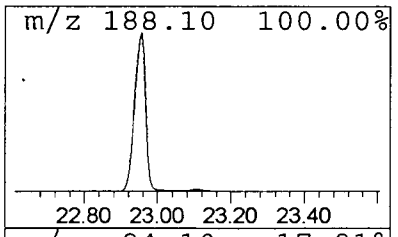
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	90
2	Phenanthrene-d10	188	C14D10	001517-22-2	80
3	Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	188	C12H16N2	004089-16-1	58
4	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	47

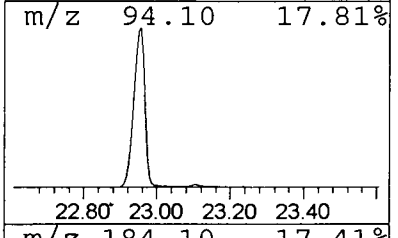


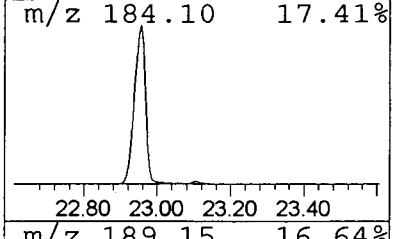


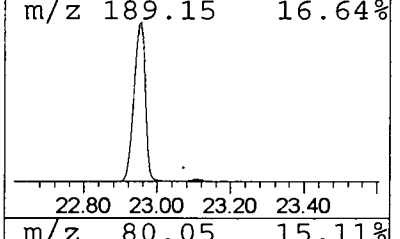


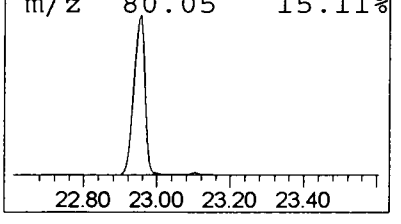












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9972.D Vial: 20
Acq On : 7 May 2002 3:11 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

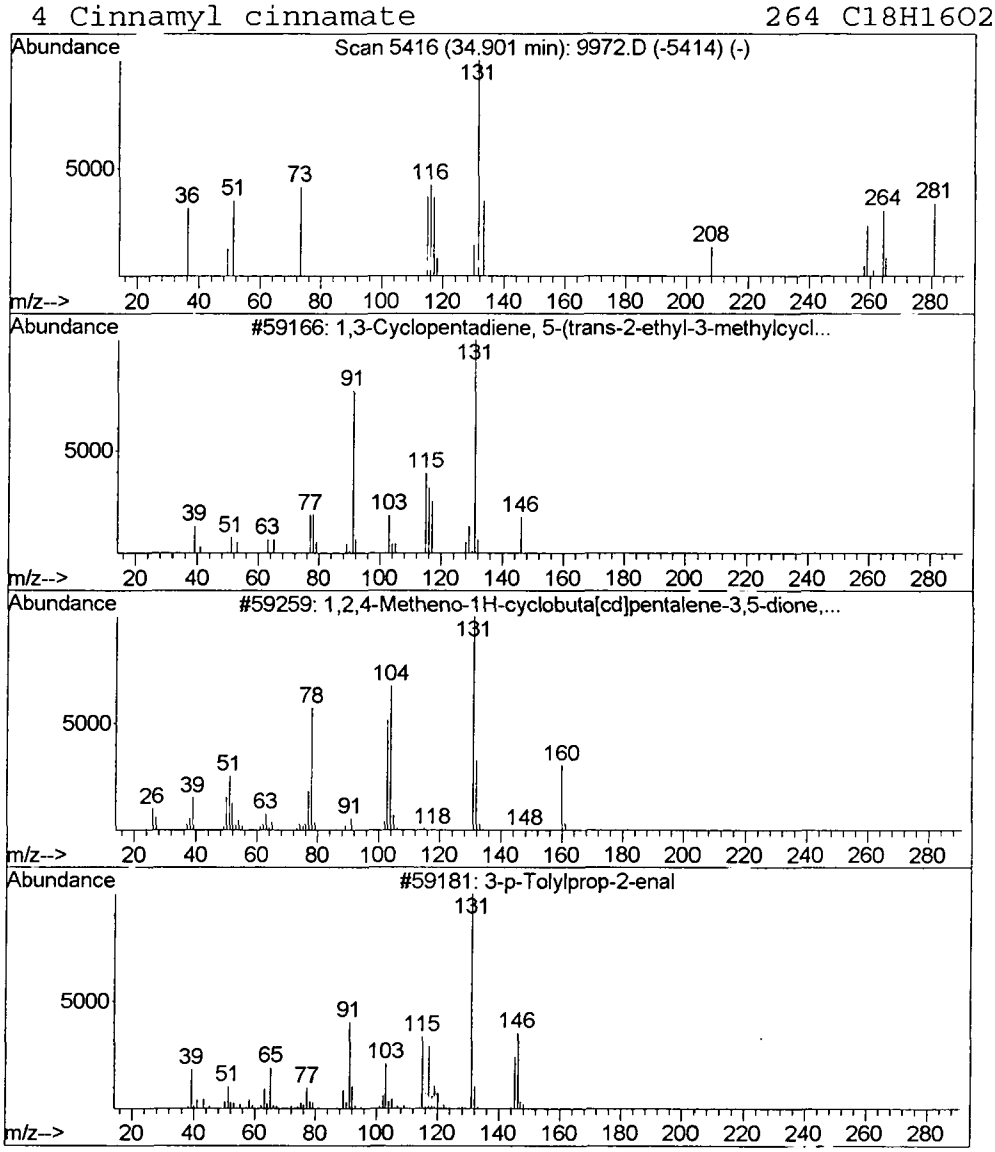
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

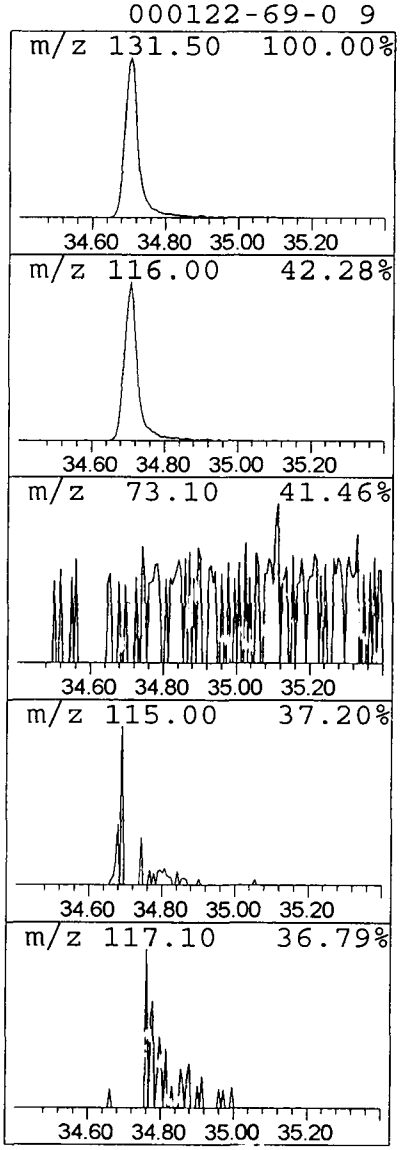
****

Peak Number 14 1,3-Cyclopentadiene, 5-(tra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.90	0.21 ug/L	166298	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	1000139-17-5	25
2	1,2,4-Metheno-1H-cyclobuta[cd]pe...	160	C10H8O2	014725-77-0	9
3	3-p-Tolylprop-2-enal	146	C10H10O	1000202-14-8	9
4	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	9





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 7 May 2002 3:11 am
Data File: C:\MSDCHEM\1\DATA\050602\9972.D
Name: 4/25
Misc:
Method: C:\MSDCHEM\1\METHODS\050102.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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.62	0.3	ug/L	268904	1	9.94	32466300	40.0
Acetic acid, chlo...	3.72	0.3	ug/L	265484	1	9.94	32466300	40.0
Krypton	3.76	0.3	ug/L	240728	1	9.94	32466300	40.0
Pyrrolidine, 3-me...	4.16	0.4	ug/L	285674	1	9.94	32466300	40.0
Ethene, 1-chloro-...	4.26	0.3	ug/L	242542	1	9.94	32466300	40.0
1-Hexene, 4,5-dim...	4.95	0.4	ug/L	313663	1	9.94	32466300	40.0
Chloroacetic acid...	5.10	0.4	ug/L	351021	1	9.94	32466300	40.0
Ethanol, 2-(2-pro...	5.64	0.4	ug/L	328735	1	9.94	32466300	40.0
2-Pentanone, 4-hy...	5.97	10.3	ug/L	8396060	1	9.94	32466300	40.0
4-Penten-2-one, 4...	7.73	0.3	ug/L	220319	1	9.94	32466300	40.0
Eicosane	21.76	0.2	ug/L	252118	4	22.96	46324300	40.0
2,5-Dihydrophosph...	22.58	0.4	ug/L	407275	4	22.96	46324300	40.0
Anthracene-d10-	23.11	0.6	ug/L	683678	4	22.96	46324300	40.0
1,3-Cyclopentadie...	34.90	0.2	ug/L	166298	6	34.71	32392500	40.0