User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 14:05:25

Sample: AE09971
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/9/02 14:05 Ended: 5/9/02 14:05 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE09971 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-09-2002 Time: 14:05:39

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\9977.D Vial: 19
Acq On : 7 May 2002 2:22 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:53:50 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	4450481	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	17601319	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	9574844	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	13892940	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	10252032	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	6295216	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	452479	7.50	ug/L	0.00
Spiked Amount 10.000			Recovery = 75.00%			
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	12.94	93	602	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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050602\9977.D Vial: 19
Acq On : 7 May 2002 2:22 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:53:50 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

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	25.09	149	41460	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	25328	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.38	149	111026	0.44 ug/L #	89
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)

Data File : C:\MSDCHEM\1\DATA\050602\9977.D Vial: 19
Acq On : 7 May 2002 2:22 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
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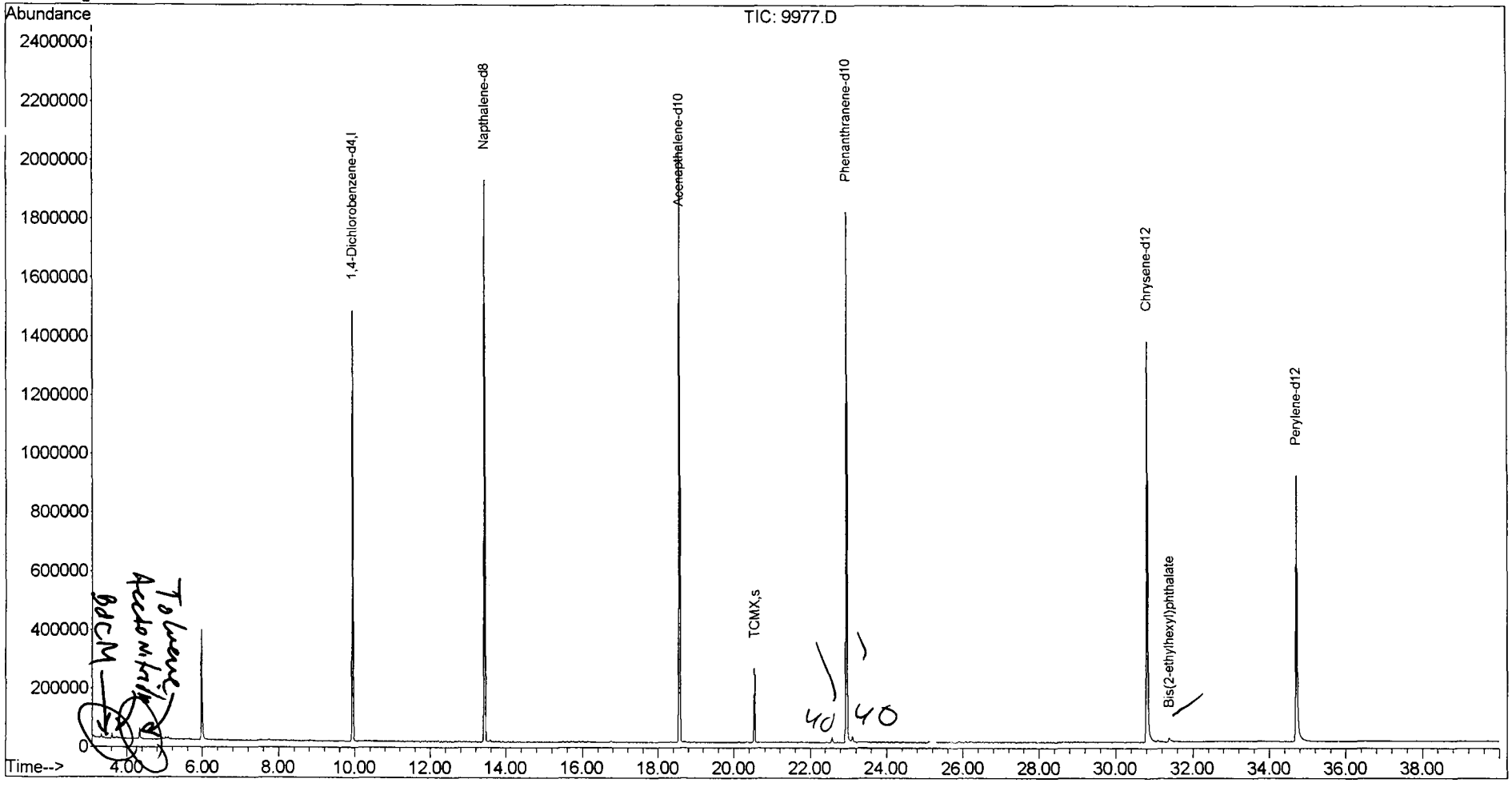
Quant Time: May 7 15:53 2002 Quant Results File: 050102.RES

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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050602\9977.D
Acq On : 7 May 2002 2:22 am
Sample : 4/25
Misc :
MS Integration Params: LSCINT.e

Vial: 19
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	3.114	3	6	16	BV 3	3351	61230	0.16%	0.028%
2	3.326	34	42	49	PV 2	14026	220467	0.56%	0.103%
3	3.379	49	51	60	VV 6	3691	74514	0.19%	0.035%
4	3.532	75	77	85	PV 5	2183	34019	0.09%	0.016%
5	3.608	85	90	97	VV 2	17759	279590	0.72%	0.130%
6	3.731	100	111	120	VV 6	5556	205570	0.53%	0.096%
7	4.254	196	200	206	VV 4	2496	44274	0.11%	0.021%
8	4.337	206	214	224	VV	38483	668930	1.71%	0.311%
9	4.401	224	225	230	VV 3	2604	34115	0.09%	0.016%
10	4.812	293	295	296	VV 2	1439	7970	0.02%	0.004%
11	4.948	307	318	325	VV 7	3812	100918	0.26%	0.047%
12	5.018	325	330	338	VV 4	8475	182600	0.47%	0.085%
13	5.094	338	343	356	VV 7	8088	203781	0.52%	0.095%
14	5.647	434	437	445	VV 6	3852	80887	0.21%	0.038%
15	5.970	485	492	530	VV	377527	7278295	18.62%	3.388%
16	6.446	567	573	576	VV 4	1827	30464	0.08%	0.014%
17	7.263	704	712	714	PV 2	1907	28453	0.07%	0.013%
18	7.456	740	745	748	VV 6	3010	60634	0.16%	0.028%
19	7.738	789	793	804	VV 4	5654	151623	0.39%	0.071%
20	8.338	887	895	897	VV 3	1867	33749	0.09%	0.016%
21	8.749	957	965	972	PV 5	2541	64550	0.17%	0.030%
22	8.820	972	977	982	VV 5	3826	67218	0.17%	0.031%
23	9.301	1054	1059	1071	VV 2	2321	65064	0.17%	0.030%
24	9.601	1106	1110	1119	VV 5	2758	55612	0.14%	0.026%
25	9.683	1119	1124	1131	VV 5	2978	81914	0.21%	0.038%
26	9.936	1155	1167	1181	VV	1441030	26908686	68.83%	12.525%
27	10.030	1181	1183	1190	VV 3	2117	42048	0.11%	0.020%
28	10.089	1190	1193	1196	VV 4	2188	34411	0.09%	0.016%
29	10.265	1218	1223	1226	VV 5	3211	63993	0.16%	0.030%
30	10.300	1226	1229	1232	VV 3	2891	39384	0.10%	0.018%
31	10.365	1236	1240	1251	VV 4	2539	82958	0.21%	0.039%
32	11.869	1489	1496	1504	PV 4	3402	57977	0.15%	0.027%
33	12.034	1518	1524	1535	PV 4	2260	56279	0.14%	0.026%
34	12.210	1548	1554	1562	VV 2	2893	68071	0.17%	0.032%
35	12.410	1581	1588	1593	VV 5	2944	56816	0.15%	0.026%
36	12.733	1638	1643	1649	VV 3	1825	35629	0.09%	0.017%
37	13.432	1748	1762	1780	VV	1924326	35986821	92.06%	16.750%

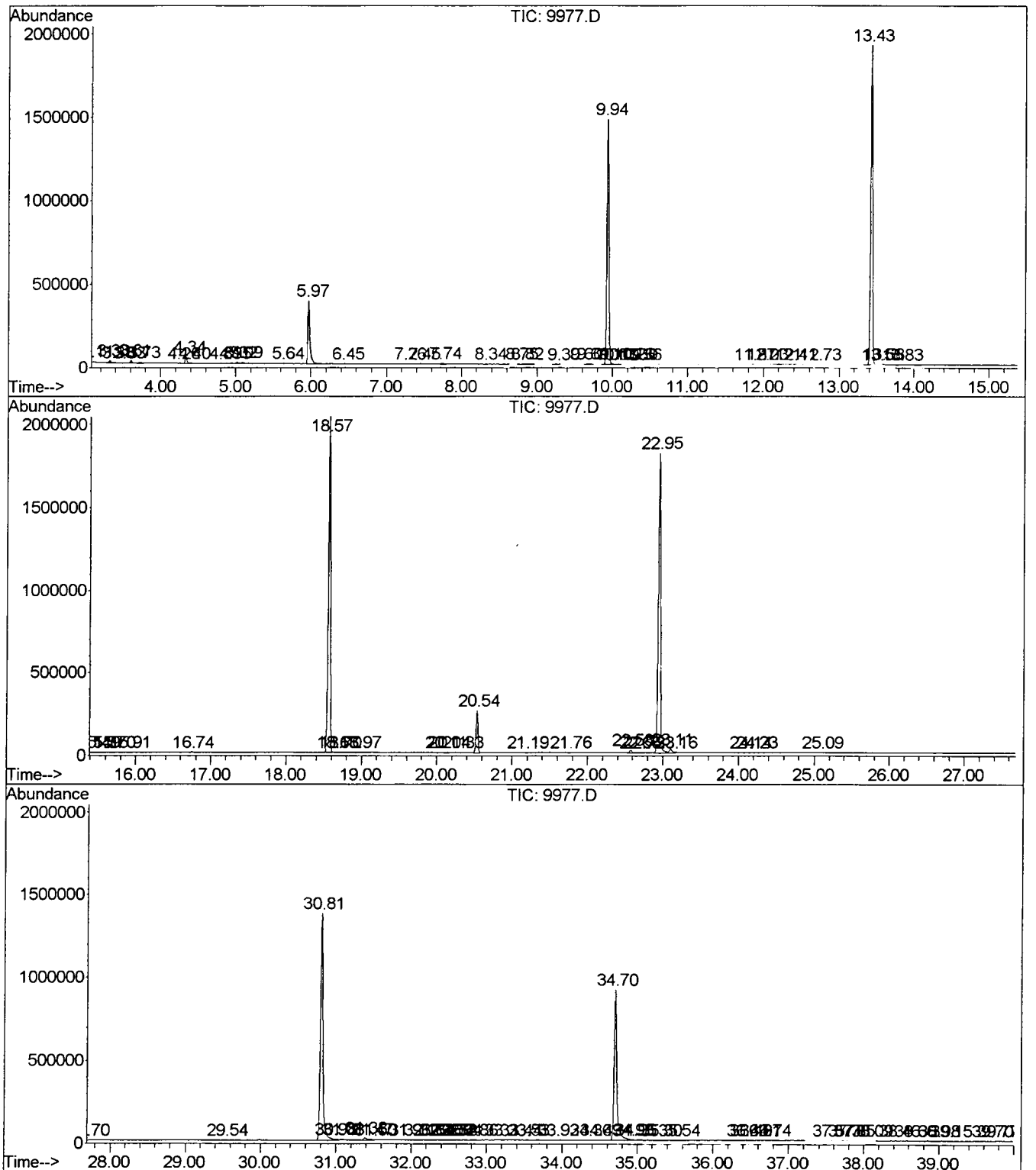
38	13.549	1780	1782	1784	VV	2	1795	18322	0.05%	0.009%
39	13.579	1784	1787	1793	VV	2	6422	104059	0.27%	0.048%
40	13.831	1823	1830	1834	VV	3	2665	38785	0.10%	0.018%
41	15.488	2096	2112	2120	VV		1817	83137	0.21%	0.039%
42	15.571	2124	2126	2130	PV		1703	24855	0.06%	0.012%
43	15.700	2145	2148	2153	VV	4	3017	48337	0.12%	0.022%
44	15.906	2179	2183	2191	VV	4	1974	52953	0.14%	0.025%
45	16.746	2320	2326	2337	VV	4	3867	101207	0.26%	0.047%
46	18.567	2626	2636	2650	PV		2004231	39092711	100.00%	18.196%
47	18.667	2650	2653	2657	VV	4	1790	30755	0.08%	0.014%
48	18.702	2657	2659	2662	VV		1756	18218	0.05%	0.008%
49	18.967	2695	2704	2708	BV	3	1673	24688	0.06%	0.011%
50	20.107	2896	2898	2900	PV	2	1734	15122	0.04%	0.007%
51	20.142	2900	2904	2909	VV	4	3265	58655	0.15%	0.027%
52	20.330	2932	2936	2938	VV	3	2906	42048	0.11%	0.020%
53	20.535	2962	2971	2981	VV		249683	4502593	11.52%	2.096%
54	21.188	3079	3082	3086	VV		2467	29741	0.08%	0.014%
55	21.758	3175	3179	3182	VV	3	3236	60470	0.15%	0.028%
56	22.580	3309	3319	3334	VV	3	17392	408090	1.04%	0.190%
57	22.680	3334	3336	3341	PV		2051	27378	0.07%	0.013%
58	22.733	3341	3345	3349	VV	2	2083	47020	0.12%	0.022%
59	22.956	3371	3383	3402	VV	2	1788836	38079408	97.41%	17.724%
60	23.109	3402	3409	3416	VV	3	21734	553972	1.42%	0.258%
61	23.162	3416	3418	3420	VV	3	4159	48072	0.12%	0.022%
62	24.143	3574	3585	3586	PV	2	1706	36994	0.09%	0.017%
63	24.231	3597	3600	3607	VV	2	1705	31007	0.08%	0.014%
64	25.089	3739	3746	3751	PV	2	2449	32649	0.08%	0.015%
65	27.698	4186	4190	4197	PV		1820	31884	0.08%	0.015%
66	29.543	4502	4504	4511	VV		1919	24982	0.06%	0.012%
67	30.806	4707	4719	4747	PV	2	1351560	31892310	81.58%	14.844%
68	30.976	4747	4748	4760	VV	3	6291	179517	0.46%	0.084%
69	31.076	4760	4765	4778	VV	7	5583	173018	0.44%	0.081%
70	31.382	4810	4817	4830	PV	3	13705	454925	1.16%	0.212%
71	31.470	4830	4832	4835	VV	3	4688	74063	0.19%	0.034%
72	31.505	4835	4838	4840	VV		3493	47006	0.12%	0.022%
73	31.963	4915	4916	4918	VV		1818	14823	0.04%	0.007%
74	32.157	4945	4949	4952	VV		1884	28024	0.07%	0.013%
75	32.357	4980	4983	4985	VV	2	2328	29380	0.08%	0.014%
76	32.398	4985	4990	4994	VV	3	2906	47037	0.12%	0.022%
77	32.545	5005	5015	5017	VV	6	2773	73841	0.19%	0.034%
78	32.586	5020	5022	5023	VV	2	2967	31471	0.08%	0.015%
79	32.639	5030	5031	5035	VV	4	2838	39429	0.10%	0.018%
80	32.857	5064	5068	5070	VV	3	3157	45043	0.12%	0.021%
81	33.227	5124	5131	5133	VV	2	3954	90809	0.23%	0.042%
82	33.438	5165	5167	5169	VV	2	3886	45673	0.12%	0.021%
83	33.532	5180	5183	5189	VV	3	3292	83987	0.21%	0.039%
84	33.926	5248	5250	5255	VV		2341	35524	0.09%	0.017%
85	34.355	5316	5323	5327	VV	4	1895	41879	0.11%	0.019%
86	34.496	5344	5347	5349	VV	2	2099	22019	0.06%	0.010%
87	34.707	5371	5383	5419	VV	2	894649	23239632	59.45%	10.817%

88	34.931	5419	5421	5424	VV 3	6678	107182	0.27%	0.050%
89	34.960	5424	5426	5429	VV 2	5306	82734	0.21%	0.039%
90	35.301	5479	5484	5489	VV 2	2533	58809	0.15%	0.027%
91	35.542	5520	5525	5529	VV 3	2146	47920	0.12%	0.022%
92	36.441	5677	5678	5684	VV 4	2923	60204	0.15%	0.028%
93	36.488	5684	5686	5700	VV 7	3098	131067	0.34%	0.061%
94	36.605	5704	5706	5710	VV 2	2756	46238	0.12%	0.022%
95	36.740	5723	5729	5732	VV 3	2844	63675	0.16%	0.030%
96	37.575	5866	5871	5873	VV	2487	38101	0.10%	0.018%
97	37.780	5904	5906	5907	VV 2	2129	16881	0.04%	0.008%
98	37.851	5916	5918	5921	VV 3	2760	34727	0.09%	0.016%
99	38.092	5955	5959	5961	VV 2	2244	27638	0.07%	0.013%
100	38.456	6019	6021	6024	VV	2638	27170	0.07%	0.013%
101	38.662	6050	6056	6062	VV 2	2426	54749	0.14%	0.025%
102	38.985	6101	6111	6113	PV 2	1825	49068	0.13%	0.023%
103	39.155	6133	6140	6145	VV 4	2309	56939	0.15%	0.027%
104	39.696	6228	6232	6235	PV 2	1808	25273	0.06%	0.012%
105	39.772	6241	6245	6247	PV 3	982	12726	0.03%	0.006%

Sum of corrected areas: 214848139

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050602\9977.D
Operator : Mclean
Acquired : 7 May 2002 2:22 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/25
Misc Info :
Vial Number: 19
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9977.D Vial: 19
Acq On : 7 May 2002 2:22 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

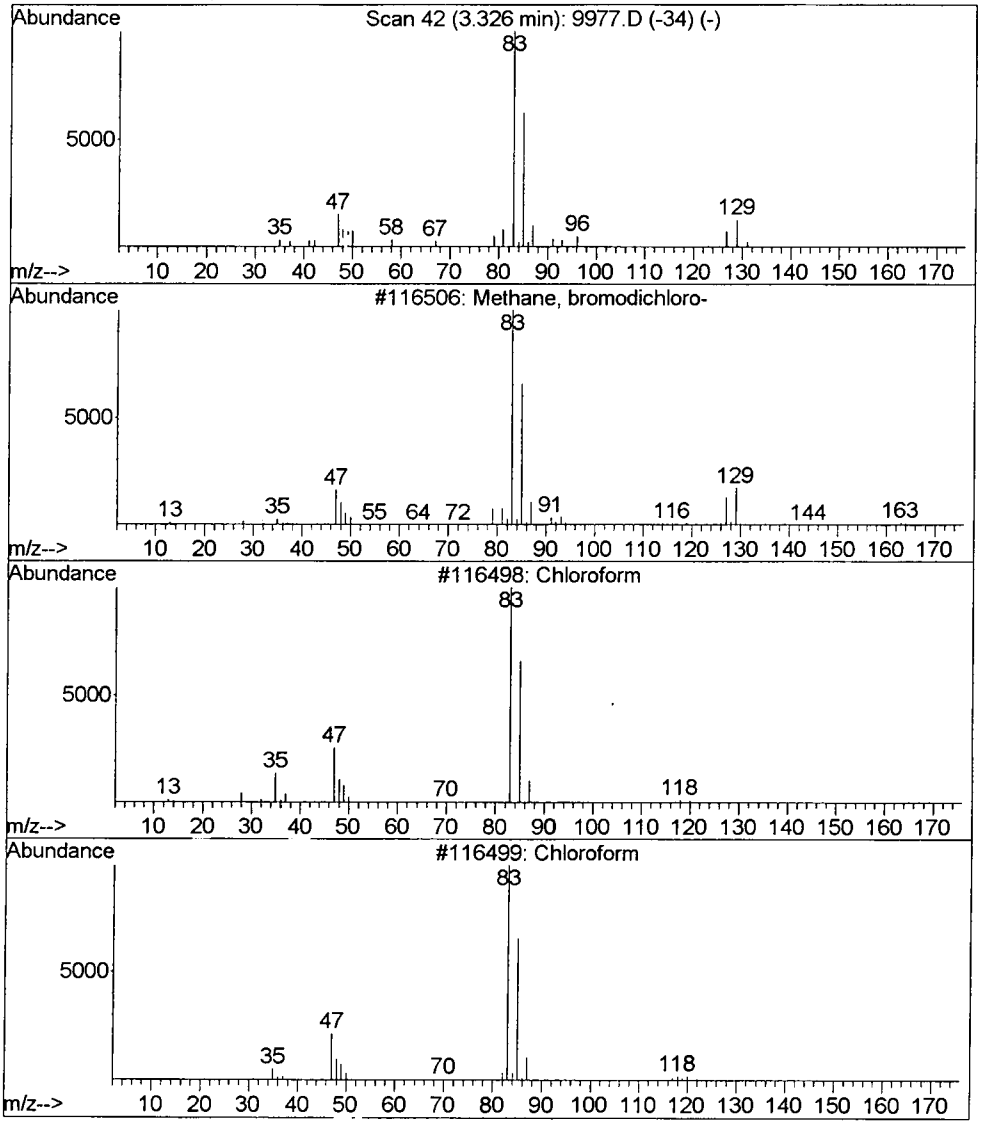
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

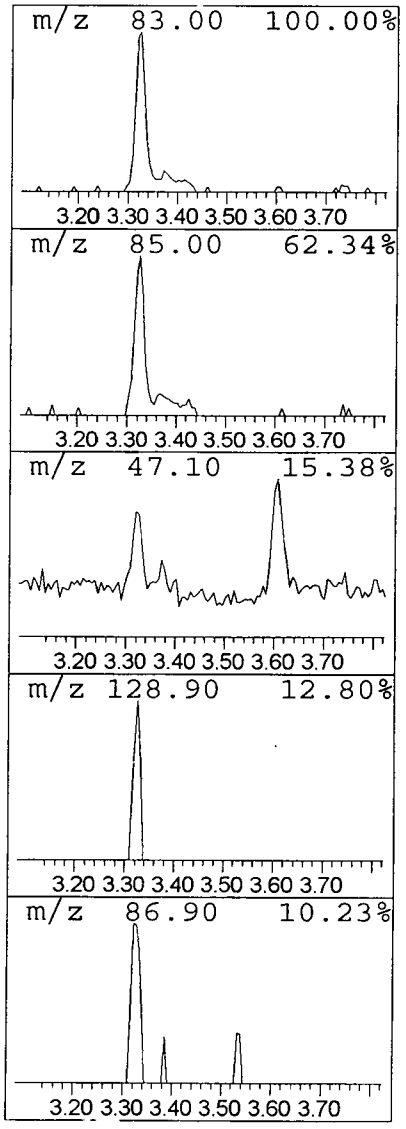
****

Peak Number 1 Methane, bromodichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	0.33 ug/L	220467	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
2	Chloroform	118	CHCl3	000067-66-3	72
3	Chloroform	118	CHCl3	000067-66-3	72
4	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	59





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9977.D
Acq On : 7 May 2002 2:22 am
Sample : 4/25
Misc :
MS Integration Params: LSCINT.e

Vial: 19
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

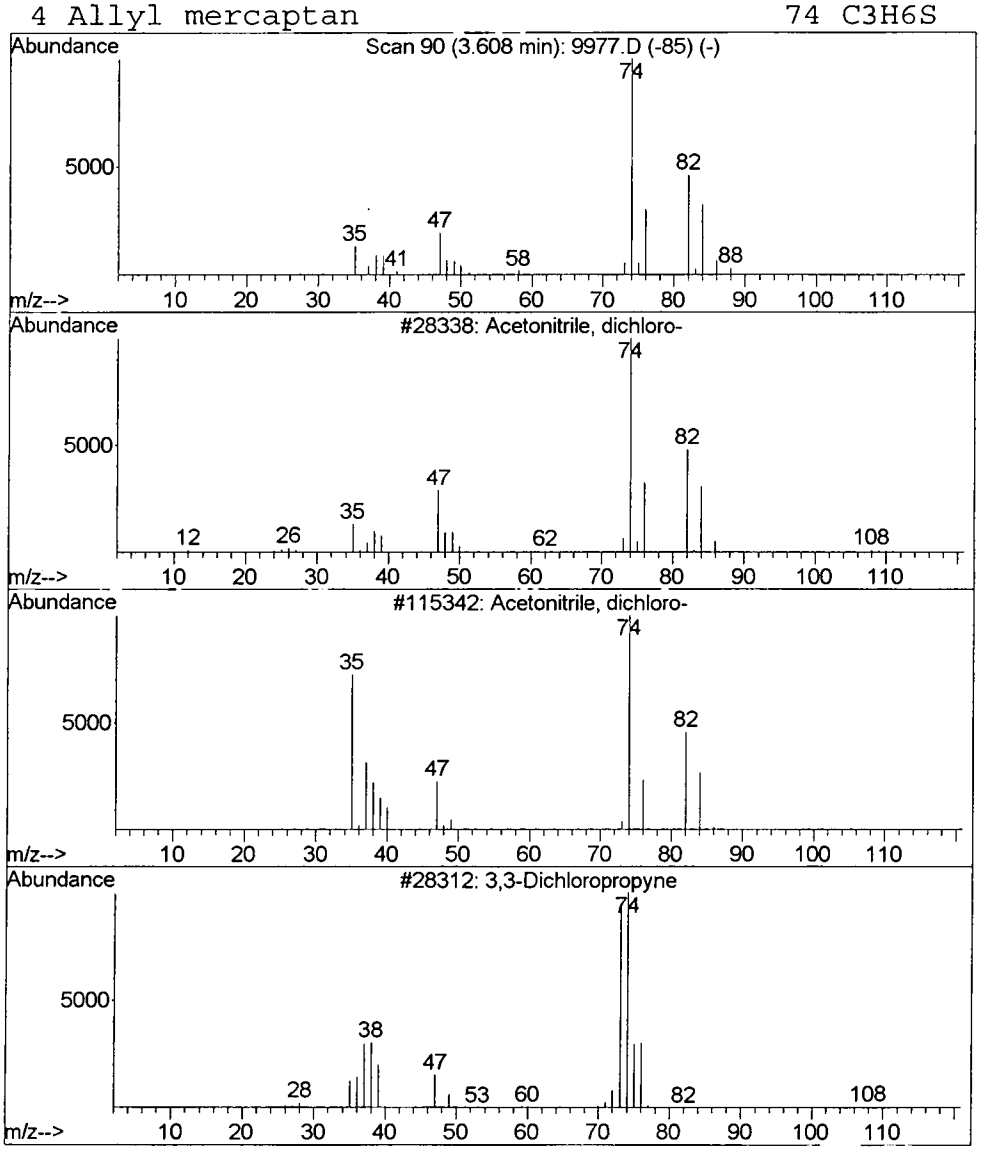
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

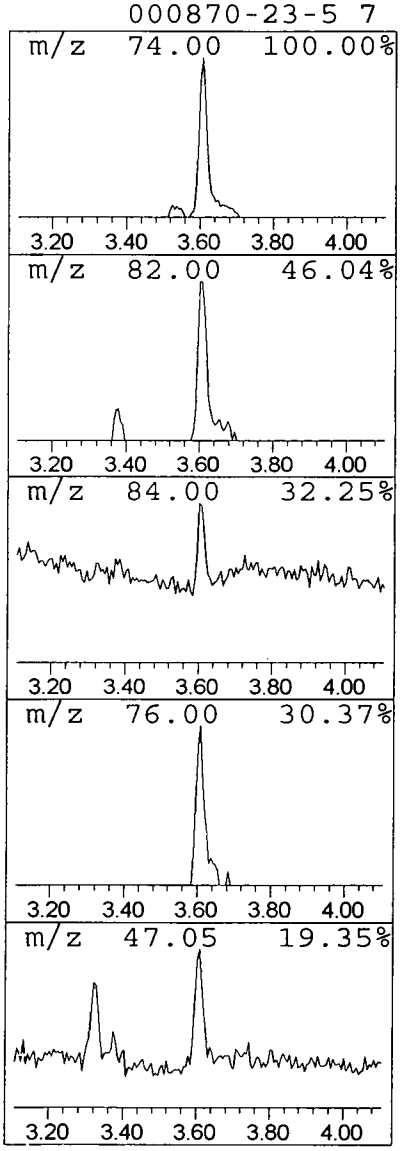
****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.42 ug/L	279590	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	83
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	33
4	Allyl mercaptan	74	C3H6S	000870-23-5	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9977.D
Acq On : 7 May 2002 2:22 am
Sample : 4/25
Misc :
MS Integration Params: LSCINT.e

Vial: 19
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

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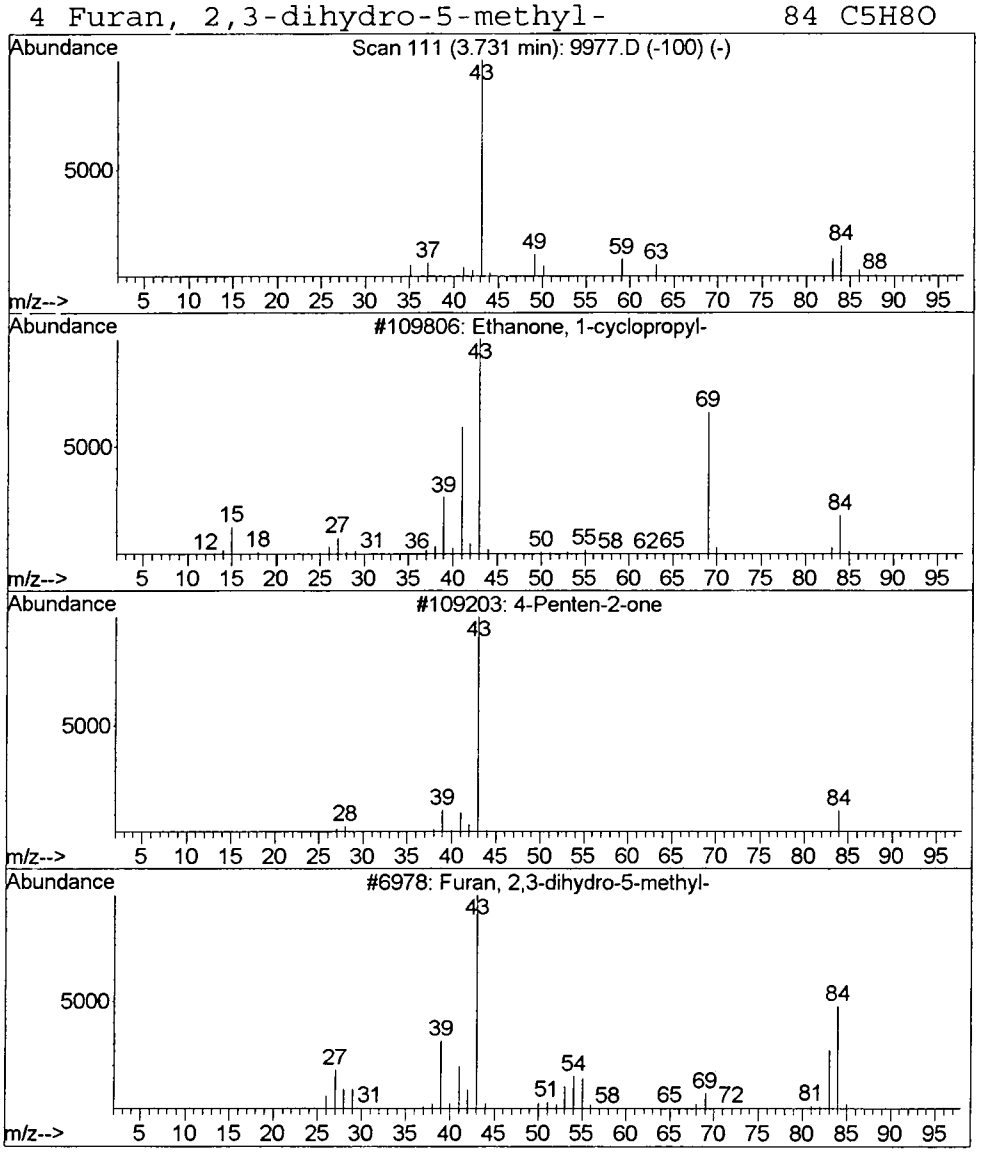
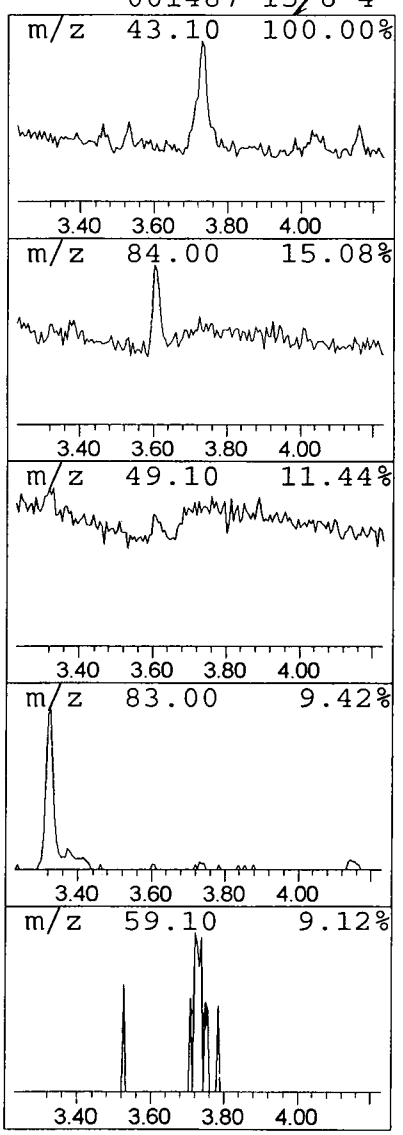
Peak Number 3 Ethanone, 1-cyclopropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	0.31 ug/L	205570	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	5
2	4-Penten-2-one	84	C5H8O	013891-87-7	4
3	Furan, 2,3-dihydro-5-methyl-	84	C5H8O	001487-15-6	4
4	Furan, 2,3-dihydro-5-methyl-	84	C5H8O	001487-15-6	4





Library Search Compound Report

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Acq On : 7 May 2002 2:22 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

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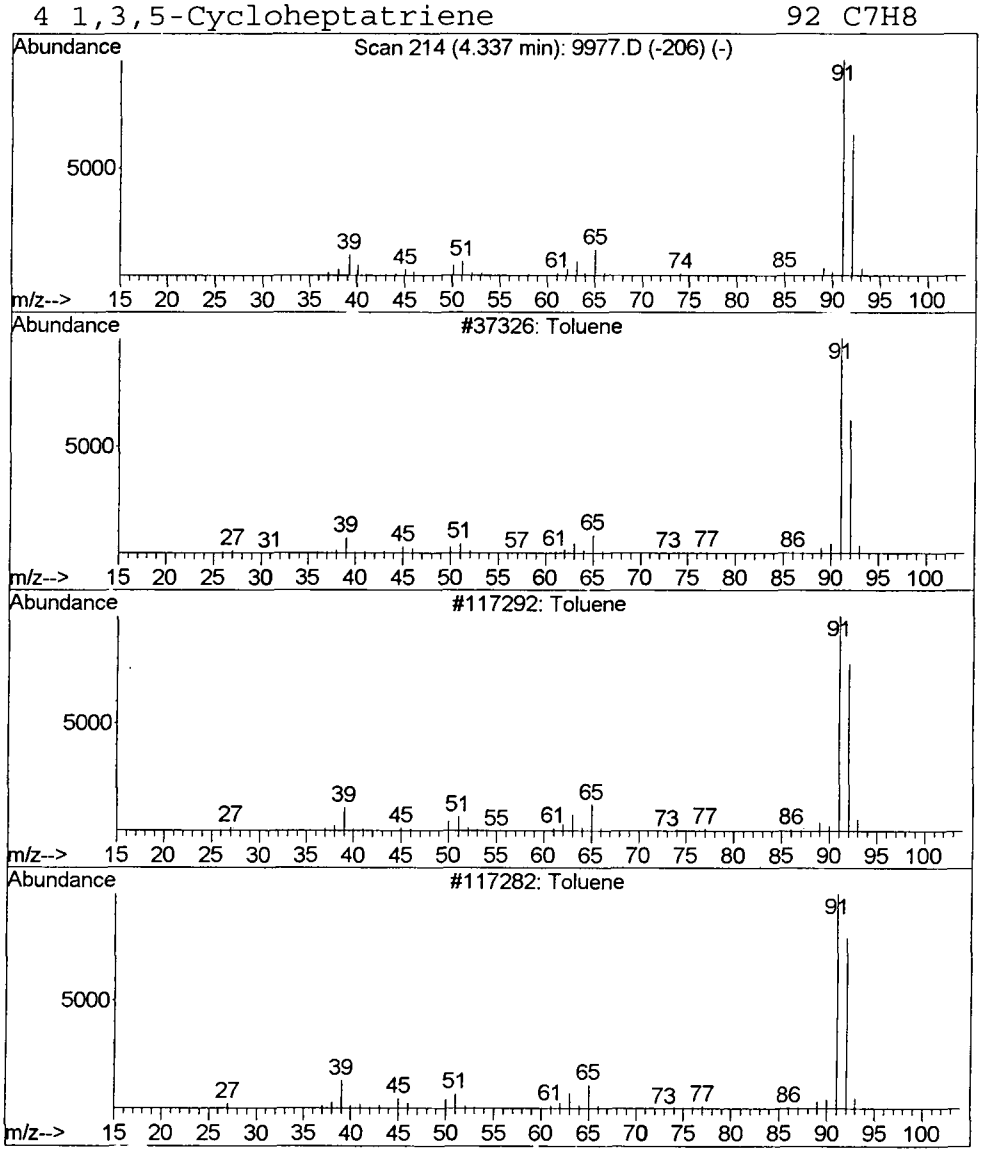
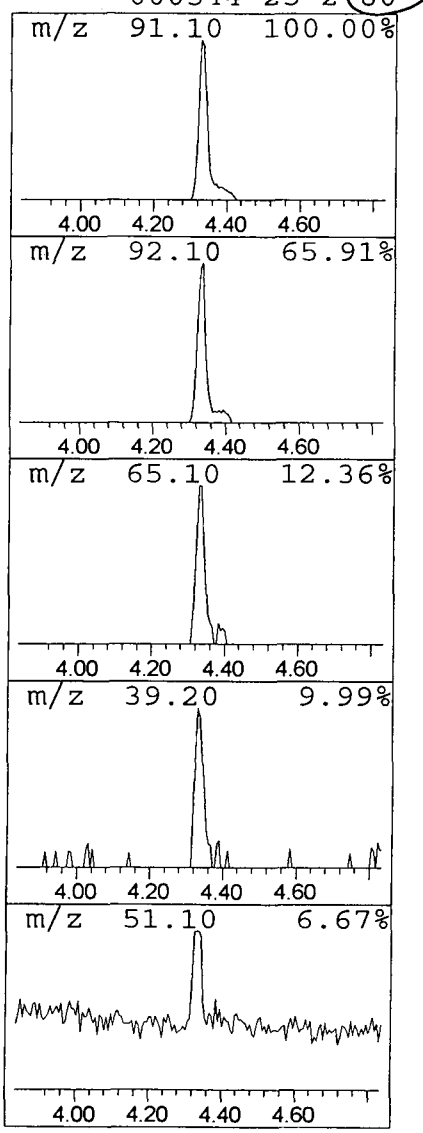
Peak Number 4 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	0.99 ug/L	668930	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	87
2	Toluene	92	C7H8	000108-88-3	81
3	Toluene	92	C7H8	000108-88-3	81
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80





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

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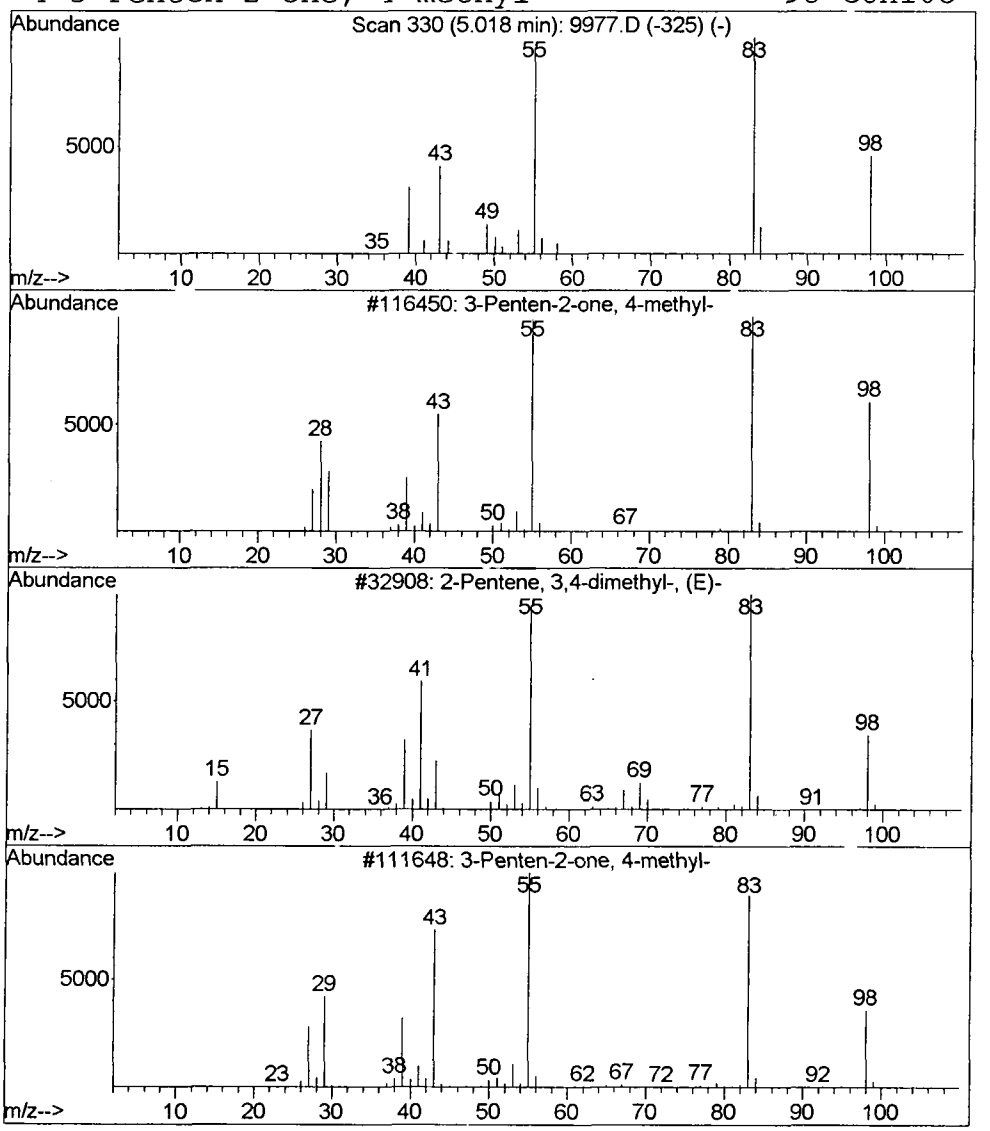
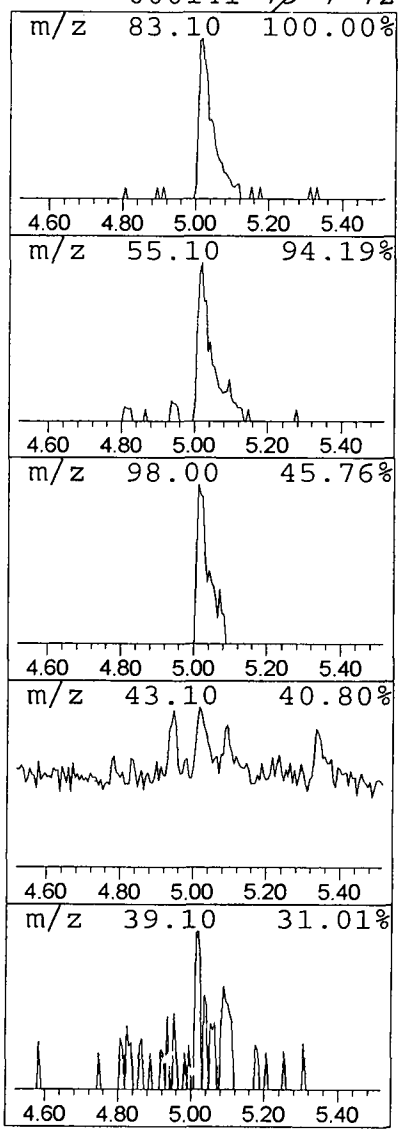
Peak Number 5 3-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.27 ug/L	182600	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	72
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	72
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	72





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

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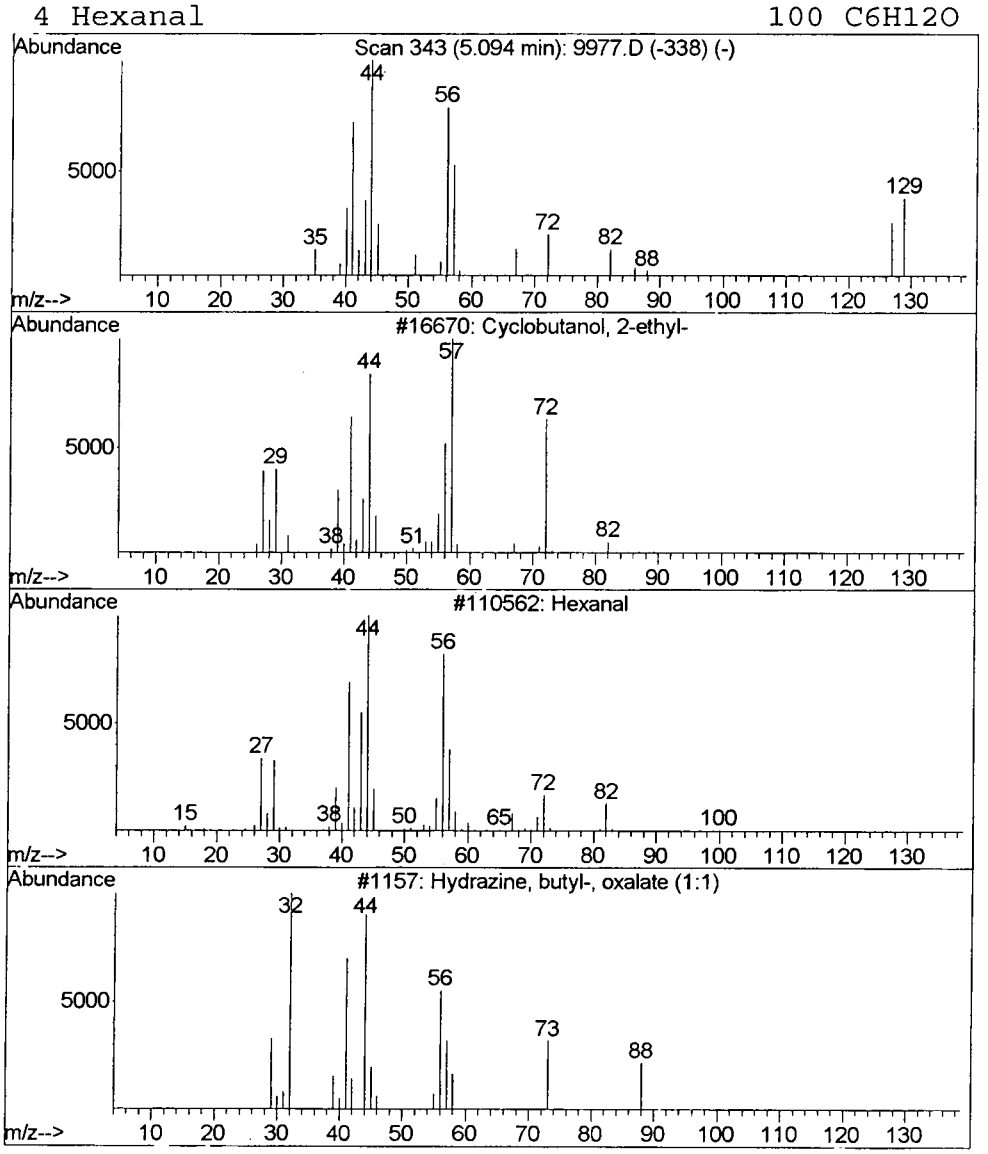
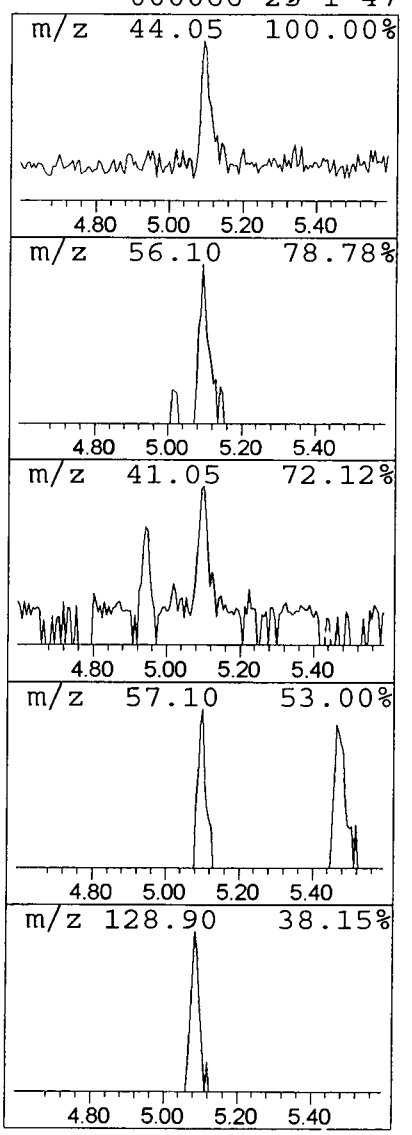
Peak Number 6 Cyclobutanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	0.30 ug/L	203781	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	53
2	Hexanal	100	C6H12O	000066-25-1	53
3	Hydrazine, butyl-, oxalate (1:1)	178	C6H14N2O4	006629-62-5	47
4	Hexanal	100	C6H12O	000066-25-1	47





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Vial: 19
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Multiplr: 1.00

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

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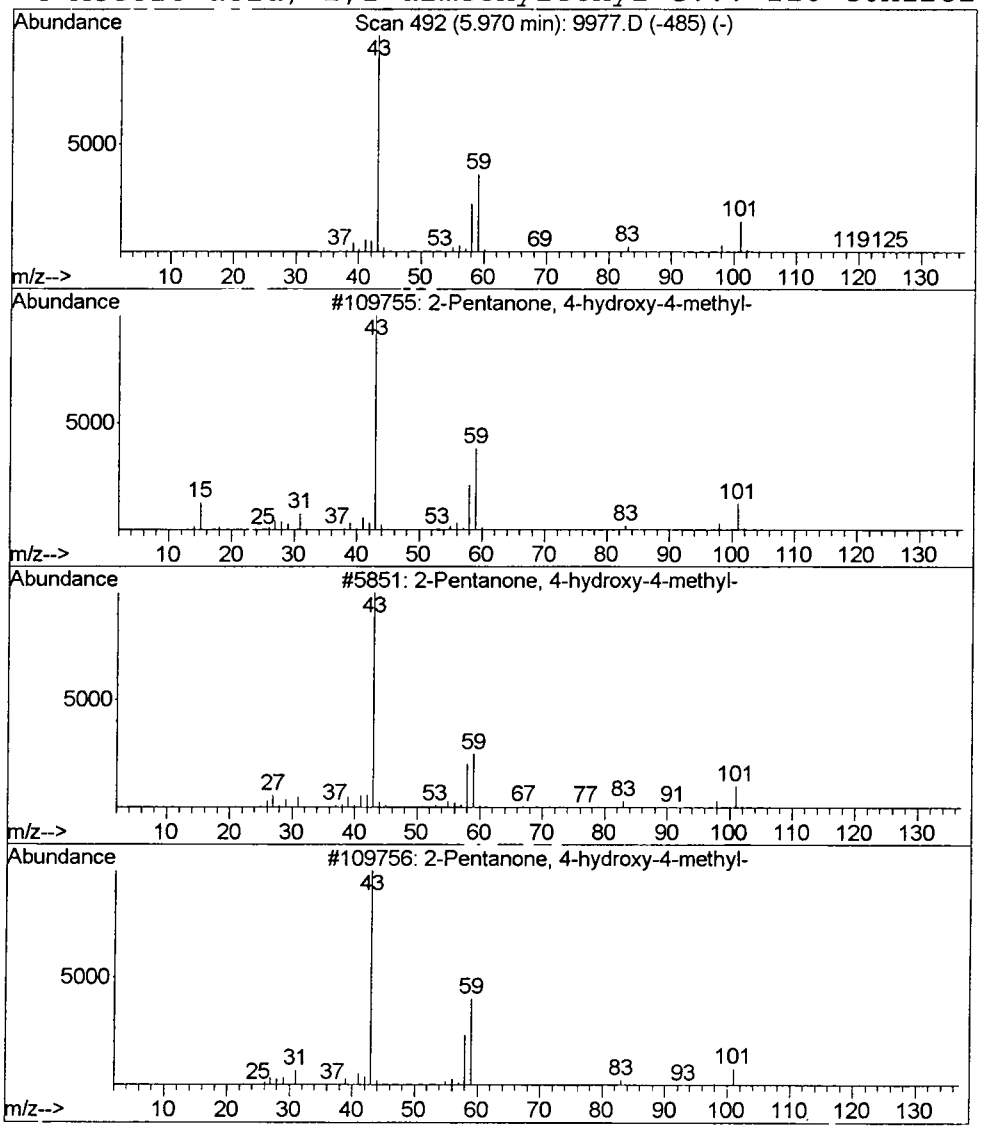
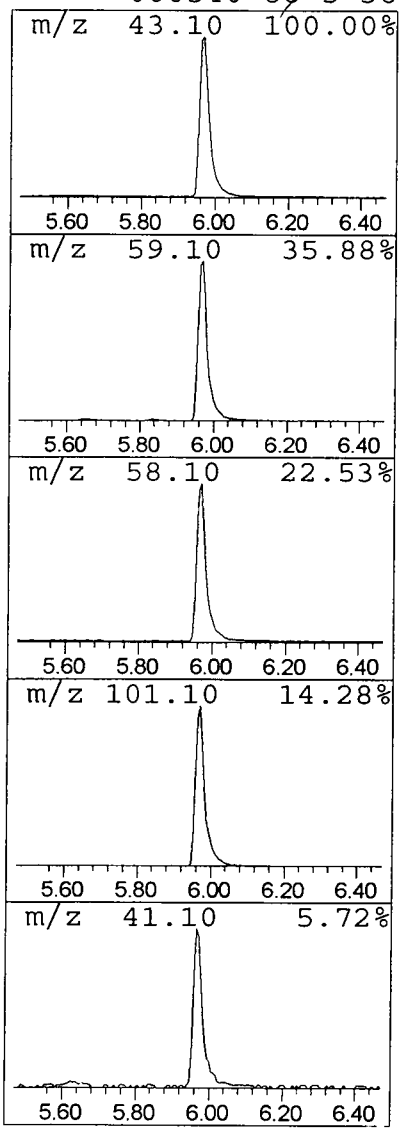
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	10.82 ug/L	7278300	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	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36





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

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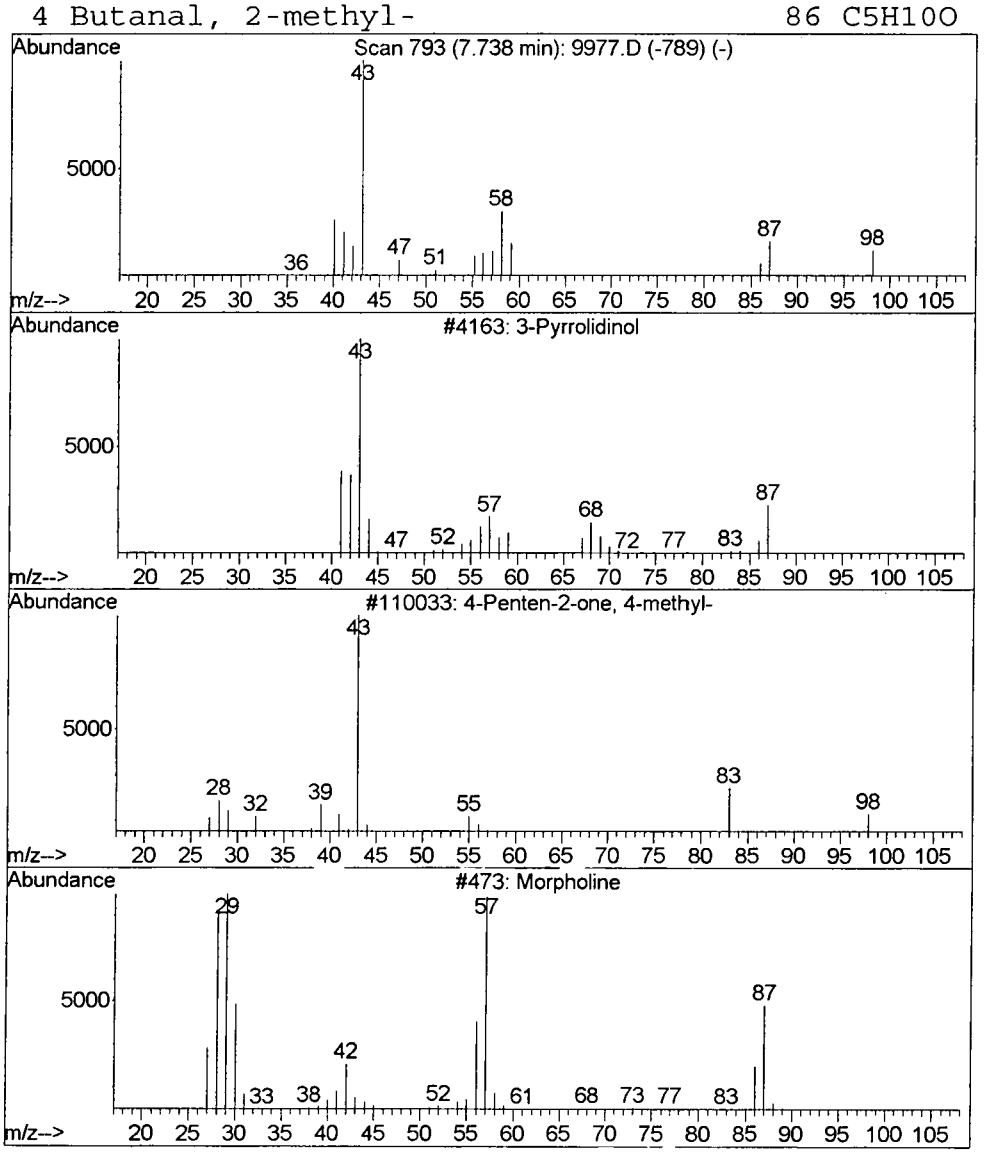
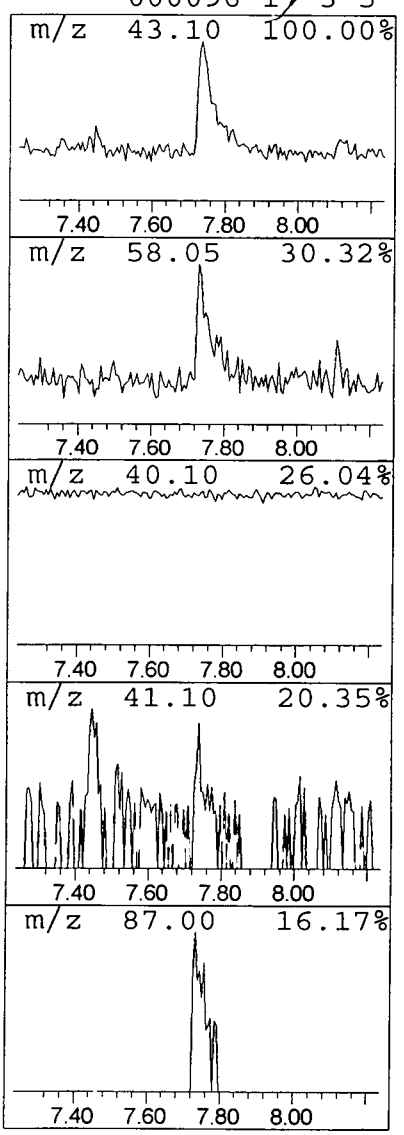
Peak Number 8 3-Pyrrolidinol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.23 ug/L	151623	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol	87	C4H9NO	040499-83-0	38
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	7
3	Morpholine	87	C4H9NO	000110-91-8	7
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	5





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

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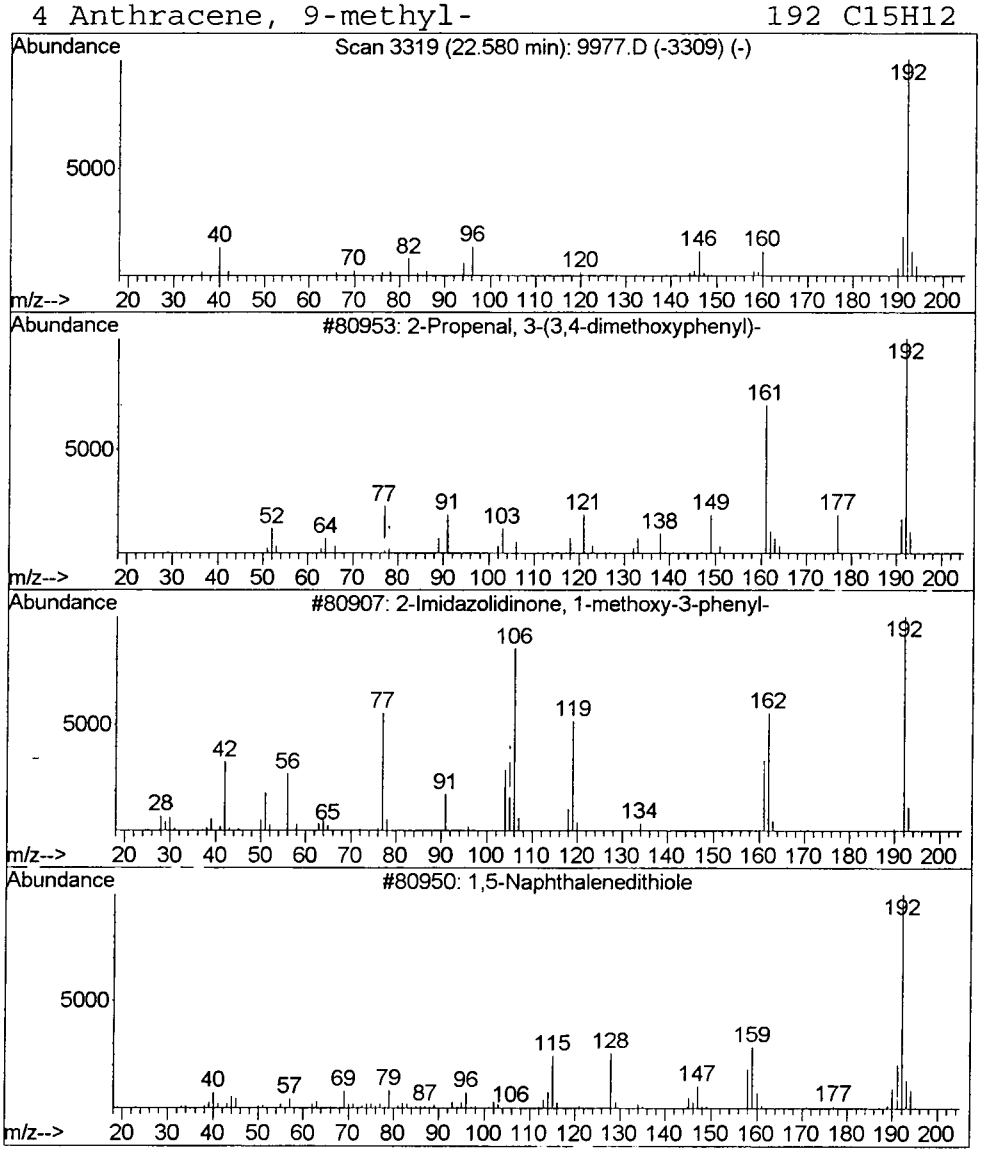
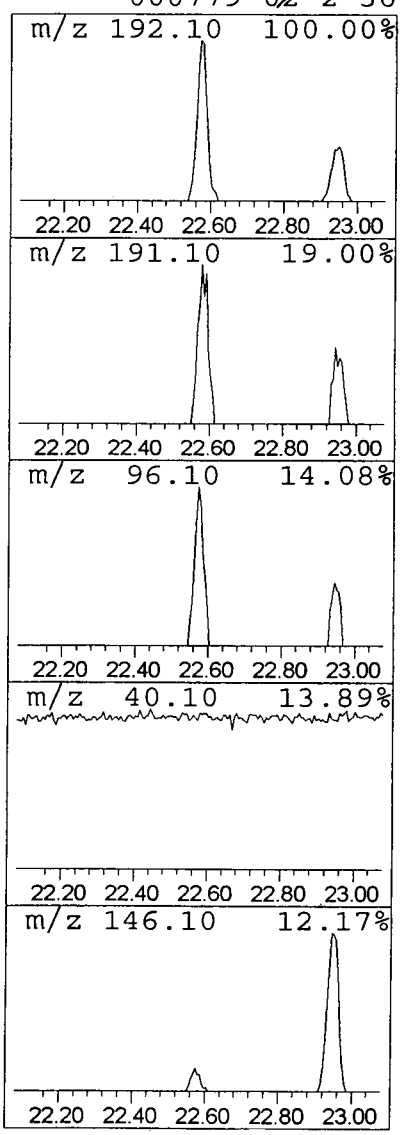
Peak Number 9 2-Propenal, 3-(3,4-dimethox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.43 ug/L	408090	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
2	2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	38
3	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	38
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	36





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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

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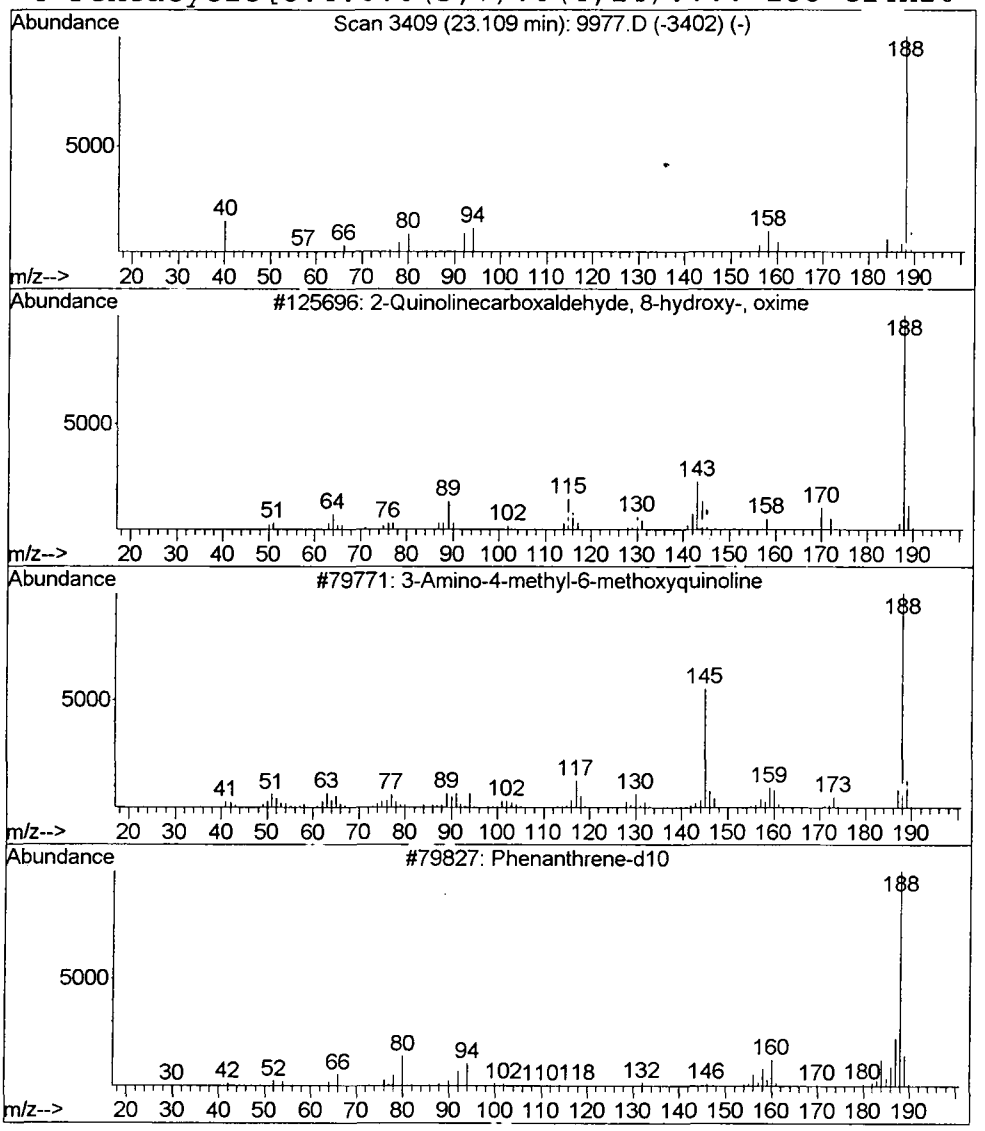
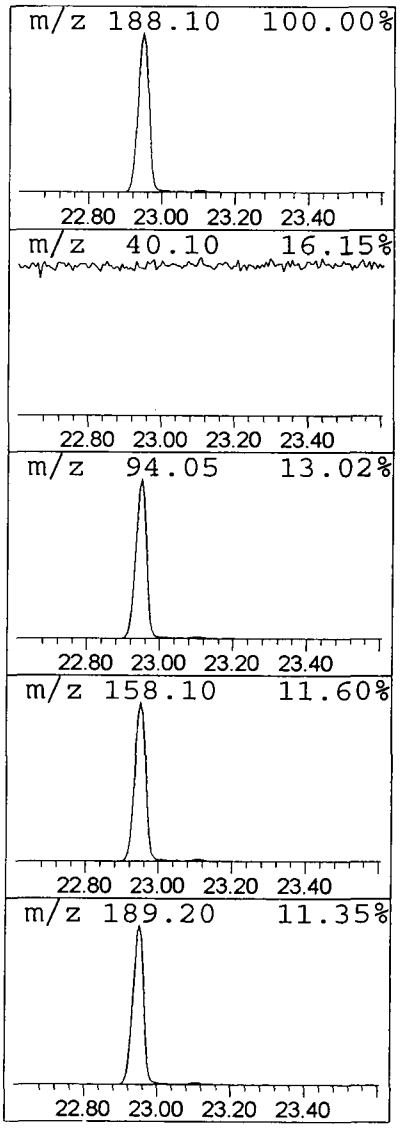
Peak Number 10 2-Quinolinecarboxaldehyde, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.58 ug/L	553972	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	42
2	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40
3	Phenanthrene-d10	188	C14D10	001517-22-2	37
4	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	33





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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

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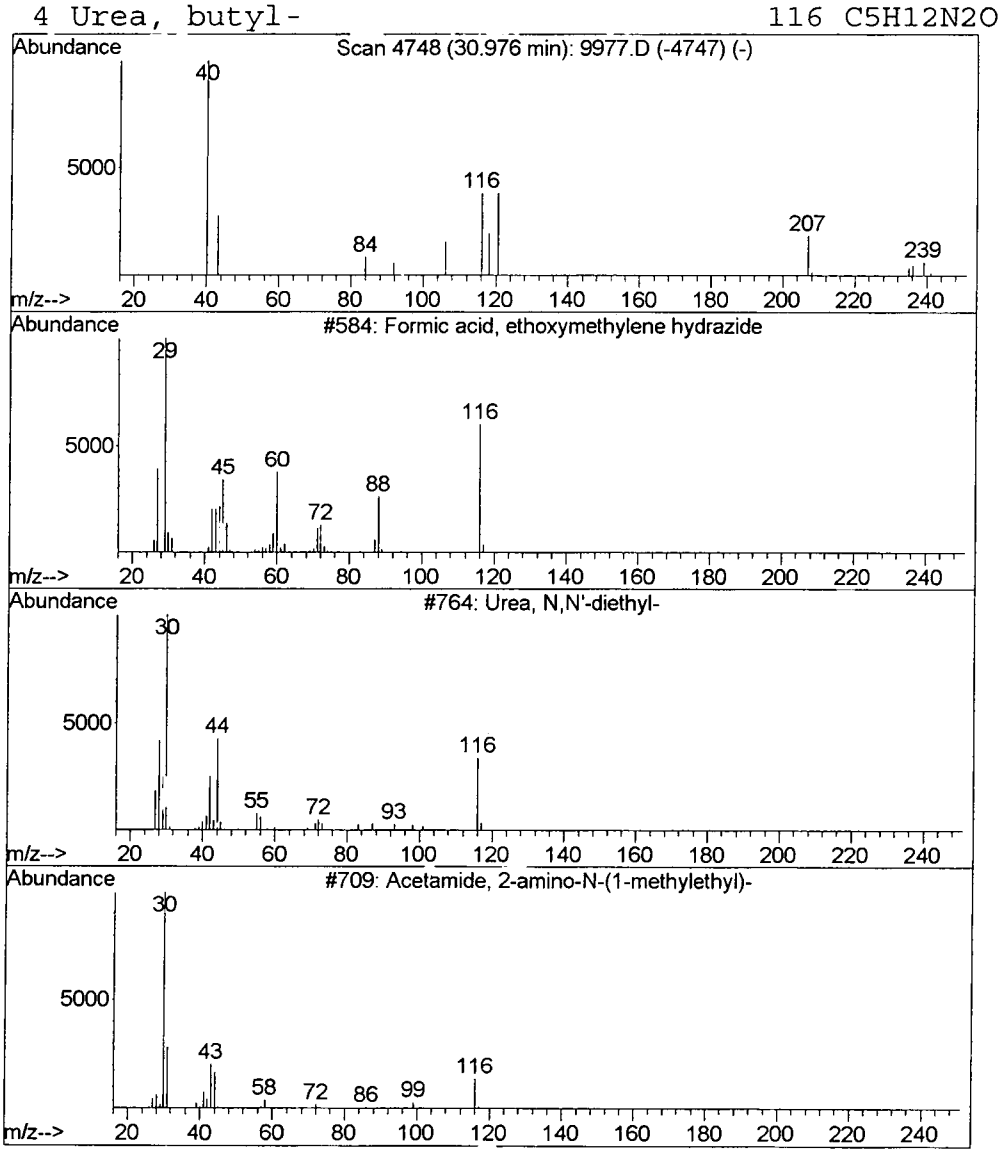
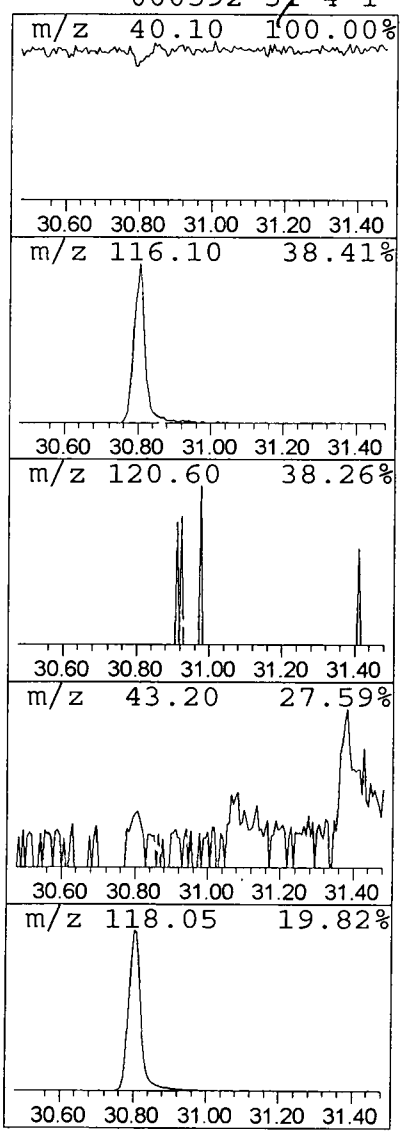
Peak Number 11 Formic acid, ethoxymethylen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.98	0.23 ug/L	179517	Chrysene-d12	30.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, ethoxymethylene hyd...	116	C4H8N2O2	1000195-04-9	2
2	Urea, N,N'-diethyl-	116	C5H12N2O	000623-76-7	2
3	Acetamide, 2-amino-N-(1-methylet...	116	C5H12N2O	067863-05-2	1
4	Urea, butyl-	116	C5H12N2O	000592-31-4	1





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

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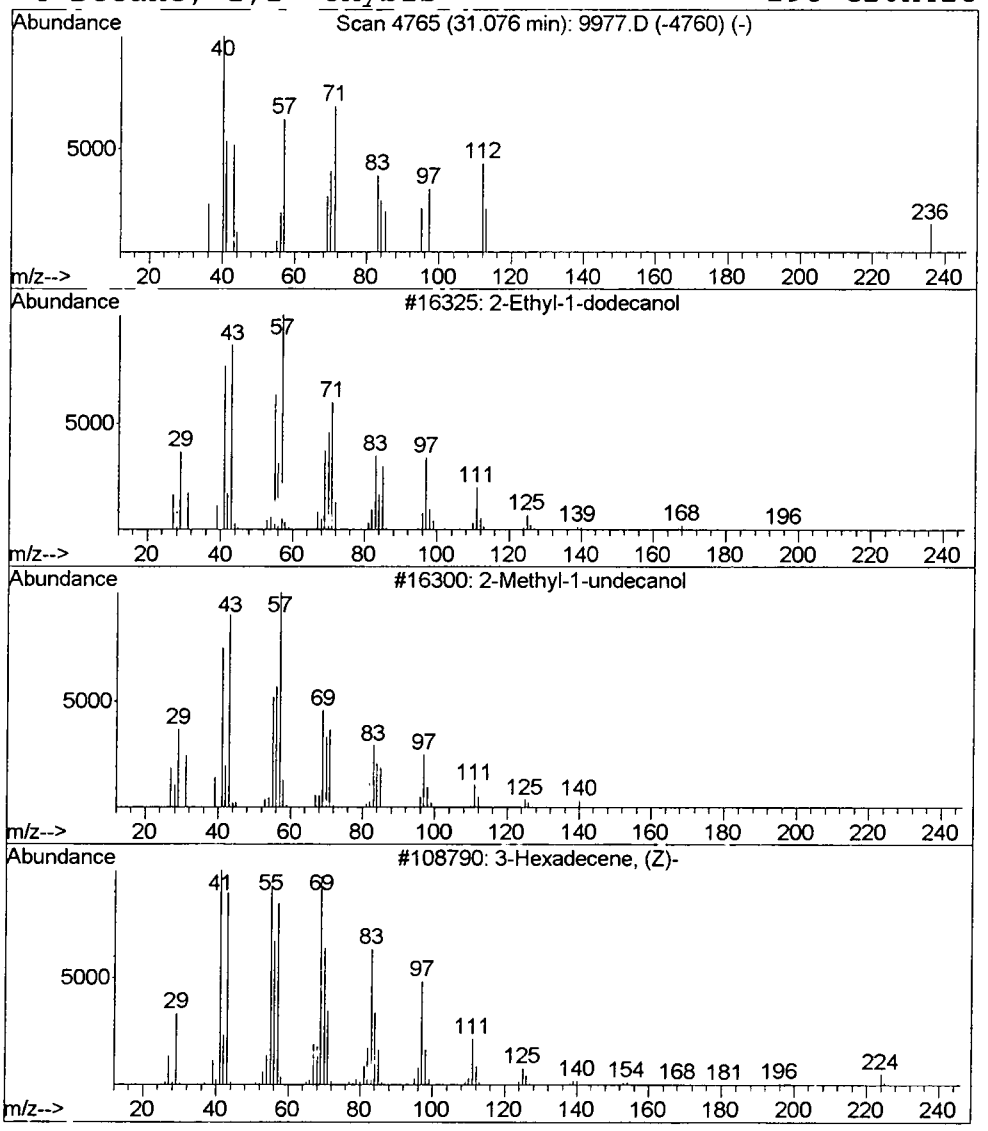
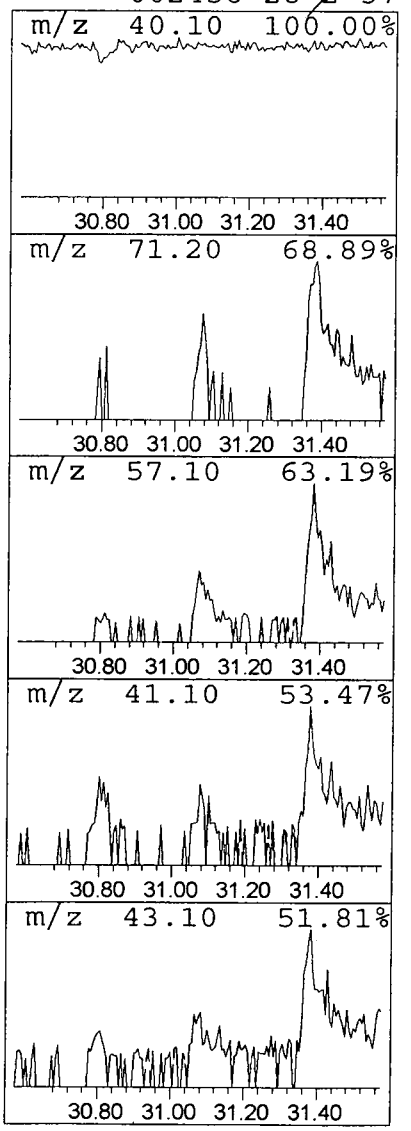
Peak Number 12 2-Ethyl-1-dodecanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.22 ug/L	173018	Chrysene-d12	30.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	50
2	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	38
3	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	37
4	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	37





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

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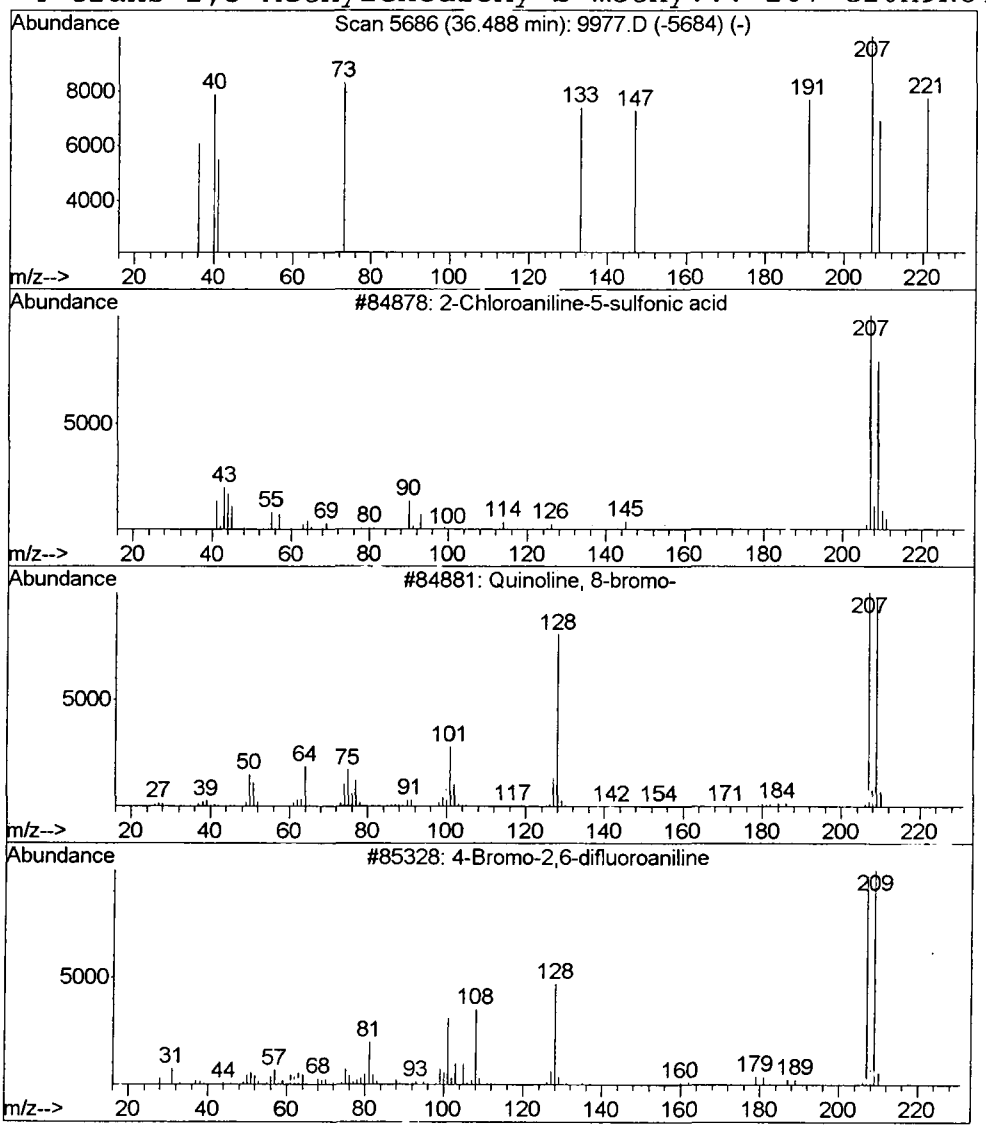
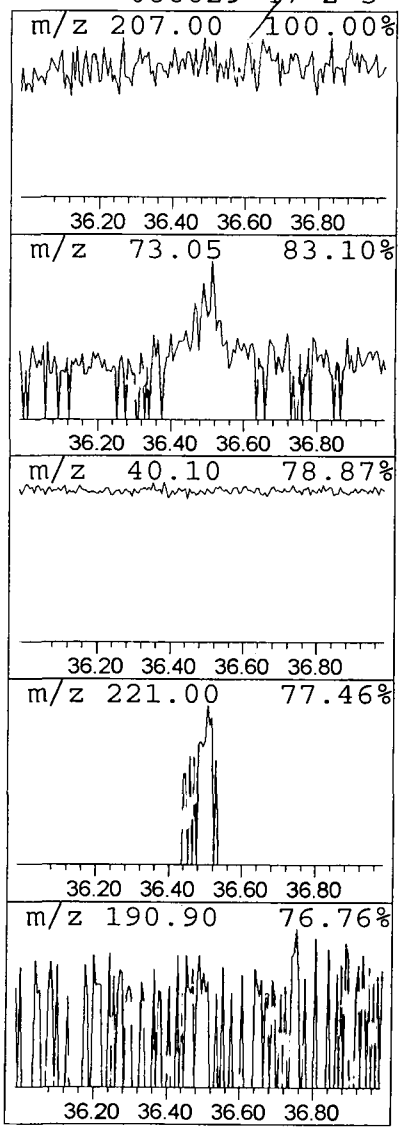
Peak Number 13 2-Chloroaniline-5-sulfonic ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.49	0.23 ug/L	131067	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroaniline-5-sulfonic acid	207	C6H6ClNO3S	000098-36-2	9
2	Quinoline, 8-bromo-	207	C9H6BrN	016567-18-3	5
3	4-Bromo-2,6-difluoroaniline	207	C6H4BrF2N	067567-26-4	5
4	trans-2,3-Methylenedioxy-b-methy...	207	C10H9NO4	086029-47-2	5





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 7 May 2002 2:22 am
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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--- #	RT	Resp	Conc
Methane, bromodic...	3.33	0.3	ug/L	220467	1	9.94	26908700	40.0
Acetonitrile, dic...	3.61	0.4	ug/L	279590	1	9.94	26908700	40.0
Ethanone, 1-cyclo...	3.73	0.3	ug/L	205570	1	9.94	26908700	40.0
Toluene	4.34	1.0	ug/L	668930	1	9.94	26908700	40.0
3-Penten-2-one, 4...	5.02	0.3	ug/L	182600	1	9.94	26908700	40.0
Cyclobutanol, 2-e...	5.09	0.3	ug/L	203781	1	9.94	26908700	40.0
2-Pentanone, 4-hy...	5.97	10.8	ug/L	7278300	1	9.94	26908700	40.0
3-Pyrrolidinol	7.74	0.2	ug/L	151623	1	9.94	26908700	40.0
2-Propenal, 3-(3,...	22.58	0.4	ug/L	408090	4	22.95	38079400	40.0
2-Quinolinecarbox...	23.11	0.6	ug/L	553972	4	22.95	38079400	40.0
Formic acid, etho...	30.98	0.2	ug/L	179517	5	30.81	31892300	40.0
2-Ethyl-1-dodecanol	31.08	0.2	ug/L	173018	5	30.81	31892300	40.0
2-Chloroaniline-5...	36.49	0.2	ug/L	131067	6	34.70	23239600	40.0