User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 11:46:15

Sample: AE09335
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 11:44 Ended: 5/8/02 11:44 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		10.0

Comments for Sample AE09335 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 11:46:40

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 13:58:56 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 06 12:20:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

reexamined with better LCS

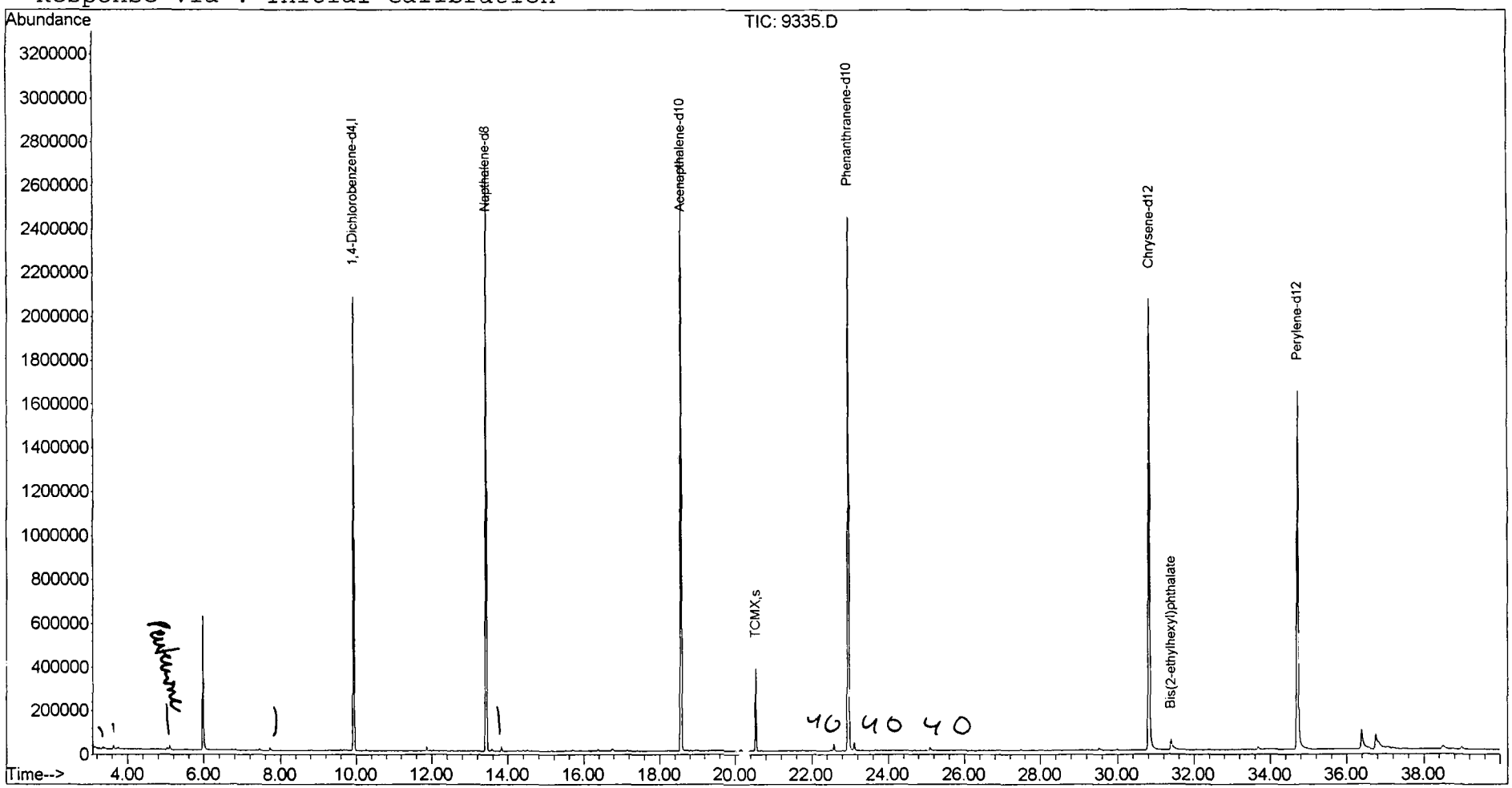
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	6270011	40.00	ug/L	0.01
10) Napthalene-d8	13.44	136	25364421	40.00	ug/L	0.00
17) Acenapthalene-d10	18.58	164	13861514	40.00	ug/L	0.01
29) Phenanthranene-d10	22.97	188	20625459	40.00	ug/L	0.01
37) Chrysene-d12	30.82	240	17104718	40.00	ug/L	0.01
43) Perylene-d12	34.73	264	12622377	40.00	ug/L	0.02
System Monitoring Compounds						
27) TCMX	20.54	209	703481	7.23	ug/L	0.00
Spiked Amount 10.000			Recovery = 72.30%			
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
41) Bis(2-ethylhexyl)phthalate	31.40	149	337699	0.80	ug/L	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed
9335.D 050102.M Mon May 06 13:59:17 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 6 13:59 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 06 12:20:41 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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	3.132	3	9	18	BV 4	4916	115620	0.20%	0.033%
2	3.355	36	47	52	PV 3	6884	111042	0.19%	0.032%
3	3.402	52	55	67	VV 5	3696	75169	0.13%	0.022%
4	3.555	77	81	88	PV 5	2550	63425	0.11%	0.018%
5	3.632	88	94	104	VV 2	16231	289979	0.51%	0.083%
6	3.720	104	109	112	VV 5	5205	102175	0.18%	0.029%
7	3.755	112	115	127	VV 2	6935	210318	0.37%	0.060%
8	4.172	180	186	188	VV 6	3391	59223	0.10%	0.017%
9	4.190	188	189	193	VV 4	3586	47613	0.08%	0.014%
10	4.272	199	203	209	VV 4	4115	88548	0.16%	0.025%
11	4.354	213	217	226	VV 5	3516	82705	0.15%	0.024%
12	4.589	252	257	262	VV 6	1970	41746	0.07%	0.012%
13	5.030	325	332	340	PV 5	5713	139778	0.25%	0.040%
14	5.106	340	345	363	VV 3	16817	373378	0.66%	0.107%
15	5.518	401	415	427	VV 10	3239	166074	0.29%	0.048%
16	5.976	478	493	512	PV	595336	10492917	18.41%	3.017%
17	6.093	512	513	518	VV 3	2903	56286	0.10%	0.016%
18	7.357	725	728	731	PV 2	1475	10790	0.02%	0.003%
19	7.445	739	743	749	BV 3	7487	128121	0.22%	0.037%
20	7.721	786	790	805	VV 2	10814	265501	0.47%	0.076%
21	8.755	959	966	972	VV 4	2434	47411	0.08%	0.014%
22	8.814	972	976	986	VV 3	4339	103411	0.18%	0.030%
23	9.301	1055	1059	1070	VV 4	3022	78505	0.14%	0.023%
24	9.589	1104	1108	1114	VV 3	5942	113921	0.20%	0.033%
25	9.672	1114	1122	1129	VV 6	4652	134627	0.24%	0.039%
26	9.742	1129	1134	1144	VV 5	5121	121454	0.21%	0.035%
27	9.866	1153	1155	1158	VV 3	2123	29407	0.05%	0.008%
28	9.942	1158	1168	1185	VV	2053894	38672221	67.84%	11.120%
29	10.071	1185	1190	1194	VV 4	2682	54384	0.10%	0.016%
30	10.265	1216	1223	1237	VV 3	6035	177080	0.31%	0.051%
31	10.371	1237	1241	1248	VV 6	2619	62967	0.11%	0.018%
32	10.612	1280	1282	1288	VV 3	2306	37550	0.07%	0.011%
33	11.863	1486	1495	1501	PV 2	15499	257794	0.45%	0.074%
34	12.040	1521	1525	1531	PV	3177	41646	0.07%	0.012%
35	12.521	1601	1607	1613	PV 5	3424	66179	0.12%	0.019%
36	12.721	1637	1641	1653	VV 2	3210	75736	0.13%	0.022%
37	12.956	1675	1681	1690	PV 5	1644	39058	0.07%	0.011%

39	13.585	1782	1788	1799	VV	3	10524	216116	0.38%	0.062%
40	13.826	1816	1829	1836	VV	3	18031	316597	0.56%	0.091%
41	14.255	1896	1902	1913	VV	8	2702	71324	0.13%	0.021%
42	14.396	1921	1926	1936	PV	3	2968	71511	0.13%	0.021%
43	14.478	1936	1940	1946	VV	3	3418	71482	0.13%	0.021%
44	15.500	2111	2114	2115	VV	3	2102	25285	0.04%	0.007%
45	15.518	2115	2117	2120	VV	2	2400	33503	0.06%	0.010%
46	15.700	2143	2148	2160	VV	4	4813	132595	0.23%	0.038%
47	15.906	2179	2183	2188	VV	4	2269	44631	0.08%	0.013%
48	16.382	2257	2264	2272	VV	3	7023	154842	0.27%	0.045%
49	16.746	2319	2326	2329	VV	3	6814	135940	0.24%	0.039%
50	16.775	2329	2331	2339	VV	2	8378	138161	0.24%	0.040%
51	17.157	2391	2396	2404	VV	3	2250	40420	0.07%	0.012%
52	18.238	2576	2580	2585	VV	3	4312	67107	0.12%	0.019%
53	18.579	2625	2638	2647	PV		2724085	57004330	100.00%	16.391%
54	18.644	2647	2649	2655	VV	3	2959	59269	0.10%	0.017%
55	18.820	2673	2679	2681	VV	3	2327	43512	0.08%	0.013%
56	18.961	2694	2703	2712	VV	6	3479	110044	0.19%	0.032%
57	19.631	2815	2817	2823	VV		1755	25557	0.04%	0.007%
58	20.148	2901	2905	2913	VV	2	8962	166311	0.29%	0.048%
59	20.541	2958	2972	2982	PV		379426	6902668	12.11%	1.985%
60	20.688	2991	2997	3002	VV	2	4040	72050	0.13%	0.021%
61	21.393	3112	3117	3123	VV	5	2815	48879	0.09%	0.014%
62	21.564	3141	3146	3152	VV	3	2699	55176	0.10%	0.016%
63	21.758	3174	3179	3186	VV	4	2634	53687	0.09%	0.015%
64	22.504	3300	3306	3312	VV	5	5362	113206	0.20%	0.033%
65	22.580	3312	3319	3329	VV	2	31315	600836	1.05%	0.173%
66	22.804	3353	3357	3370	VV	4	3054	76822	0.13%	0.022%
67	22.968	3370	3385	3402	PV	2	2438579	56761564	99.57%	16.321%
68	23.109	3402	3409	3424	VV		38014	823975	1.45%	0.237%
69	23.550	3480	3484	3490	PV	5	1799	35945	0.06%	0.010%
70	23.656	3495	3502	3512	VV	3	5826	123820	0.22%	0.036%
71	23.826	3523	3531	3535	PV	2	1900	49199	0.09%	0.014%
72	23.896	3535	3543	3546	VV	3	2734	55745	0.10%	0.016%
73	24.114	3576	3580	3590	VV	5	2598	60867	0.11%	0.018%
74	24.684	3674	3677	3682	VV	3	2525	49451	0.09%	0.014%
75	24.854	3692	3706	3711	VV	4	1946	59012	0.10%	0.017%
76	25.101	3738	3748	3757	VV	4	14751	365383	0.64%	0.105%
77	26.394	3961	3968	3975	VV	4	1975	54416	0.10%	0.016%
78	26.911	4052	4056	4062	VV	3	2810	73808	0.13%	0.021%
79	27.481	4144	4153	4159	VV	3	6479	146776	0.26%	0.042%
80	27.745	4196	4198	4200	PV		1747	12486	0.02%	0.004%
81	27.974	4231	4237	4239	PV	3	1946	26116	0.05%	0.008%
82	29.067	4417	4423	4431	PV	5	1704	34800	0.06%	0.010%
83	29.414	4472	4482	4485	PV	2	1311	29059	0.05%	0.008%
84	29.525	4495	4501	4510	VV	6	10690	302996	0.53%	0.087%
85	29.584	4510	4511	4515	VV	2	3298	44771	0.08%	0.013%
86	29.989	4572	4580	4593	PV	5	5345	154802	0.27%	0.045%
87	30.078	4593	4595	4597	VV	2	1956	17399	0.03%	0.005%

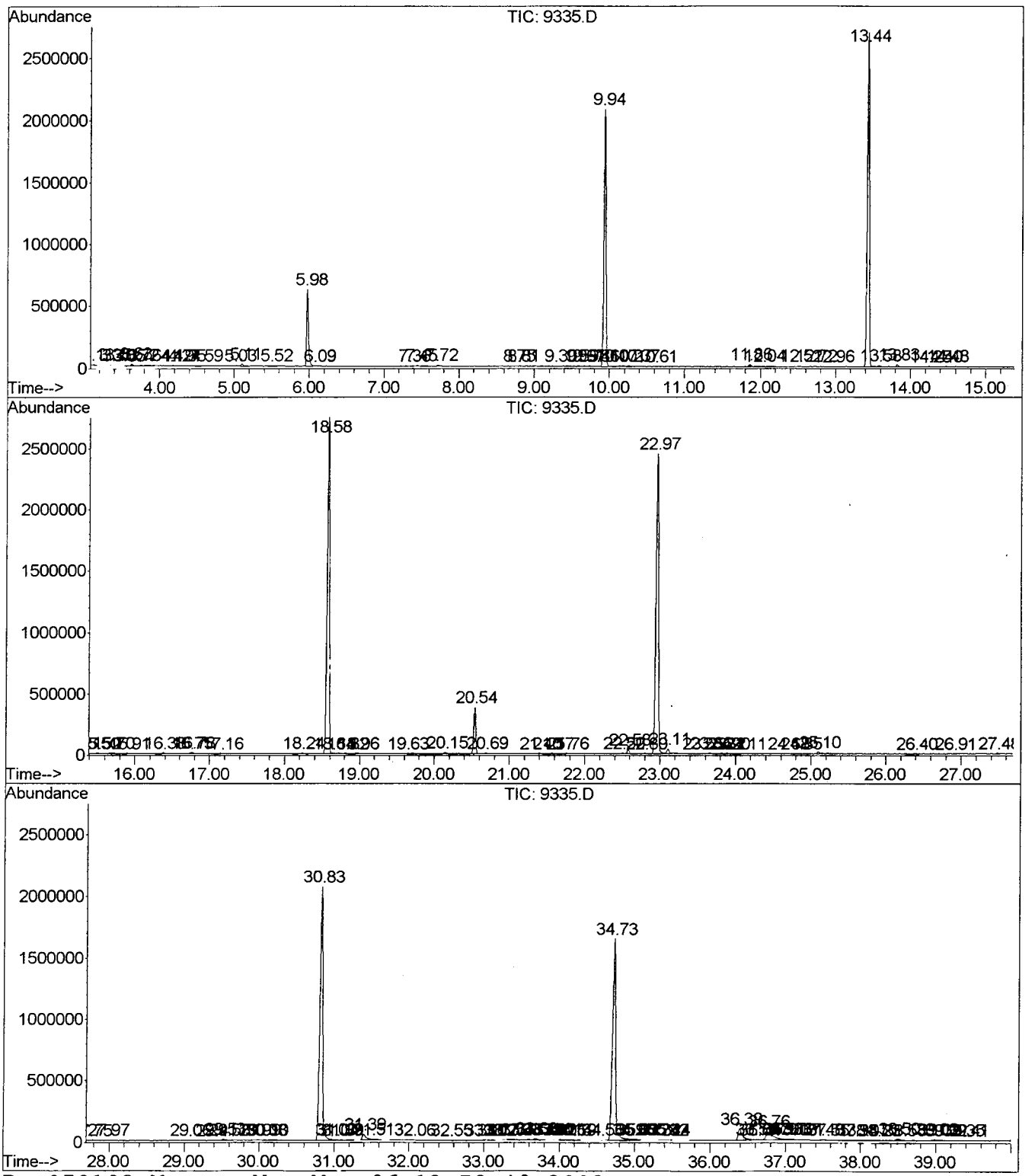
89	30.824	4703	4722	4752	PV	2	2021743	53894663	94.54%	15.497%
90	31.006	4752	4753	4756	VV	3	4589	73040	0.13%	0.021%
91	31.035	4756	4758	4764	VV	3	4616	96262	0.17%	0.028%
92	31.094	4764	4768	4787	VV	6	4862	217595	0.38%	0.063%
93	31.394	4810	4819	4838	VV	2	47830	1831407	3.21%	0.527%
94	31.511	4838	4839	4858	VV	6	6521	286783	0.50%	0.082%
95	32.063	4926	4933	4939	VV	8	2929	80200	0.14%	0.023%
96	32.545	5006	5015	5018	VV	6	1892	40638	0.07%	0.012%
97	32.998	5084	5092	5096	VV	7	3187	73345	0.13%	0.021%
98	33.121	5107	5113	5118	VV	4	3093	70100	0.12%	0.020%
99	33.168	5118	5121	5126	VV	6	2498	55154	0.10%	0.016%
100	33.244	5130	5134	5135	VV	4	3108	40461	0.07%	0.012%
101	33.268	5135	5138	5142	VV	3	3165	65387	0.11%	0.019%
102	33.485	5170	5175	5182	VV	7	3653	104043	0.18%	0.030%
103	33.679	5201	5208	5218	VV	5	12910	394020	0.69%	0.113%
104	33.750	5218	5220	5224	VV	5	4124	69629	0.12%	0.020%
105	33.779	5224	5225	5227	VV	2	3562	40824	0.07%	0.012%
106	33.897	5234	5245	5247	VV	7	4788	137581	0.24%	0.040%
107	33.920	5247	5249	5257	VV	6	4210	119652	0.21%	0.034%
108	34.014	5257	5265	5268	VV	5	6522	170891	0.30%	0.049%
109	34.055	5268	5272	5274	VV	4	4513	69484	0.12%	0.020%
110	34.138	5279	5286	5288	VV	3	3635	92970	0.16%	0.027%
111	34.196	5292	5296	5306	VV	8	3670	136822	0.24%	0.039%
112	34.561	5356	5358	5363	VV		3662	53542	0.09%	0.015%
113	34.725	5372	5386	5425	VV	2	1622164	47024863	82.49%	13.521%
114	34.966	5425	5427	5431	VV	4	6117	114068	0.20%	0.033%
115	35.001	5431	5433	5436	VV	4	5286	79826	0.14%	0.023%
116	35.025	5436	5437	5444	VV	3	4812	122839	0.22%	0.035%
117	35.283	5475	5481	5483	VV	4	2602	44705	0.08%	0.013%
118	35.319	5483	5487	5499	VV	5	2902	112383	0.20%	0.032%
119	35.418	5499	5504	5506	VV	4	2795	46276	0.08%	0.013%
120	35.442	5506	5508	5512	VV	4	2871	44826	0.08%	0.013%
121	36.394	5659	5670	5702	VV	8	88241	3754752	6.59%	1.080%
122	36.594	5702	5704	5710	VV	5	4921	120840	0.21%	0.035%
123	36.641	5710	5712	5721	VV	6	3770	97036	0.17%	0.028%
124	36.764	5721	5733	5761	VV	6	68105	3934822	6.90%	1.131%
125	36.934	5761	5762	5765	VV	3	11336	168377	0.30%	0.048%
126	36.970	5765	5768	5772	VV	5	9939	205895	0.36%	0.059%
127	37.005	5772	5774	5776	VV	3	8418	104847	0.18%	0.030%
128	37.064	5776	5784	5796	VV	3	10389	573193	1.01%	0.165%
129	37.216	5801	5810	5821	VV	3	6702	305663	0.54%	0.088%
130	37.481	5845	5855	5865	VV	3	4627	199328	0.35%	0.057%
131	37.551	5865	5867	5872	VV	4	2431	38339	0.07%	0.011%
132	37.933	5928	5932	5936	VV	2	2408	34101	0.06%	0.010%
133	38.074	5950	5956	5958	VV	5	2358	42810	0.08%	0.012%
134	38.233	5977	5983	5991	VV	8	2137	50322	0.09%	0.014%
135	38.497	6012	6028	6040	PV	8	13128	549541	0.96%	0.158%
136	38.574	6040	6041	6044	VV	2	2604	20591	0.04%	0.006%
137	38.997	6102	6113	6118	PV	7	8116	249491	0.44%	0.072%

139	39.114	6131	6133	6135	VV	2	3293	31579	0.06%	0.009%
140	39.349	6165	6173	6175	PV		1746	30454	0.05%	0.009%
141	39.408	6181	6183	6186	VV	3	1787	18326	0.03%	0.005%

Sum of corrected areas: 347779270

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050202\9335.D
Operator : Mclean
Acquired : 2 May 2002 9:27 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/29
Misc Info :
Vial Number: 13
Quant File :050102.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

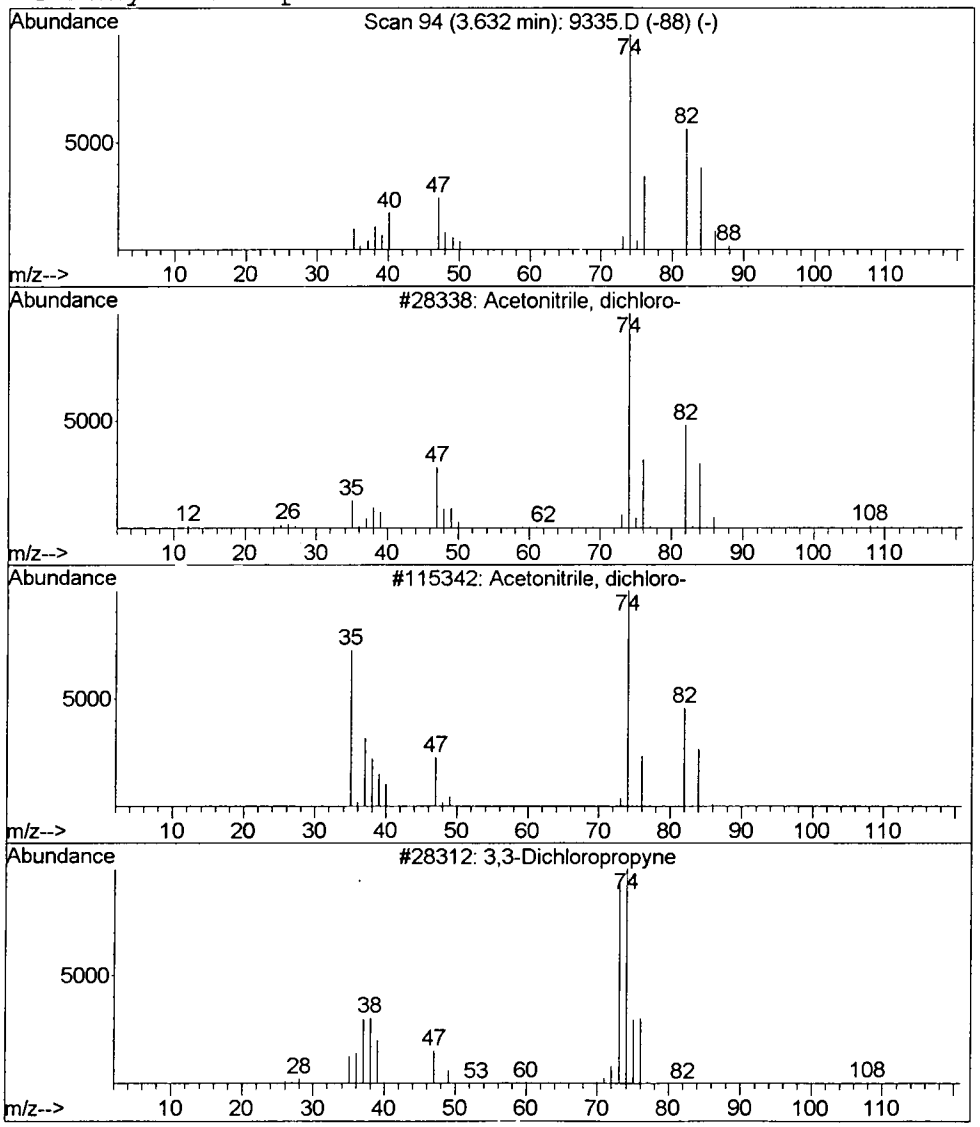
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

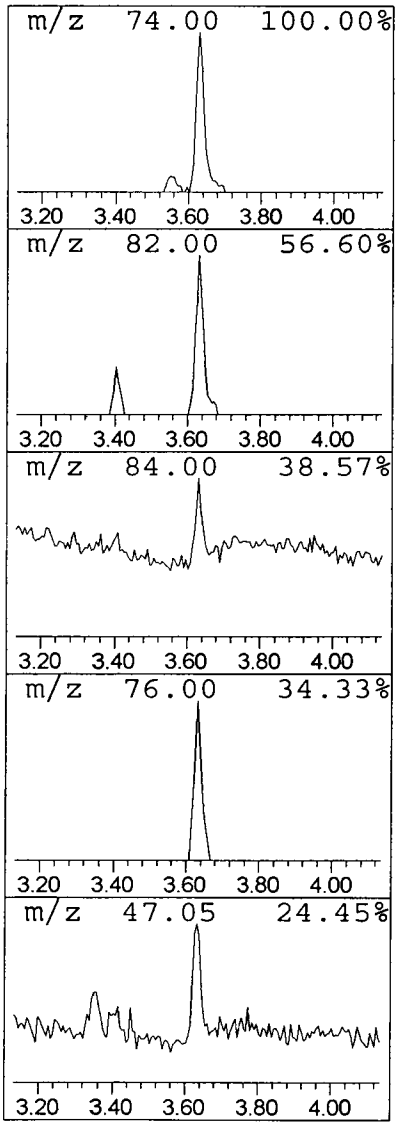
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	0.30 ug/L	289979	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	78
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	17
4	Allyl mercaptan	74	C3H6S	000870-23-5	16





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

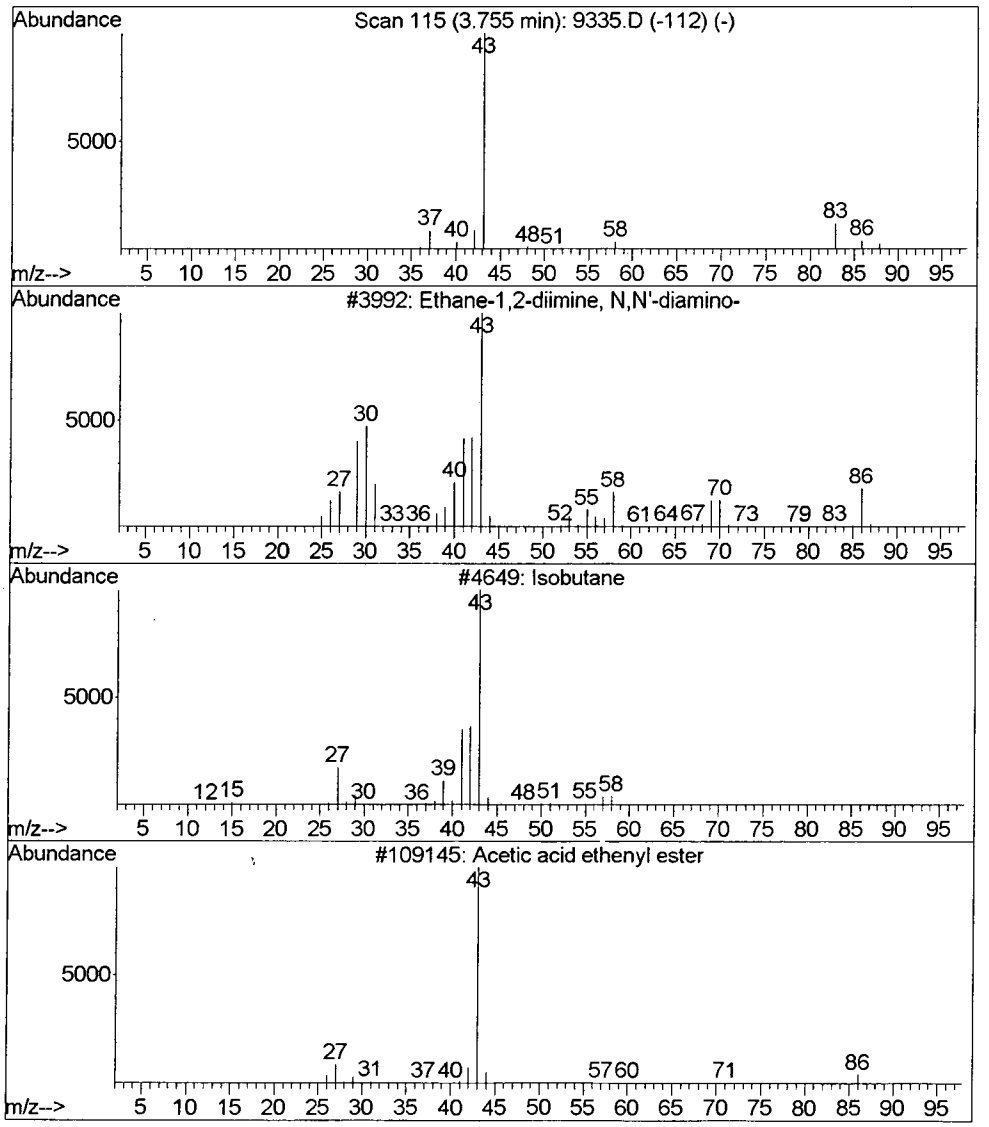
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

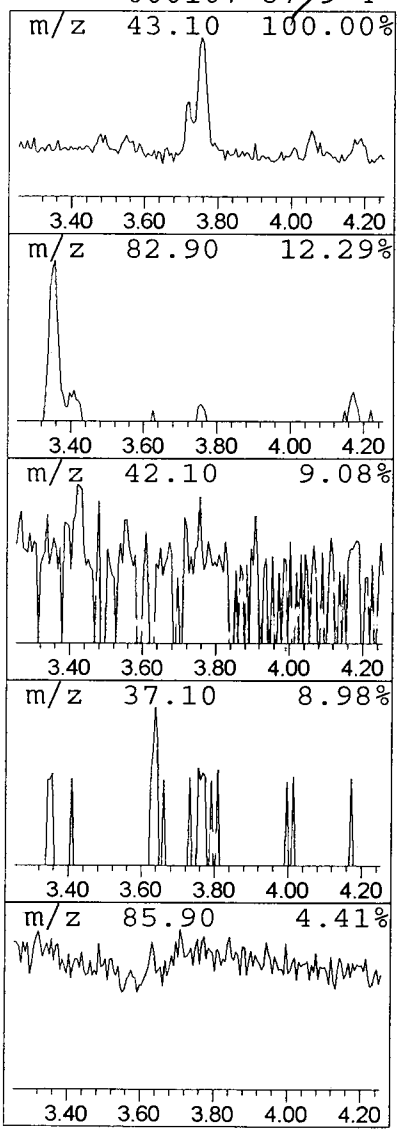
****

Peak Number 2 Ethane-1,2-diimine, N,N'-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.22 ug/L	210318	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane-1,2-diimine, N,N'-diamino-	86	C2H6N4	1000197-11-5	5
2	Isobutane	58	C4H10	000075-28-5	4
3	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	4
4	2-Pentanone	86	C5H10O	000107-87-9	4





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

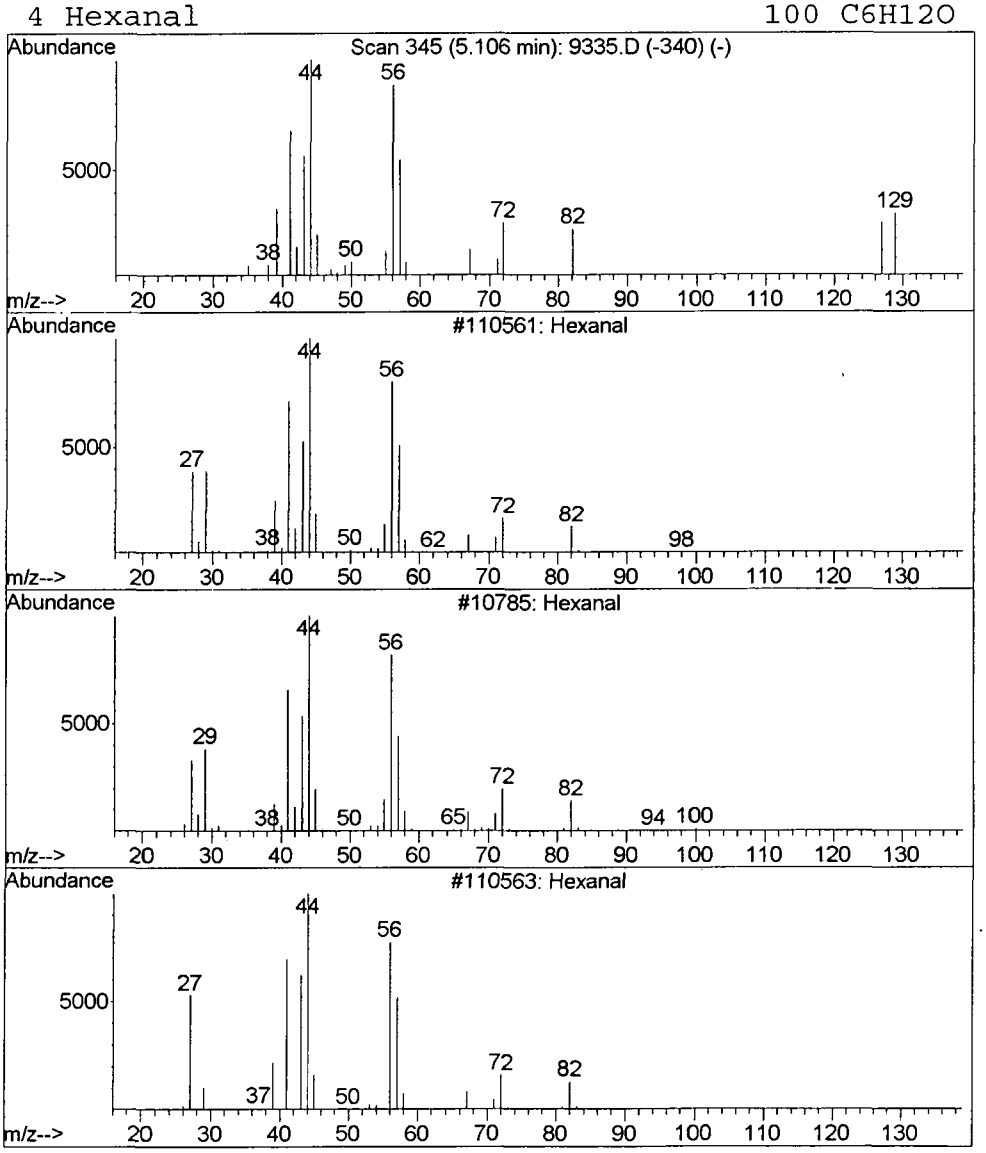
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

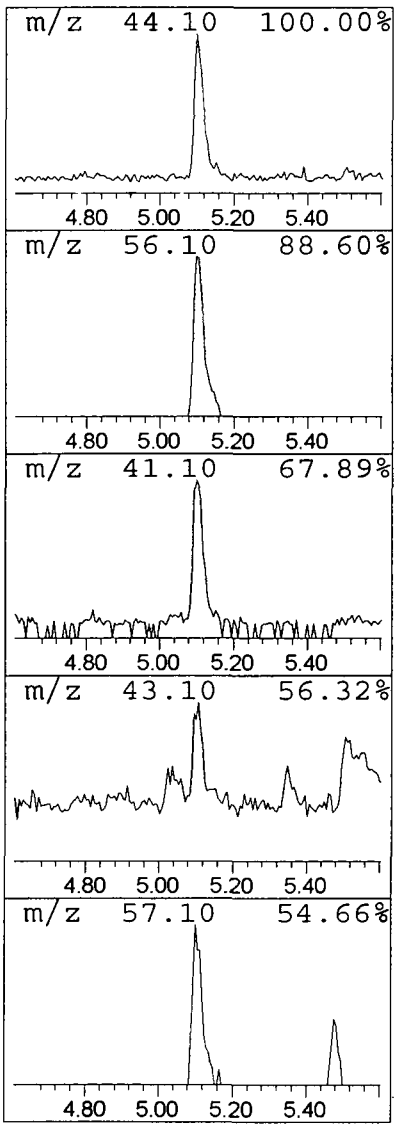
****

Peak Number 3 Hexanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	0.39 ug/L	373378	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	53
2	Hexanal	100	C6H12O	000066-25-1	53
3	Hexanal	100	C6H12O	000066-25-1	53
4	Hexanal	100	C6H12O	000066-25-1	53





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

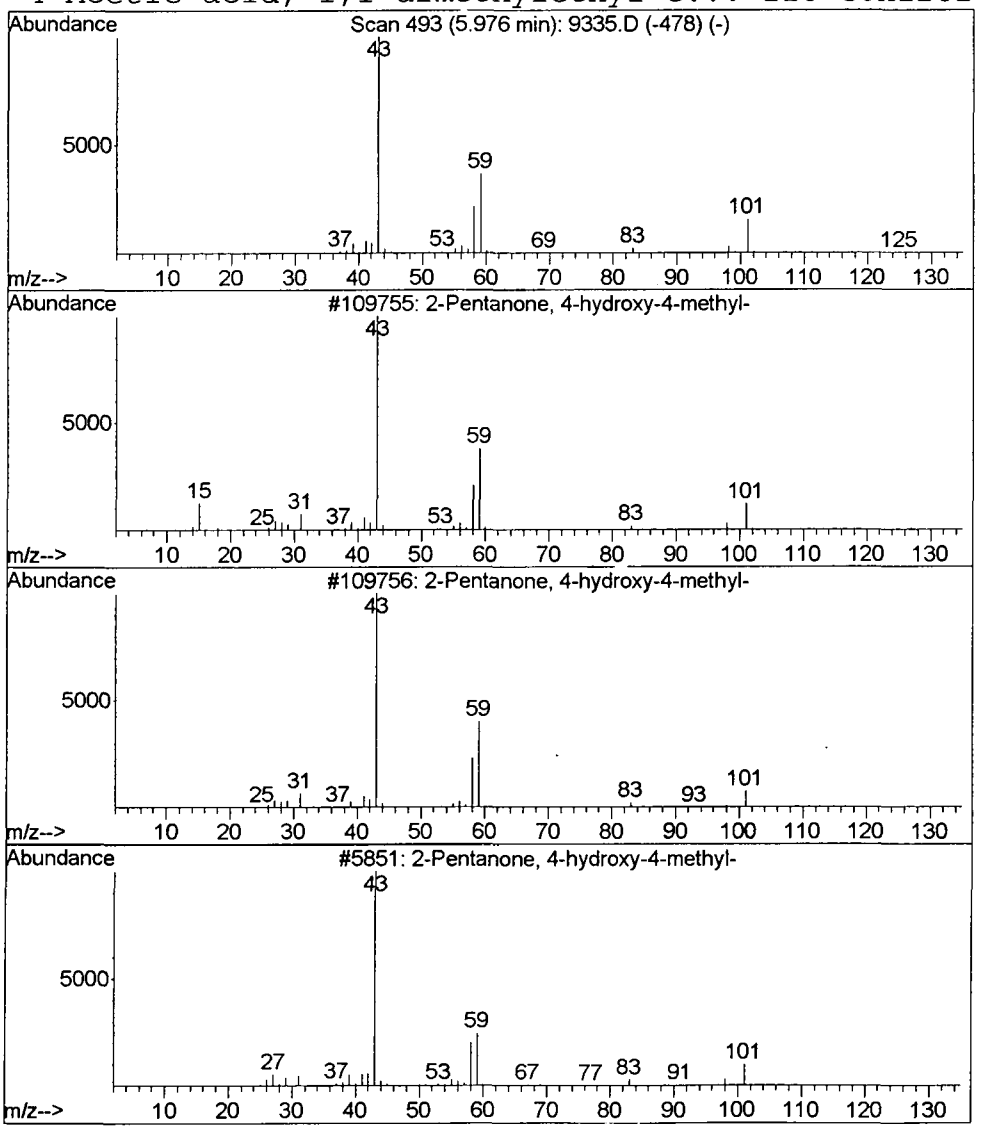
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

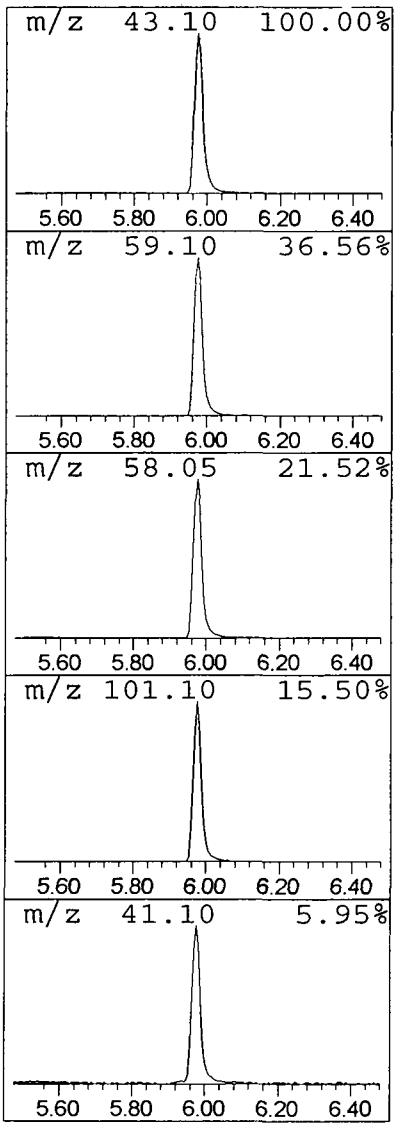
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	10.85 ug/L	10492900	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	90
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	64
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

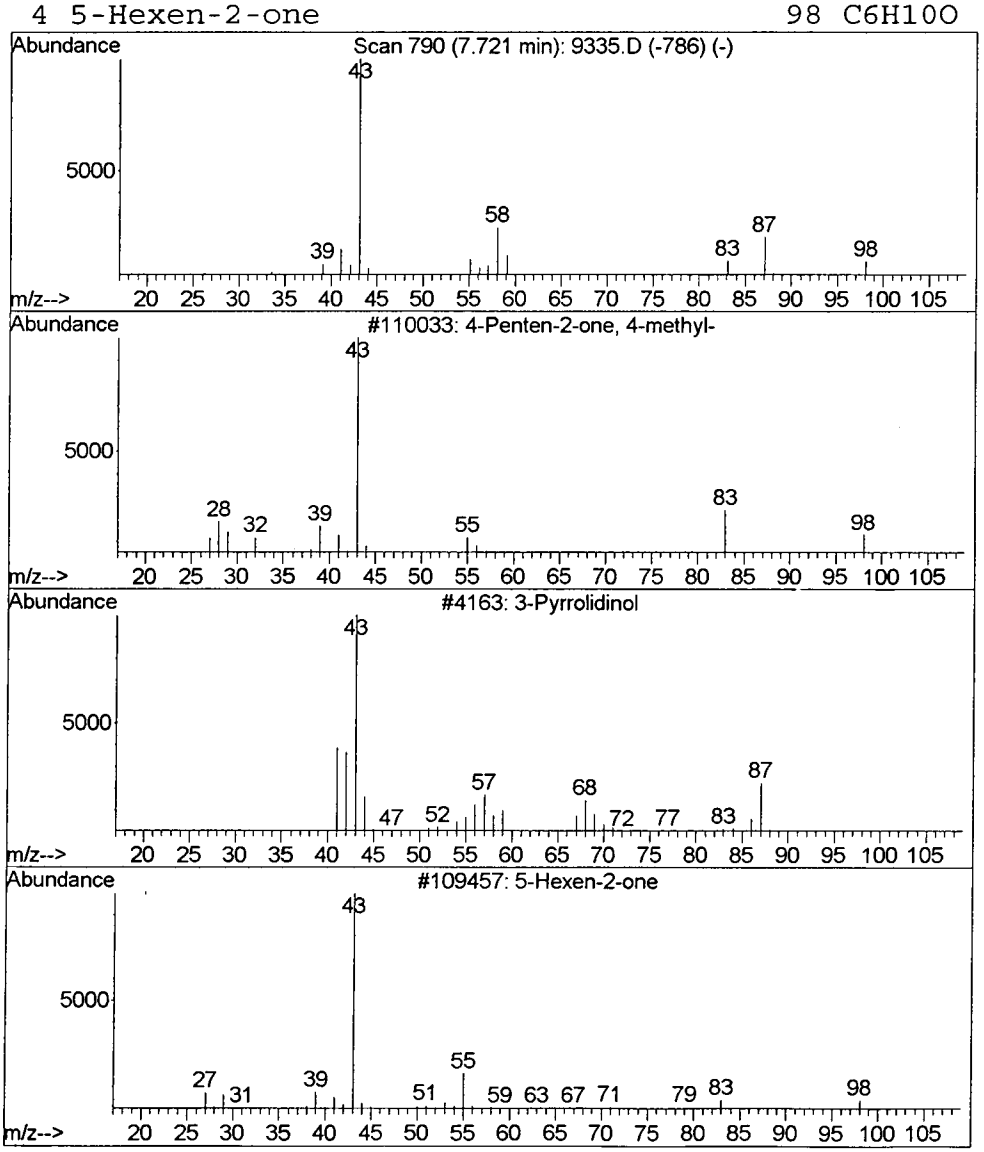
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

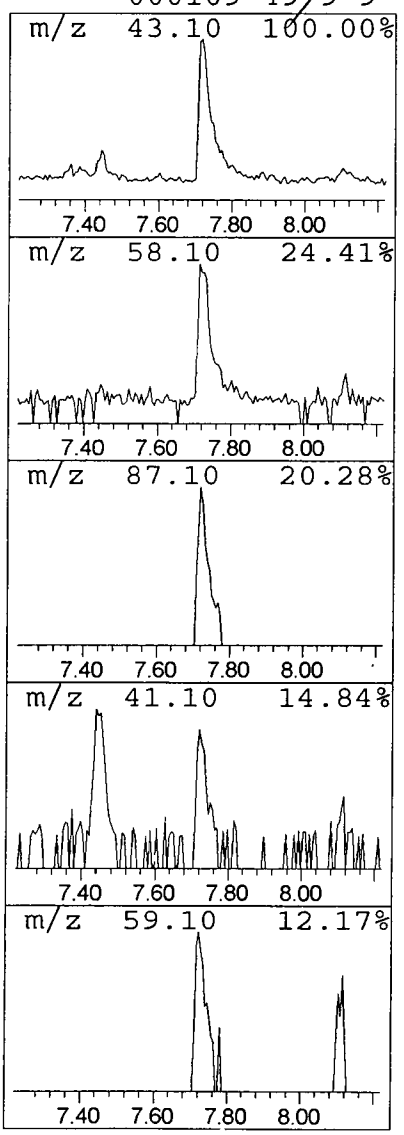
****

Peak Number 5 4-Penten-2-one, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	0.27 ug/L	265501	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	27
2	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

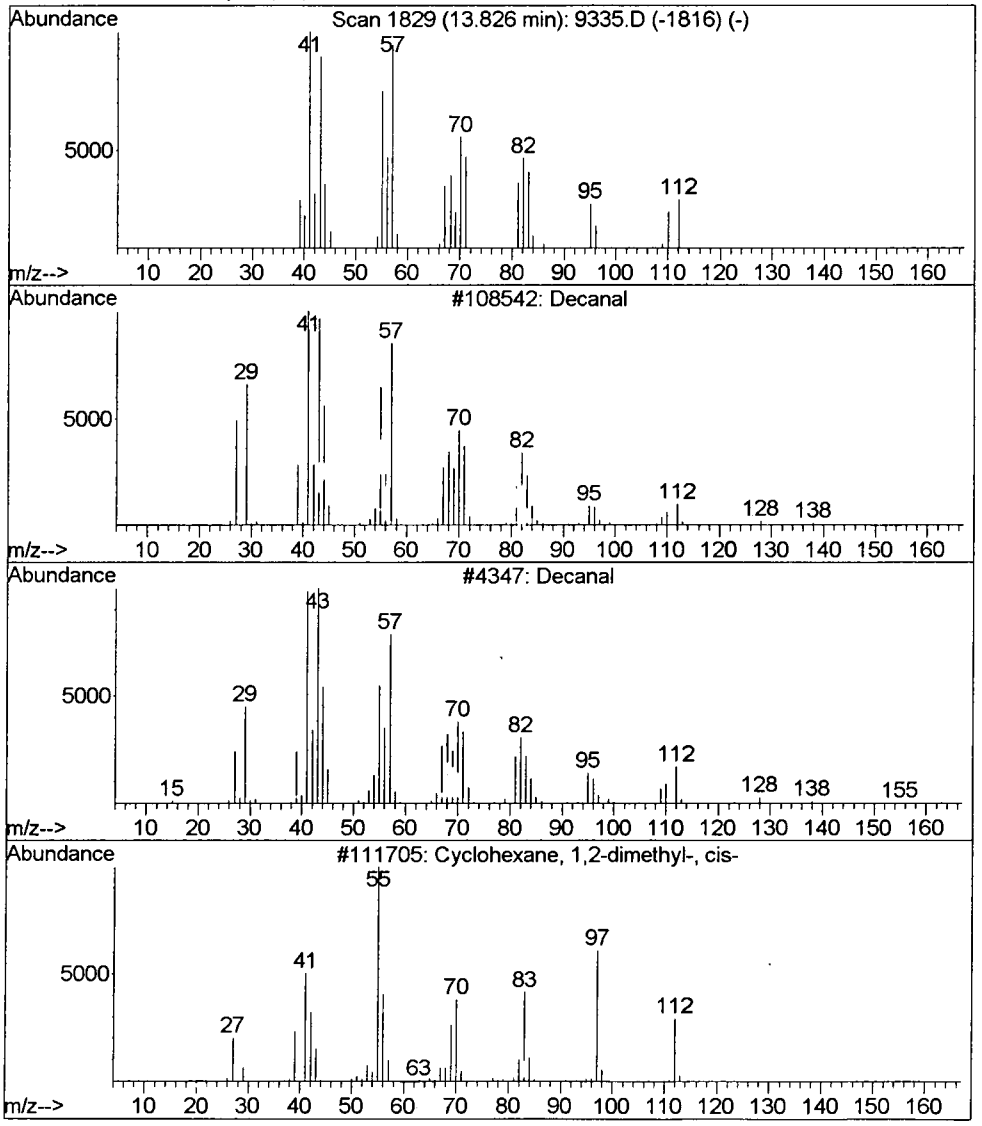
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

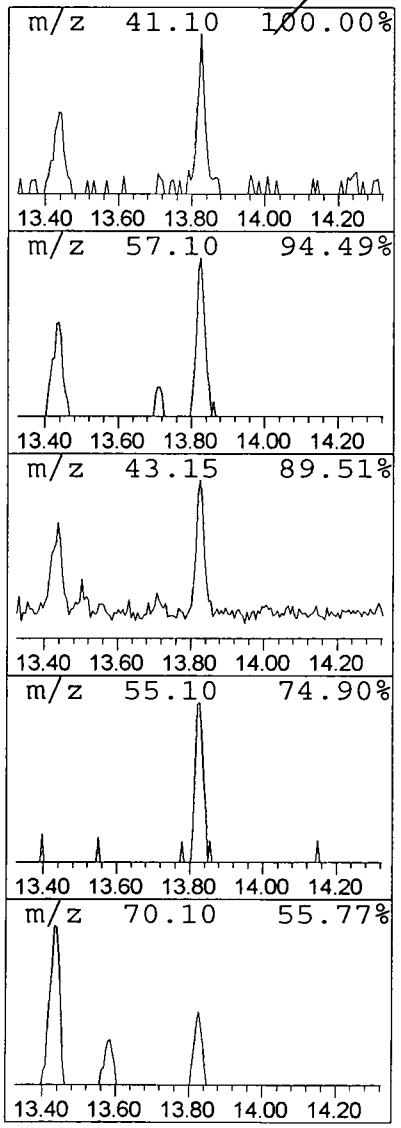
****

Peak Number 6 Decanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	0.24 ug/L	316597	Napthalene-d8	13.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanal	156	C10H20O	000112-31-2	64
2	Decanal	156	C10H20O	000112-31-2	64
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	43
4	2-Octene, (Z)-	112	C8H16	007642-04-8	30





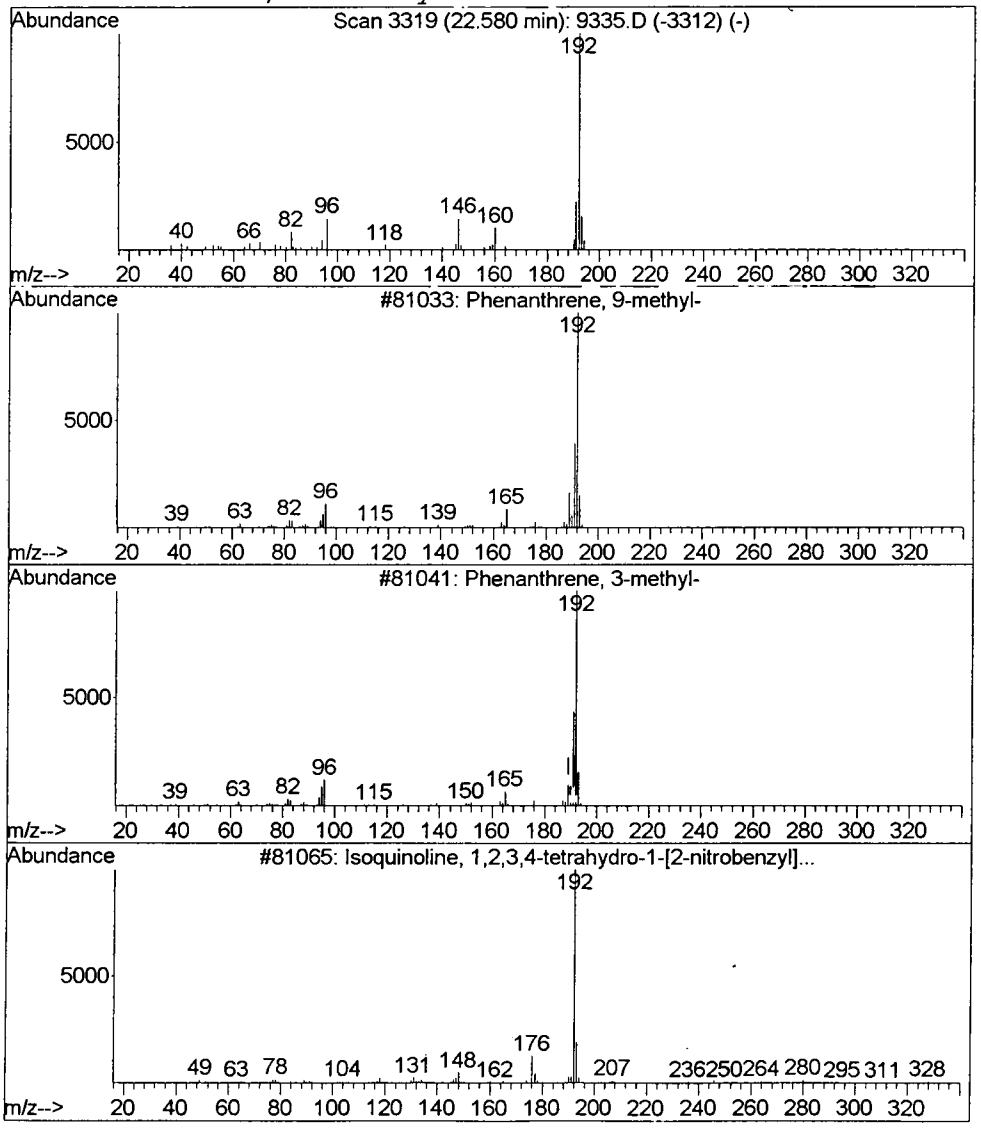
```
Data File : C:\MSDCHEM\1\DATA\050202\9335.D              Vial: 13
Acq On    :  2 May 2002    9:27 pm                   Operator: Mclean
Sample    : 4/29                                     Inst    : Instrumen
Misc      :                                          Multiplr: 1.00
MS Integration Params: LSCINT.e

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

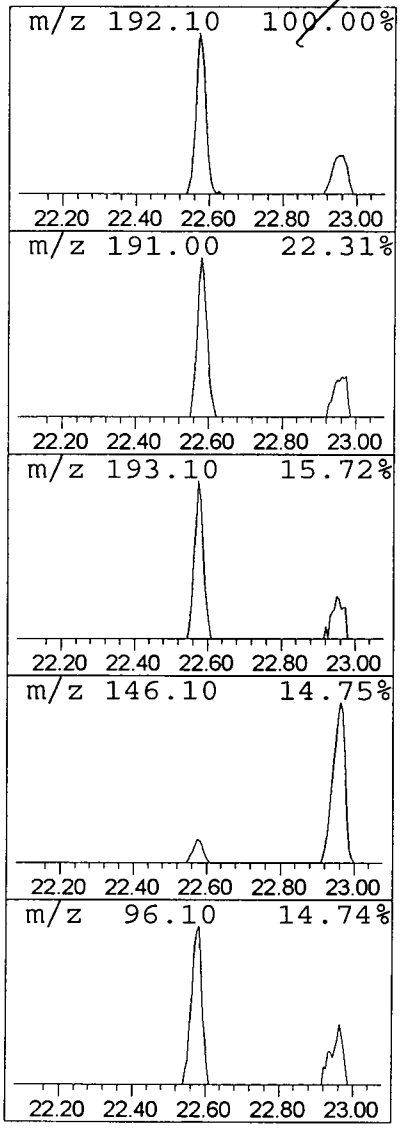
****

Peak Number 7 Phenanthrene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.42 ug/L	600836	Phenanthranene-d10	22.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	40
3	Isoquinoline, 1,2,3,4-tetrahydro...	328	C18H20N2O4	1000128-79-2	40
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	40





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

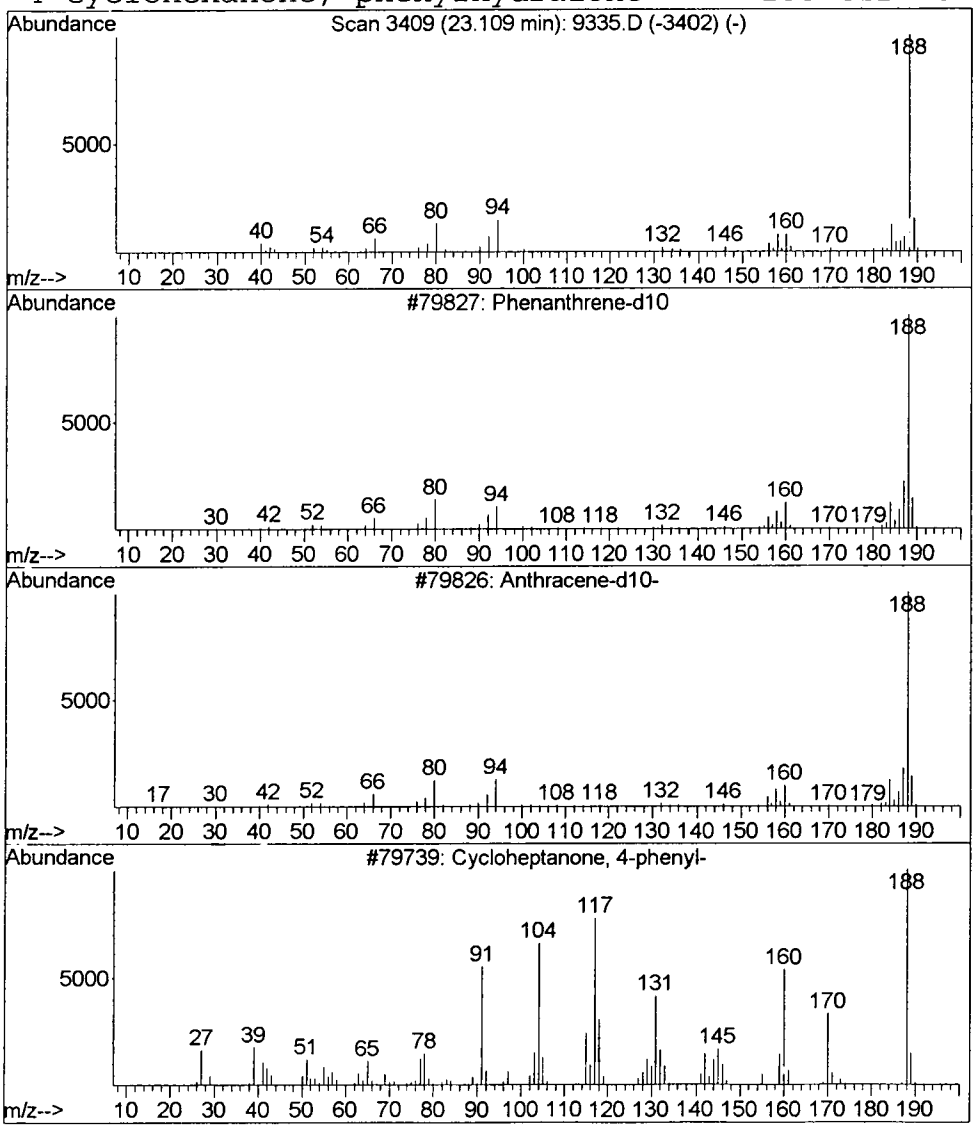
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

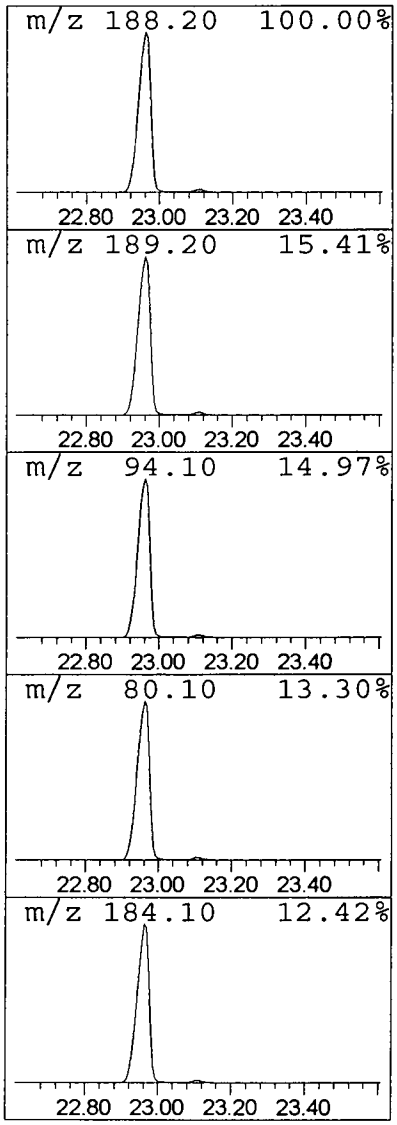
****

Peak Number 8 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.58 ug/L	823975	Phenanthranene-d10	22.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	93
2	Anthracene-d10-	188	C14D10	001719-06-8	93
3	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	50
4	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	40





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

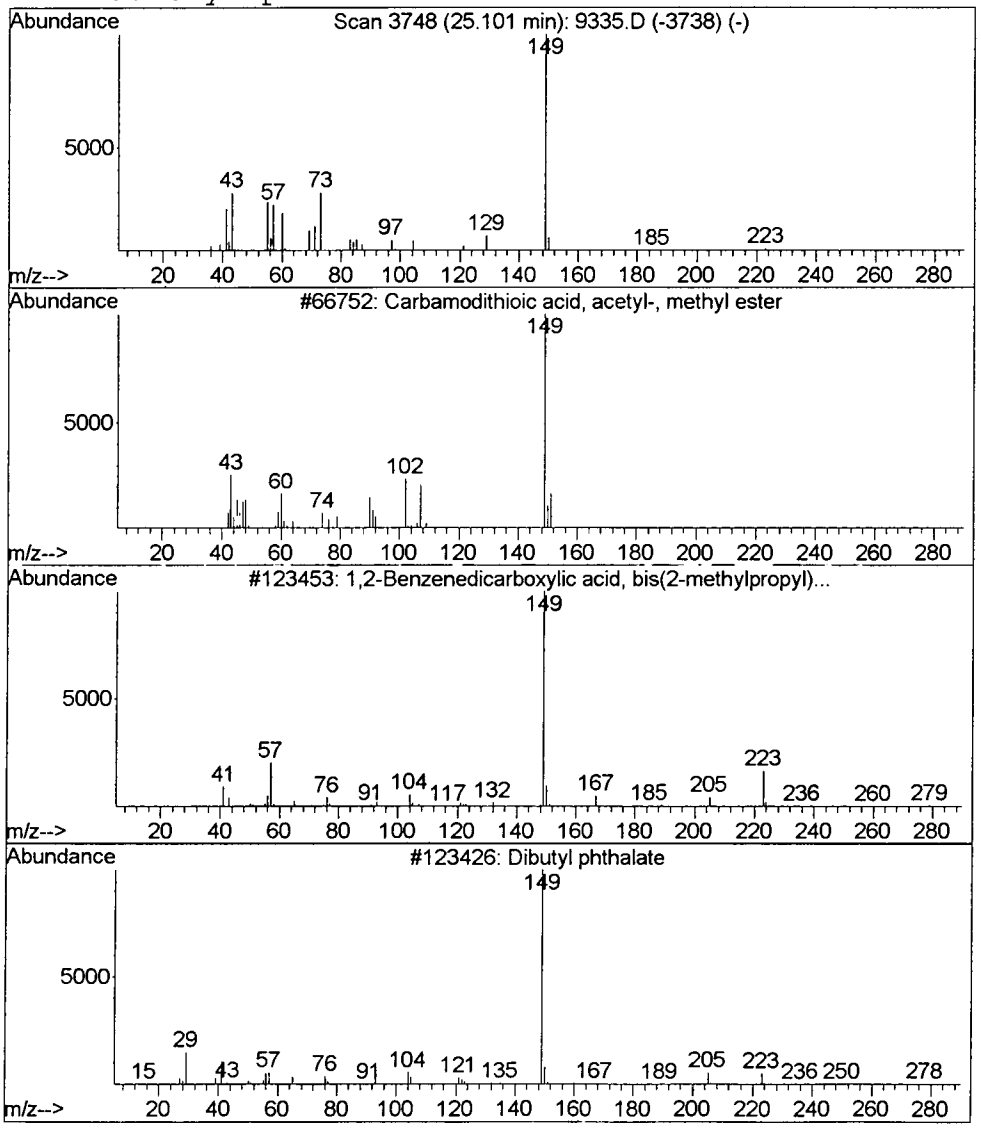
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

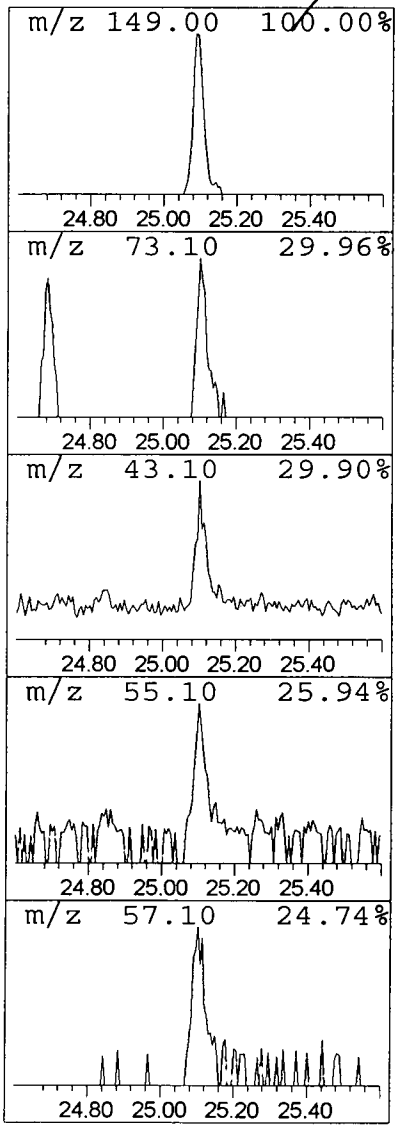
****

Peak Number 9 Carbamodithioic acid, acety... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	0.26 ug/L	365383	Phenanthranene-d10	22.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamodithioic acid, acetyl-, m...	149	C4H7NOS2	016696-88-1	47
2	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	43
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	43
4	Didodecyl phthalate	502	C32H54O4	002432-90-8	38





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

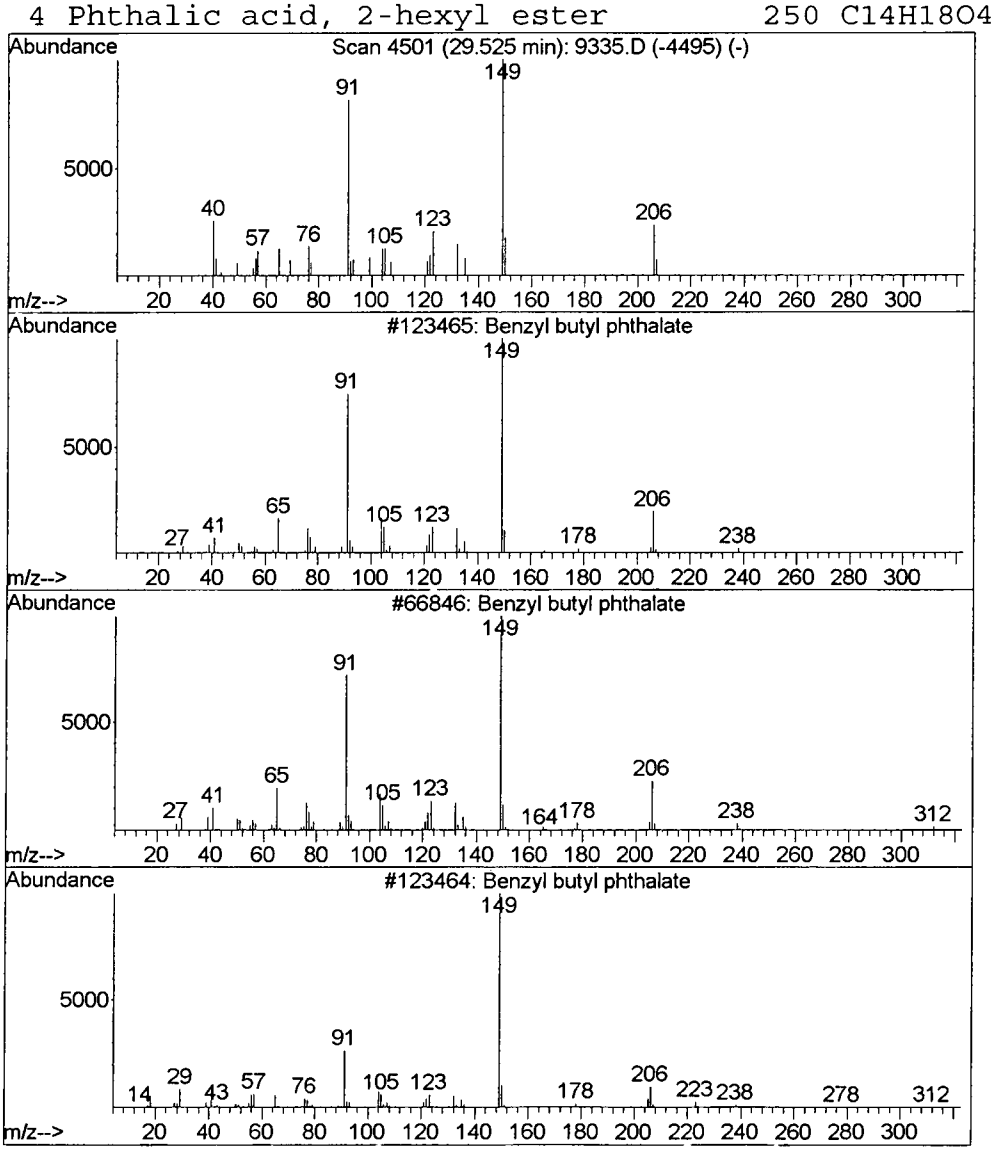
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

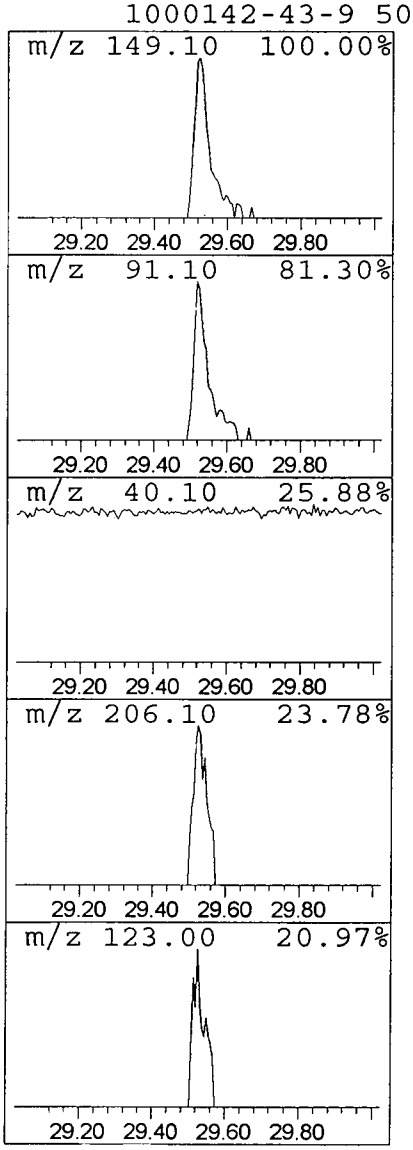
****

Peak Number 10 Benzyl butyl phthalate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.53	0.22 ug/L	302996	Chrysene-d12	30.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	80
2	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	64
3	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	53
4	Phthalic acid, 2-hexyl ester	250	C14H18O4	1000142-43-9	50





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

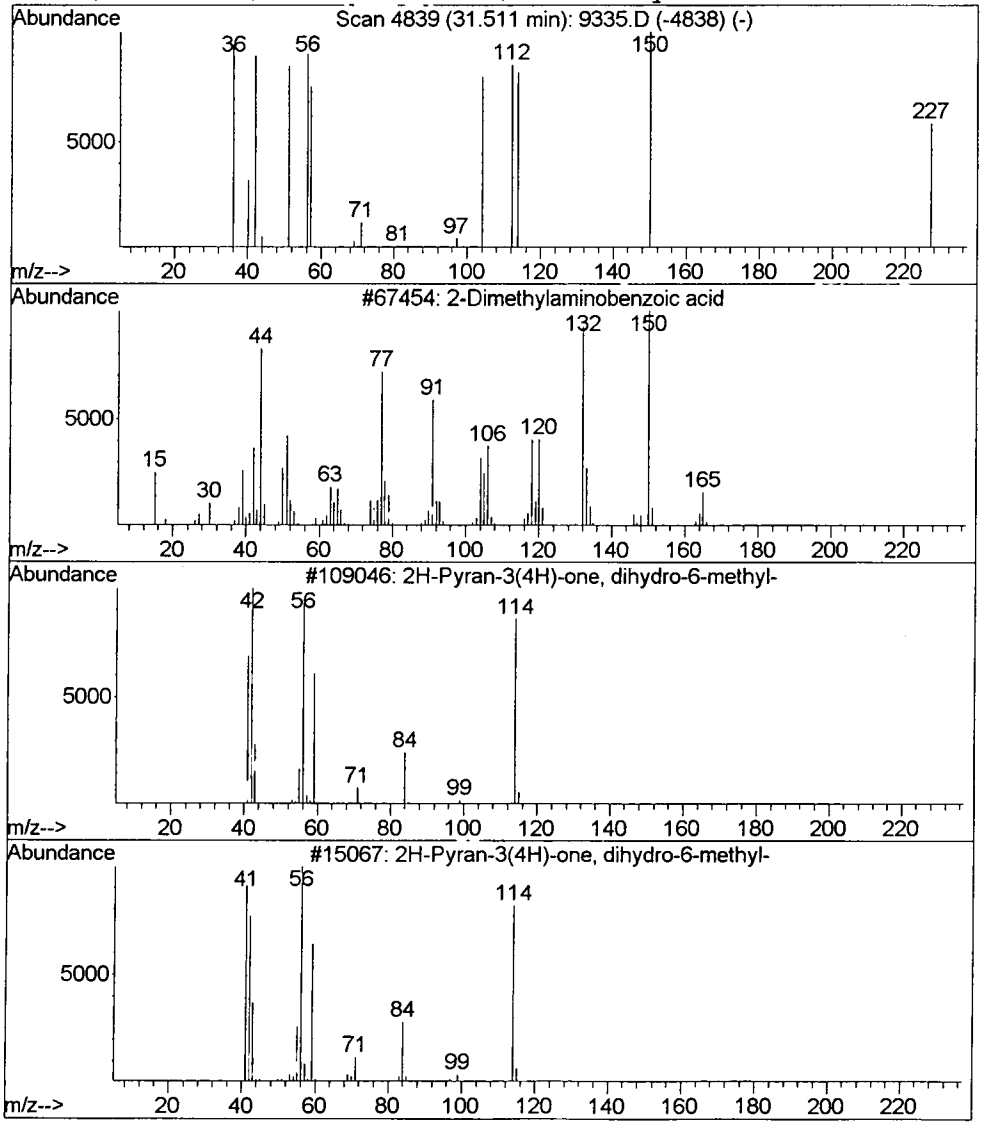
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

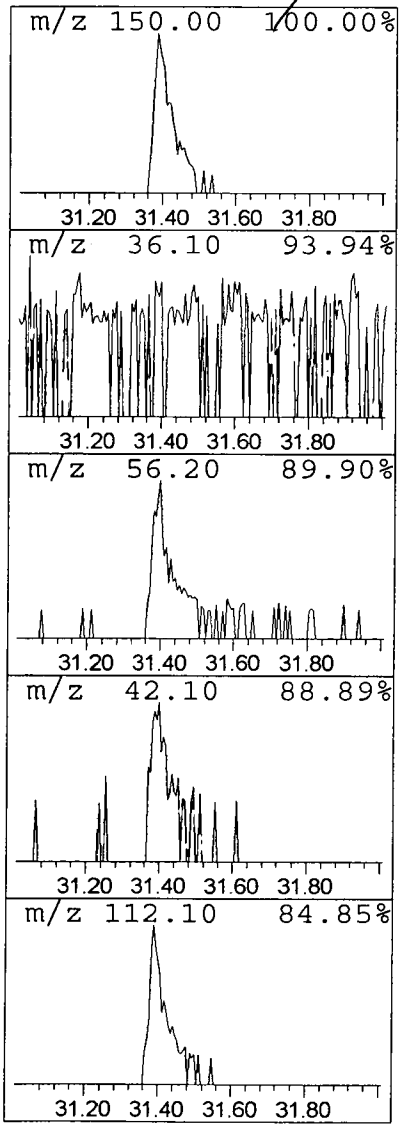
****

Peak Number 11 2-Dimethylaminobenzoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.51	0.21 ug/L	286783	Chrysene-d12	30.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dimethylaminobenzoic acid	165	C9H11NO2	000610-16-2	12
2	2H-Pyran-3(4H)-one, dihydro-6-me...	114	C6H10O2	043152-89-2	10
3	2H-Pyran-3(4H)-one, dihydro-6-me...	114	C6H10O2	043152-89-2	10
4	2,4-Imidazolidinedione, 5-methyl-	114	C4H6N2O2	000616-03-5	9





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

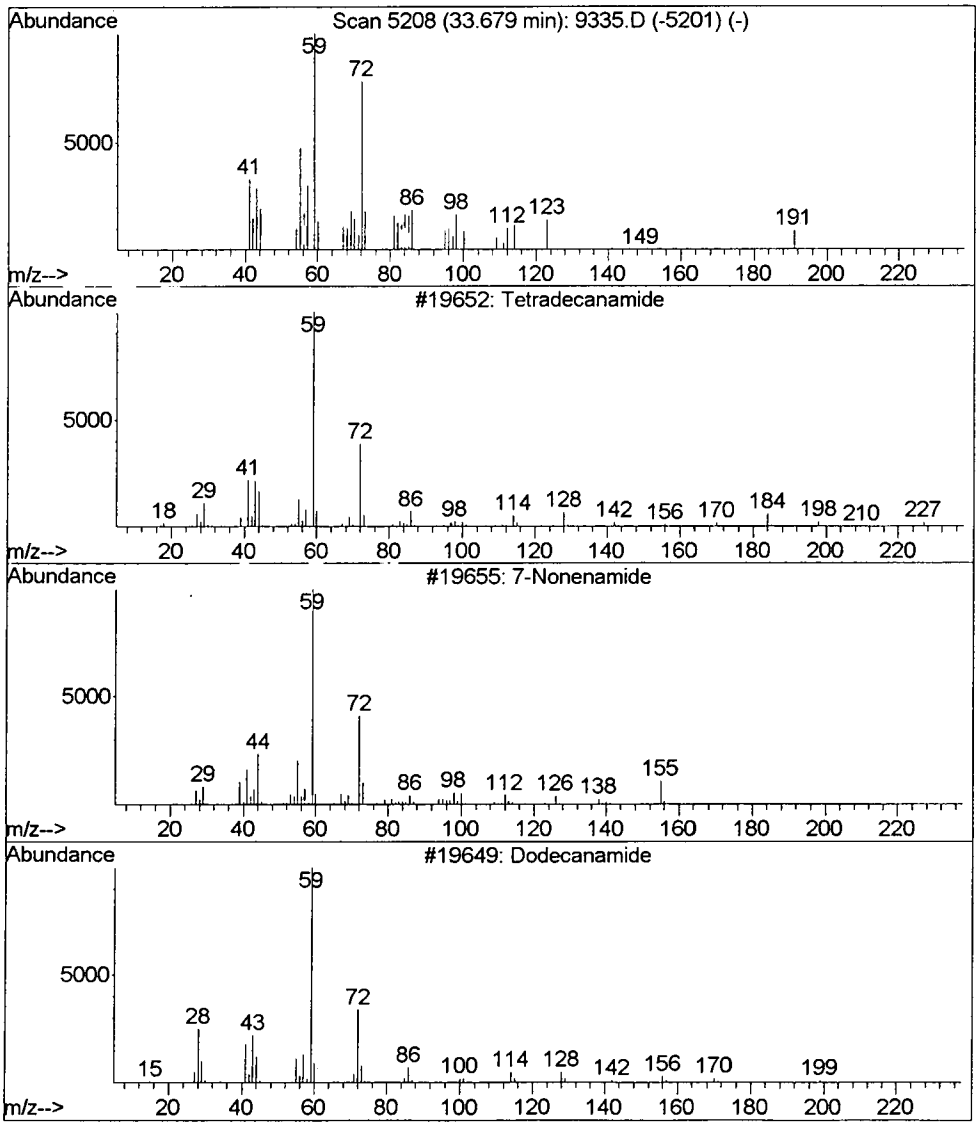
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

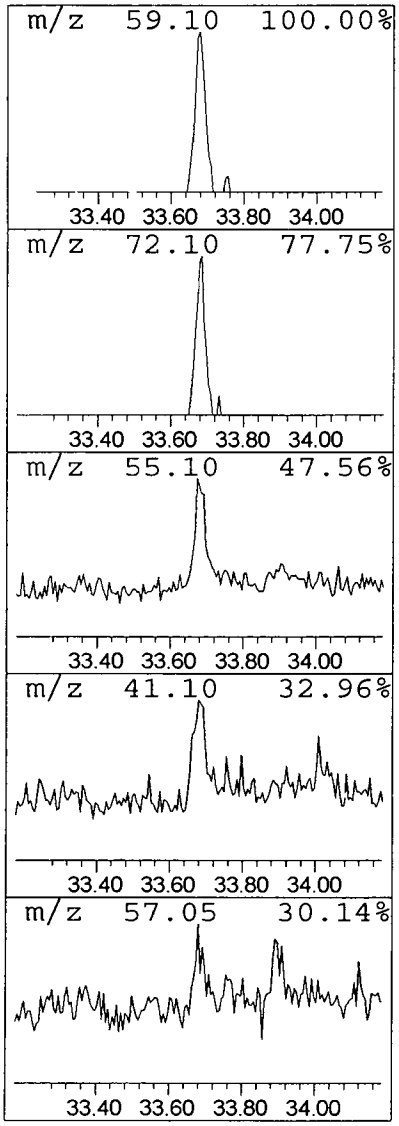
****

Peak Number 12 Tetradecanamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.68	0.34 ug/L	394020	Perylene-d12	34.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	59
2	7-Nonenamide	155	C9H17NO	090949-53-4	50
3	Dodecanamide	199	C12H25NO	001120-16-7	45
4	Tetradecanamide	227	C14H29NO	000638-58-4	42

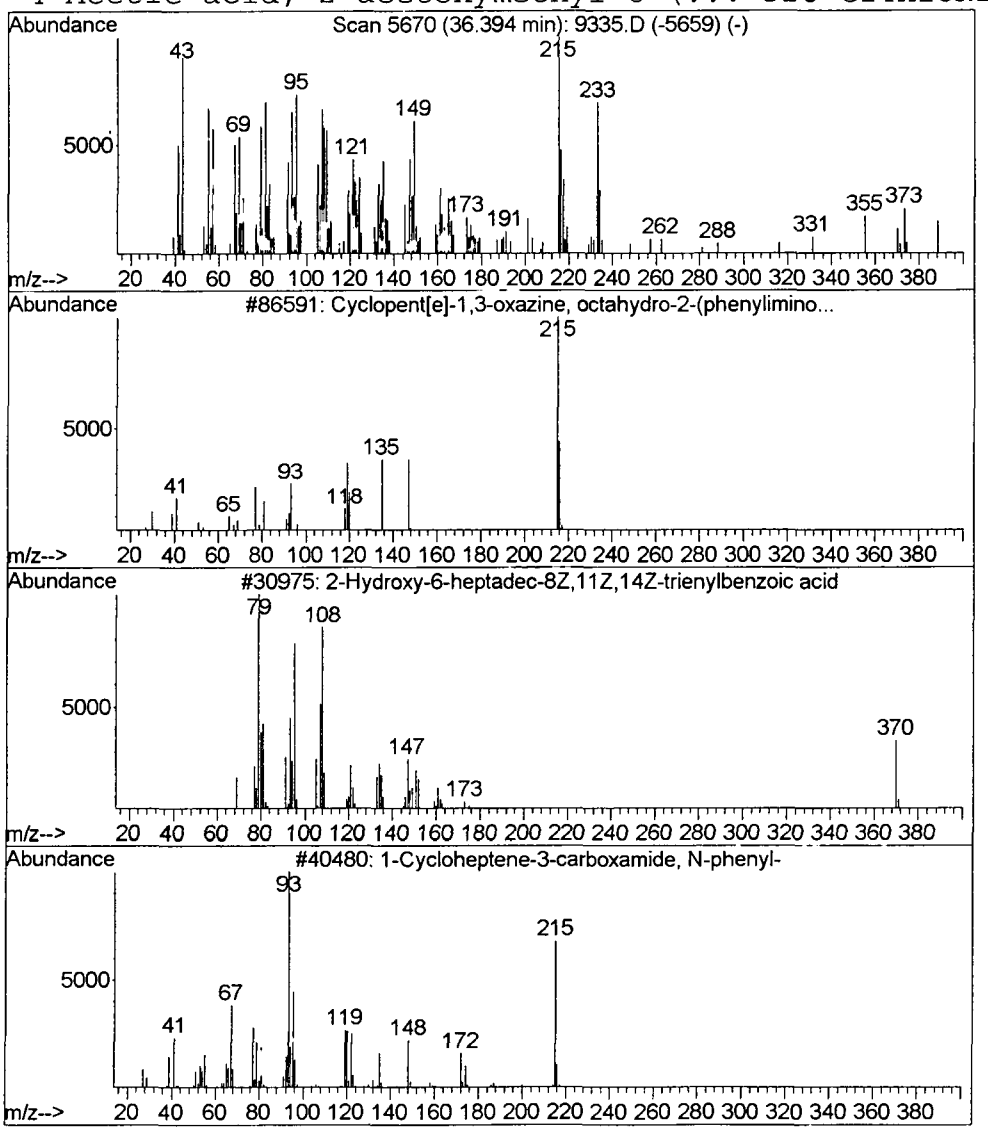


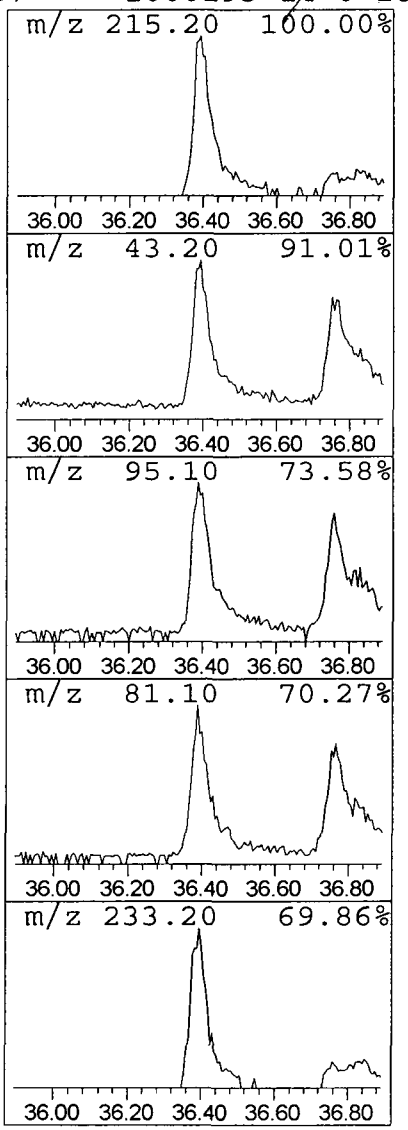


```
Data File : C:\MSDCHEM\1\DATA\050202\9335.D              Vial: 13
Acq On    :  2 May 2002    9:27 pm                   Operator: Mclean
Sample    : 4/29                                     Inst    : Instrumen
Misc      :                                          Multiplr: 1.00
MS Integration Params: 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 13  Cyclopent[e]-1,3-oxazine, o...  Concentration Rank 3
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.39	3.19 ug/L	3754750	Perylene-d12	34.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	41
2	2-Hydroxy-6-heptadec-8Z,11Z,14Z-...	370	C24H34O3	1000144-50-2	38
3	1-Cycloheptene-3-carboxamide, N-...	215	C14H17NO	1000159-24-4	20
4	Acetic acid, 2-acetoxymethyl-6-(...	326	C14H18N2O7	1000193-14-0	16





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

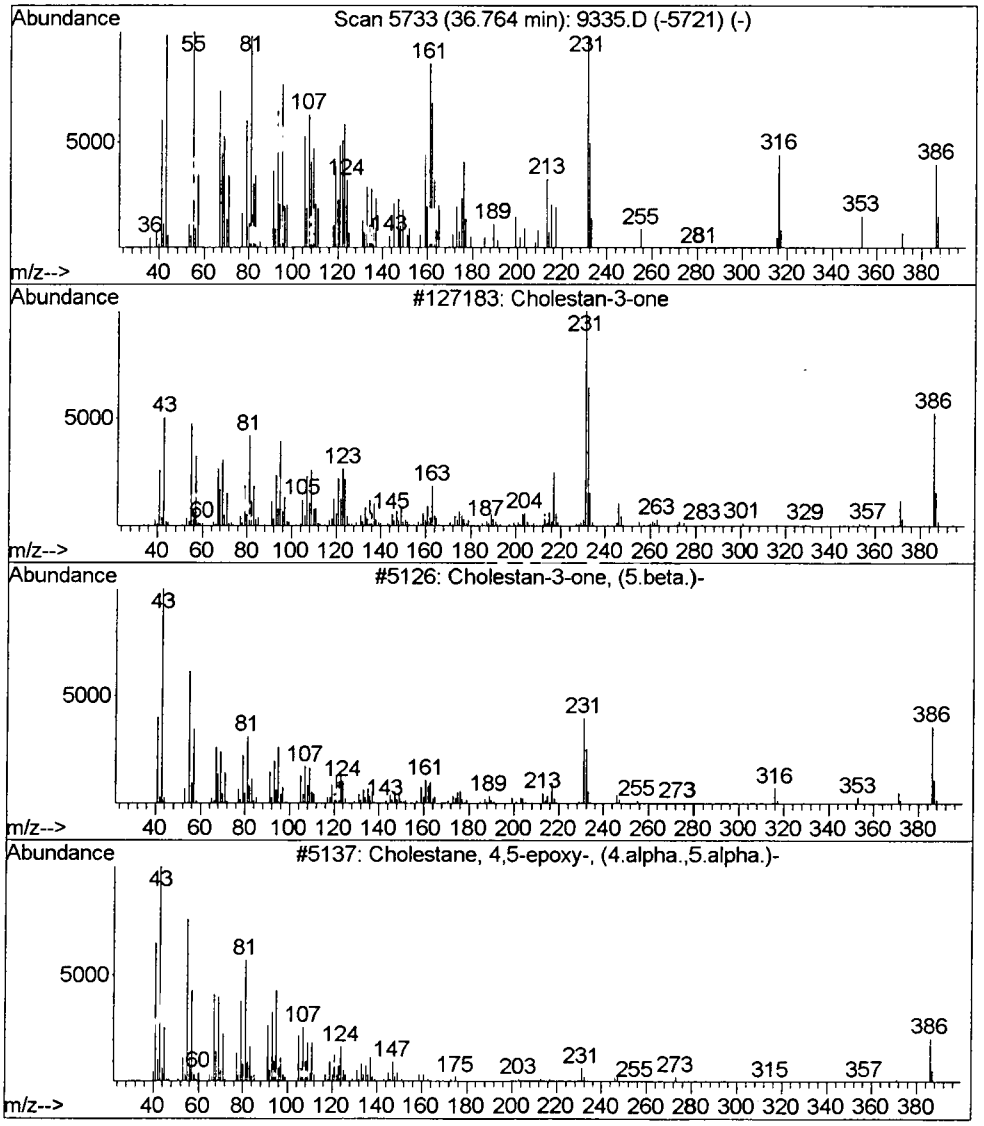
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

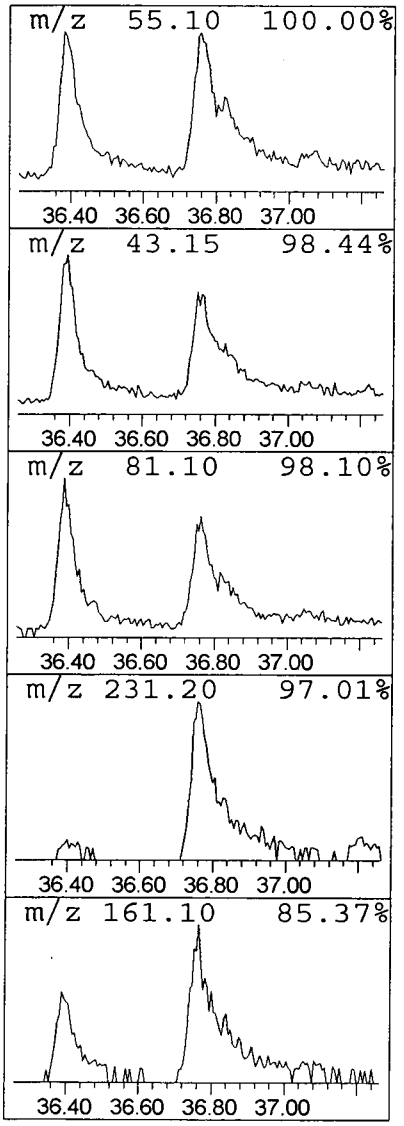
****

Peak Number 14 Cholestan-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.76	3.35 ug/L	3934820	Perylene-d12	34.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	91
2	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	87
3	Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	56
4	Cholestan-3-one	386	C27H46O	015600-08-5	42





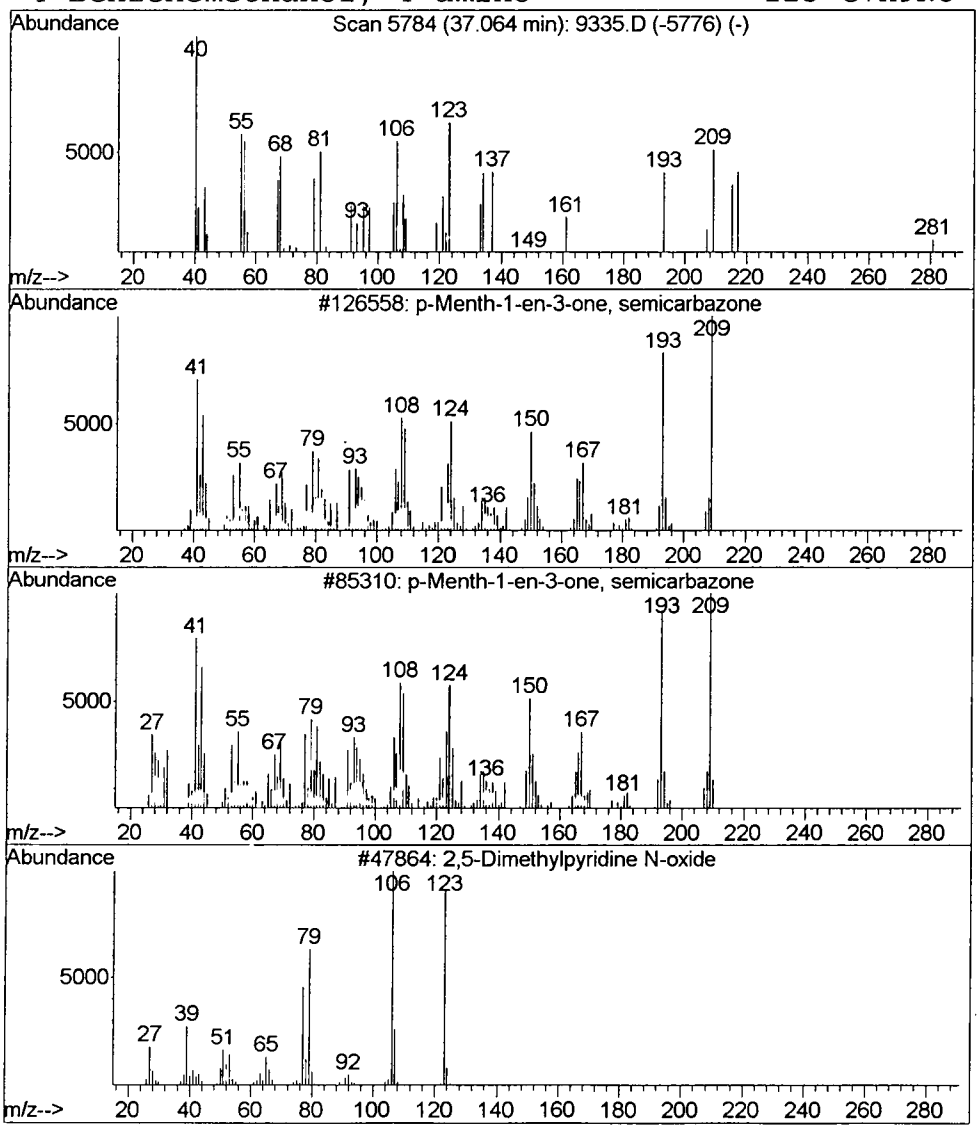
```
Data File : C:\MSDCHEM\1\DATA\050202\9335.D              Vial: 13
Acq On    :  2 May 2002    9:27 pm                   Operator: Mclean
Sample    : 4/29                                     Inst    : Instrumen
Misc      :                                          Multiplr: 1.00
MS Integration Params: LSCINT.e

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

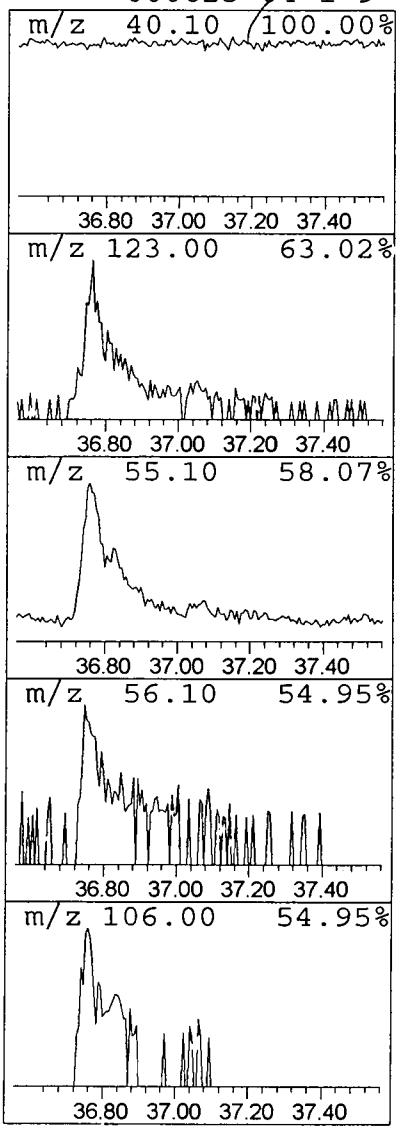
****

Peak Number 15 p-Menth-1-en-3-one, semicar... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.06	0.49 ug/L	573193	Perylene-d12	34.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Menth-1-en-3-one, semicarbazone	209	C11H19N3O	004713-41-1	14
2	p-Menth-1-en-3-one, semicarbazone	209	C11H19N3O	004713-41-1	14
3	2,5-Dimethylpyridine N-oxide	123	C7H9NO	1000197-00-0	10
4	Benzenemethanol, 4-amino-	123	C7H9NO	000623-04-1	9





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

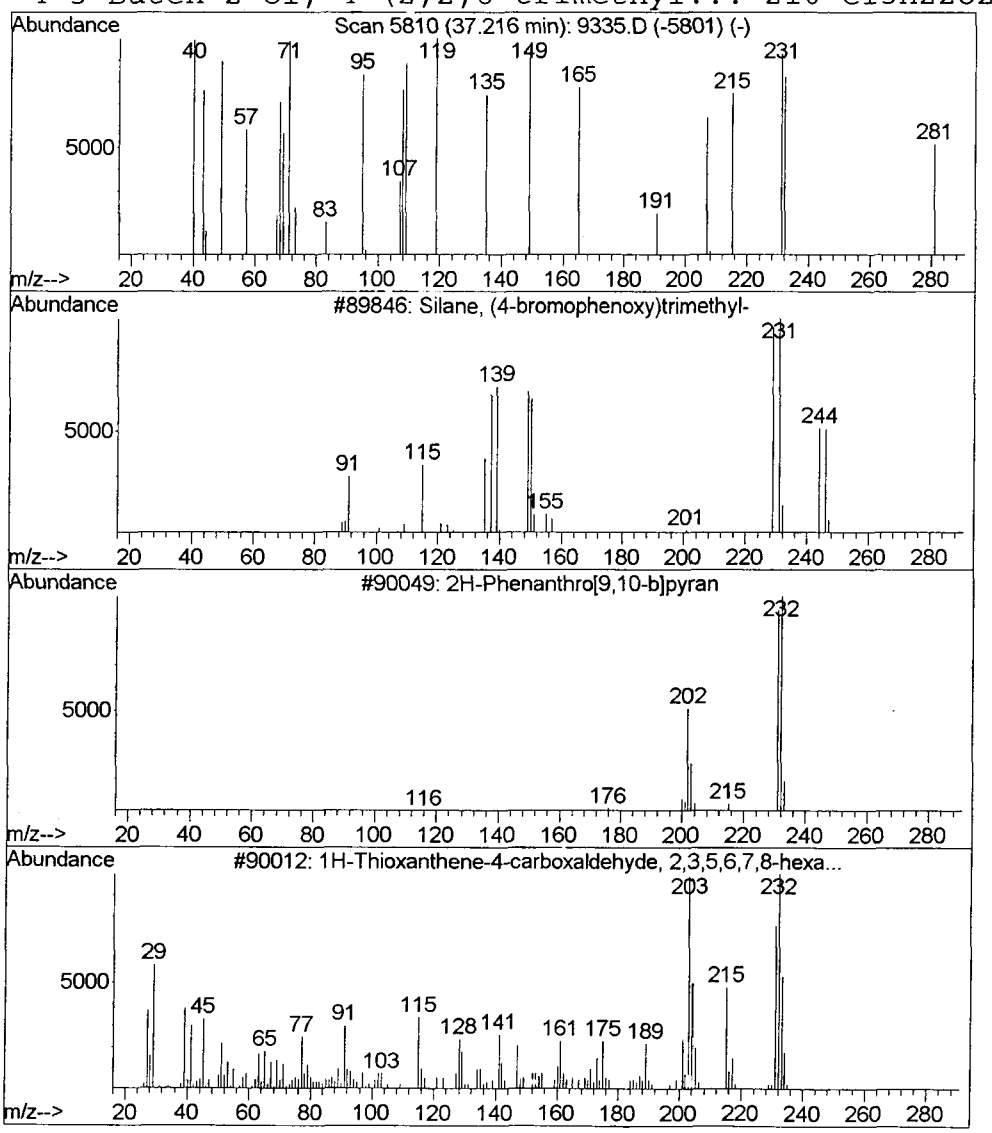
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

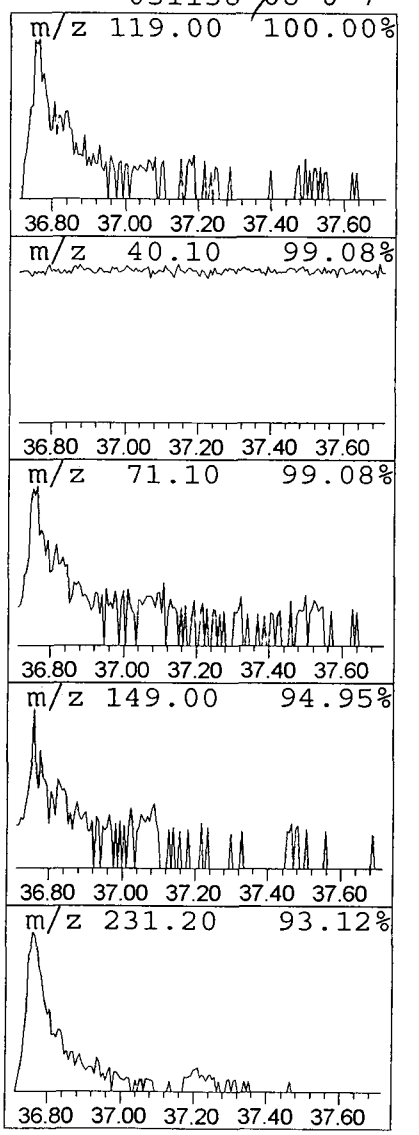
****

Peak Number 16 Silane, (4-bromophenoxy)tri... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.21	0.26 ug/L	305663	Perylene-d12	34.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, (4-bromophenoxy)trimethyl-	244	C9H13BrOSi	017878-44-3	9
2	2H-Phenanthro[9,10-b]pyran	232	C17H12O	000217-67-4	7
3	1H-Thioxanthene-4-carboxaldehyde...	232	C14H16OS	019809-87-1	7
4	3-Buten-2-ol, 4-(2,2,6-trimethyl...	210	C13H22O2	051138-08-0	7





Data File : C:\MSDCHEM\1\DATA\050202\9335.D Vial: 13
Acq On : 2 May 2002 9:27 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

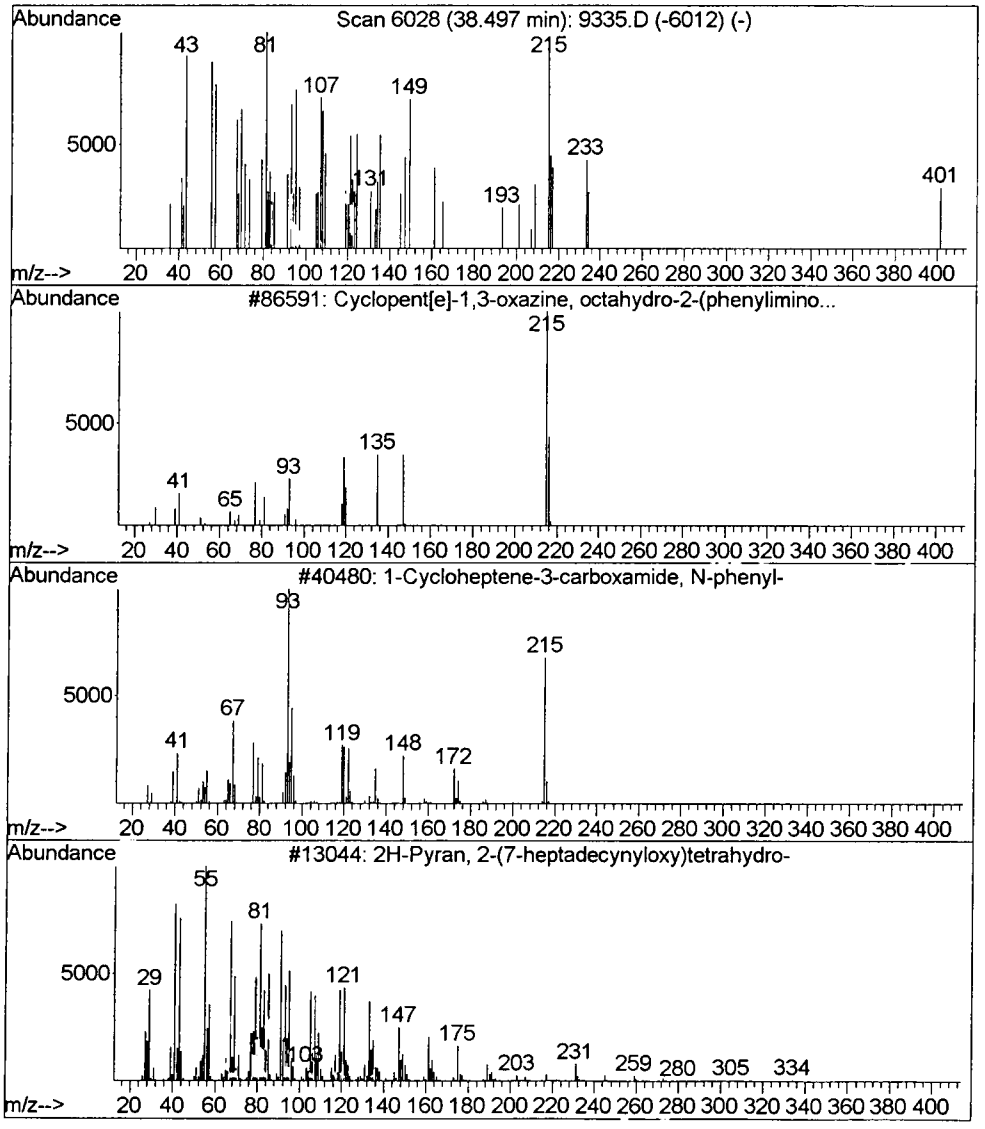
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

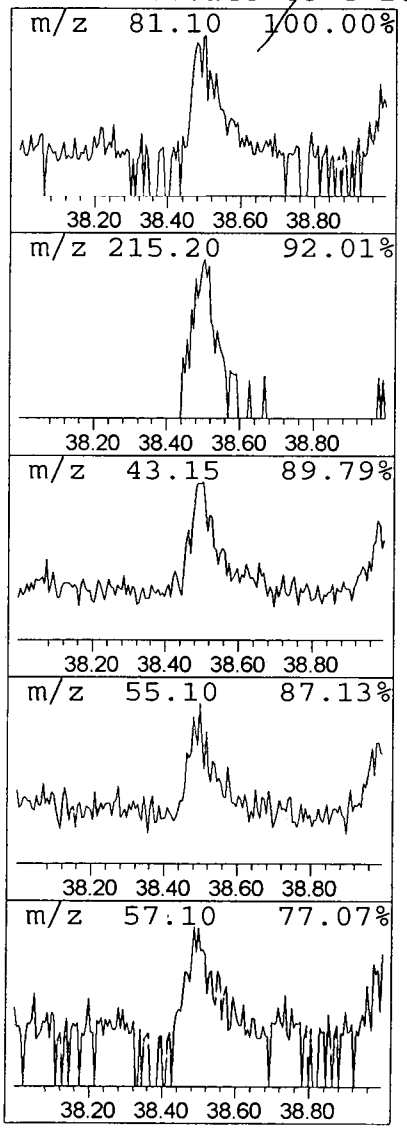
****

Peak Number 17 Cyclopent[e]-1,3-oxazine, o... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.50	0.47 ug/L	549541	Perylene-d12	34.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	22
2	1-Cycloheptene-3-carboxamide, N-...	215	C14H17NO	1000159-24-4	14
3	2H-Pyran, 2-(7-heptadecynyloxy)t...	336	C22H40O2	056599-50-9	10
4	Bisvertinol	498	C28H34O8	1000145-05-4	10





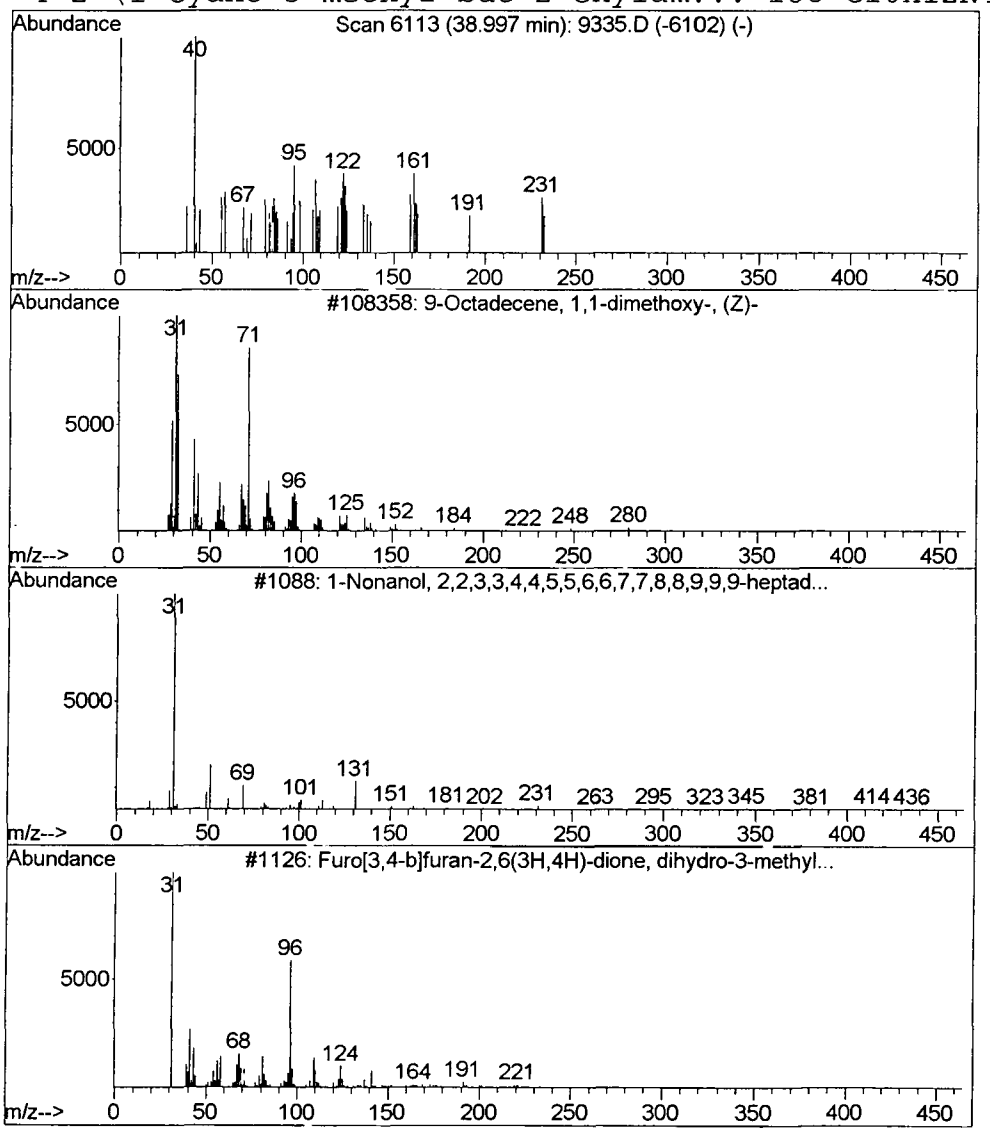
```
Data File : C:\MSDCHEM\1\DATA\050202\9335.D              Vial: 13
Acq On    :  2 May 2002    9:27 pm                    Operator: Mclean
Sample    : 4/29                                      Inst    : Instrumen
Misc      :                                           Multiplr: 1.00
MS Integration Params: LSCINT.e

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

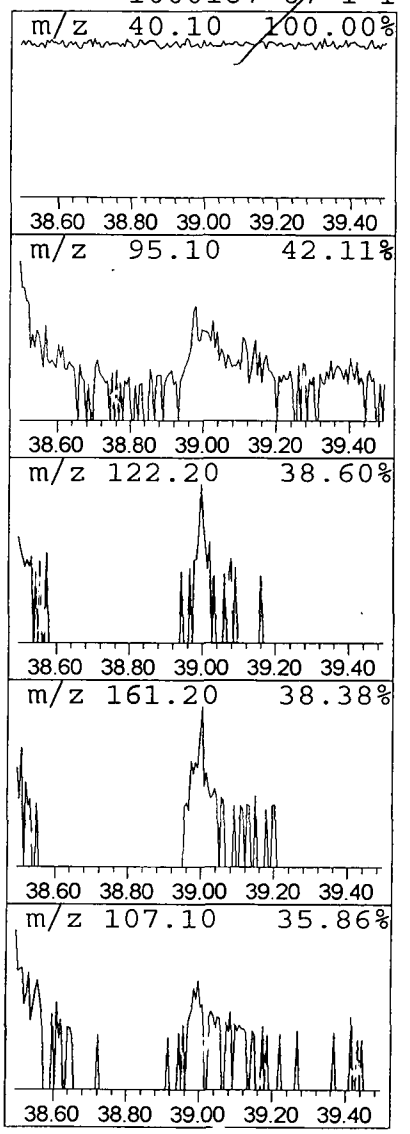
****

Peak Number 18 9-Octadecene, 1,1-dimethoxy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.00	0.21 ug/L	249491	Perylene-d12	34.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, 1,1-dimethoxy-, (Z)-	312	C20H40O2	015677-71-1	4
2	1-Nonanol, 2,2,3,3,4,4,5,5,6,6,7...	450	C9H3F17O	000423-56-3	1
3	Furo[3,4-b]furan-2,6(3H,4H)-dion...	266	C15H22O4	020223-76-1	1
4	2-(1-Cyano-3-methyl-but-2-enylam...	188	C10H12N4	1000187-67-1	1





Operator ID: Mclean Date Acquired: 2 May 2002 9:27 pm
Data File: C:\MSDCHEM\1\DATA\050202\9335.D
Name: 4/29
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...	3.63	0.3	ug/L	289979	1	9.94	38672200	40.0
Ethane-1,2-diimin...	3.76	0.2	ug/L	210318	1	9.94	38672200	40.0
Hexanal	5.11	0.4	ug/L	373378	1	9.94	38672200	40.0
2-Pentanone, 4-hy...	5.98	10.9	ug/L	10492900	1	9.94	38672200	40.0
4-Penten-2-one, 4...	7.72	0.3	ug/L	265501	1	9.94	38672200	40.0
Decanal	13.83	0.2	ug/L	316597	2	13.44	52092000	40.0
Phenanthrene, 9-m...	22.58	0.4	ug/L	600836	4	22.97	56761600	40.0
Phenanthrene-d10	23.11	0.6	ug/L	823975	4	22.97	56761600	40.0
Carbamodithioic a...	25.10	0.3	ug/L	365383	4	22.97	56761600	40.0
Benzyl butyl phth...	29.53	0.2	ug/L	302996	5	30.82	53894700	40.0
2-Dimethylaminobe...	31.51	0.2	ug/L	286783	5	30.82	53894700	40.0
Tetradecanamide	33.68	0.3	ug/L	394020	6	34.73	47024900	40.0
Cyclopent[e]-1,3-...	36.39	3.2	ug/L	3754750	6	34.73	47024900	40.0
Cholestan-3-one	36.76	3.3	ug/L	3934820	6	34.73	47024900	40.0
p-Menth-1-en-3-on...	37.06	0.5	ug/L	573193	6	34.73	47024900	40.0
Silane, (4-bromop...	37.21	0.3	ug/L	305663	6	34.73	47024900	40.0
Cyclopent[e]-1,3-...	38.50	0.5	ug/L	549541	6	34.73	47024900	40.0
9-Octadecene, 1,1...	39.00	0.2	ug/L	249491	6	34.73	47024900	40.0