User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 14:26:49

Sample: AE10809
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 14:26 Ended: 5/20/02 14:26 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		111		10.0

Comments for Sample AE10809 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-20-2002 Time: 14:27:12

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

Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 12:36:23 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 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	7882254	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	31158848	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	16846604	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	24572065	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	18204211	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	11732107	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	1139047	11.14	ug/L	0.00
Spiked Amount 10.000			Recovery = 111.40%			
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	20.54	169	20606	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.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	25.09	149	45704	N.D.		

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

Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 12:36:23 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

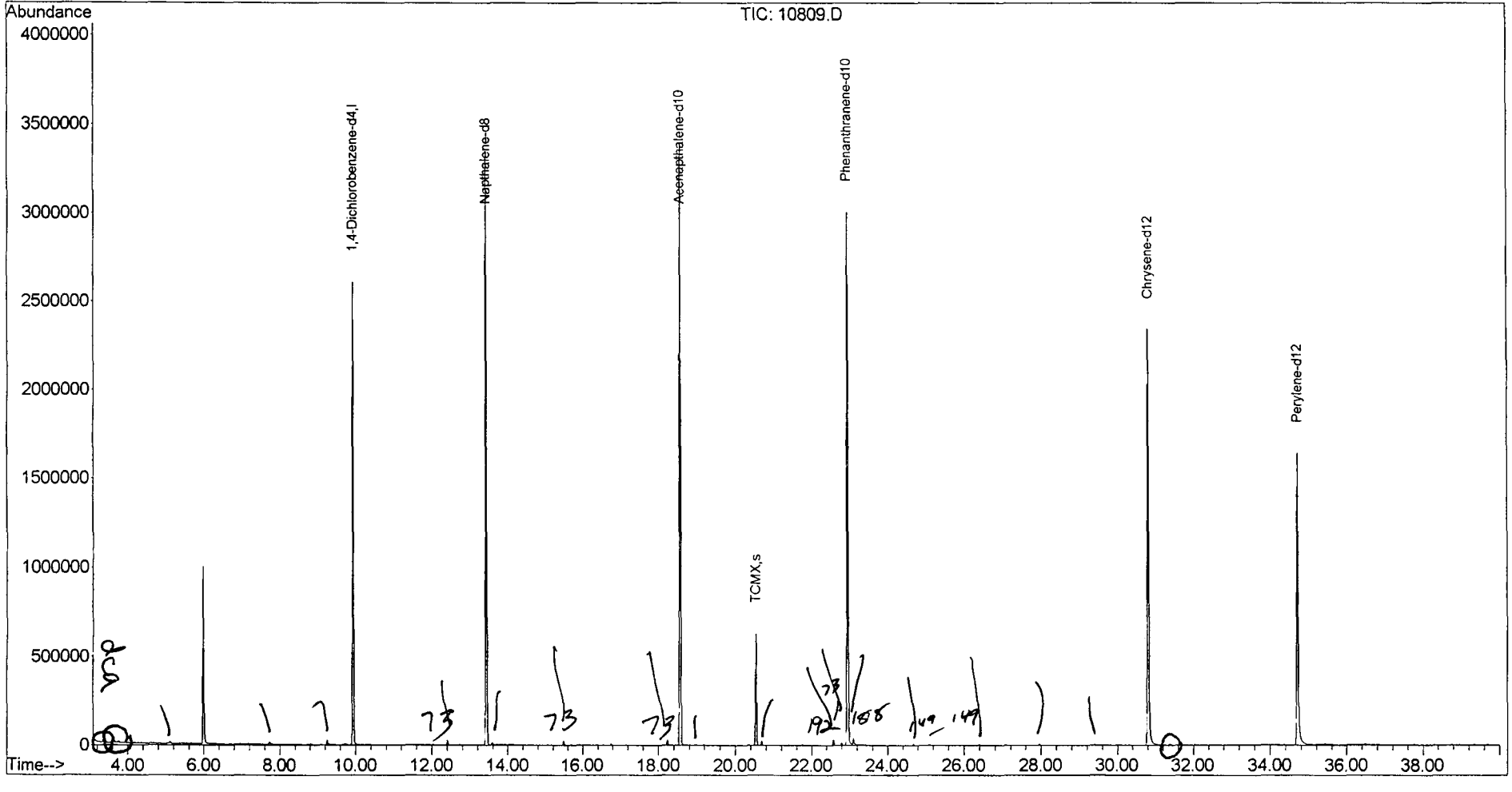
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.81	228	45436	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.38	149	28658	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	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.	
50)	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\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 12:36 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 13 11:40:29 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb 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

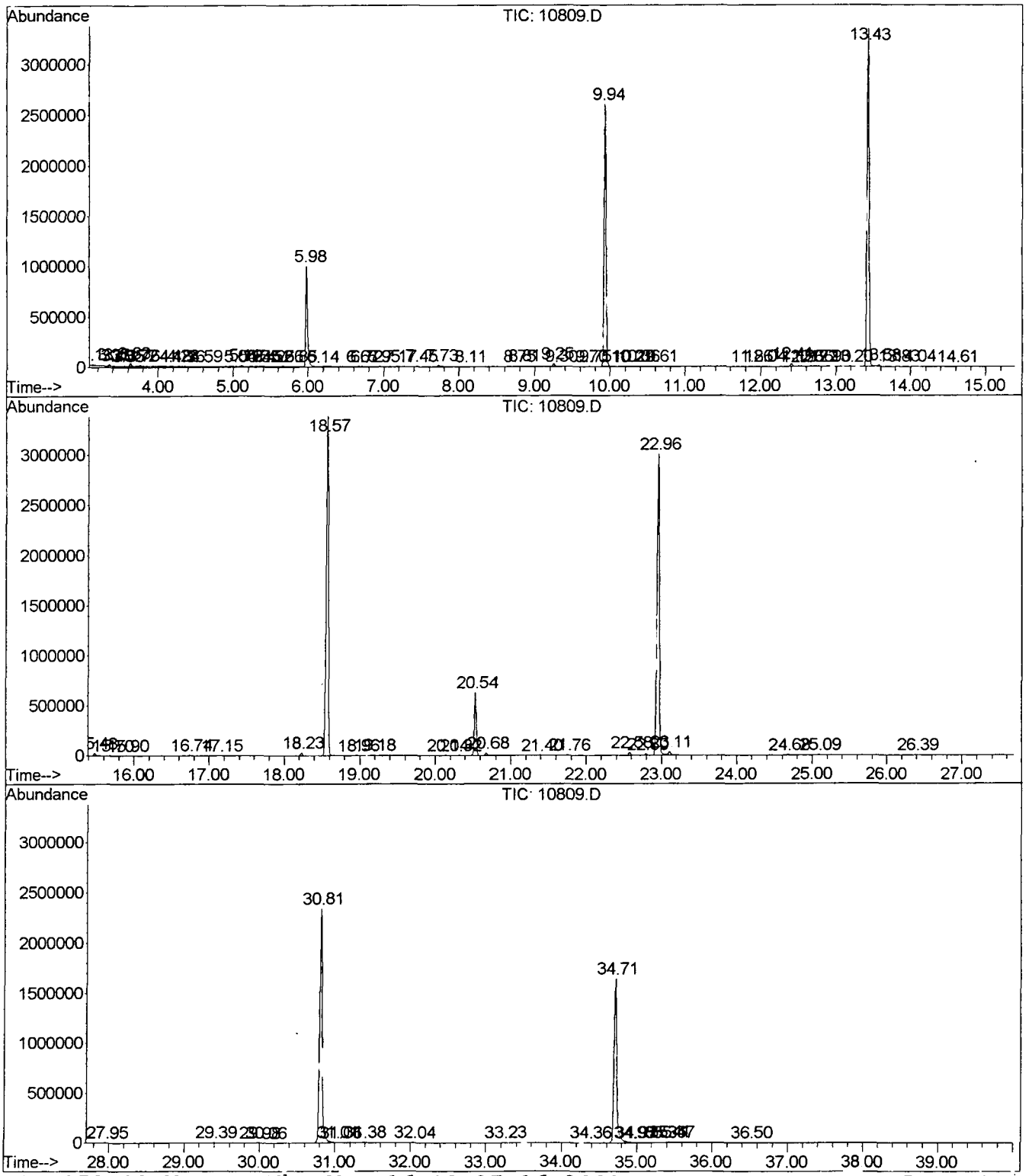
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.132	4	9	20	BV 2	8569	147887	0.21%	0.038%
2	3.355	42	47	52	PV	14532	199536	0.29%	0.051%
3	3.402	52	55	65	VV 7	5081	92650	0.13%	0.024%
4	3.549	77	80	89	PV 7	4475	89281	0.13%	0.023%
5	3.632	89	94	106	VV	32183	600374	0.87%	0.155%
6	3.726	106	110	111	VV 4	6852	110766	0.16%	0.029%
7	3.755	111	115	122	VV	11187	257265	0.37%	0.066%
8	4.178	181	187	197	VV 6	4807	121978	0.18%	0.031%
9	4.278	197	204	208	VV 4	4751	78523	0.11%	0.020%
10	4.354	214	217	222	VV 5	3952	63561	0.09%	0.016%
11	4.589	253	257	265	VV 6	2070	45979	0.07%	0.012%
12	5.042	329	334	340	PV 8	3514	70665	0.10%	0.018%
13	5.106	340	345	353	VV 7	11815	224165	0.32%	0.058%
14	5.242	363	368	371	VV 6	1902	26708	0.04%	0.007%
15	5.353	383	387	394	VV 4	2572	56658	0.08%	0.015%
16	5.424	394	399	405	VV 3	6181	121506	0.18%	0.031%
17	5.524	413	416	425	VV 6	2842	78901	0.11%	0.020%
18	5.665	435	440	448	VV 9	5566	127111	0.18%	0.033%
19	5.853	467	472	479	VV 3	2875	53511	0.08%	0.014%
20	5.976	479	493	520	VV	965887	17366071	25.08%	4.481%
21	6.140	520	521	525	VV 4	2568	39503	0.06%	0.010%
22	6.669	606	611	614	VV 6	2228	31457	0.05%	0.008%
23	6.716	614	619	627	VV 9	2104	52235	0.08%	0.013%
24	6.945	654	658	663	VV 5	2511	42929	0.06%	0.011%
25	7.169	692	696	703	VV 6	3479	63576	0.09%	0.016%
26	7.451	737	744	759	VV 4	4847	95221	0.14%	0.025%
27	7.727	784	791	804	PV	13963	360644	0.52%	0.093%
28	8.109	852	856	861	VV 4	2961	61144	0.09%	0.016%
29	8.749	957	965	971	PV 6	3354	67369	0.10%	0.017%
30	8.814	971	976	985	VV 4	5820	114196	0.16%	0.029%
31	9.255	1039	1051	1056	BV	26568	432909	0.63%	0.112%
32	9.302	1056	1059	1066	VV 2	3670	70146	0.10%	0.018%
33	9.701	1122	1127	1131	VV 3	2503	49812	0.07%	0.013%
34	9.754	1131	1136	1151	VV 7	2075	58764	0.08%	0.015%
35	9.936	1158	1167	1187	VV	2543417	47972573	69.27%	12.377%
36	10.271	1217	1224	1225	VV 5	1973	36288	0.05%	0.009%
37	10.289	1225	1227	1233	VV 3	2422	41868	0.06%	0.011%

40	11.863	1487	1495	1499	PV	4	4820	79899	0.12%	0.021%
41	12.040	1519	1525	1538	PV	2	4494	93634	0.14%	0.024%
42	12.410	1577	1588	1595	VV		26806	438197	0.63%	0.113%
43	12.527	1595	1608	1613	VV	7	2417	65941	0.10%	0.017%
44	12.662	1613	1631	1636	VV	7	1899	49604	0.07%	0.013%
45	12.721	1636	1641	1648	VV		2743	55681	0.08%	0.014%
46	12.903	1664	1672	1679	VV	4	1981	52143	0.08%	0.013%
47	13.197	1717	1722	1729	VV	4	1925	42084	0.06%	0.011%
48	13.432	1752	1762	1779	PV		3302757	64084943	92.54%	16.535%
49	13.579	1779	1787	1797	VV		12933	257631	0.37%	0.066%
50	13.826	1823	1829	1839	VV	5	5902	116571	0.17%	0.030%
51	14.043	1855	1866	1877	VV	5	3890	92273	0.13%	0.024%
52	14.607	1956	1962	1968	VV	3	1714	31756	0.05%	0.008%
53	15.483	2100	2111	2123	PV		24964	429994	0.62%	0.111%
54	15.700	2132	2148	2156	VV	4	3793	109010	0.16%	0.028%
55	15.900	2171	2182	2192	VV	2	2652	62484	0.09%	0.016%
56	16.746	2319	2326	2340	VV	6	7201	183762	0.27%	0.047%
57	17.145	2390	2394	2400	VV	4	2695	40475	0.06%	0.010%
58	18.232	2567	2579	2591	PV		28356	467857	0.68%	0.121%
59	18.573	2626	2637	2663	VV		3382023	69251185	100.00%	17.868%
60	18.961	2692	2703	2716	VV	4	2930	79134	0.11%	0.020%
61	19.184	2737	2741	2760	VV	2	4272	86608	0.13%	0.022%
62	20.142	2900	2904	2917	VV	4	3064	63227	0.09%	0.016%
63	20.324	2927	2935	2943	VB	4	2424	44368	0.06%	0.011%
64	20.536	2961	2971	2984	PV		616136	11227946	16.21%	2.897%
65	20.683	2989	2996	3019	VV		24072	415356	0.60%	0.107%
66	21.393	3112	3117	3124	VV	3	3792	61513	0.09%	0.016%
67	21.758	3165	3179	3183	PV	4	4185	74303	0.11%	0.019%
68	22.580	3311	3319	3329	VV	2	31039	566820	0.82%	0.146%
69	22.798	3348	3356	3364	PV	2	12743	219879	0.32%	0.057%
70	22.956	3368	3383	3402	PV	2	2972967	67068725	96.85%	17.304%
71	23.109	3402	3409	3426	VV	2	34158	759524	1.10%	0.196%
72	24.678	3669	3676	3682	PV	2	7531	132237	0.19%	0.034%
73	25.089	3737	3746	3756	PV	2	4701	88165	0.13%	0.023%
74	26.394	3962	3968	3975	PV	3	5386	103895	0.15%	0.027%
75	27.951	4222	4233	4239	BV	3	4286	77154	0.11%	0.020%
76	29.396	4471	4479	4487	PV	2	4260	81339	0.12%	0.021%
77	29.978	4573	4578	4589	PV	4	2966	84427	0.12%	0.022%
78	30.066	4589	4593	4598	PV	4	2017	34749	0.05%	0.009%
79	30.812	4703	4720	4753	PV	2	2325164	56887551	82.15%	14.678%
80	31.012	4753	4754	4761	VV	4	4912	109223	0.16%	0.028%
81	31.059	4761	4762	4769	VV	6	3474	86592	0.13%	0.022%
82	31.376	4809	4816	4827	VV	3	6171	178438	0.26%	0.046%
83	32.034	4922	4928	4937	PV	2	3845	81658	0.12%	0.021%
84	33.233	5126	5132	5139	PV	2	3341	71940	0.10%	0.019%
85	34.361	5318	5324	5339	PV	6	3388	80517	0.12%	0.021%
86	34.713	5366	5384	5422	PV	2	1652807	42580156	61.49%	10.986%
87	34.943	5422	5423	5425	VV	2	5249	60817	0.09%	0.016%

90	35.413	5495	5503	5510	VV	6	7210	249618	0.36%	0.064%
91	35.471	5510	5513	5515	VV	2	3794	54740	0.08%	0.014%
92	36.500	5681	5688	5694	VV	4	2114	44246	0.06%	0.011%

Sum of corrected areas: 387580714

File : C:\MSDCHEM\1\DATA\051402\10809.D
Operator : Mclean
Acquired : 15 May 2002 5:01 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/7 kb
Misc Info :
Vial Number: 19
Quant File :050102.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

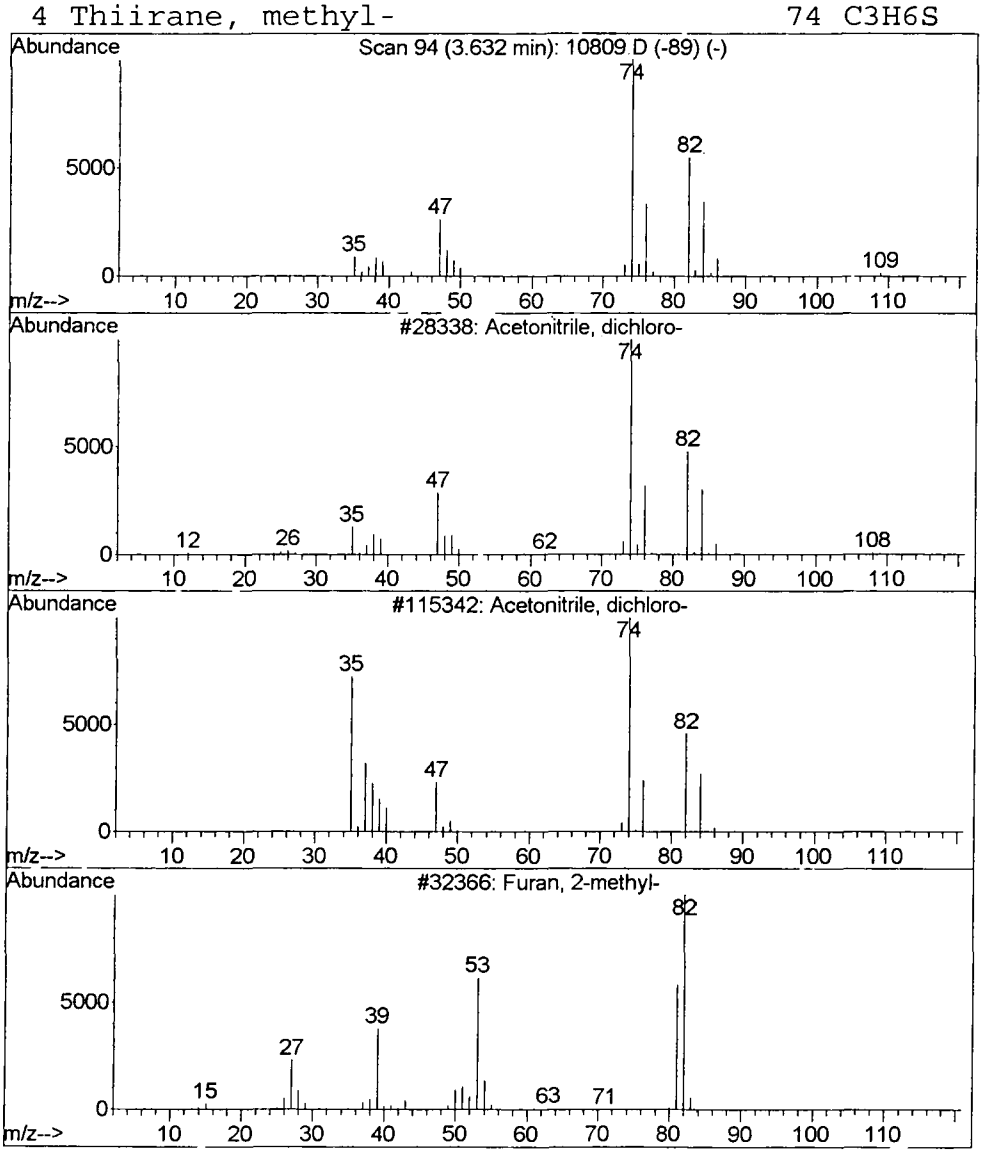
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

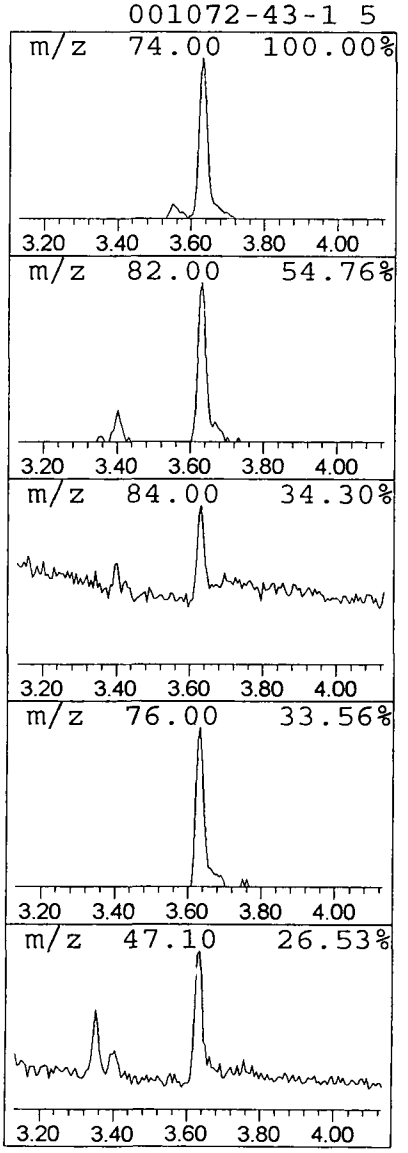
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	0.50 ug/L	600374	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	97
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
3	Furan, 2-methyl-	82	C5H6O	000534-22-5	5
4	Thiirane, methyl-	74	C3H6S	001072-43-1	5





Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

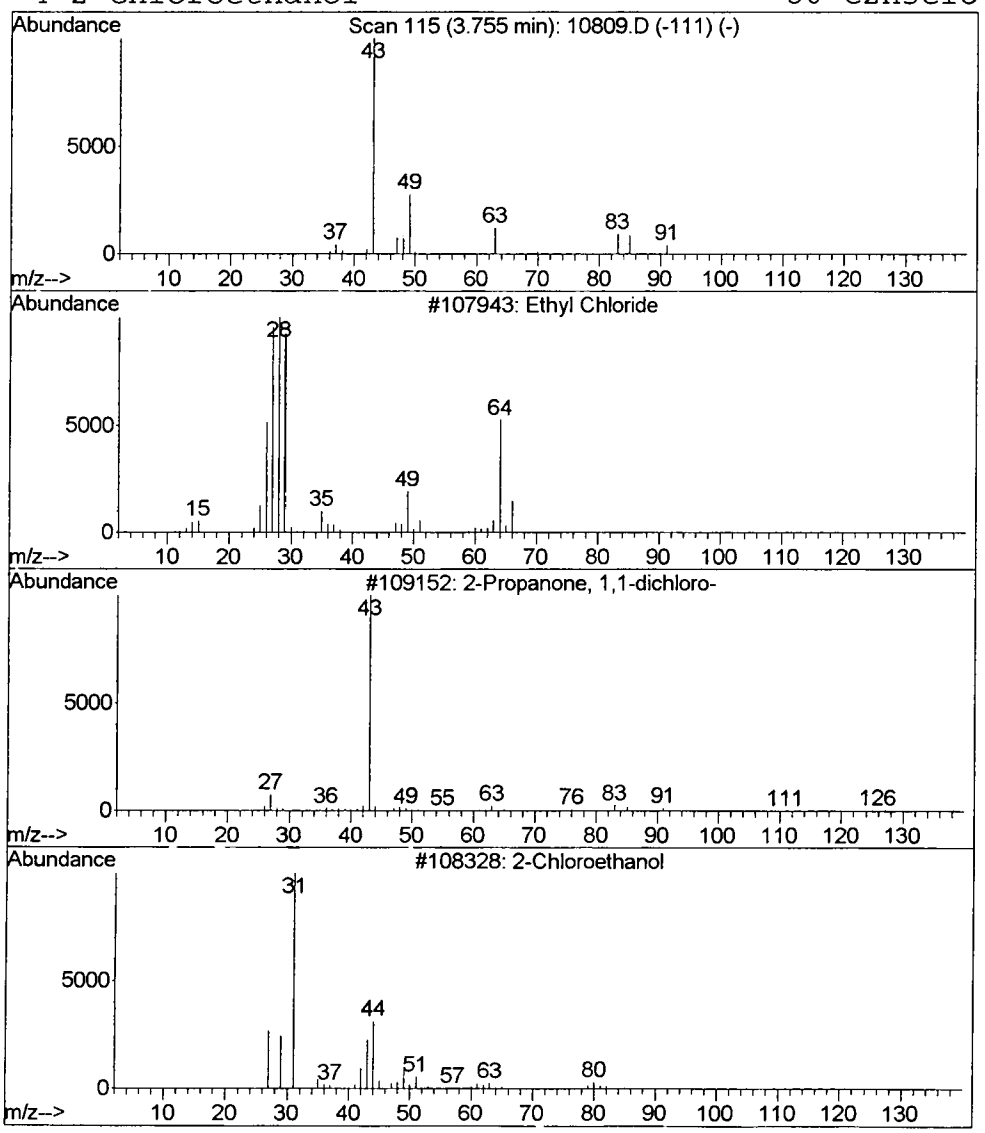
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

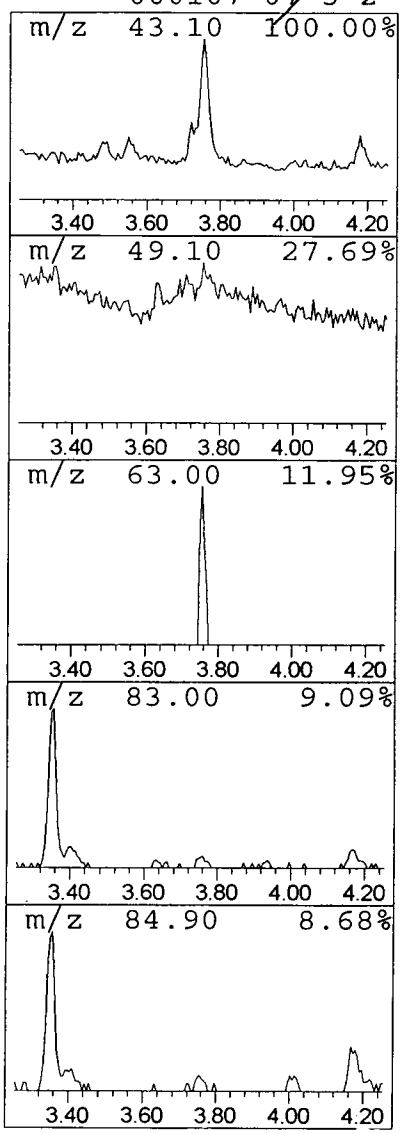
****

Peak Number 2 Ethyl Chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.21 ug/L	257265	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	33
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	4
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	4
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	2





Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

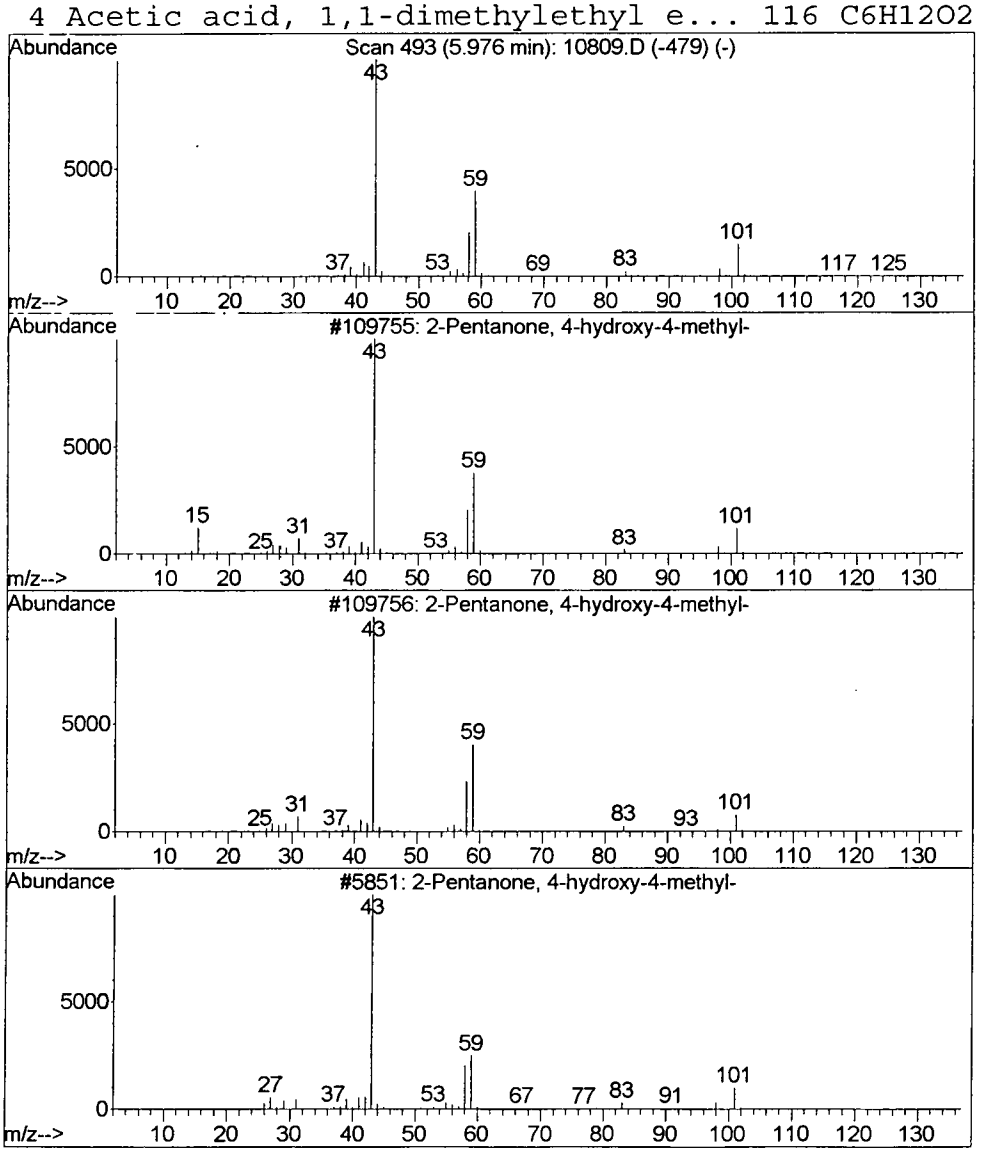
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

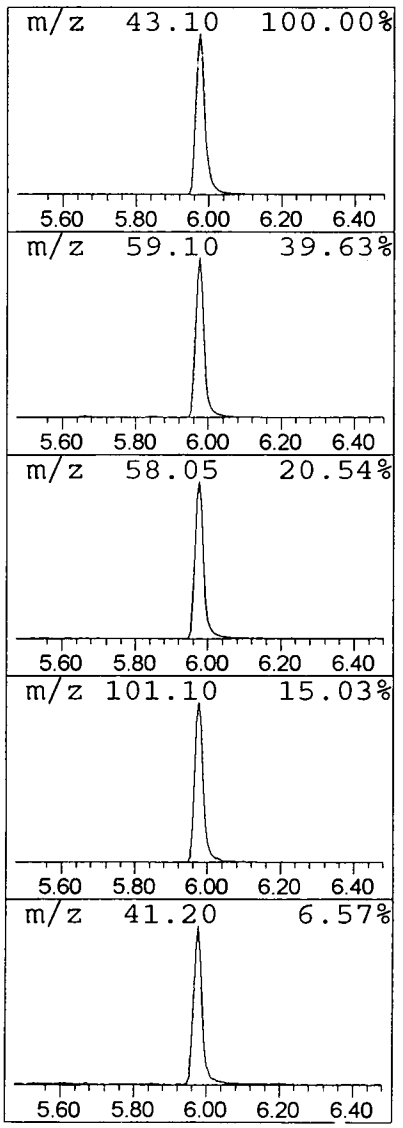
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	14.48 ug/L	17366100	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	86
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

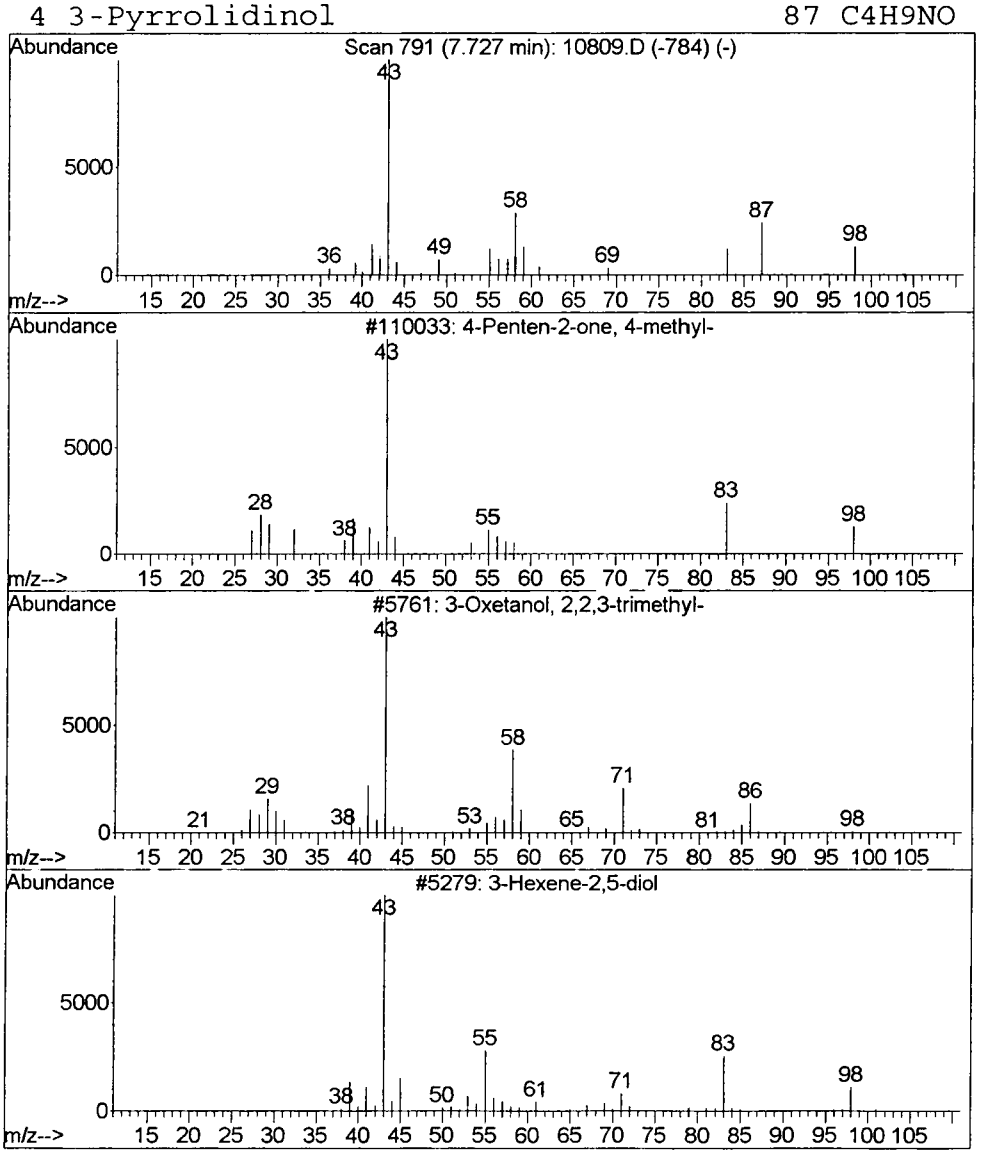
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

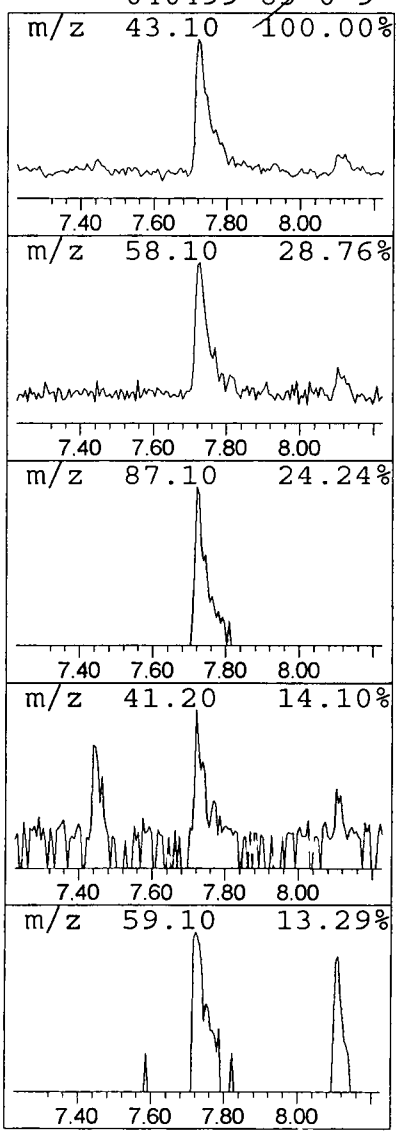
****

Peak Number 4 4-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.30 ug/L	360644	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-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	25
3	3-Hexene-2,5-diol	116	C6H12O2	007319-23-5	10
4	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9





Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

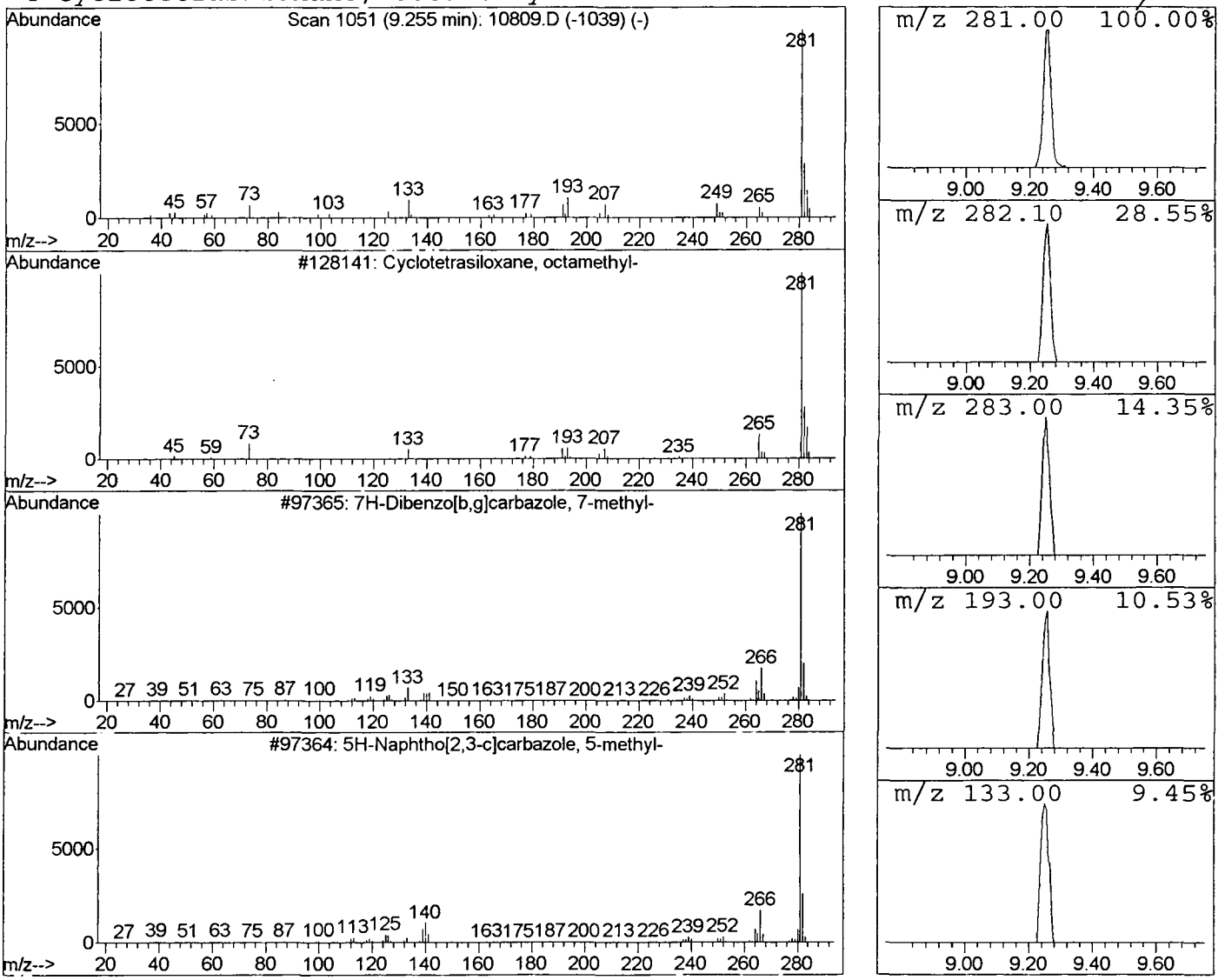
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

****

Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	0.36 ug/L	432909	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	64
3	5H-Naphtho[2,3-c]carbazole, 5-me...	281	C21H15N	100025-44-3	53
4	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	47



Data File : C:\MSDCHEM\1\DATA\051402\10809.D
Acq On : 15 May 2002 5:01 am
Sample : 5/7 kb
Misc :
MS Integration Params: LSCINT.e

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

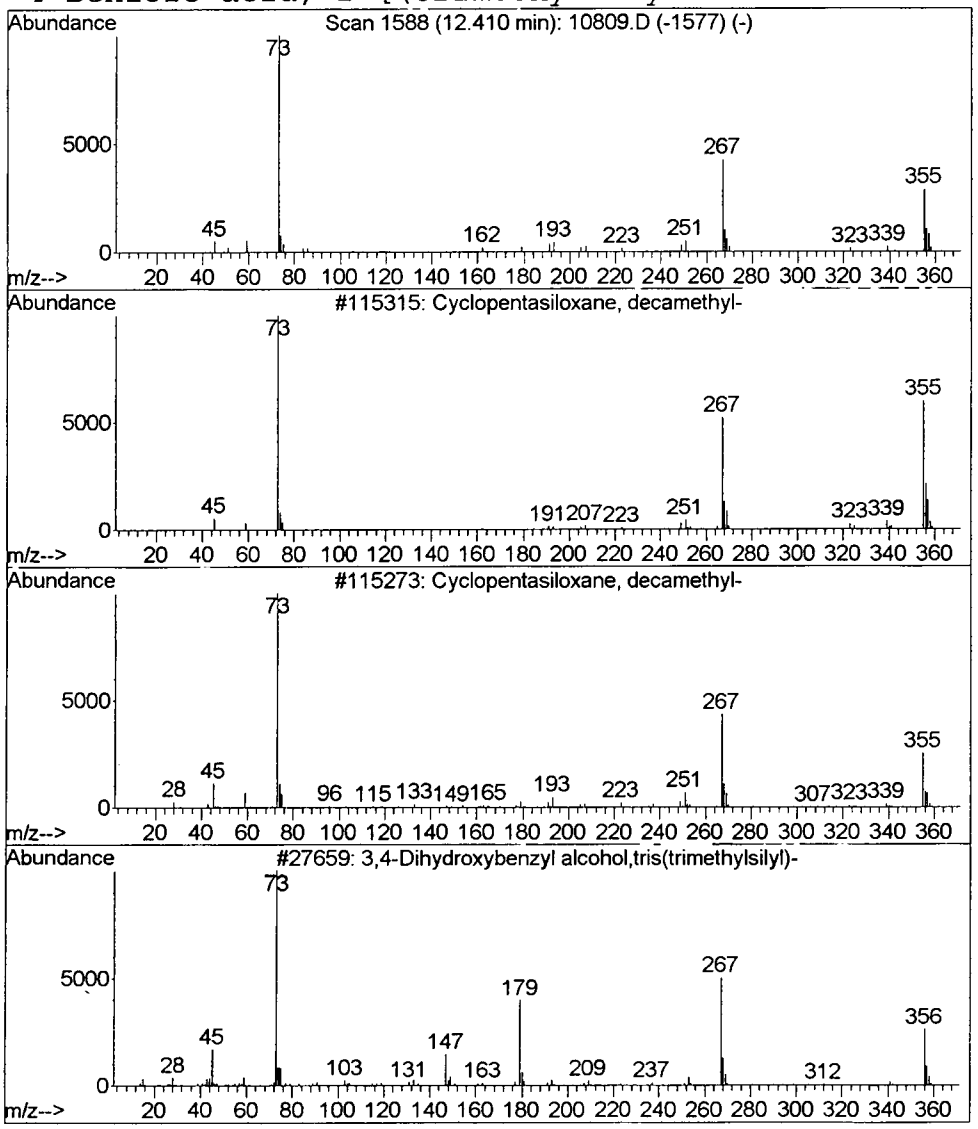
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

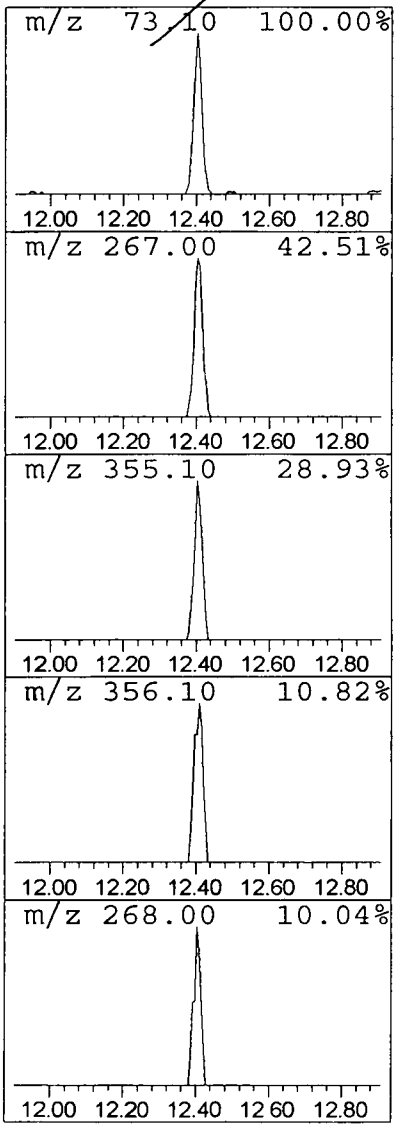
****

Peak Number 6 Cyclopentasiloxane, decamet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	0.27 ug/L	438197	Napthalene-d8	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
3	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	38
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	28





Data File : C:\MSDCHEM\1\DATA\051402\10809.D
Acq On : 15 May 2002 5:01 am
Sample : 5/7 kb
Misc :
MS Integration Params: LSCINT.e

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

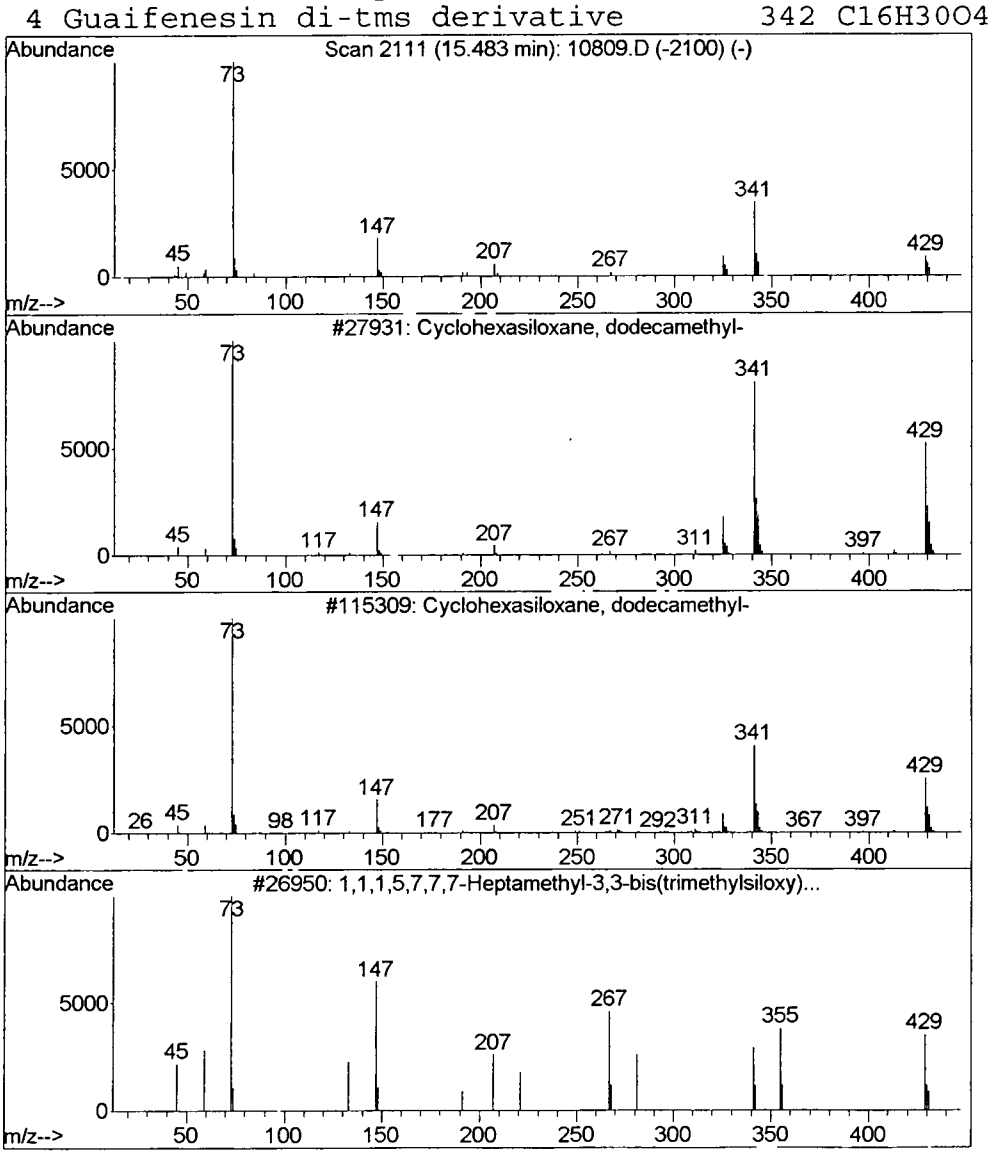
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

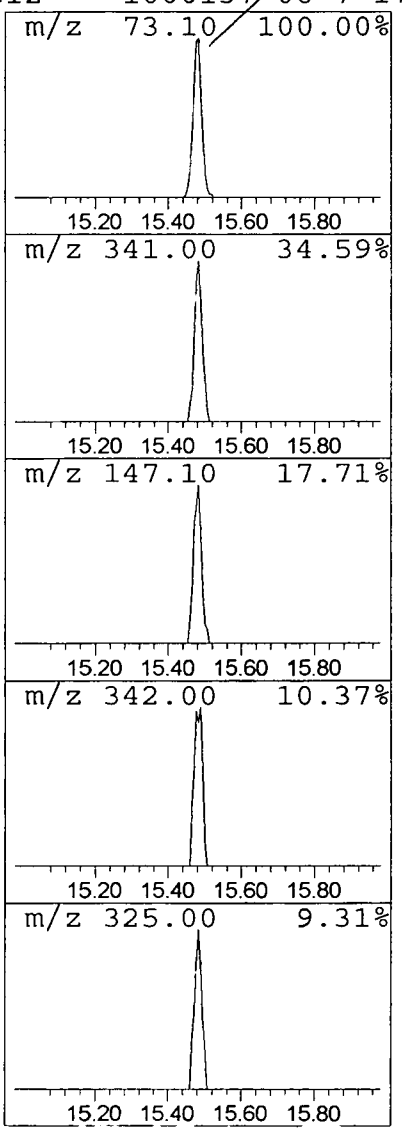
****

Peak Number 7 Cyclohexasiloxane, dodecame... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	0.27 ug/L	429994	Napthalene-d8	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	83
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	23
4	Guaifenesin di-tms derivative	342	C16H30O4Si2	1000137-06-7	17





Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

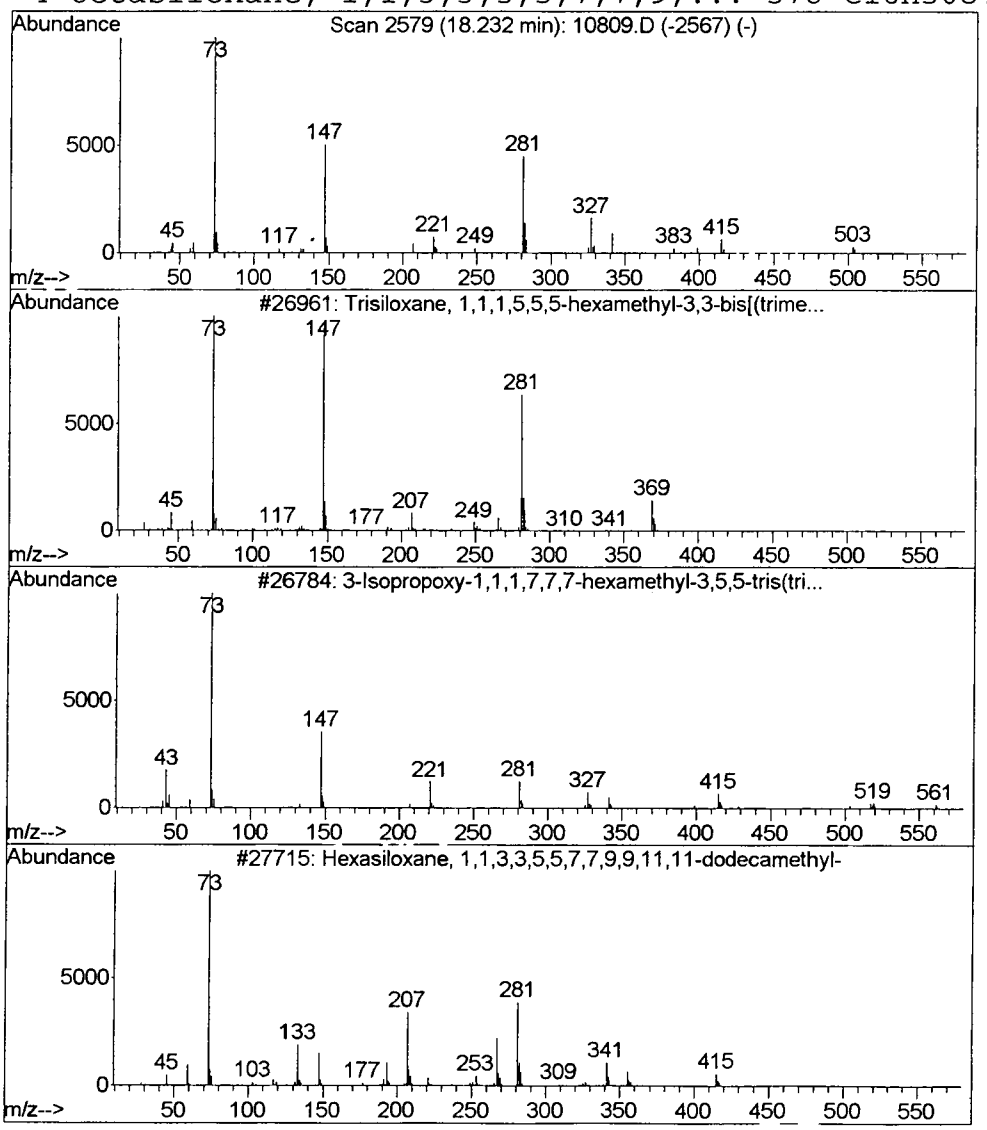
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

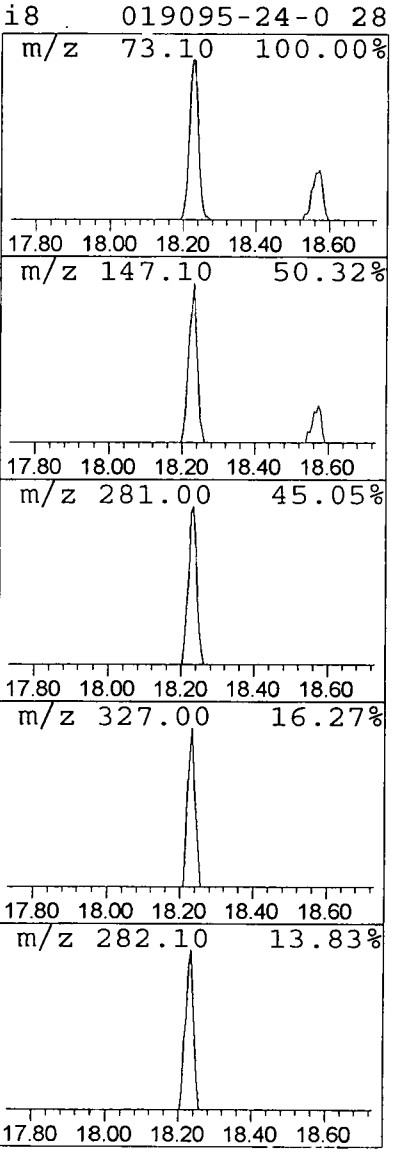
****

Peak Number 8 Trisiloxane, 1,1,1,5,5,5-he... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	0.27 ug/L	467857	Acenapthalene-d10	18.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	43
2	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	43
3	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	42
4	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	28





Data File : C:\MSDCHEM\1\DATA\051402\10809.D
Acq On : 15 May 2002 5:01 am
Sample : 5/7 kb
Misc :
MS Integration Params: LSCINT.e

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

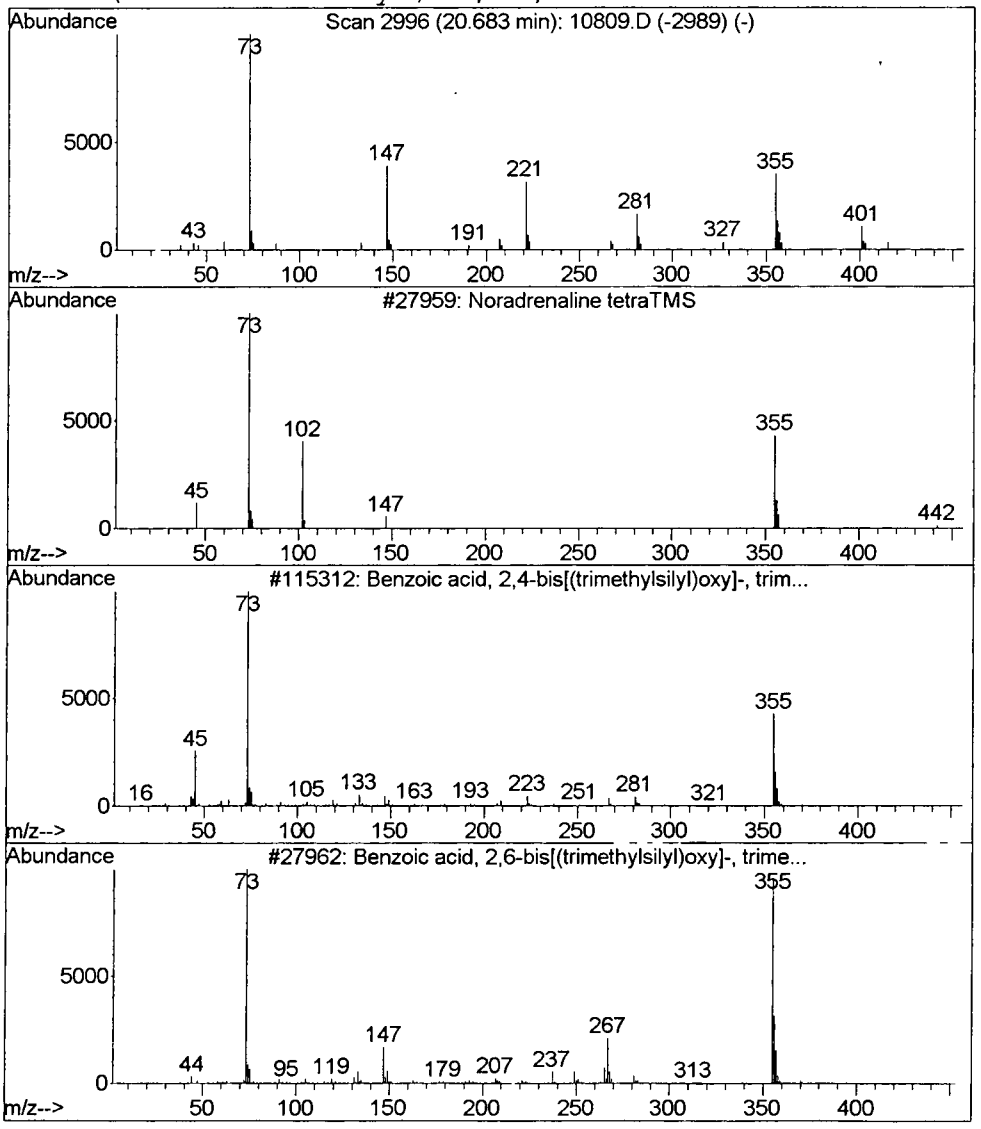
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

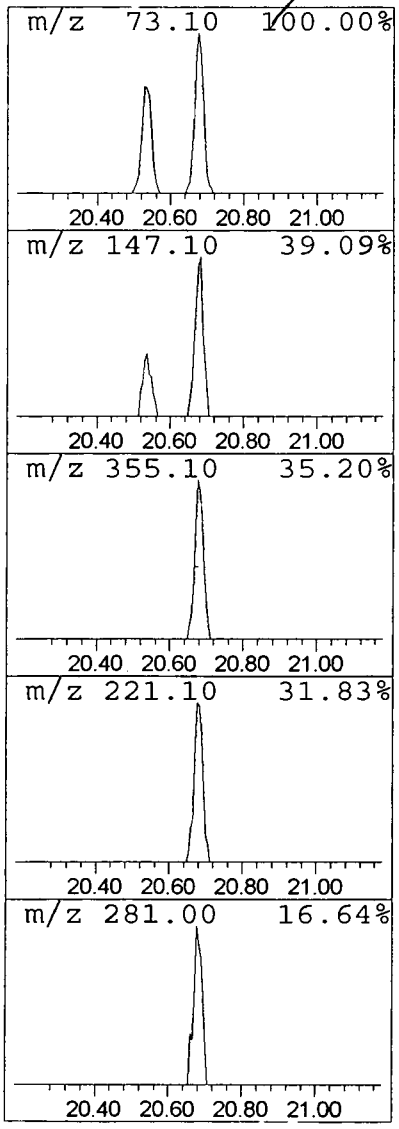
****

Peak Number 9 Noradrenaline tetraTMS Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	0.24 ug/L	415356	Acenapthalene-d10	18.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	16
2	Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	14
3	Benzoic acid, 2,6-bis[(trimethyl...	370	C16H30O4Si3	003782-85-2	12
4	N-(Trifluoroacetyl)-O,O',O''-tri...	481	C19H34F3NO4Si3	1000072-26-3	12





Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

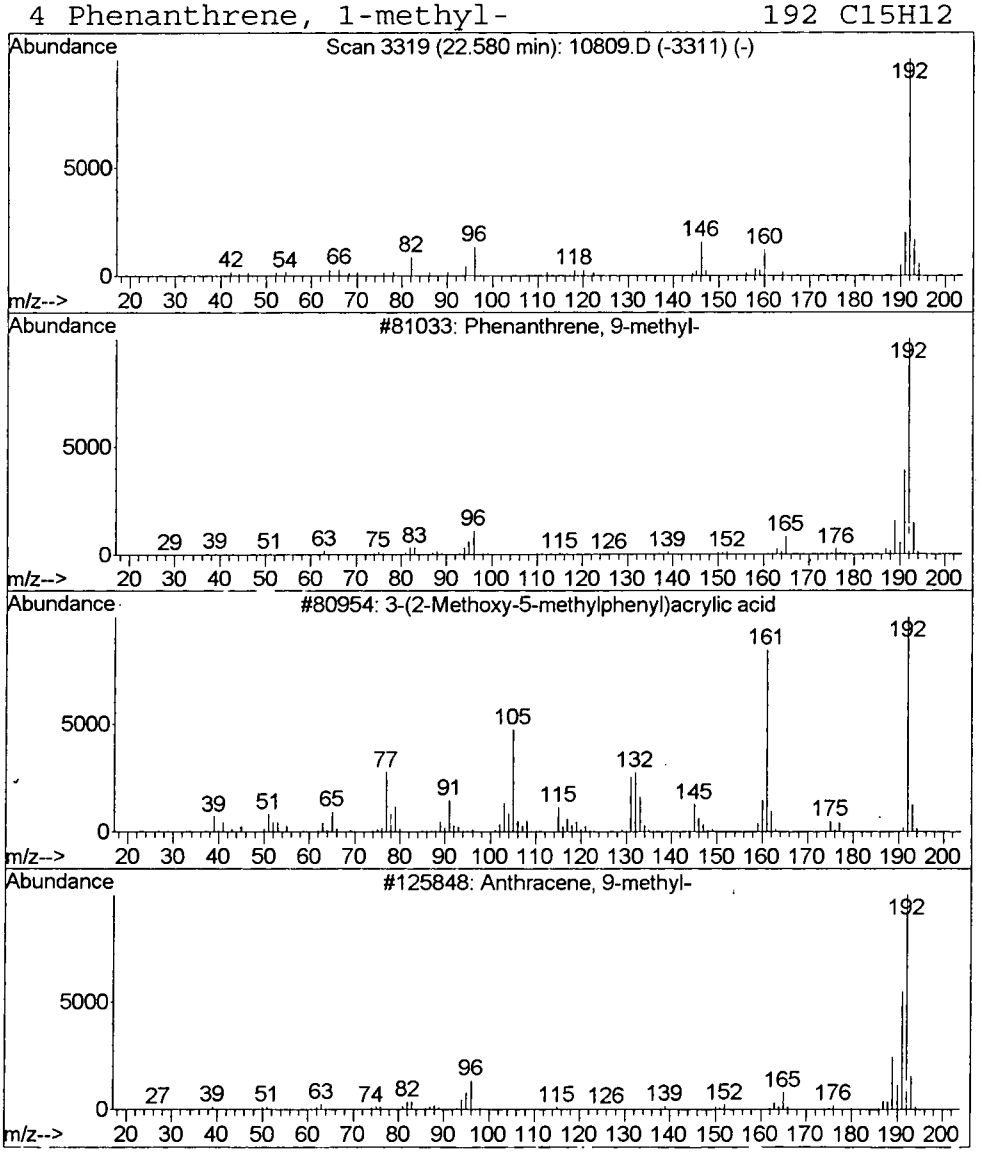
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

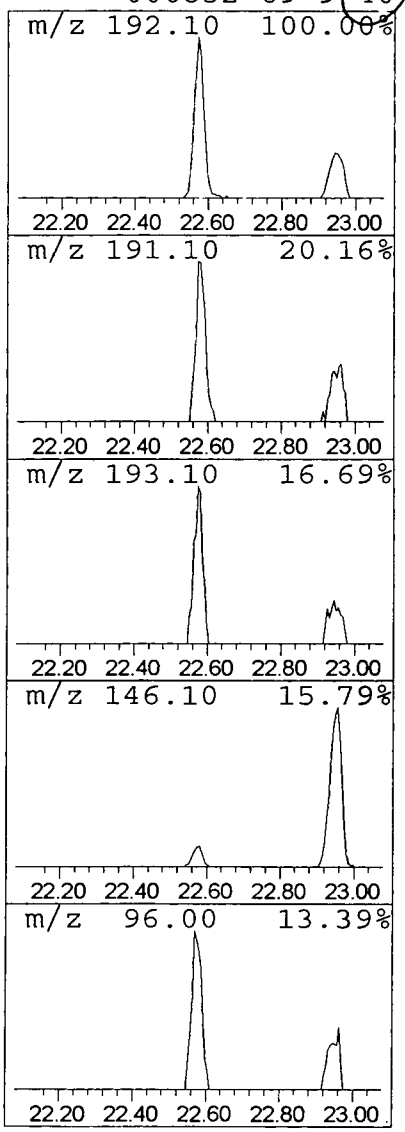
****

Peak Number 10 Phenanthrene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.34 ug/L	566820	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	50
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	40
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	40





Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

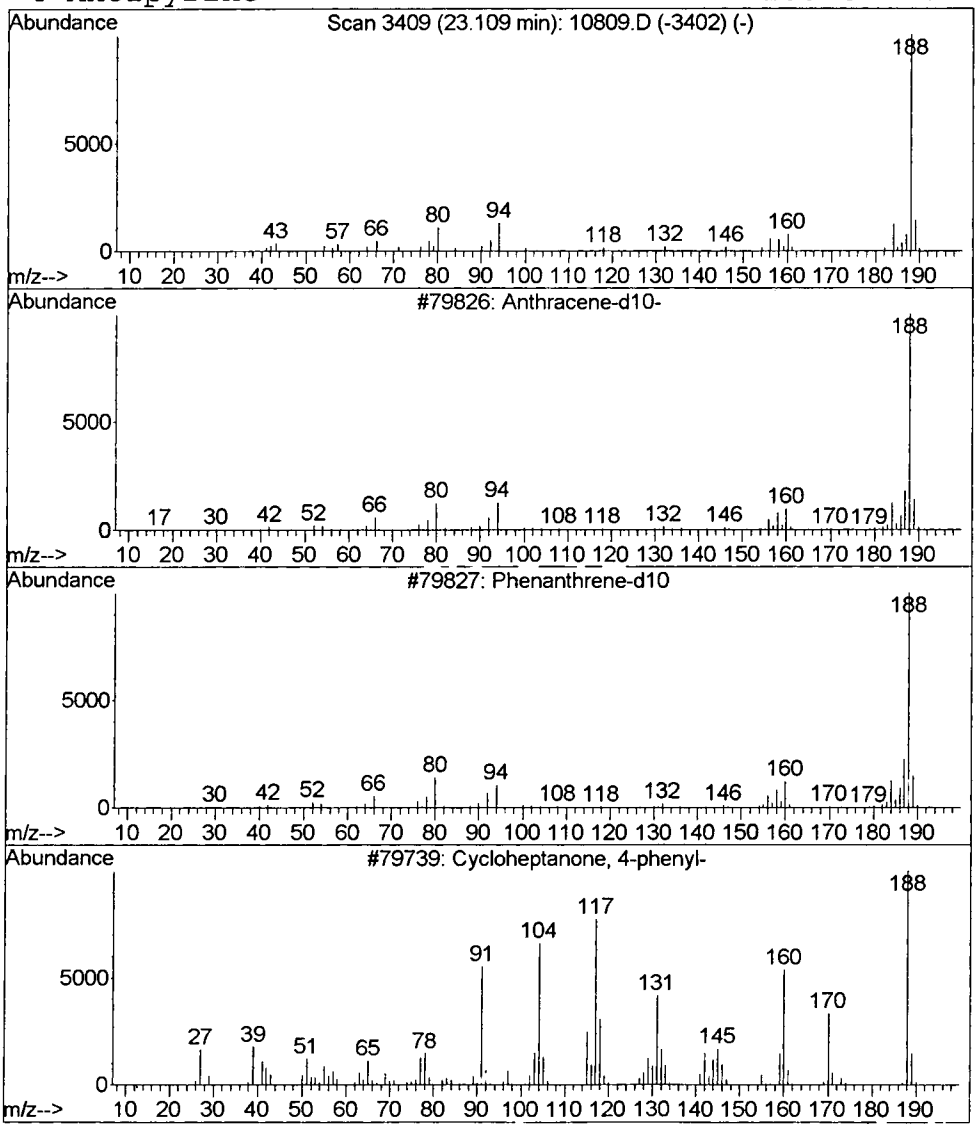
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

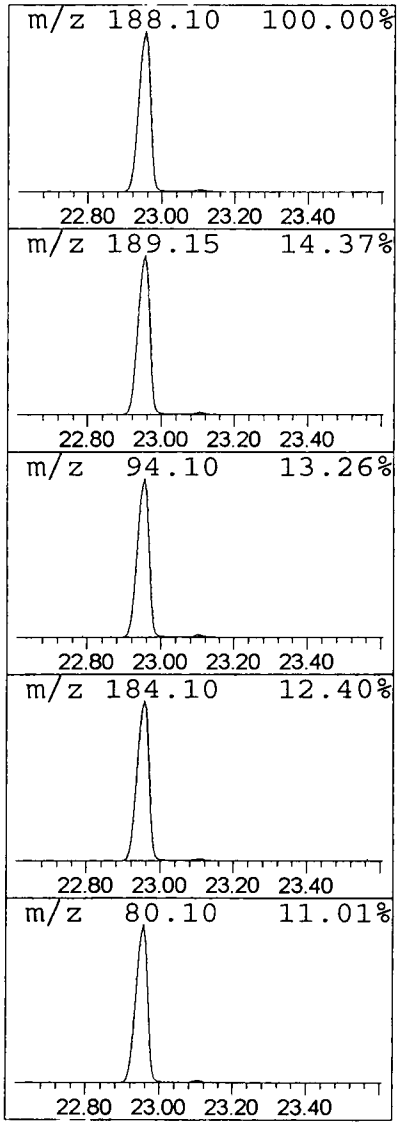
****

Peak Number 11 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.45 ug/L	759524	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	93
2	Phenanthrene-d10	188	C14D10	001517-22-2	50
3	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	50
4	Antipyrine	188	C11H12N2O	000060-80-0	40





Data File : C:\MSDCHEM\1\DATA\051402\10809.D Vial: 19
Acq On : 15 May 2002 5:01 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

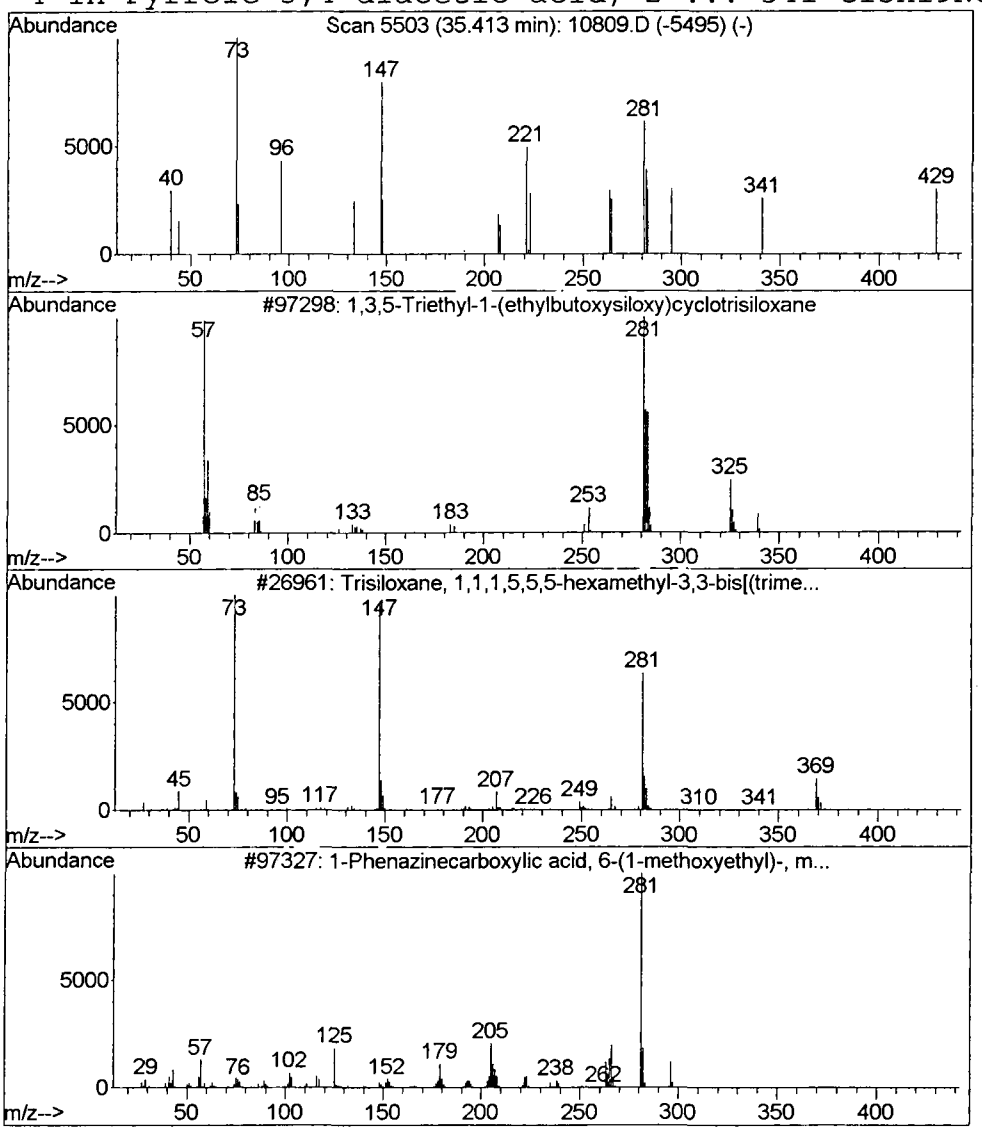
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

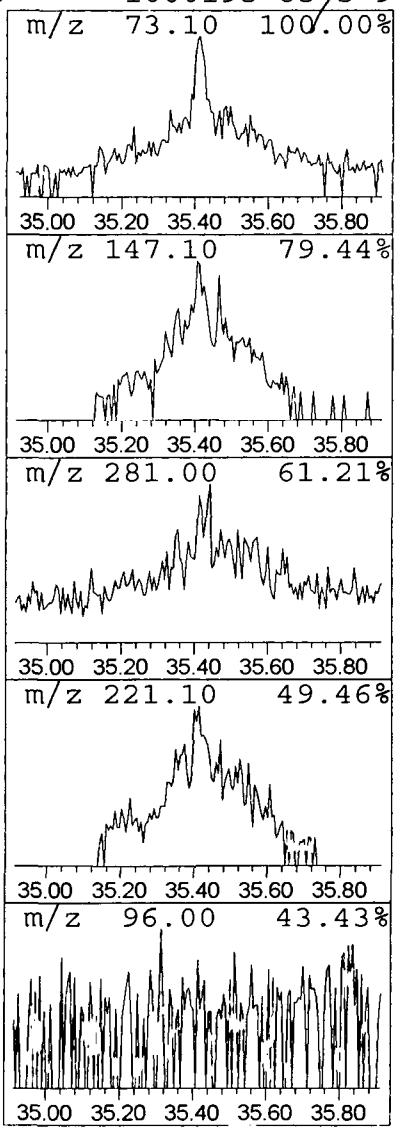
****

Peak Number 12 1,3,5-Triethyl-1-(ethylbuto... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.41	0.23 ug/L	249618	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triethyl-1-(ethylbutoxysil...	368	C12H32O5Si4	073420-25-4	9
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	9
3	1-Phenazinecarboxylic acid, 6-(1...	296	C17H16N2O3	1000196-92-4	9
4	1h-Pyrrole-3,4-diacetic acid, 2-...	341	C15H19NO8	1000195-85-5	9





Operator ID: Mclean Date Acquired: 15 May 2002 5:01 am
Data File: C:\MSDCHEM\1\DATA\051402\10809.D
Name: 5/7 kb
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
Acetonitrile, dic...	3.63	0.5	ug/L	600374	1	9.94	47972600	40.0
Ethyl Chloride	3.76	0.2	ug/L	257265	1	9.94	47972600	40.0
2-Pentanone, 4-hy...	5.98	14.5	ug/L	17366100	1	9.94	47972600	40.0
4-Penten-2-one, 4...	7.73	0.3	ug/L	360644	1	9.94	47972600	40.0
Cyclotetrasiloxan...	9.25	0.4	ug/L	432909	1	9.94	47972600	40.0
Cyclopentasiloxan...	12.41	0.3	ug/L	438197	2	13.43	64084900	40.0
Cyclohexasiloxane...	15.48	0.3	ug/L	429994	2	13.43	64084900	40.0
Trisiloxane, 1,1,...	18.23	0.3	ug/L	467857	3	18.57	69251200	40.0
Noradrenaline tet...	20.68	0.2	ug/L	415356	3	18.57	69251200	40.0
Phenanthrene, 9-m...	22.58	0.3	ug/L	566820	4	22.96	67068700	40.0
Anthracene-d10-	23.11	0.5	ug/L	759524	4	22.96	67068700	40.0
1,3,5-Triethyl-1-...	35.41	0.2	ug/L	249618	6	34.71	42580200	40.0