User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 08:56:50

Sample: AE10604
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/10/02 08:56 Ended: 5/10/02 08:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		10.0

Comments for Sample AE10604 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-10-2002 Time: 08:57:18

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\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 09:07:12 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 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	5698124	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	22792294	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	12399813	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	18038363	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	14048851	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	9006442	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	633700	8.85	ug/L	0.00
Spiked Amount 10.000			Recovery = 88.50%			
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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 09:07:12 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

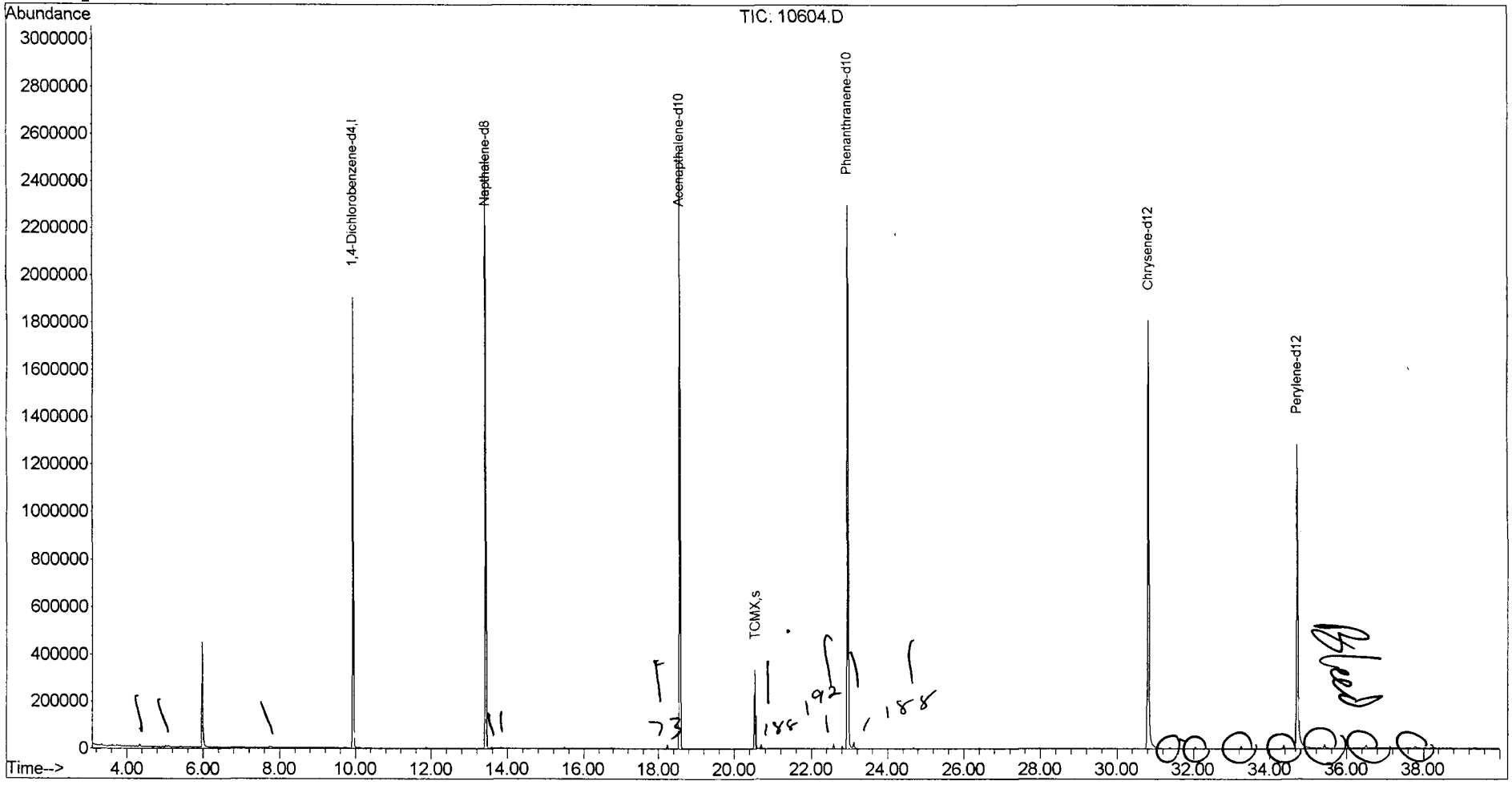
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	25.09	149	20747	N.D.	
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.81	228	36944	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.38	149	22674	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)

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 9 9:07 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D
Acq On : 7 May 2002 7:39 pm
Sample : 5/3 kb
Misc :
MS Integration Params: LSCINT.e

Vial: 9
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

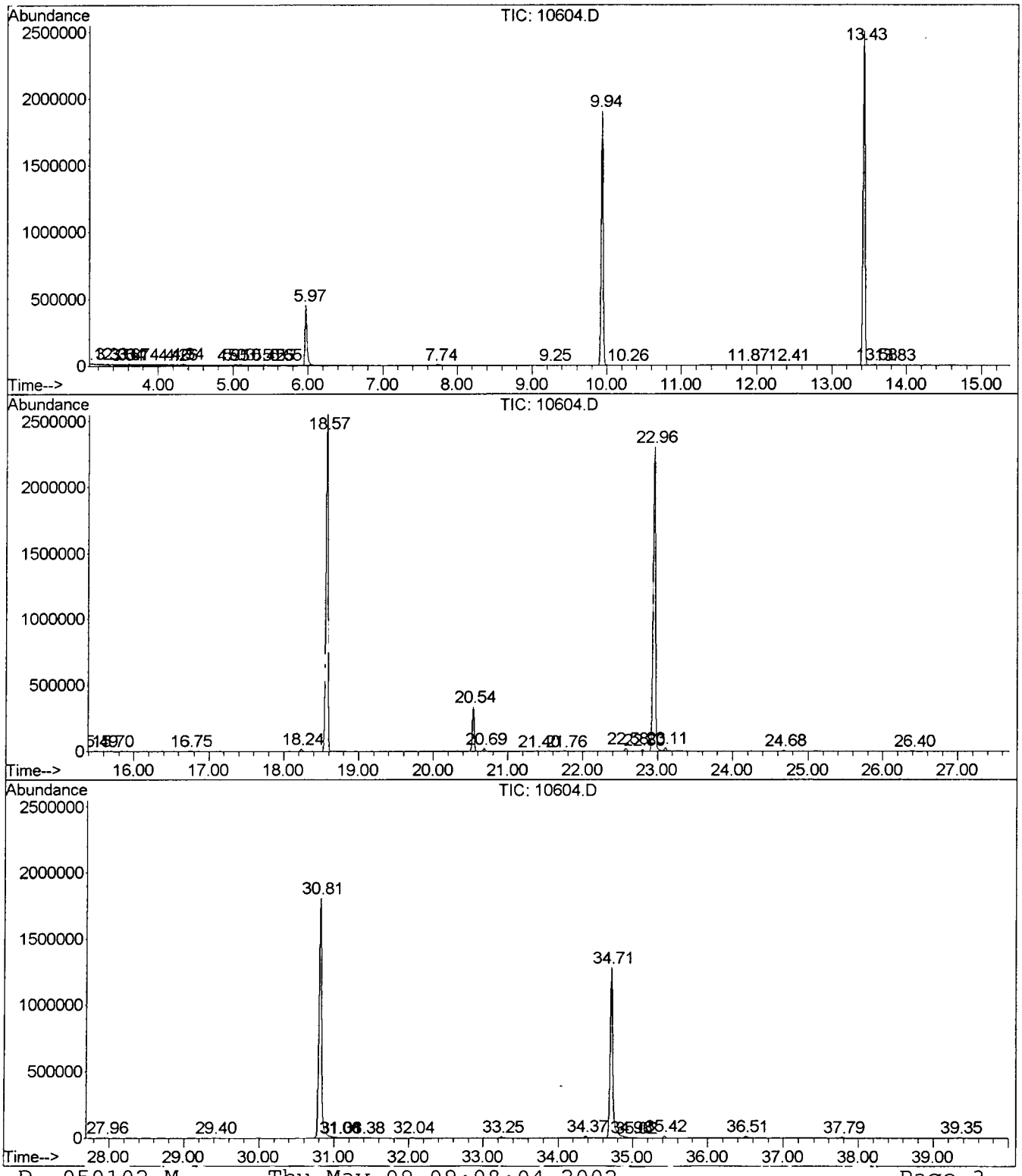
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.120	3	7	19	BV 3	3488	89272	0.18%	0.032%
2	3.332	37	43	48	PV 3	6617	97328	0.19%	0.035%
3	3.537	72	78	85	PV 5	2555	38795	0.08%	0.014%
4	3.614	85	91	97	PV 4	6699	105596	0.21%	0.038%
5	3.743	103	113	126	VV 7	6148	229874	0.45%	0.082%
6	4.166	176	185	187	VV 8	2305	45567	0.09%	0.016%
7	4.254	195	200	205	VV 5	2836	46248	0.09%	0.017%
8	4.336	208	214	223	VV	11430	208878	0.41%	0.075%
9	4.948	314	318	324	PV 6	2467	41069	0.08%	0.015%
10	5.024	324	331	339	VV 3	6639	151524	0.30%	0.054%
11	5.100	339	344	349	VV 6	5723	122959	0.24%	0.044%
12	5.418	393	398	409	VV	3591	76808	0.15%	0.027%
13	5.553	413	421	423	PV 6	1976	45362	0.09%	0.016%
14	5.653	432	438	442	VV 5	2763	62971	0.12%	0.023%
15	5.976	483	493	518	PV	439696	8044743	15.78%	2.878%
16	7.738	788	793	807	PV 2	5482	152856	0.30%	0.055%
17	9.254	1046	1051	1056	PV 2	1639	27966	0.05%	0.010%
18	9.942	1156	1168	1185	BV	1871815	34685884	68.03%	12.407%
19	10.259	1219	1222	1225	VV 4	1436	15752	0.03%	0.006%
20	11.869	1487	1496	1500	PV 5	4161	65056	0.13%	0.023%
21	12.410	1579	1588	1598	PV 4	1707	33611	0.07%	0.012%
22	13.432	1744	1762	1777	PV	2465841	46733174	91.66%	16.717%
23	13.585	1777	1788	1795	VV 2	7499	158811	0.31%	0.057%
24	13.831	1822	1830	1834	PV 5	3739	56053	0.11%	0.020%
25	15.488	2105	2112	2117	PV 2	5163	78741	0.15%	0.028%
26	15.700	2143	2148	2159	PV 3	2392	47275	0.09%	0.017%
27	16.746	2319	2326	2335	VV 4	4627	99568	0.20%	0.036%
28	18.238	2573	2580	2588	VV	18290	294850	0.58%	0.105%
29	18.573	2626	2637	2656	PV	2539572	50987448	100.00%	18.239%
30	20.535	2960	2971	2982	VV	331181	6189635	12.14%	2.214%
31	20.688	2987	2997	3004	VV	19957	338289	0.66%	0.121%
32	21.393	3109	3117	3127	VV 4	1694	37010	0.07%	0.013%
33	21.763	3174	3180	3187	PV 5	1720	31650	0.06%	0.011%
34	22.580	3312	3319	3326	VV 3	20877	392744	0.77%	0.140%
35	22.803	3350	3357	3366	PV 2	12571	208119	0.41%	0.074%
36	22.956	3370	3383	3402	PV 2	2272653	49329192	96.75%	17.645%
37	23.109	3402	3409	3420	VV	25507	567558	1.11%	0.203%

38	24.684	3670	3677	3685	VV		6629	128898	0.25%	0.046%
39	26.405	3963	3970	3983	PV	3	4153	93405	0.18%	0.033%
40	27.962	4225	4235	4246	PV	3	3073	72426	0.14%	0.026%
41	29.402	4474	4480	4486	PV	4	3436	62442	0.12%	0.022%
42	30.812	4705	4720	4761	PV	2	1794863	43983696	86.26%	15.733%
43	31.059	4761	4762	4764	VV		4072	43537	0.09%	0.016%
44	31.076	4764	4765	4767	VV	2	3736	38086	0.07%	0.014%
45	31.382	4810	4817	4822	PV	7	4183	79164	0.16%	0.028%
46	32.046	4920	4930	4946	PV	2	7140	144739	0.28%	0.052%
47	33.244	5126	5134	5146	PV	3	11321	227984	0.45%	0.082%
48	34.367	5313	5325	5337	PV	2	13736	302270	0.59%	0.108%
49	34.713	5366	5384	5425	VV	2	1285474	33157932	65.03%	11.861%
50	34.960	5425	5426	5435	VV	6	6256	178387	0.35%	0.064%
51	35.025	5435	5437	5438	VV	2	3673	37273	0.07%	0.013%
52	35.424	5494	5505	5515	PV	2	16413	326750	0.64%	0.117%
53	36.505	5676	5689	5699	BV	4	12579	324725	0.64%	0.116%
54	37.786	5896	5907	5918	VV	6	7302	215979	0.42%	0.077%
55	39.349	6158	6173	6187	VV	10	4563	203424	0.40%	0.073%

Sum of corrected areas: 279559350

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050702\10604.D
Operator : Mclean
Acquired : 7 May 2002 7:39 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/3 kb
Misc Info :
Vial Number: 9
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

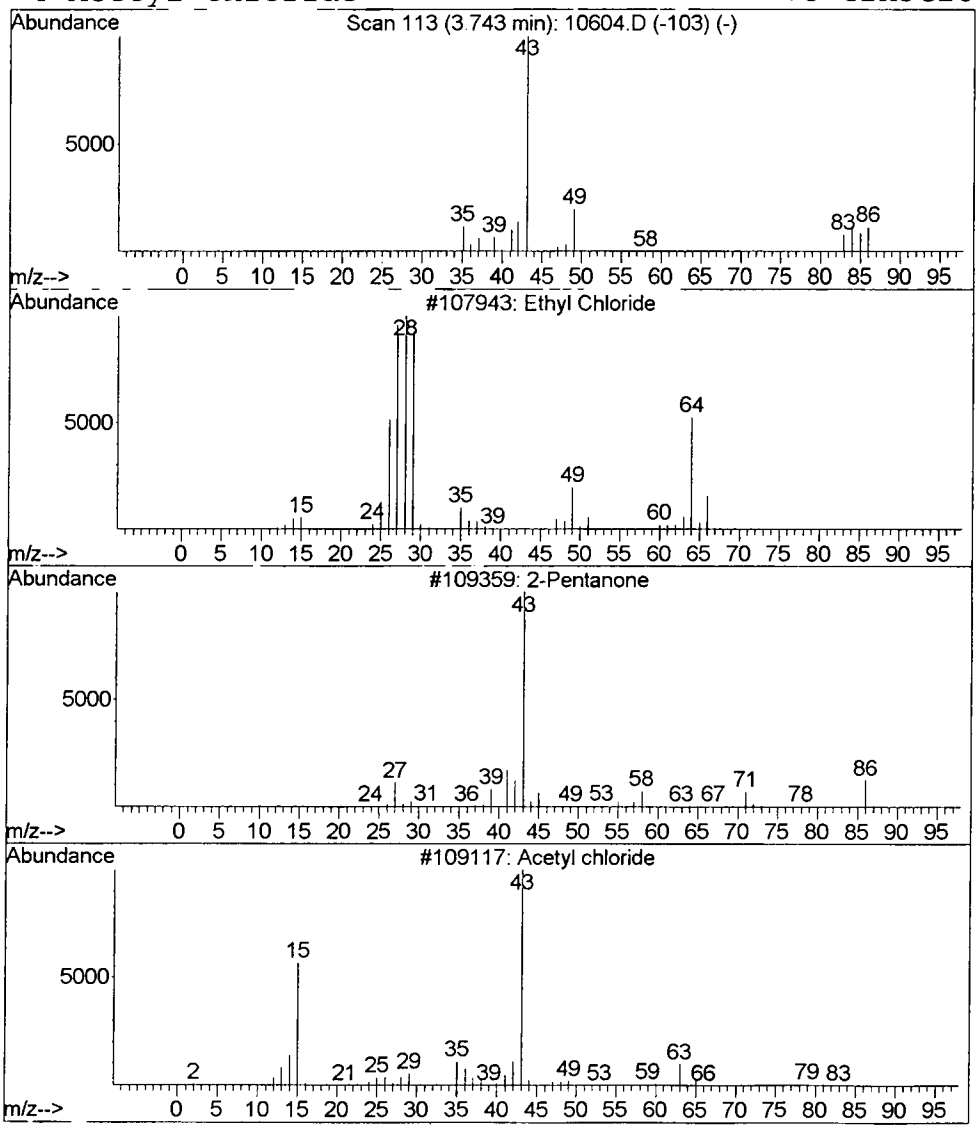
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

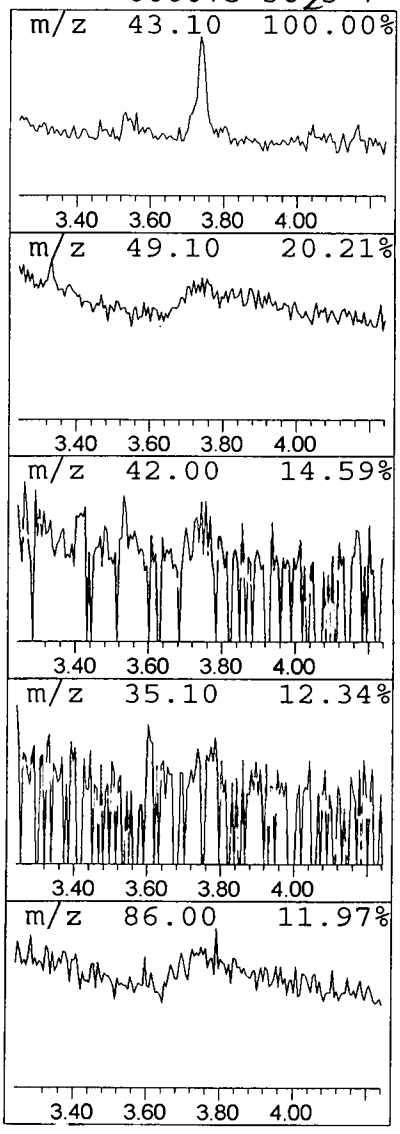
****

Peak Number 1 Ethyl Chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	0.27 ug/L	229874	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	28
2	2-Pentanone	86	C5H10O	000107-87-9	9
3	Acetyl chloride	78	C2H3ClO	000075-36-5	8
4	Acetyl chloride	78	C2H3ClO	000075-36-5	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D
Acq On : 7 May 2002 7:39 pm
Sample : 5/3 kb
Misc :
MS Integration Params: LSCINT.e

Vial: 9
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

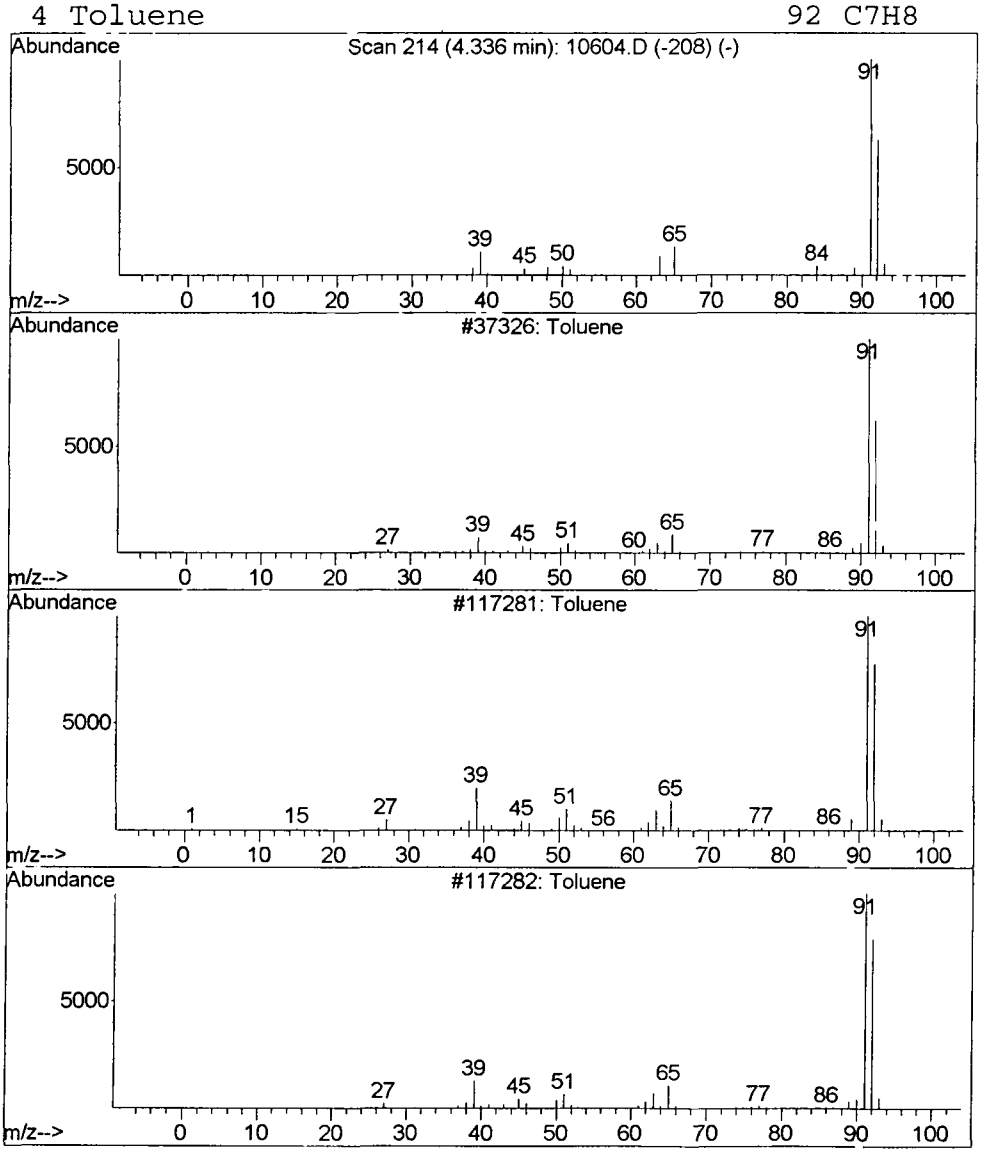
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

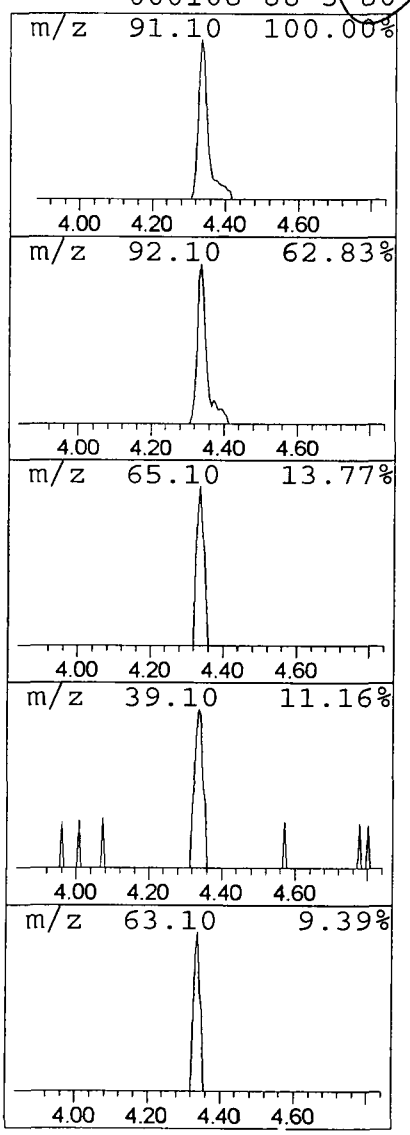
****

Peak Number 2 Toluene — Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	0.24 ug/L	208878	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	86
2	Toluene	92	C7H8	000108-88-3	86
3	Toluene	92	C7H8	000108-88-3	80
4	Toluene	92	C7H8	000108-88-3	80





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

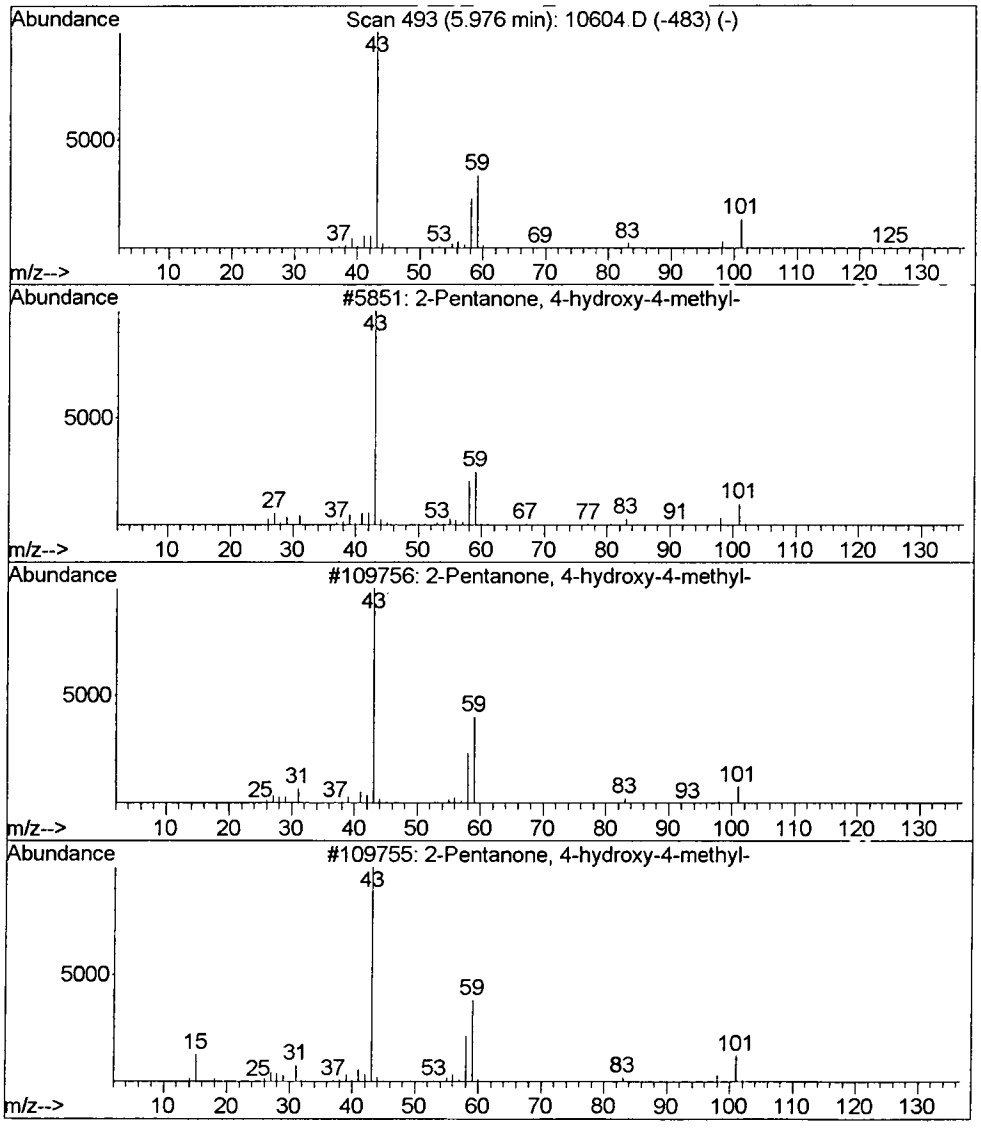
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

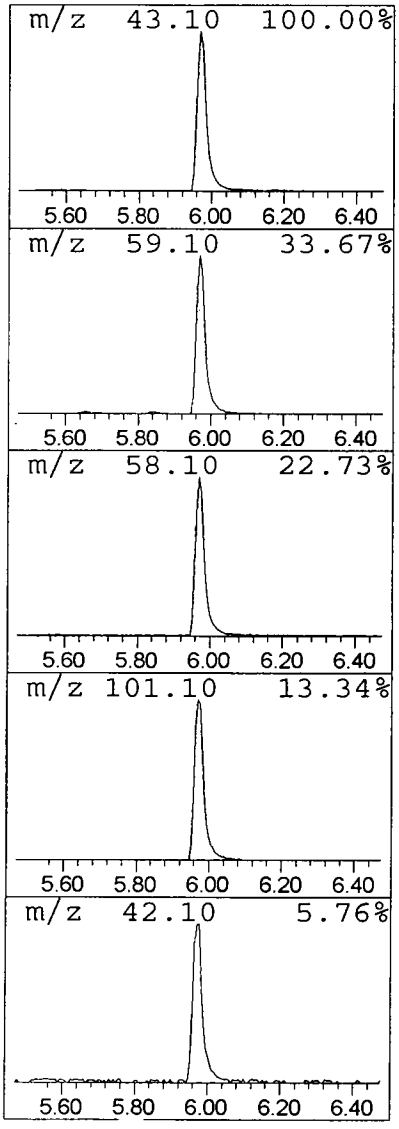
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	9.28 ug/L	8044740	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	83
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	78
4	Acetone	58	C3H6O	000067-64-1	32





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

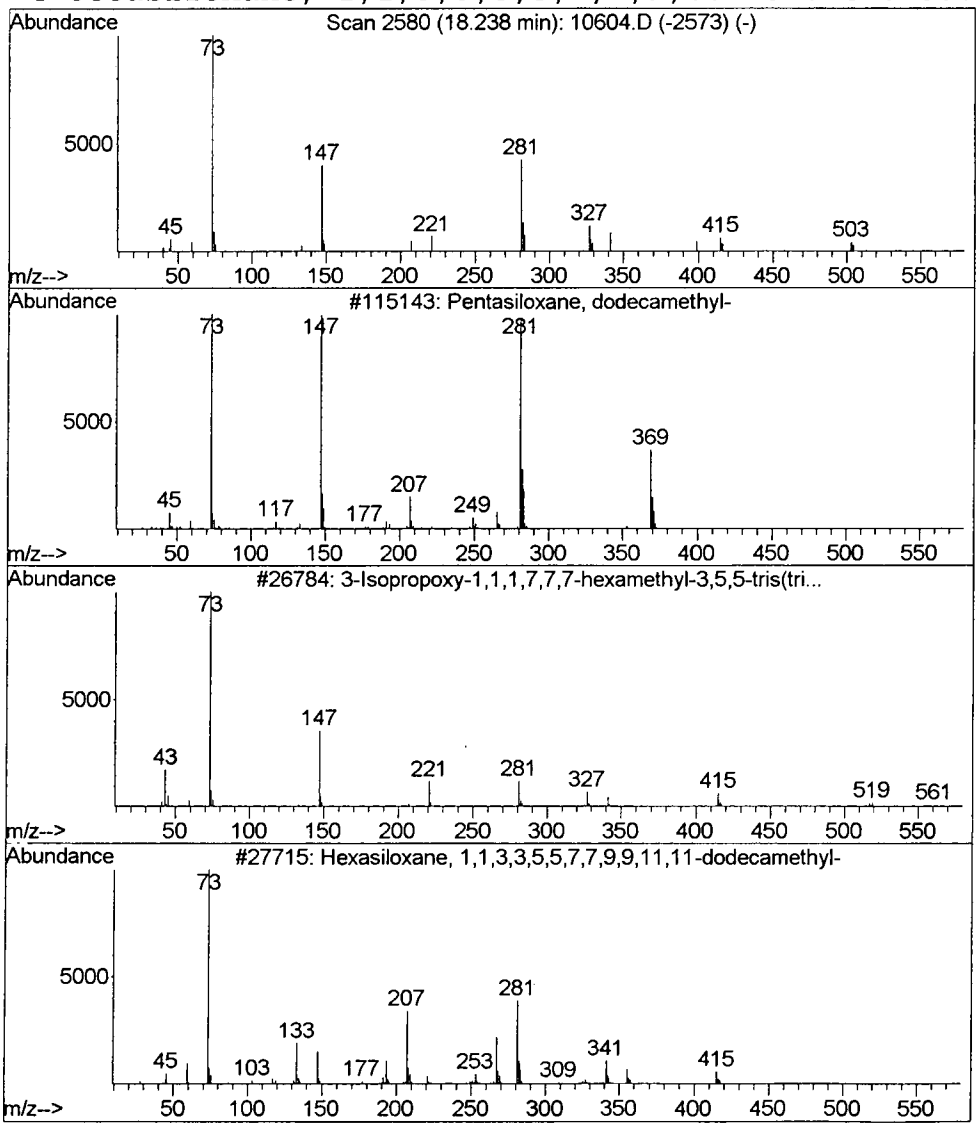
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

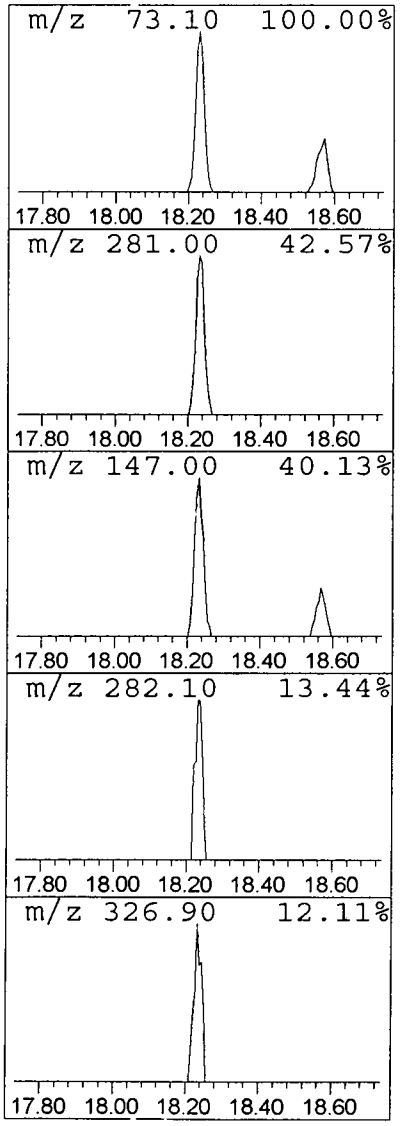
****

Peak Number 4 Pentasiloxane, dodecamethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	0.23 ug/L	294850	Acenapthalene-d10	18.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	45
2	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	42
3	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	40
4	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	39





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

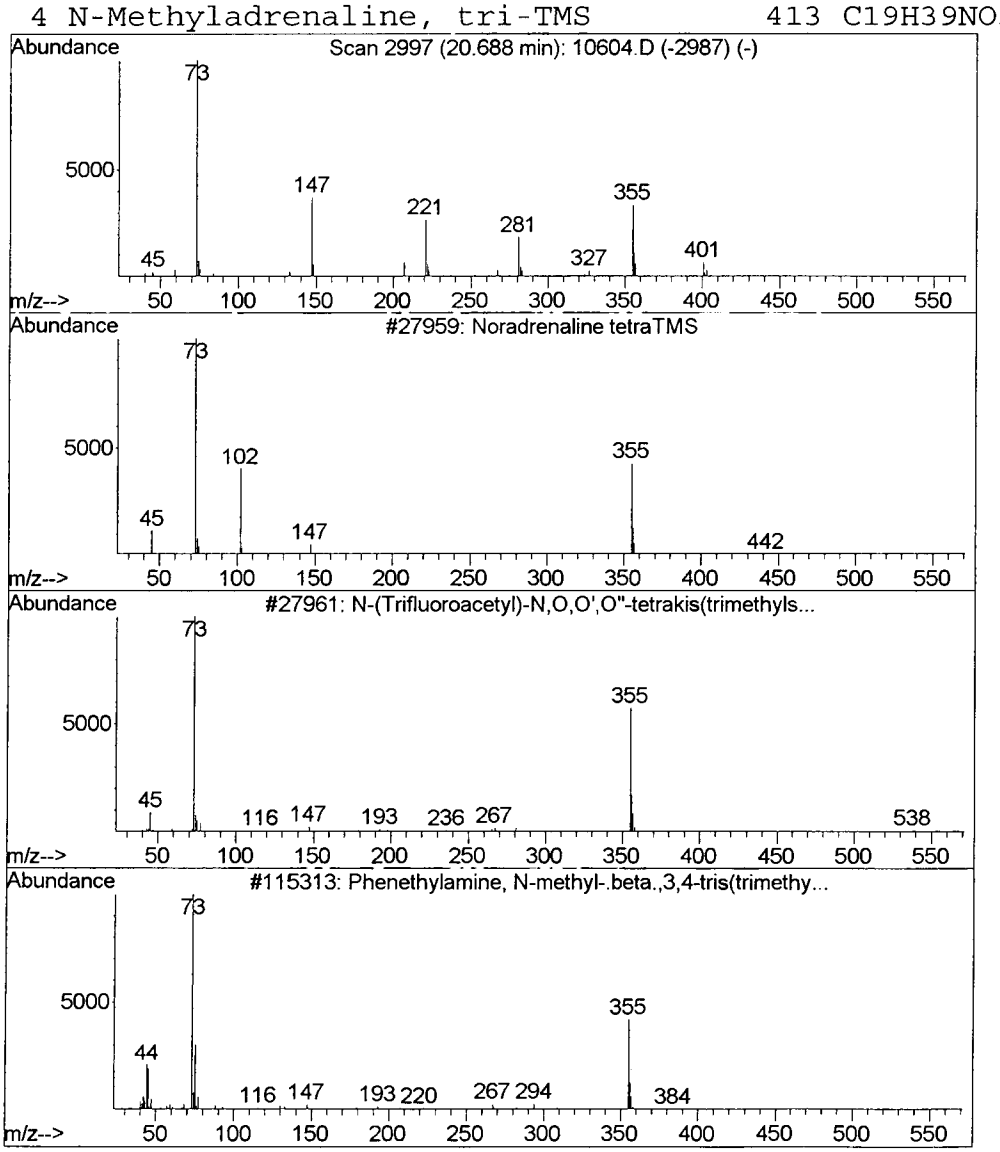
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

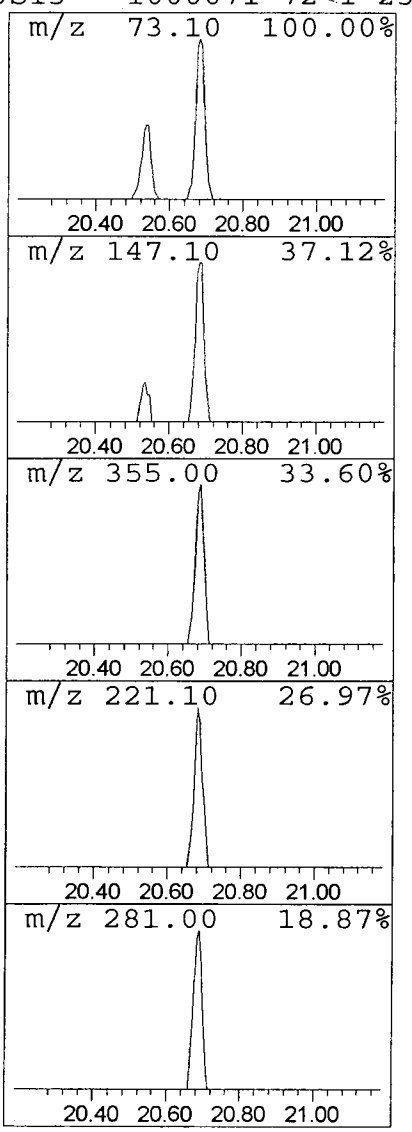
****

Peak Number 5 Noradrenaline tetraTMS Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	0.27 ug/L	338289	Acenapthalene-d10	18.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	32
2	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	1000072-26-7	23
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	23
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	1000071-72-1	23





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

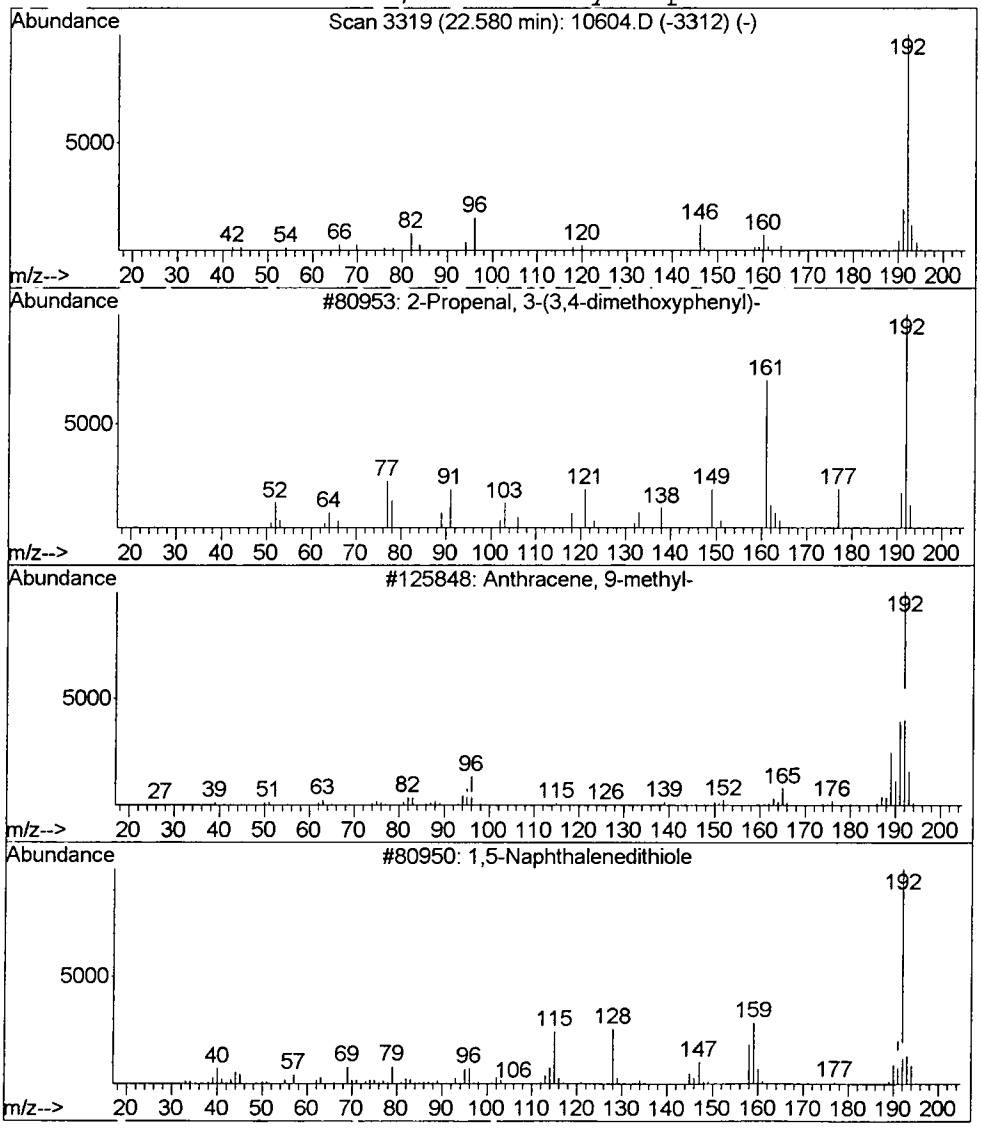
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

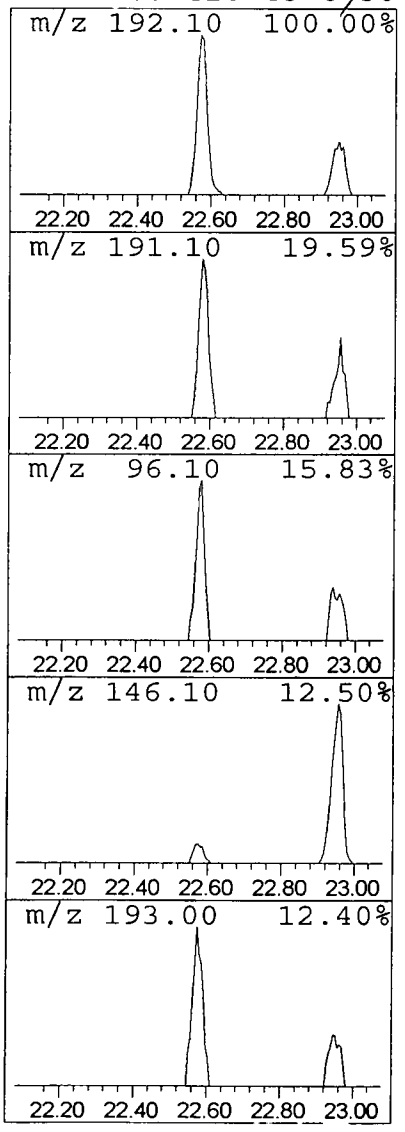
****

Peak Number 6 2-Propenal, 3-(3,4-dimethox... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.32 ug/L	392744	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	45
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
3	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	38
4	2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

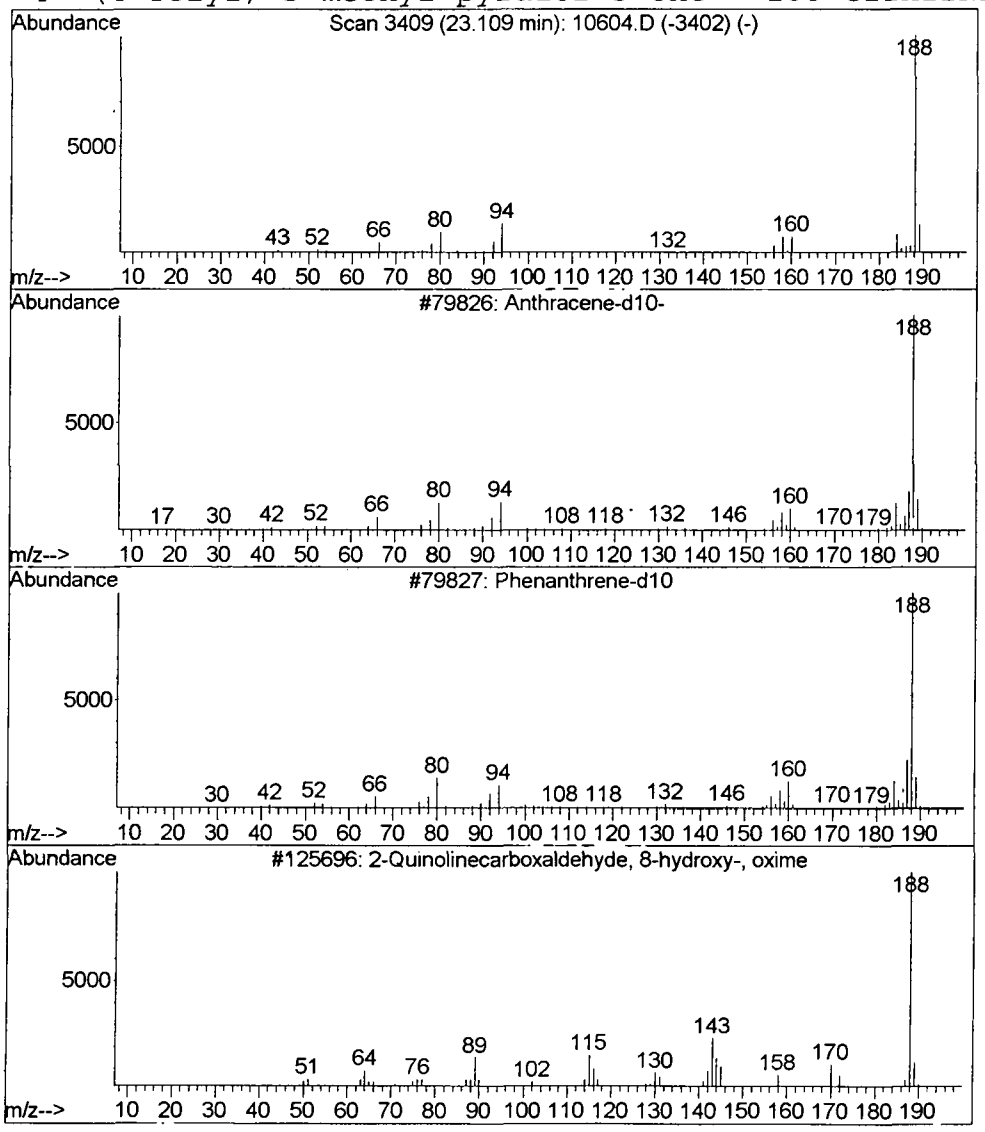
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

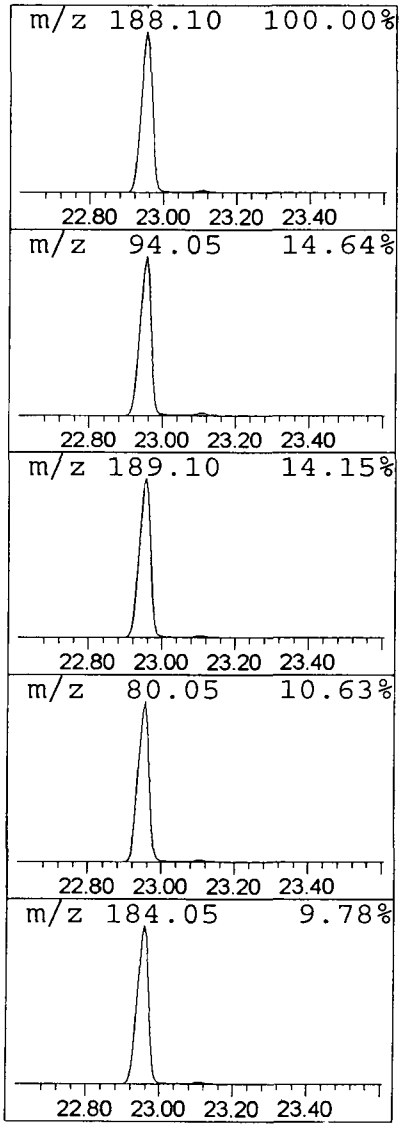
****

Peak Number 7 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.46 ug/L	567558	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	87
3	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

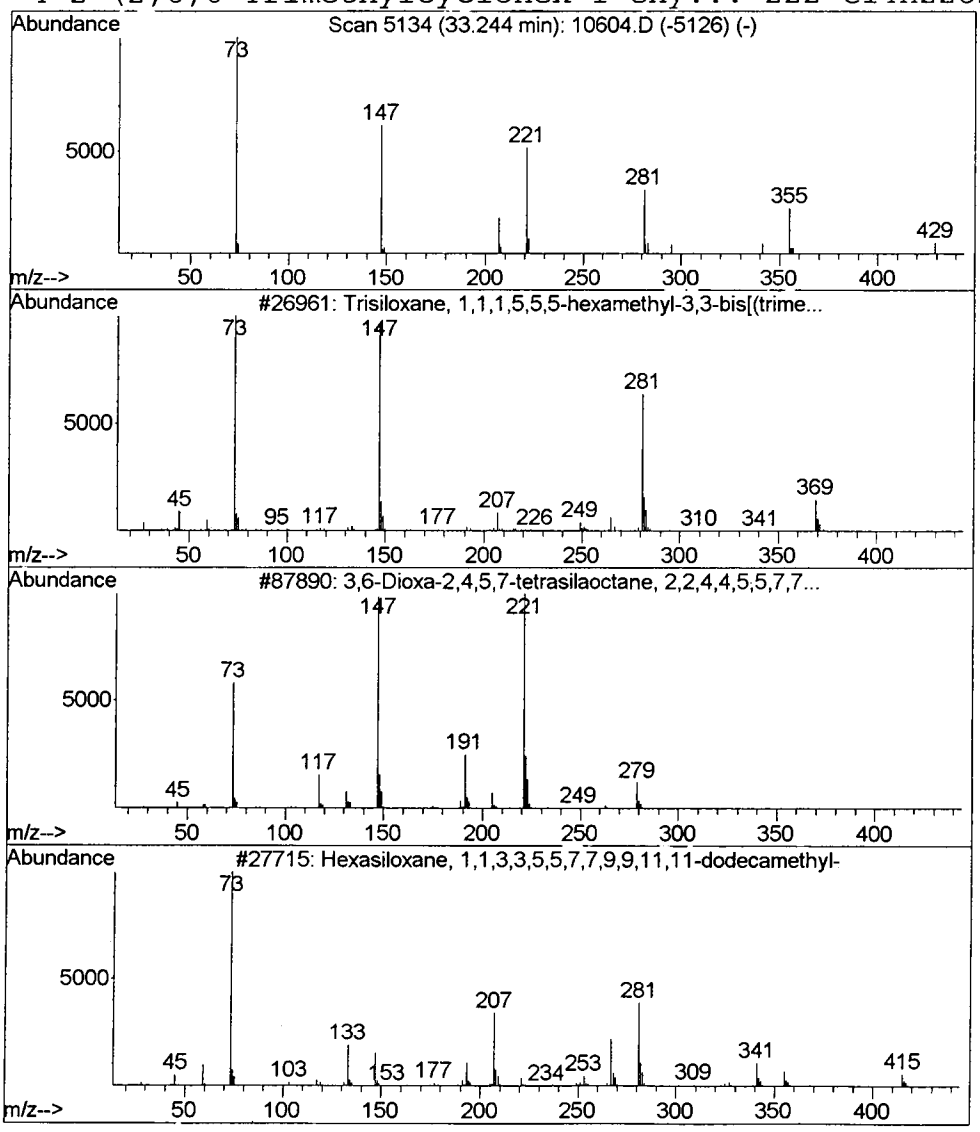
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

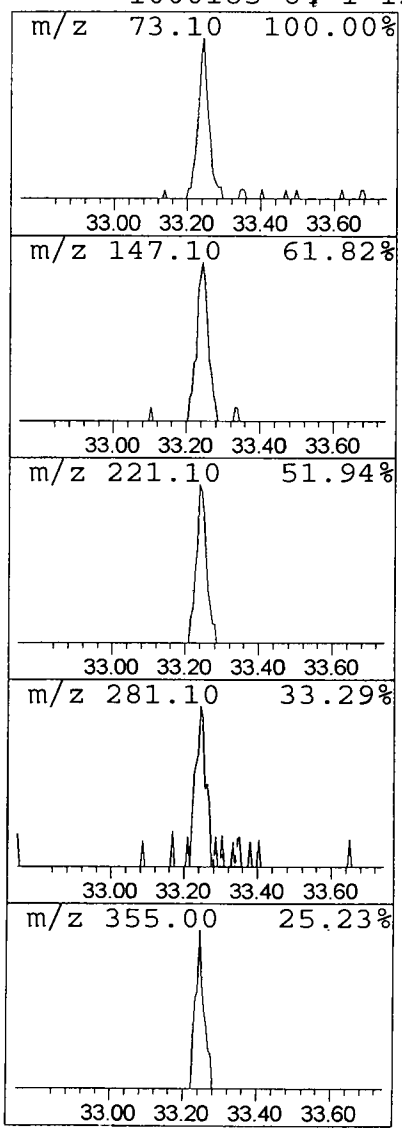
****

Peak Number 8 Trisiloxane, 1,1,1,5,5,5-he... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.25	0.28 ug/L	227984	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	25
3	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	16
4	2-(2,6,6-Trimethylcyclohex-1-eny...	222	C14H22O2	1000185-64-1	12





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D
Acq On : 7 May 2002 7:39 pm
Sample : 5/3 kb
Misc :
MS Integration Params: LSCINT.e

Vial: 9
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

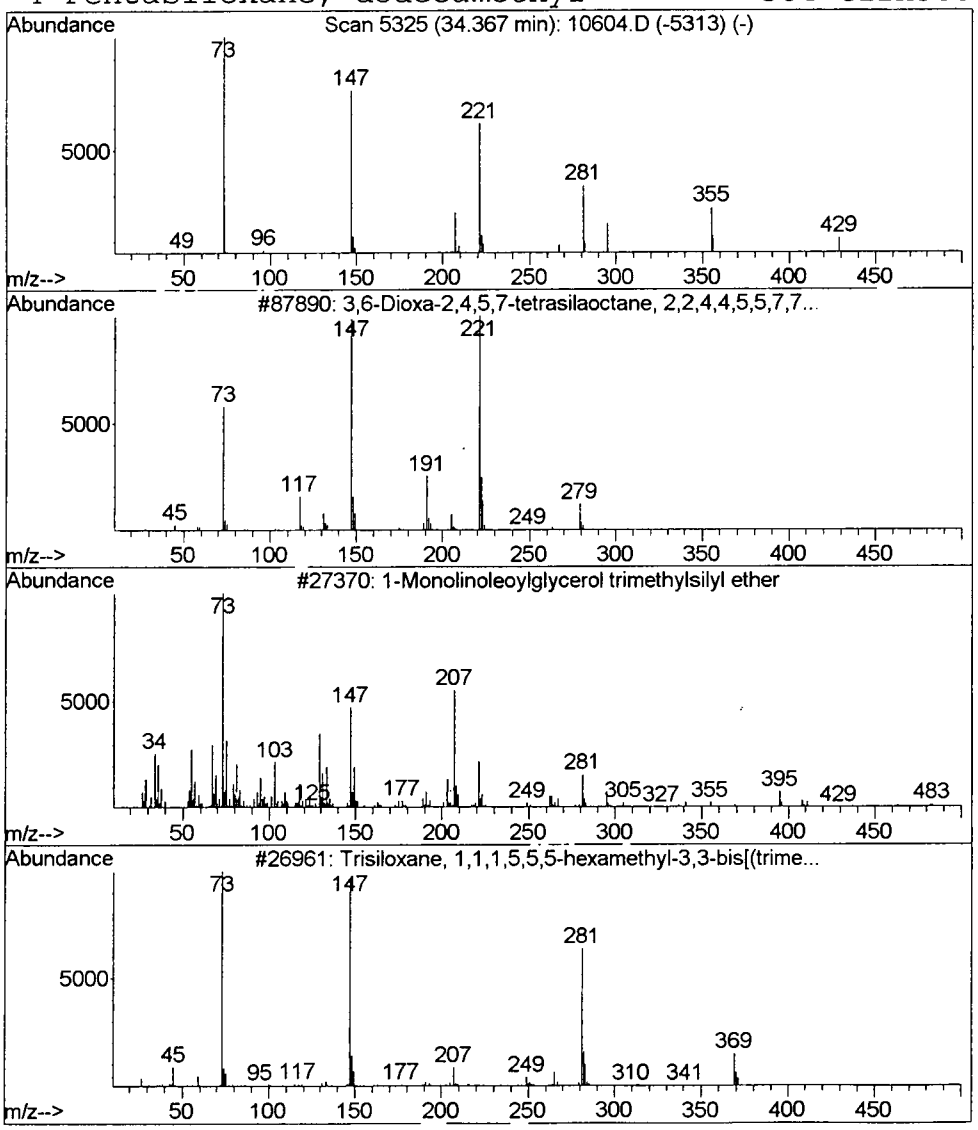
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

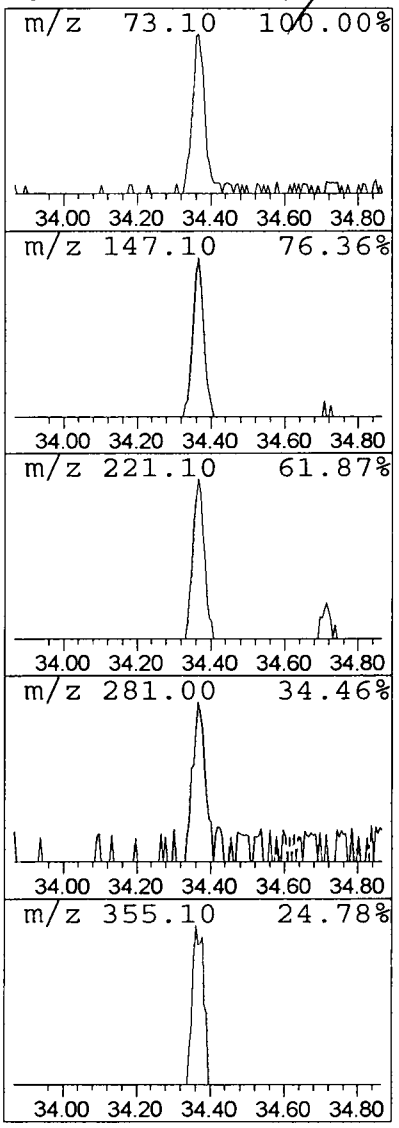
****

Peak Number 9 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.37	0.36 ug/L	302270	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	43
2	1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	40
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	38
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

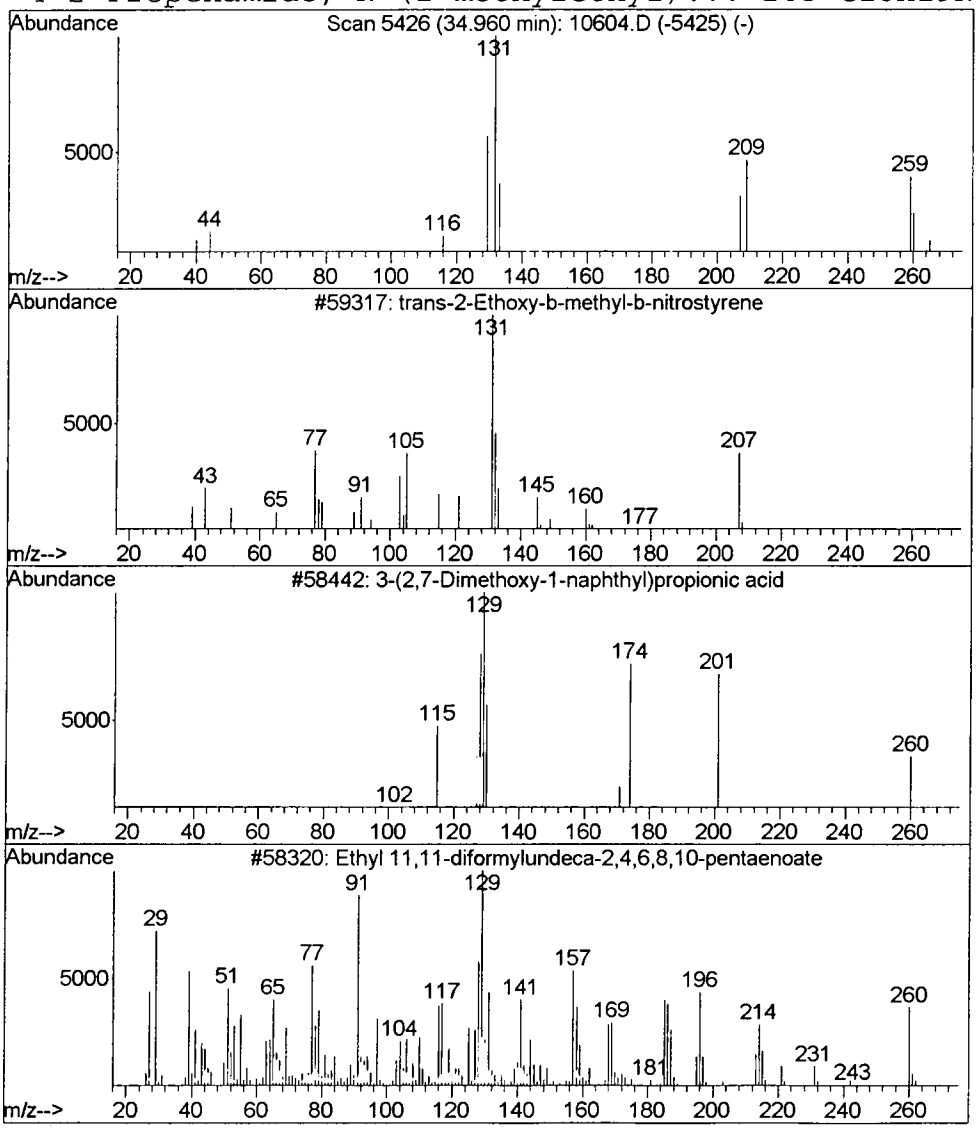
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

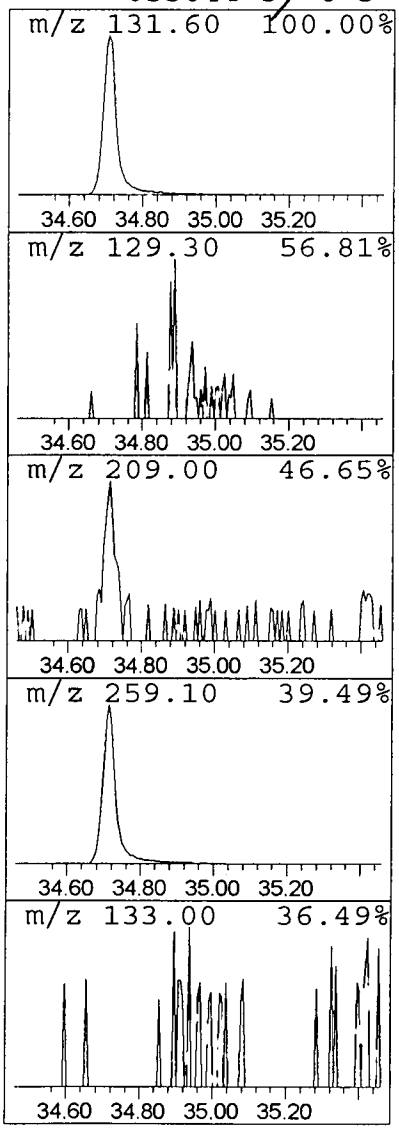
****

Peak Number 10 trans-2-Ethoxy-b-methyl-b-n... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.96	0.22 ug/L	178387	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Ethoxy-b-methyl-b-nitros...	207	C11H13NO3	134040-21-4	9
2	3-(2,7-Dimethoxy-1-naphthyl)prop...	260	C15H16O4	032834-63-2	5
3	Ethyl 11,11-diformylundeca-2,4,6...	260	C15H16O4	098834-96-9	5
4	2-Propenamide, N-(1-methylethyl)...	265	C18H19NO	055044-37-6	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

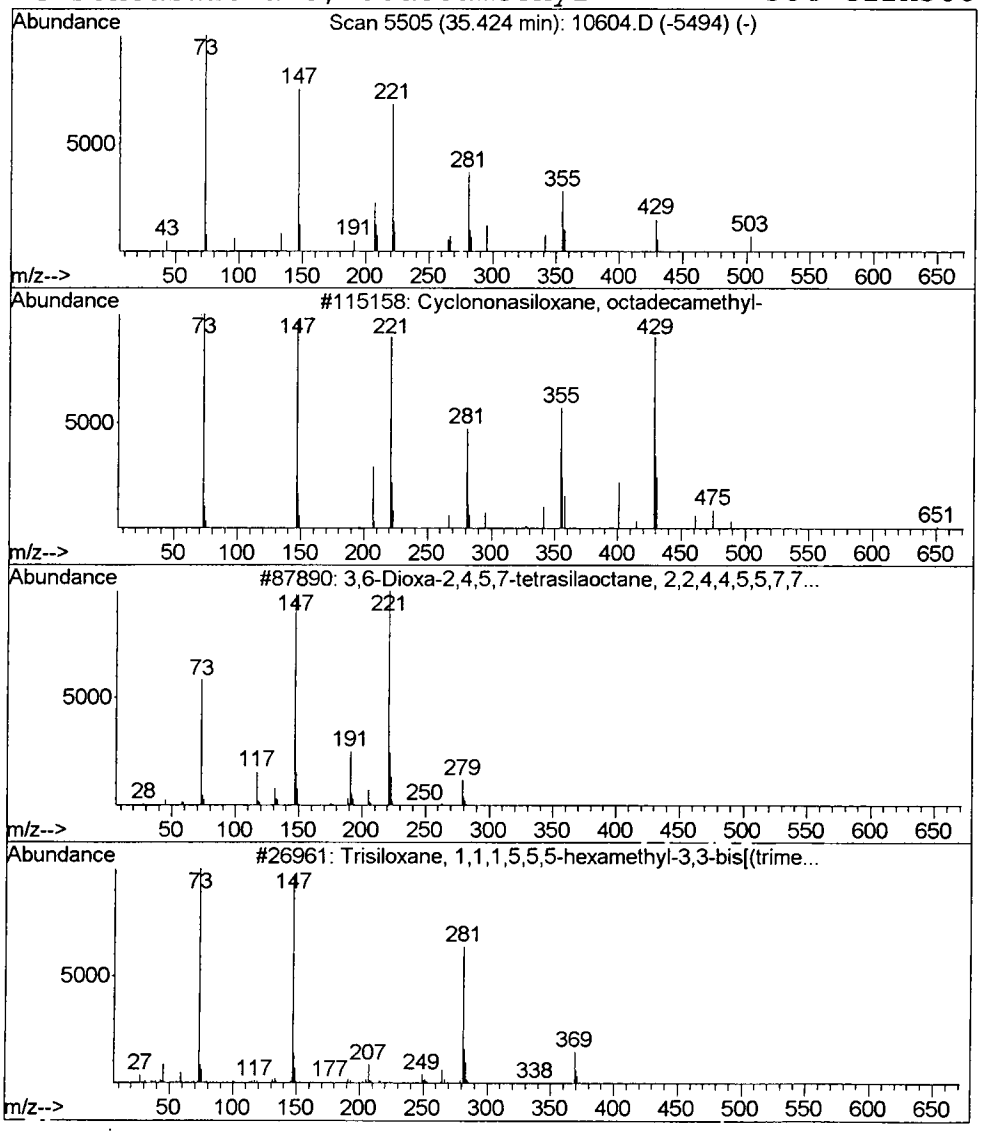
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

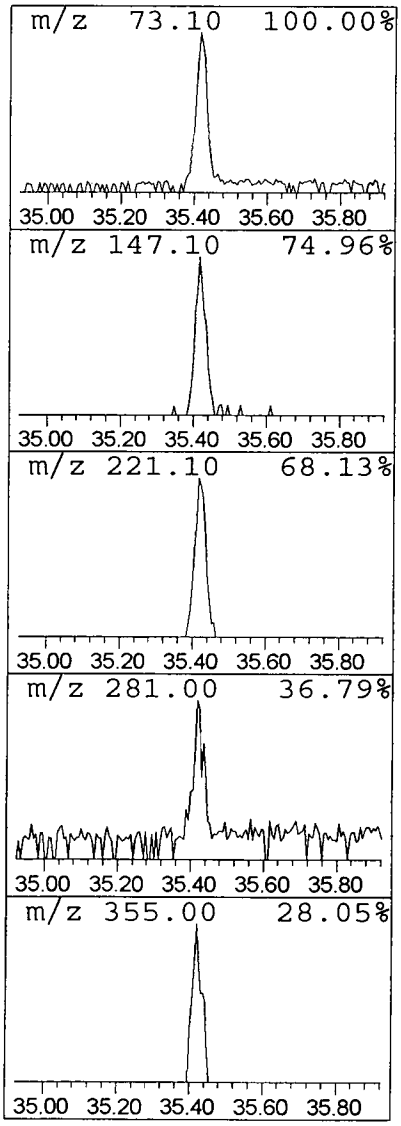
****

Peak Number 11 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.42	0.39 ug/L	326750	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	90
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	35
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	35





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

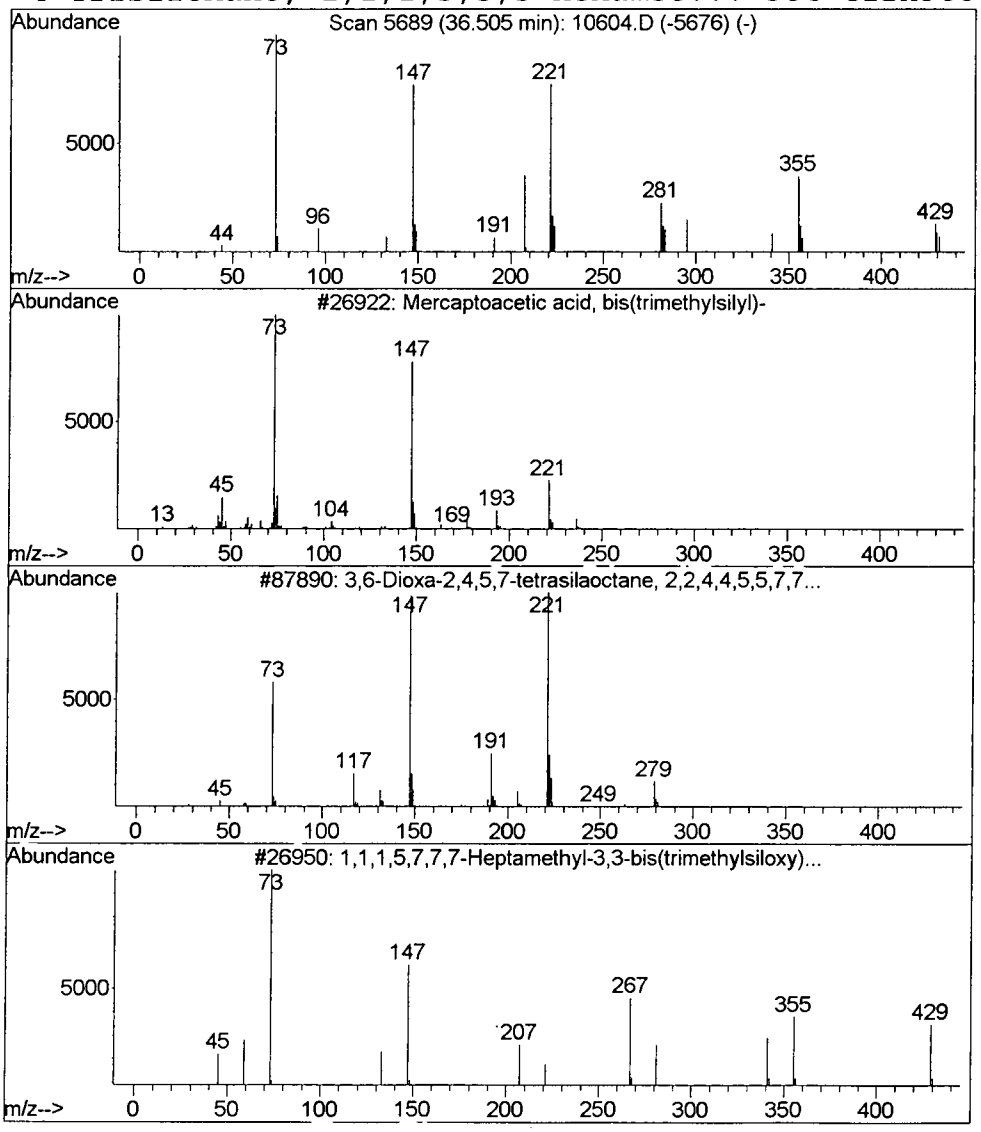
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

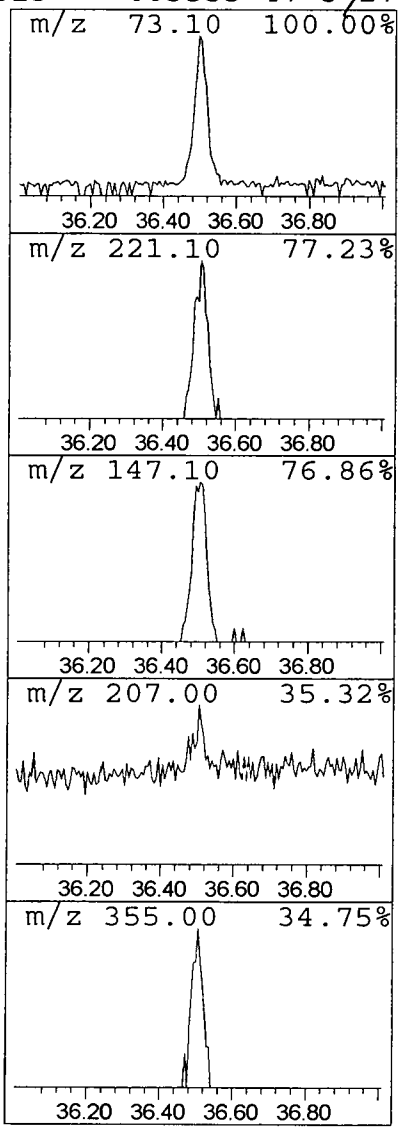
****

Peak Number 12 Mercaptoacetic acid, bis(tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.51	0.39 ug/L	324725	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	47
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	28
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

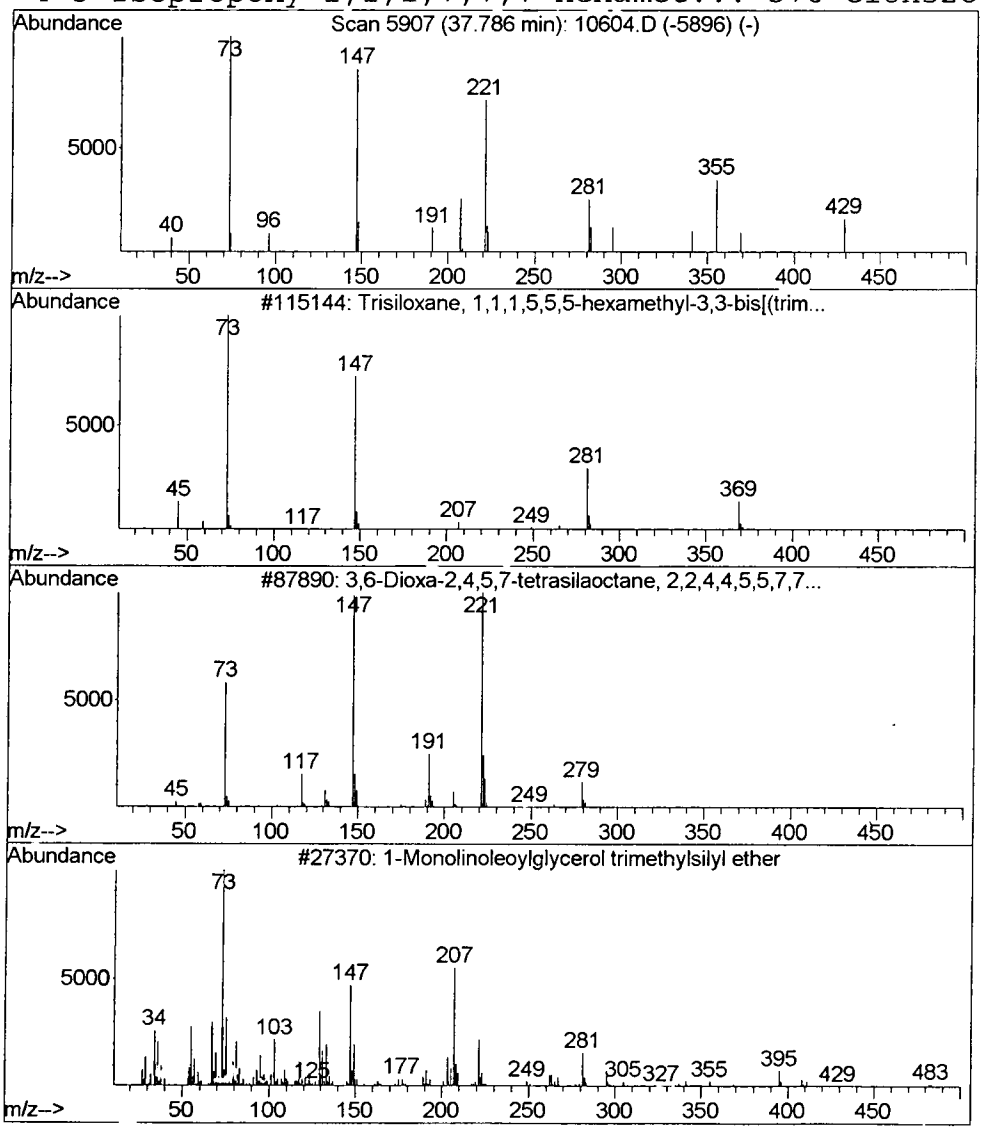
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

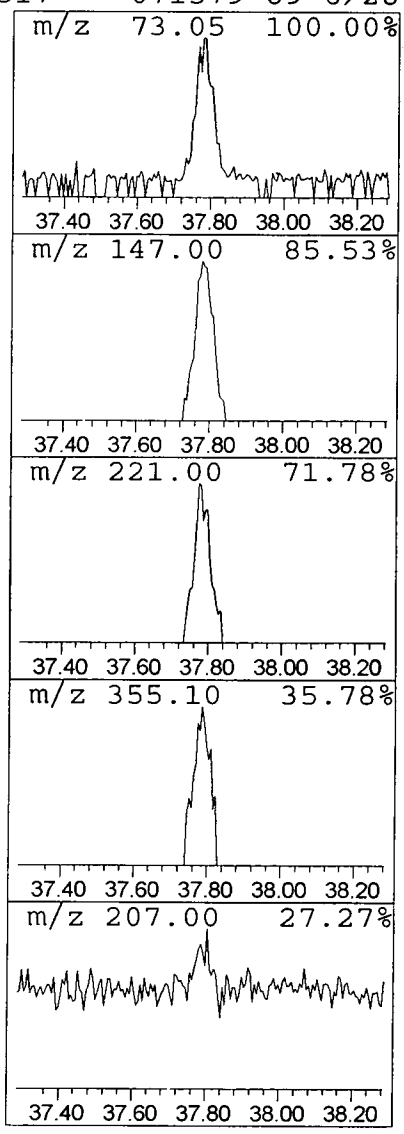
****

Peak Number 13 Trisiloxane, 1,1,1,5,5,5-he... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.79	0.26 ug/L	215979	Perylene-d12	34.71

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	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
3	1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	33
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	28





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050702\10604.D Vial: 9
Acq On : 7 May 2002 7:39 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

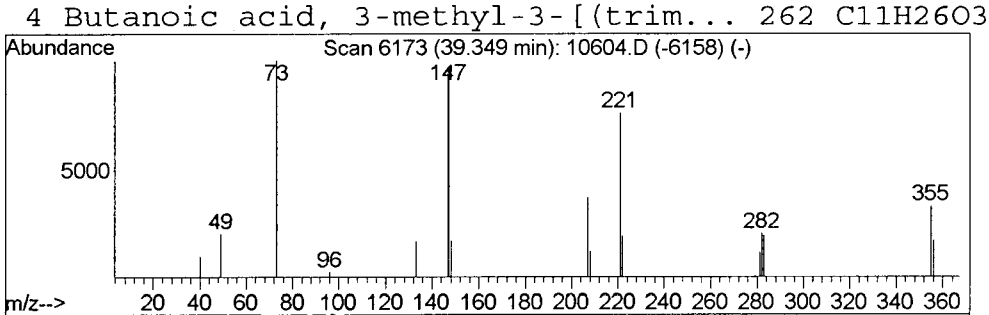
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

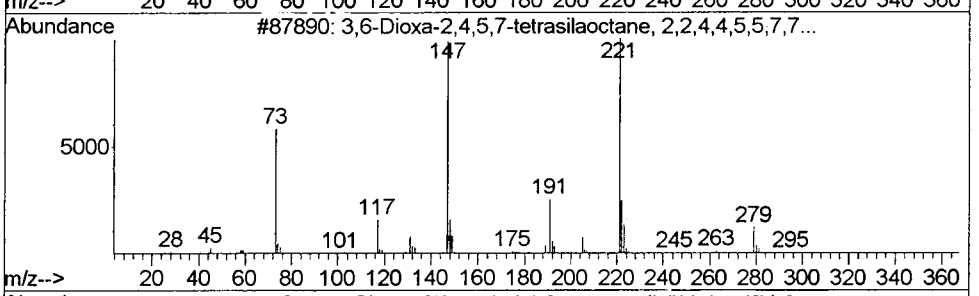
****

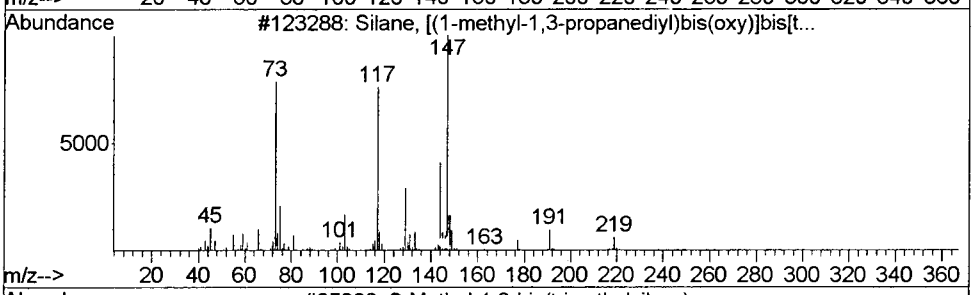
Peak Number 14 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 11

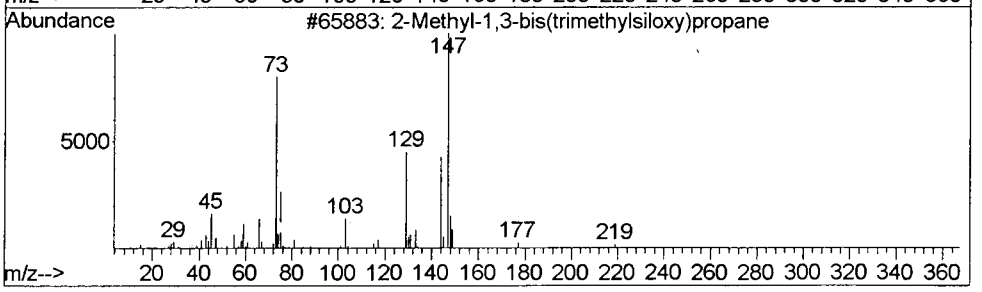
R.T.	EstConc	Area	Relative to ISTD	R.T.
39.35	0.25 ug/L	203424	Perylene-d12	34.71

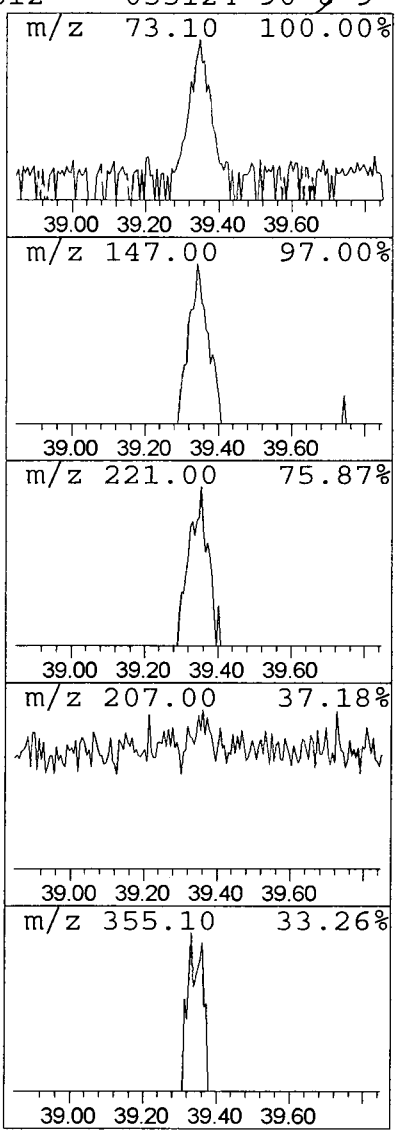
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	23
2	Silane, [(1-methyl-1,3-propanedi...	234	C10H26O2Si2	056771-47-2	9
3	2-Methyl-1,3-bis(trimethylsiloxy...	234	C10H26O2Si2	033581-79-2	9
4	Butanoic acid, 3-methyl-3-[(trim...	262	C11H26O3Si2	055124-90-8	9











Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 7 May 2002 7:39 pm
Data File: C:\MSDCHEM\1\DATA\050702\10604.D
Name: 5/3 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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Ethyl Chloride	3.74	0.3	ug/L	229874	1	9.94	34685900	40.0
Toluene	4.34	0.2	ug/L	208878	1	9.94	34685900	40.0
2-Pentanone, 4-hy...	5.97	9.3	ug/L	8044740	1	9.94	34685900	40.0
Pentasiloxane, do...	18.24	0.2	ug/L	294850	3	18.57	50987400	40.0
Noradrenaline tet...	20.69	0.3	ug/L	338289	3	18.57	50987400	40.0
2-Propenal, 3-(3,...	22.58	0.3	ug/L	392744	4	22.96	49329200	40.0
Anthracene-d10-	23.11	0.5	ug/L	567558	4	22.96	49329200	40.0
Trisiloxane, 1,1,...	33.25	0.3	ug/L	227984	6	34.71	33157900	40.0
3,6-Dioxa-2,4,5,7...	34.37	0.4	ug/L	302270	6	34.71	33157900	40.0
trans-2-Ethoxy-b-...	34.96	0.2	ug/L	178387	6	34.71	33157900	40.0
Cyclononasiloxane...	35.42	0.4	ug/L	326750	6	34.71	33157900	40.0
Mercaptoacetic ac...	36.51	0.4	ug/L	324725	6	34.71	33157900	40.0
Trisiloxane, 1,1,...	37.79	0.3	ug/L	215979	6	34.71	33157900	40.0
3,6-Dioxa-2,4,5,7...	39.35	0.2	ug/L	203424	6	34.71	33157900	40.0