User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 12:36:35

Sample: AE11380
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/22/02 12:35 Ended: 5/22/02 12:35 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		10.0

Comments for Sample AE11380 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-22-2002 Time: 12:36:59

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 3 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051702\11380.D Vial: 7
Acq On : 17 May 2002 5:40 pm Operator: Mclean
Sample : 5/15 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 20 15:45:14 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 13 11:40:29 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	6013568	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	23668314	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	12780095	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	18274181	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	12969095	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	7755494	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	2701758	34.82	ug/L	0.00
Spiked Amount 40.000			Recovery = 87.05%			
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	12.95	93	2813	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	20.55	77	47032	N.D.		
30) Nnitrosodiphenylamine	20.55	169	51338	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	19554	N.D.		

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

Quantitation Report (QT Reviewed)

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Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

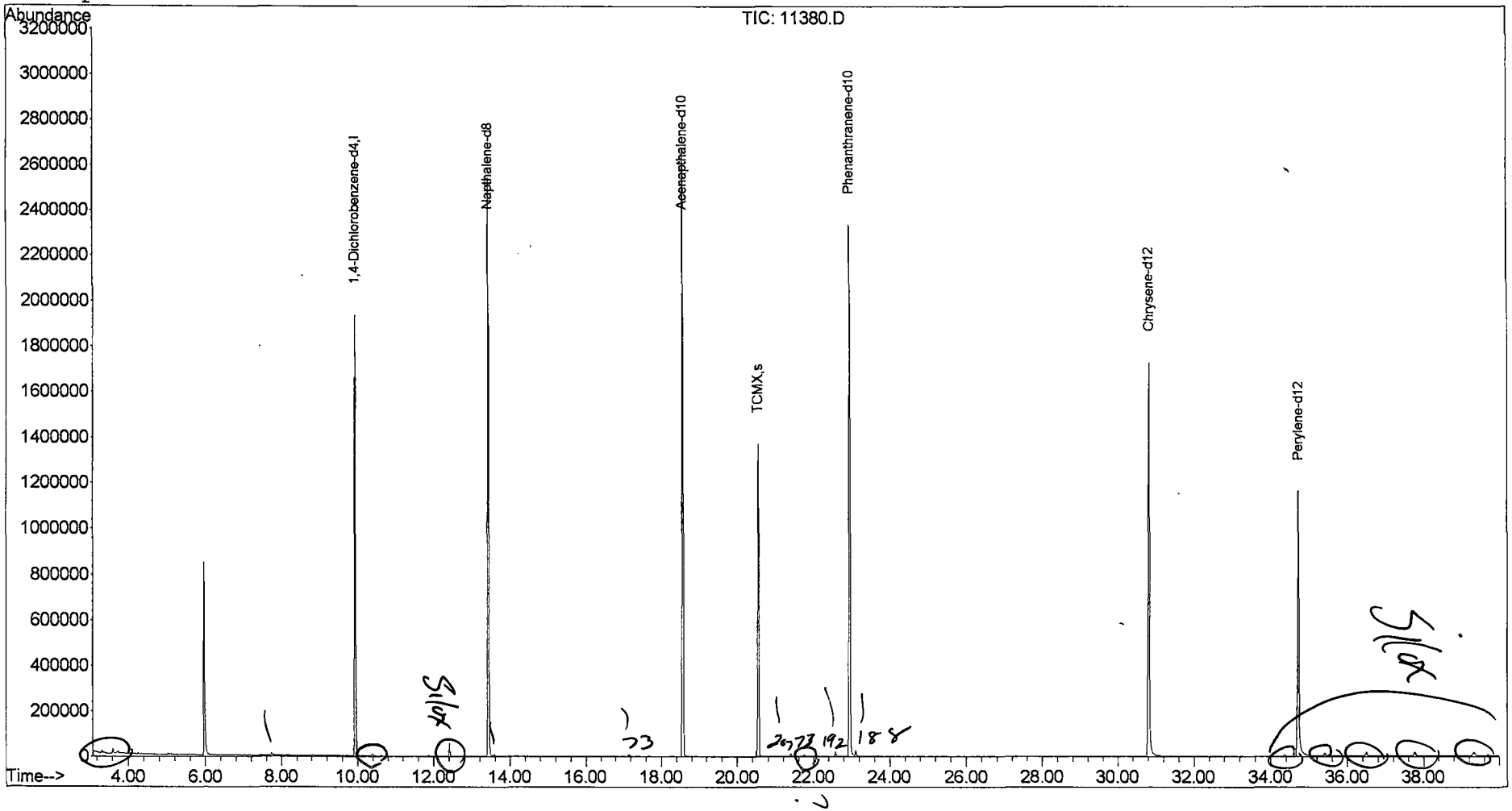
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.81	228	32029	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	0.00	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

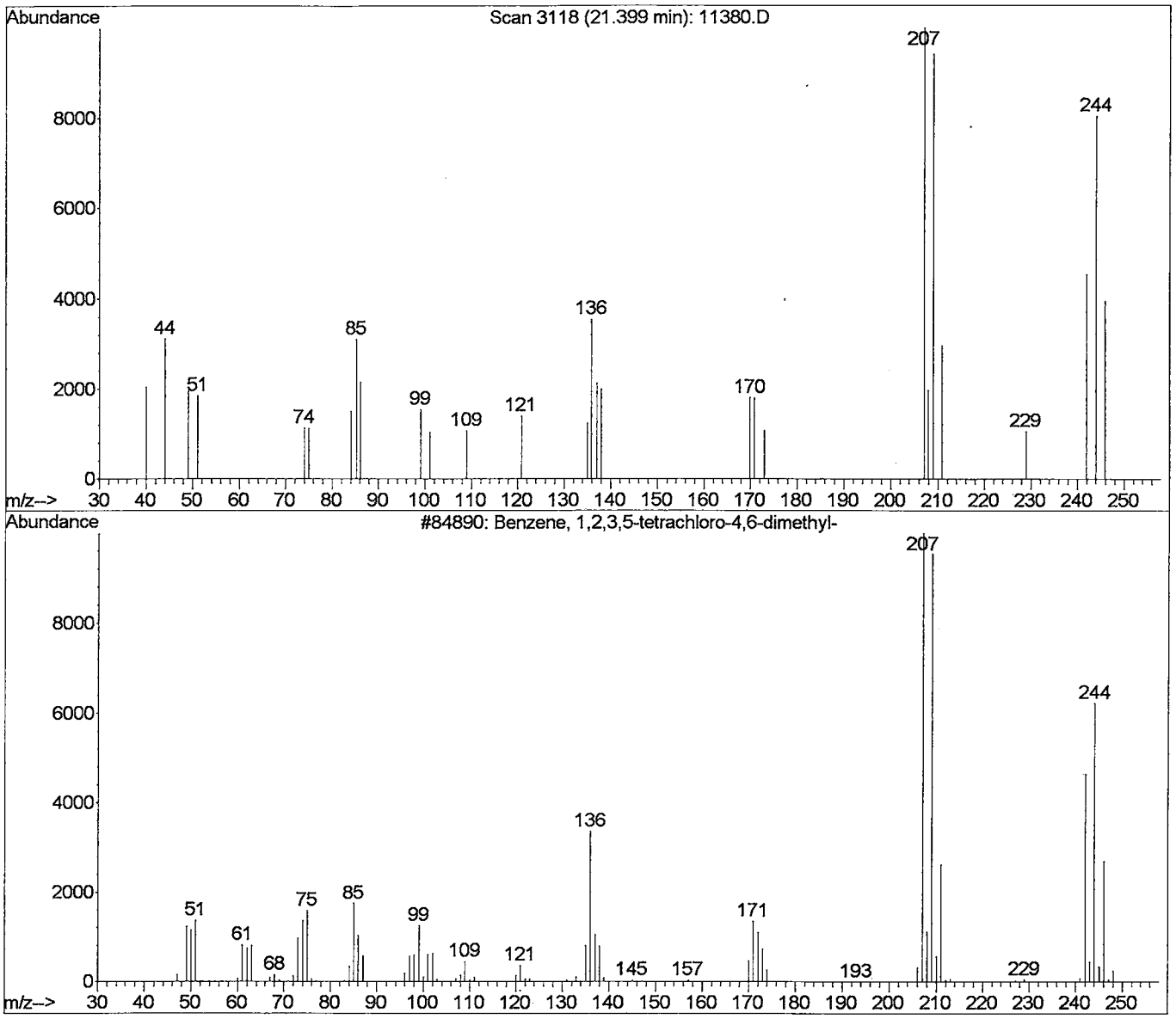
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051702\11380.D Vial: 7
Acq On : 17 May 2002 5:40 pm Operator: Mclean
Sample : 5/15 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 20 15:45 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



Library Searched : C:\Database\NIST98.L
Quality : 70
ID : Benzene, 1,2,3,5-tetrachloro-4,6-dimethyl-



Library Searched : C:\Database\NIST98.L
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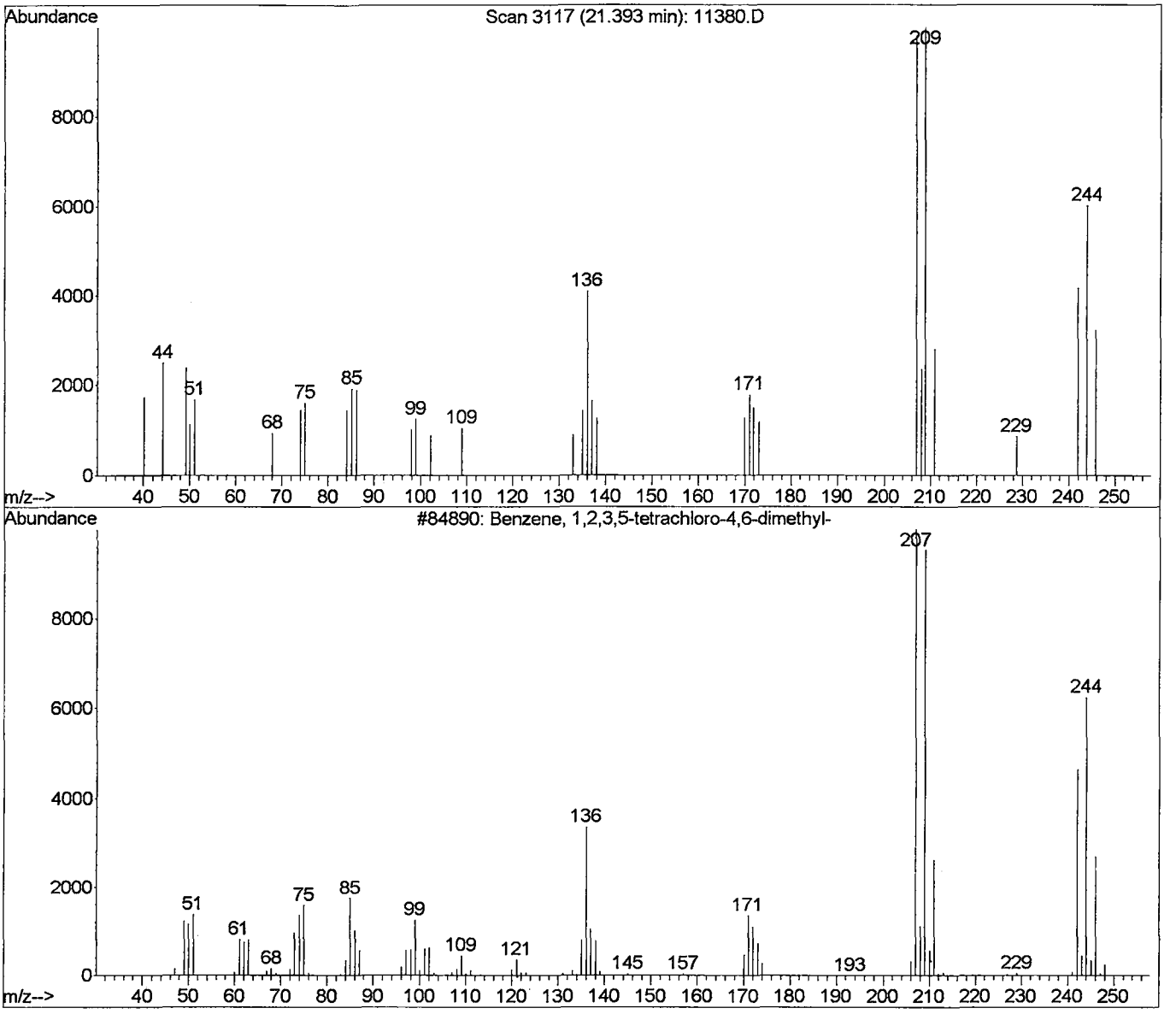
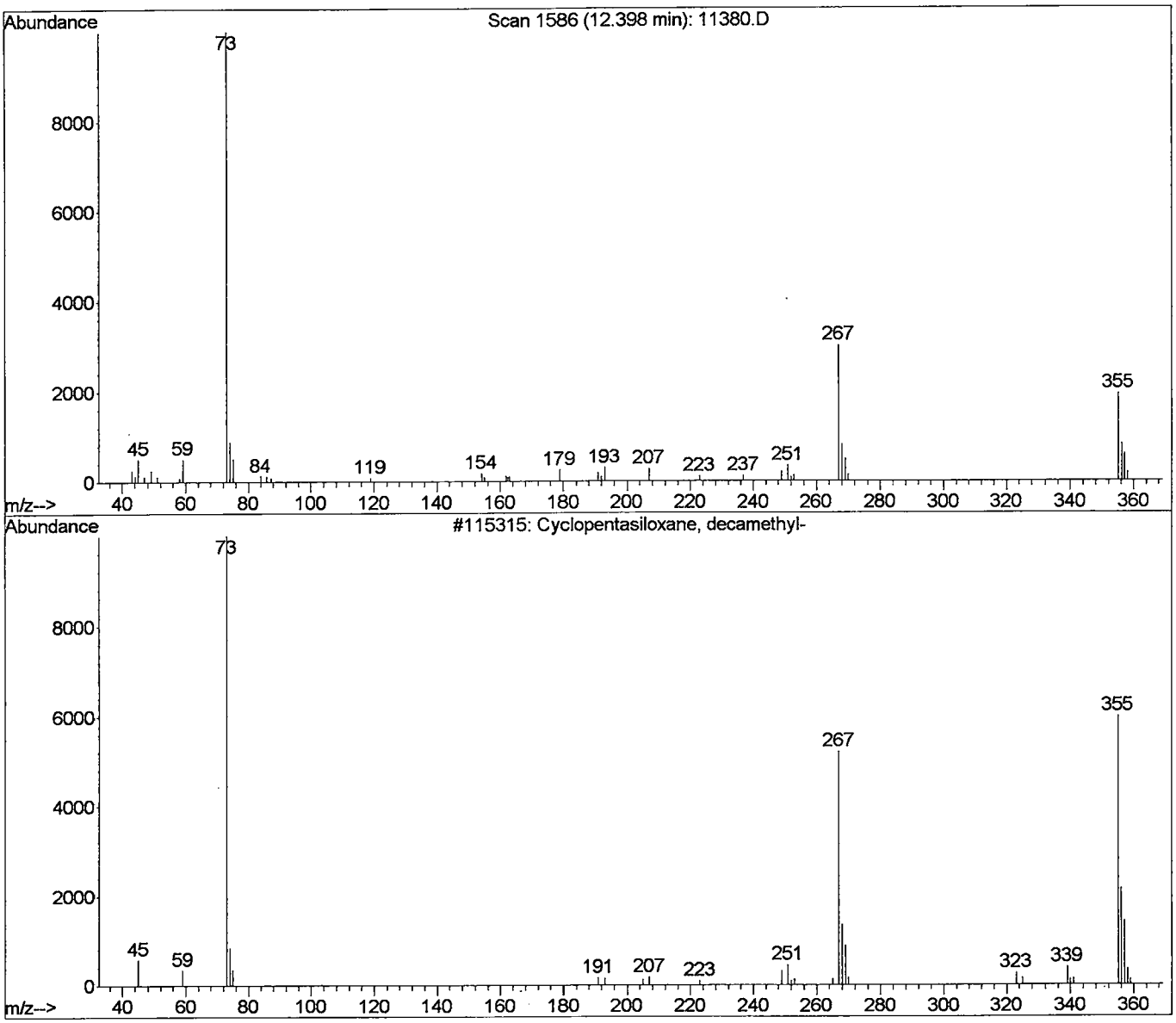


Library Searched : C:\Database\NIST98.L
Quality : 90
ID : Cyclopentasiloxane, decamethyl-



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\051702\11380.D
Acq On : 17 May 2002 5:40 pm
Sample : 5/15 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 7
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

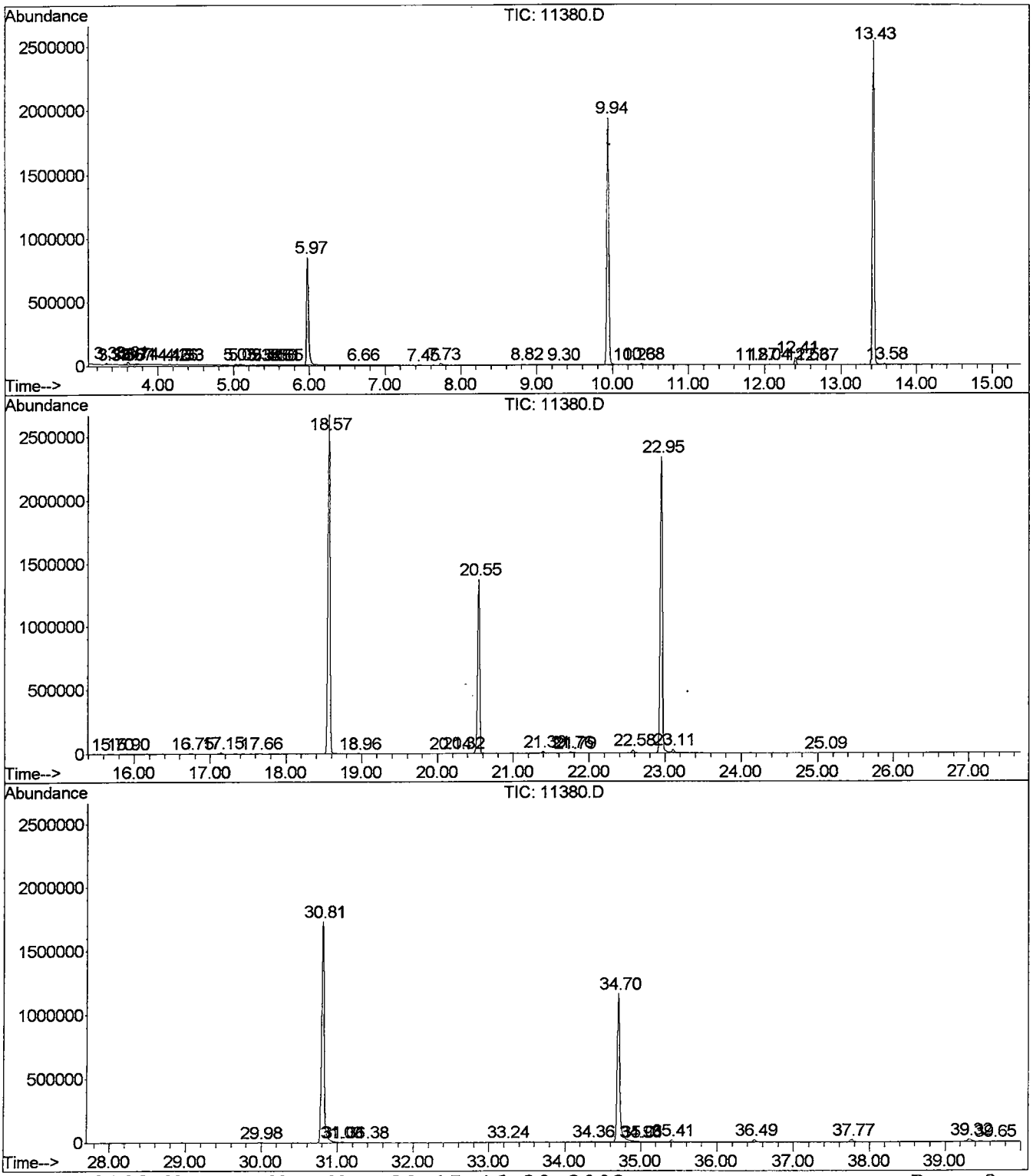
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.326	37	42	47	PV 2	12106	163589	0.31%	0.053%
2	3.379	47	51	58	VV 6	3643	67170	0.13%	0.022%
3	3.555	75	81	84	PV 5	1899	39091	0.07%	0.013%
4	3.614	84	91	98	VV	20542	364149	0.70%	0.119%
5	3.673	98	101	102	VV 3	3627	50182	0.10%	0.016%
6	3.714	102	108	109	VV 4	6275	119872	0.23%	0.039%
7	3.737	109	112	117	VV	8478	181930	0.35%	0.059%
8	4.155	177	183	191	VV 9	3287	104502	0.20%	0.034%
9	4.260	196	201	209	VV 7	3434	87997	0.17%	0.029%
10	4.337	209	214	219	VV 4	3076	58610	0.11%	0.019%
11	5.030	324	332	338	PV 4	4614	92933	0.18%	0.030%
12	5.095	338	343	353	VV 6	5000	140619	0.27%	0.046%
13	5.341	376	385	392	BV 8	1927	49147	0.09%	0.016%
14	5.412	392	397	405	VV 5	3433	71880	0.14%	0.023%
15	5.559	414	422	425	VV 5	2552	45431	0.09%	0.015%
16	5.612	425	431	433	VV 5	2033	43532	0.08%	0.014%
17	5.653	433	438	451	VV 8	2435	85424	0.16%	0.028%
18	5.976	483	493	525	VV	848161	15257911	29.16%	4.974%
19	6.658	604	609	617	PB 5	1799	24991	0.05%	0.008%
20	7.451	738	744	749	PV 6	1826	29454	0.06%	0.010%
21	7.727	785	791	804	BV 2	10545	279451	0.53%	0.091%
22	8.820	970	977	992	VV 7	4447	115370	0.22%	0.038%
23	9.302	1056	1059	1070	PV 5	2543	48174	0.09%	0.016%
24	9.936	1158	1167	1187	VV	1918558	36146279	69.09%	11.784%
25	10.265	1215	1223	1231	PV 7	3008	67630	0.13%	0.022%
26	10.383	1231	1243	1257	VV 5	6882	186417	0.36%	0.061%
27	11.869	1484	1496	1502	VV 4	2851	47502	0.09%	0.015%
28	12.034	1520	1524	1534	VV 4	3112	57889	0.11%	0.019%
29	12.410	1580	1588	1601	VV	55441	884318	1.69%	0.288%
30	12.533	1604	1609	1616	VV 4	2082	40890	0.08%	0.013%
31	12.668	1627	1632	1636	VV 4	1892	31344	0.06%	0.010%
32	13.432	1747	1762	1783	PV	2549321	48458134	92.62%	15.798%
33	13.585	1783	1788	1795	VV	8690	153365	0.29%	0.050%
34	15.700	2143	2148	2154	VV 4	2212	46049	0.09%	0.015%
35	15.906	2176	2183	2191	VV 4	1699	36128	0.07%	0.012%
36	16.746	2318	2326	2331	PV 6	3841	77359	0.15%	0.025%
37	17.145	2385	2394	2404	VV 2	8523	164186	0.31%	0.054%

38	17.663	2477	2482	2486	PV	2	4164	58442	0.11%	0.019%
39	18.567	2624	2636	2653	PV		2633484	52319817	100.00%	17.057%
40	18.961	2698	2703	2708	VV	2	1872	28466	0.05%	0.009%
41	20.142	2896	2904	2910	PV	5	1891	47969	0.09%	0.016%
42	20.324	2927	2935	2939	VV	5	3510	62809	0.12%	0.020%
43	20.547	2959	2973	2984	VV		1372112	26844800	51.31%	8.752%
44	21.393	3103	3117	3124	VV	4	12321	224184	0.43%	0.073%
45	21.758	3167	3179	3184	PV	4	7506	143425	0.27%	0.047%
46	21.793	3184	3185	3194	VV	5	2043	39079	0.07%	0.013%
47	22.580	3309	3319	3328	PV	2	21905	387264	0.74%	0.126%
48	22.956	3369	3383	3402	PV	2	2328919	50008488	95.58%	16.303%
49	23.109	3402	3409	3426	VV	3	25696	608625	1.16%	0.198%
50	25.089	3740	3746	3762	PV	3	1897	30765	0.06%	0.010%
51	29.978	4565	4578	4591	PV	4	1728	64705	0.12%	0.021%
52	30.806	4708	4719	4756	PV	2	1724919	40628072	77.65%	13.245%
53	31.035	4756	4758	4759	VV		4142	40772	0.08%	0.013%
54	31.065	4759	4763	4770	VV	6	5897	153405	0.29%	0.050%
55	31.382	4810	4817	4828	PV	5	2293	62941	0.12%	0.021%
56	33.239	5120	5133	5139	PV	4	2802	57704	0.11%	0.019%
57	34.361	5317	5324	5335	VV	3	8149	171748	0.33%	0.056%
58	34.702	5369	5382	5427	VV	2	1147595	28630907	54.72%	9.334%
59	34.978	5427	5429	5432	VV	3	4348	56173	0.11%	0.018%
60	35.007	5432	5434	5437	VV	4	3741	57693	0.11%	0.019%
61	35.413	5491	5503	5511	VV	4	14719	358077	0.68%	0.117%
62	36.494	5677	5687	5698	VV	2	18359	486939	0.93%	0.159%
63	37.769	5892	5904	5914	PV	5	16560	530011	1.01%	0.173%
64	39.326	6156	6169	6186	VV	5	16124	699861	1.34%	0.228%
65	39.643	6221	6223	6227	PV	4	1601	15058	0.03%	0.005%

Sum of corrected areas: 306737099

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\051702\11380.D
Operator : Mclean
Acquired : 17 May 2002 5:40 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/15 ad
Misc Info :
Vial Number: 7
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051702\11380.D Vial: 7
Acq On : 17 May 2002 5:40 pm Operator: Mclean
Sample : 5/15 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

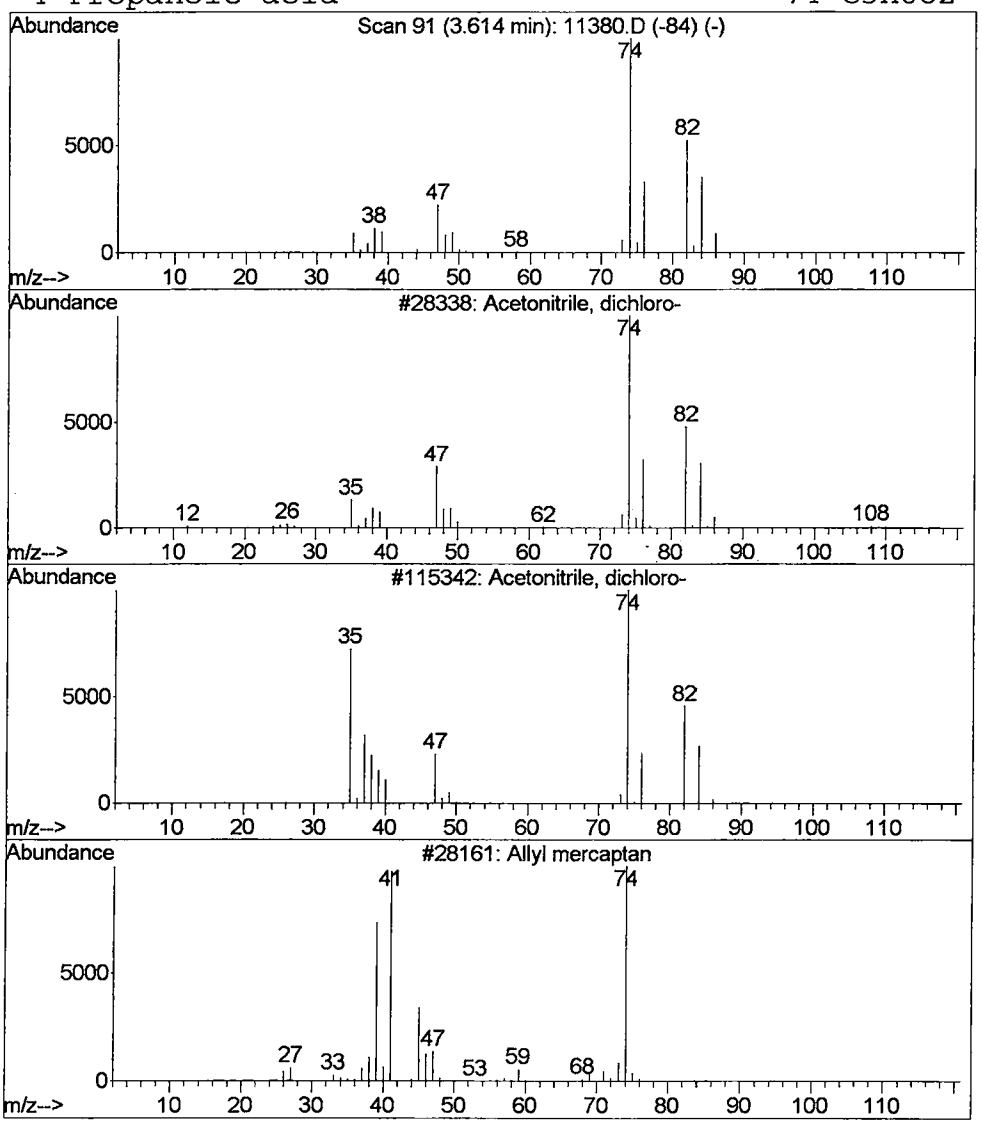
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

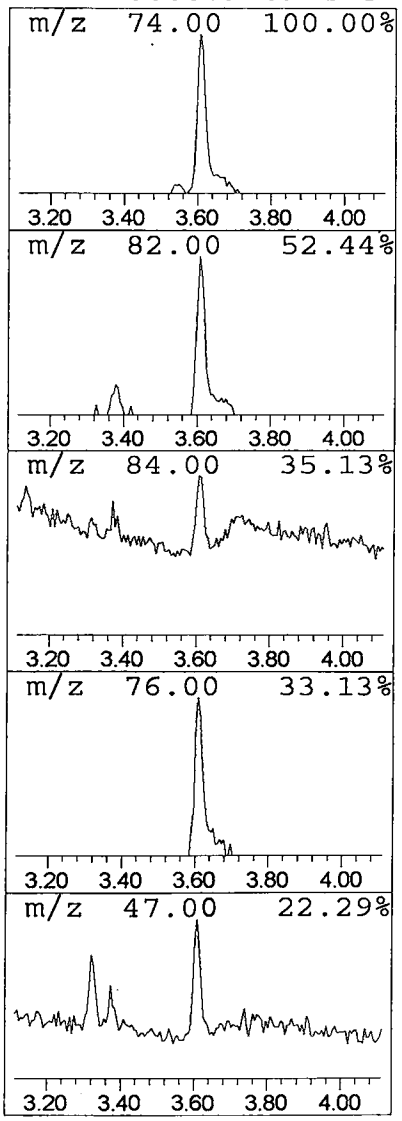
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.40 ug/L	364149	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	86
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	56
3	Allyl mercaptan	74	C3H6S	000870-23-5	25
4	Propanoic acid	74	C3H6O2	000079-09-4	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051702\11380.D Vial: 7
Acq On : 17 May 2002 5:40 pm Operator: Mclean
Sample : 5/15 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

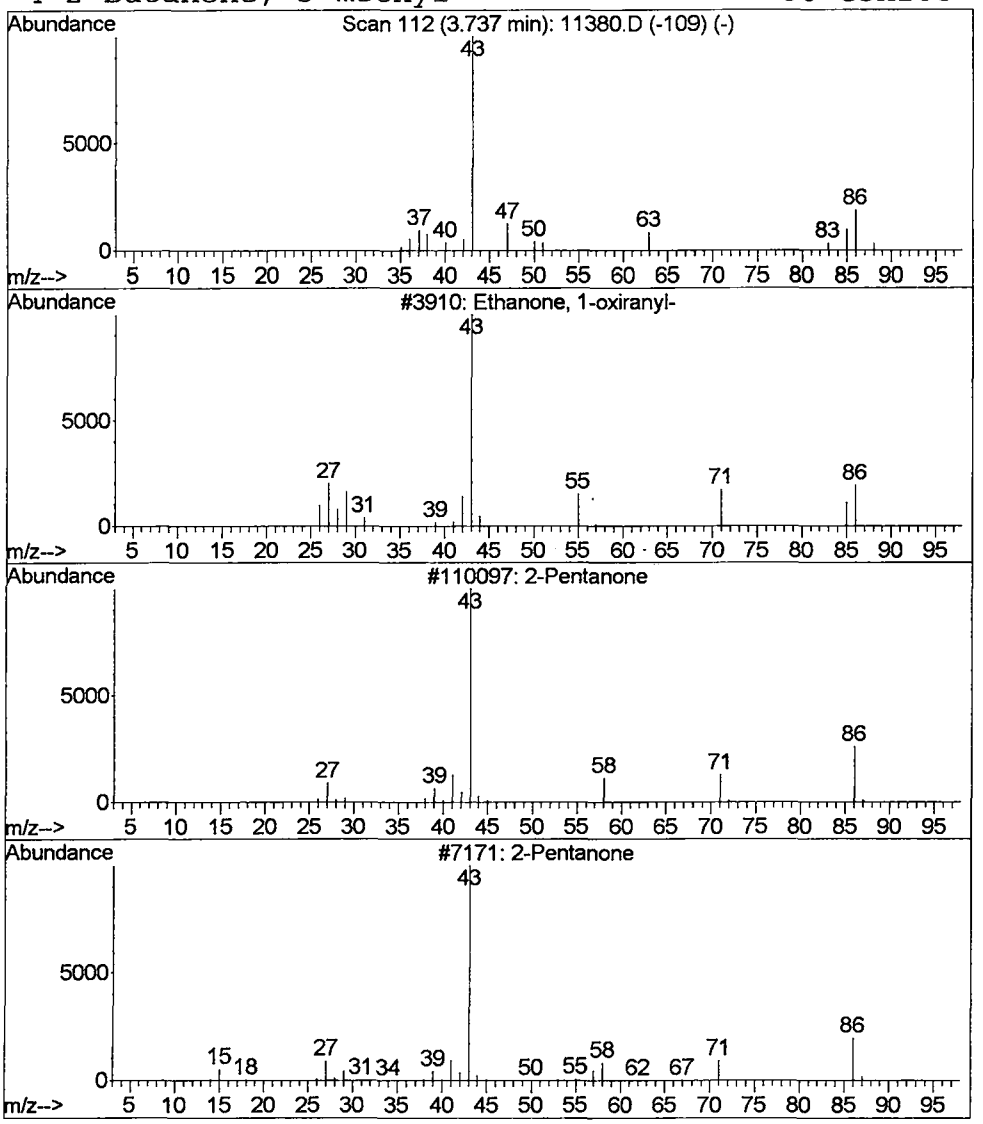
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

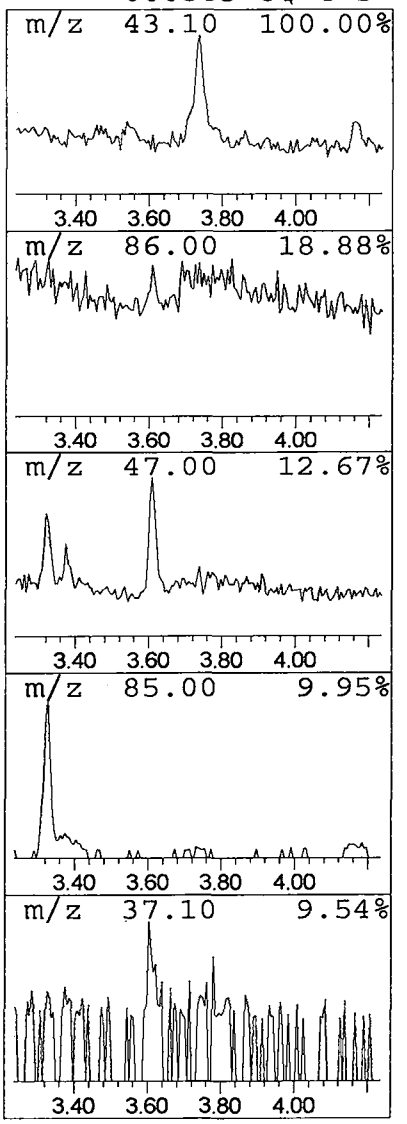
****

Peak Number 2 Ethanone, 1-oxiranyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	0.20 ug/L	181930	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	7
2	2-Pentanone	86	C5H10O	000107-87-9	5
3	2-Pentanone	86	C5H10O	000107-87-9	5
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051702\11380.D Vial: 7
Acq On : 17 May 2002 5:40 pm Operator: Mclean
Sample : 5/15 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

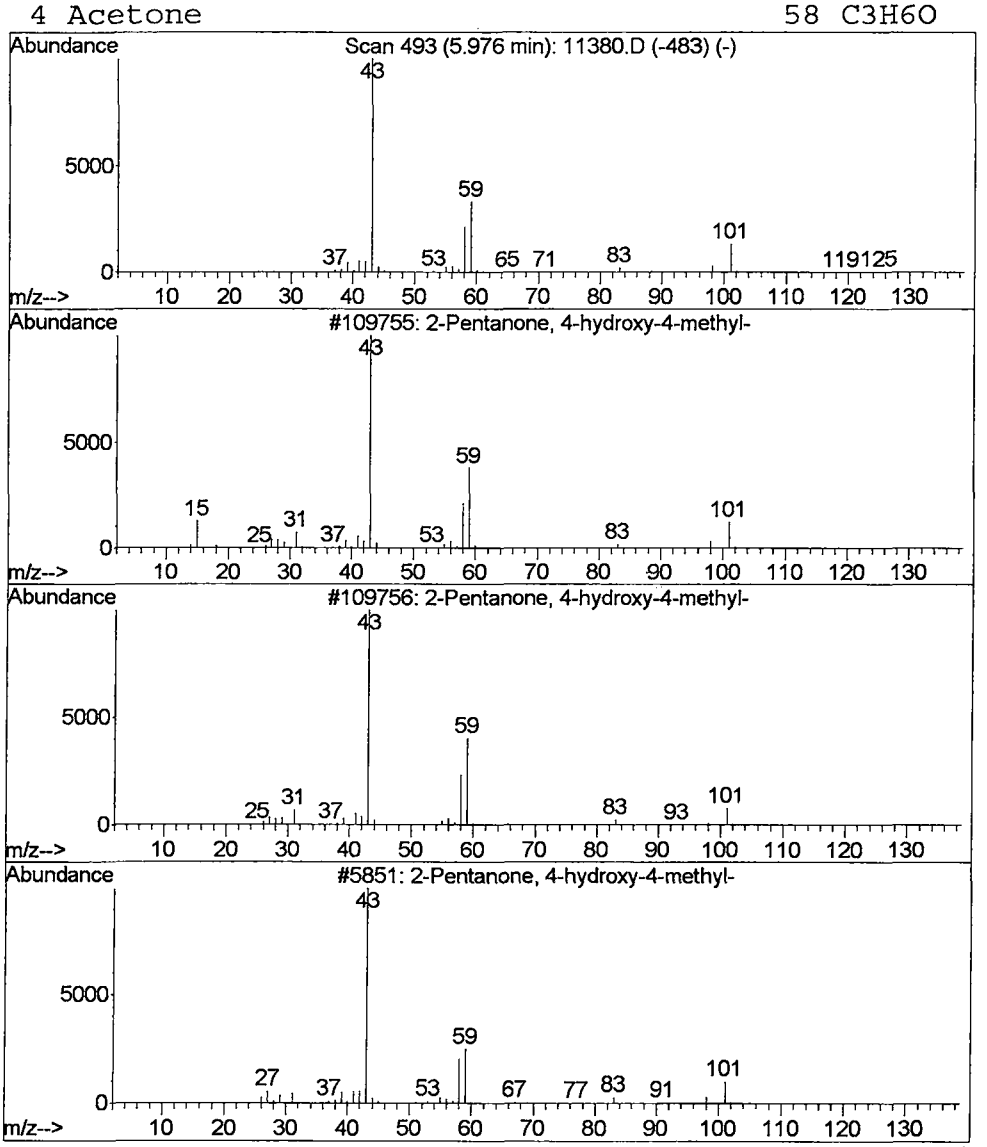
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

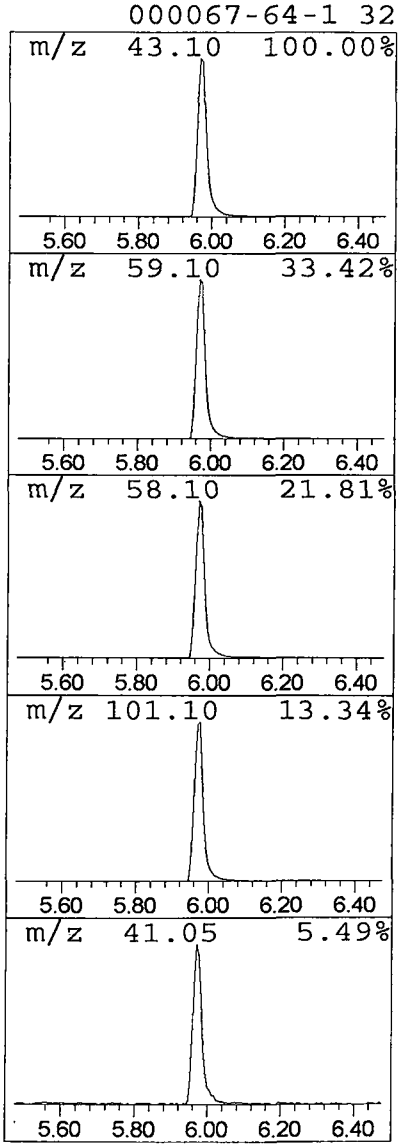
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	16.88 ug/L	15257900	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	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	Acetone	58	C3H6O	000067-64-1	32





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051702\11380.D
Acq On : 17 May 2002 5:40 pm
Sample : 5/15 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 7
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

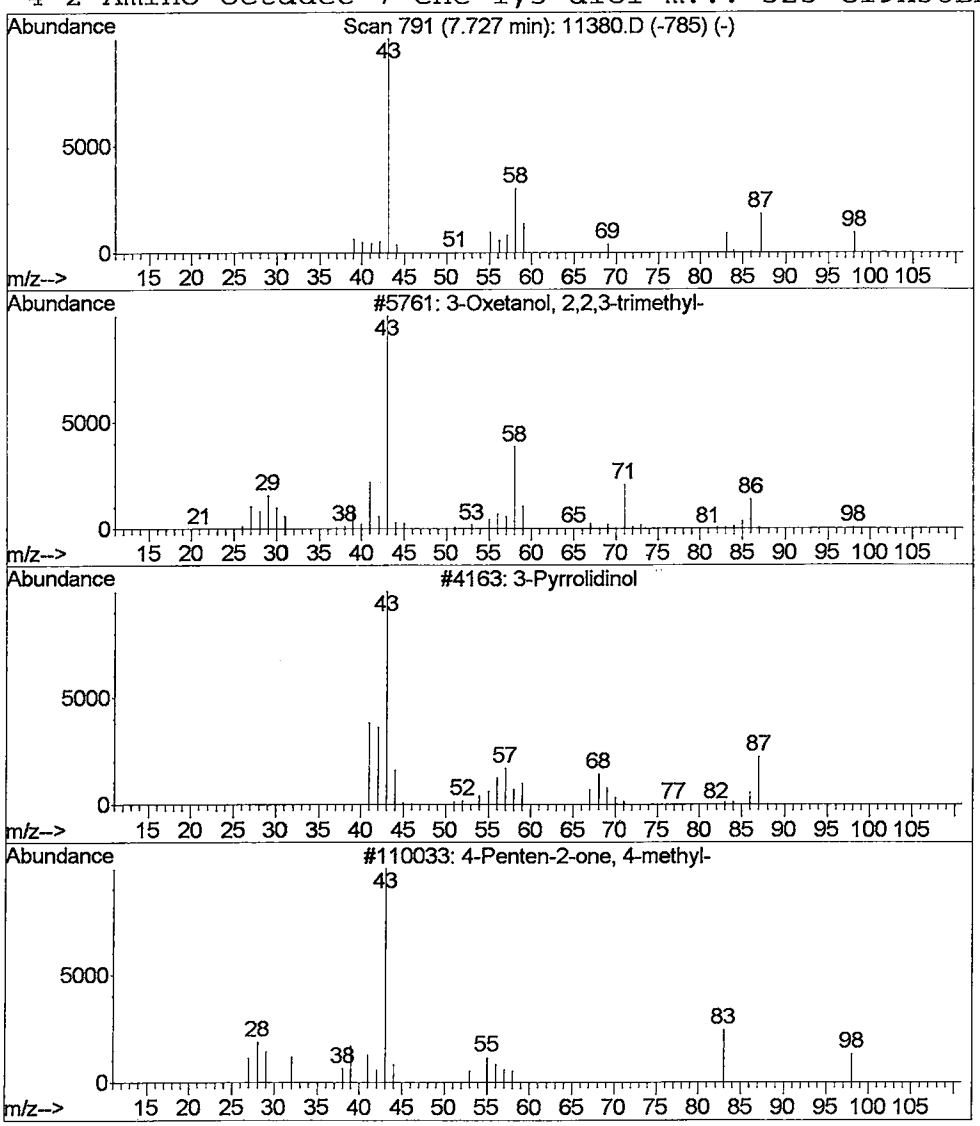
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

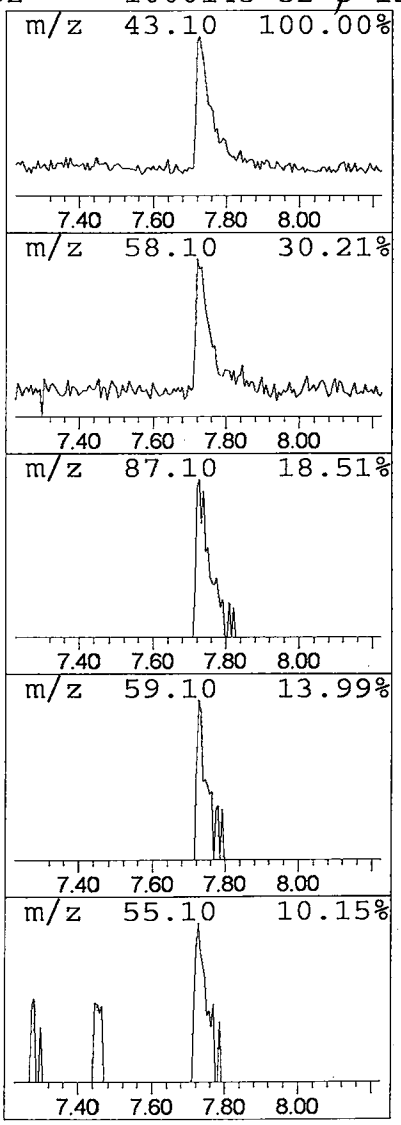
****

Peak Number 4 3-Oxetanol, 2,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.31 ug/L	279451	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	40
2	3-Pyrrolidinol	87	C4H9NO	040499-83-0	25
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	17
4	2-Amino-octadec-7-ene-1,3-diol m...	323	C19H38BNO2	1000143-52-3	12





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051702\11380.D Vial: 7
Acq On : 17 May 2002 5:40 pm Operator: Mclean
Sample : 5/15 ad 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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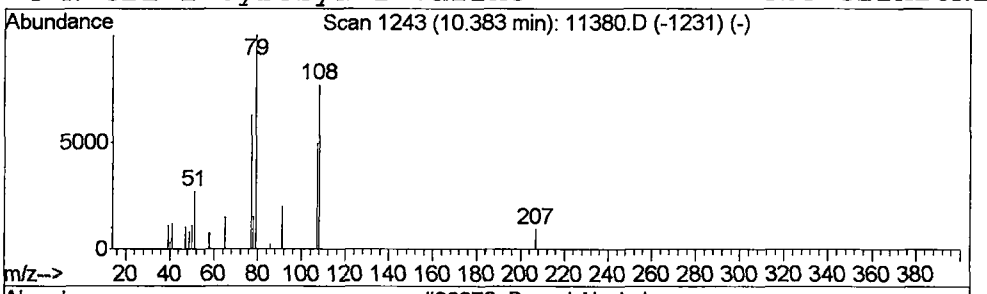
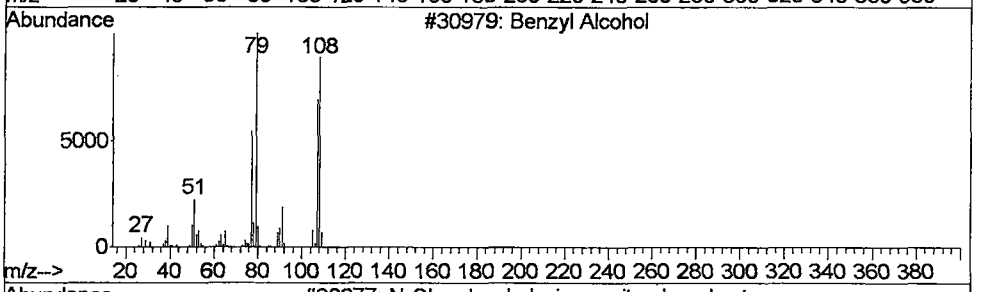
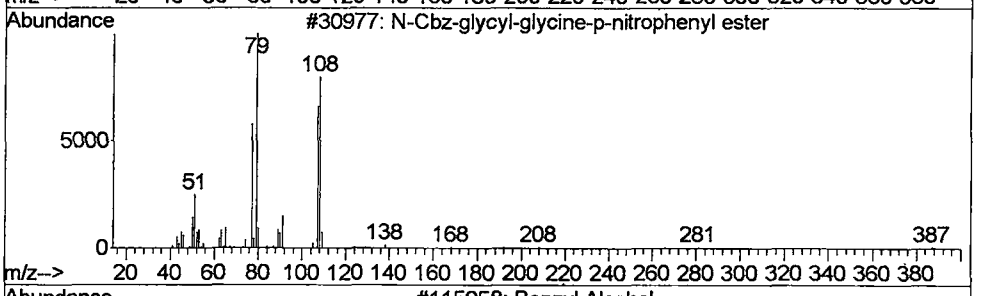
Peak Number 5 Benzyl Alcohol Concentration Rank 12

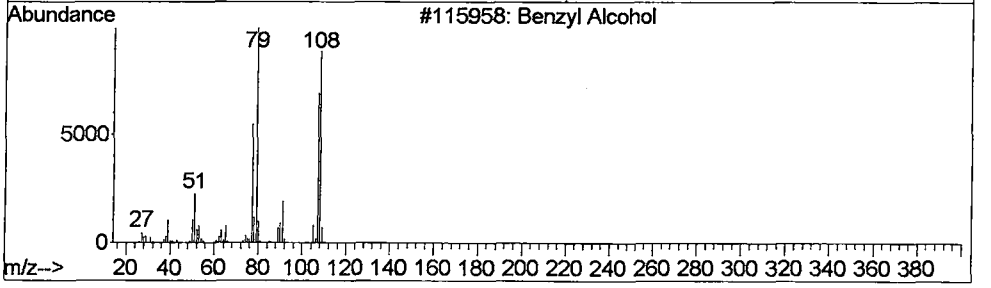
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	0.21 ug/L	186417	1,4-Dichlorobenzene-d4	9.94

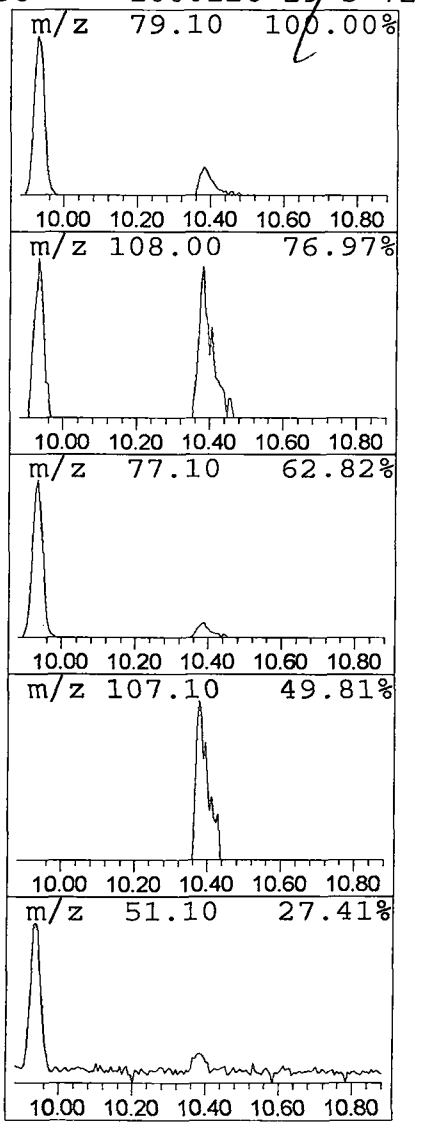
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl Alcohol	108	C7H8O	000100-51-6	78
2	N-Cbz-glycyl-glycine-p-nitrophen...	387	C18H17N3O7	1000126-28-8	78
3	Benzyl Alcohol	108	C7H8O	000100-51-6	78
4	N-CBZ-l-tyrosyl-l-valine	414	C22H26N2O6	1000126-29-3	72











Library Search Compound Report

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Acq On : 17 May 2002 5:40 pm Operator: Mclean
Sample : 5/15 ad 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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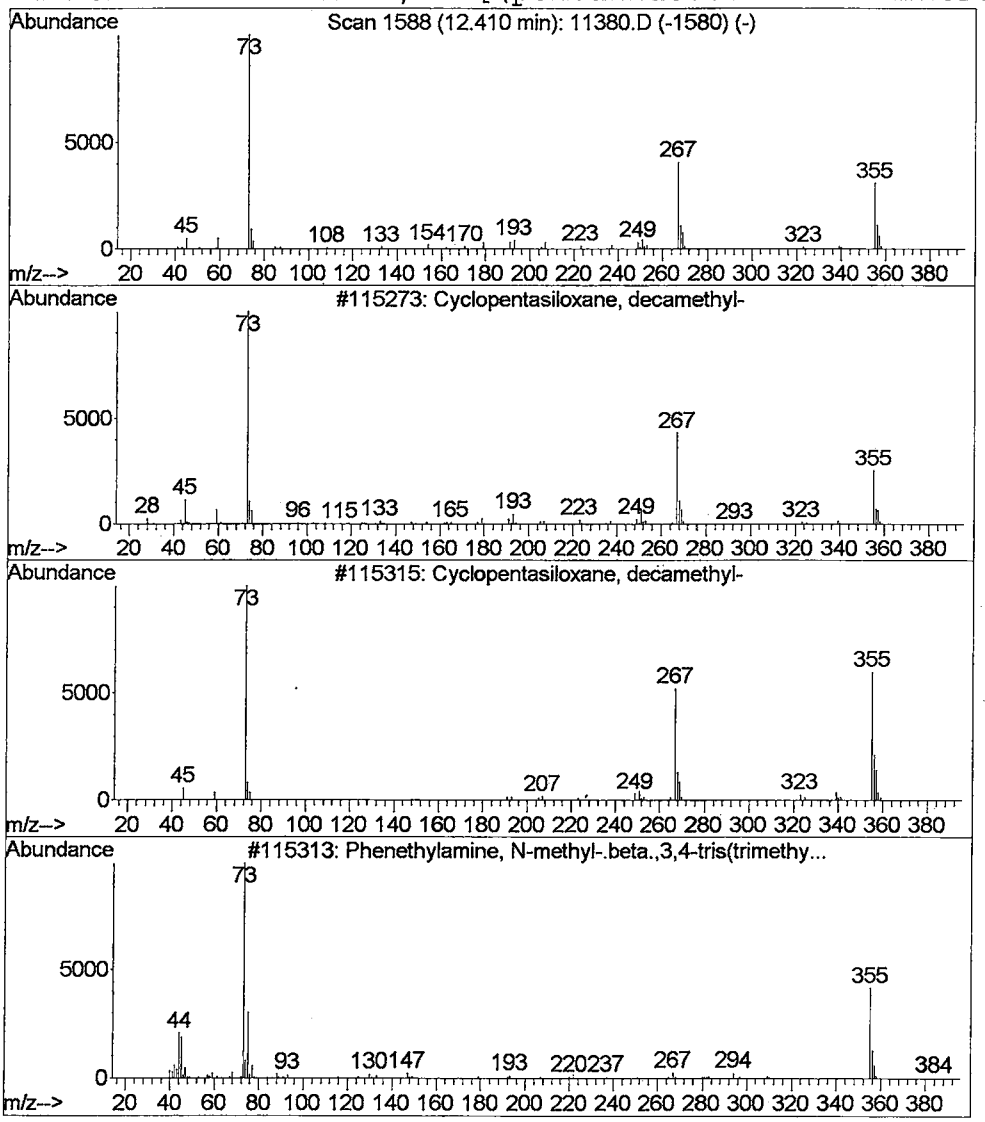
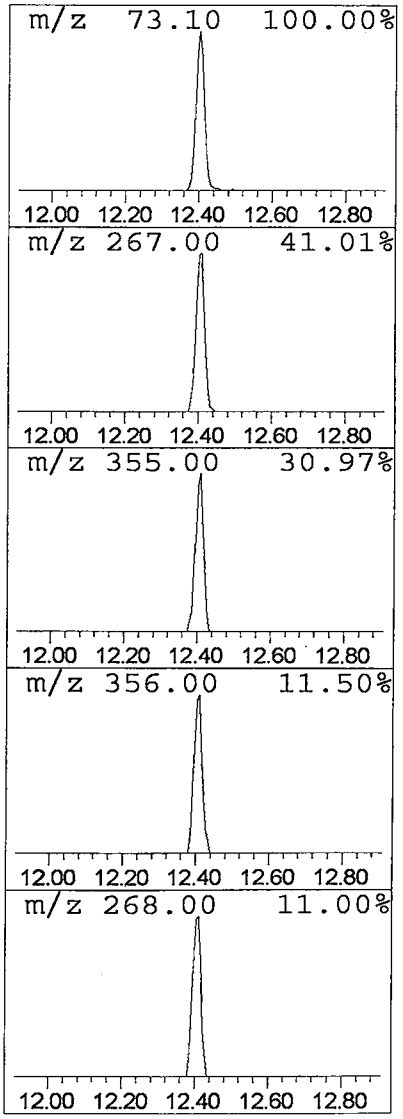
Peak Number 6 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	0.73 ug/L	884318	Napthalene-d8	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	38
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	38
4	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	28





Library Search Compound Report

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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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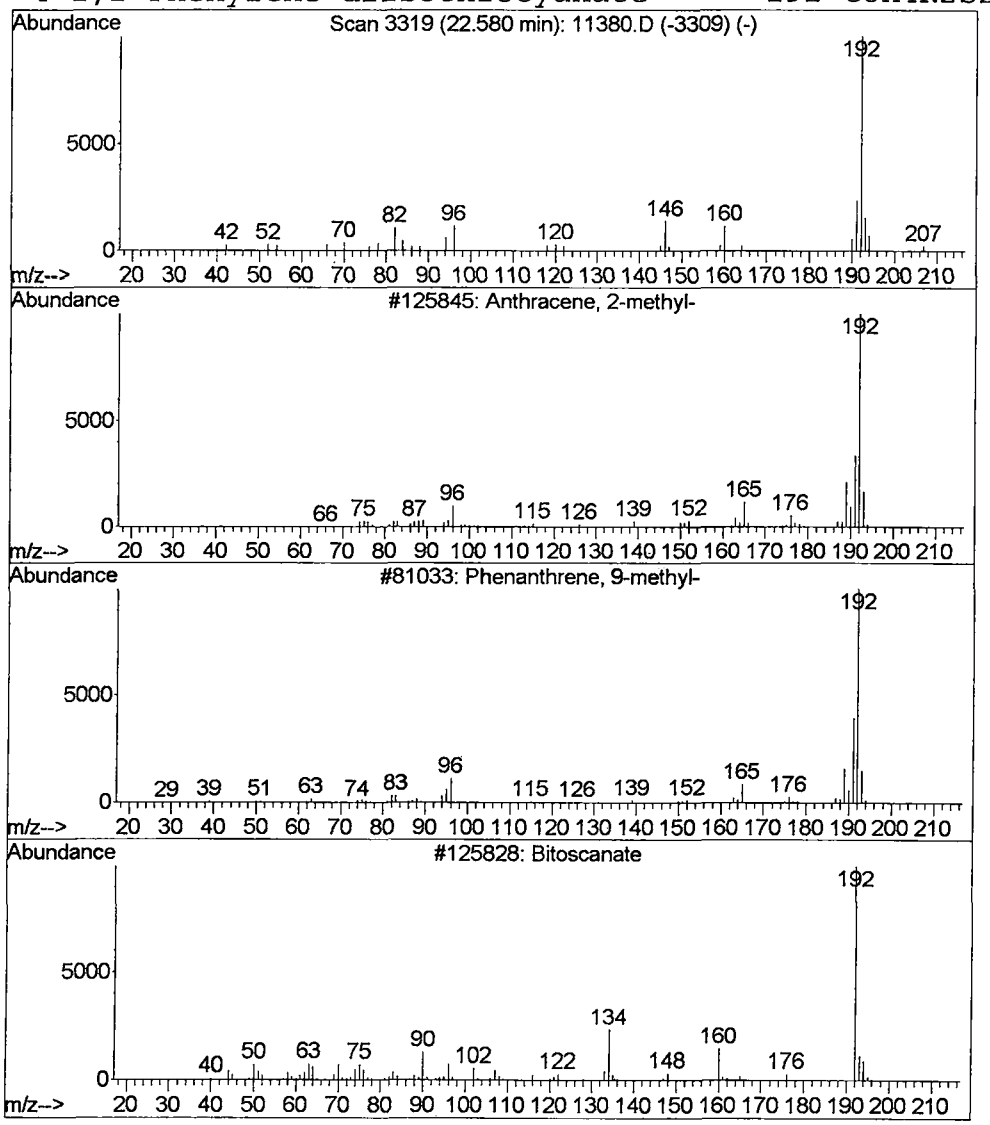
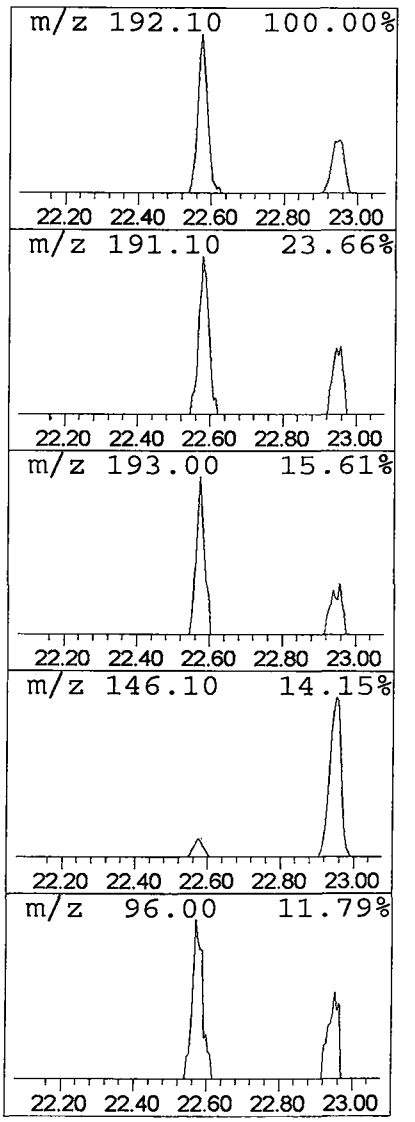
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.31 ug/L	387264	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
3	Bitoscanate	192	C8H4N2S2	004044-65-9	53
4	1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	50





Library Search Compound Report

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Acq On : 17 May 2002 5:40 pm Operator: Mclean
Sample : 5/15 ad 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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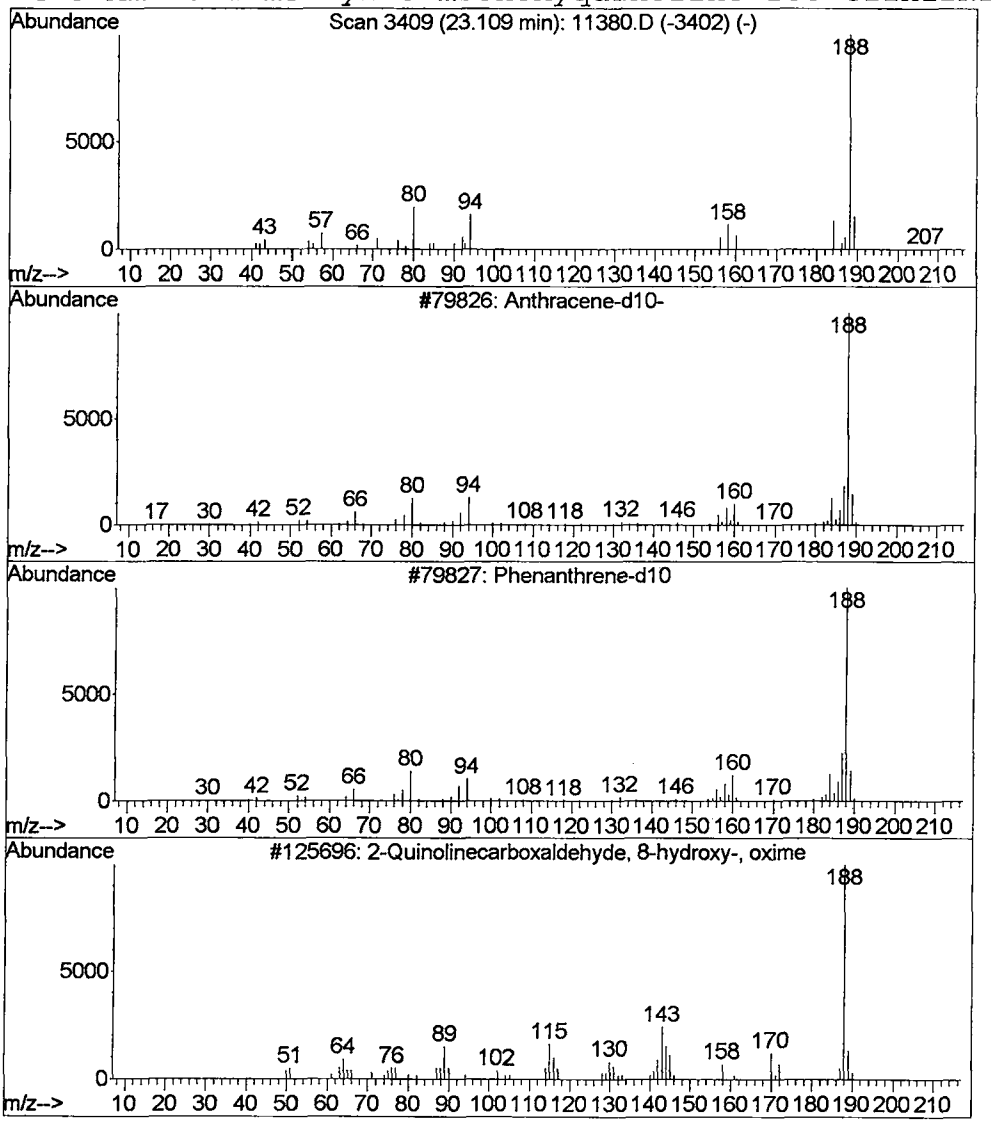
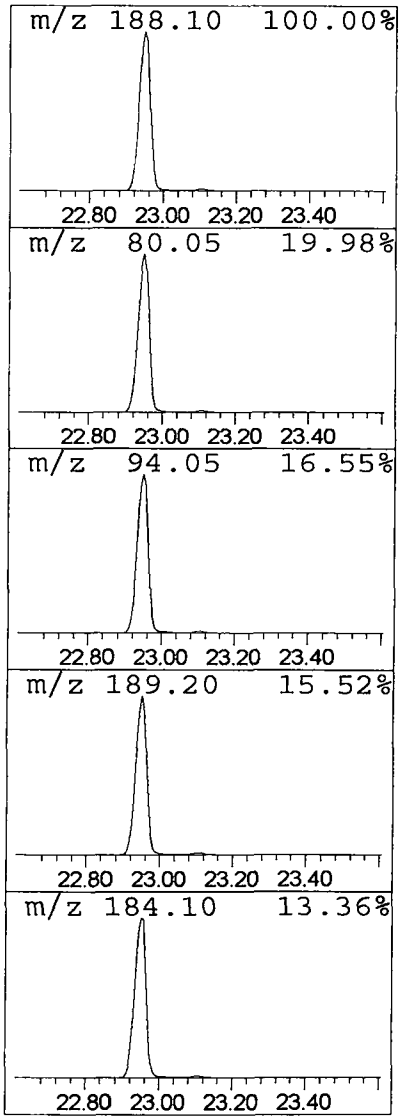
Peak Number 8 Anthracene-d10- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.49 ug/L	608625	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	80
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	38





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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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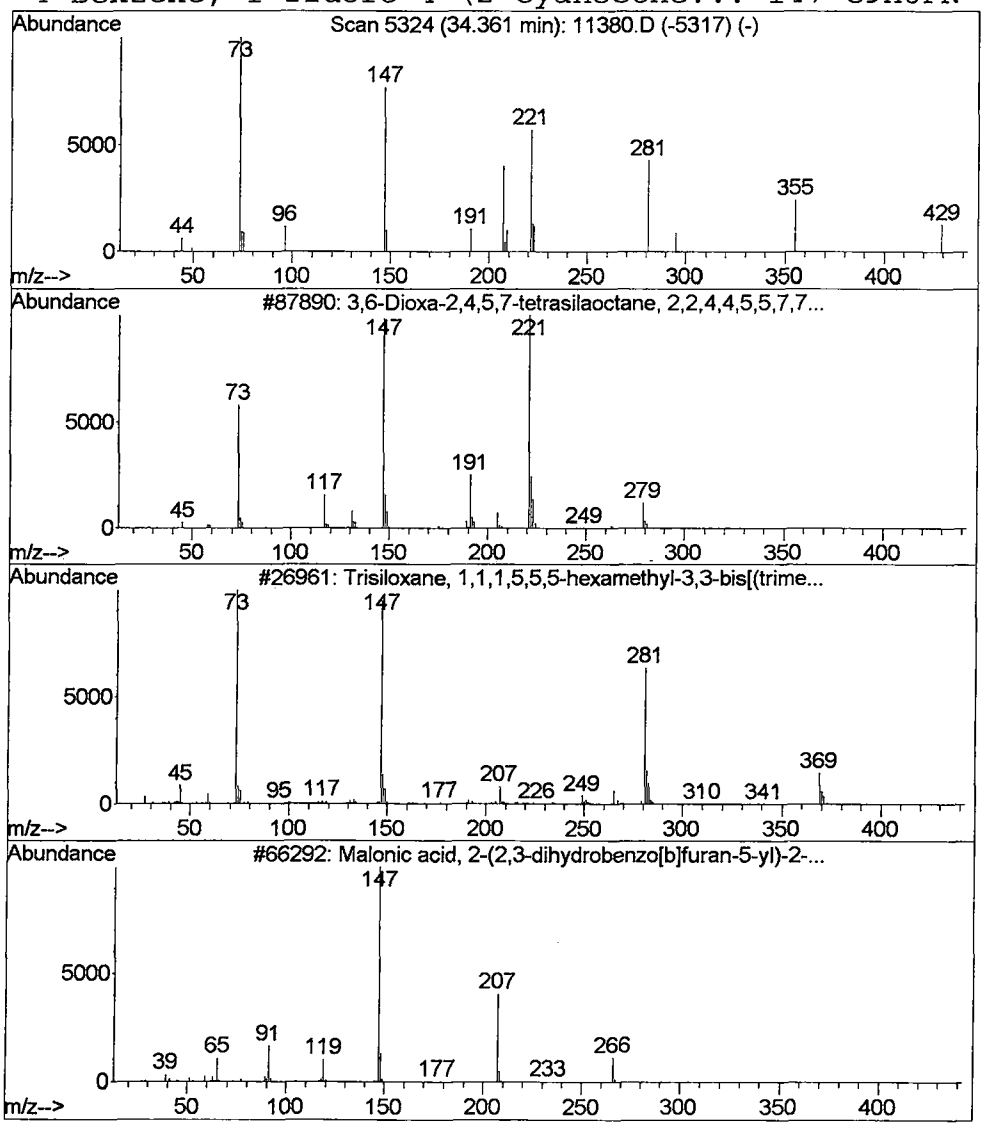
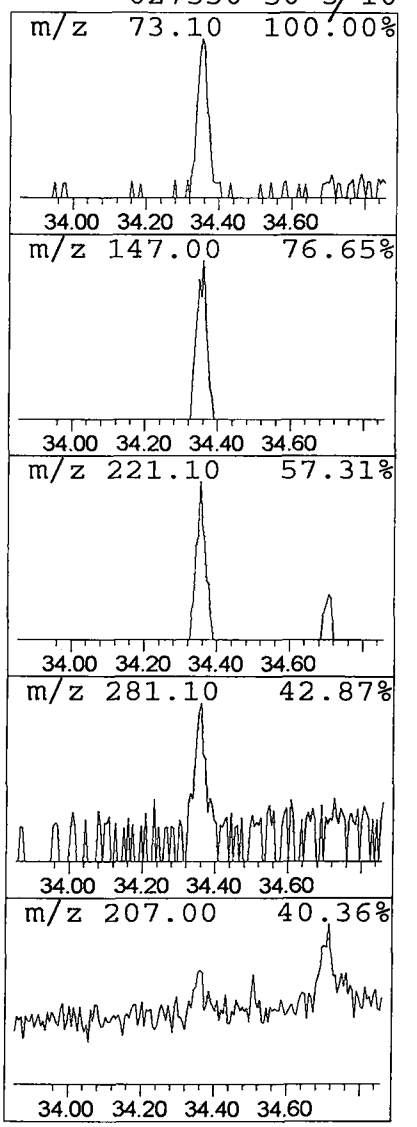
Peak Number 9 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.36	0.24 ug/L	171748	Perylene-d12	34.70

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	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	32
3	Malonic acid, 2-(2,3-dihydrobenz...	266	C13H14O6	1000158-50-7	12
4	Benzene, 1-fluoro-4-(2-cyanoethe...	147	C9H6FN	027530-50-3	10





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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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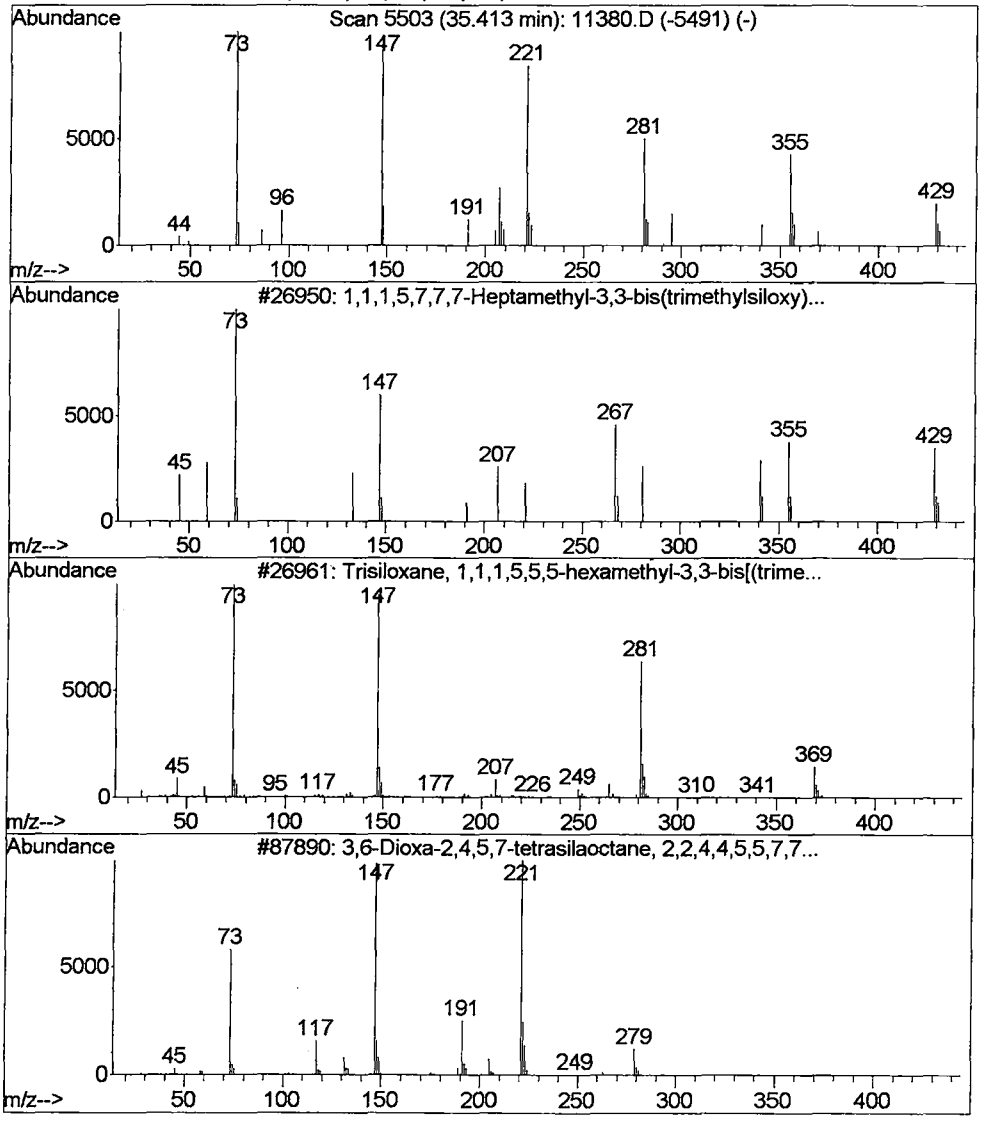
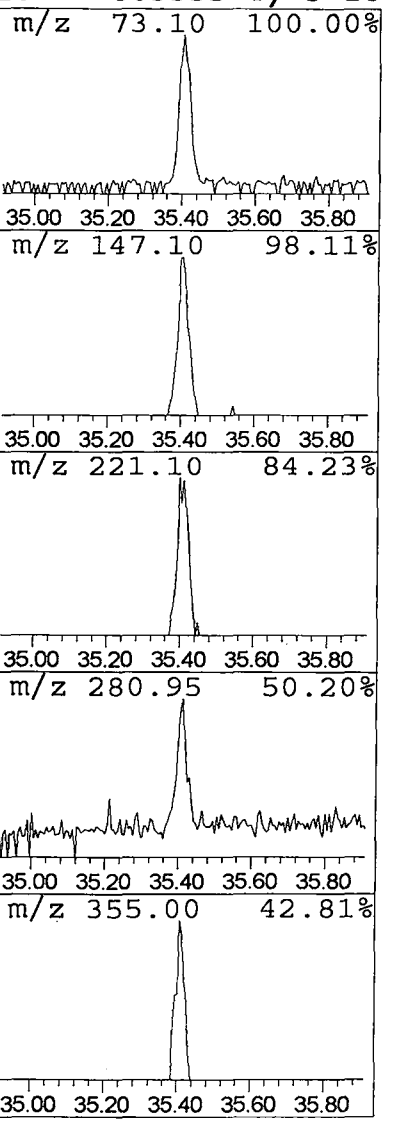
Peak Number 10 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.41	0.50 ug/L	358077	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	33
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	23
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	16





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Acq On : 17 May 2002 5:40 pm Operator: Mclean
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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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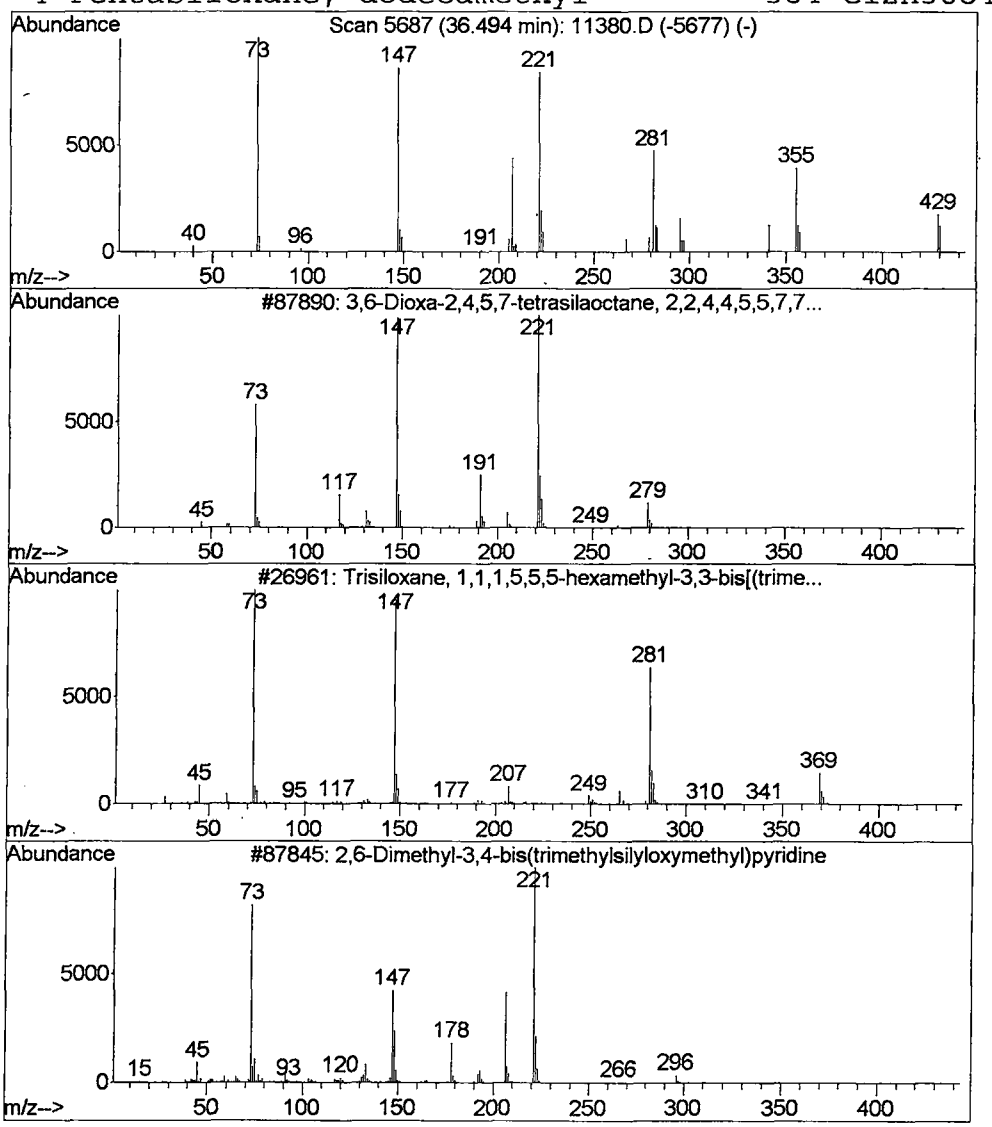
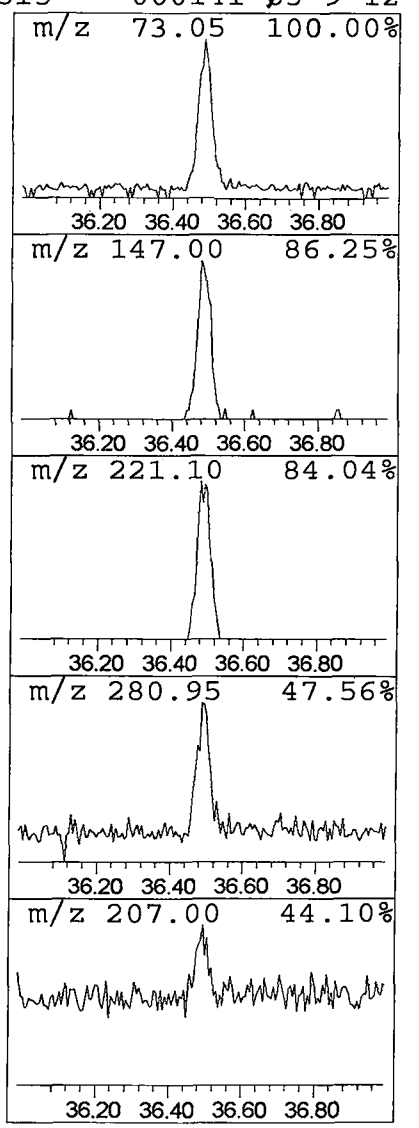
Peak Number 11 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.49	0.68 ug/L	486939	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	27
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	22
3	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	12
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	12





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051702\11380.D Vial: 7
Acq On : 17 May 2002 5:40 pm Operator: Mclean
Sample : 5/15 ad 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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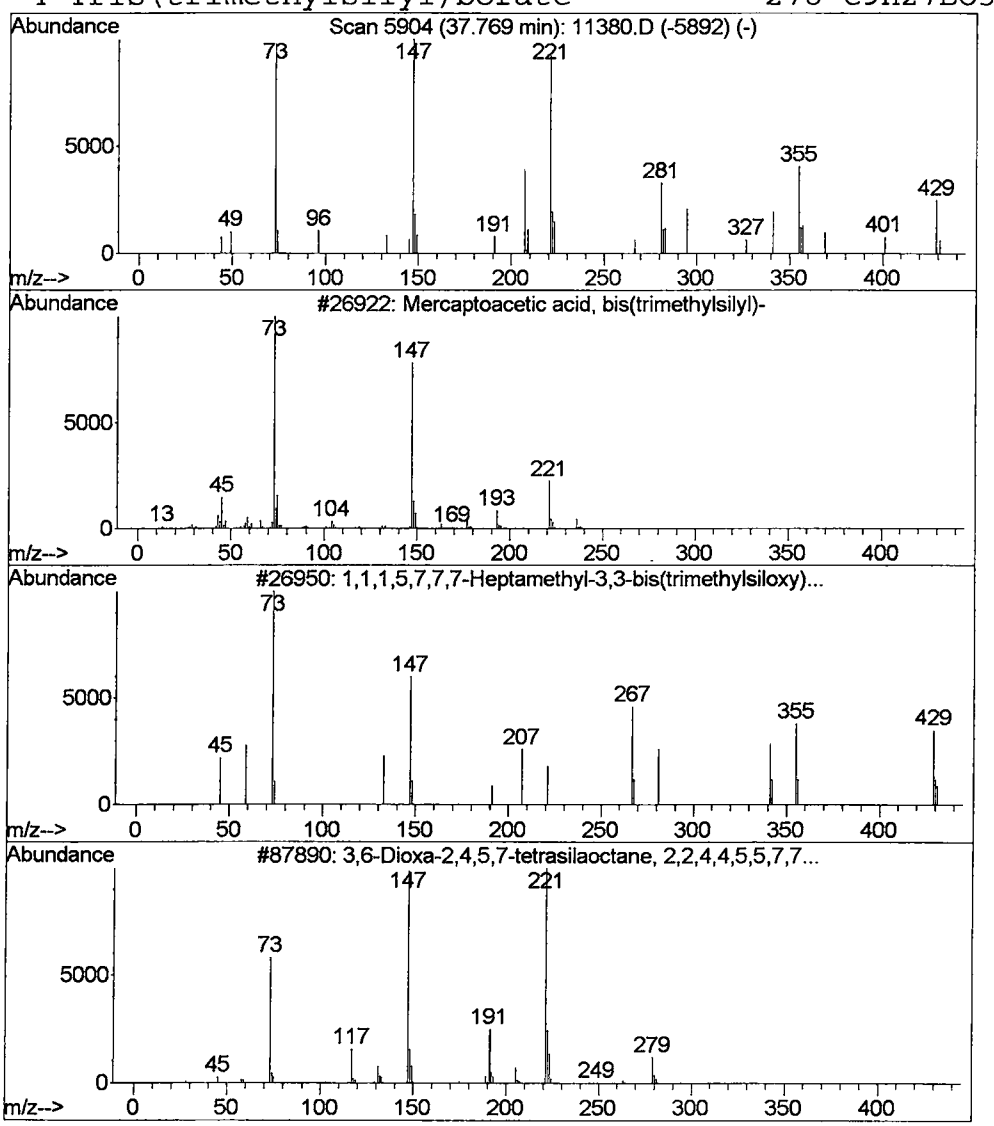
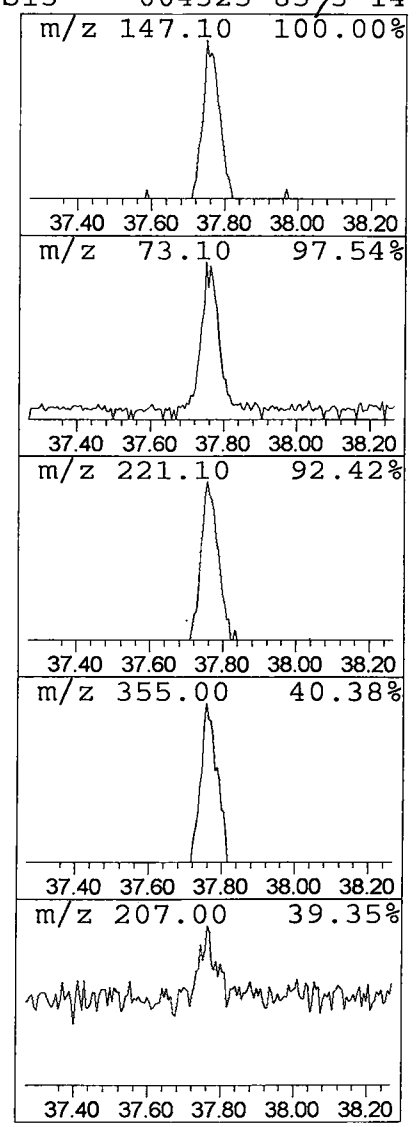
Peak Number 12 Mercaptoacetic acid, bis(tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.77	0.74 ug/L	530011	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	38
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32
4	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	14





Data File : C:\MSDCHEM\1\DATA\051702\11380.D Vial: 7
Acq On : 17 May 2002 5:40 pm Operator: Mclean
Sample : 5/15 ad 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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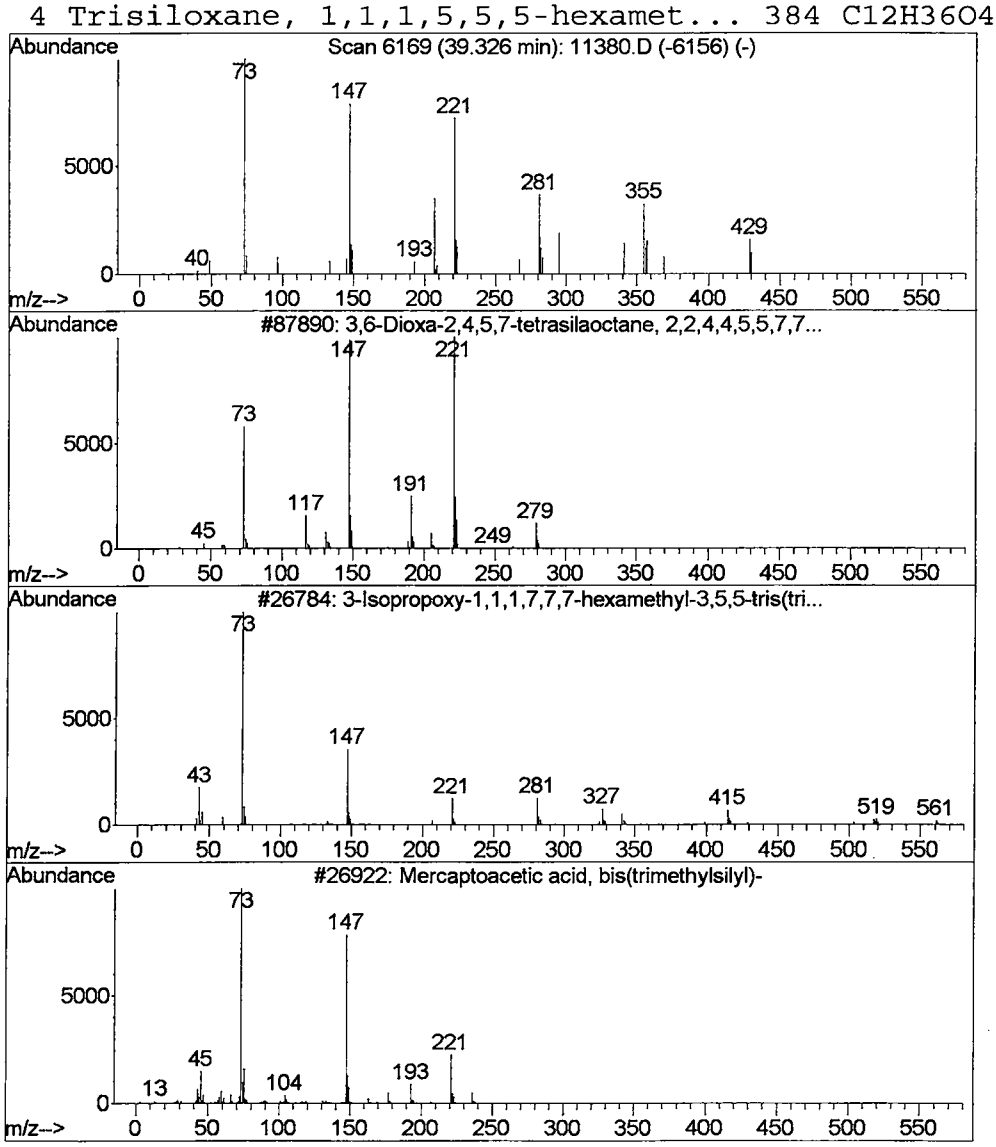
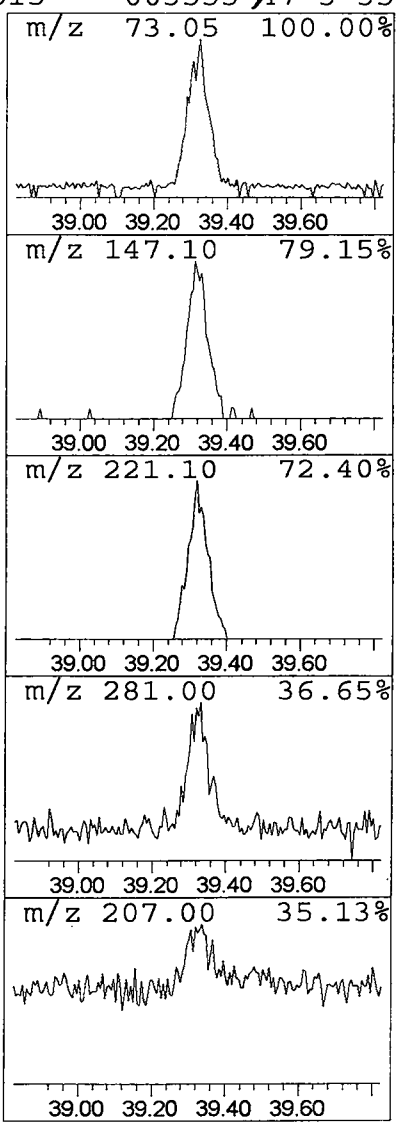
Peak Number 13 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.32	0.98 ug/L	699861	Perylene-d12	34.70

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	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	38
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	37
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	35





Tentatively Identified Compound (TIC) Summary

Operator ID: Mclean Date Acquired: 17 May 2002 5:40 pm
Data File: C:\MSDCHEM\1\DATA\051702\11380.D
Name: 5/15 ad
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...	3.61	0.4	ug/L	364149	1	9.94	36146300	40.0
Ethanone, 1-oxira...	3.74	0.2	ug/L	181930	1	9.94	36146300	40.0
2-Pentanone, 4-hy...	5.97	16.9	ug/L	15257900	1	9.94	36146300	40.0
3-Oxetanol, 2,2,3...	7.73	0.3	ug/L	279451	1	9.94	36146300	40.0
Benzyl Alcohol	10.38	0.2	ug/L	186417	1	9.94	36146300	40.0
Cyclopentasiloxan...	12.41	0.7	ug/L	884318	2	13.43	48458100	40.0
Anthracene, 2-met...	22.58	0.3	ug/L	387264	4	22.95	50008500	40.0
Anthracene-d10-	23.11	0.5	ug/L	608625	4	22.95	50008500	40.0
3,6-Dioxa-2,4,5,7...	34.36	0.2	ug/L	171748	6	34.70	28630900	40.0
1,1,1,5,7,7,7-Hep...	35.41	0.5	ug/L	358077	6	34.70	28630900	40.0
3,6-Dioxa-2,4,5,7...	36.49	0.7	ug/L	486939	6	34.70	28630900	40.0
Mercaptoacetic ac...	37.77	0.7	ug/L	530011	6	34.70	28630900	40.0
3,6-Dioxa-2,4,5,7...	39.32	1.0	ug/L	699861	6	34.70	28630900	40.0