User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 14:58:53

Sample: AE09154
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 14:58 Ended: 5/15/02 14:58 Analyst: DLV
Page: 1

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

Comments for Sample AE09154 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-15-2002 Time: 14:59:13

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
Recoveries for 4 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\9154.D Vial: 19
Acq On : 10 May 2002 6:47 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 13 09:43:26 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 09:43:10 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.93	152	5412354	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	21297786	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	11507524	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	16522327	40.00	ug/L	0.00
37) Chrysene-d12	30.80	240	11008891	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	6377089	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	2271121	29.81	ug/L	0.00
Spiked Amount 40.000			Recovery = 74.52%			
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	3.58	74	85976	0.78	ug/L	# 48
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	20.54	77	40023	N.D.		
30) Nnitrosodiphenylamine	20.54	169	43410	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)

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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 09:43:10 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

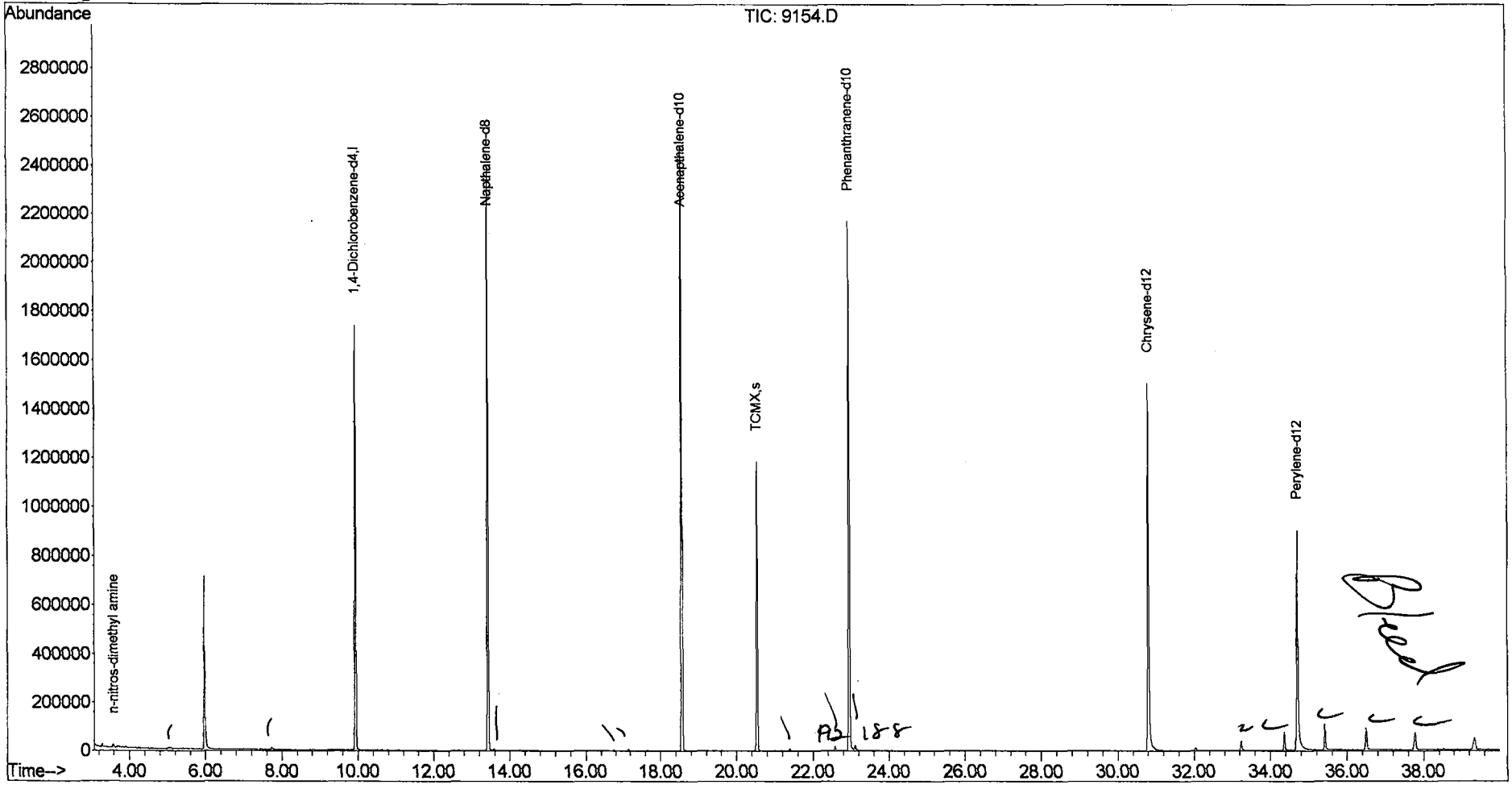
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	25.09	149	28400	N.D.	
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.81	228	28112	N.D.	
41)	Bis(2-ethylhexyl)phthalate	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.	
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\050902\9154.D Vial: 19
Acq On : 10 May 2002 6:47 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 13 9:43 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 09:57:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050902\9154.D Vial: 19
Acq On : 10 May 2002 6:47 am Operator: Mclean
Sample : 5/8 eh 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

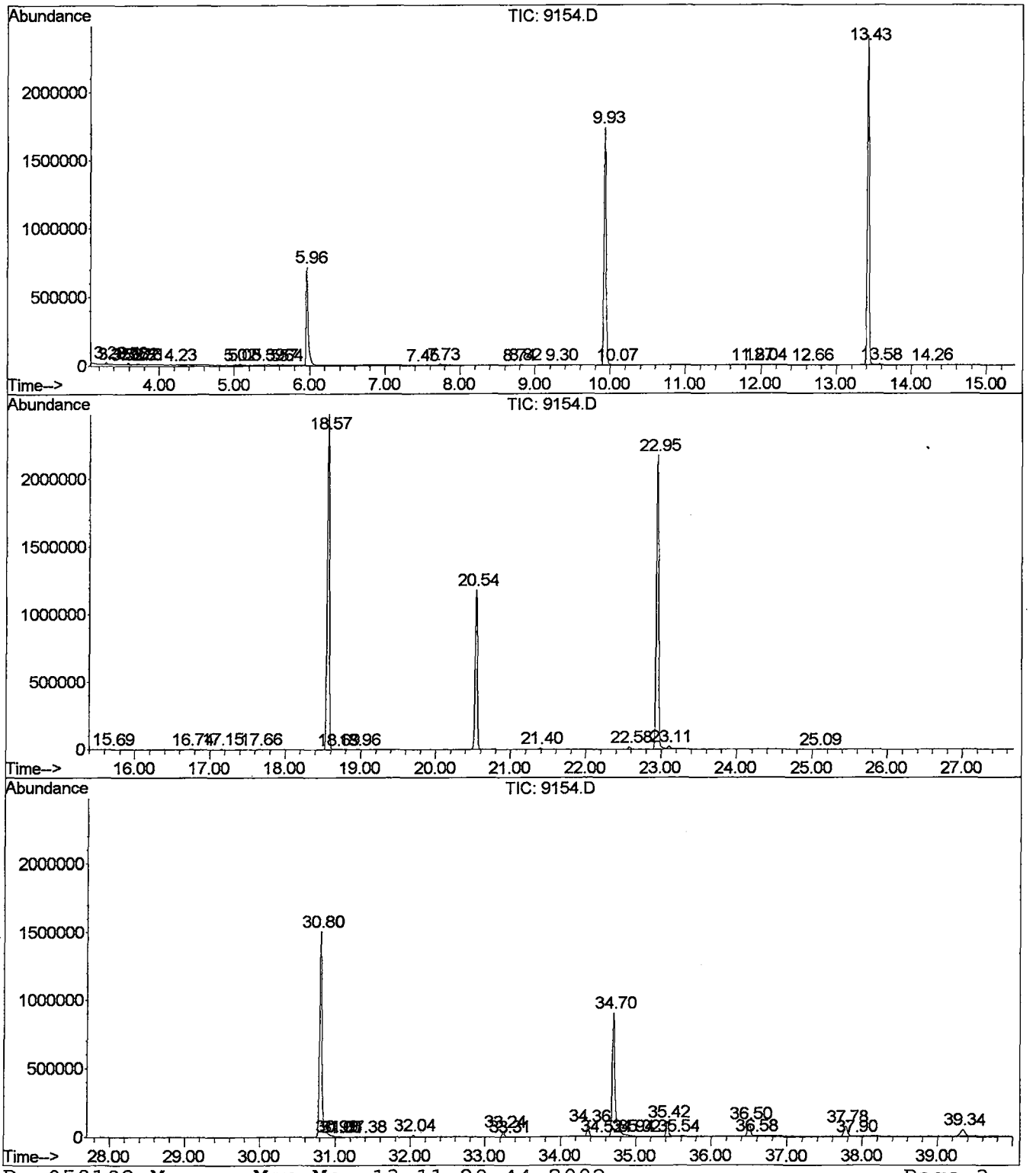
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.290	31	36	43	PV	12995	201048	0.43%	0.072%
2	3.349	43	46	54	VV 6	4132	68113	0.14%	0.024%
3	3.520	68	75	80	PV 6	2186	33462	0.07%	0.012%
4	3.584	80	86	95	VV	13947	236396	0.50%	0.085%
5	3.719	100	109	115	VV 5	6540	229643	0.49%	0.082%
6	3.766	115	117	119	VV 3	3589	36419	0.08%	0.013%
7	3.807	122	124	130	VV 6	3081	62347	0.13%	0.022%
8	4.230	192	196	201	VV 4	2518	37382	0.08%	0.013%
9	5.018	321	330	335	PV 7	5234	135186	0.29%	0.048%
10	5.077	335	340	355	VV 9	5715	196243	0.42%	0.070%
11	5.394	388	394	399	VV 4	3443	77282	0.16%	0.028%
12	5.576	417	425	429	VV 8	2373	63141	0.13%	0.023%
13	5.641	429	436	447	VV 5	3031	84132	0.18%	0.030%
14	5.964	483	491	521	PV	705604	13001069	27.53%	4.651%
15	7.450	738	744	750	PV 7	2145	43351	0.09%	0.016%
16	7.726	786	791	807	PV 3	9306	273595	0.58%	0.098%
17	8.737	955	963	968	VV 7	2103	40513	0.09%	0.014%
18	8.819	972	977	985	VV 5	3336	70265	0.15%	0.025%
19	9.301	1054	1059	1078	VV 5	2350	77300	0.16%	0.028%
20	9.930	1147	1166	1186	PV	1703938	32754709	69.36%	11.717%
21	10.077	1186	1191	1204	VB 9	1662	44311	0.09%	0.016%
22	11.869	1490	1496	1502	VV 5	2200	36745	0.08%	0.013%
23	12.045	1518	1526	1529	VV 5	1868	40766	0.09%	0.015%
24	12.662	1626	1631	1637	PV 6	2071	39633	0.08%	0.014%
25	13.432	1749	1762	1781	VV	2366866	43705396	92.55%	15.634%
26	13.579	1781	1787	1795	VV 2	7618	150649	0.32%	0.054%
27	14.260	1895	1903	1909	VV 8	2423	43793	0.09%	0.016%
28	15.694	2143	2147	2155	VV 6	2040	40848	0.09%	0.015%
29	16.745	2319	2326	2337	BV 4	3826	79886	0.17%	0.029%
30	17.145	2390	2394	2401	PV 3	7356	104261	0.22%	0.037%
31	17.662	2475	2482	2489	PV 5	3575	63005	0.13%	0.023%
32	18.567	2625	2636	2654	PV	2457188	47223522	100.00%	16.892%
33	18.684	2654	2656	2661	VV 4	1333	15792	0.03%	0.006%
34	18.961	2696	2703	2710	PV 6	1920	40981	0.09%	0.015%
35	20.541	2960	2972	2985	PV	1169047	22535607	47.72%	8.061%
36	21.393	3112	3117	3126	PV 4	9209	145342	0.31%	0.052%
37	22.580	3310	3319	3327	PV 2	18516	336142	0.71%	0.120%

38	22.950	3370	3382	3402	VV	2	2146947	45211747	95.74%	16.173%
39	23.109	3402	3409	3424	VV	3	22044	580060	1.23%	0.207%
40	25.089	3740	3746	3757	VV	3	1793	44603	0.09%	0.016%
41	30.800	4703	4718	4750	PV	2	1481281	34299683	72.63%	12.269%
42	30.994	4750	4751	4759	VV	7	7358	186475	0.39%	0.067%
43	31.052	4759	4761	4763	VV	3	4537	55360	0.12%	0.020%
44	31.070	4763	4764	4779	VV	6	4382	158057	0.33%	0.057%
45	31.381	4810	4817	4824	VV	7	1995	56910	0.12%	0.020%
46	32.034	4917	4928	4941	PV	3	12489	267898	0.57%	0.096%
47	33.238	5125	5133	5143	PV	2	39079	846813	1.79%	0.303%
48	33.309	5143	5145	5149	VV	3	1170	11762	0.02%	0.004%
49	34.366	5316	5325	5349	PV	2	76123	1755544	3.72%	0.628%
50	34.519	5349	5351	5358	VV	4	2118	50020	0.11%	0.018%
51	34.701	5371	5382	5421	VV	2	904477	23670017	50.12%	8.467%
52	34.936	5421	5422	5434	VV	6	7770	249952	0.53%	0.089%
53	35.024	5434	5437	5447	VV	9	5031	164889	0.35%	0.059%
54	35.418	5492	5504	5523	VV	2	108607	2482774	5.26%	0.888%
55	35.541	5523	5525	5531	VV	7	4190	92705	0.20%	0.033%
56	36.499	5676	5688	5700	VV	3	93588	2583392	5.47%	0.924%
57	36.576	5700	5701	5704	VV	3	4680	56075	0.12%	0.020%
58	37.774	5888	5905	5925	VV	2	72427	2444548	5.18%	0.874%
59	37.903	5925	5927	5928	VV	2	2388	26963	0.06%	0.010%
60	39.337	6156	6171	6188	PV	2	47130	1894500	4.01%	0.678%

Sum of corrected areas: 279559021

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050902\9154.D
Operator : Mclean
Acquired : 10 May 2002 6:47 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/8 eh
Misc Info :
Vial Number: 19
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050902\9154.D
Acq On : 10 May 2002 6:47 am
Sample : 5/8 eh
Misc :
MS Integration Params: LSCINT.e

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

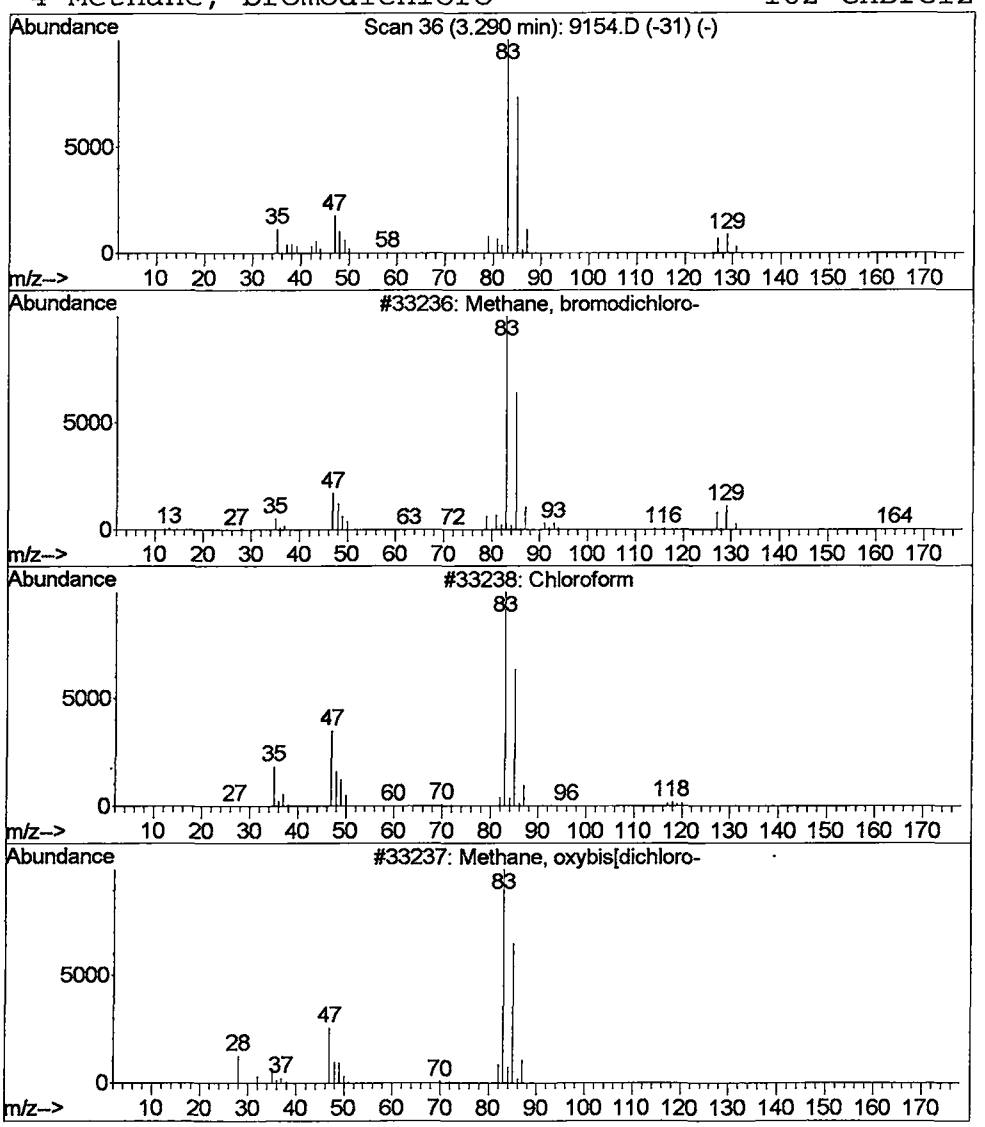
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

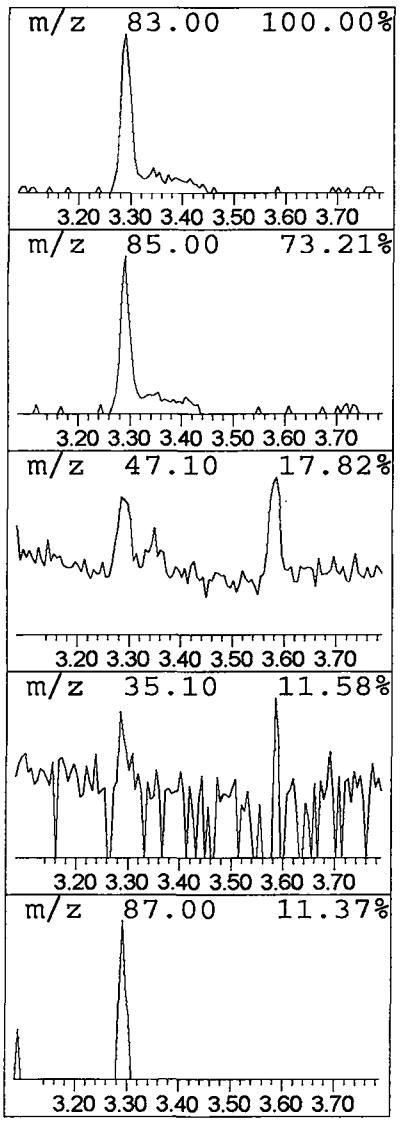
****

Peak Number 1 Methane, bromodichloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	0.25 ug/L	201048	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
2	Chloroform	118	CHCl3	000067-66-3	78
3	Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	78
4	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74





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Acq On : 10 May 2002 6:47 am
Sample : 5/8 eh
Misc :
MS Integration Params: LSCINT.e

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

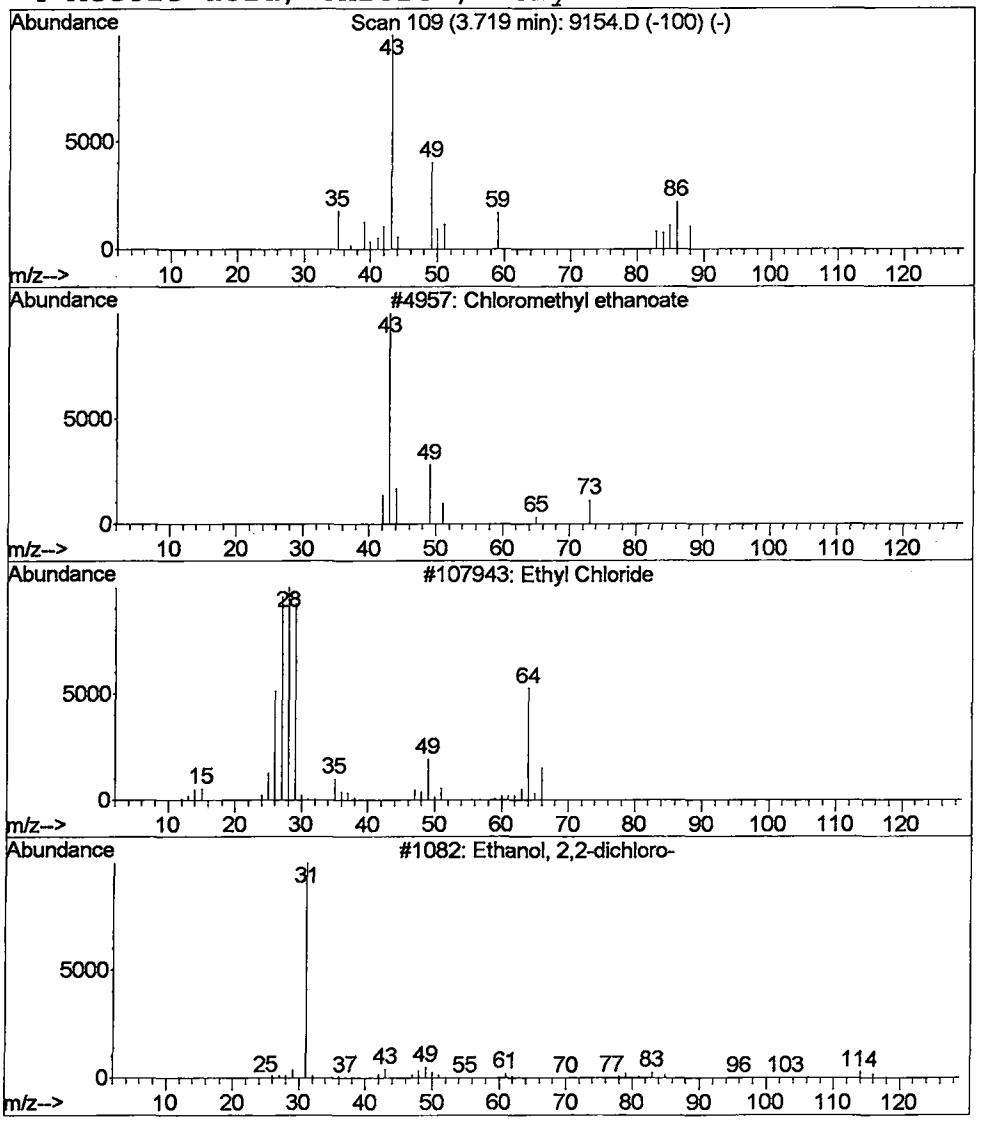
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

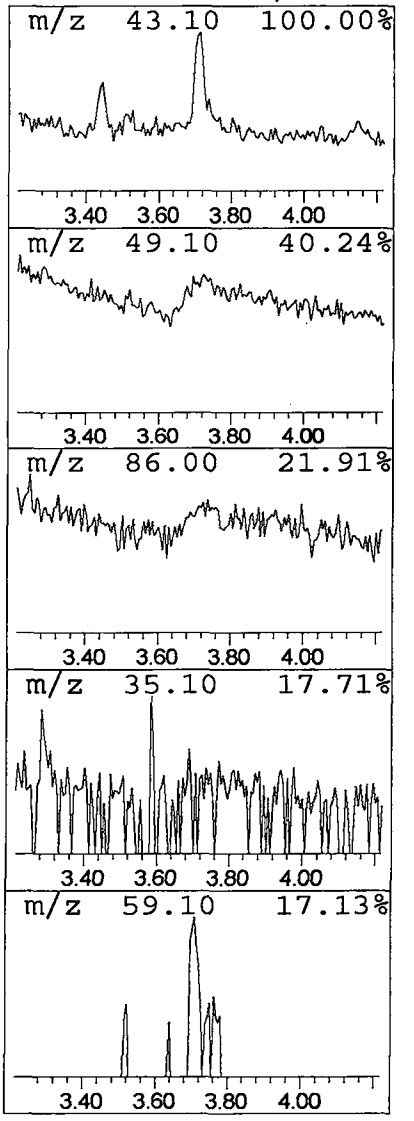
****

Peak Number 2 Chloromethyl ethanoate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	0.28 ug/L	229643	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloromethyl ethanoate	108	C3H5ClO2	1000143-34-6	4
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
3	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-8	2
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	1





Library Search Compound Report

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Sample : 5/8 eh
Misc :
MS Integration Params: LSCINT.e

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

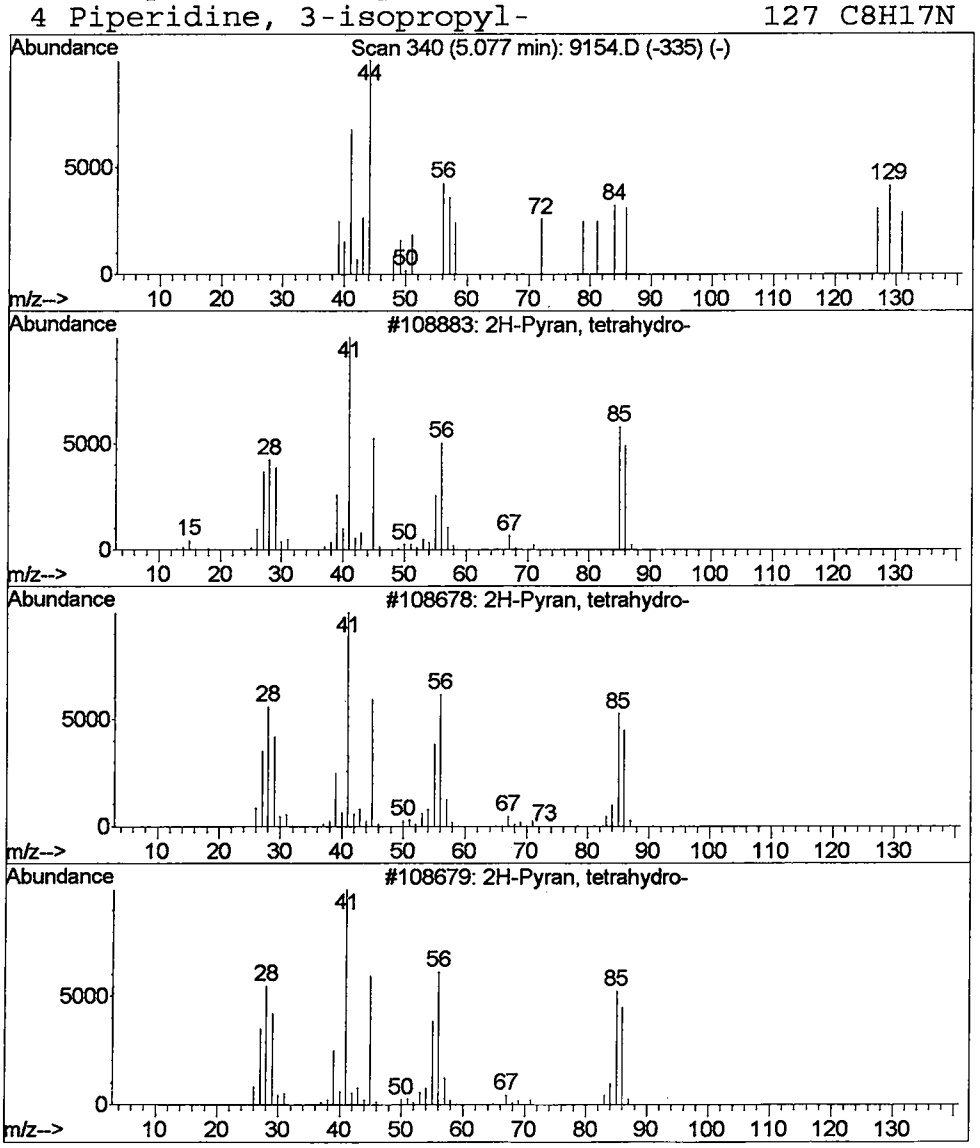
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

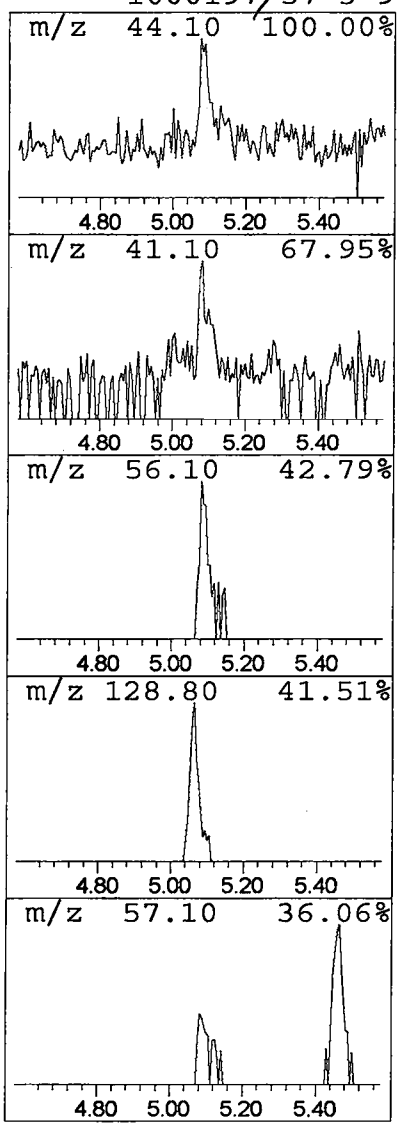
****

Peak Number 3 2H-Pyran, tetrahydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	0.24 ug/L	196243	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-	86	C5H10O	000142-68-7	9
2	2H-Pyran, tetrahydro-	86	C5H10O	000142-68-7	9
3	2H-Pyran, tetrahydro-	86	C5H10O	000142-68-7	9
4	Piperidine, 3-isopropyl-	127	C8H17N	1000197-57-3	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050902\9154.D
Acq On : 10 May 2002 6:47 am
Sample : 5/8 eh
Misc :
MS Integration Params: LSCINT.e

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

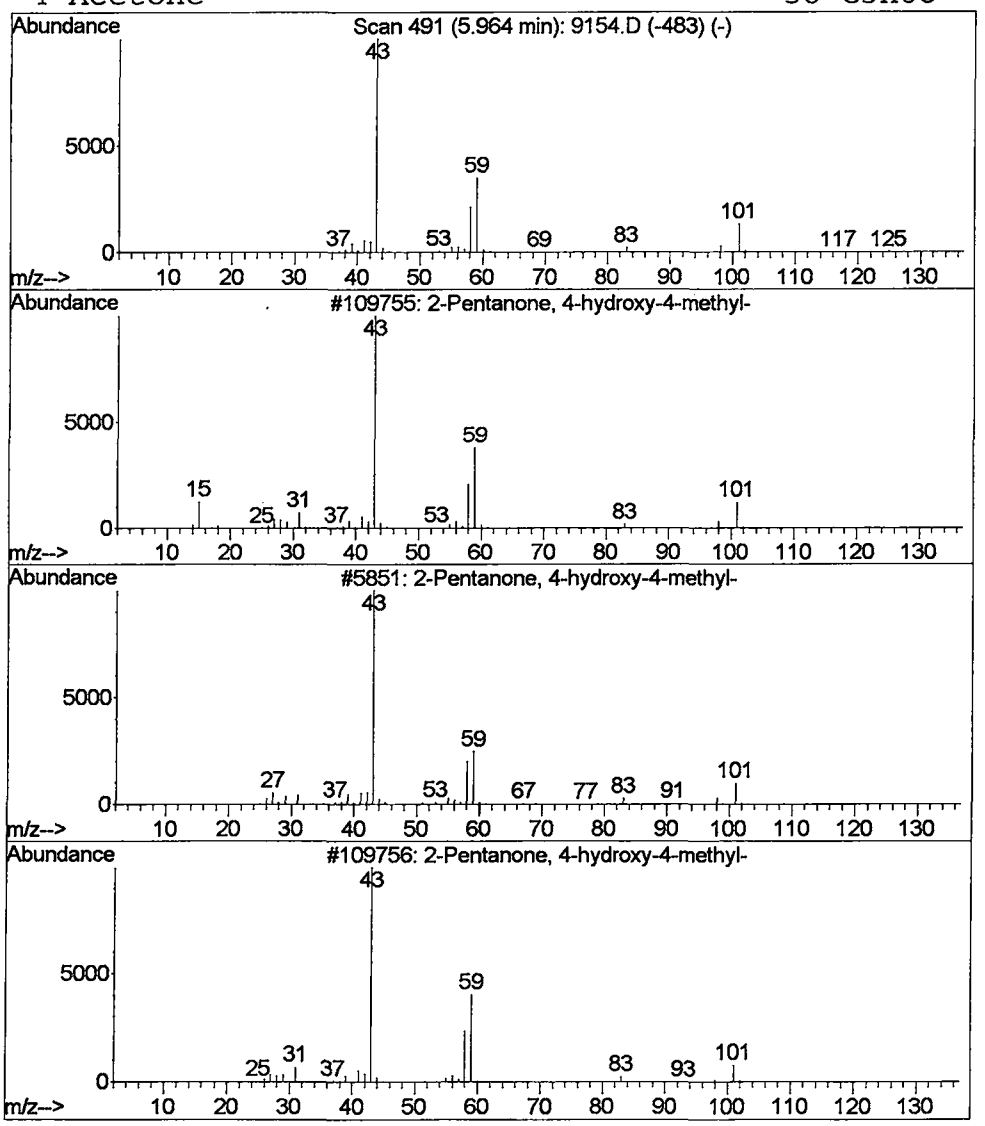
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

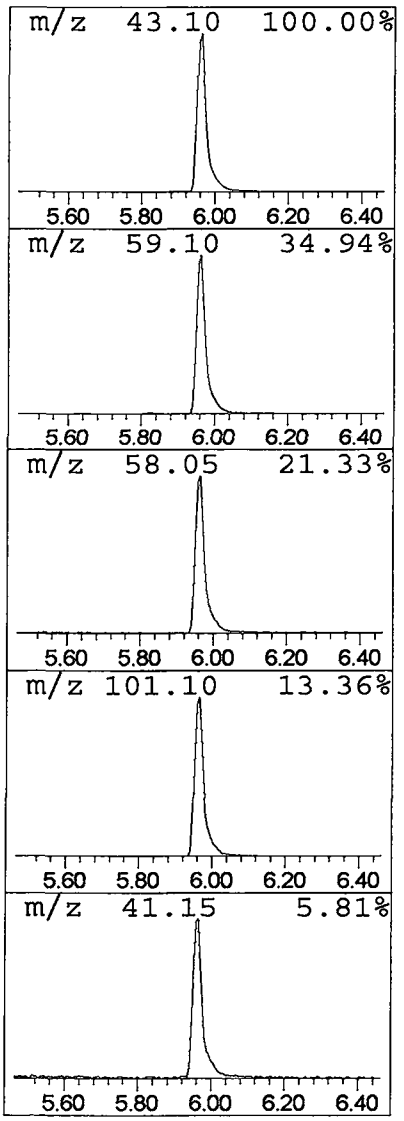
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	15.88 ug/L	13001100	1,4-Dichlorobenzene-d4	9.93

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	72
4	Acetone	58	C3H6O	000067-64-1	32





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050902\9154.D
Acq On : 10 May 2002 6:47 am
Sample : 5/8 eh
Misc :
MS Integration Params: LSCINT.e

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

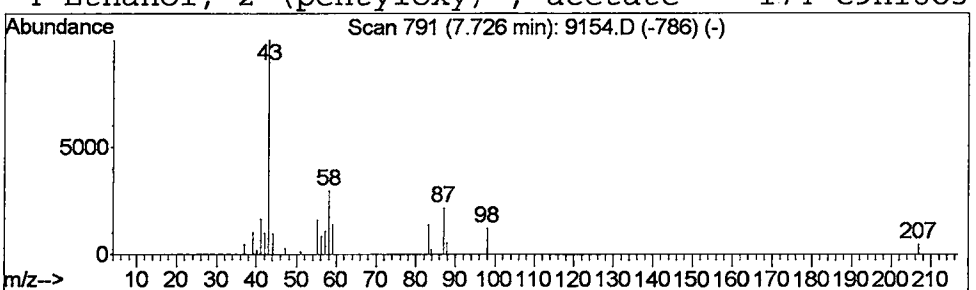
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

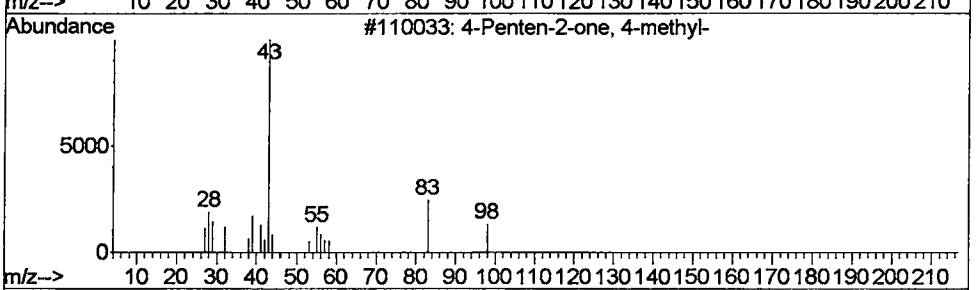
****

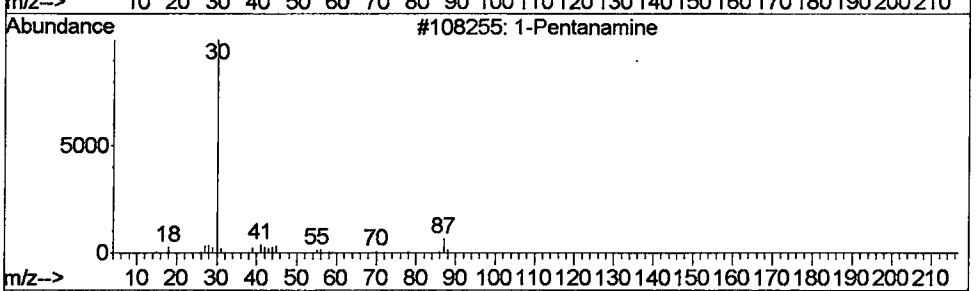
Peak Number 5 4-Penten-2-one, 4-methyl- Concentration Rank 10

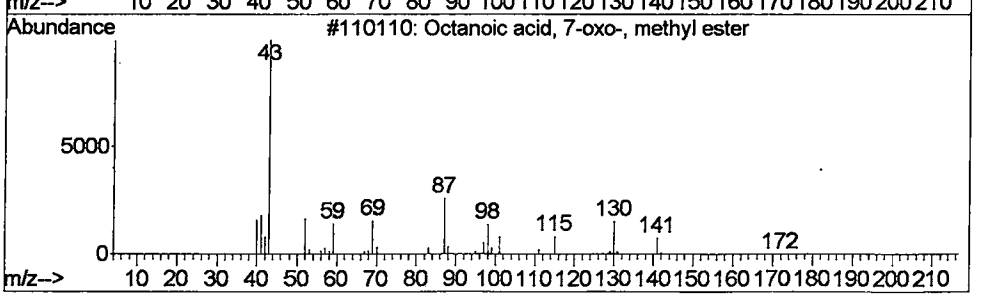
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.33 ug/L	273595	1,4-Dichlorobenzene-d4	9.93

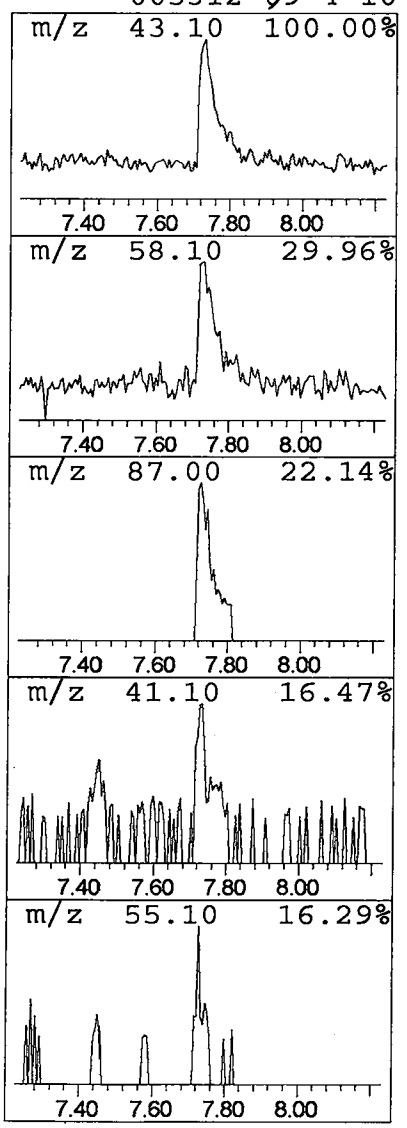
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	12
2	1-Pentanamine	87	C5H13N	000110-58-7	12
3	Octanoic acid, 7-oxo-, methyl ester	172	C9H16O3	016493-42-8	12
4	Ethanol, 2-(pentyloxy)-, acetate	174	C9H18O3	005312-09-4	10











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Sample : 5/8 eh
Misc :
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Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

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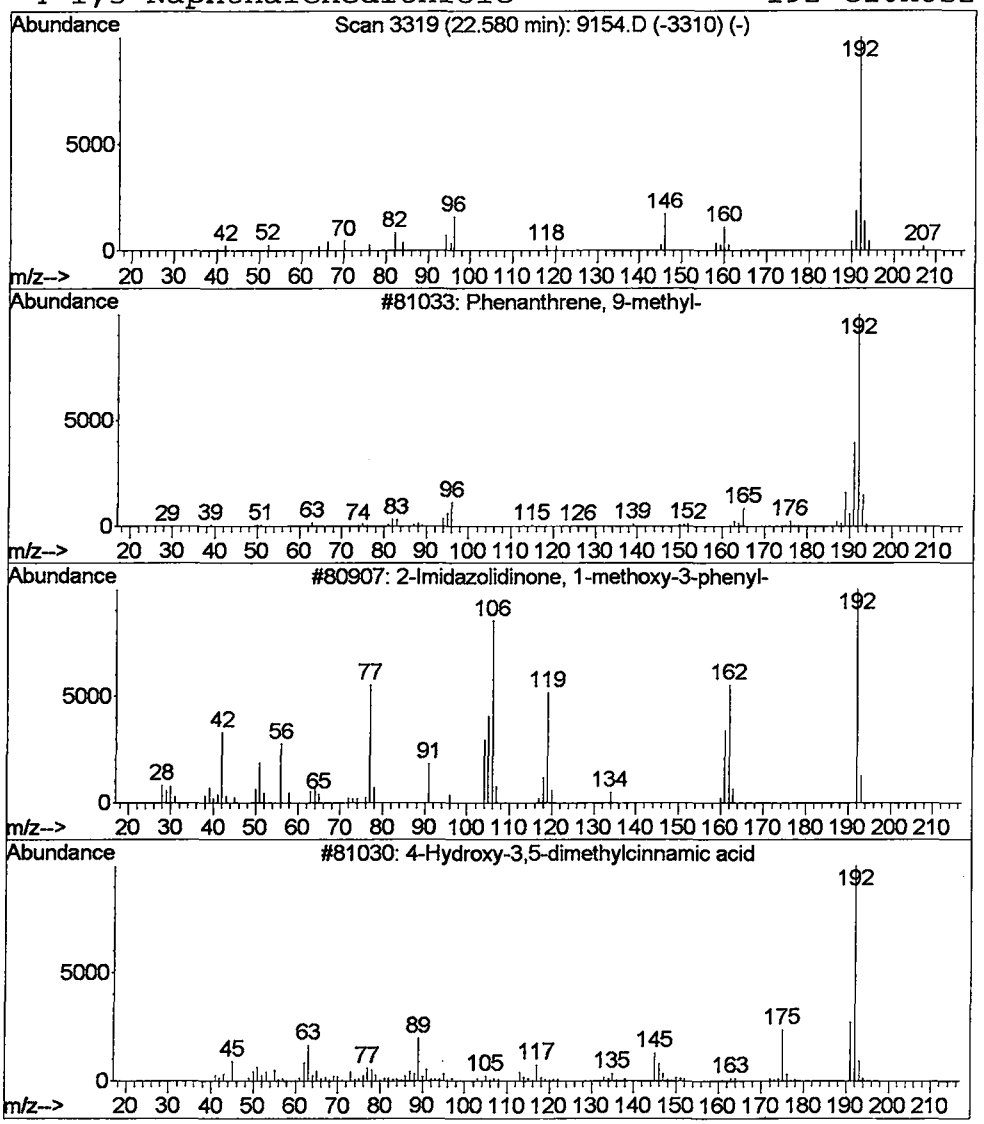
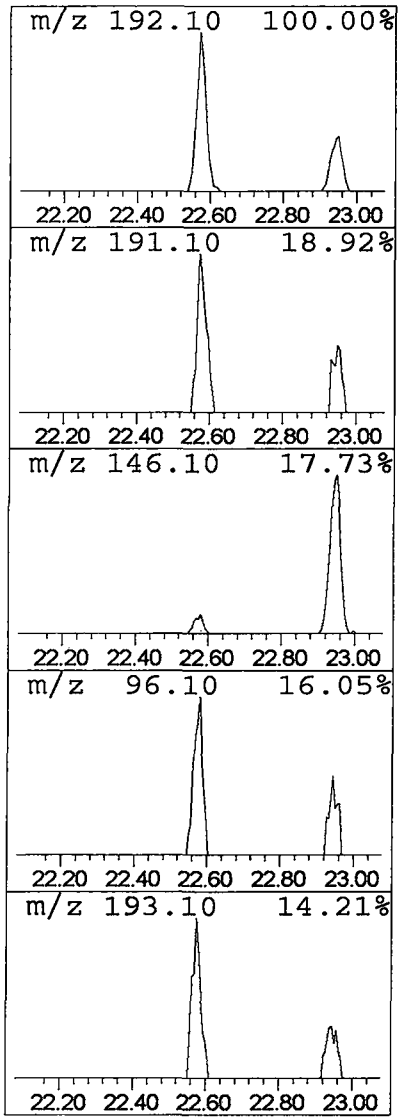
Peak Number 6 Phenanthrene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.30 ug/L	336142	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	42
2	2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	38
3	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	38
4	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	36





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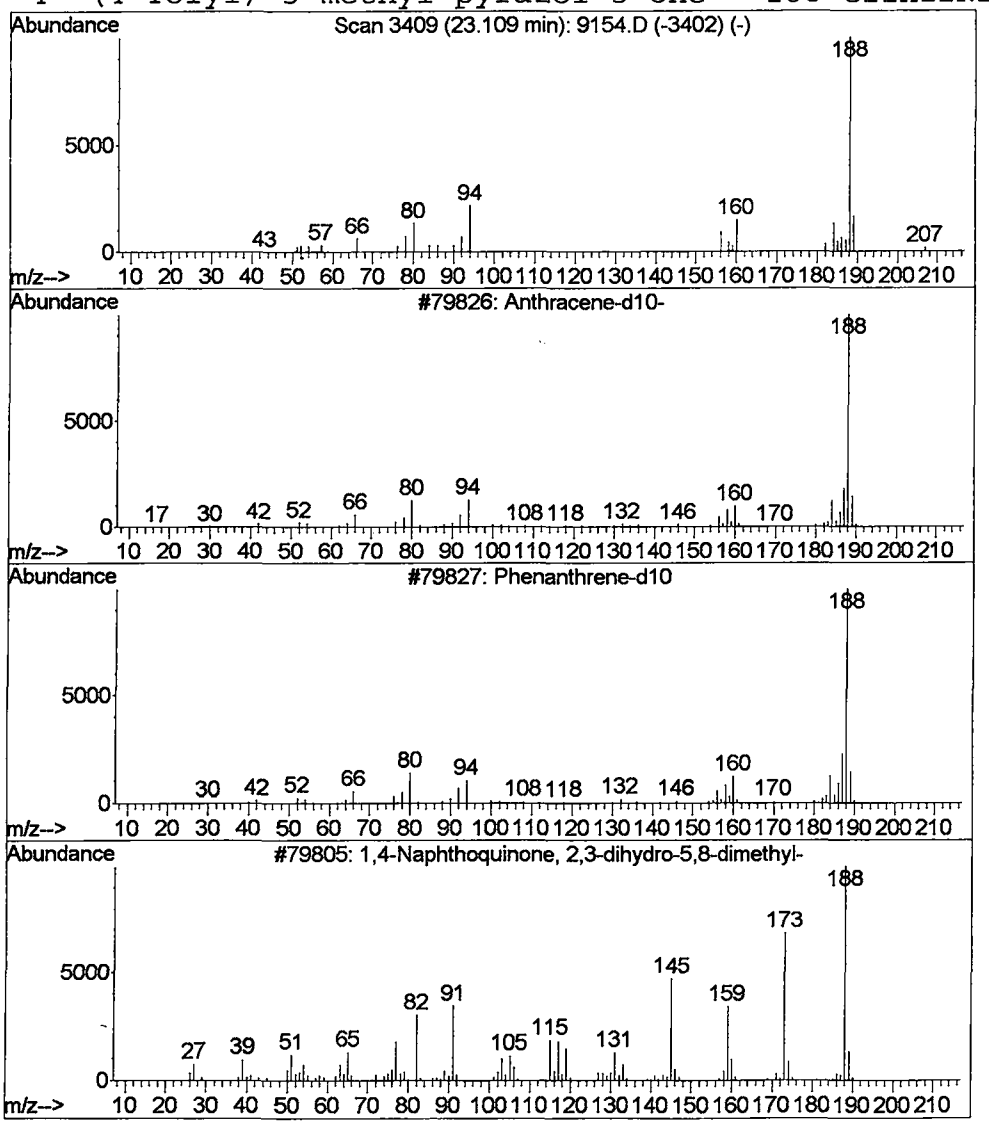
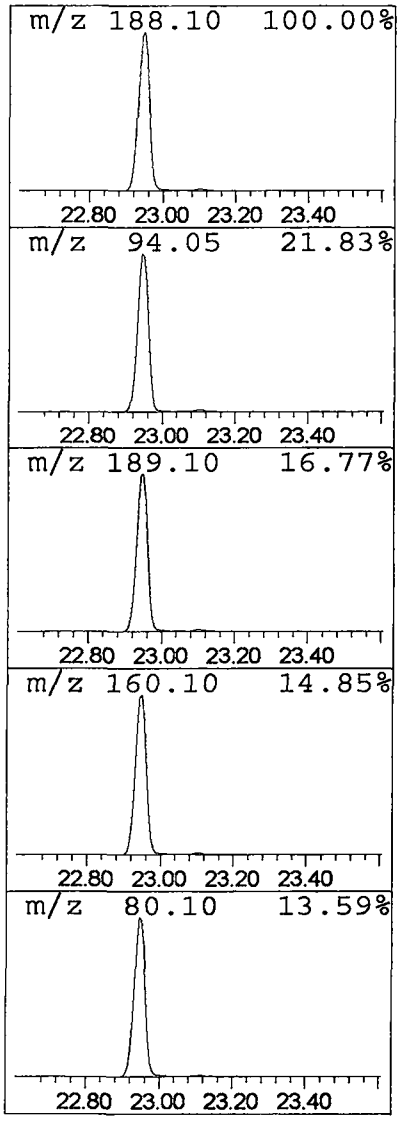
Peak Number 7 Anthracene-d10- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.51 ug/L	580060	Phenanthranene-d10	22.95

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	83
3	1,4-Naphthoquinone, 2,3-dihydro-...	188	C12H12O2	1000157-22-3	38
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	37





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Library : C:\DATABASE\NIST98.L

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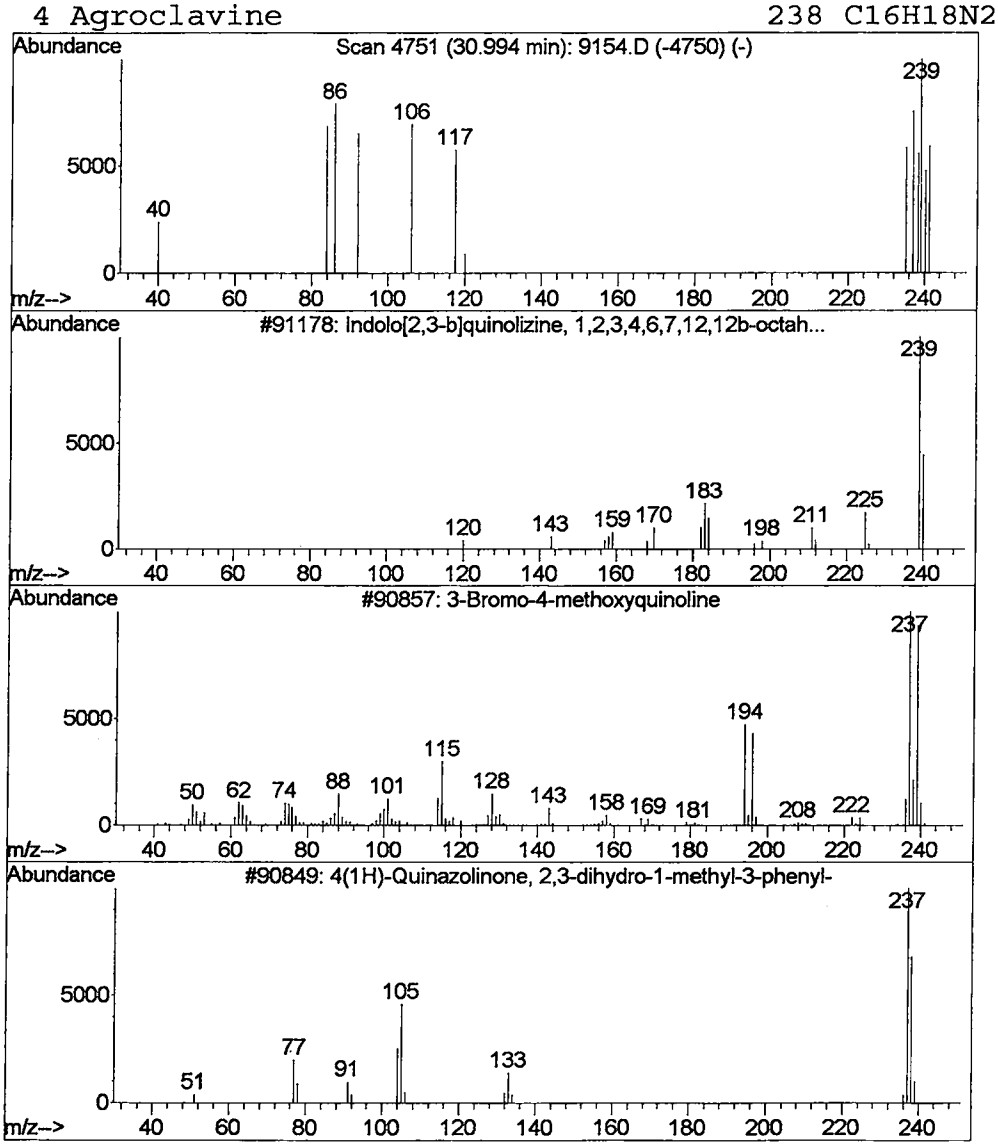
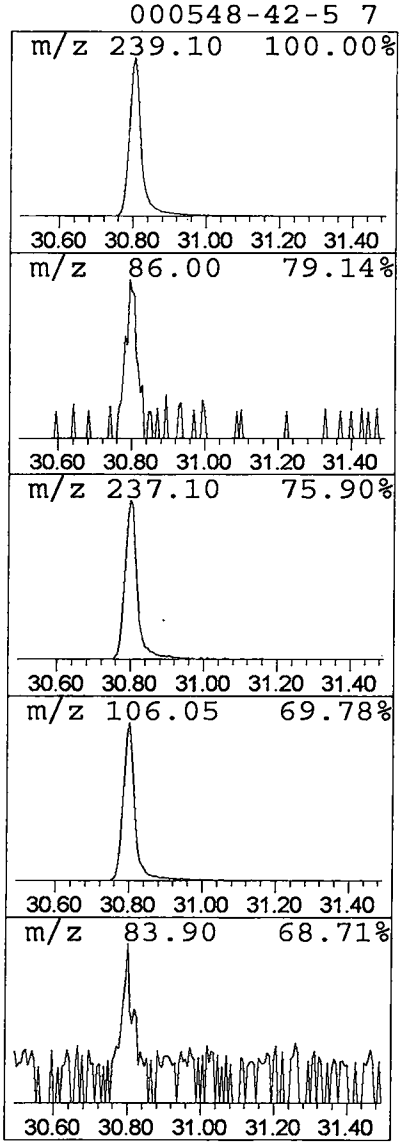
Peak Number 8 Indolo[2,3-b]quinolizine, 1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.99	0.22 ug/L	186475	Chrysene-d12	30.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolo[2,3-b]quinolizine, 1,2,3,...	240	C16H20N2	013233-45-9	9
2	3-Bromo-4-methoxyquinoline	237	C10H8BrNO	1000213-62-3	7
3	4(1H)-Quinazolinone, 2,3-dihydro...	238	C15H14N2O	036384-00-6	7
4	Agroclavine	238	C16H18N2	000548-42-5	7





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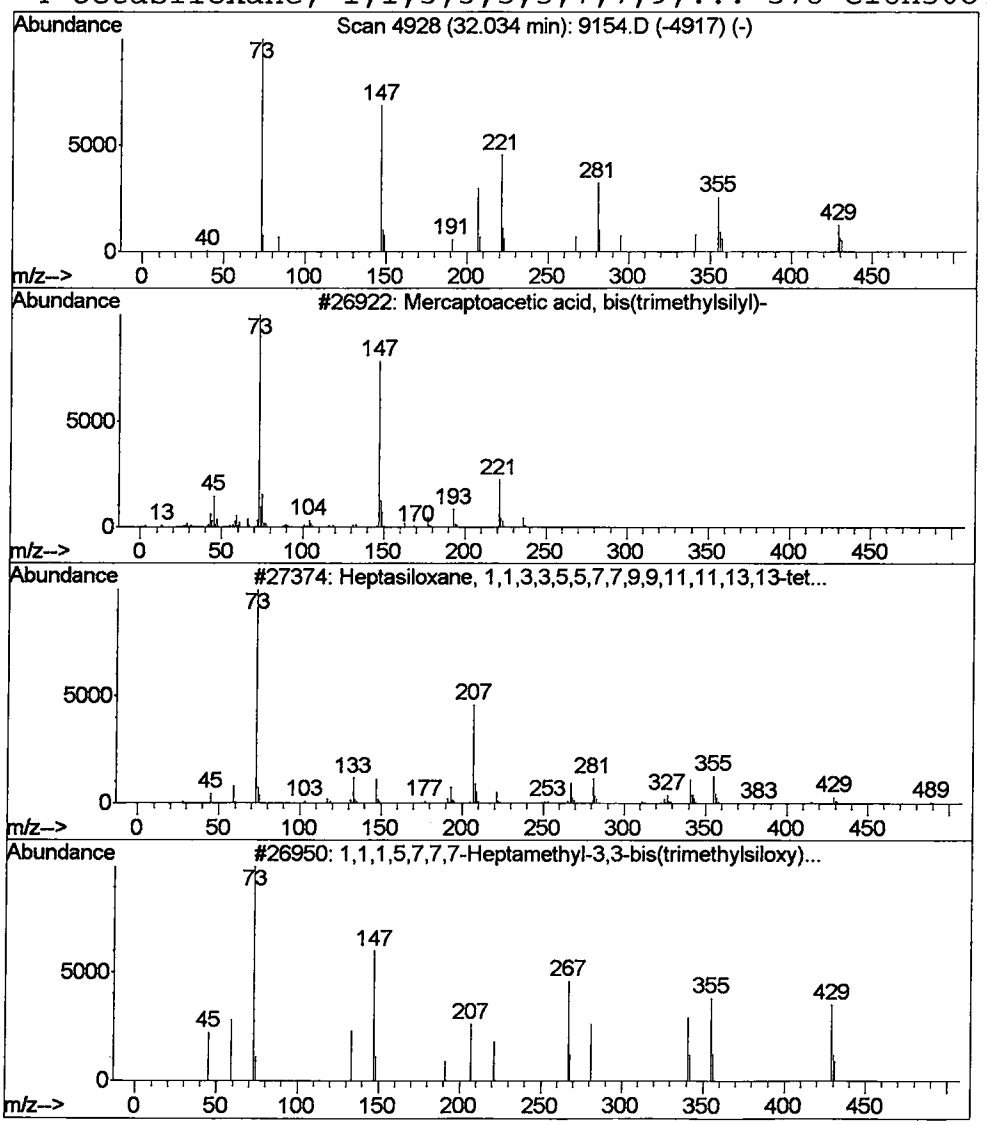
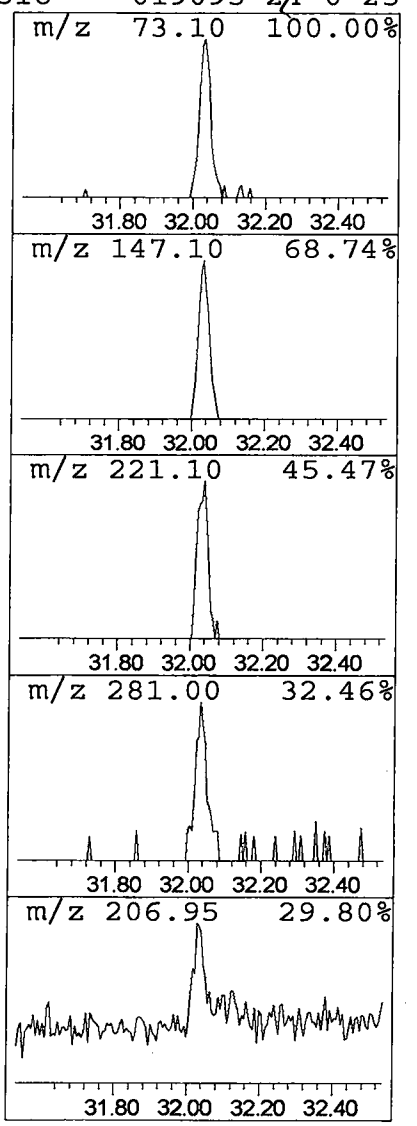
Peak Number 9 Mercaptoacetic acid, bis(tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.04	0.31 ug/L	267898	Chrysene-d12	30.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	38
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	36
4	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	25





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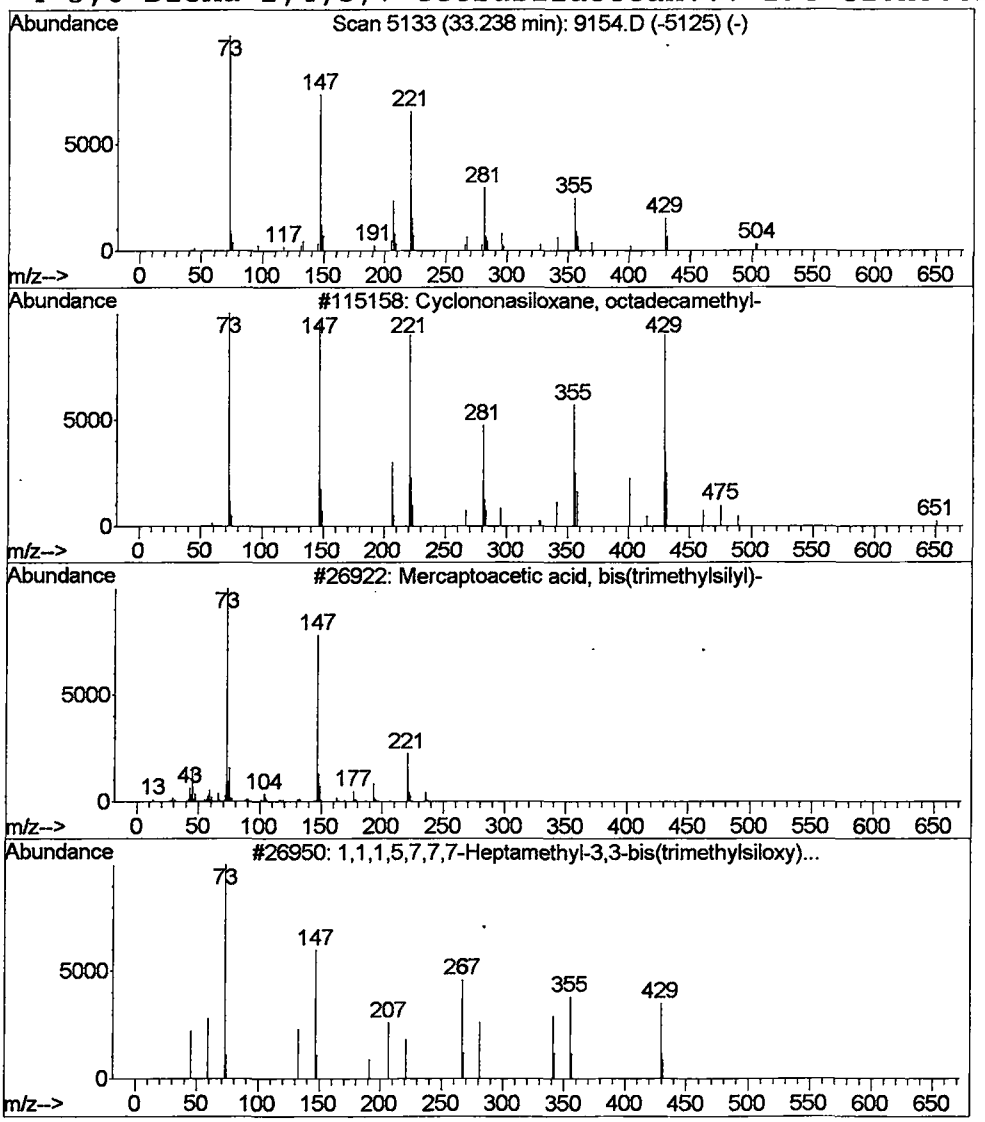
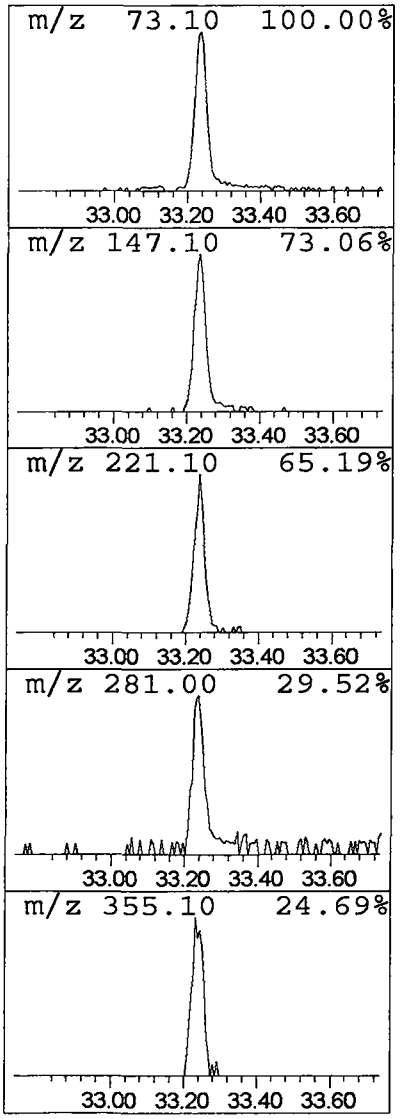
Peak Number 10 Cyclononasiloxane, octadeca... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.24	1.43 ug/L	846813	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	37
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32





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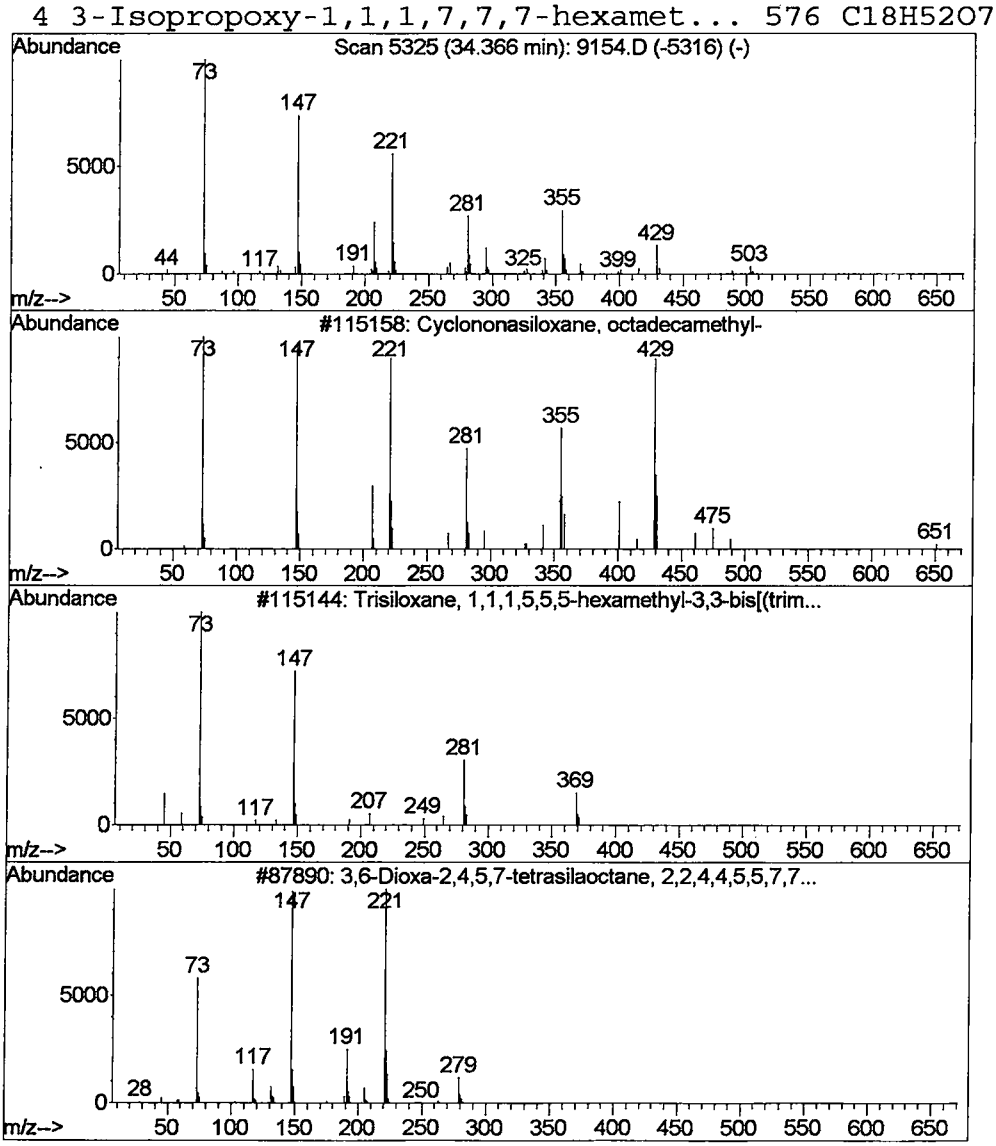
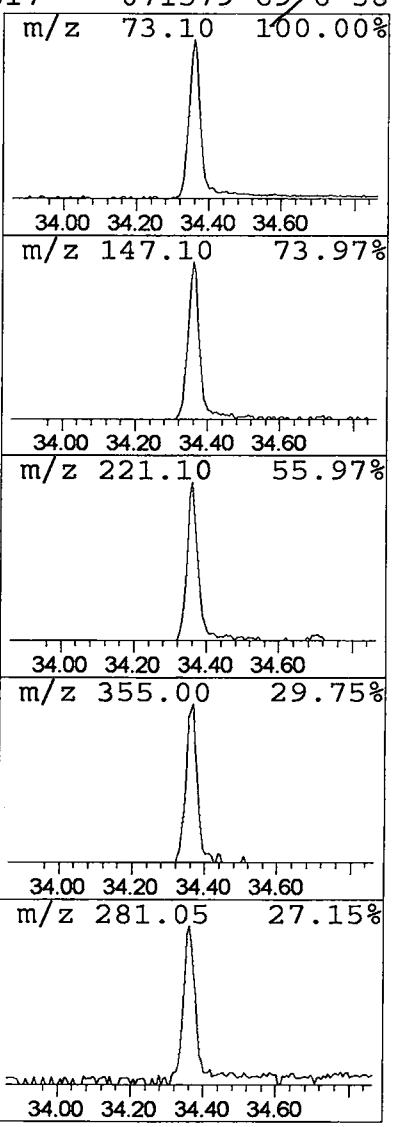
Peak Number 11 Cyclononasiloxane, octadeca... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.36	2.97 ug/L	1755540	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	72
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	38
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	38





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Multiplr: 1.00

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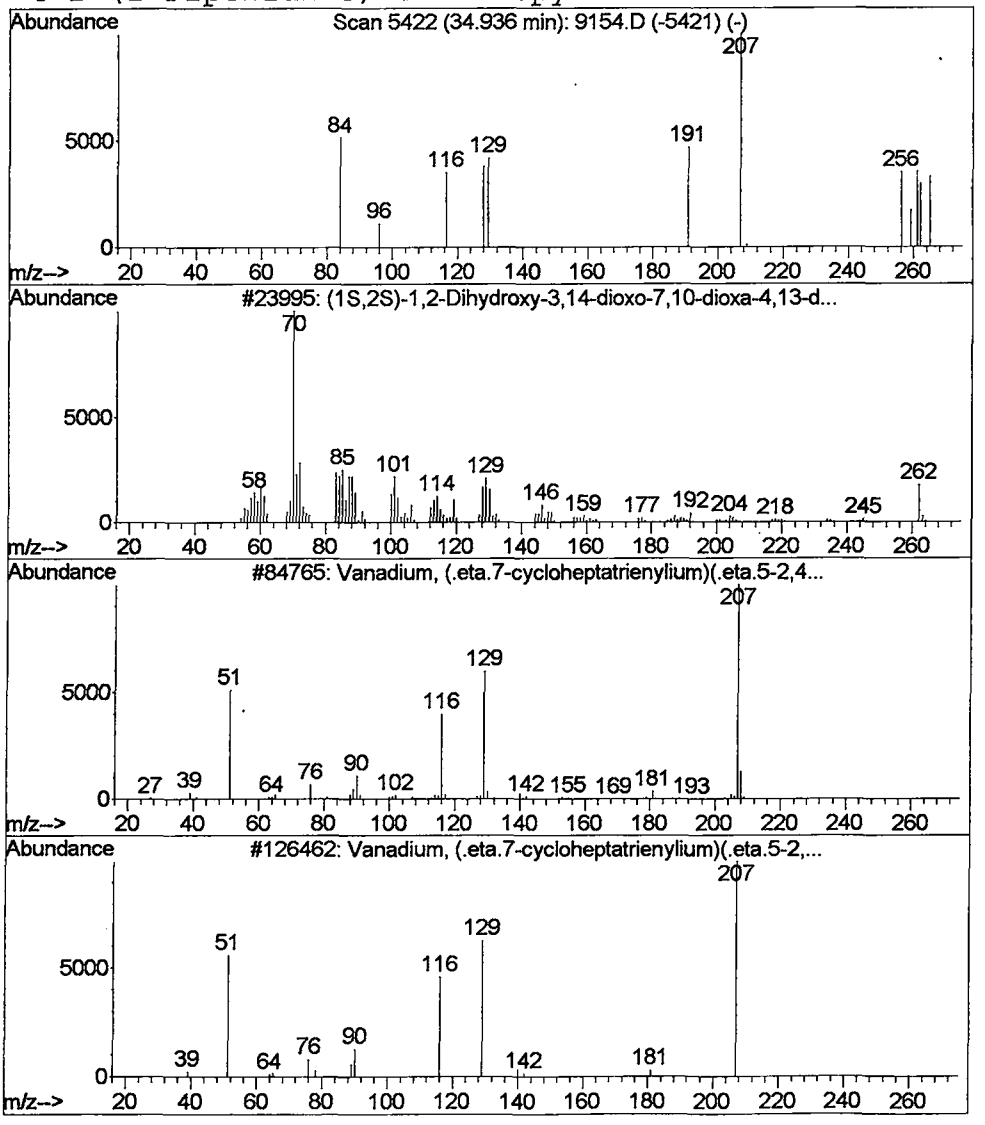
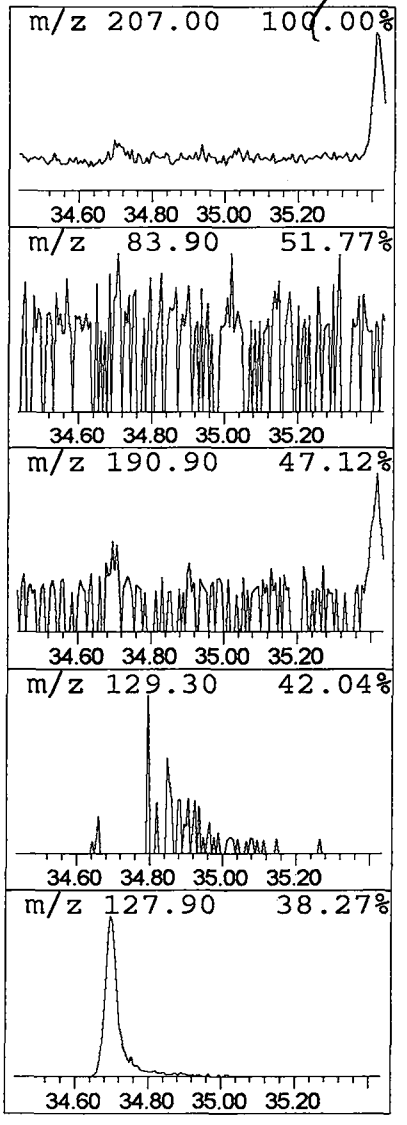
Peak Number 12 (1S,2S)-1,2-Dihydroxy-3,14-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.94	0.42 ug/L	249952	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,2S)-1,2-Dihydroxy-3,14-dioxo...	262	C10H18N2O6	1000111-03-0	16
2	Vanadium, (.eta.7-cycloheptatrie...	207	C12H12V	012636-68-9	12
3	Vanadium, (.eta.7-cycloheptatrie...	207	C12H12V	012636-68-9	12
4	2-(1-Piperidino)-5-nitropyridine	207	C10H13N3O2	026820-61-1	5





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Multiplr: 1.00

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

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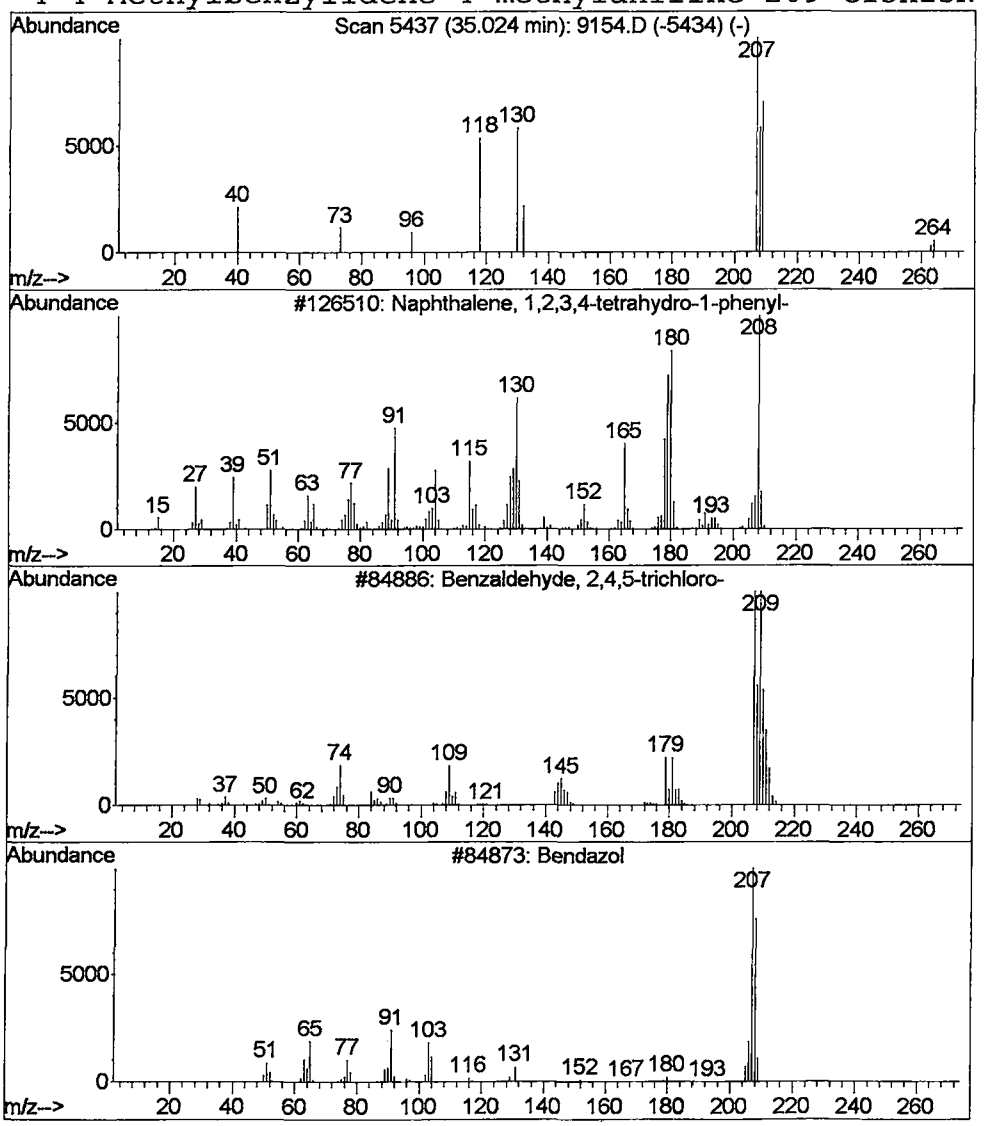
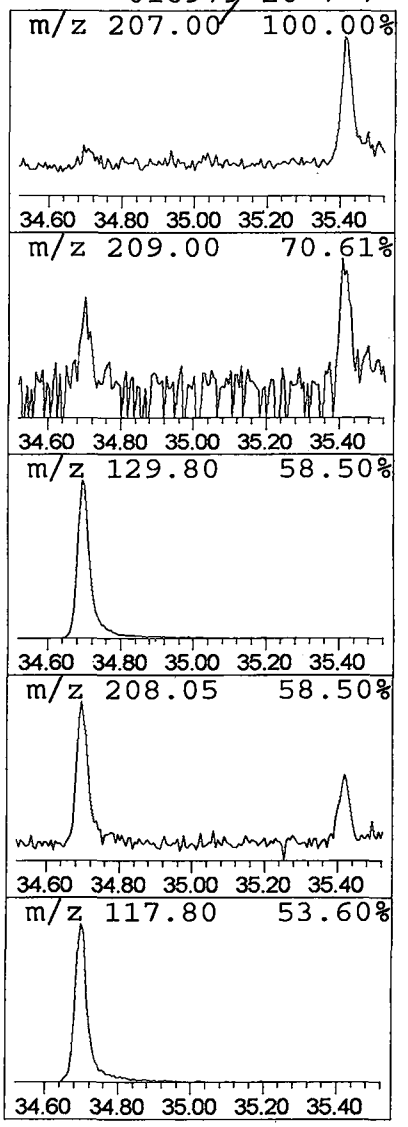
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.02	0.28 ug/L	164889	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	9
2	Benzaldehyde, 2,4,5-trichloro-	208	C7H3Cl3O	035696-87-8	9
3	Bendazol	208	C14H12N2	000621-72-7	7
4	4-Methylbenzylidene-4-methylaniline	209	C15H15N	016979-20-7	7





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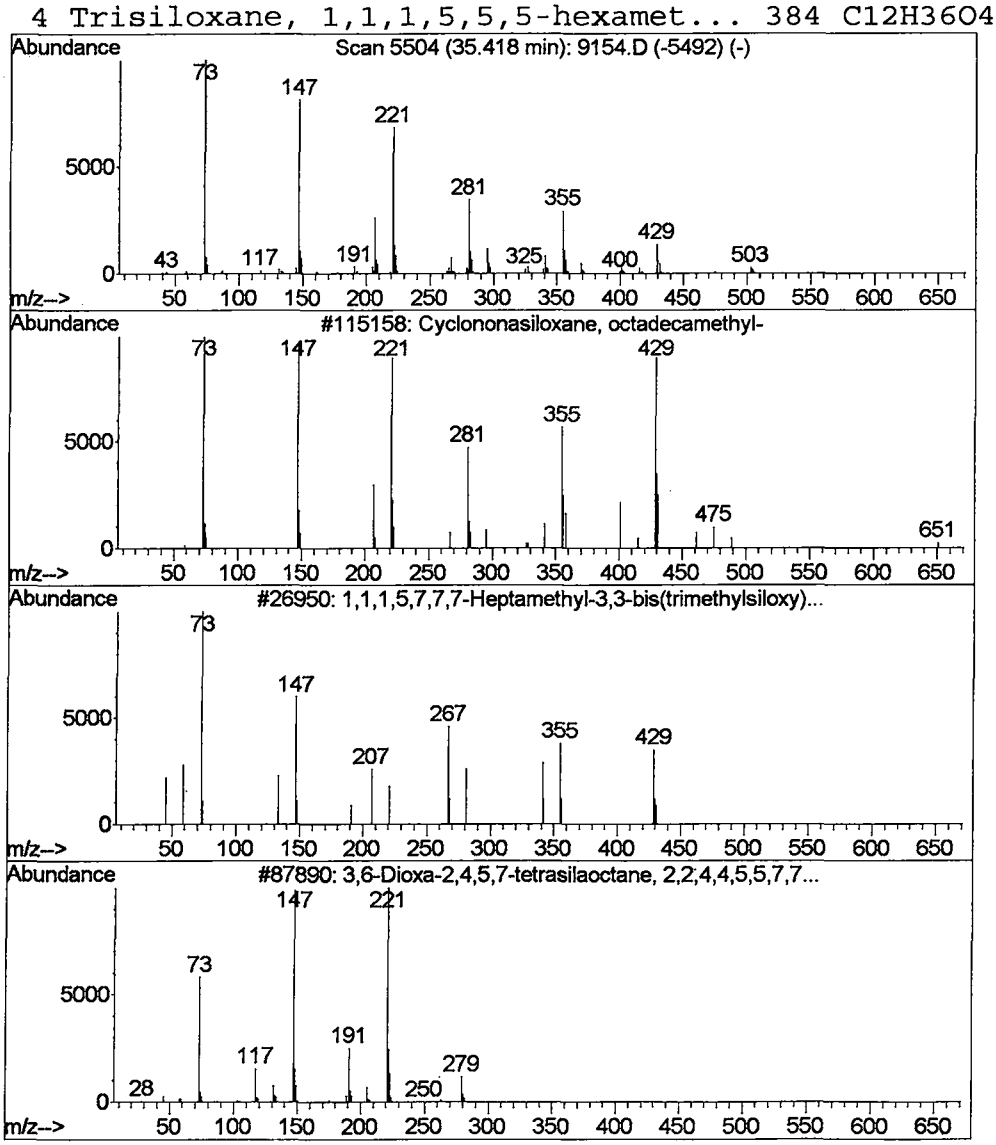
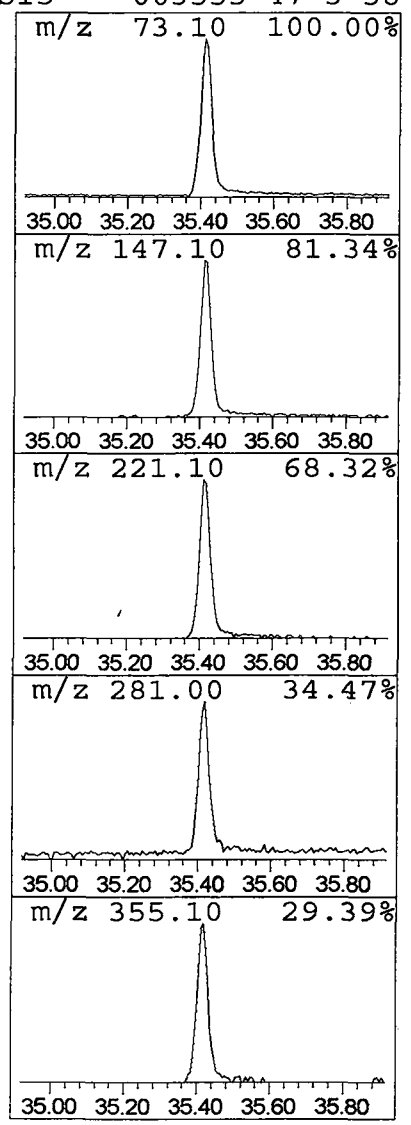
Peak Number 14 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.42	4.20 ug/L	2482770	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	50
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	50
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	38





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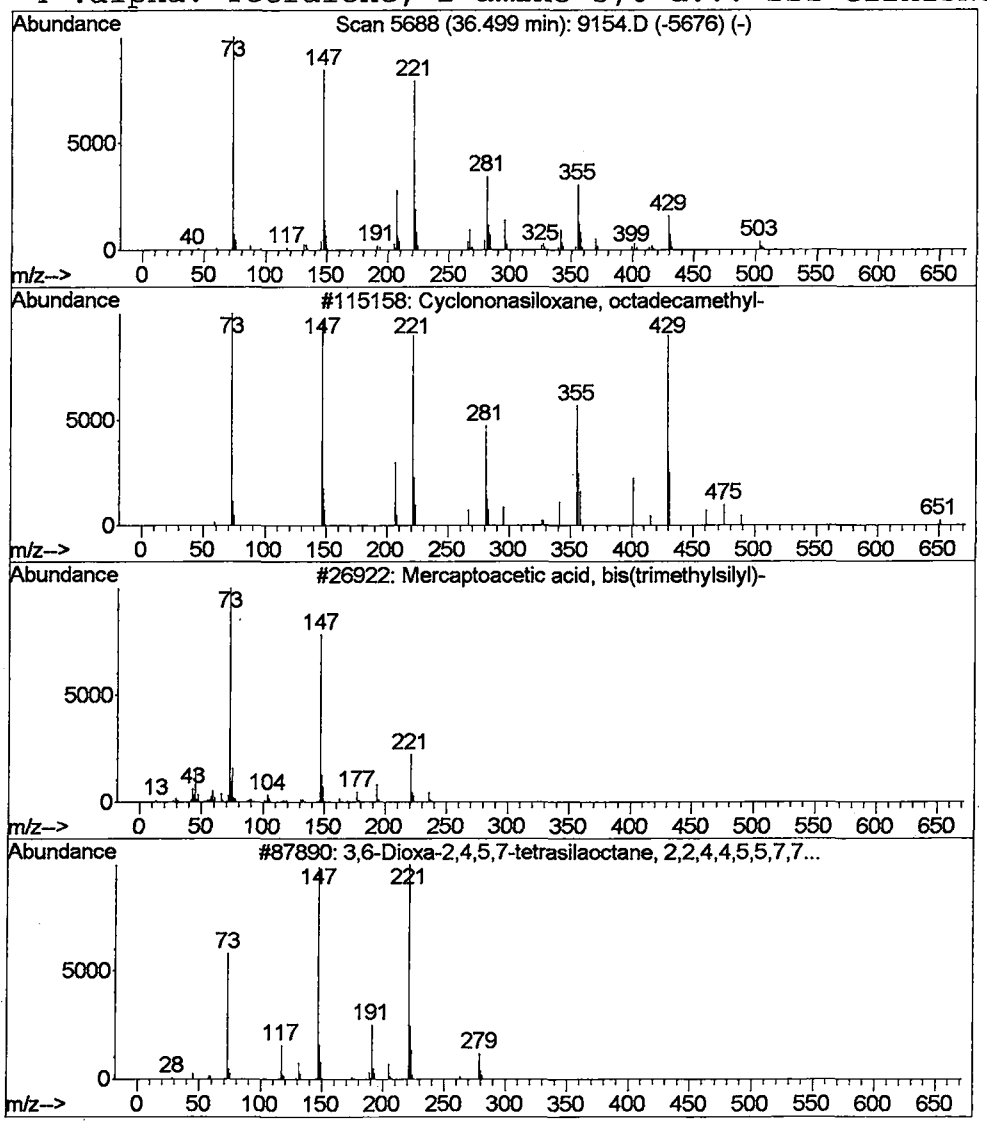
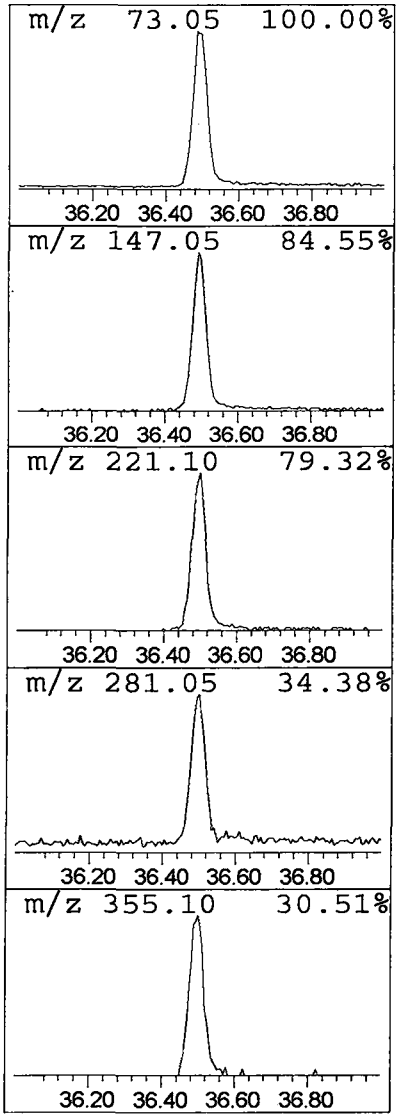
Peak Number 15 Cyclononasiloxane, octadeca... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.50	4.37 ug/L	2583390	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	42
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	42
4	.alpha.-Tetralone, 2-amino-5,6-d...	221	C12H15NO3	1000125-87-7	27





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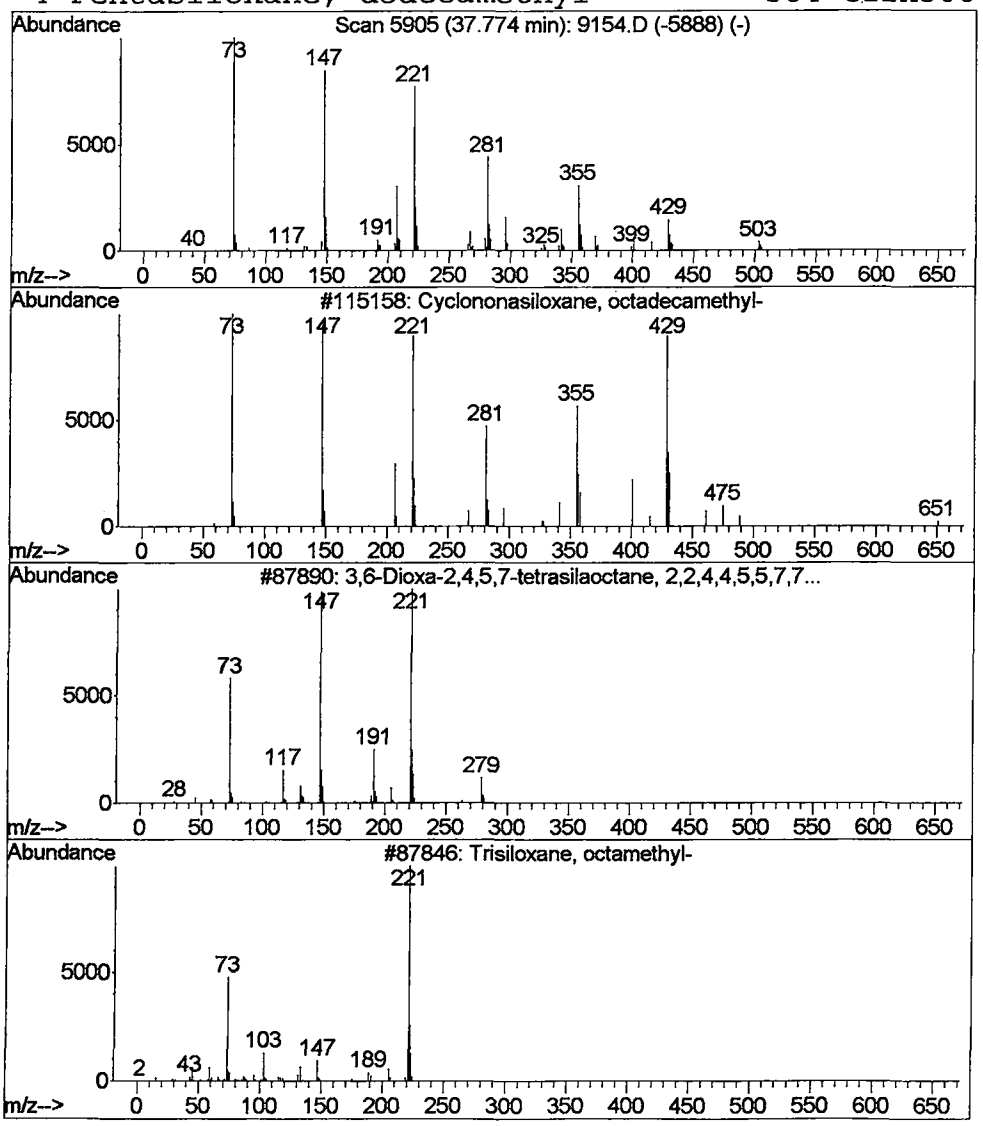
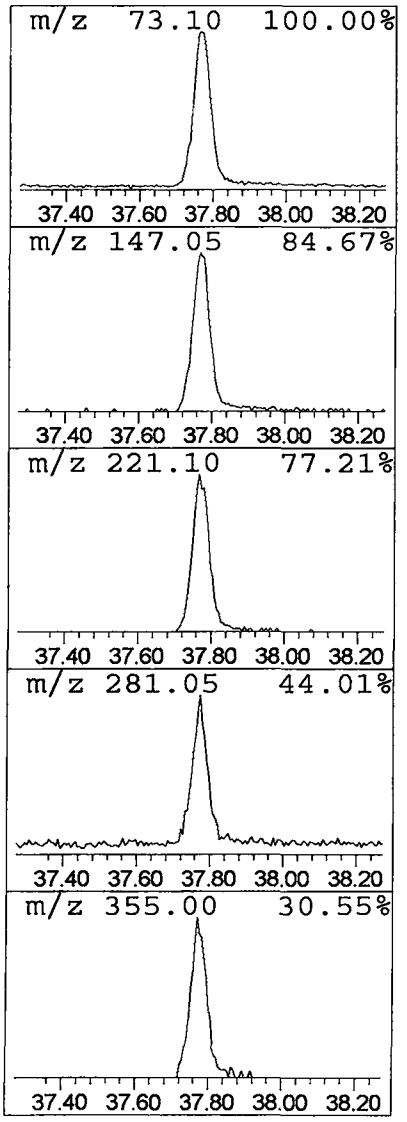
Peak Number 16 Cyclononasiloxane, octadeca... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.78	4.13 ug/L	2444550	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	64
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	40
3	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	35
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	25





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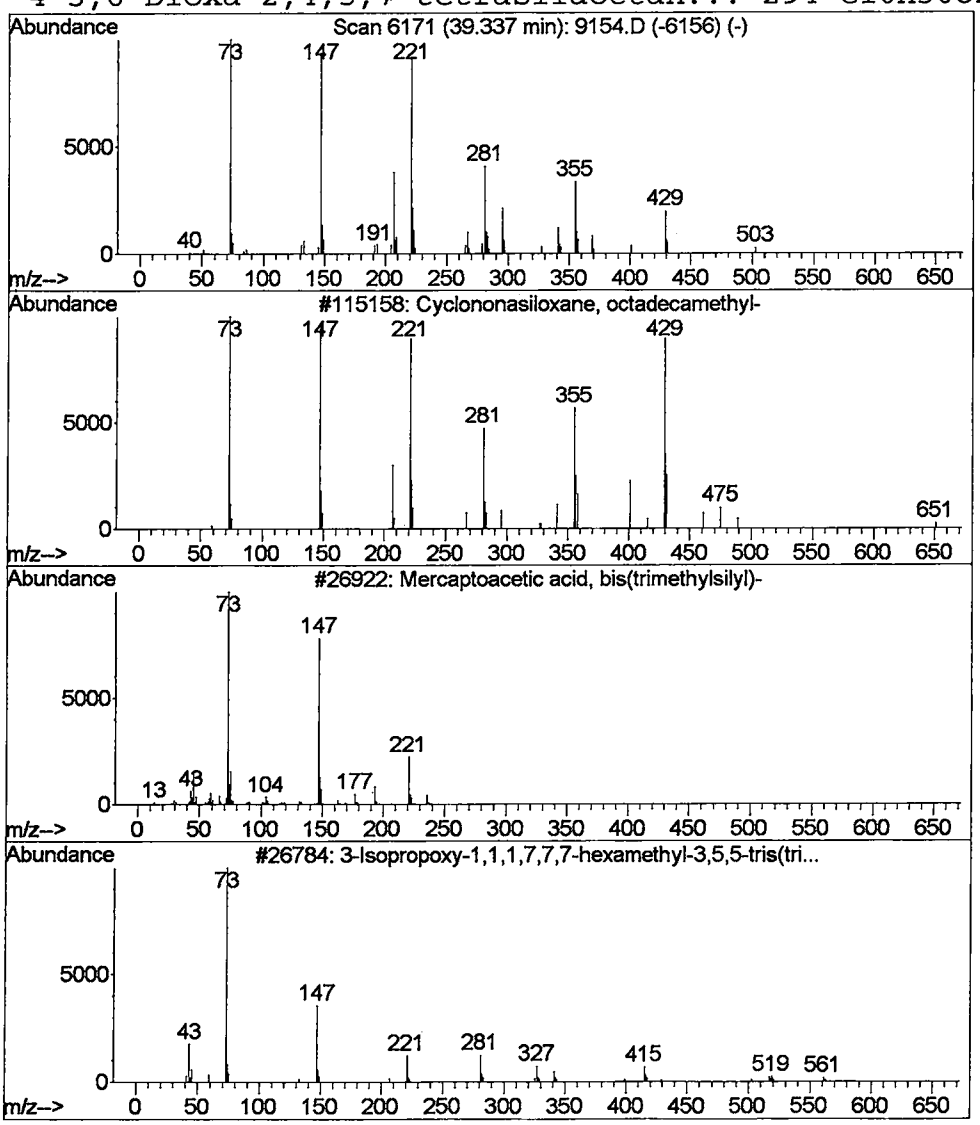
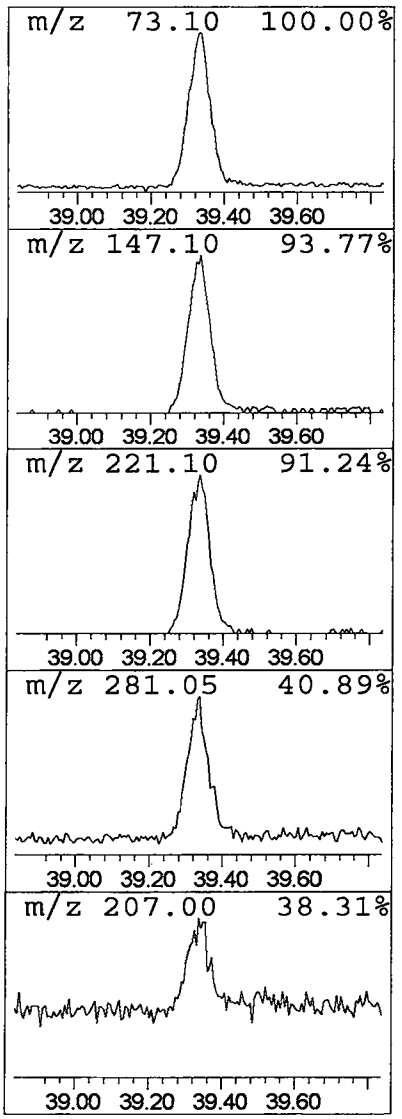
Peak Number 17 Cyclononasiloxane, octadeca... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.34	3.20 ug/L	1894500	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	37
3	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	25
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	25



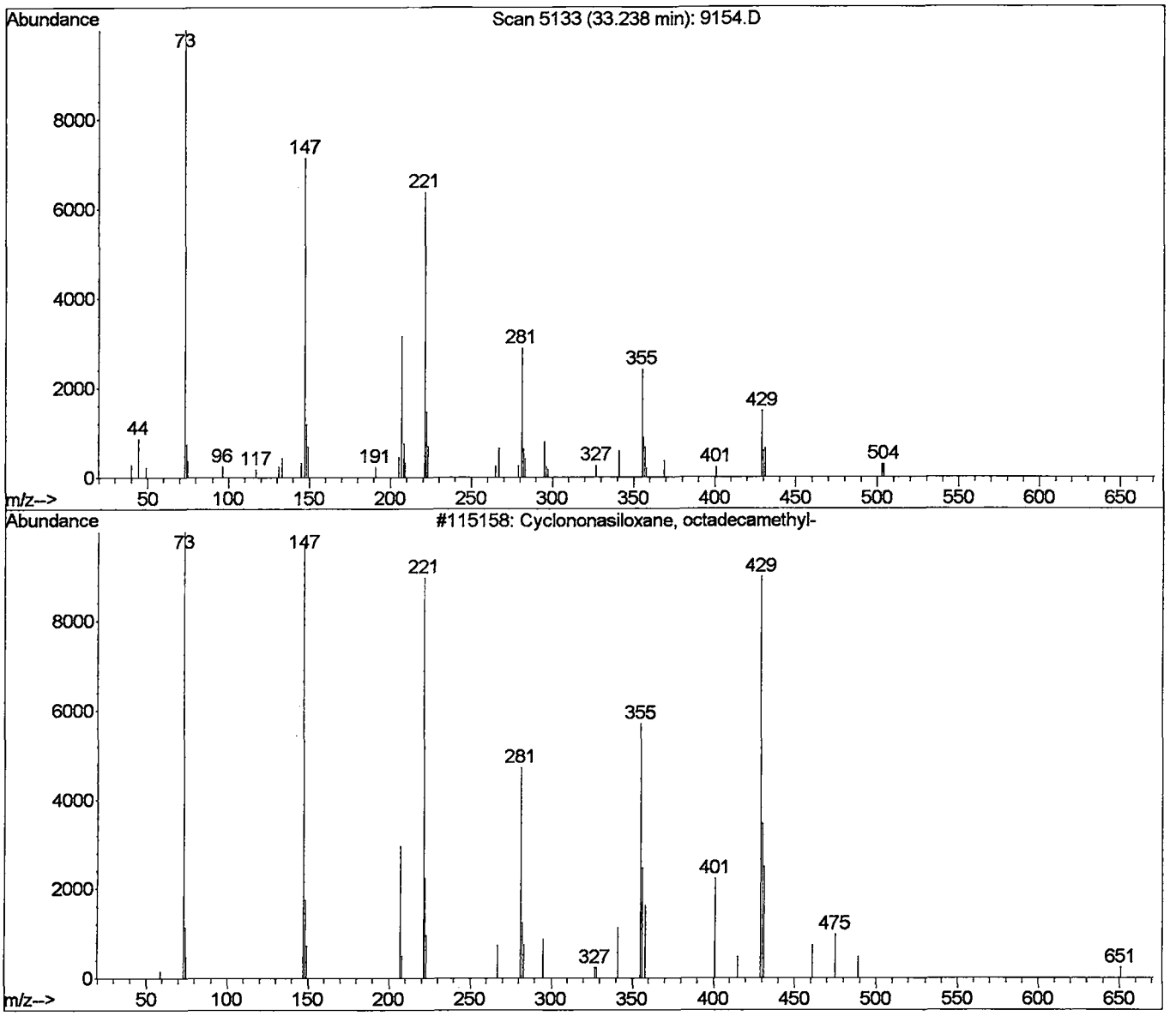


Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 10 May 2002 6:47 am
Data File: C:\MSDCHEM\1\DATA\050902\9154.D
Name: 5/8 eh
Misc:
Method: C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Methane, bromodic...	3.29	0.2	ug/L	201048	1	9.93	32754700	40.0
Chloromethyl etha...	3.72	0.3	ug/L	229643	1	9.93	32754700	40.0
2H-Pyran, tetrahy...	5.08	0.2	ug/L	196243	1	9.93	32754700	40.0
2-Pentanone, 4-hy...	5.96	15.9	ug/L	13001100	1	9.93	32754700	40.0
4-Penten-2-one, 4...	7.73	0.3	ug/L	273595	1	9.93	32754700	40.0
Phenanthrene, 9-m...	22.58	0.3	ug/L	336142	4	22.95	45211700	40.0
Anthracene-d10-	23.11	0.5	ug/L	580060	4	22.95	45211700	40.0
Indolo[2,3-b]quin...	30.99	0.2	ug/L	186475	5	30.80	34299700	40.0
Mercaptoacetic ac...	32.04	0.3	ug/L	267898	5	30.80	34299700	40.0
Cyclononasiloxane...	33.24	1.4	ug/L	846813	6	34.70	23670000	40.0
Cyclononasiloxane...	34.36	3.0	ug/L	1755540	6	34.70	23670000	40.0
(1S,2S)-1,2-Dihyd...	34.94	0.4	ug/L	249952	6	34.70	23670000	40.0
Naphthalene, 1,2,...	35.02	0.3	ug/L	164889	6	34.70	23670000	40.0
Cyclononasiloxane...	35.42	4.2	ug/L	2482770	6	34.70	23670000	40.0
Cyclononasiloxane...	36.50	4.4	ug/L	2583390	6	34.70	23670000	40.0
Cyclononasiloxane...	37.78	4.1	ug/L	2444550	6	34.70	23670000	40.0
Cyclononasiloxane...	39.34	3.2	ug/L	1894500	6	34.70	23670000	40.0

Library Searched : C:\Database\NIST98.L
Quality : 91
ID : Cyclononasiloxane, octadecamethyl-



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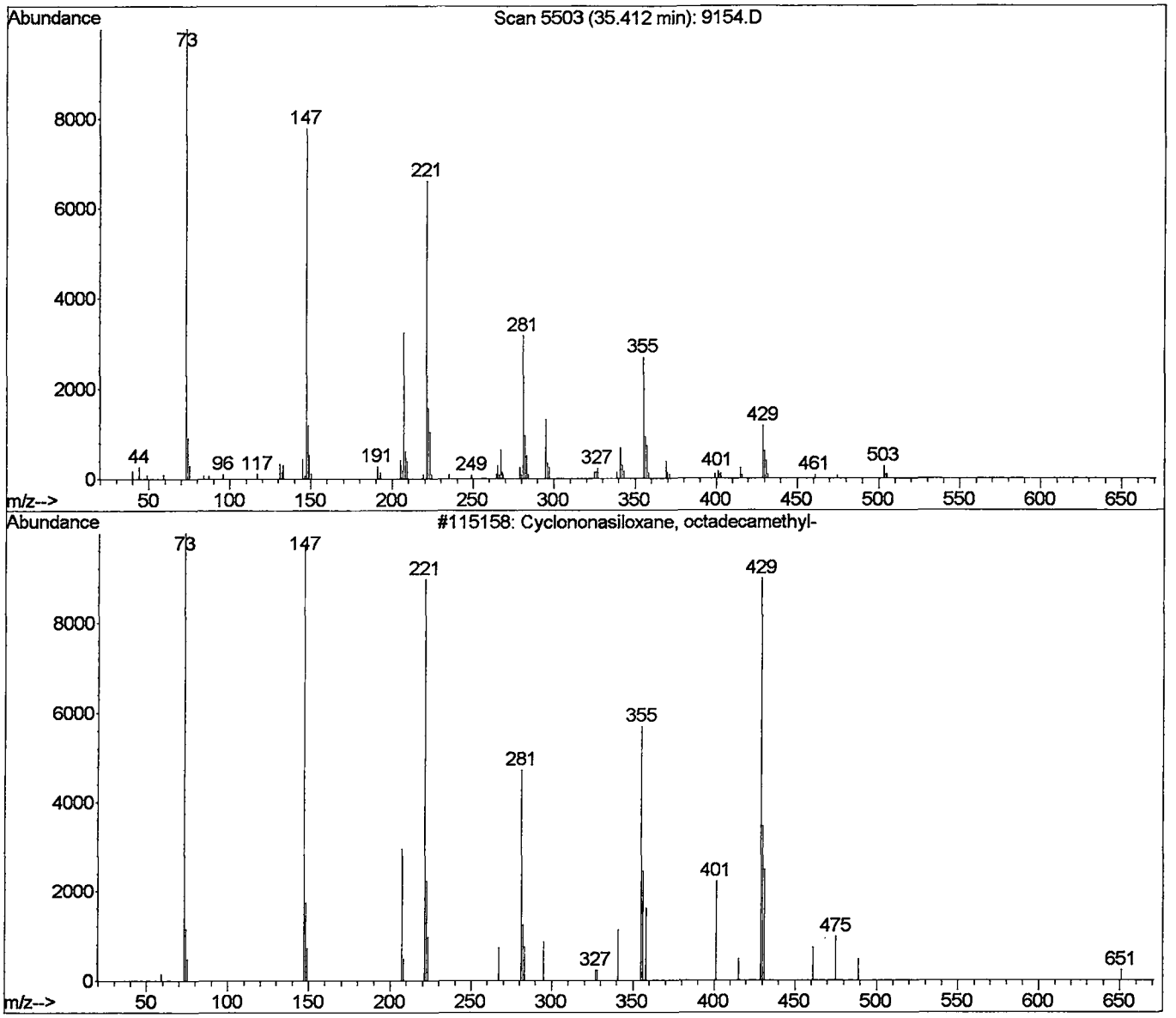
Quality : 91
ID : Cyclononasiloxane, octadecamethyl-



Library Searched : C:\Database\NIST98.L
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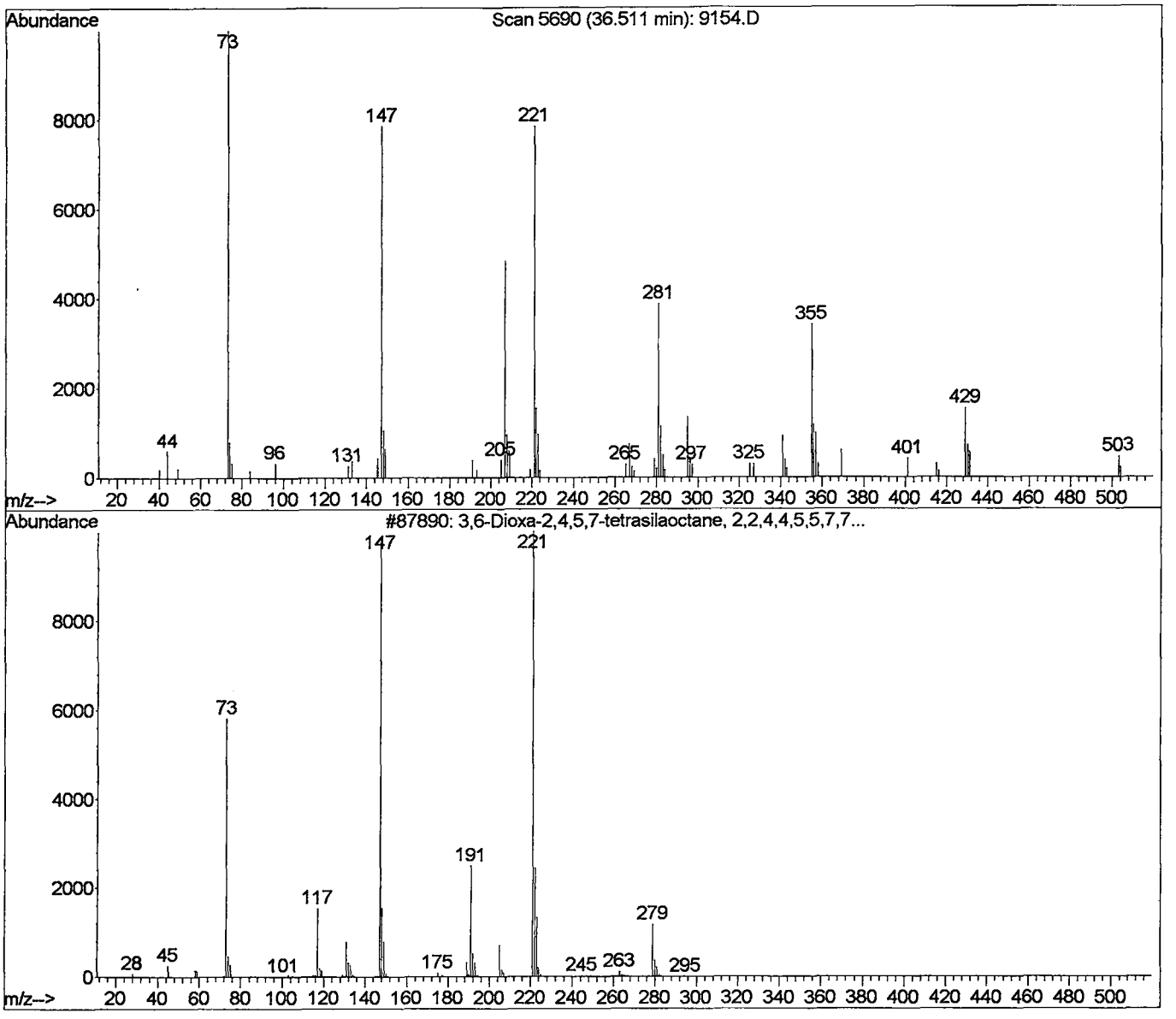

Library Searched : C:\Database\NIST98.L
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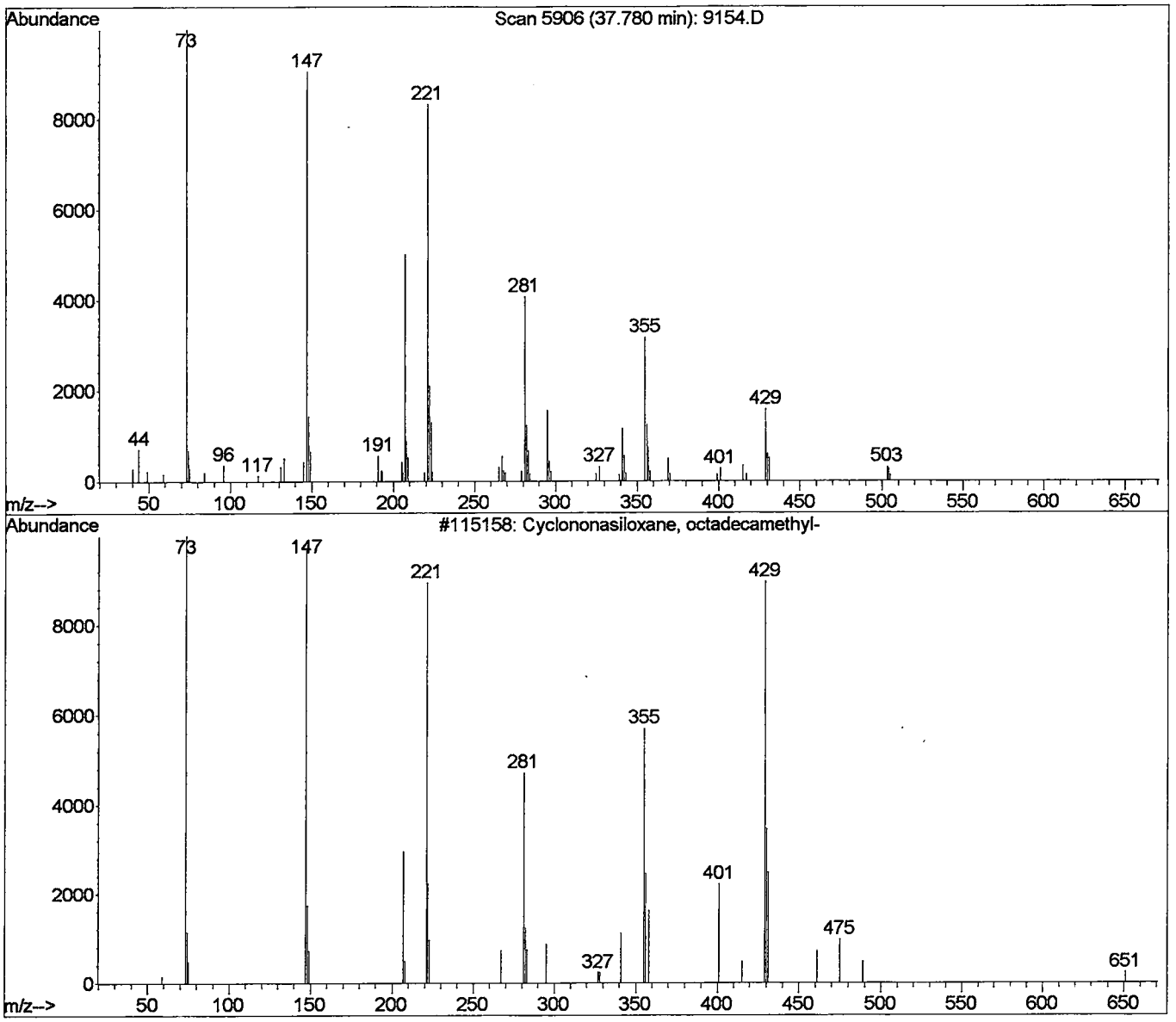

Library Searched : C:\Database\NIST98.L
Quality : 87
ID : Cyclononasiloxane, octadecamethyl-