User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 09:47:23

Sample: AE10981
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/22/02 09:46 Ended: 5/22/02 09:46 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		10.0

Repeat

Comments for Sample AE10981 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-22-2002 Time: 09:47:47

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051402\10981.D Vial: 10
Acq On : 14 May 2002 8:50 pm Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:36:40 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 14:34:28 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	6242479	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	24665633	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	13383943	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	19195676	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	14120225	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	8719143	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	2963556	36.47	ug/L	0.00
Spiked Amount 40.000			Recovery = 91.17%			
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	20.55	204	16676	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	20.55	77	49801	N.D.		
30) Nnitrosodiphenylamine	20.55	169	55108	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	25915	N.D.		

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

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Title : 508 Modified GC/MS scan
Last Update : Thu May 16 14:34:28 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	34265	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)

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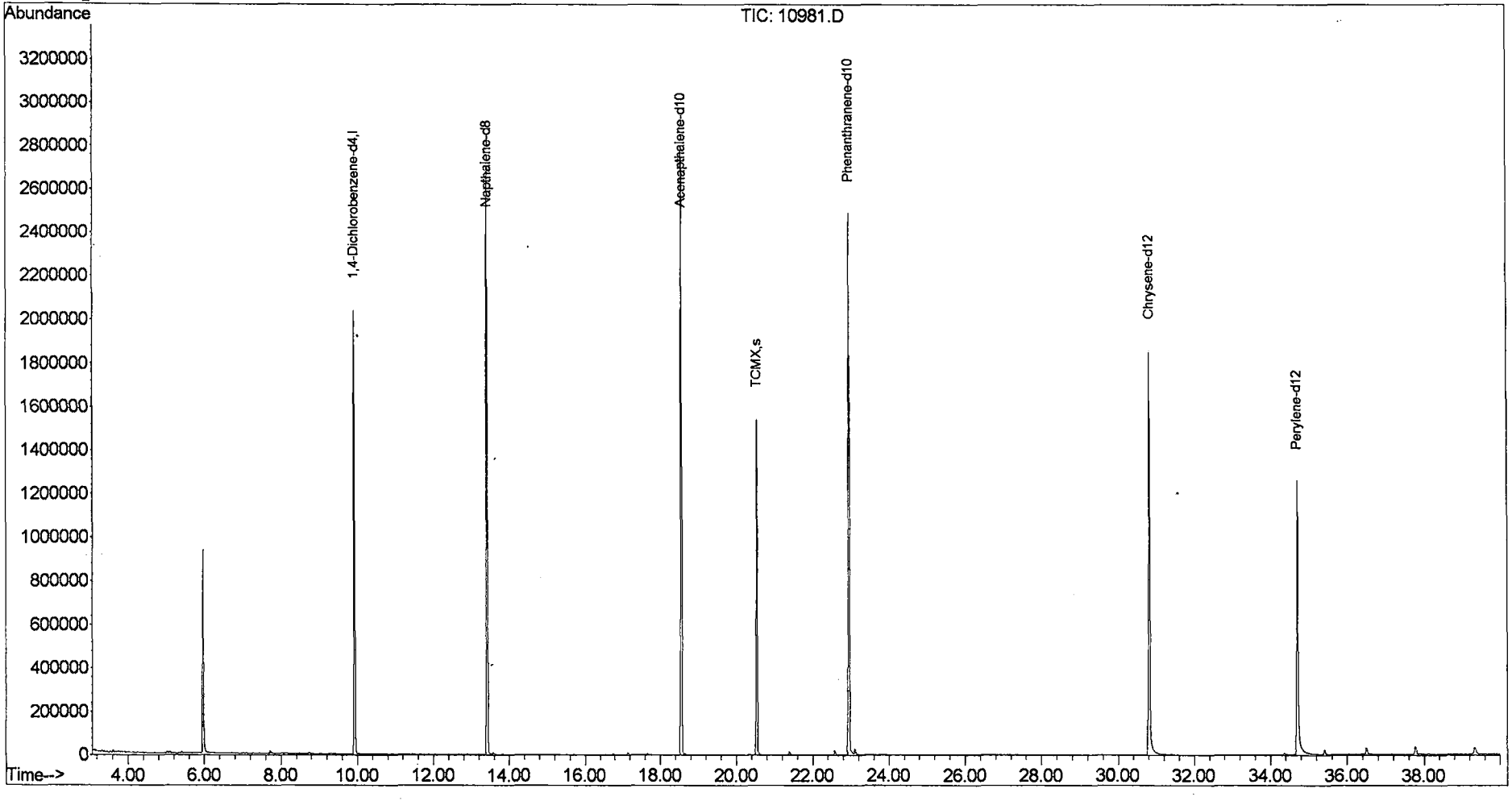
Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 14:34:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\051402\10981.D Vial: 10
Acq On : 14 May 2002 8:50 pm Operator: Mclean
Sample : 5/10 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

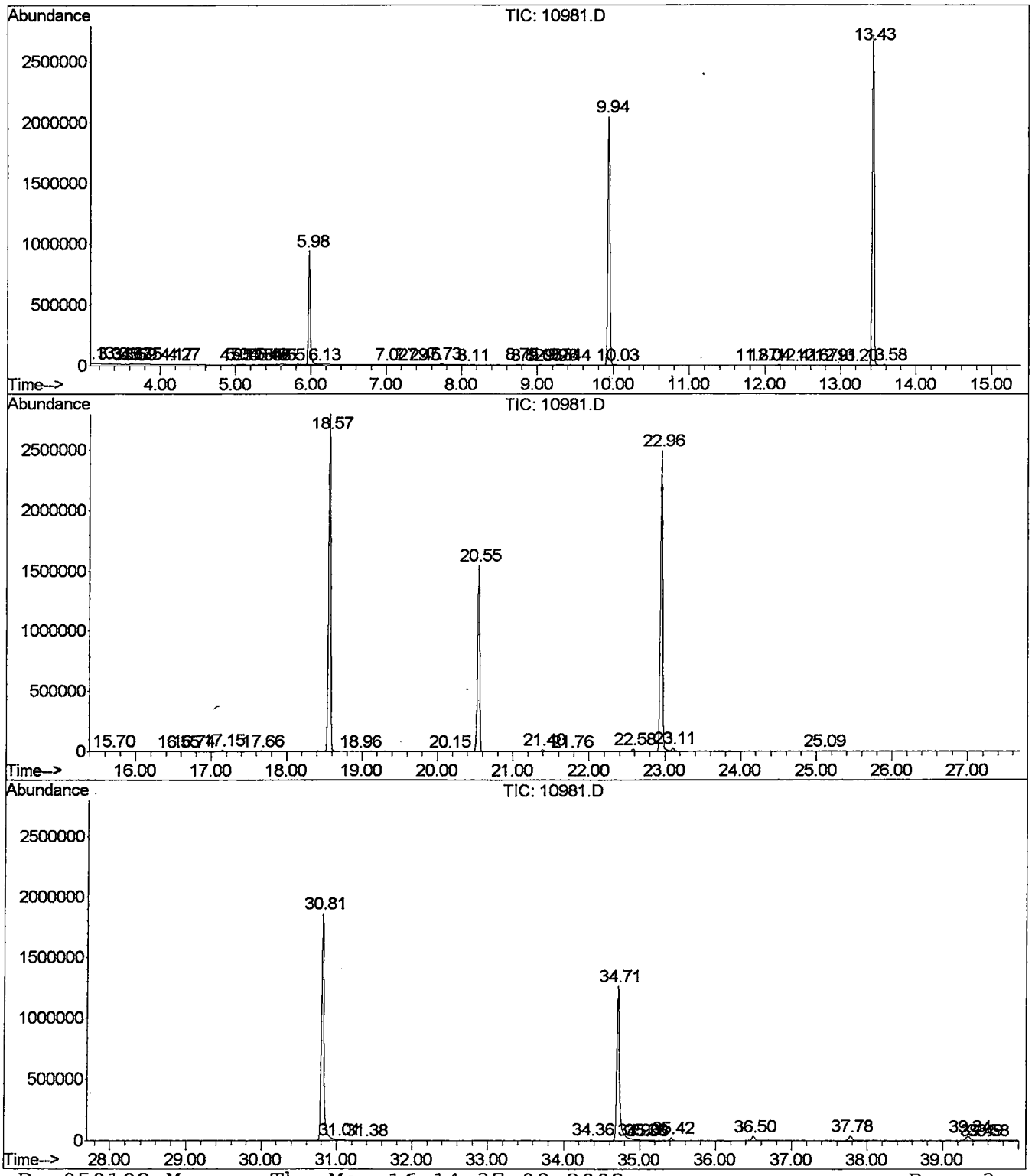
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.132	3	9	36	BV 3	4963	70727	0.13%	0.022%
2	3.344	41	45	51	VV 2	7492	119875	0.22%	0.036%
3	3.543	76	79	86	PV 7	2334	38826	0.07%	0.012%
4	3.626	86	93	99	VV 2	10270	179553	0.33%	0.055%
5	3.690	99	104	107	VV 4	3262	72512	0.13%	0.022%
6	3.755	107	115	123	VV 5	6496	228868	0.42%	0.070%
7	4.166	183	185	191	VV 5	2401	47233	0.09%	0.014%
8	4.266	191	202	208	VV 7	2789	79301	0.14%	0.024%
9	4.954	316	319	329	PV 7	2345	35052	0.06%	0.011%
10	5.036	329	333	341	VV 2	5684	144758	0.26%	0.044%
11	5.106	341	345	354	VV 8	6317	150334	0.27%	0.046%
12	5.353	382	387	391	PV 6	1860	33862	0.06%	0.010%
13	5.424	394	399	404	VV 2	5890	112276	0.20%	0.034%
14	5.465	404	406	407	VV 2	1851	16749	0.03%	0.005%
15	5.547	416	420	423	PV 4	1940	32225	0.06%	0.010%
16	5.653	436	438	443	VV 6	2049	34277	0.06%	0.010%
17	5.976	484	493	517	VV	908783	15757402	28.59%	4.796%
18	6.129	517	519	523	VV 4	3313	54000	0.10%	0.016%
19	7.022	669	671	678	VV 7	1939	27537	0.05%	0.008%
20	7.286	709	716	720	VV 7	1810	36784	0.07%	0.011%
21	7.451	734	744	754	PV 9	2342	67850	0.12%	0.021%
22	7.727	785	791	804	VV 2	12431	339791	0.62%	0.103%
23	8.109	854	856	861	VV 3	1962	29869	0.05%	0.009%
24	8.749	959	965	973	VV 2	7803	153094	0.28%	0.047%
25	8.820	973	977	987	VV 7	2525	59372	0.11%	0.018%
26	9.049	1004	1016	1022	VV 6	1926	62064	0.11%	0.019%
27	9.260	1045	1052	1056	PV 7	2603	56753	0.10%	0.017%
28	9.313	1056	1061	1068	VV 4	3463	101656	0.18%	0.031%
29	9.437	1080	1082	1086	VV 2	2869	35744	0.06%	0.011%
30	9.936	1158	1167	1182	VV	1995401	37844575	68.66%	11.518%
31	10.030	1182	1183	1186	VV 3	2976	37179	0.07%	0.011%
32	11.869	1490	1496	1500	VV 6	2405	38325	0.07%	0.012%
33	12.040	1519	1525	1532	VV 4	3005	58316	0.11%	0.018%
34	12.404	1578	1587	1596	VV 5	1748	49669	0.09%	0.015%
35	12.668	1627	1632	1640	VV 7	1704	41903	0.08%	0.013%
36	12.915	1663	1674	1680	PV 7	1828	48322	0.09%	0.015%
37	13.197	1714	1722	1728	BV 6	1747	35047	0.06%	0.011%

38	13.432	1748	1762	1779	PV	2707784	50655951	91.91%	15.417%
39	13.585	1783	1788	1795	VV	9126	175917	0.32%	0.054%
40	15.694	2144	2147	2154	VV 4	2738	49567	0.09%	0.015%
41	16.546	2283	2292	2299	PV 6	1967	43876	0.08%	0.013%
42	16.746	2320	2326	2336	VV 5	4982	116647	0.21%	0.036%
43	17.151	2385	2395	2401	VV 5	10632	193358	0.35%	0.059%
44	17.663	2477	2482	2489	PV 4	5140	83793	0.15%	0.026%
45	18.573	2626	2637	2659	VV	2757767	55115169	100.00%	16.774%
46	18.961	2689	2703	2711	PV 6	2043	45845	0.08%	0.014%
47	20.148	2901	2905	2910	VV 4	1812	35465	0.06%	0.011%
48	20.547	2959	2973	2983	VV	1538176	29486727	53.50%	8.974%
49	21.394	3106	3117	3124	PV 3	15928	272474	0.49%	0.083%
50	21.758	3175	3179	3185	PV 6	1668	25251	0.05%	0.008%
51	22.580	3303	3319	3326	VV 2	21495	418166	0.76%	0.127%
52	22.956	3372	3383	3403	PV 2	2475543	52850046	95.89%	16.084%
53	23.109	3403	3409	3426	VV	25595	613435	1.11%	0.187%
54	25.089	3732	3746	3753	PV 4	2073	48466	0.09%	0.015%
55	30.812	4708	4720	4753	PV 2	1863965	44124194	80.06%	13.429%
56	31.012	4753	4754	4784	VV 10	8639	475200	0.86%	0.145%
57	31.382	4808	4817	4826	VV 6	2916	72241	0.13%	0.022%
58	34.361	5318	5324	5332	PV 4	8407	147269	0.27%	0.045%
59	34.713	5371	5384	5425	PV 2	1252393	32444465	58.87%	9.874%
60	34.966	5425	5427	5441	VV 7	8574	366228	0.66%	0.111%
61	35.060	5441	5443	5445	VV 3	4796	67922	0.12%	0.021%
62	35.084	5445	5447	5448	VV 2	4637	53536	0.10%	0.016%
63	35.419	5494	5504	5512	VV 2	23601	564443	1.02%	0.172%
64	36.500	5679	5688	5711	VV 4	33044	1044121	1.89%	0.318%
65	37.781	5893	5906	5920	VV 4	35783	1218477	2.21%	0.371%
66	39.338	6152	6171	6192	PV 4	32341	1368580	2.48%	0.417%
67	39.490	6192	6197	6208	VV 7	1609	52674	0.10%	0.016%
68	39.578	6208	6212	6215	PV 5	1230	17903	0.03%	0.005%

Sum of corrected areas: 328579089

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\051402\10981.D
Operator : Mclean
Acquired : 14 May 2002 8:50 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/10 kb
Misc Info :
Vial Number: 10
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051402\10981.D Vial: 10
Acq On : 14 May 2002 8:50 pm Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

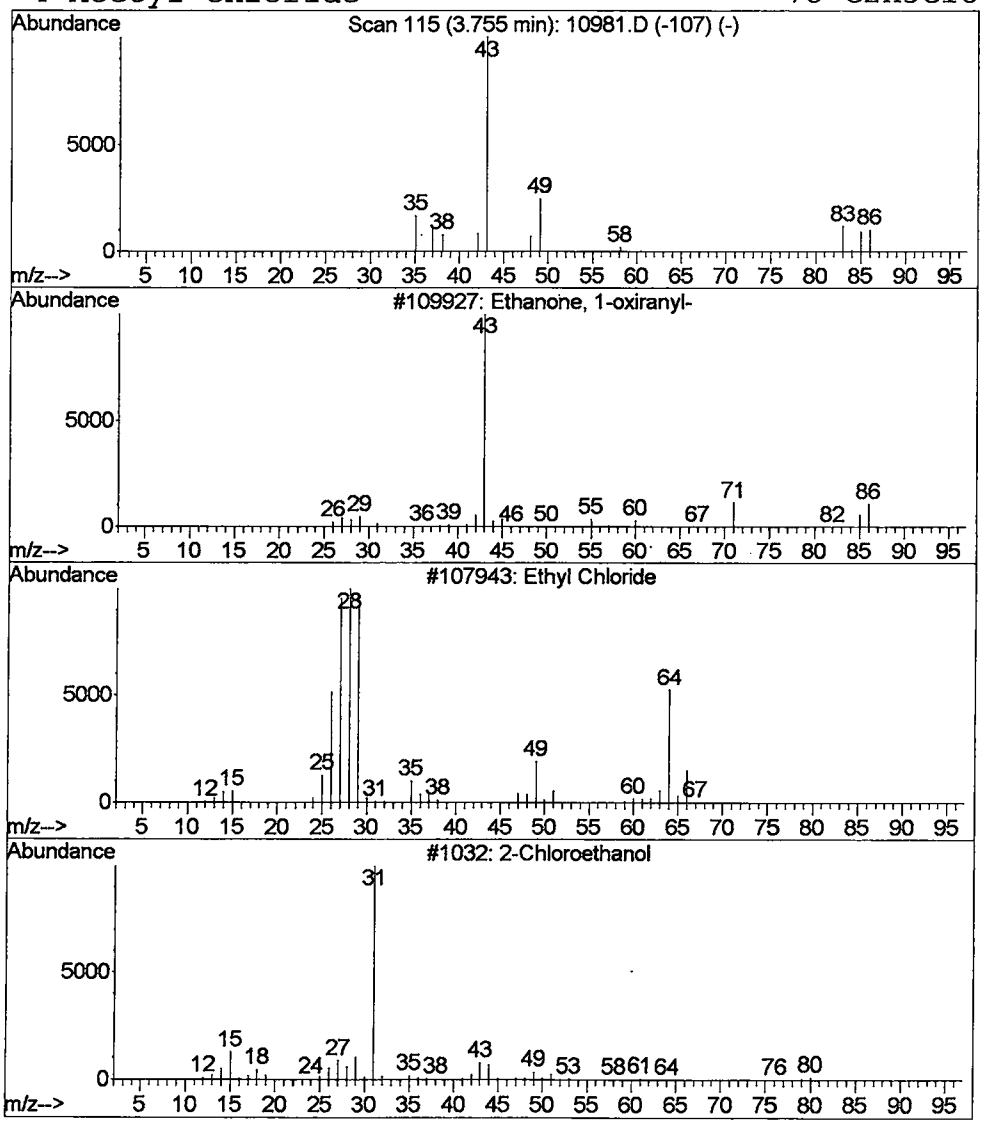
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

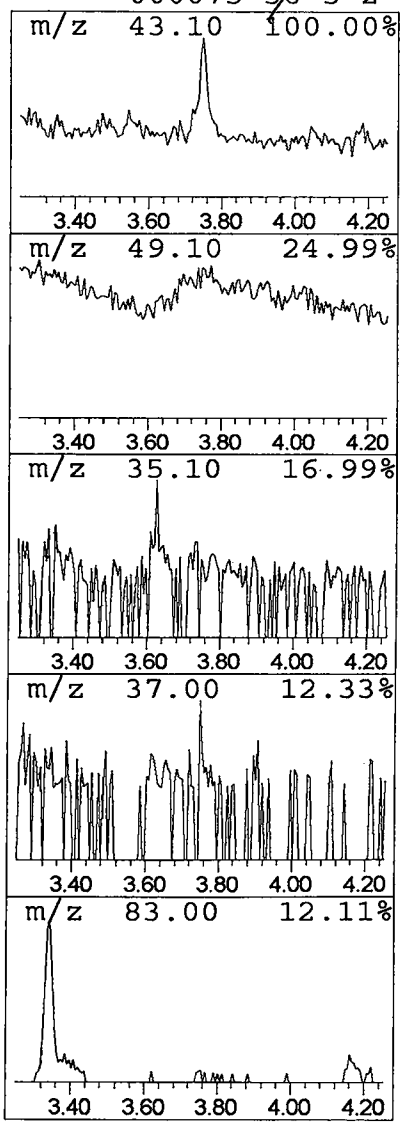
****

Peak Number 1 Ethanone, 1-oxiranyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	0.24 ug/L	228868	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	9
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
4	Acetyl chloride	78	C2H3ClO	000075-36-5	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051402\10981.D Vial: 10
Acq On : 14 May 2002 8:50 pm Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

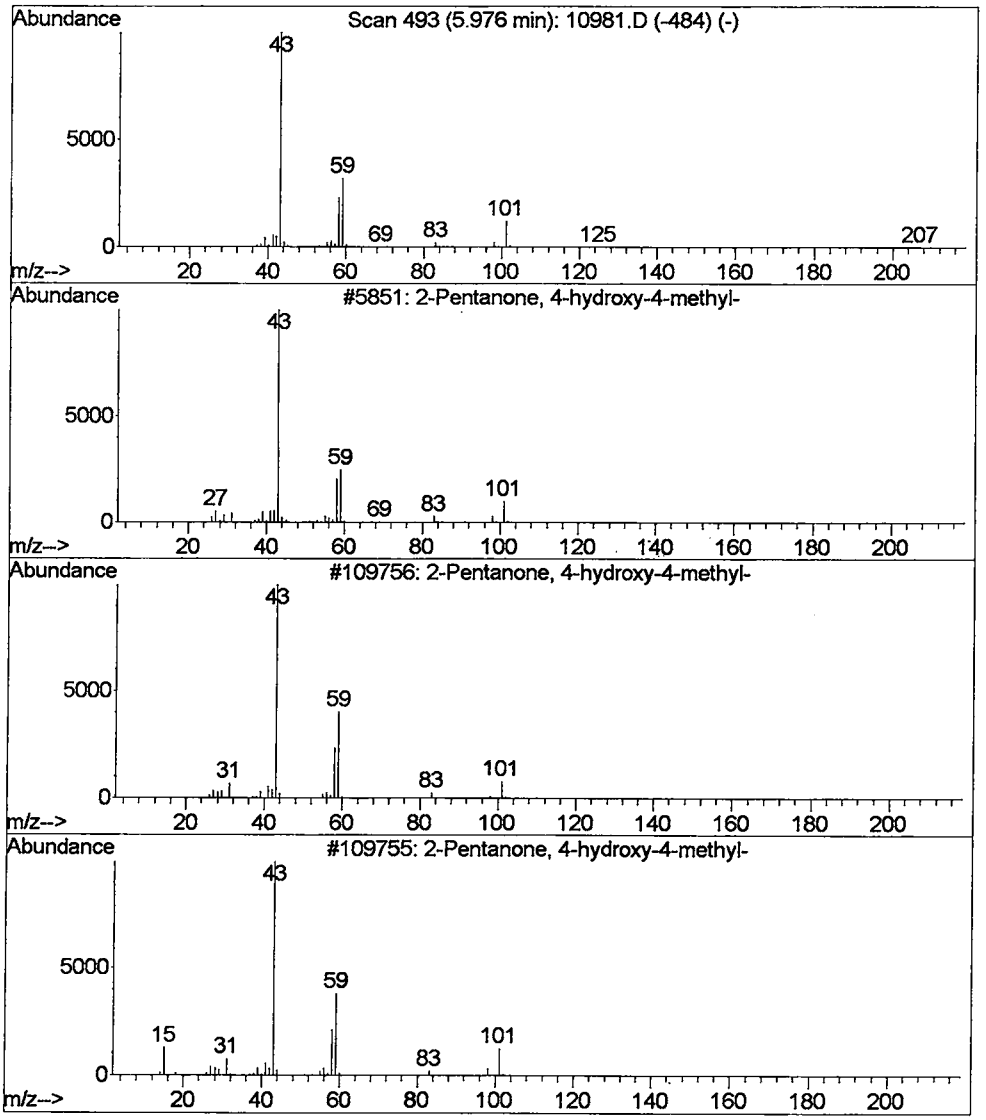
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

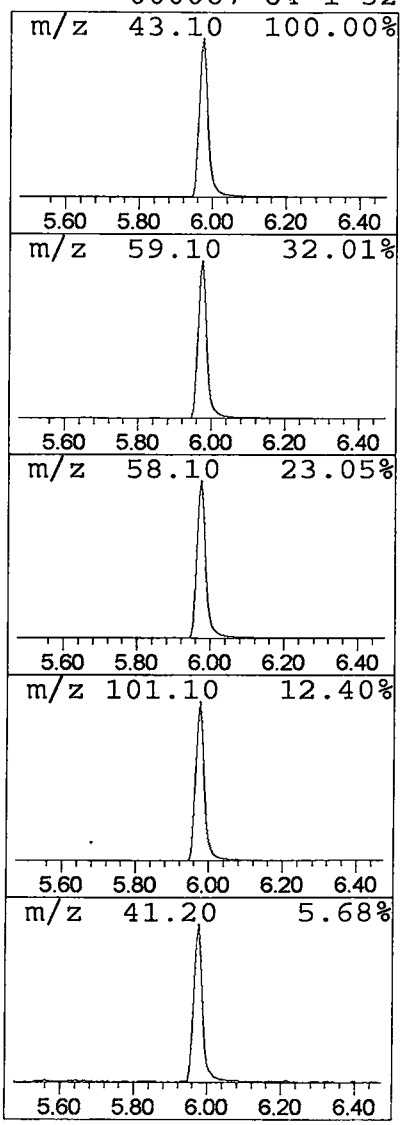
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	16.65 ug/L	15757400	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

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Acq On : 14 May 2002 8:50 pm
Sample : 5/10 kb
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

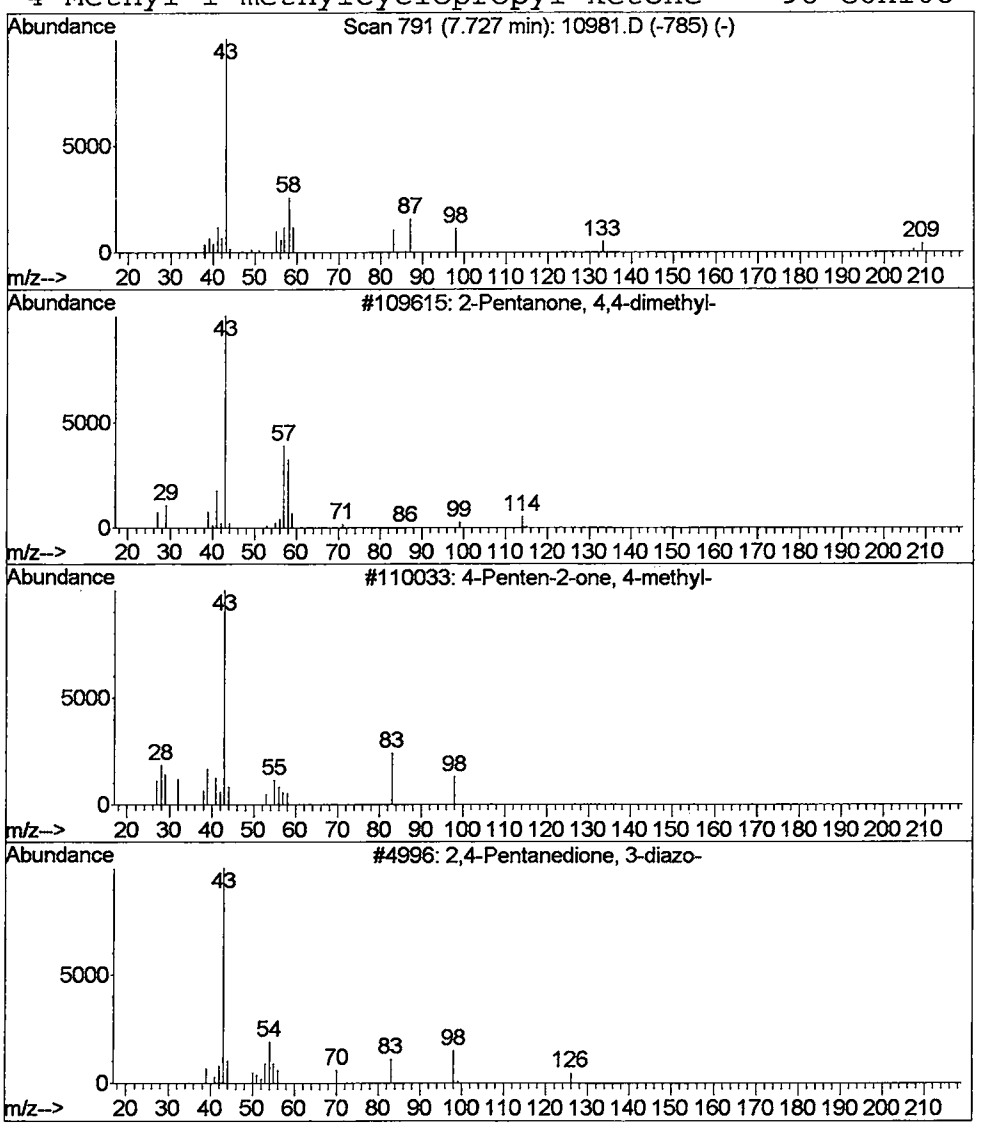
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

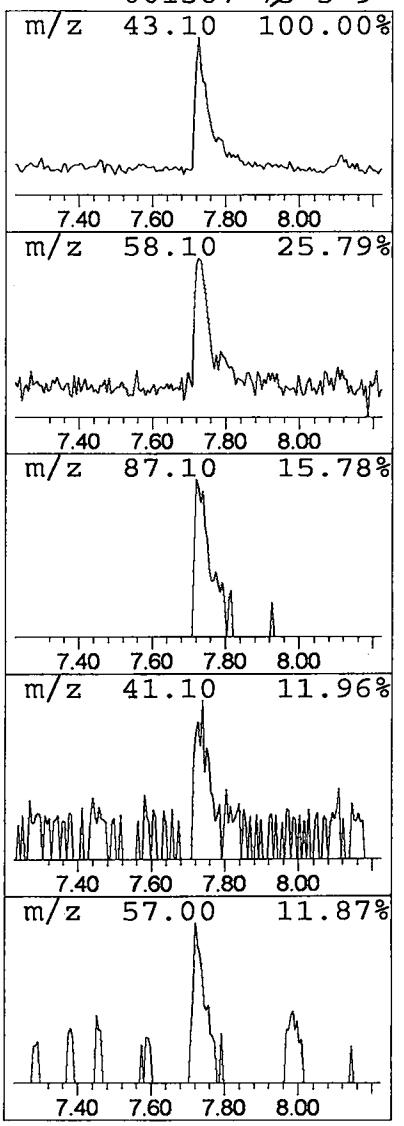
****

Peak Number 3 2-Pentanone, 4,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.36 ug/L	339791	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	17
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	12
3	2,4-Pentanedione, 3-diazo-	126	C5H6N2O2	029397-21-5	12
4	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	9





Data File : C:\MSDCHEM\1\DATA\051402\10981.D
Acq On : 14 May 2002 8:50 pm
Sample : 5/10 kb
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

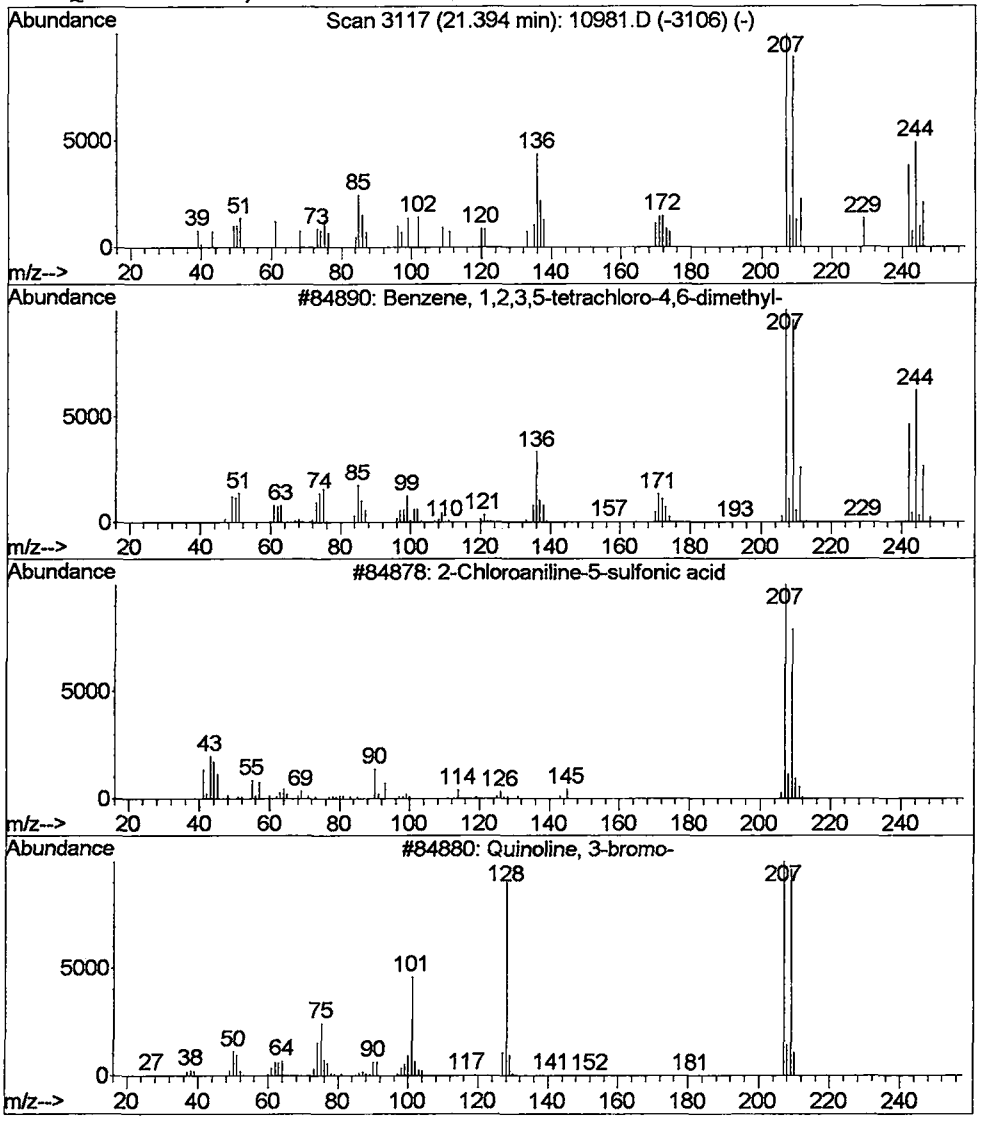
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

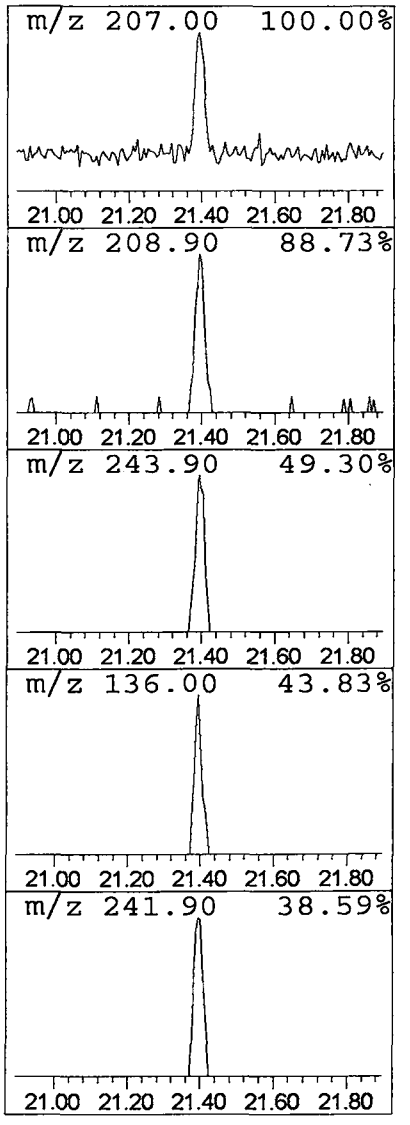
****

Peak Number 4 Benzene, 1,2,3,5-tetrachlor... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	0.21 ug/L	272474	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetrachloro-4,6...	242	C8H6Cl4	000877-09-8	98
2	2-Chloroaniline-5-sulfonic acid	207	C6H6ClNO3S	000098-36-2	43
3	Quinoline, 3-bromo-	207	C9H6BrN	005332-24-1	38
4	Quinoline, 3-bromo-	207	C9H6BrN	005332-24-1	38





Data File : C:\MSDCHEM\1\DATA\051402\10981.D
Acq On : 14 May 2002 8:50 pm
Sample : 5/10 kb
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

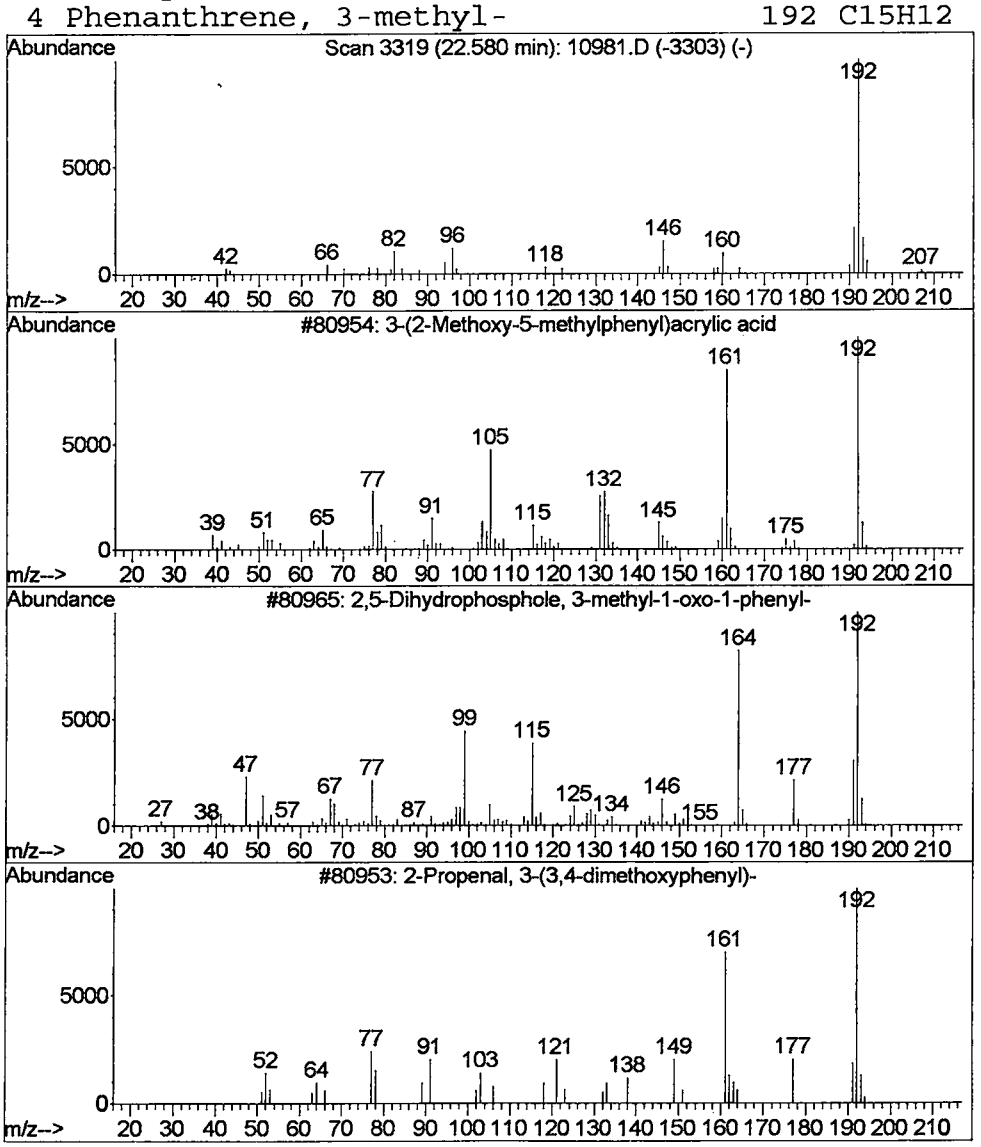
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

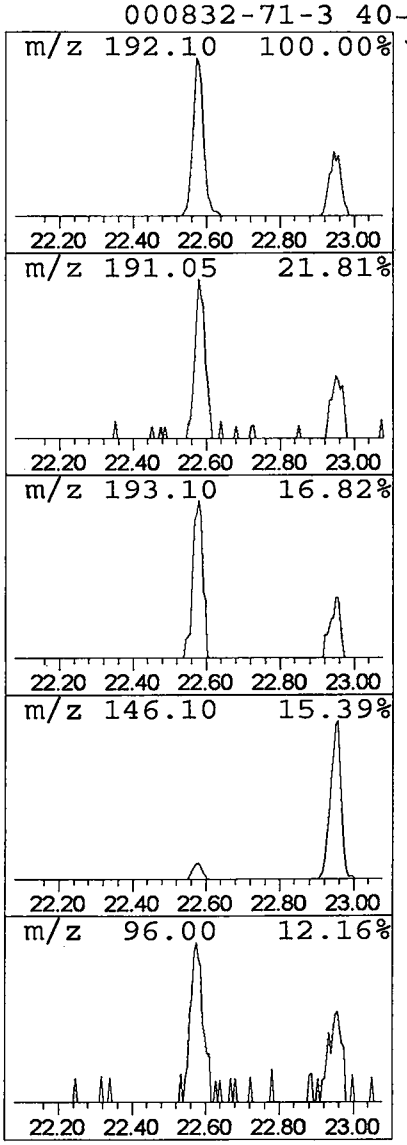
****

Peak Number 5 3-(2-Methoxy-5-methylphenyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.32 ug/L	418166	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	53
2	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
3	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	40





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Acq On : 14 May 2002 8:50 pm Operator: Mclean
Sample : 5/10 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

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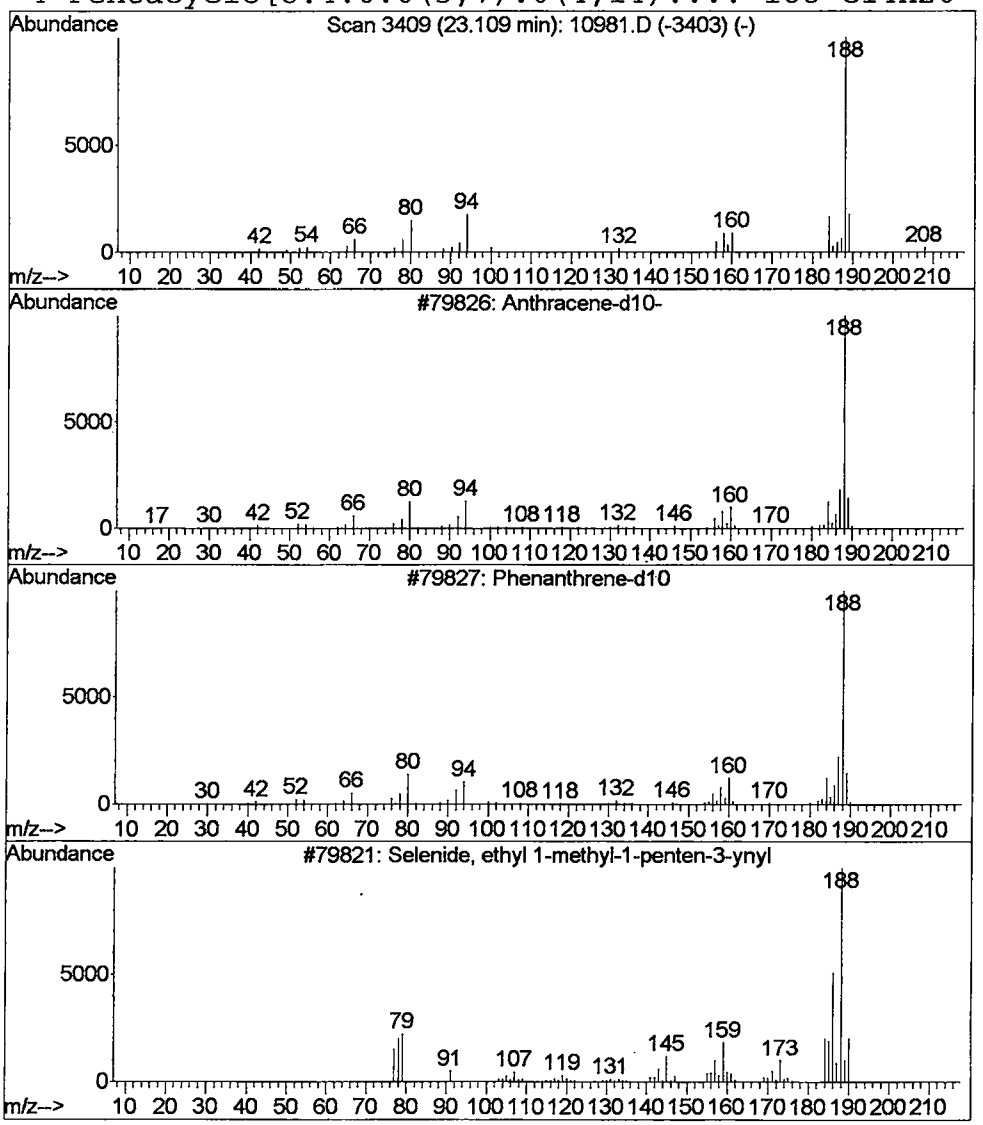
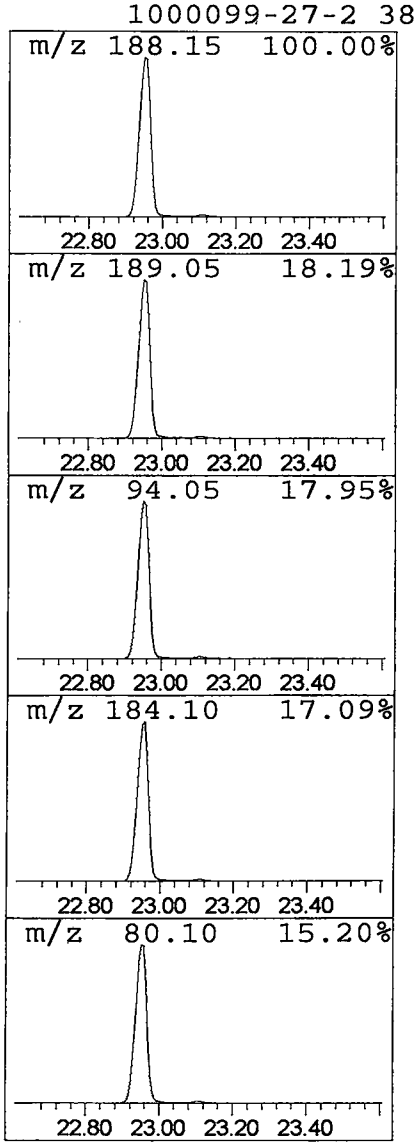
Peak Number 6 Anthracene-d10- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.46 ug/L	613435	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	80
3	Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	53
4	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	38





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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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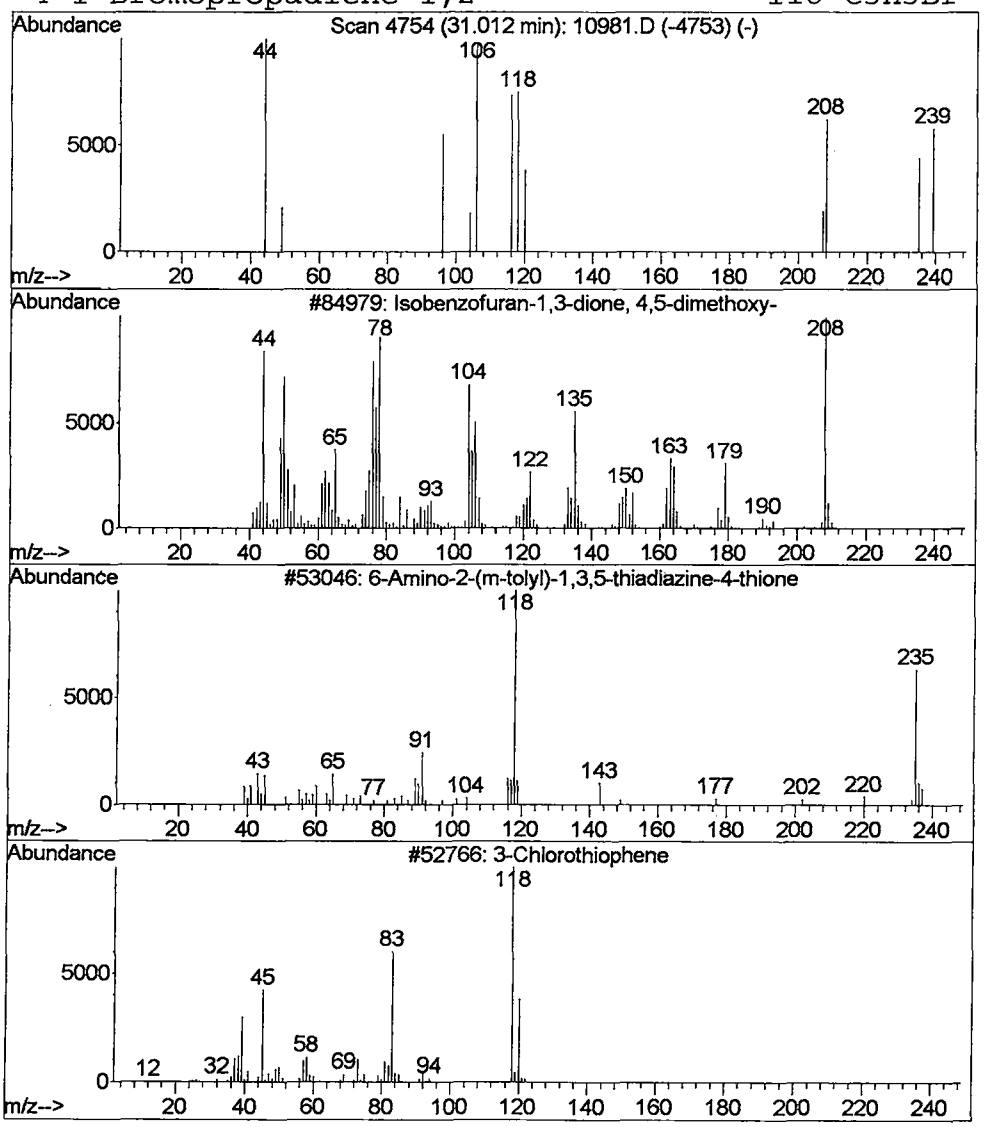
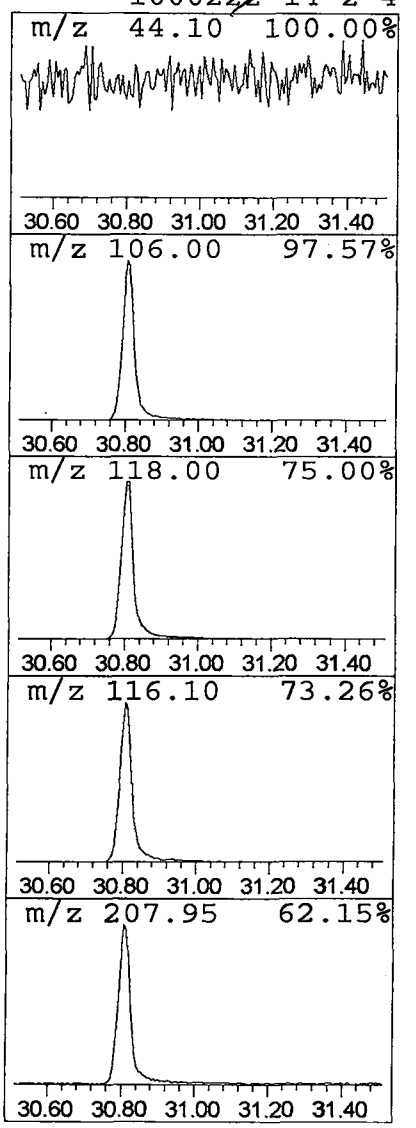
Peak Number 7 Isobenzofuran-1,3-dione, 4,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.01	0.43 ug/L	475200	Chrysene-d12	30.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobenzofuran-1,3-dione, 4,5-dim...	208	C10H8O5	001567-56-2	9
2	6-Amino-2-(m-tolyl)-1,3,5-thiadi...	235	C10H9N3S2	094014-50-3	5
3	3-Chlorothiophene	118	C4H3ClS	017249-80-8	5
4	1-Bromopropadiene-1,2	118	C3H3Br	1000222-14-2	4





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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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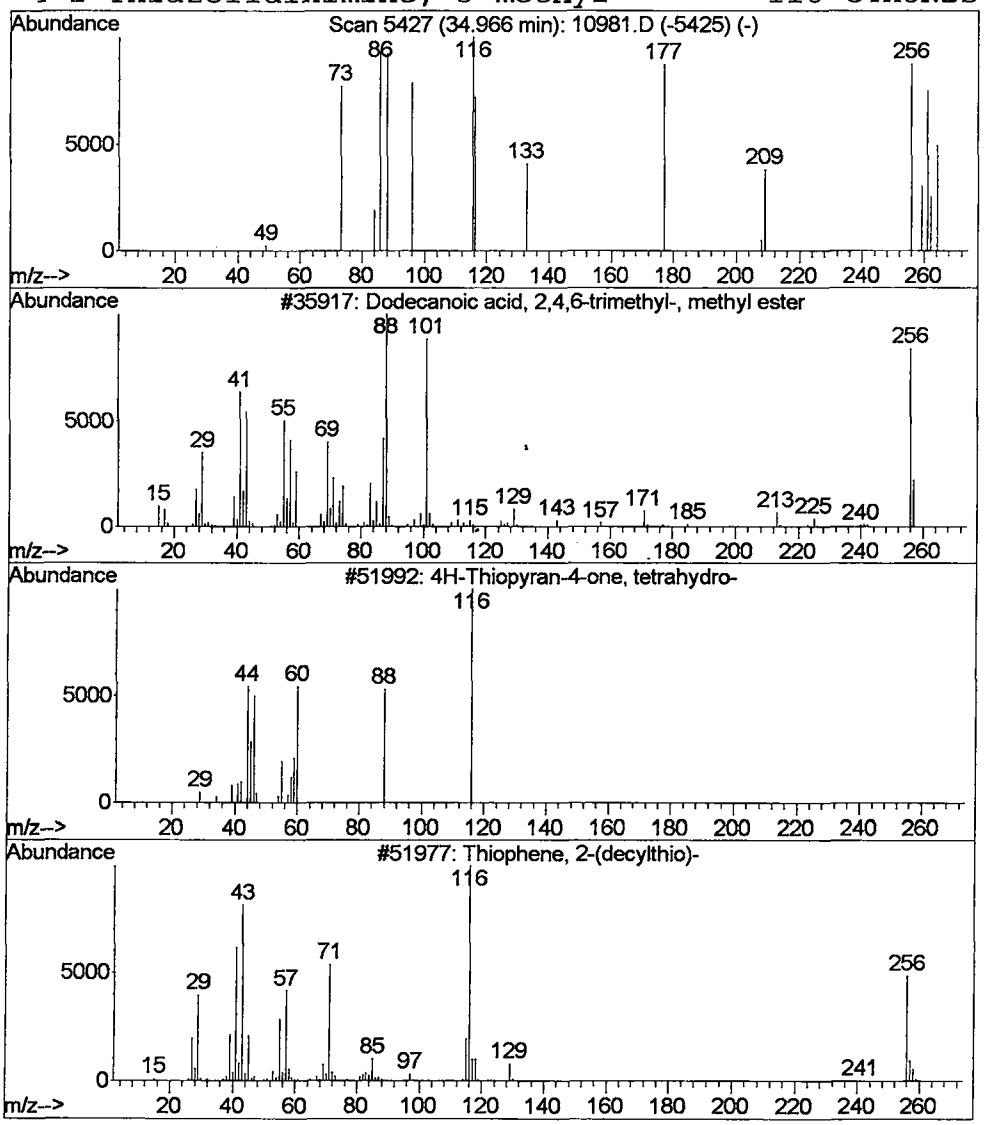
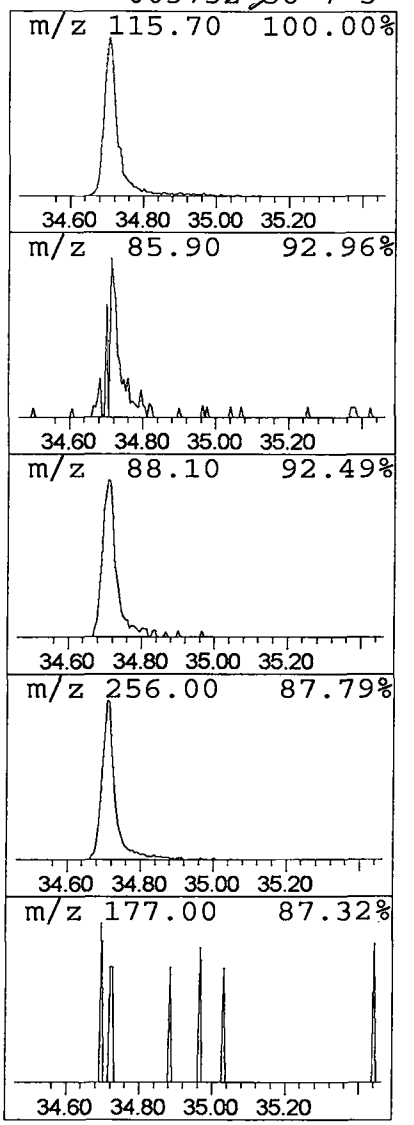
Peak Number 8 Dodecanoic acid, 2,4,6-trim... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.96	0.45 ug/L	366228	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2,4,6-trimethyl...	256	C16H32O2	057289-31-3	5
2	4H-Thiopyran-4-one, tetrahydro-	116	C5H8OS	001072-72-6	5
3	Thiophene, 2-(decylthio)-	256	C14H24S2	054986-42-4	5
4	2-Thiazolidinimine, 3-methyl-	116	C4H8N2S	003732-56-7	5





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Sample : 5/10 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

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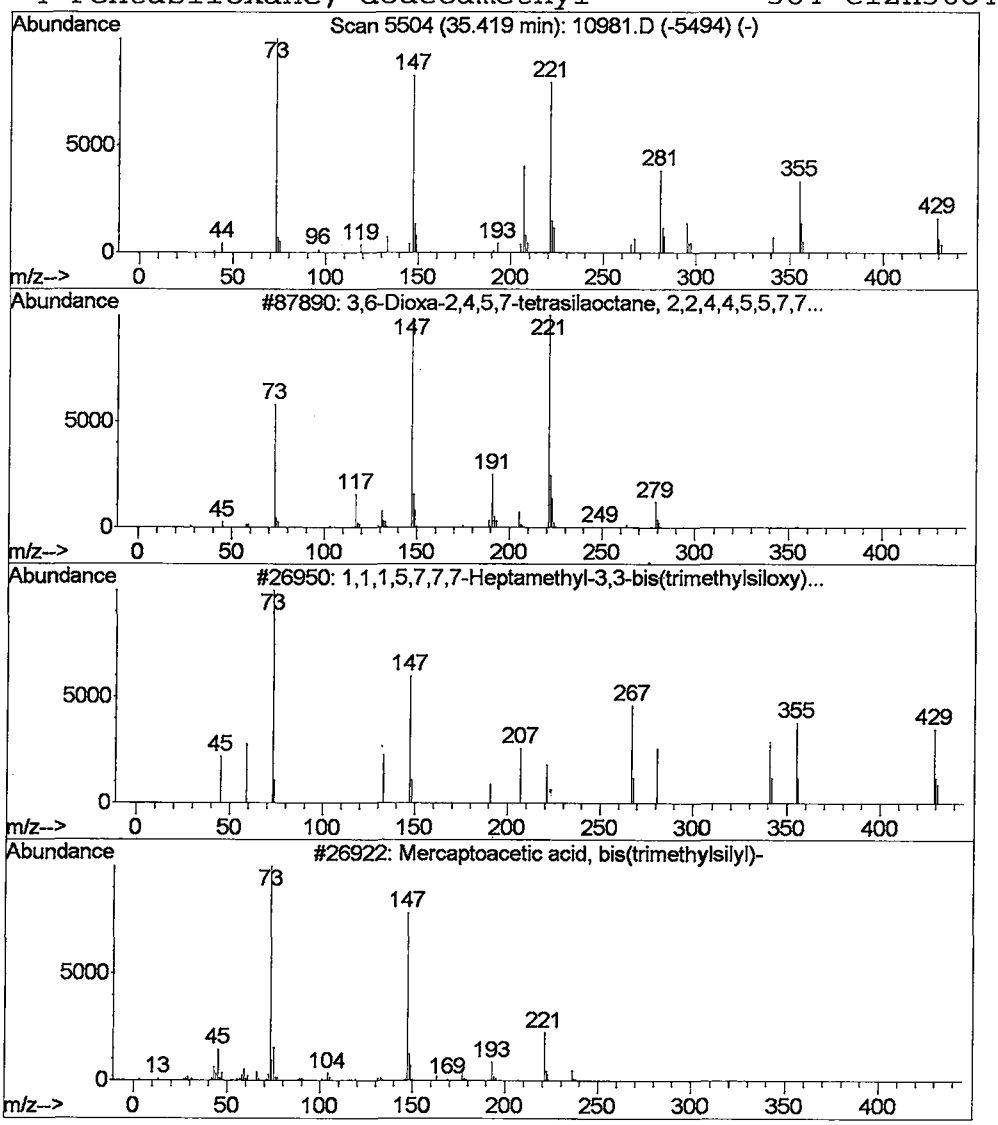
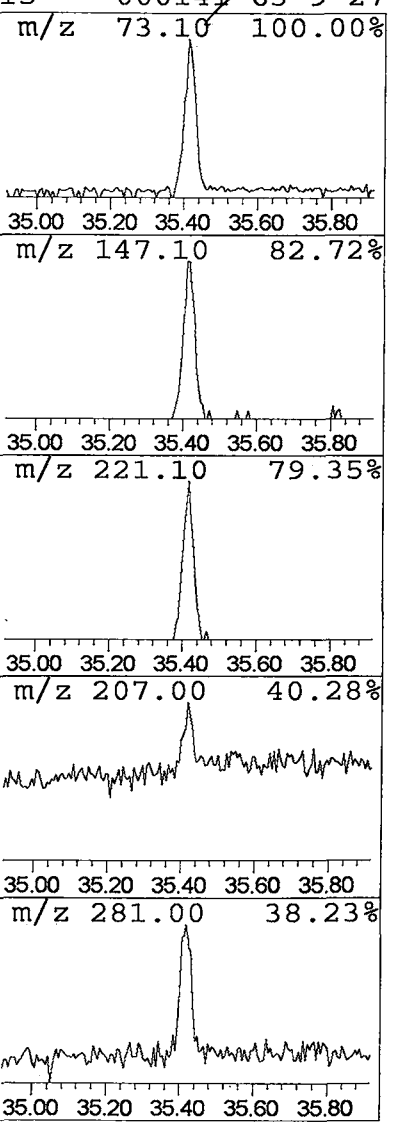
Peak Number 9 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.42	0.70 ug/L	564443	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	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	40
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	32
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	27





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051402\10981.D Vial: 10
Acq On : 14 May 2002 8:50 pm Operator: Mclean
Sample : 5/10 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

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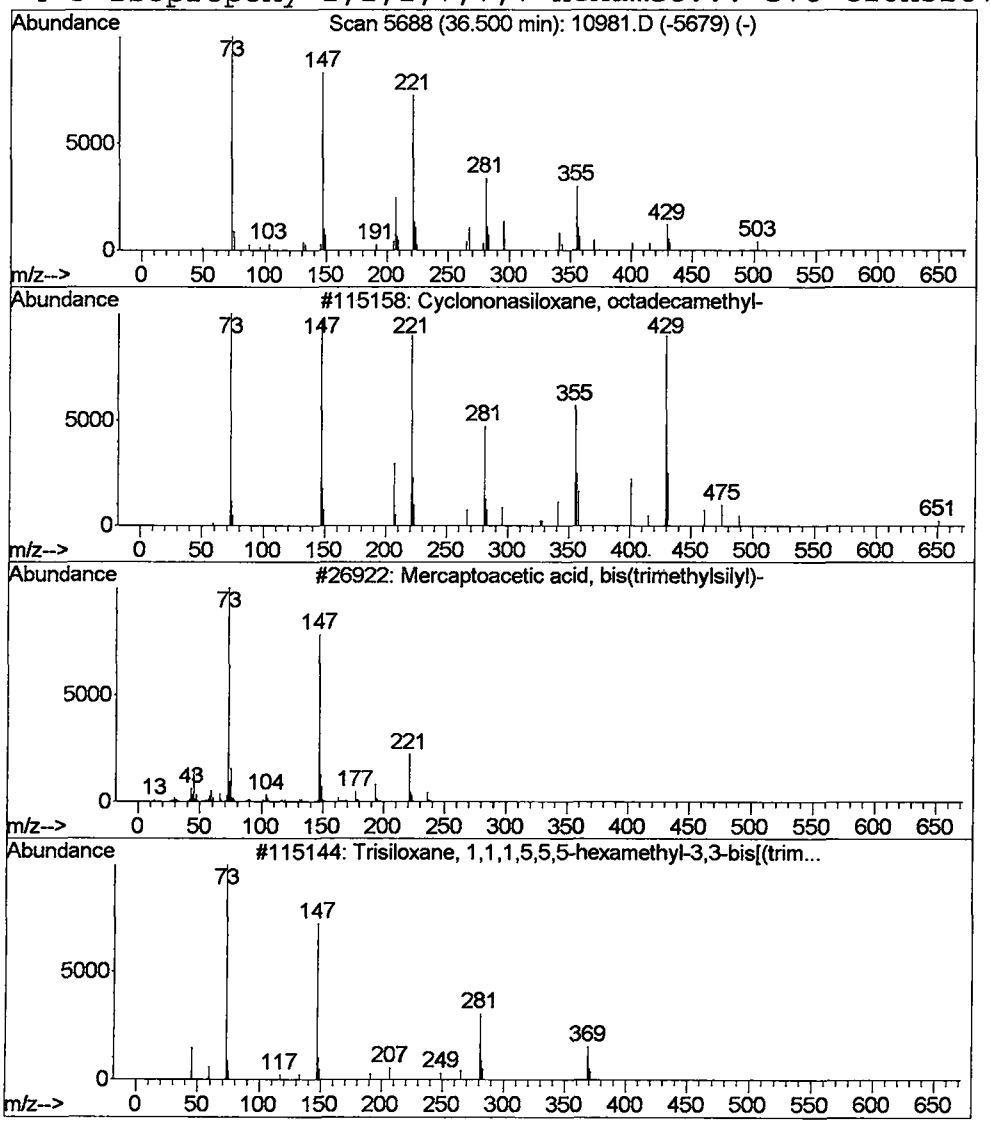
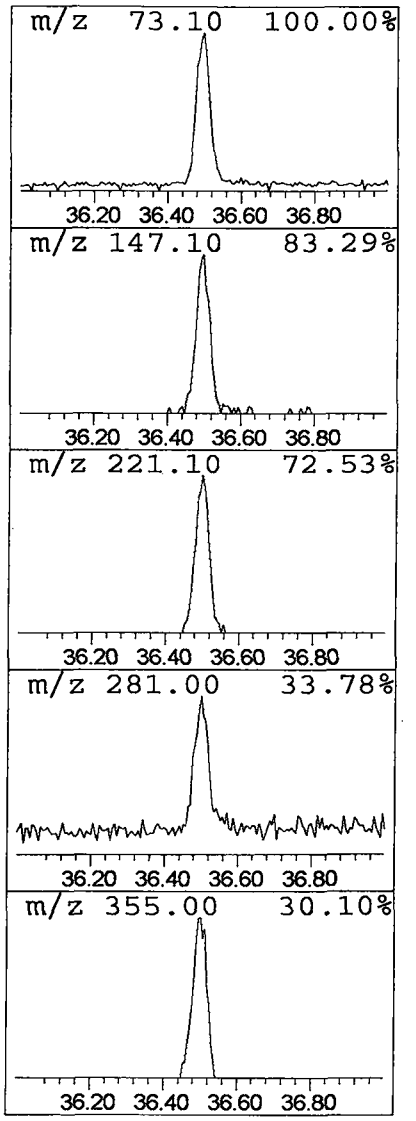
Peak Number 10 Cyclononasiloxane, octadeca... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.50	1.29 ug/L	1044120	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	90
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	43
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	38
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051402\10981.D
Acq On : 14 May 2002 8:50 pm
Sample : 5/10 kb
Misc :
MS Integration Params: LSCINT.e

Vial: 10
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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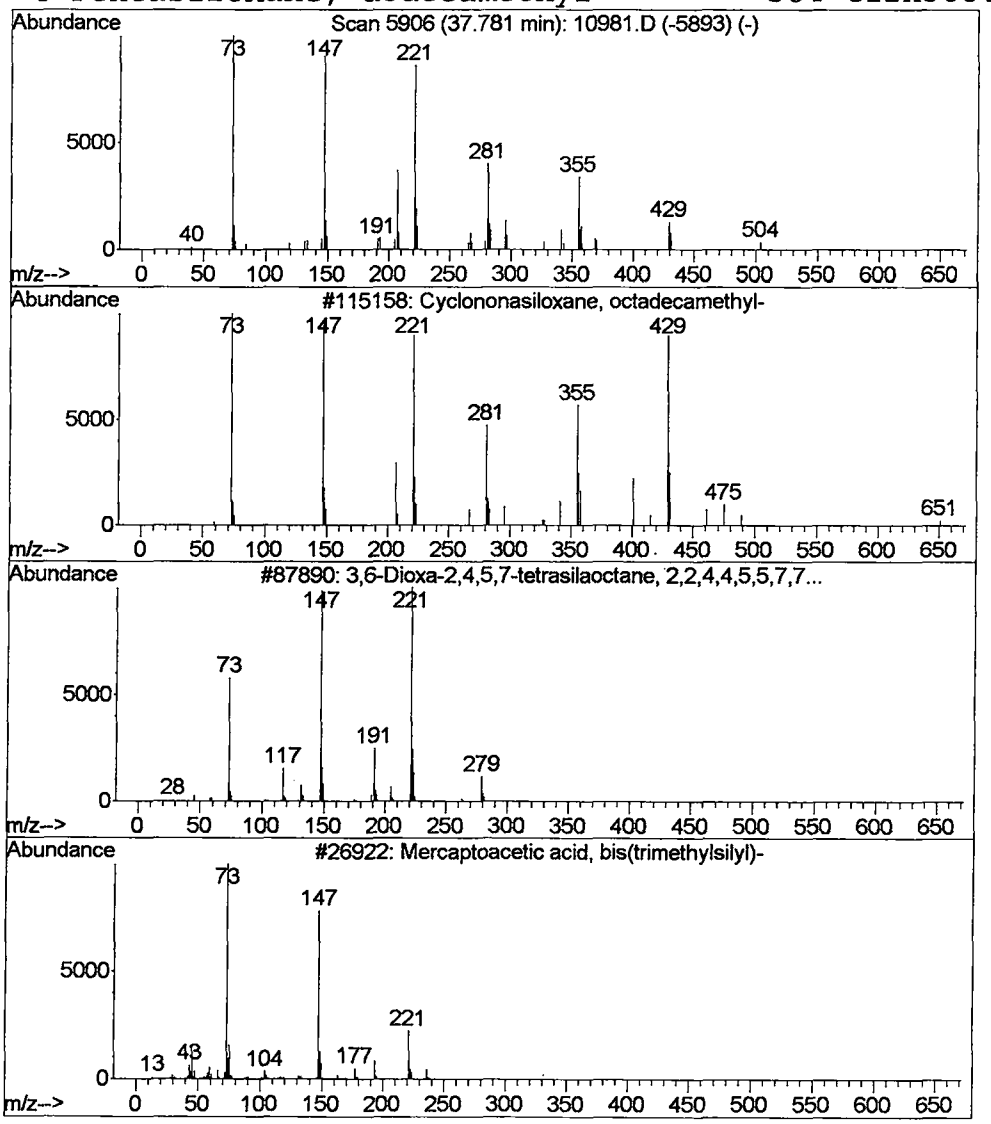
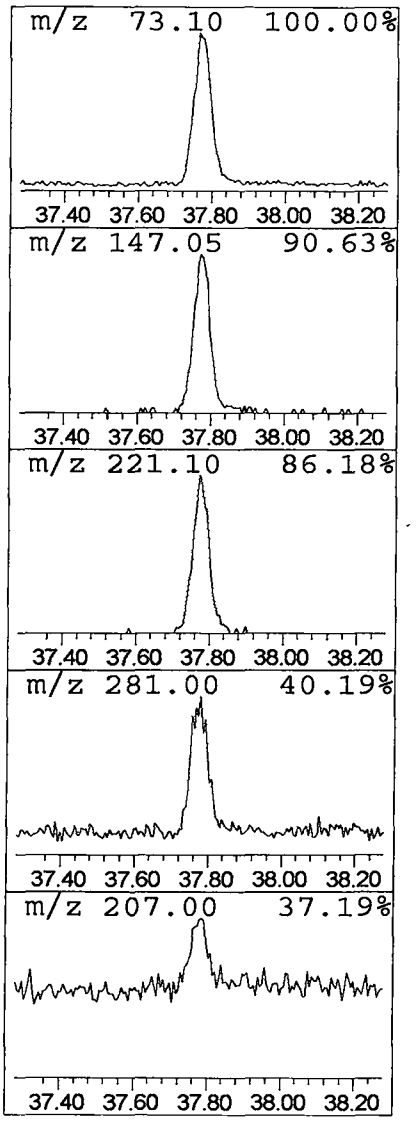
Peak Number 11 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.78	1.50 ug/L	1218480	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	38
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	35





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051402\10981.D Vial: 10
Acq On : 14 May 2002 8:50 pm Operator: Mclean
Sample : 5/10 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

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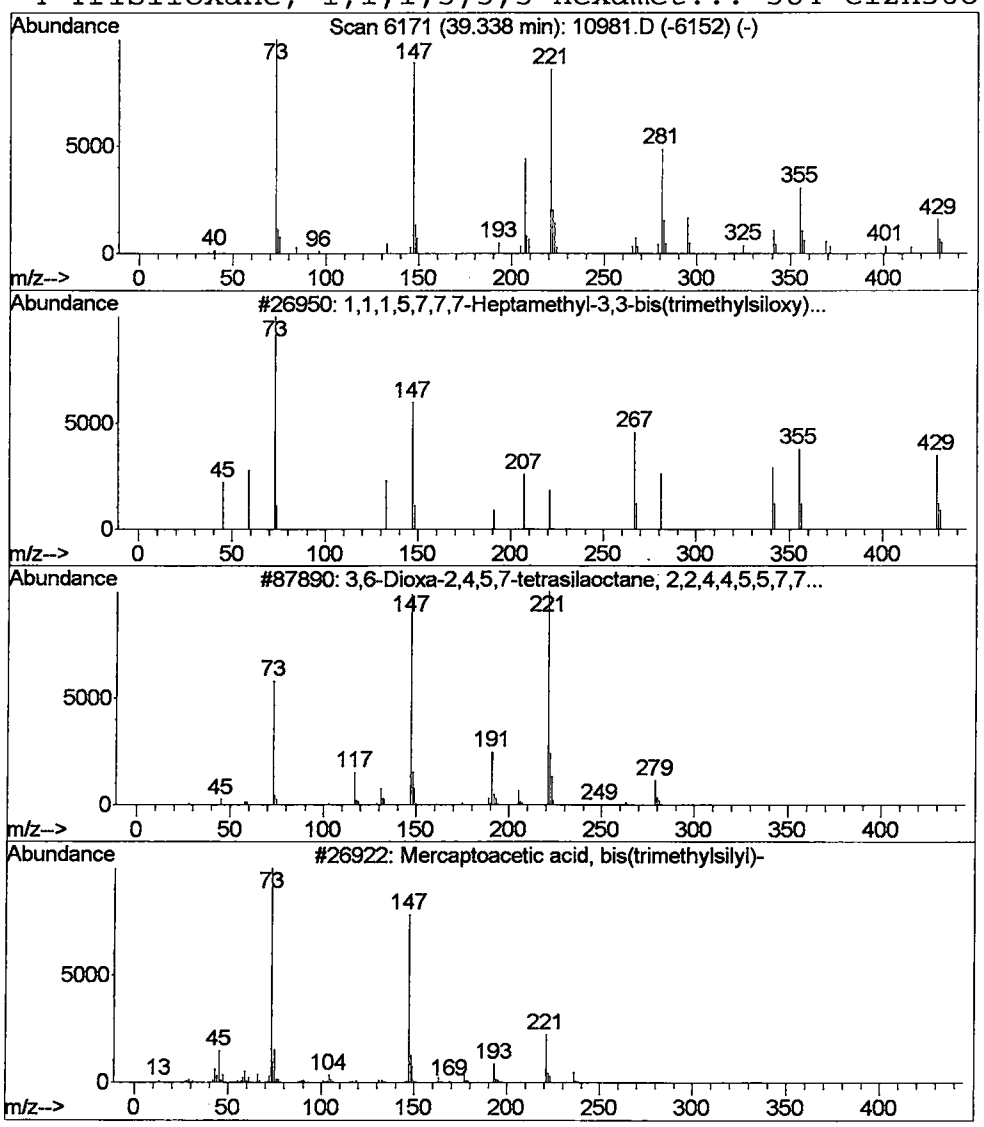
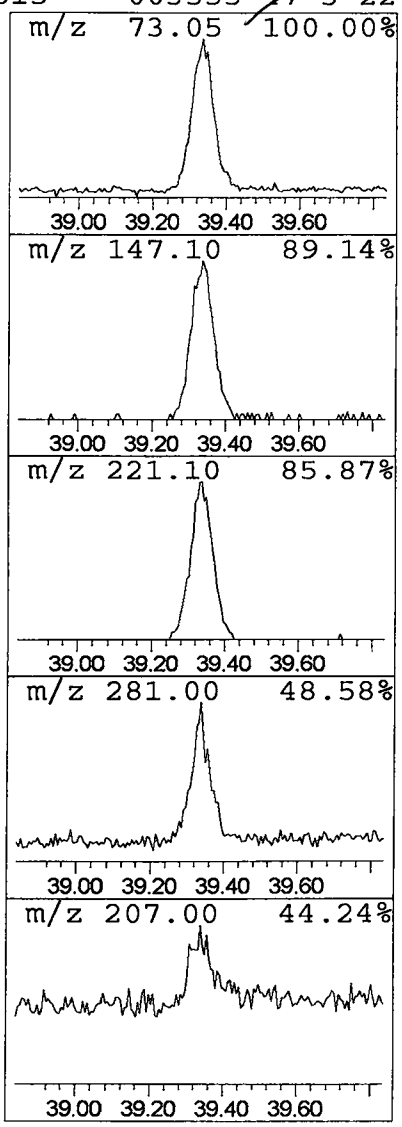
Peak Number 12 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.34	1.69 ug/L	1368580	Perylene-d12	34.71

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	38
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	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	22





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 14 May 2002 8:50 pm
Data File: C:\MSDCHEM\1\DATA\051402\10981.D
Name: 5/10 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
Ethanone, 1-oxira...	3.75	0.2	ug/L	228868	1	9.94	37844600	40.0
2-Pentanone, 4-hy...	5.98	16.7	ug/L	15757400	1	9.94	37844600	40.0
2-Pentanone, 4,4-...	7.73	0.4	ug/L	339791	1	9.94	37844600	40.0
Benzene, 1,2,3,5-...	21.40	0.2	ug/L	272474	4	22.96	52850000	40.0
3-(2-Methoxy-5-me...	22.58	0.3	ug/L	418166	4	22.96	52850000	40.0
Anthracene-d10-	23.11	0.5	ug/L	613435	4	22.96	52850000	40.0
Isobenzofuran-1,3...	31.01	0.4	ug/L	475200	5	30.81	44124200	40.0
Dodecanoic acid, ...	34.96	0.5	ug/L	366228	6	34.71	32444500	40.0
3,6-Dioxa-2,4,5,7...	35.42	0.7	ug/L	564443	6	34.71	32444500	40.0
Cyclononasiloxane...	36.50	1.3	ug/L	1044120	6	34.71	32444500	40.0
Cyclononasiloxane...	37.78	1.5	ug/L	1218480	6	34.71	32444500	40.0
1,1,1,5,7,7,7-Hep...	39.34	1.7	ug/L	1368580	6	34.71	32444500	40.0