NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052302\11931.D Vial: 11
Acq On : 23 May 2002 6:07 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 09:45:19 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 09:44:24 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	4045165	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	16115571	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.53	164	8878365	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	13391374	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	6694996	40.00	ug/L	-0.04
43) Perylene-d12	34.65	264	2760720	40.00	ug/L	-0.03
System Monitoring Compounds						
27) TCMX	20.50	209	1363564	33.28	ug/L	-0.01
Spiked Amount 40.000			Recovery = 83.20%			
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	20.50	77	24784	N.D.		
30) Nnitrosodiphenylamine	20.51	169	27466	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	0.00	149	0	N.D.		

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

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Comments for Sample AE11931 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 15:25:58

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

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Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 09:44:24 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	30.76	228	17609	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42)	Chrysene	30.83	228	5612	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

NYC-WTC_000013576

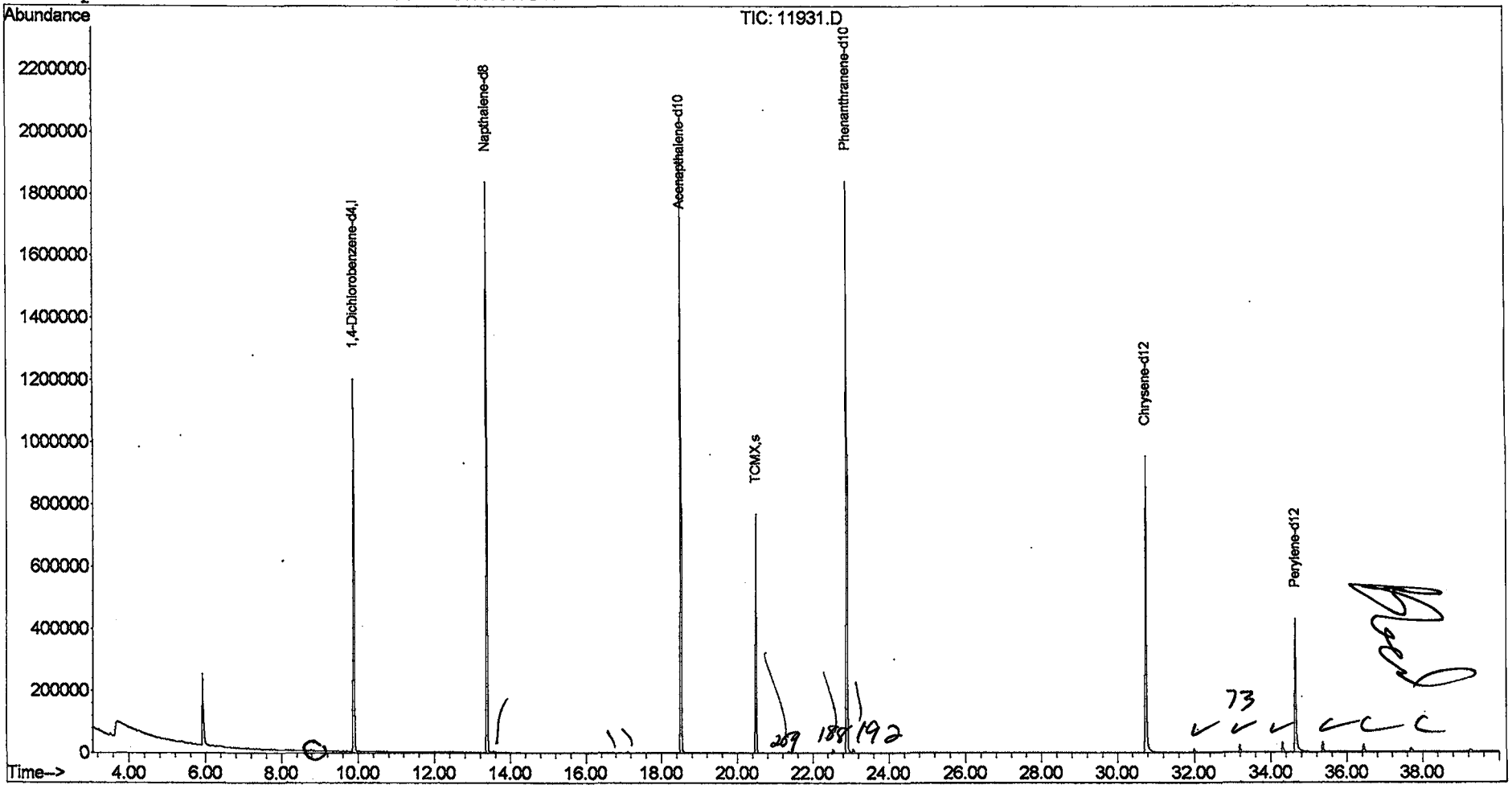
NYC-WTC_000013577

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052302\11931.D Vial: 11
Acq On : 23 May 2002 6:07 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 9:50 2002 Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 09:44:24 2002
Response via : Initial Calibration



NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052302\11931.D
Acq On : 23 May 2002 6:07 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\052202.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	3.232	22	26	31	PV 4	4212	60188	0.17%	0.031%
2	3.538	71	78	86	PV 7	8243	166466	0.46%	0.084%
3	3.714	94	108	134	PV 5	47656	5420499	14.93%	2.750%
4	3.872	134	135	158	VV 4	39933	3127514	8.62%	1.587%
5	4.025	158	161	163	VV 4	33029	544930	1.50%	0.276%
6	4.043	163	164	166	VV 2	32575	346405	0.95%	0.176%
7	4.060	166	167	172	VV 4	32445	625749	1.72%	0.317%
8	4.102	172	174	180	VV 4	30670	810784	2.23%	0.411%
9	4.149	180	182	184	VV 3	29235	381618	1.05%	0.194%
10	4.172	184	186	191	VV 5	28354	658302	1.81%	0.334%
11	4.260	198	201	209	VV 6	26306	887651	2.45%	0.450%
12	5.365	385	389	403	VV 9	6009	274748	0.76%	0.139%
13	5.876	473	476	480	PV 6	1952	34646	0.10%	0.018%
14	5.935	480	486	511	VV	229252	5333530	14.69%	2.706%
15	6.317	547	551	556	VV 7	1873	18264	0.05%	0.009%
16	6.399	561	565	570	PV 6	2376	27206	0.07%	0.014%
17	7.721	786	790	791	PV 4	1923	22881	0.06%	0.012%
18	7.739	791	793	800	VV 8	2194	44663	0.12%	0.023%
19	8.790	966	972	980	PV 6	2615	54238	0.15%	0.028%
20	9.901	1152	1161	1181	PV	1179613	24153881	66.55%	12.255%
21	12.374	1578	1582	1588	VV 3	1830	34268	0.09%	0.017%
22	12.492	1599	1602	1609	VV 3	2287	39069	0.11%	0.020%
23	12.692	1629	1636	1645	VV 2	1962	40884	0.11%	0.021%
24	13.391	1743	1755	1776	PV	1803536	32800354	90.37%	16.642%
25	13.544	1776	1781	1789	VV 2	4385	79115	0.22%	0.040%
26	15.659	2132	2141	2146	PV 2	1585	26614	0.07%	0.014%
27	16.711	2314	2320	2334	VV 2	2793	58868	0.16%	0.030%
28	17.110	2384	2388	2394	VV 3	3923	62693	0.17%	0.032%
29	18.532	2617	2630	2643	PV	1916396	36295057	100.00%	18.415%
30	20.101	2891	2897	2907	VV 5	1736	40285	0.11%	0.020%
31	20.506	2954	2966	2978	PV	751269	13576309	37.41%	6.888%
32	21.352	3101	3110	3122	PV 4	4148	70868	0.20%	0.036%
33	22.539	3303	3312	3320	VV 2	12462	231645	0.64%	0.118%
34	22.915	3365	3376	3396	PV 2	1812957	36285150	99.97%	18.410%
35	23.068	3396	3402	3414	VV	11798	236997	0.65%	0.120%
36	30.759	4698	4711	4740	PV 2	943784	20682947	56.99%	10.494%
37	30.941	4740	4742	4752	VV 6	2452	50789	0.14%	0.026%

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38.	31.999	4912	4922	4934	PV	2	12069	233013	0.64%	0.118%
39	33.197	5118	5126	5138	PV	2	23487	467990	1.29%	0.237%
40	34.326	5304	5318	5327	VV	2	30549	657604	1.81%	0.334%
41	34.655	5364	5374	5404	PV	2	430435	10022183	27.61%	5.085%
42	34.843	5404	5406	5409	VV	3	3114	42493	0.12%	0.022%
43	35.377	5482	5497	5508	VV	3	31167	745295	2.05%	0.378%
44	36.447	5671	5679	5689	VV	3	23206	602673	1.66%	0.306%
45	37.716	5882	5895	5912	VV	6	12083	439691	1.21%	0.223%
46	39.249	6139	6156	6170	VV	7	5952	278814	0.77%	0.141%

Sum of corrected areas: 197095831

NYC-WTC_000013579

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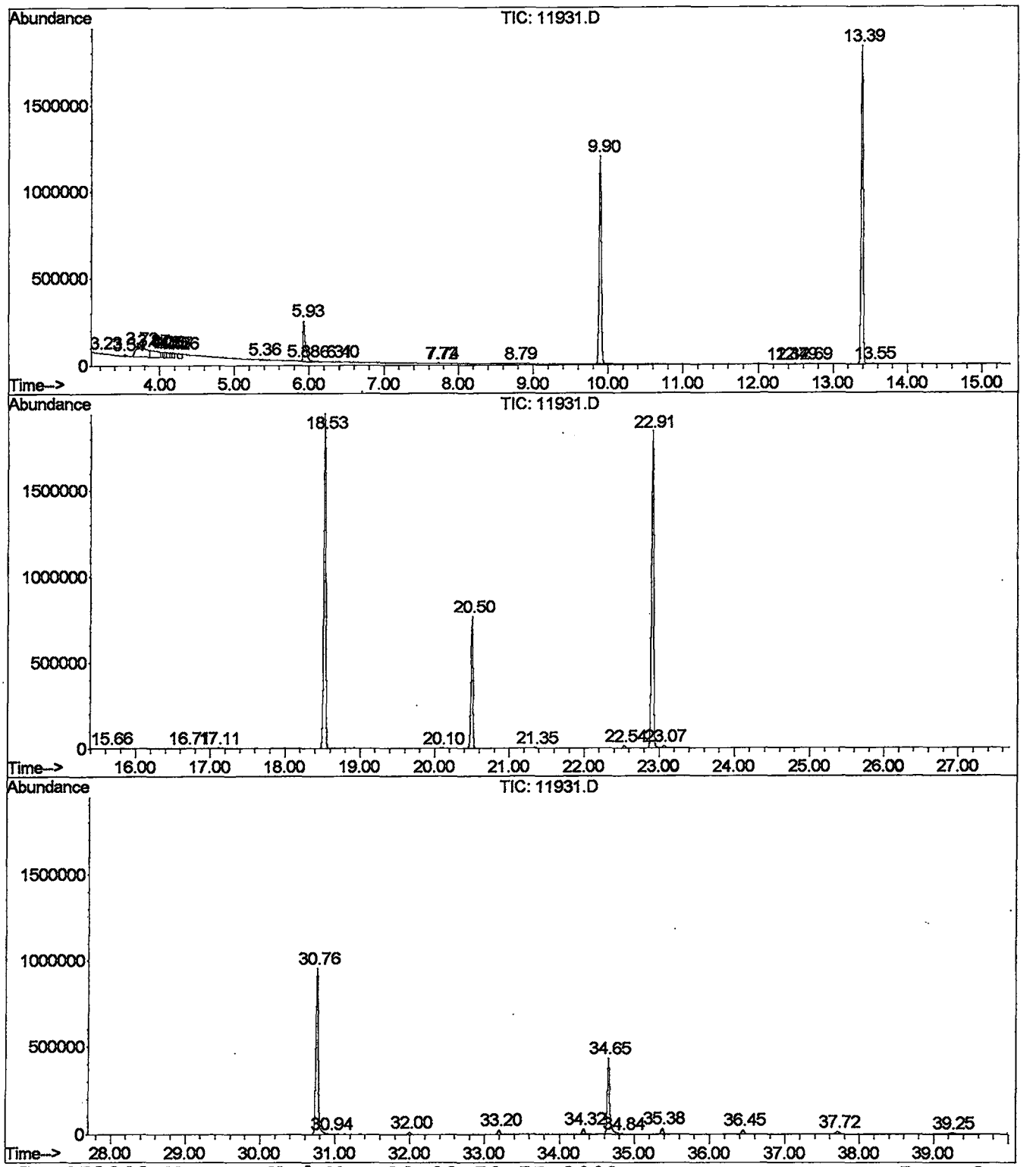
LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052302\11931.D
Operator : Mclean
Acquired : 23 May 2002 6:07 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/22ad
Misc Info :
Vial Number: 11
Quant File :052202.RES (Chemstation Integrator)



NYC-WTC_000013580

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11931.D
Acq On : 23 May 2002 6:07 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

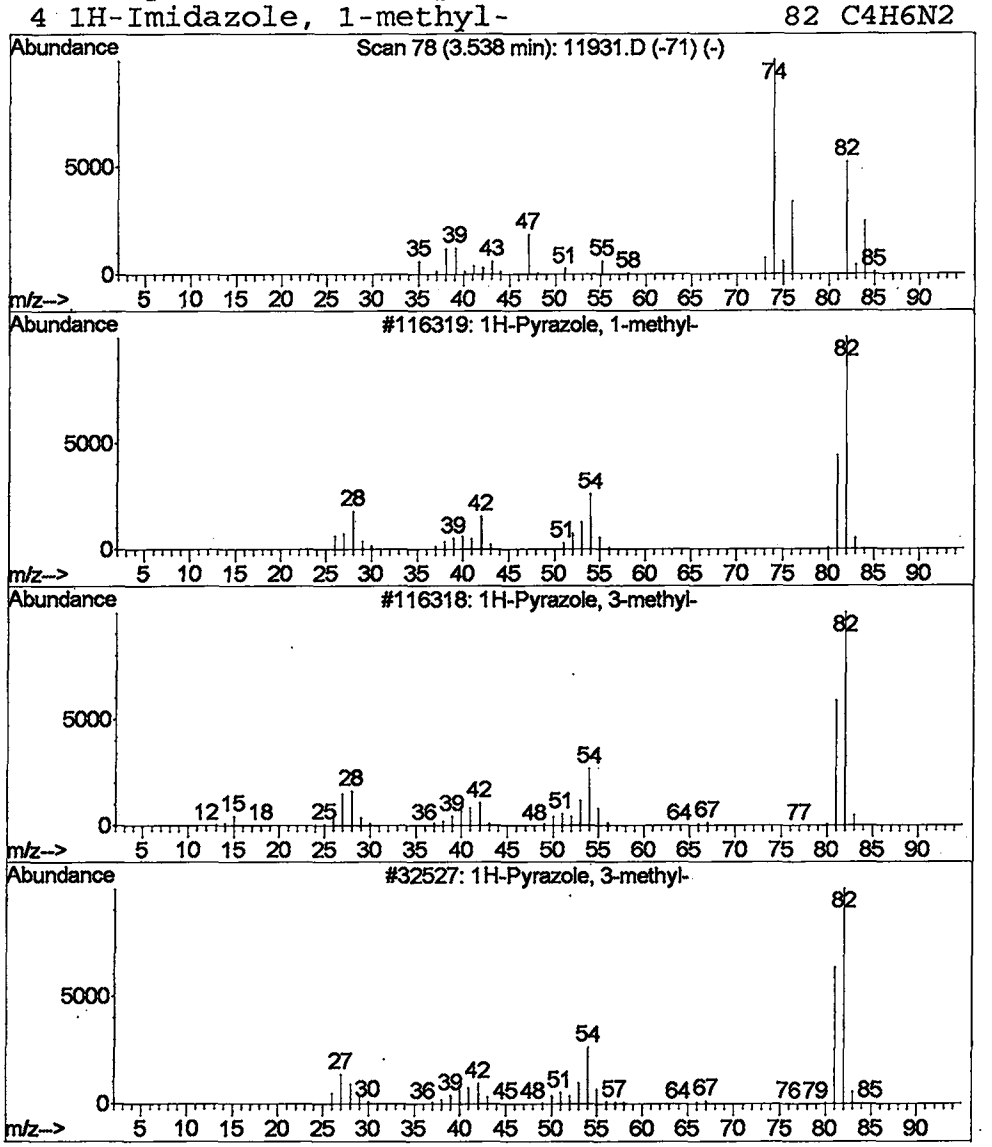
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

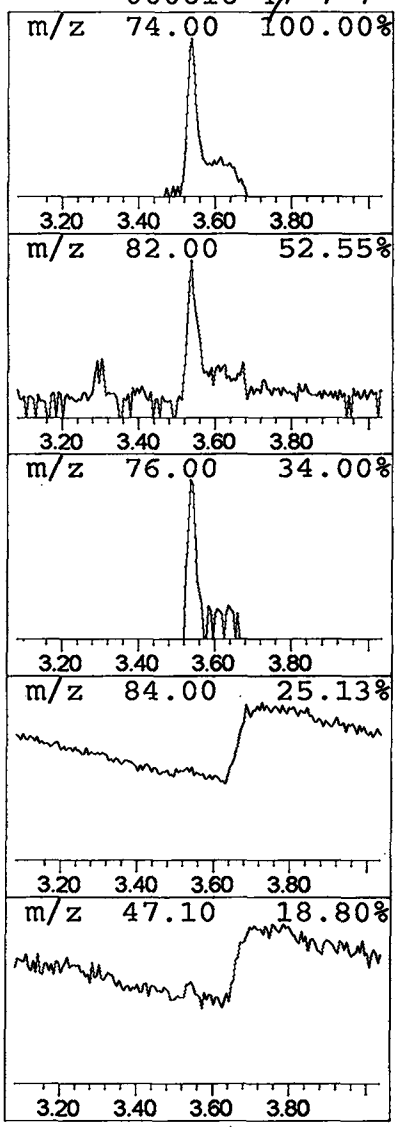
****

Peak Number 1 1H-Pyrazole, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.54	0.28 ug/L	166466	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	7
2	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	7
3	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	7
4	1H-Imidazole, 1-methyl-	82	C4H6N2	000616-47-7	7





NYC-WTC_000013581

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11931.D
Acq On : 23 May 2002 6:07 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

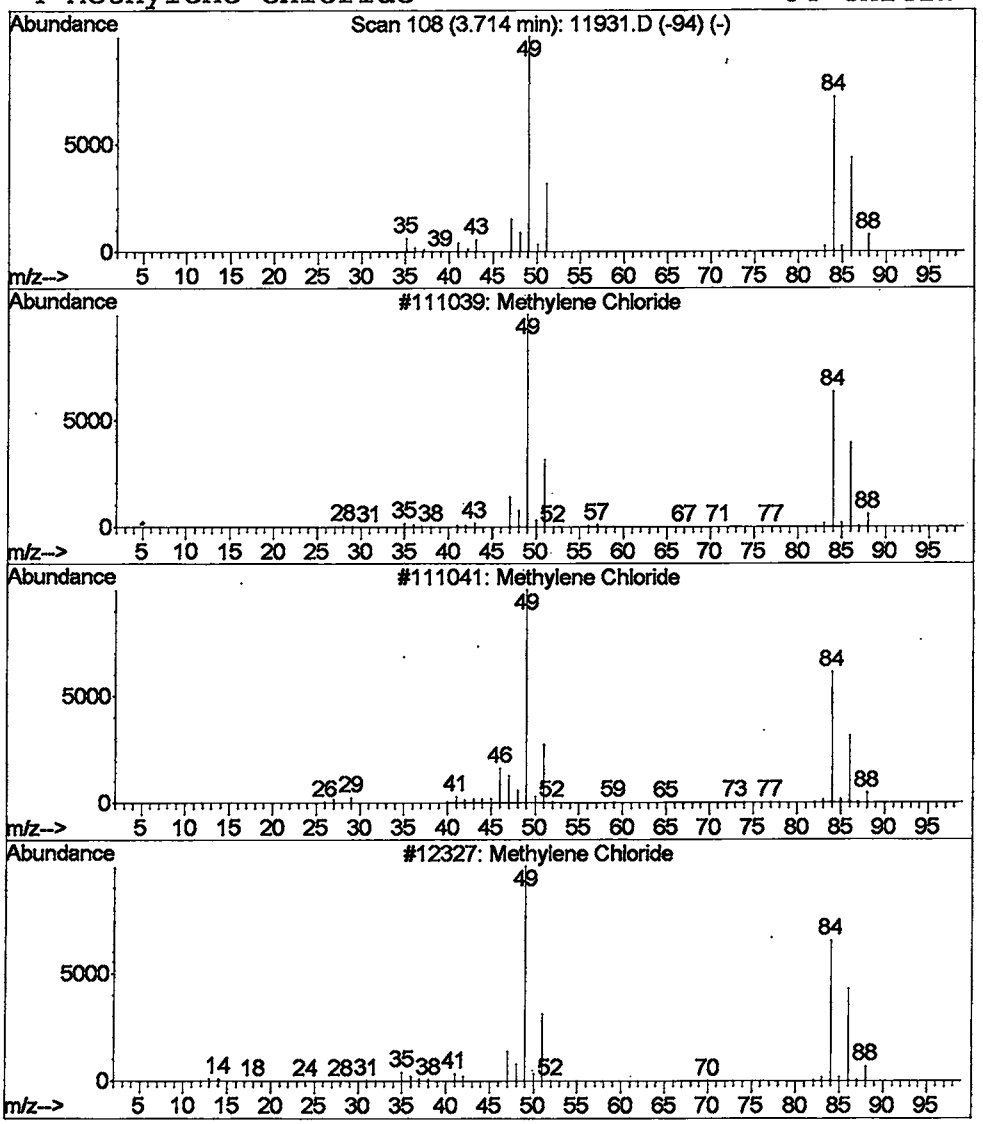
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

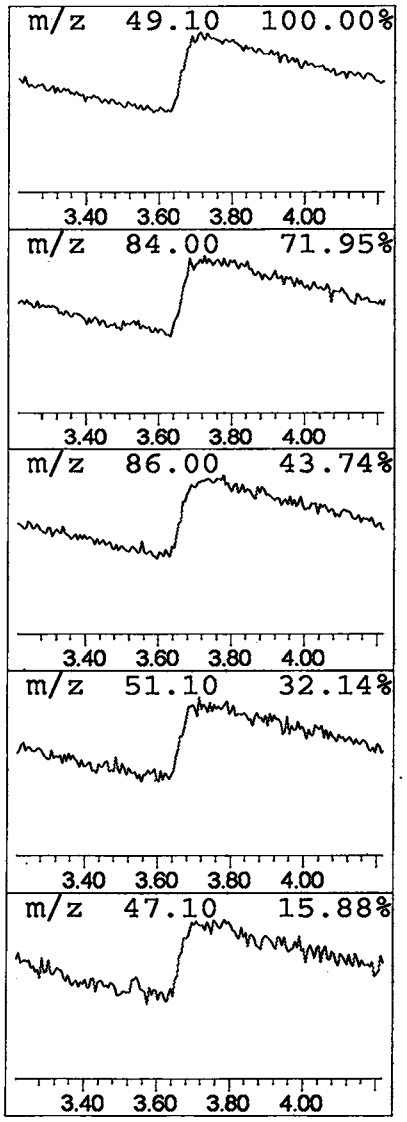
****

Peak Number 2 Methylene Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	8.98 ug/L	5420500	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	95
2	Methylene Chloride	84	CH2Cl2	000075-09-2	94
3	Methylene Chloride	84	CH2Cl2	000075-09-2	94
4	Methylene Chloride	84	CH2Cl2	000075-09-2	28





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Library Search Compound Report

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Acq On : 23 May 2002 6:07 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

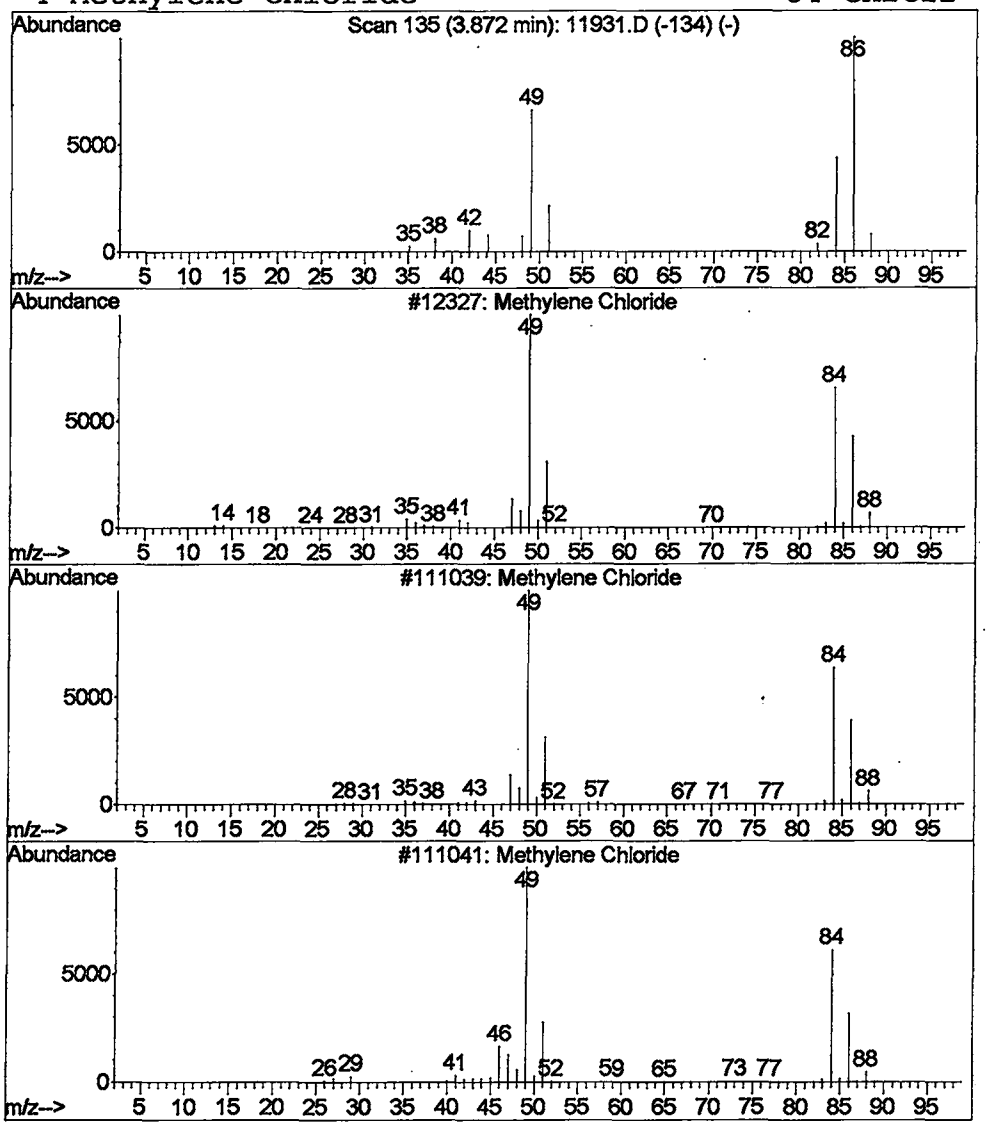
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

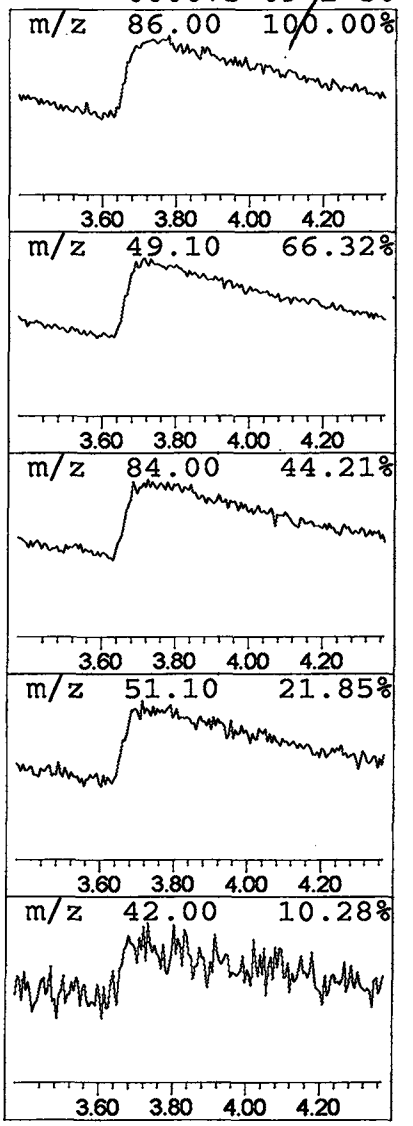
****

Peak Number 3 Methylene Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	5.18 ug/L	3127510	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	72
2	Methylene Chloride	84	CH2Cl2	000075-09-2	72
3	Methylene Chloride	84	CH2Cl2	000075-09-2	64
4	Methylene Chloride	84	CH2Cl2	000075-09-2	50





NYC-WTC_000013583

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11931.D
Acq On : 23 May 2002 6:07 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

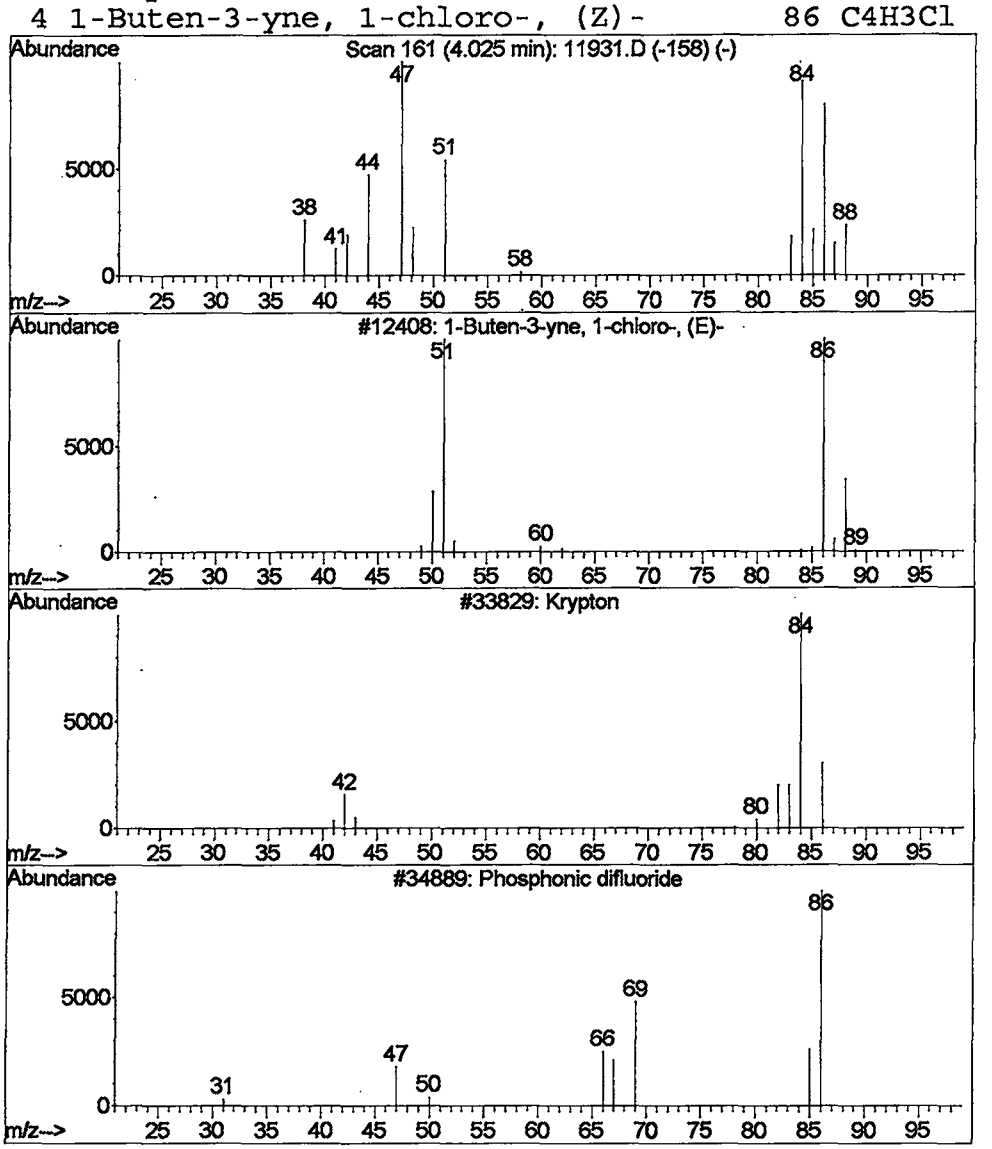
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

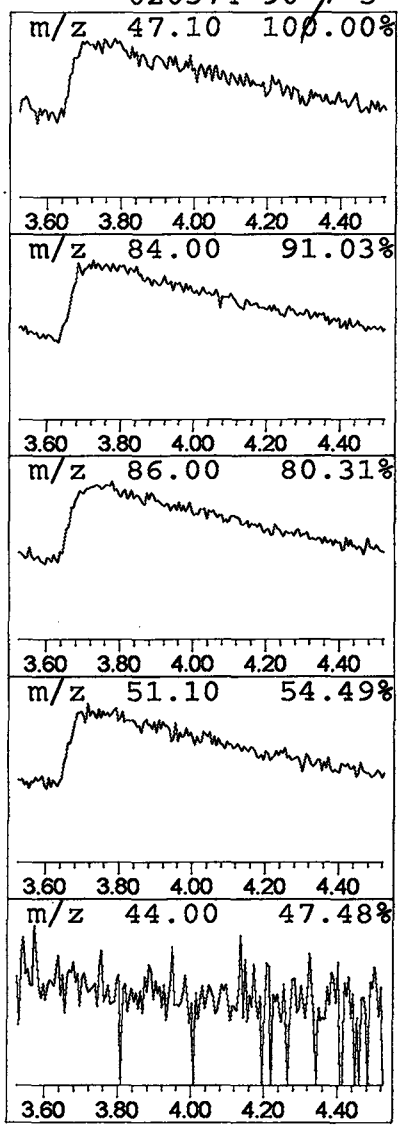
****

Peak Number 4 1-Buten-3-yne, 1-chloro-, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	0.90 ug/L	544930	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 1-chloro-, (E)-	86	C4H3Cl	020374-91-8	38
2	Krypton	84	Kr	007439-90-9	9
3	Phosphonic difluoride	86	F2HOP	014939-34-5	5
4	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	5





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Library Search Compound Report

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Acq On : 23 May 2002 6:07 pm
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Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

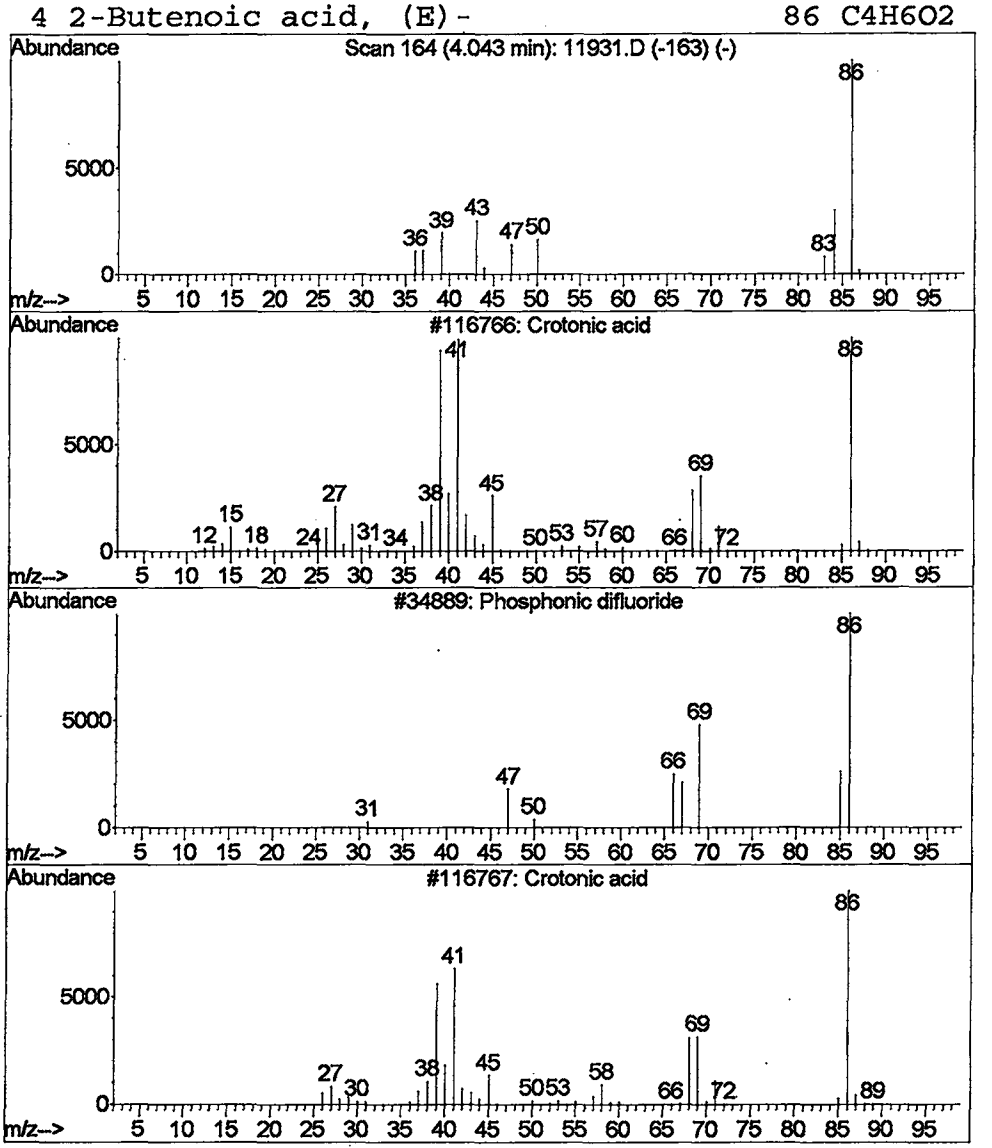
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

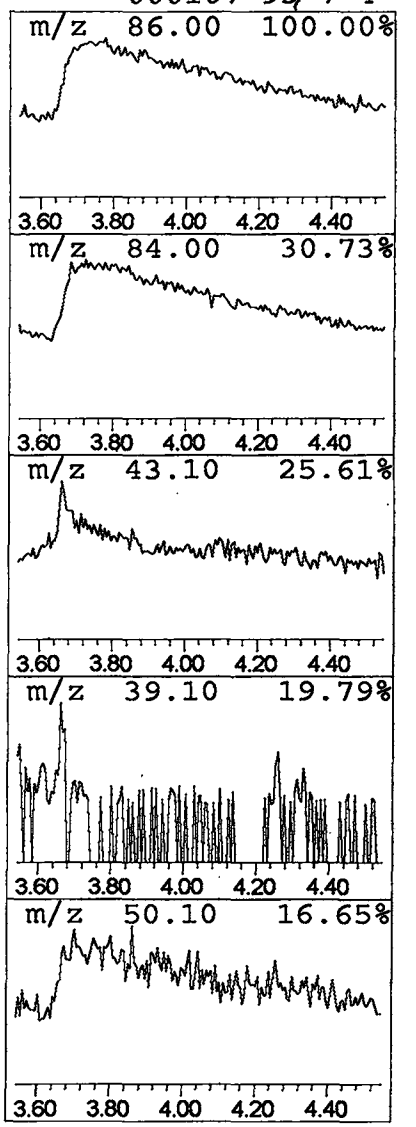
****

Peak Number 5 Crotonic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	0.57 ug/L	346405	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crotonic acid	86	C4H6O2	003724-65-0	5
2	Phosphonic difluoride	86	F2HOP	014939-34-5	5
3	Crotonic acid	86	C4H6O2	003724-65-0	4
4	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	4





NYC-WTC_000013585

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11931.D
Acq On : 23 May 2002 6:07 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

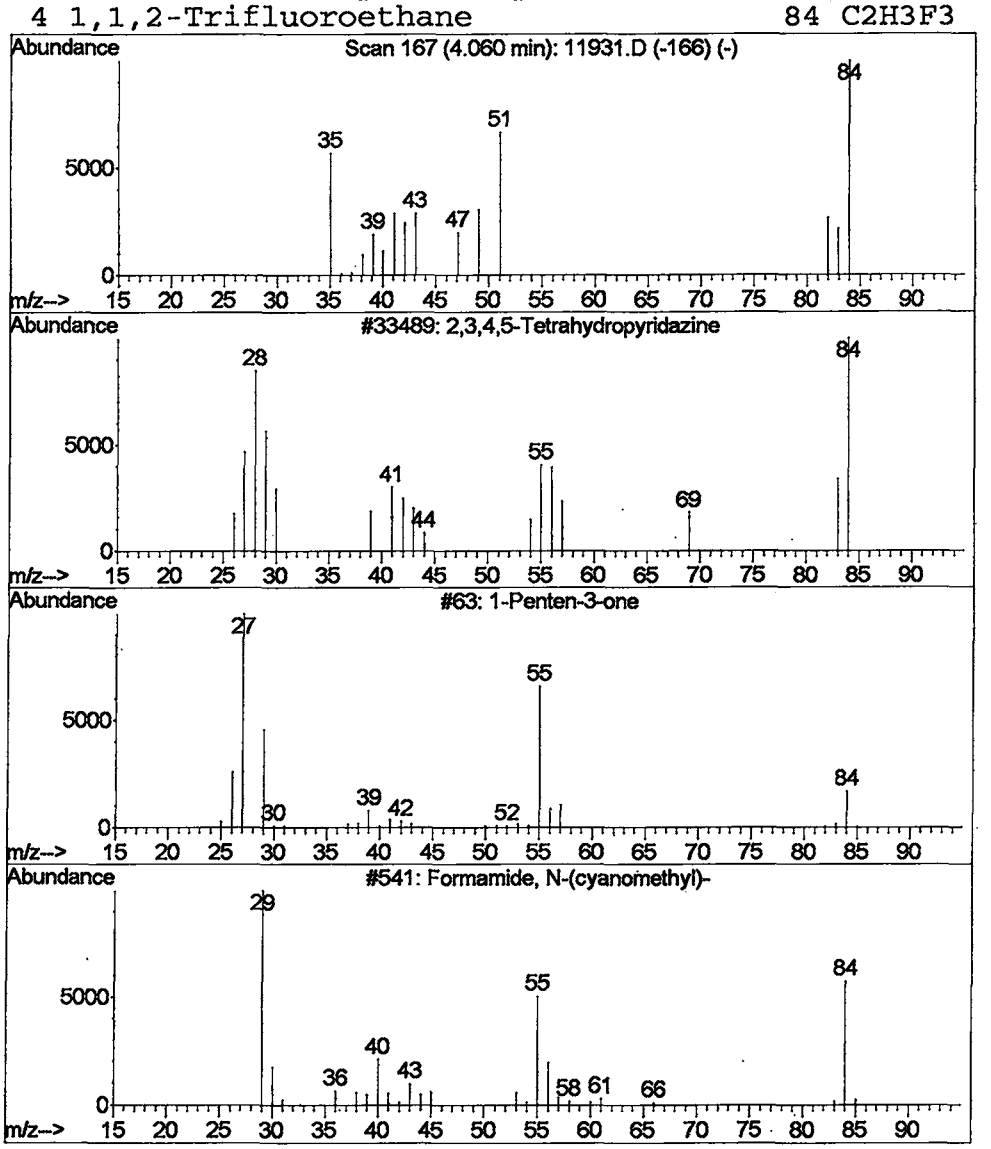
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

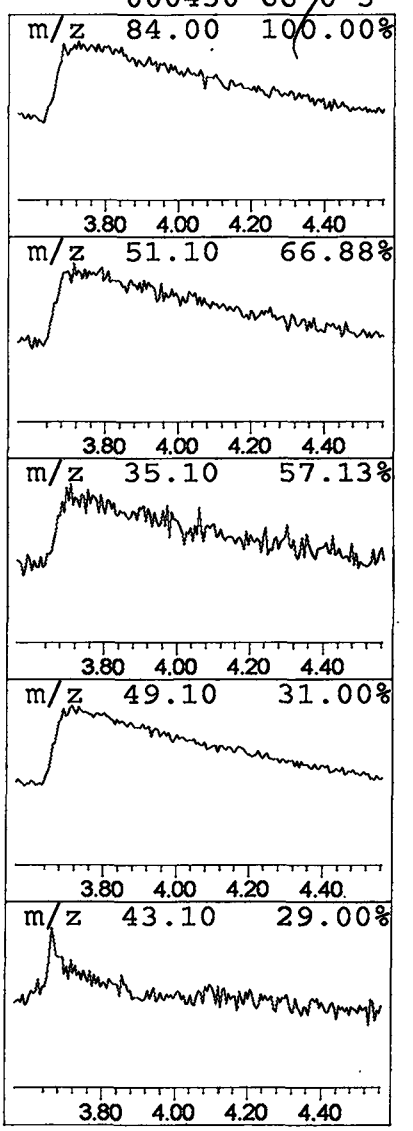
****

Peak Number 6 2,3,4,5-Tetrahydropyridazine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	1.04 ug/L	625749	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	7
2	1-Penten-3-one	84	C5H8O	001629-58-9	4
3	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	4
4	1,1,2-Trifluoroethane	84	C2H3F3	000430-66-0	3





NYC-WTC_000013586

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Library Search Compound Report

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Multiplr: 1.00

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Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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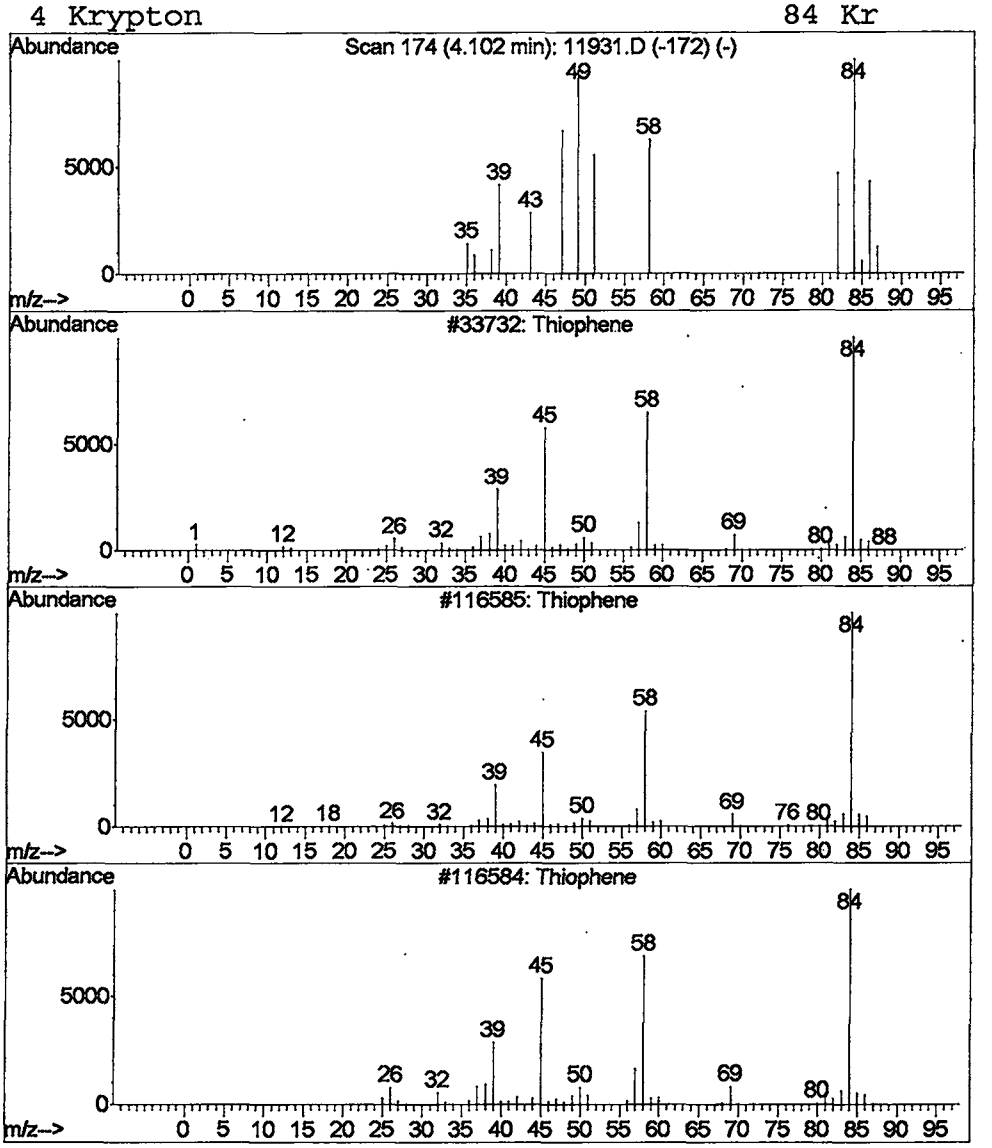
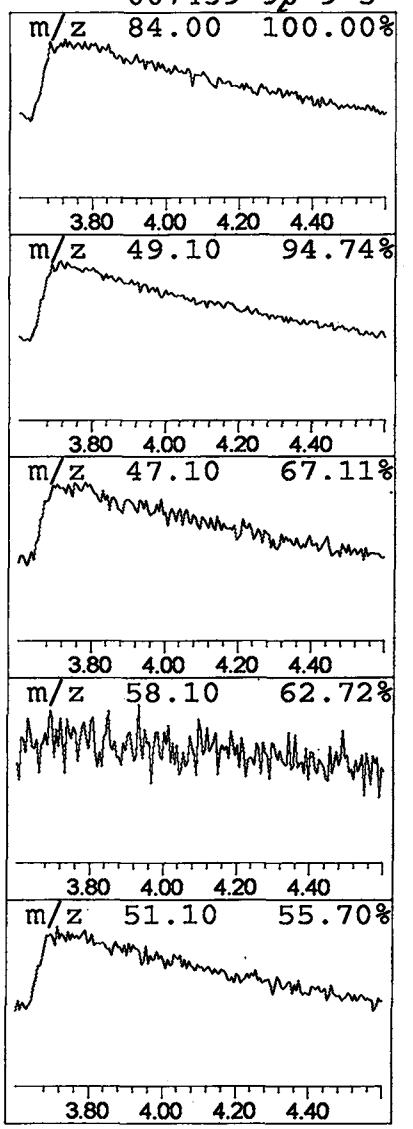
Peak Number 7 Thiophene — Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	1.34 ug/L	810784	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	9
2	Thiophene	84	C4H4S	000110-02-1	9
3	Thiophene	84	C4H4S	000110-02-1	9
4	Krypton	84	Kr	007439-90-9	5





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NYC 9/11 Public Portal Document

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Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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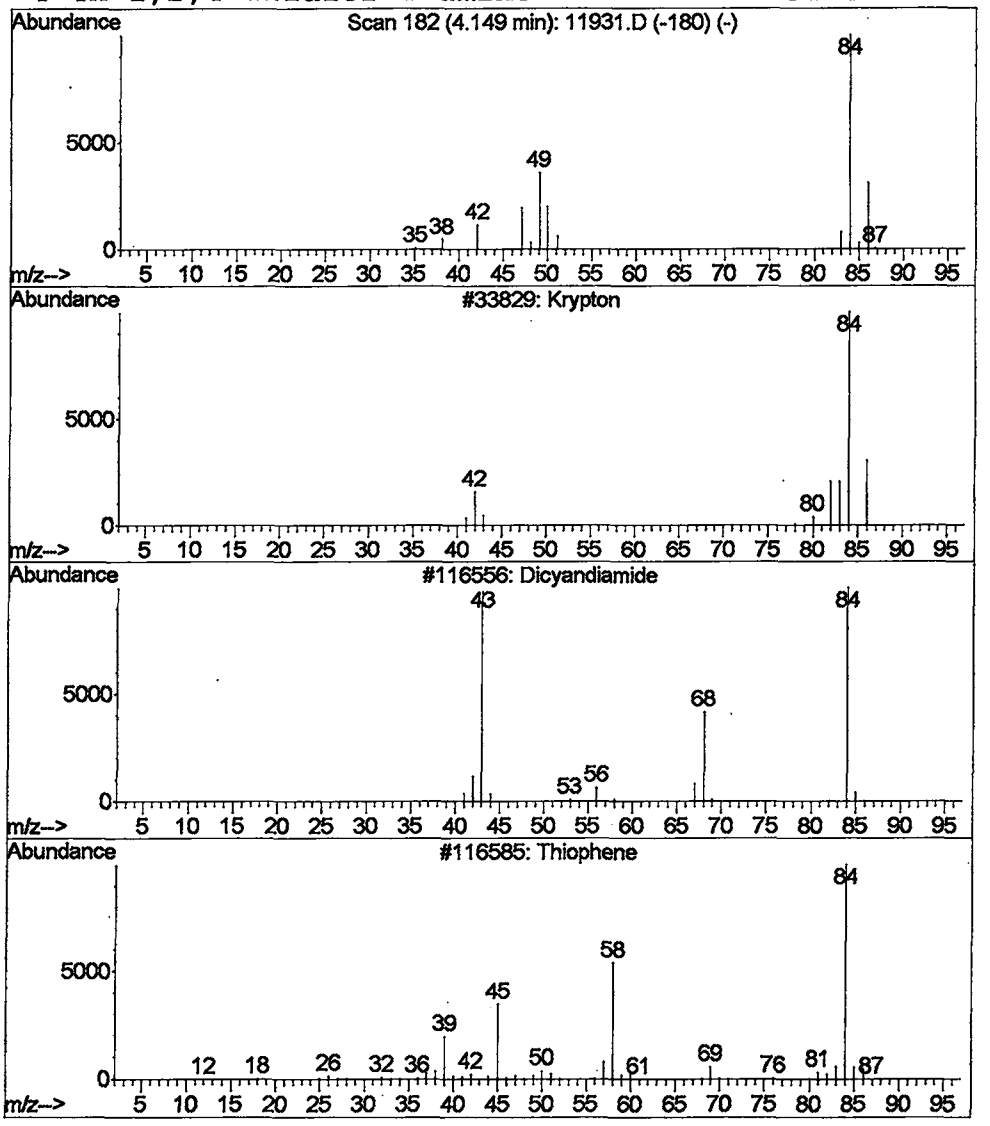
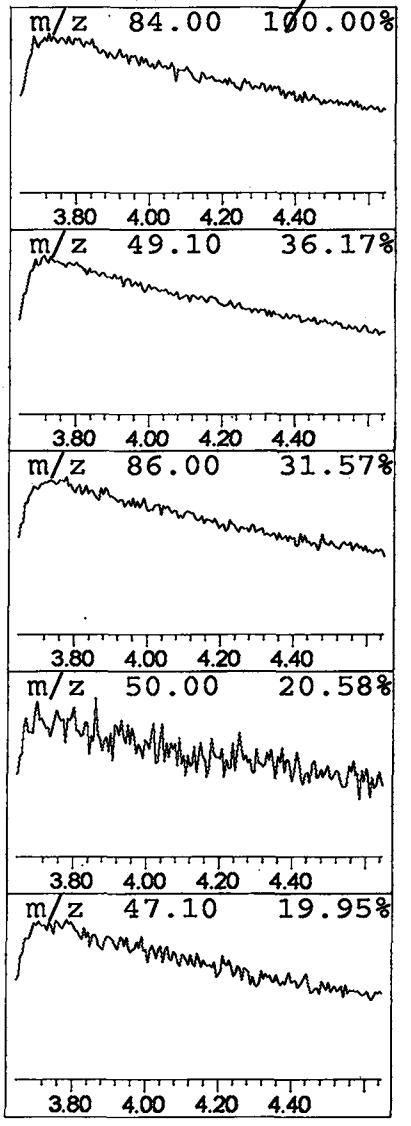
Peak Number 8 Krypton — Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.15	0.63 ug/L	381618	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	9
2	Dicyandiamide	84	C2H4N4	000461-58-5	7
3	Thiophene	84	C4H4S	000110-02-1	5
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	5





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NYC 9/11 Public Portal Document

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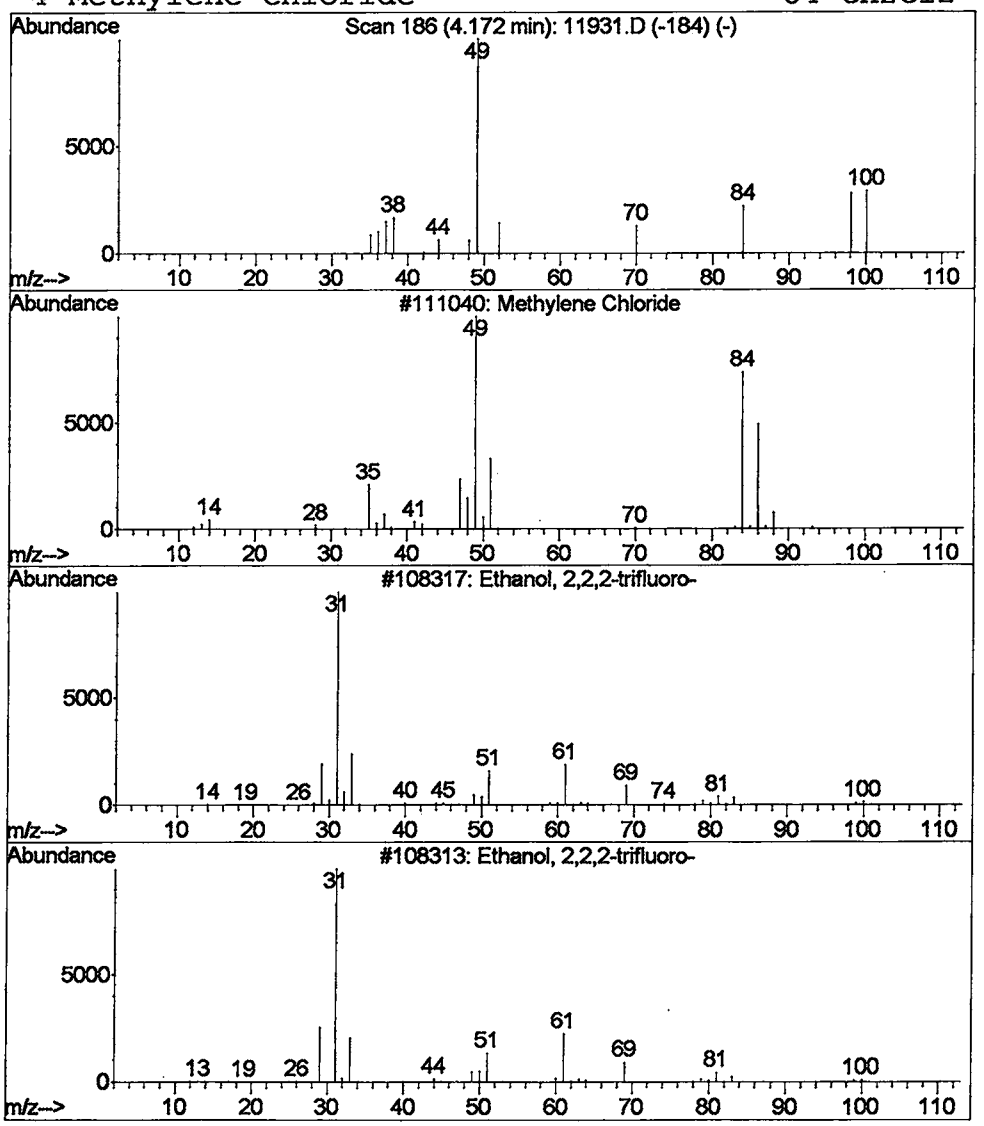
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

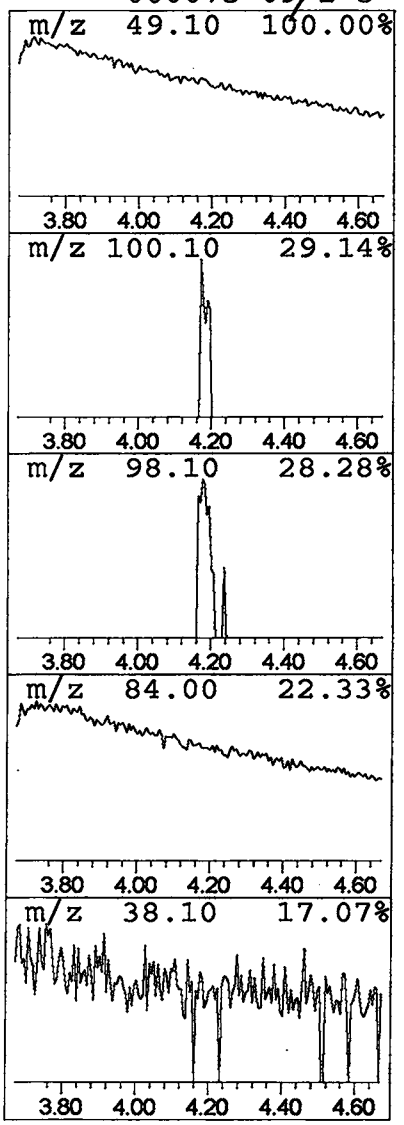
****

Peak Number 9 Methylene Chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	1.09 ug/L	658302	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	9
2	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	3
3	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	3
4	Methylene Chloride	84	CH2Cl2	000075-09-2	3





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Multiplr: 1.00

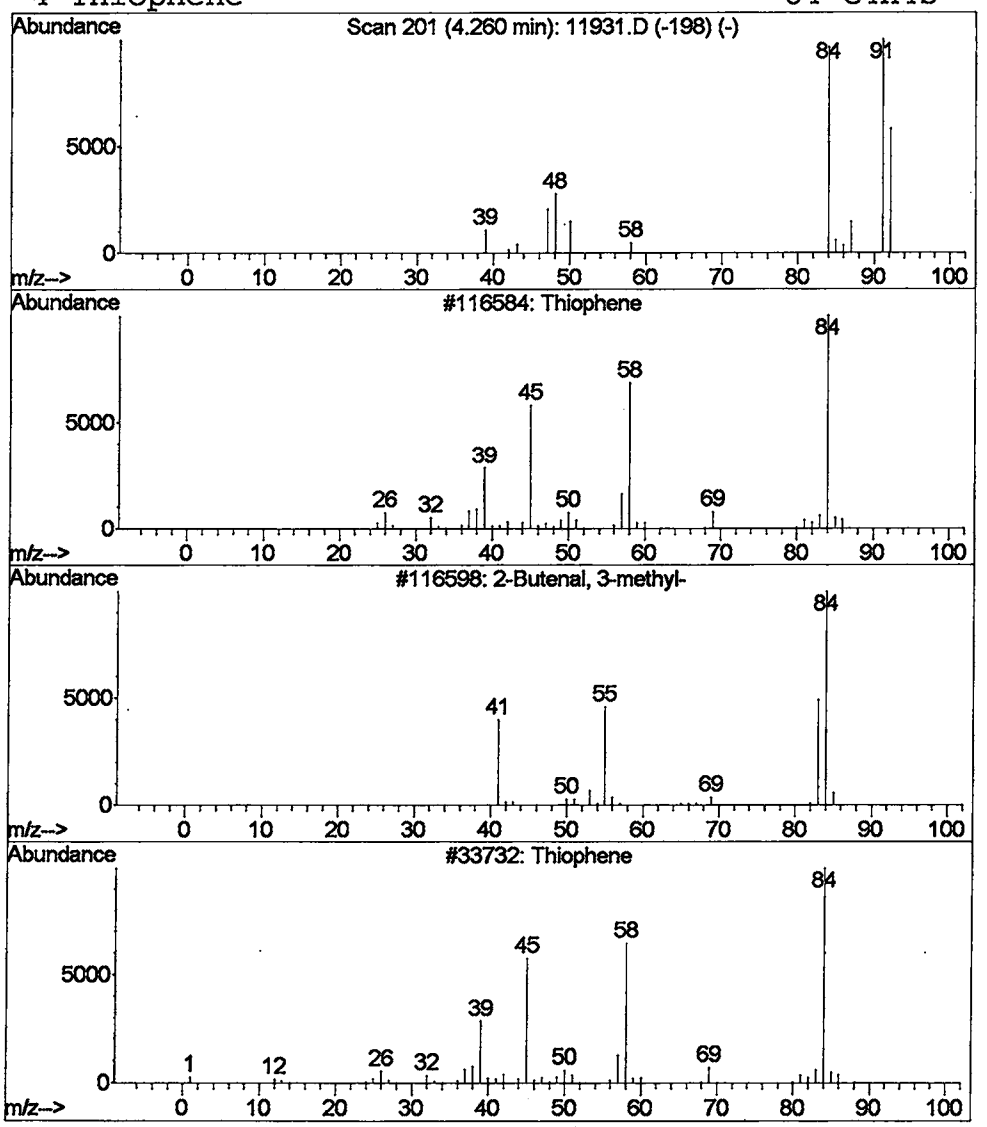
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

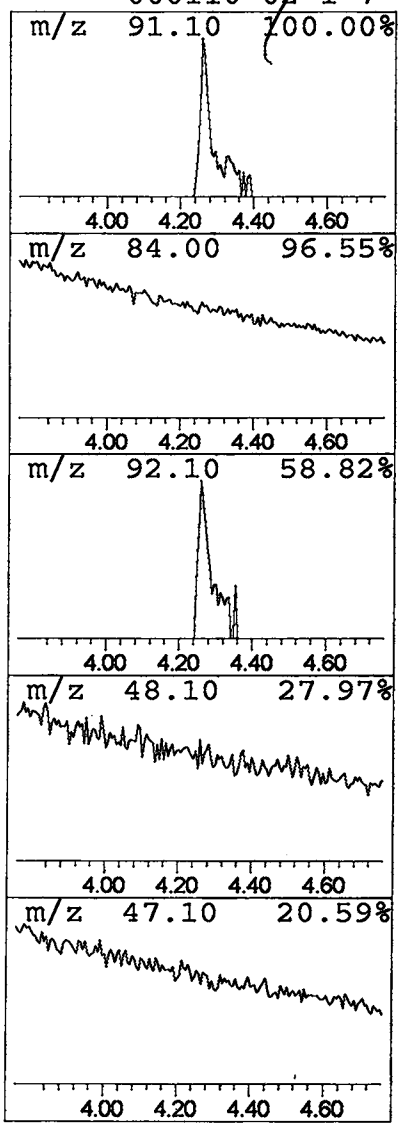
****

Peak Number 10 Thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	1.47 ug/L	887651	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	7
2	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	7
3	Thiophene	84	C4H4S	000110-02-1	7
4	Thiophene	84	C4H4S	000110-02-1	7





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Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
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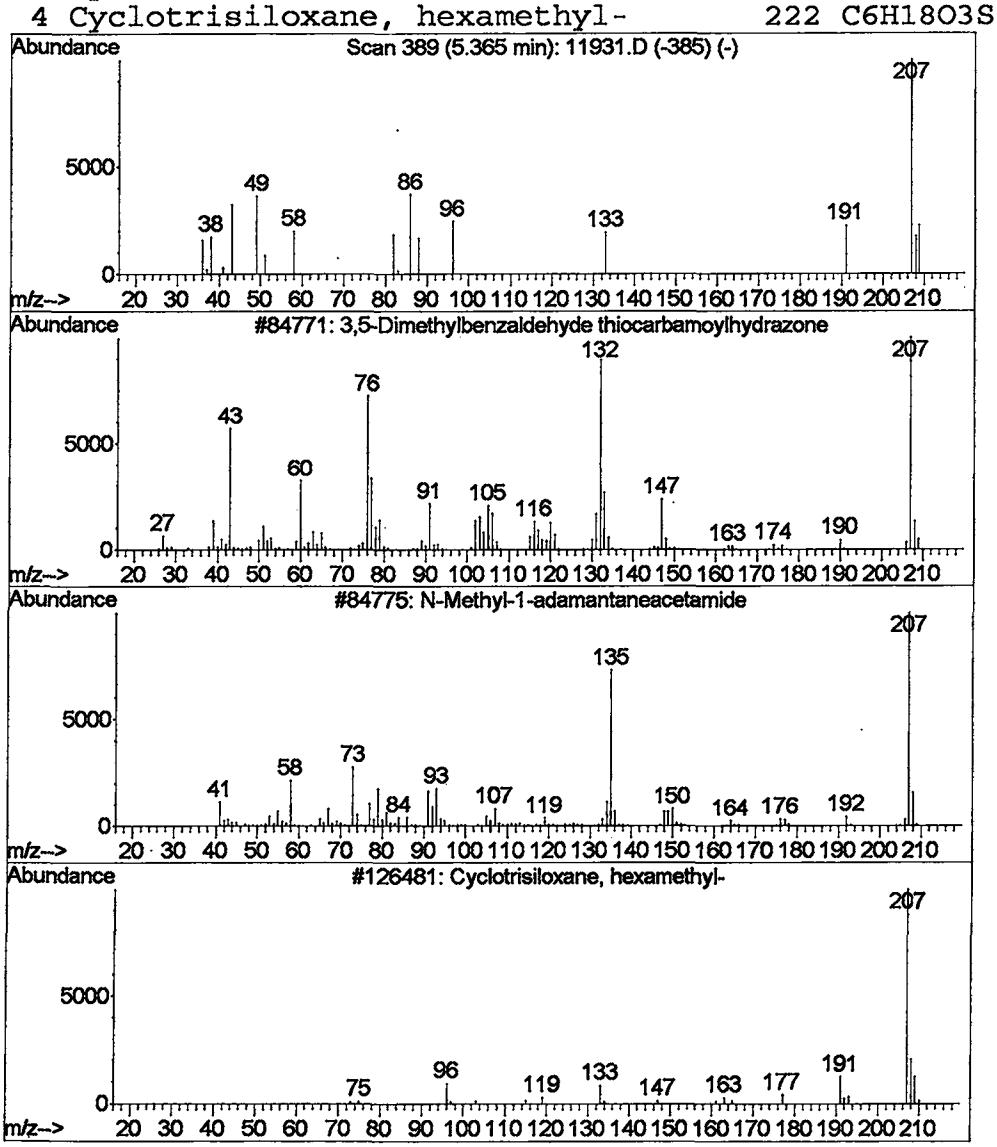
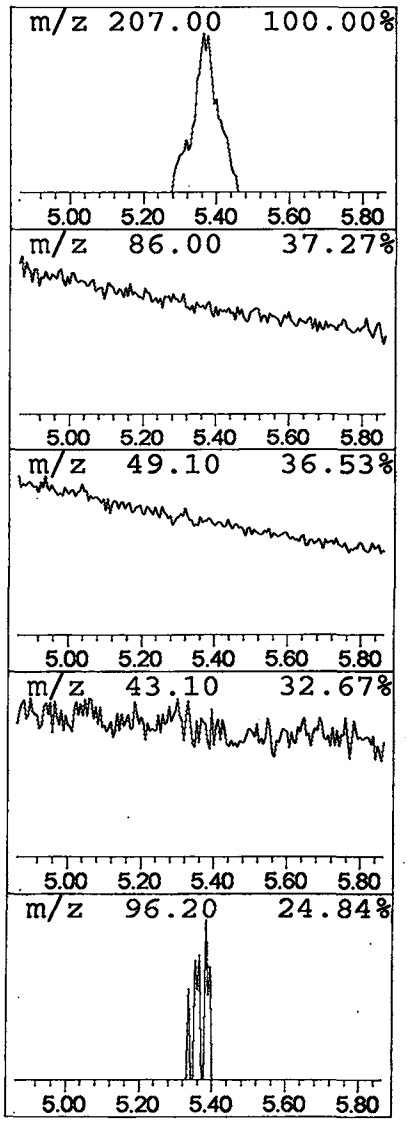
Peak Number 11 3,5-Dimethylbenzaldehyde th... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	0.45 ug/L	274748	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylbenzaldehyde thiocar...	207	C10H13N3S	1000195-15-1	9
2	N-Methyl-1-adamantaneacetamide	207	C13H21NO	1000211-60-4	9
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	9
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	9





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Multiplr: 1.00

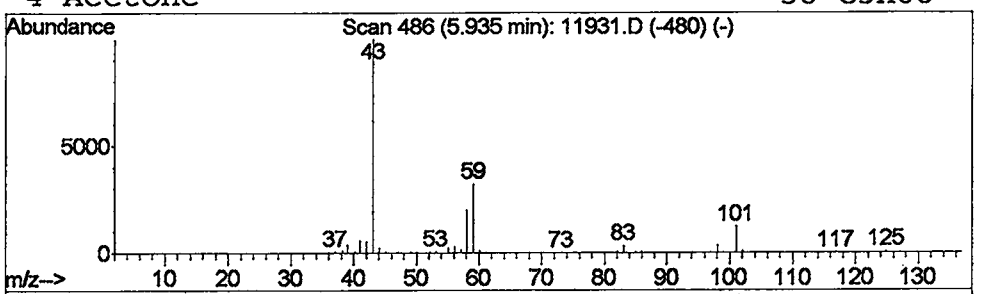
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

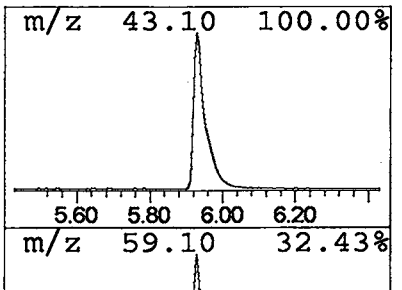
****

Peak Number 12 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	8.83 ug/L	5333530	1,4-Dichlorobenzene-d4	9.90

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	64
4	Acetone	58	C3H6O	000067-64-1	32





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Title : 508 Modified GC/MS scan
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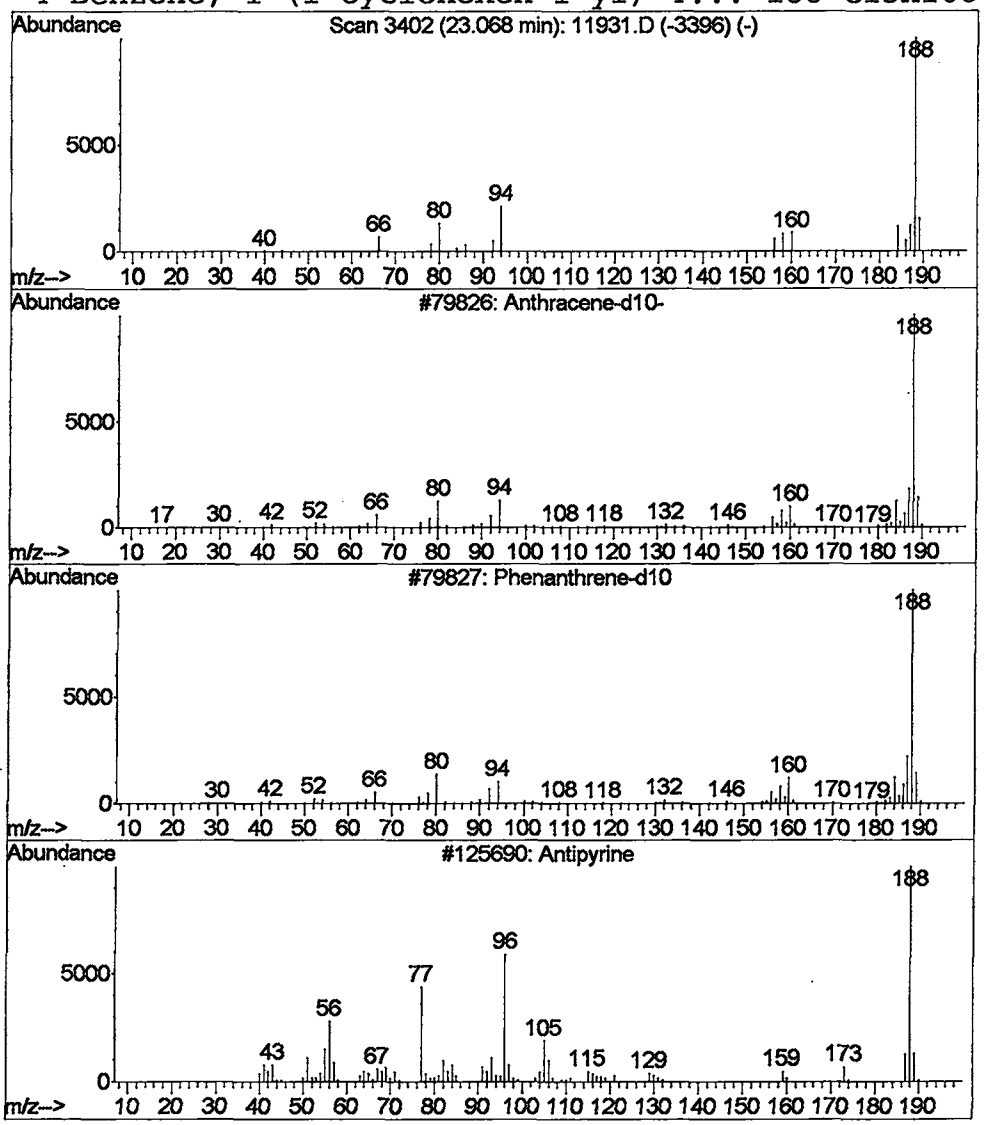
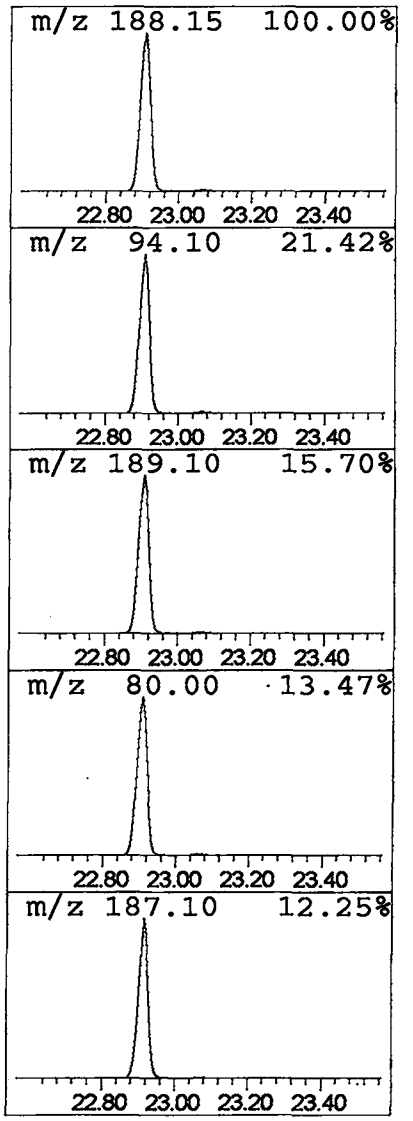
****

Peak Number 13 Anthracene-d10- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.26 ug/L	236997	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	90
2	Phenanthrene-d10	188	C14D10	001517-22-2	50
3	Antipyrine	188	C11H12N2O	000060-80-0	40
4	Benzene, 1-(1-cyclohexen-1-yl)-4...	188	C13H16O	020758-60-5	40





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Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

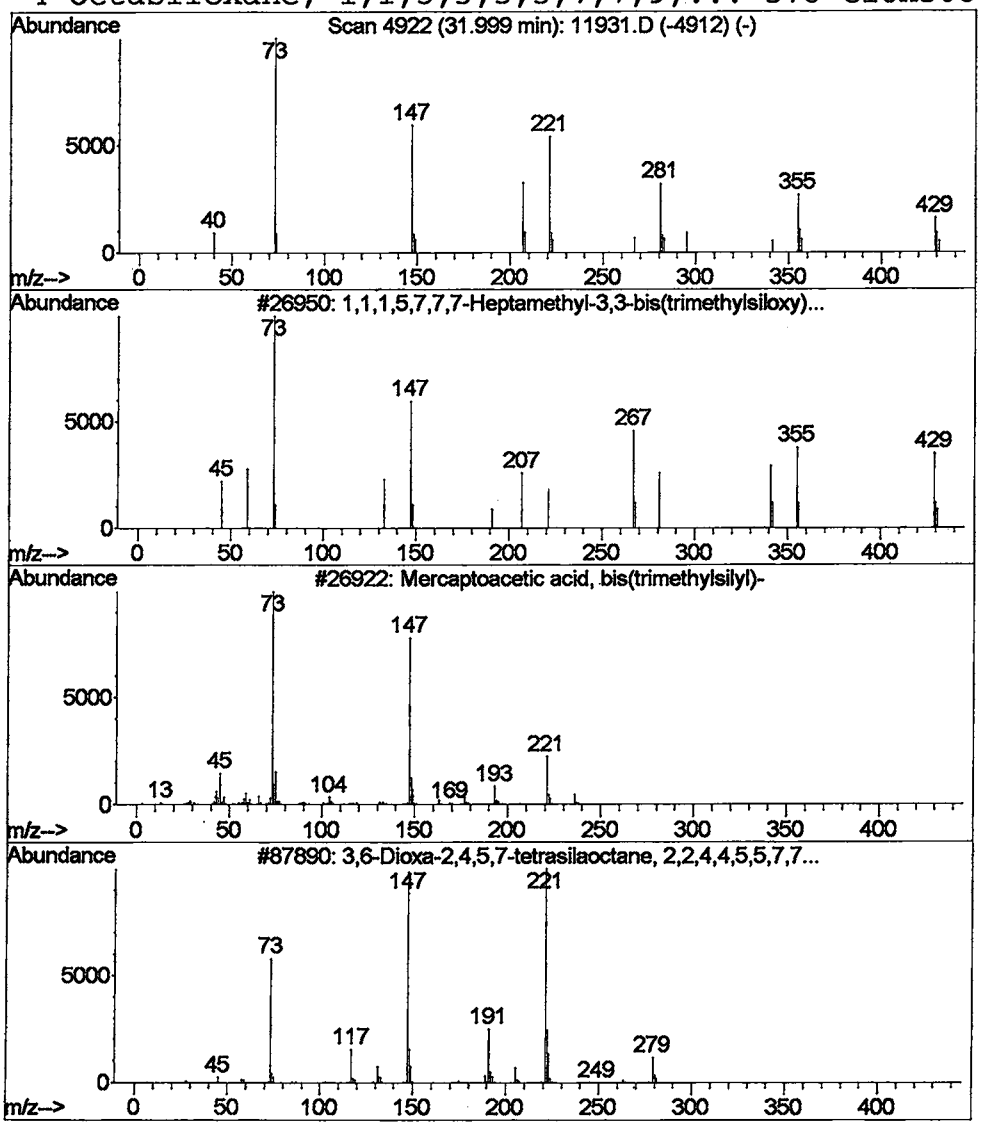
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

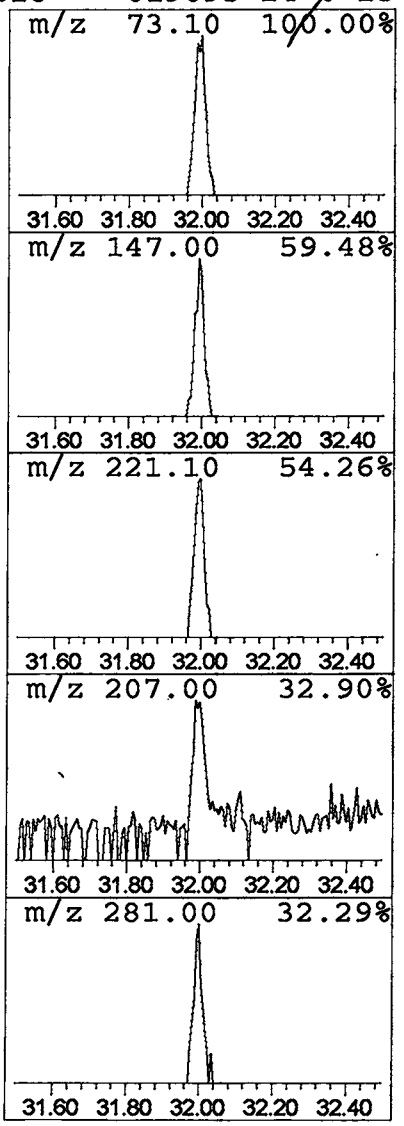
****

Peak Number 14 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.00	0.45 ug/L	233013	Chrysene-d12	30.76

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	42
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
4	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	25





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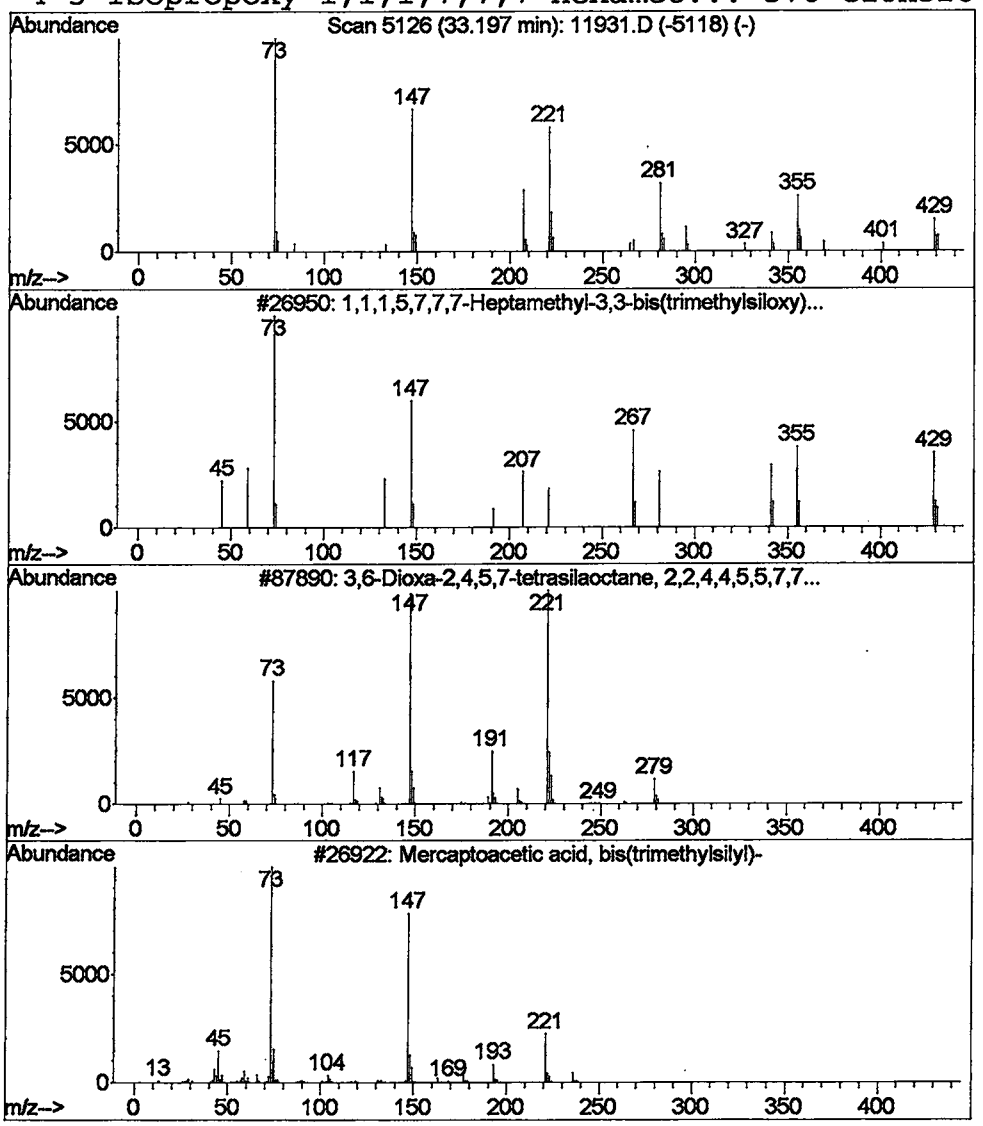
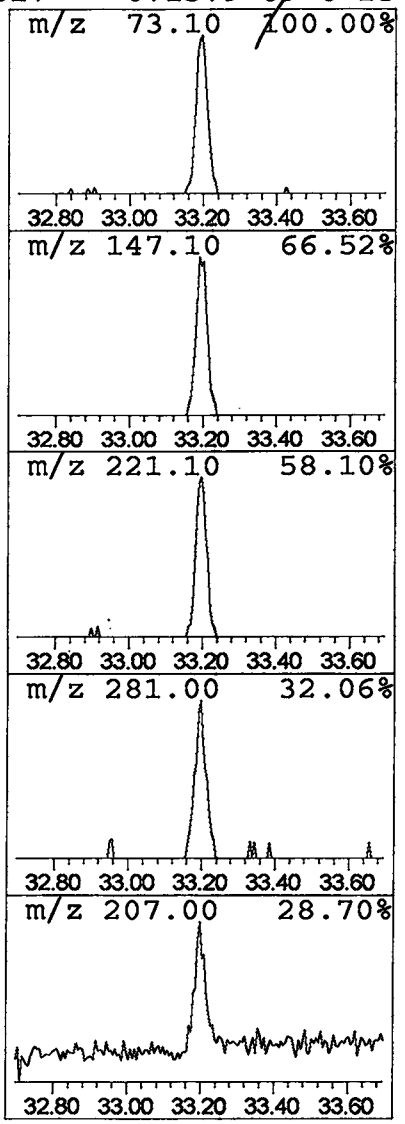
****

Peak Number 15 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.20	1.87 ug/L	467990	Perylene-d12	34.65

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	35
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	25





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Library Search Compound Report

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Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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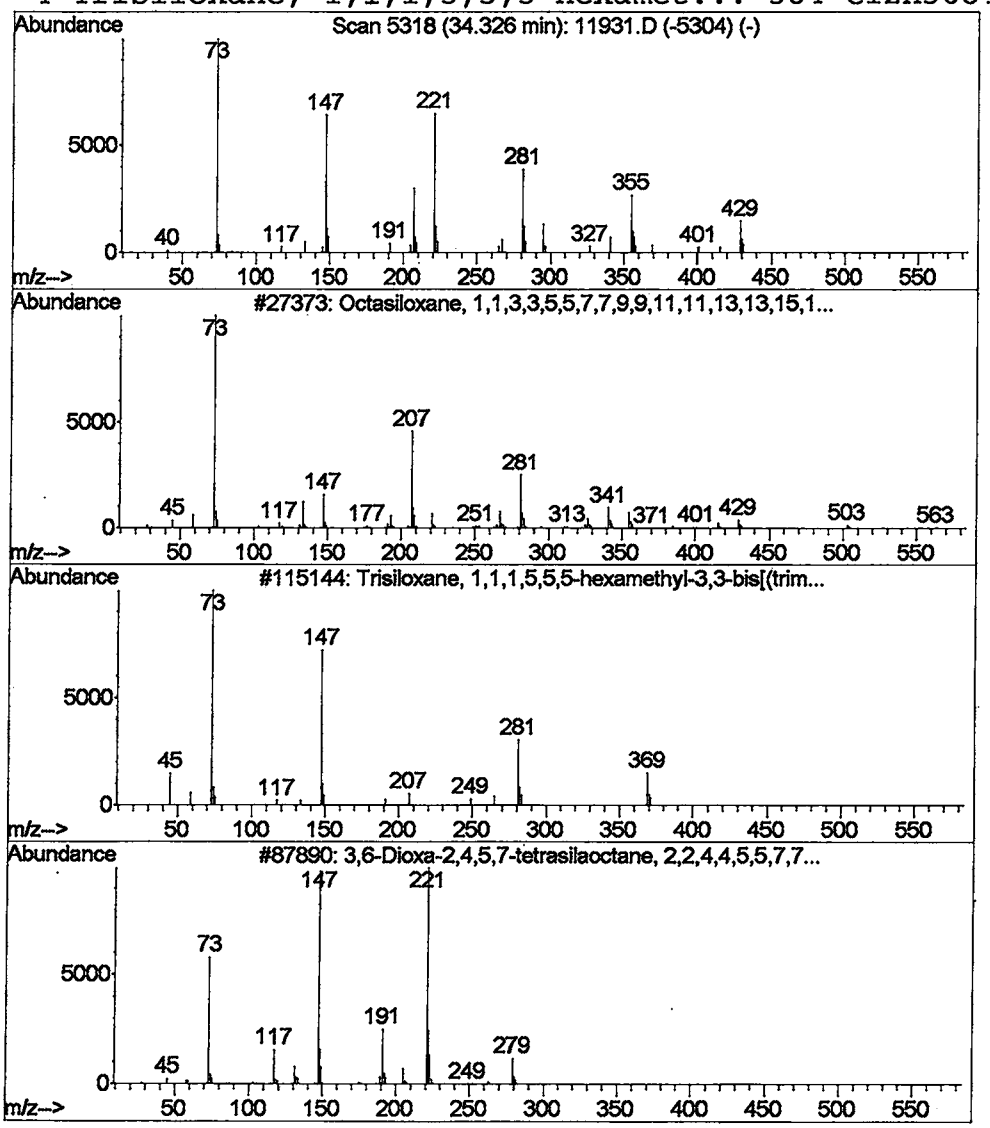
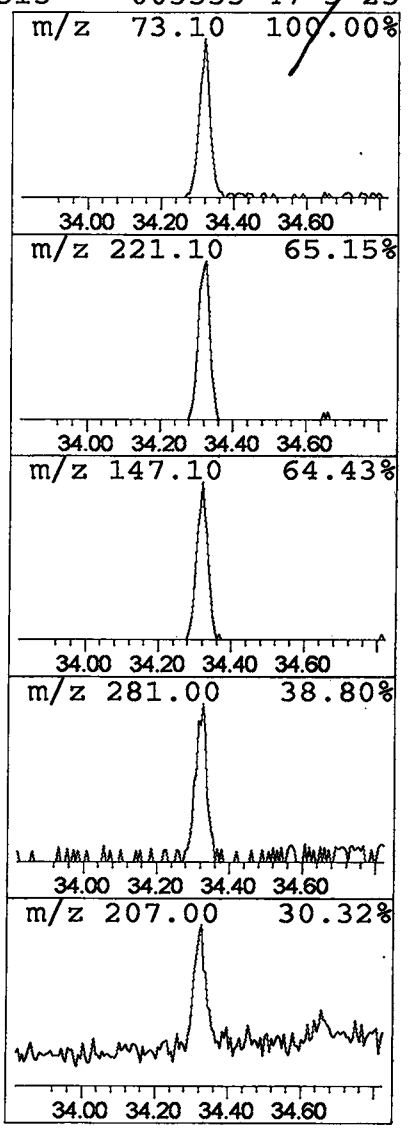
Peak Number 16 Octasiloxane, 1,1,3,3,5,5,7... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.32	2.62 ug/L	657604	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	38
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	35
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	27
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	25





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NYC 9/11 Public Portal Document

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Multiplr: 1.00

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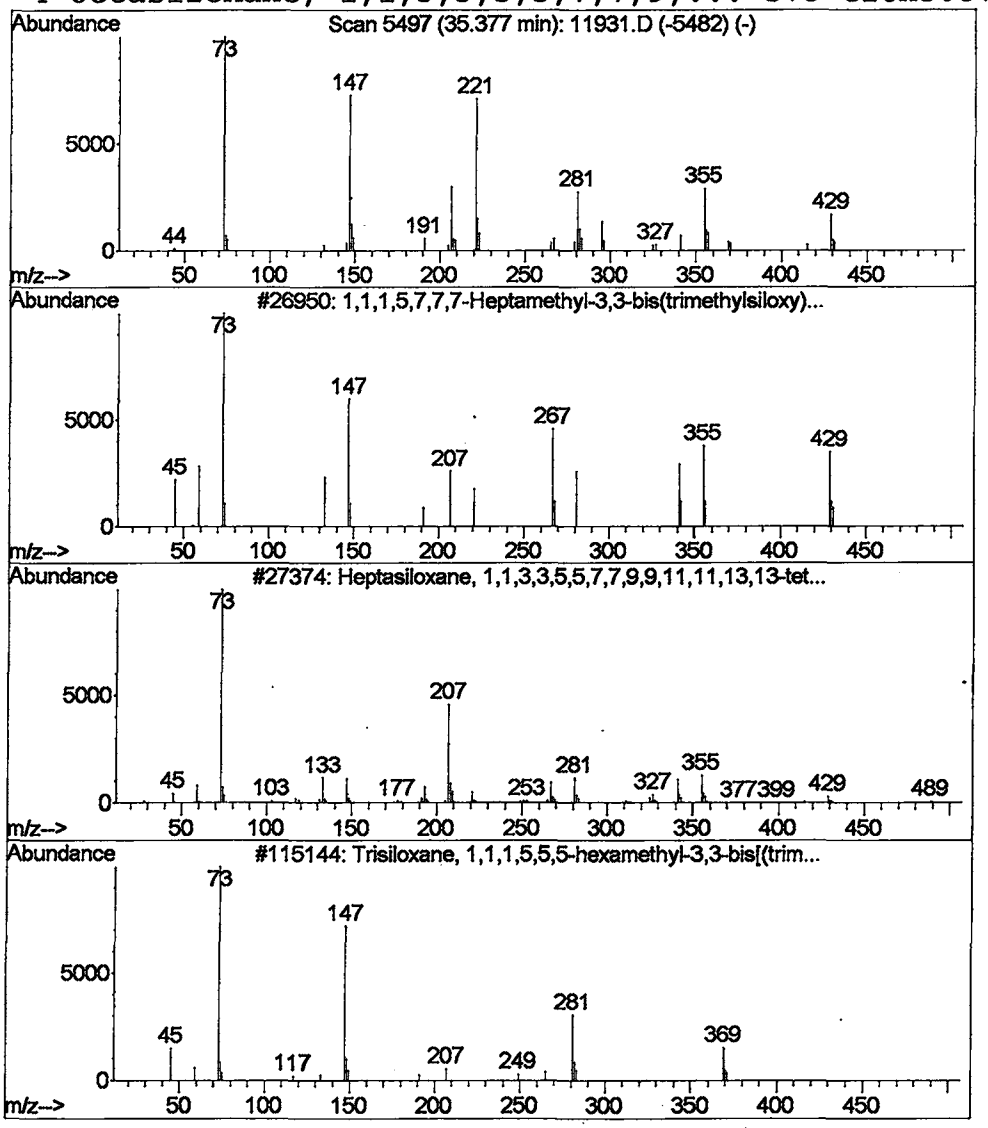
Library : C:\DATABASE\NIST98.L

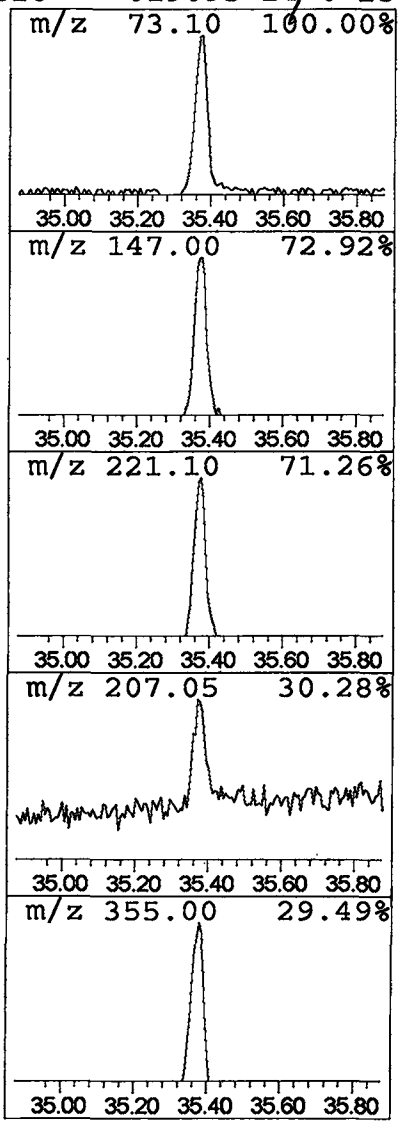
****

Peak Number 17 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.38	2.97 ug/L	745295	Perylene-d12	34.65

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	42
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	37
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
4	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	25





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Multiplr: 1.00

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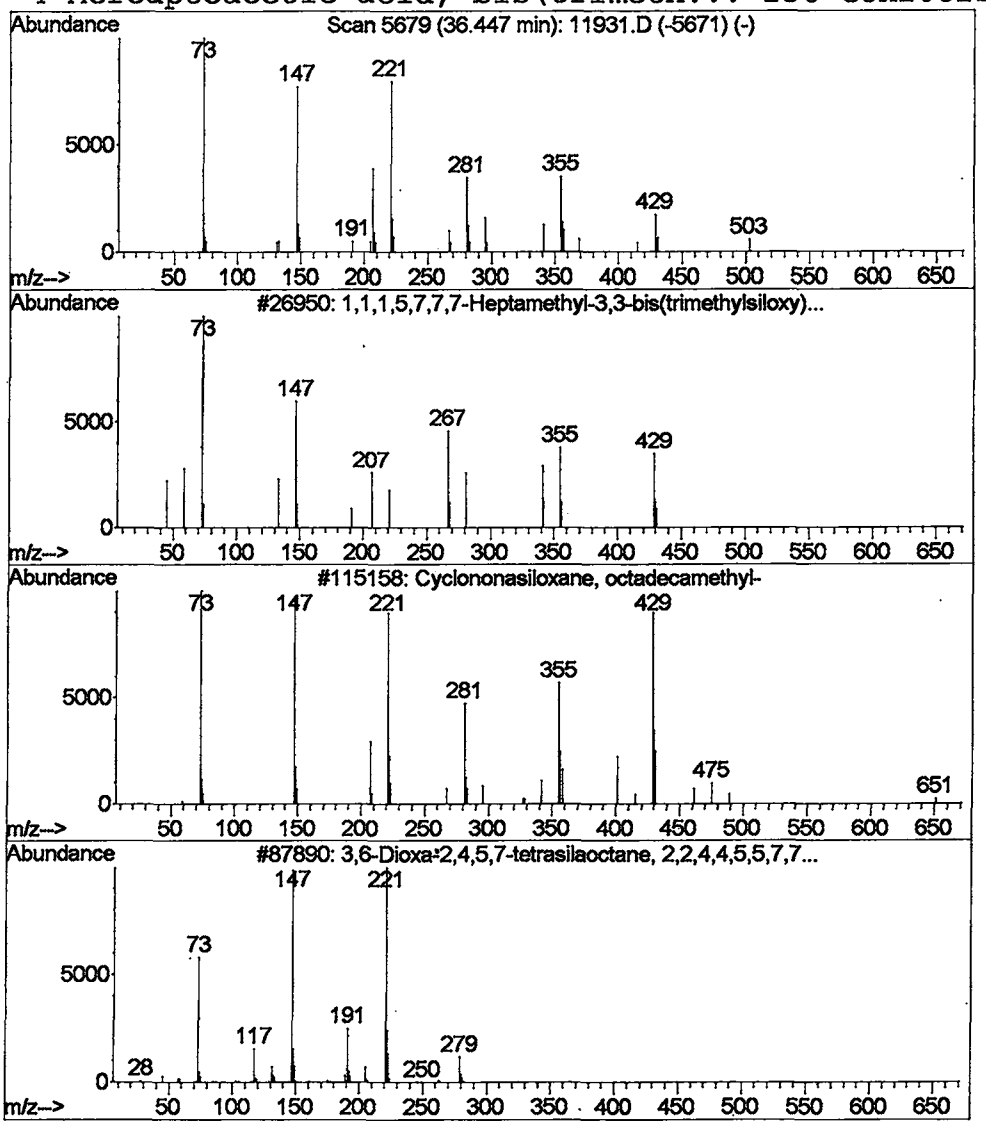
Library : C:\DATABASE\NIST98.L

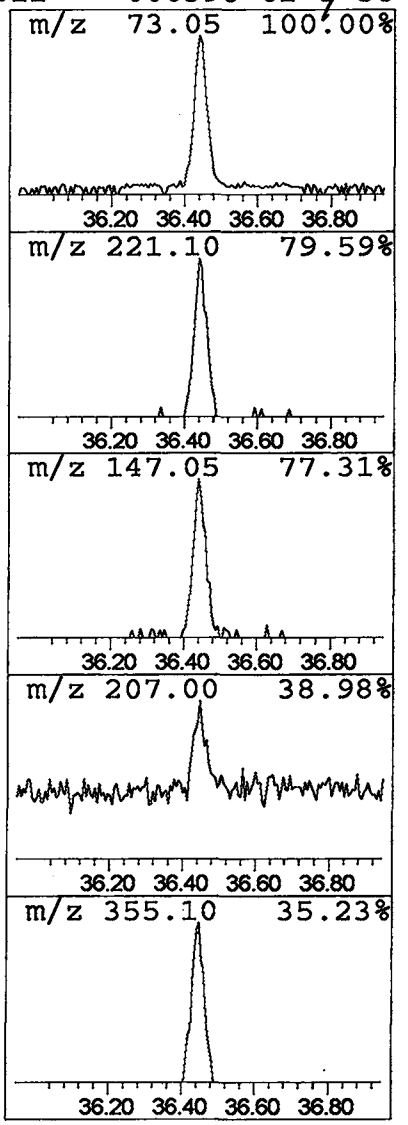
****

Peak Number 18 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	2.41 ug/L	602673	Perylene-d12	34.65

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	53
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	52
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	47
4	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11931.D
Acq On : 23 May 2002 6:07 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

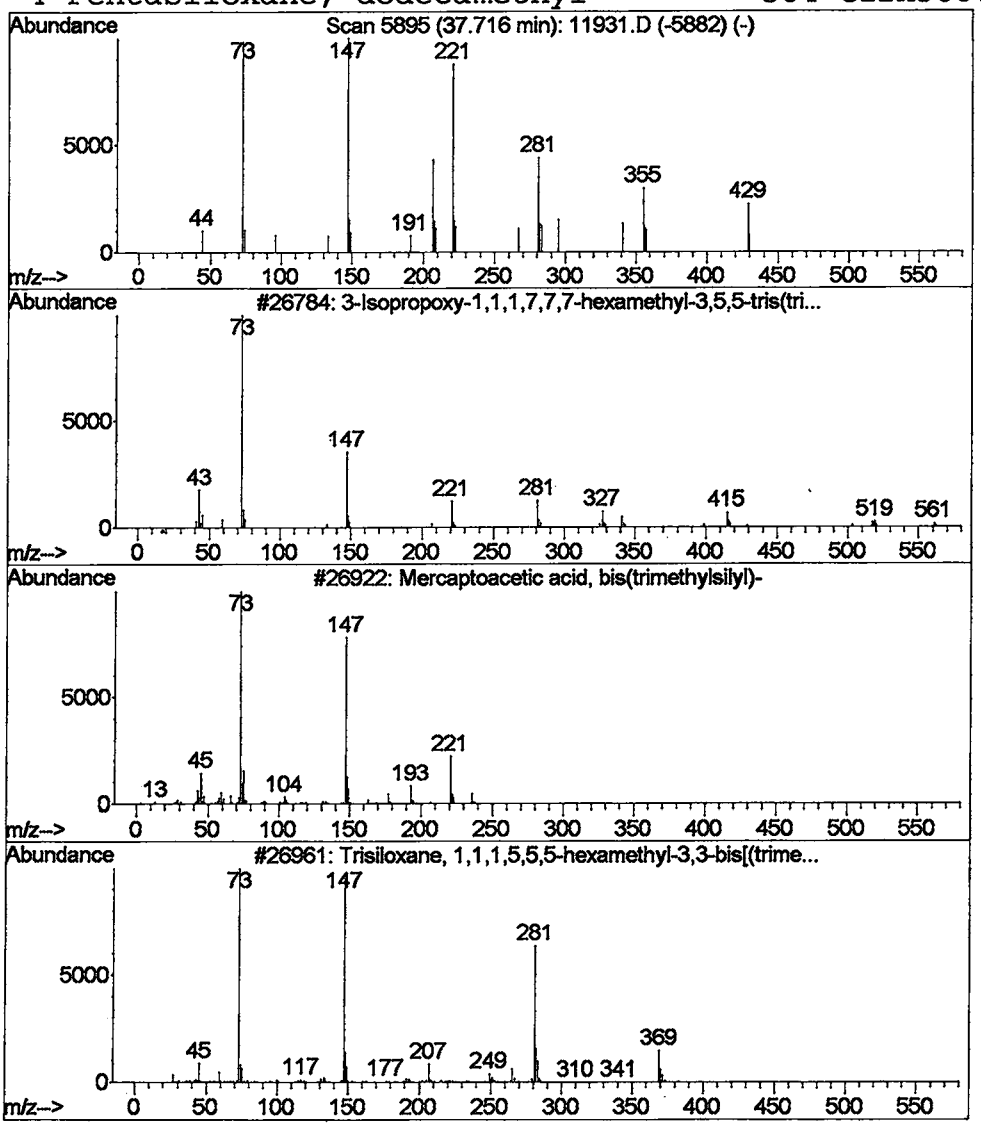
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

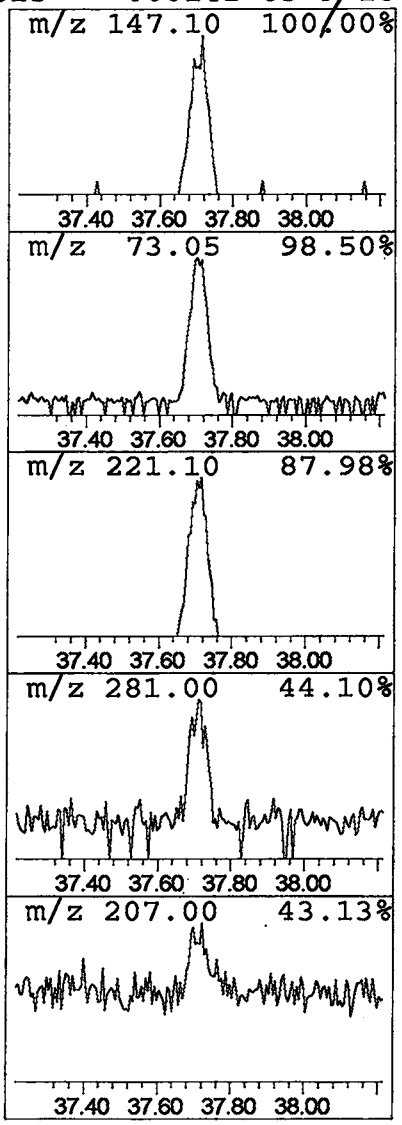
****

Peak Number 19 3-Isopropoxy-1,1,1,7,7,7-he... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.72	1.75 ug/L	439691	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	38
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	16
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	16





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11931.D
Acq On : 23 May 2002 6:07 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

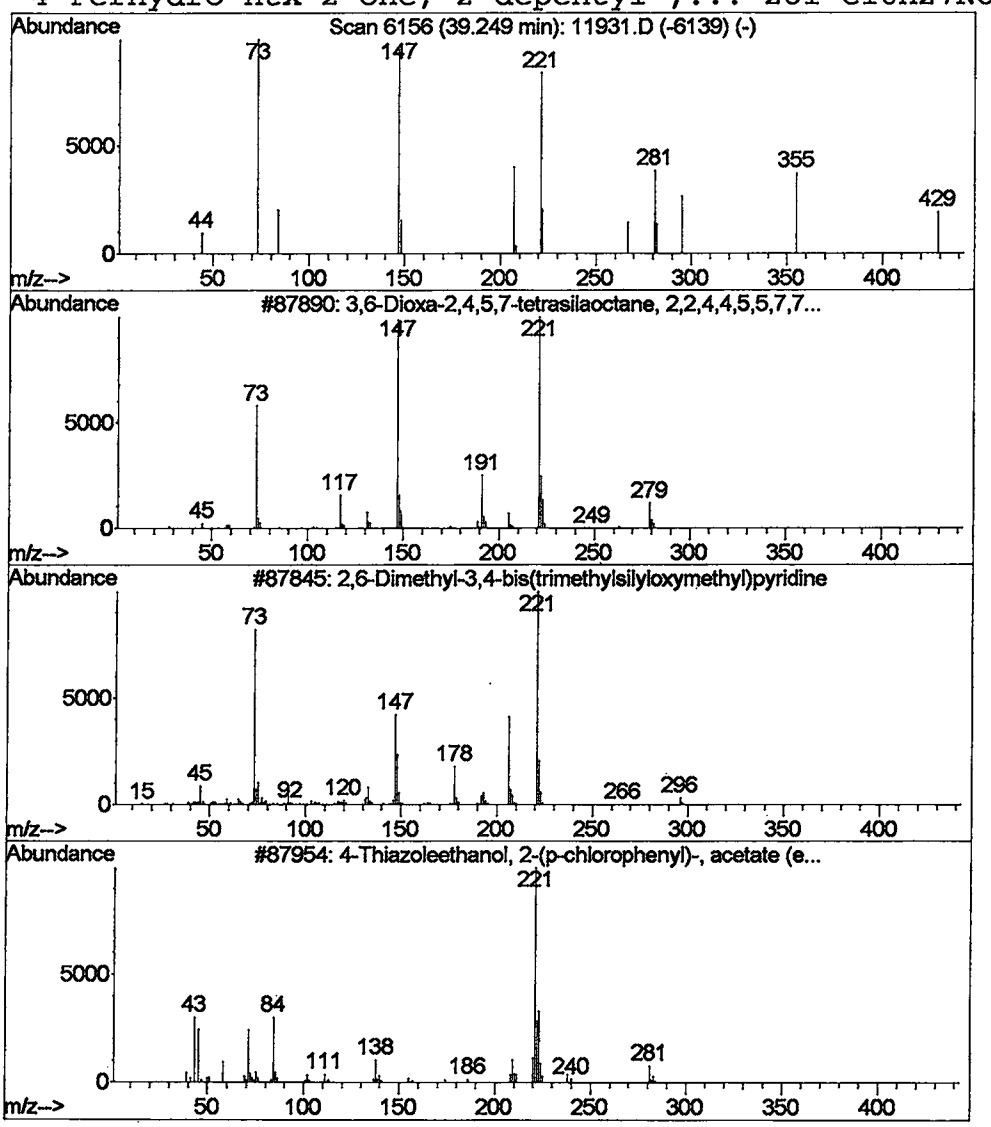
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

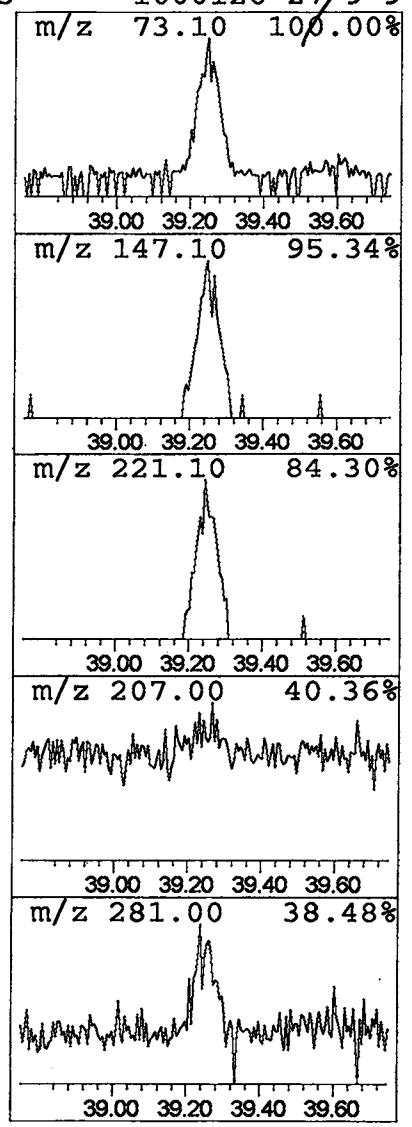
****

Peak Number 20 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.25	1.11 ug/L	278814	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
2	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	10
3	4-Thiazoleethanol, 2-(p-chloroph...	281	C13H12ClNO2S	027551-11-7	10
4	Perhydro-htx-2-one, 2-depentyl-,...	281	C16H27NO3	1000126-27-9	9





NYC-WTC_000013600

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 23 May 2002 6:07 pm
Data File: C:\MSDCHEM\1\DATA\052302\11931.D
Name: 5/22ad
Misc:
Method: C:\MSDCHEM\1\METHODS\052202.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
1H-Pyrazole, 1-me...	3.54	0.3	ug/L	166466	1	9.90	24153900	40.0
Methylene Chloride	3.72	9.0	ug/L	5420500	1	9.90	24153900	40.0
Methylene Chloride	3.87	5.2	ug/L	3127510	1	9.90	24153900	40.0
1-Buten-3-yne, 1-...	4.02	0.9	ug/L	544930	1	9.90	24153900	40.0
Crotonic acid	4.05	0.6	ug/L	346405	1	9.90	24153900	40.0
2,3,4,5-Tetrahydr...	4.06	1.0	ug/L	625749	1	9.90	24153900	40.0
Thiophene	4.10	1.3	ug/L	810784	1	9.90	24153900	40.0
Krypton	4.15	0.6	ug/L	381618	1	9.90	24153900	40.0
Methylene Chloride	4.17	1.1	ug/L	658302	1	9.90	24153900	40.0
Thiophene	4.26	1.5	ug/L	887651	1	9.90	24153900	40.0
3,5-Dimethylbenza...	5.36	0.5	ug/L	274748	1	9.90	24153900	40.0
2-Pentanone, 4-hy...	5.93	8.8	ug/L	5333530	1	9.90	24153900	40.0
Anthracene-d10-	23.07	0.3	ug/L	236997	4	22.91	36285200	40.0
1,1,1,5,7,7,7-Hep...	32.00	0.5	ug/L	233013	5	30.76	20682900	40.0
1,1,1,5,7,7,7-Hep...	33.20	1.9	ug/L	467990	6	34.65	10022200	40.0
Octasiloxane, 1,1...	34.32	2.6	ug/L	657604	6	34.65	10022200	40.0
1,1,1,5,7,7,7-Hep...	35.38	3.0	ug/L	745295	6	34.65	10022200	40.0
1,1,1,5,7,7,7-Hep...	36.45	2.4	ug/L	602673	6	34.65	10022200	40.0
3-Isopropoxy-1,1,...	37.72	1.8	ug/L	439691	6	34.65	10022200	40.0
3,6-Dioxa-2,4,5,7...	39.25	1.1	ug/L	278814	6	34.65	10022200	40.0

NYC-WTC_000013601

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 15:25:32

Sample: AE11931
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 15:25 Ended: 6/4/02 15:25 Analyst: DLV
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		10.0