User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/10/2002 Time: 11:34:52

Sample: AE12533
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/10/02 11:34 Ended: 6/10/02 11:34 Analyst: DLV
Page: 1

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

:omments for Sample AE12533 - Analysis $GCMS

Vestchester Dept. of Labs & Research
Jser: Vinci, David L
)ate: 06-10-2002 Time: 11:35:16

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

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\12533.D Vial: 24
Acq On : 30 May 2002 4:49 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 11:44:43 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 03 11:32:09 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	5252965	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	20842710	40.00	ug/L	-0.02
17) Acenapthalene-d10	18.53	164	11489869	40.00	ug/L	-0.01
29) Phenanthranene-d10	22.91	188	17433746	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	10190403	40.00	ug/L	-0.05
43) Perylene-d12	34.66	264	5229056	40.00	ug/L	-0.03
System Monitoring Compounds						
27) TCMX	20.50	209	2299031	33.17	ug/L	-0.01
Spiked Amount 40.000			Recovery = 82.93%			
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	20.51	204	13813	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	20.50	77	39191	N.D.		
30) Nnitrosodiphenylamine	20.51	169	42790	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	25.05	149	239566	0.46	ug/L	99

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

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\12533.D Vial: 24
Acq On : 30 May 2002 4:49 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 11:44:43 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 03 11:32:09 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	24613	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

NYC-WTC_000014555

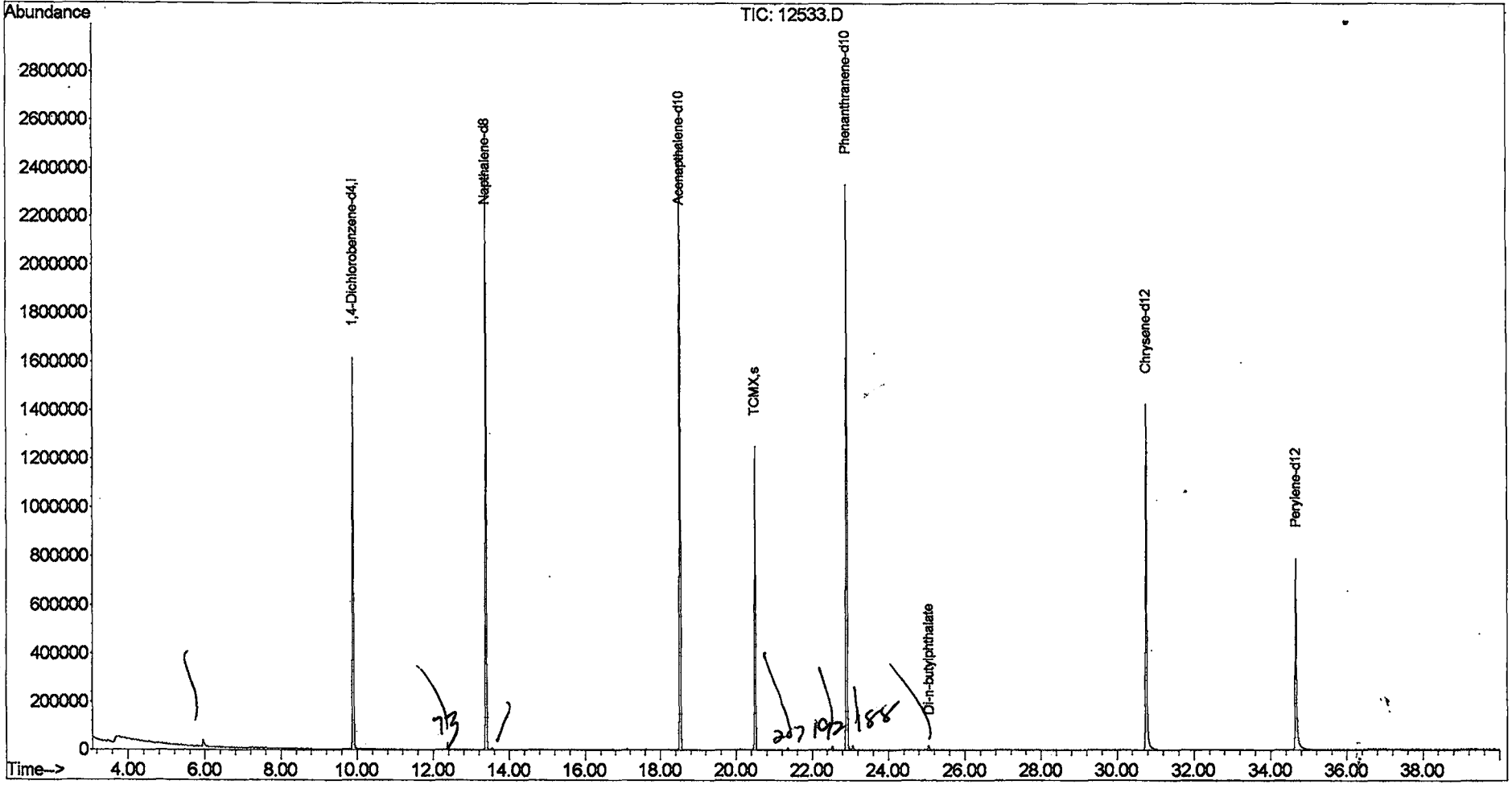
NYC-WTC_000014556

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\12533.D Vial: 24
Acq On : 30 May 2002 4:49 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 3 11:44 2002 Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 03 11:32:09 2002
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052902\12533.D Vial: 24
Acq On : 30 May 2002 4:49 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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	3.479	64	68	92	PV 7	8000	279040	0.59%	0.110%
2	3.720	92	109	111	PV 3	25074	1001616	2.11%	0.396%
3	3.761	111	116	119	VV 4	25887	731865	1.54%	0.289%
4	3.790	119	121	123	VV 3	24047	276940	0.58%	0.109%
5	3.814	123	125	129	VV 5	23647	538727	1.13%	0.213%
6	3.849	129	131	138	VV 5	23242	651852	1.37%	0.258%
7	3.908	138	141	145	VV 4	21283	539154	1.13%	0.213%
8	3.949	145	148	153	VV 4	19890	498691	1.05%	0.197%
9	3.990	153	155	169	VV 9	19412	997751	2.10%	0.394%
10	4.125	174	178	186	VV 9	16240	648654	1.36%	0.256%
11	4.295	205	207	212	VV 4	12718	292938	0.62%	0.116%
12	4.337	212	214	218	VV 5	12626	199715	0.42%	0.079%
13	4.536	240	248	257	VV 9	12586	575664	1.21%	0.228%
14	5.100	342	344	346	VV 2	3656	37221	0.08%	0.015%
15	5.371	385	390	397	VV 8	3885	92675	0.19%	0.037%
16	5.911	479	482	484	PV 3	1757	15769	0.03%	0.006%
17	5.946	484	488	503	VV	26379	694686	1.46%	0.275%
18	9.895	1147	1160	1182	PV	1585614	31560031	66.37%	12.477%
19	12.374	1571	1582	1592	PV	28333	451320	0.95%	0.178%
20	13.391	1744	1755	1771	PV	2345029	42627655	89.65%	16.853%
21	13.544	1775	1781	1790	VV	7099	128682	0.27%	0.051%
22	15.653	2130	2140	2145	VV 3	1701	32668	0.07%	0.013%
23	16.705	2310	2319	2322	PV 3	3849	59586	0.13%	0.024%
24	16.734	2322	2324	2332	VV 4	2459	44998	0.09%	0.018%
25	17.110	2383	2388	2394	VV 4	6179	94062	0.20%	0.037%
26	17.621	2466	2475	2480	VV 3	2838	47212	0.10%	0.019%
27	18.526	2615	2629	2658	PV	2454638	47037479	98.92%	18.596%
28	20.101	2893	2897	2904	VV 3	3888	67733	0.14%	0.027%
29	20.506	2954	2966	2975	PV	1228024	22959410	48.28%	9.077%
30	21.352	3096	3110	3117	PV 2	9602	163798	0.34%	0.065%
31	22.533	3305	3311	3319	VV 3	16934	316769	0.67%	0.125%
32	22.909	3365	3375	3395	PV 2	2300611	47551049	100.00%	18.799%
33	23.068	3395	3402	3418	VV	19765	395898	0.83%	0.157%
34	25.048	3729	3739	3758	VV	19059	390179	0.82%	0.154%
35	30.759	4699	4711	4750	PV 2	1413020	31561940	66.37%	12.478%
36	30.994	4750	4751	4753	VV 2	3660	31886	0.07%	0.013%
37	31.018	4753	4755	4760	VV 4	3396	68207	0.14%	0.027%

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38	31.335	4803	4809	4813	PV	4	1777	21933	0.05%	0.009%
39	34.655	5362	5374	5406	PV		778213	19081950	40.13%	7.544%
40	34.848	5406	5407	5410	VV	2	5734	56654	0.12%	0.022%
41	34.872	5410	5411	5416	VV	5	4037	72081	0.15%	0.028%
42	34.913	5416	5418	5427	VB	7	2491	44339	0.09%	0.018%

Sum of corrected areas: 252940480

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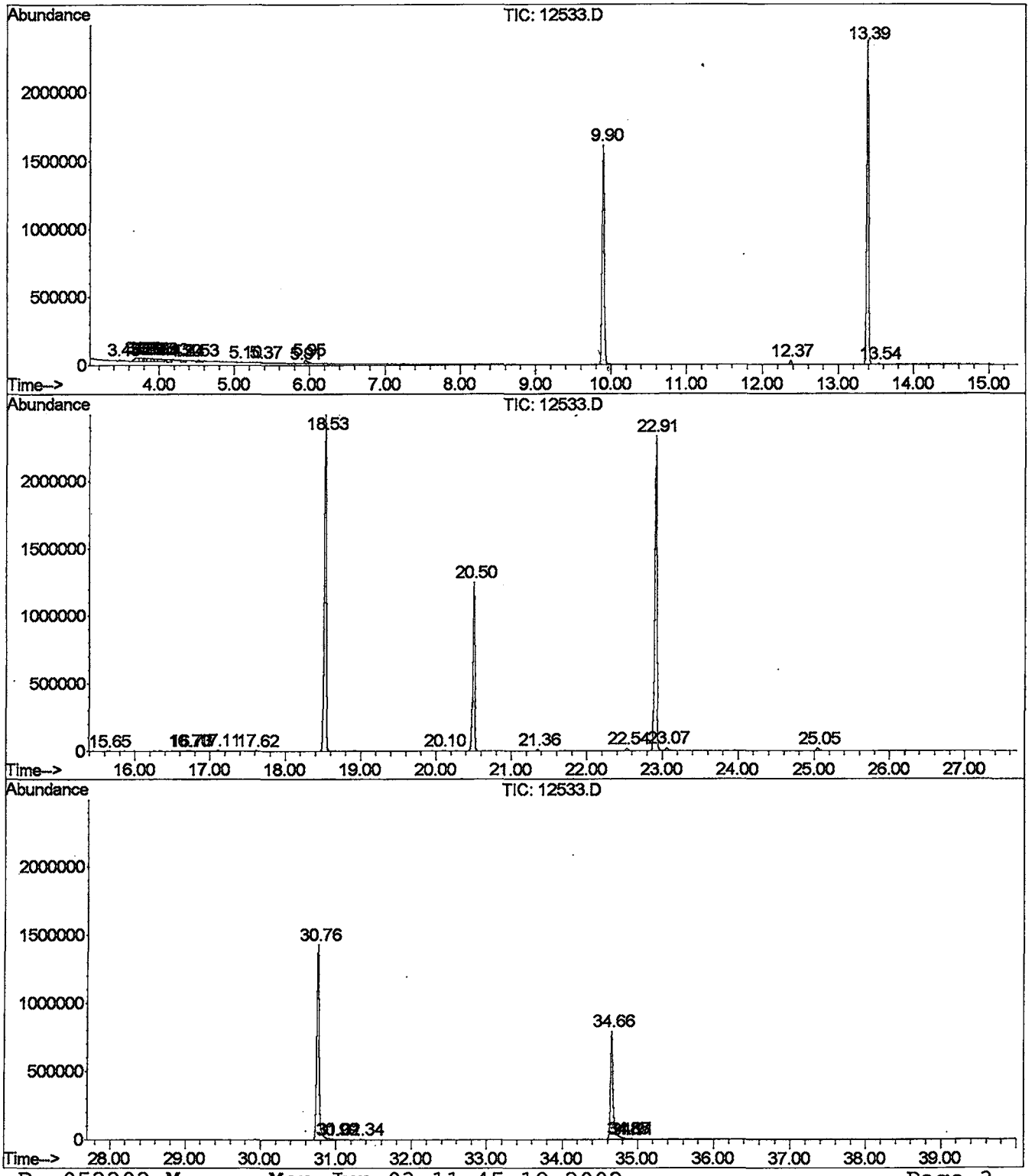
LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052902\12533.D
Operator : McLean
Acquired : 30 May 2002 4:49 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: gc/ms scan 5/28
Misc Info :
Vial Number: 24
Quant File :052202.RES (Chemstation Integrator)



NYC-WTC_000014559

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12533.D
Acq On : 30 May 2002 4:49 am
Sample : gc/ms scan 5/28
Misc :
MS Integration Params: LSCINT.e

Vial: 24
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

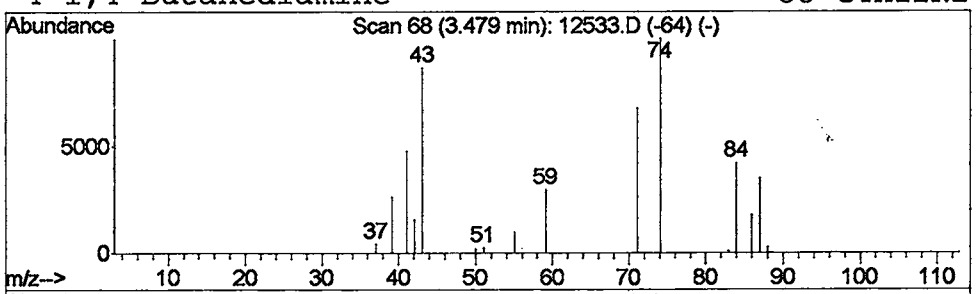
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

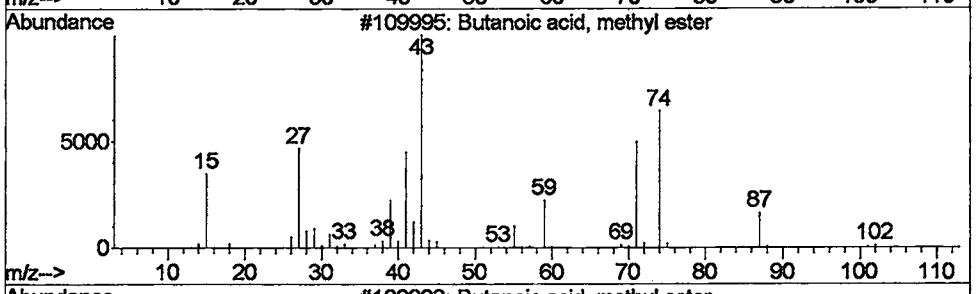
****

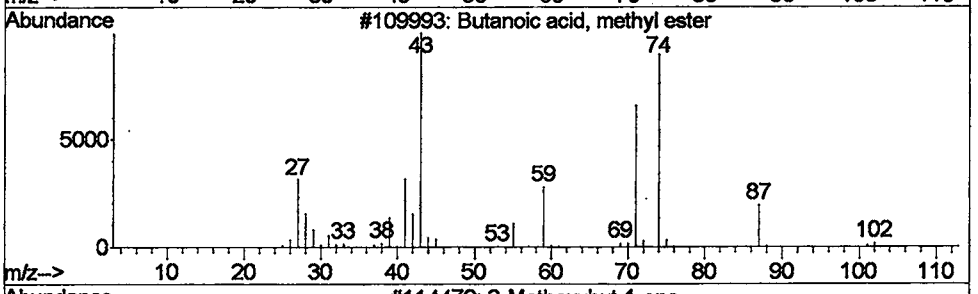
Peak Number 1 Butanoic acid, methyl ester Concentration Rank 13

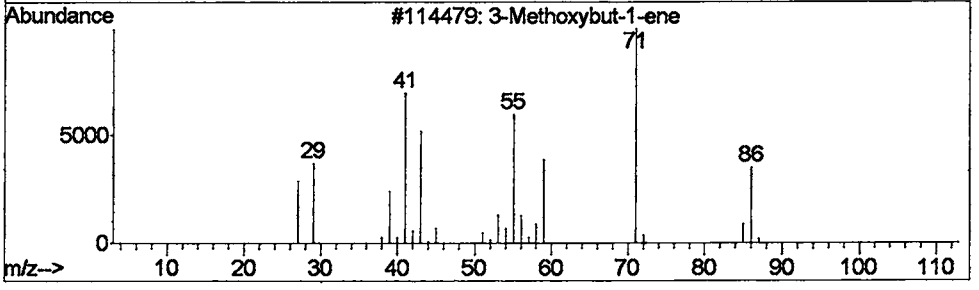
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	0.35 ug/L	279040	1,4-Dichlorobenzene-d4	9.90

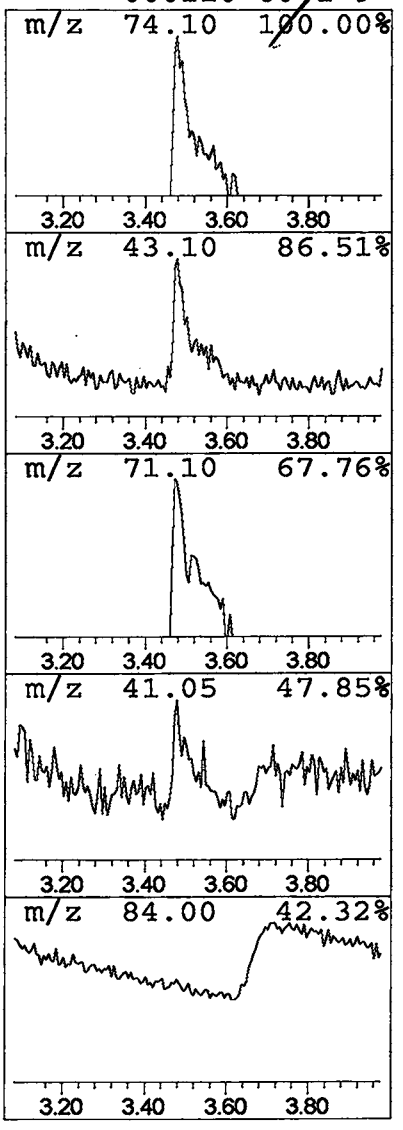
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	59
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	42
3	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	9
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	9











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Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12533.D Vial: 24
Acq On : 30 May 2002 4:49 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

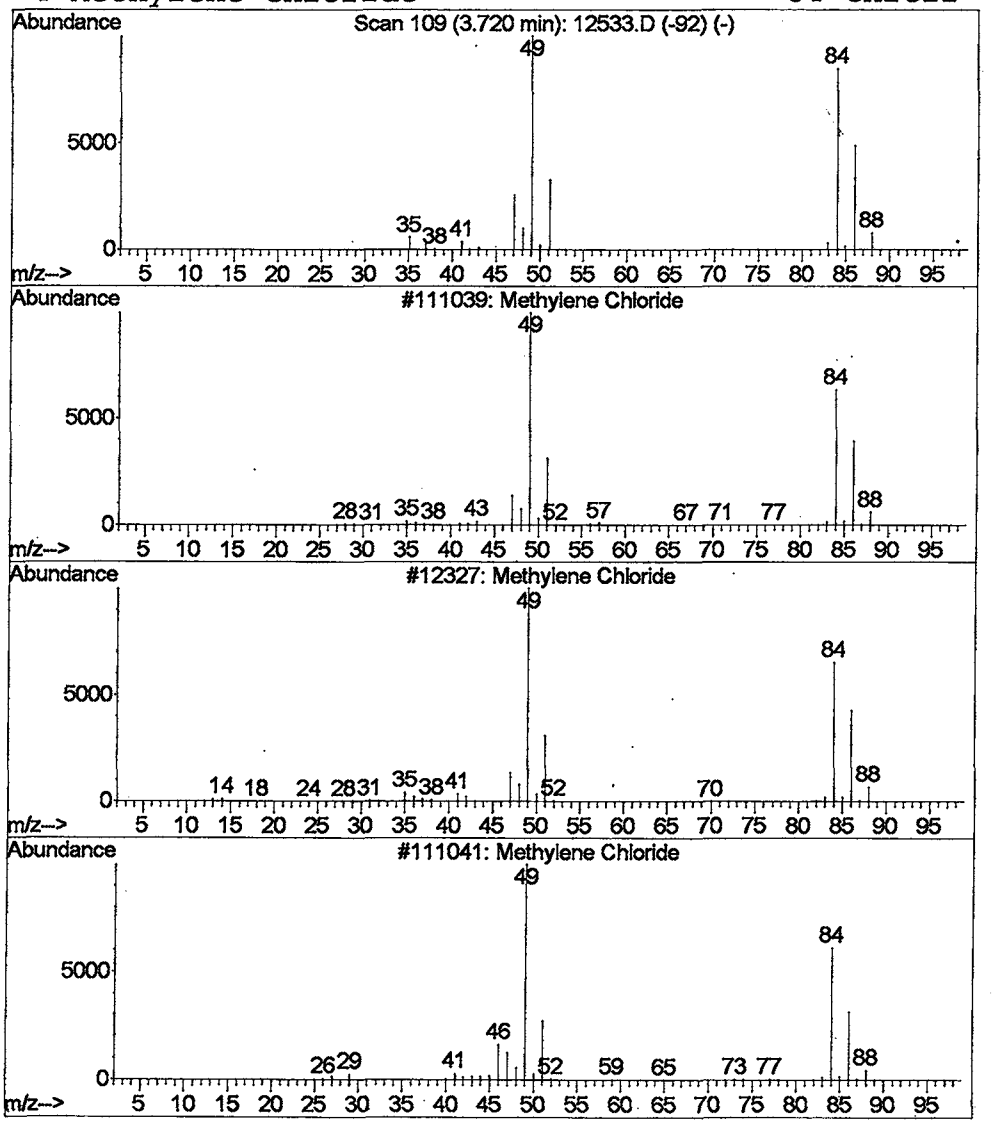
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

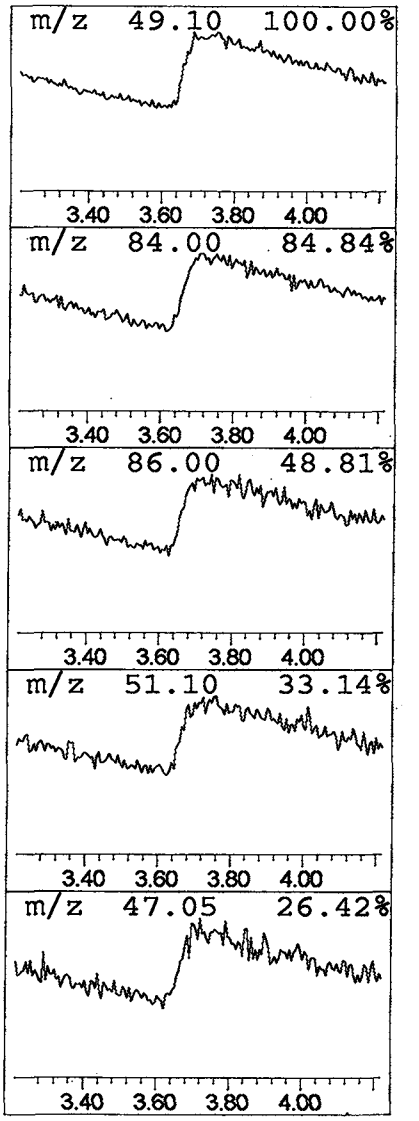
****

Peak Number 2 Methylene Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	1.27 ug/L	1001620	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	91
2	Methylene Chloride	84	CH2Cl2	000075-09-2	91
3	Methylene Chloride	84	CH2Cl2	000075-09-2	86
4	Methylene Chloride	84	CH2Cl2	000075-09-2	43





NYC-WTC_000014561

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12533.D Vial: 24
Acq On : 30 May 2002 4:49 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

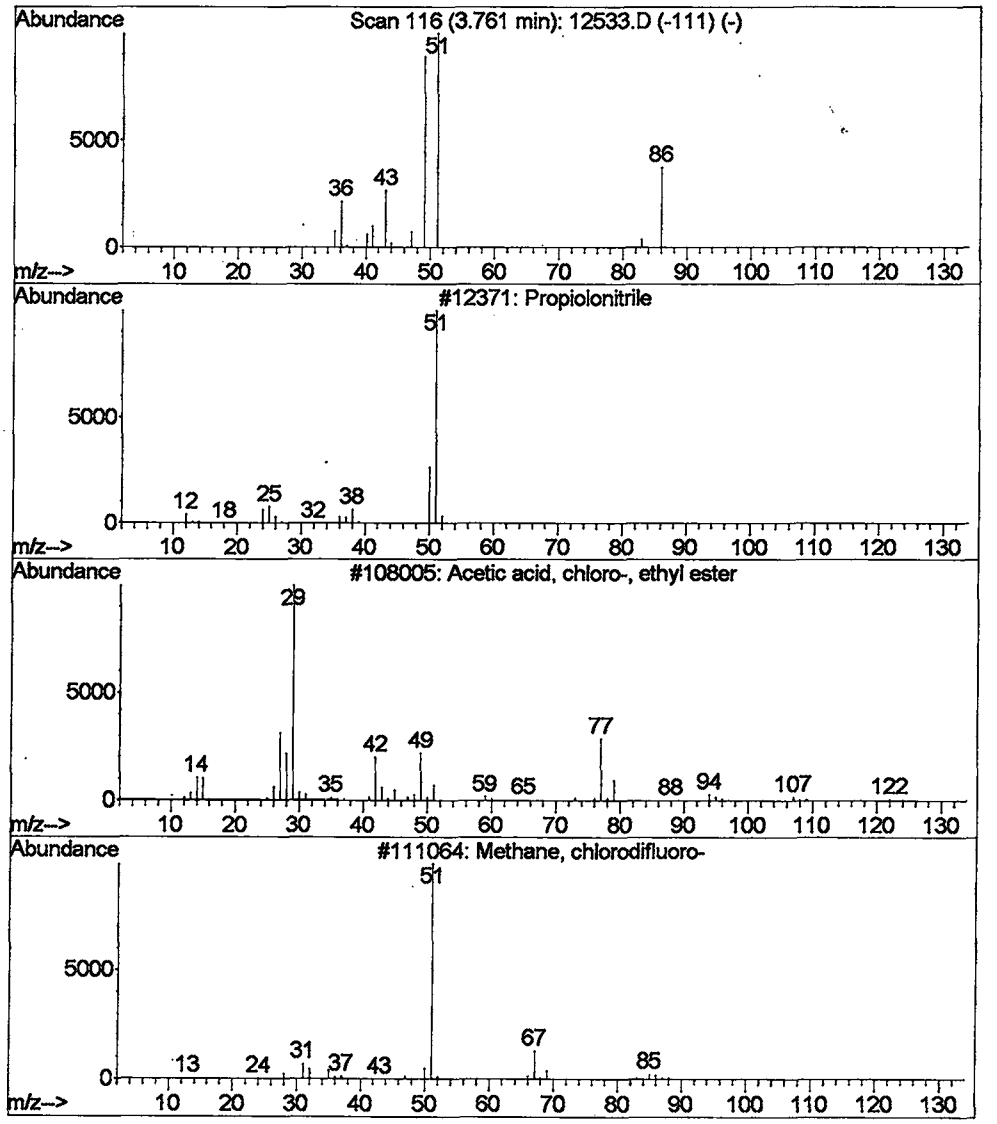
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

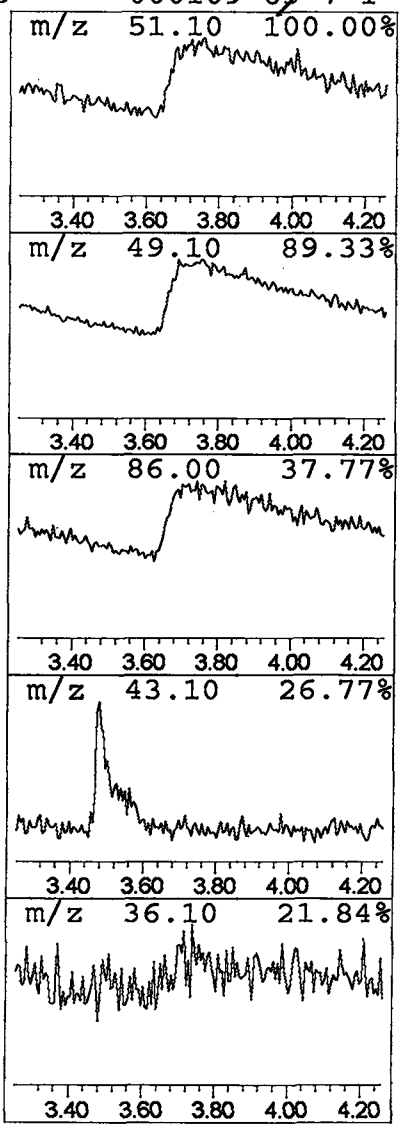
****

Peak Number 3 Propiolonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.93 ug/L	731865	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiolonitrile	51	C3HN	001070-71-9	3
2	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
3	Methane, chlorodifluoro-	86	CHClF2	000075-45-6	2
4	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	1





NYC-WTC_000014562

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12533.D Vial: 24
Acq On : 30 May 2002 4:49 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

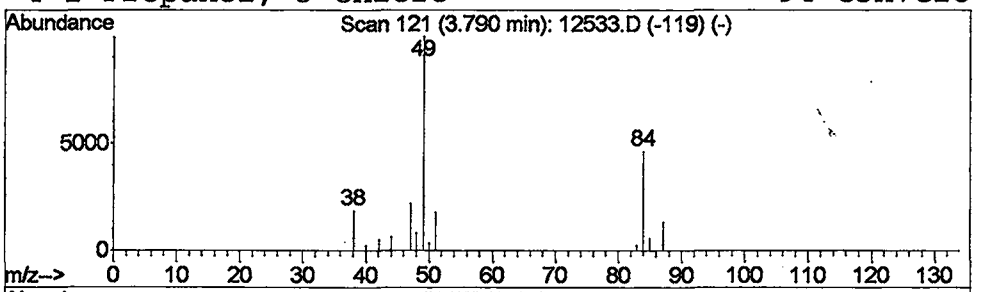
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

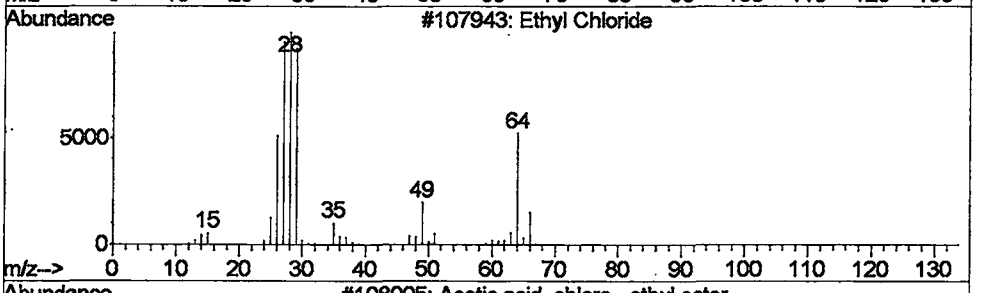
****

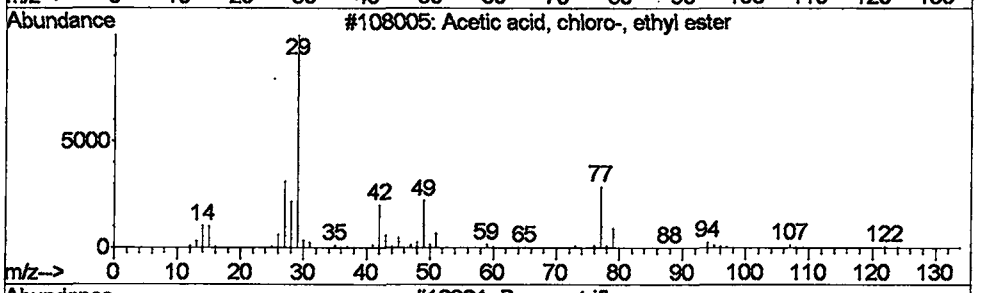
Peak Number 4 Ethyl Chloride Concentration Rank 14

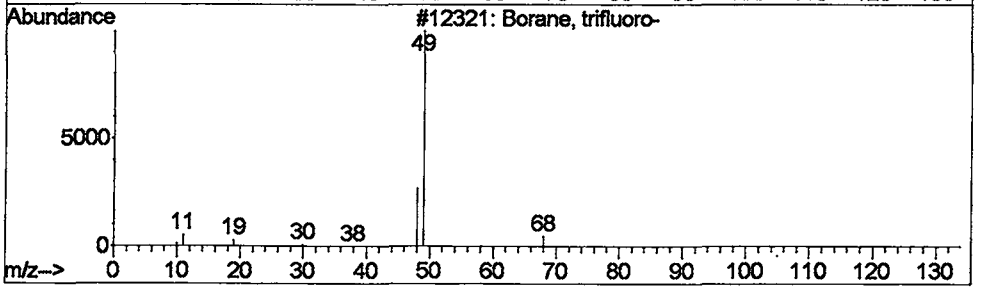
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	0.35 ug/L	276940	1,4-Dichlorobenzene-d4	9.90

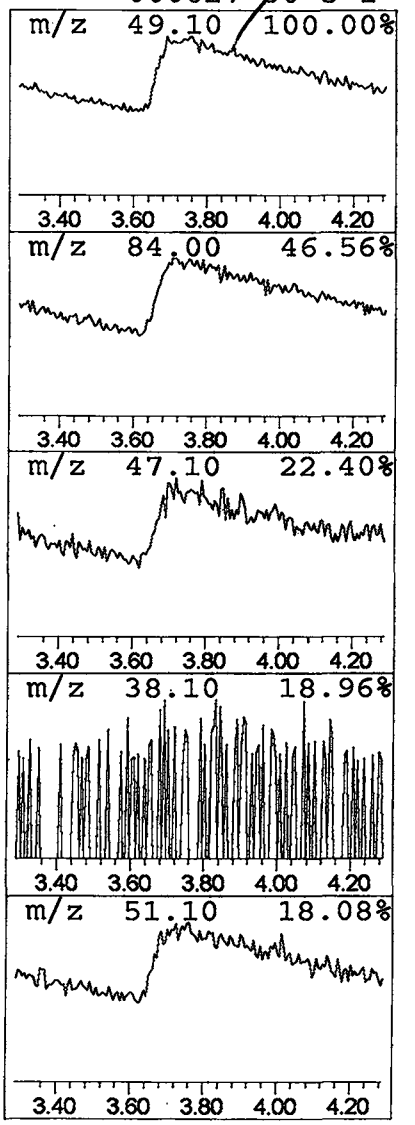
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	2
2	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
3	Borane, trifluoro-	68	BF3	007637-07-2	1
4	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	1











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Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12533.D Vial: 24
Acq On : 30 May 2002 4:49 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

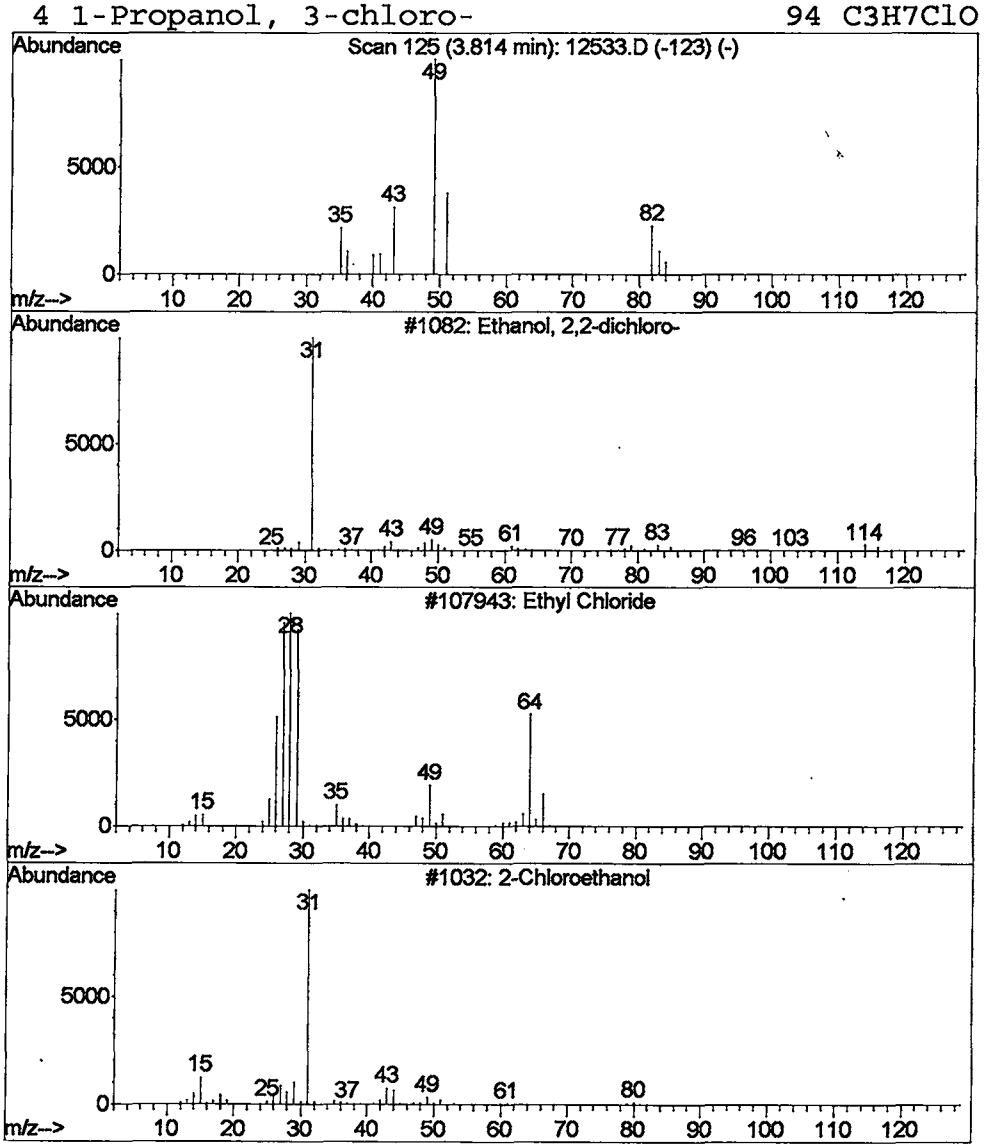
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

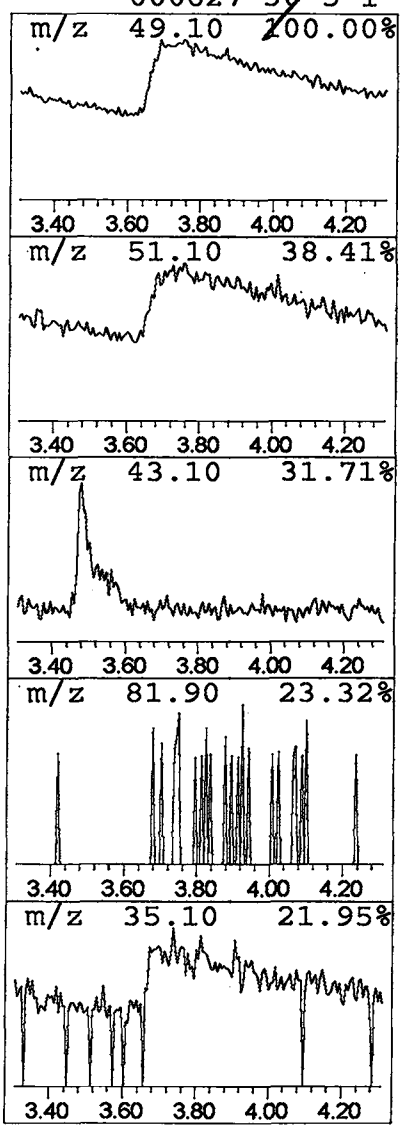
****

Peak Number 5 Ethanol, 2,2-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	0.68 ug/L	538727	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	1
4	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	1





NYC-WTC_000014564

NYC 9/11 Public Portal Document

Library Search Compound Report

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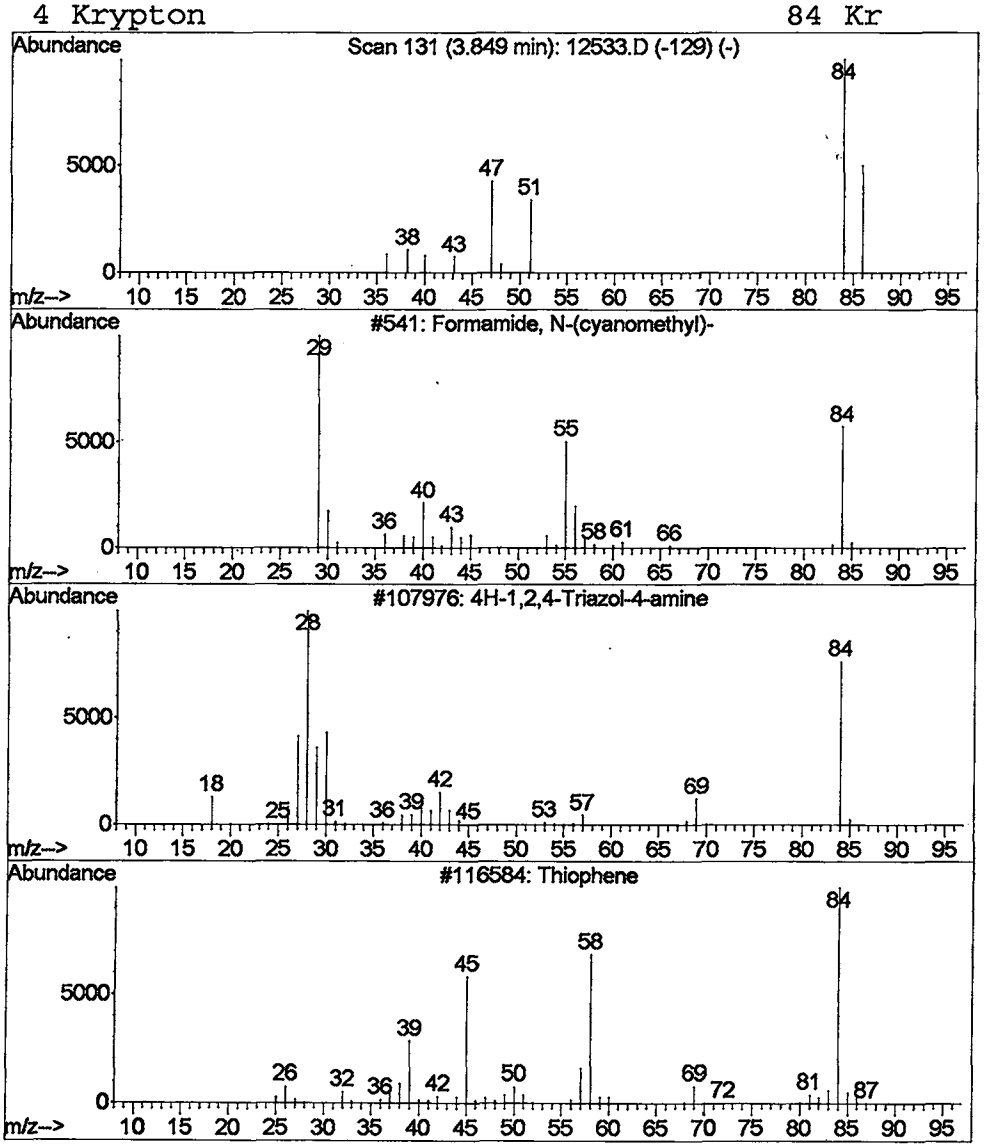
Library : C:\DATABASE\NIST98.L

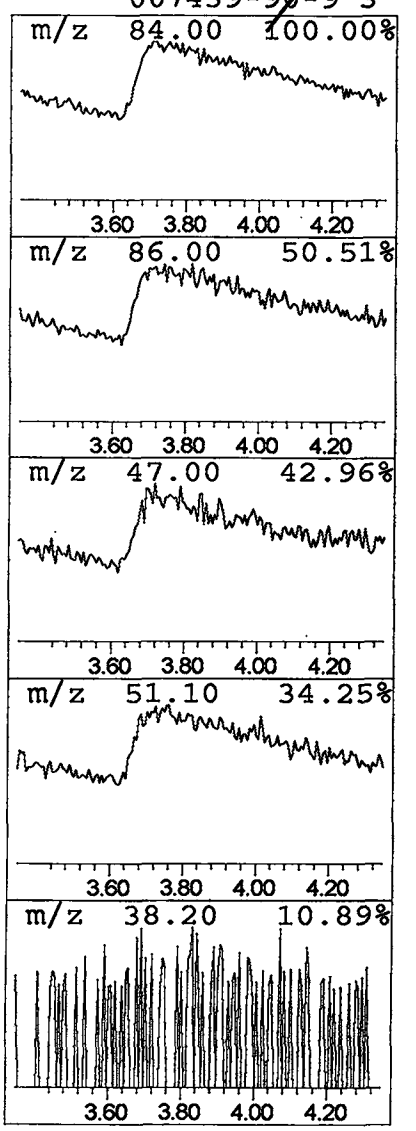
****

Peak Number 6 Formamide, N-(cyanomethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	0.83 ug/L	651852	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	5
2	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	5
3	Thiophene	84	C4H4S	000110-02-1	4
4	Krypton	84	Kr	007439-90-9	3





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Library : C:\DATABASE\NIST98.L

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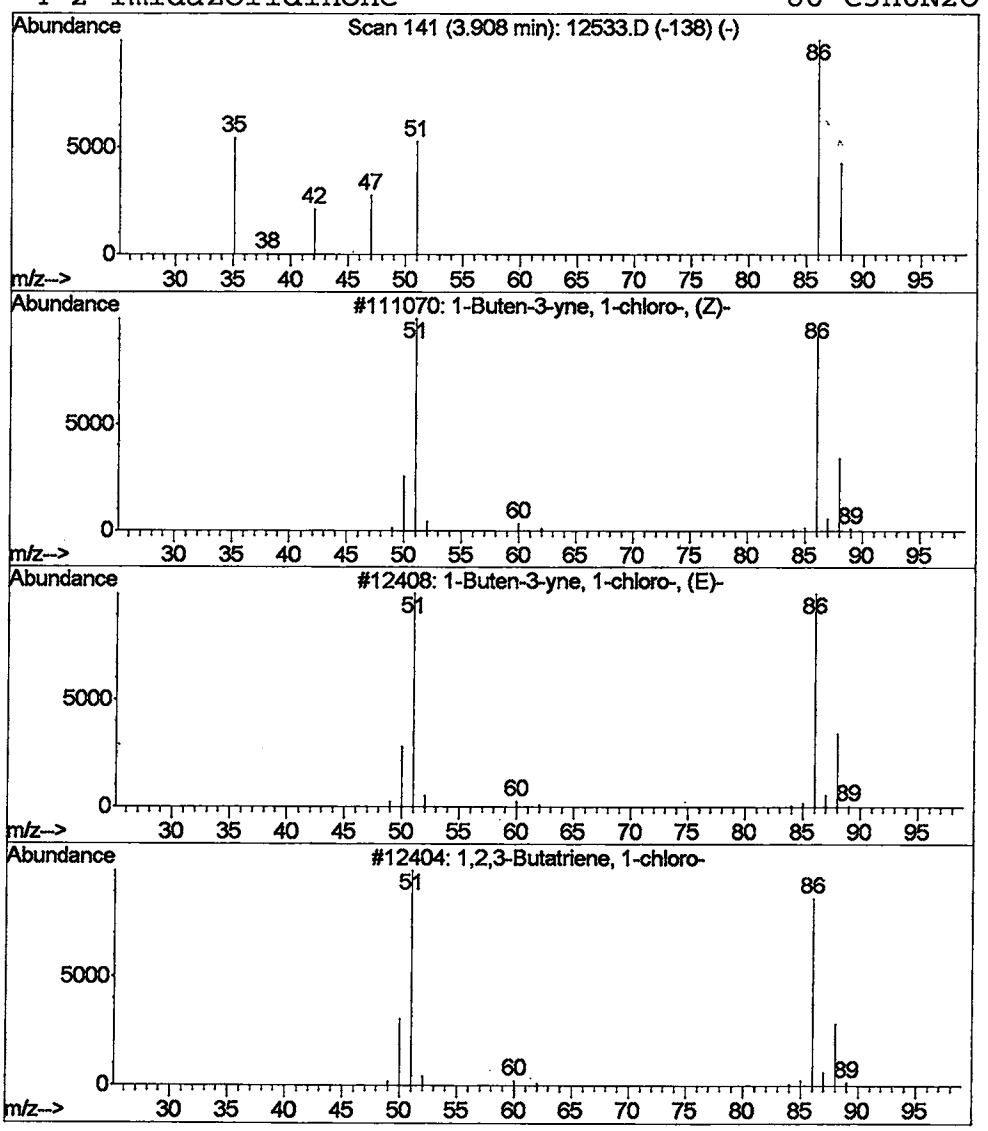
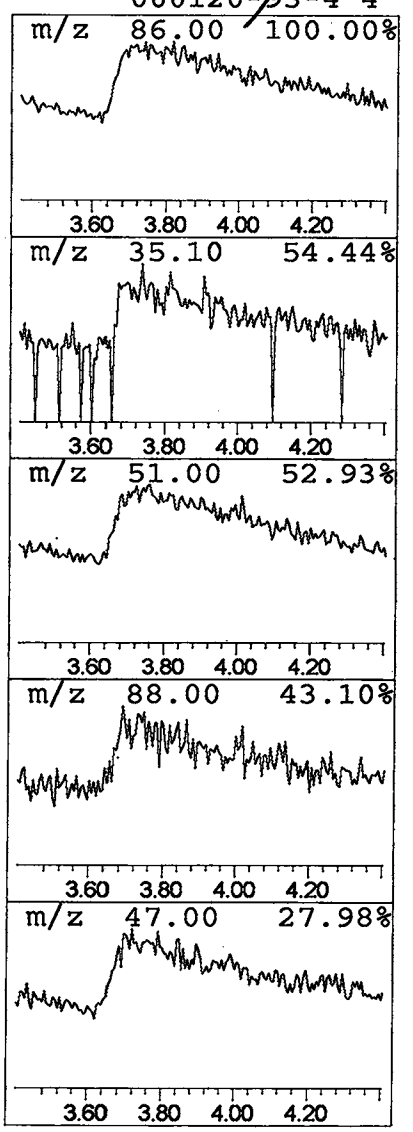
Peak Number 7 1-Buten-3-yne, 1-chloro-, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	0.68 ug/L	539154	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	5
2	1-Buten-3-yne, 1-chloro-, (E)-	86	C4H3Cl	020374-91-8	5
3	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	5
4	2-Imidazolidinone	86	C3H6N2O	000120-93-4	4





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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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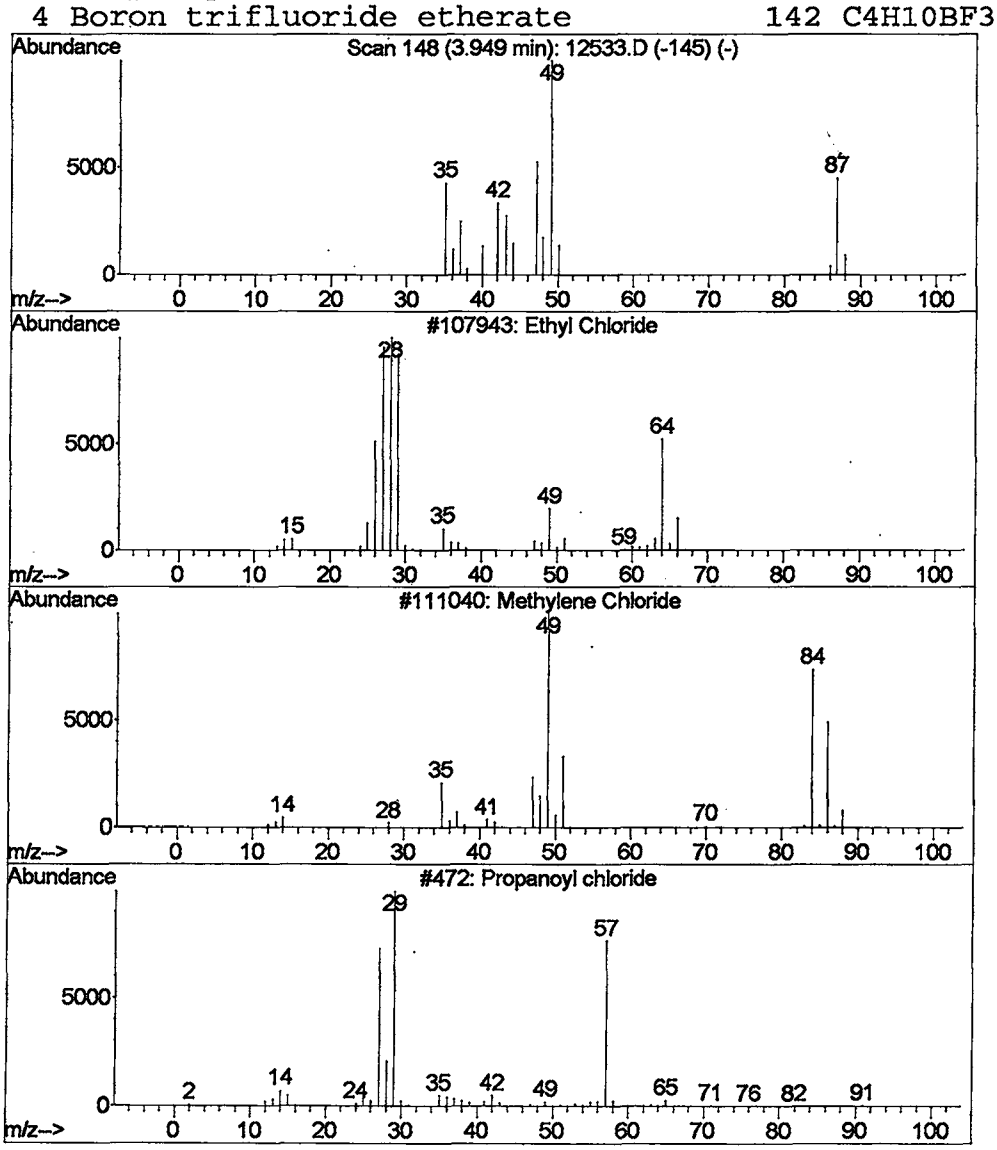
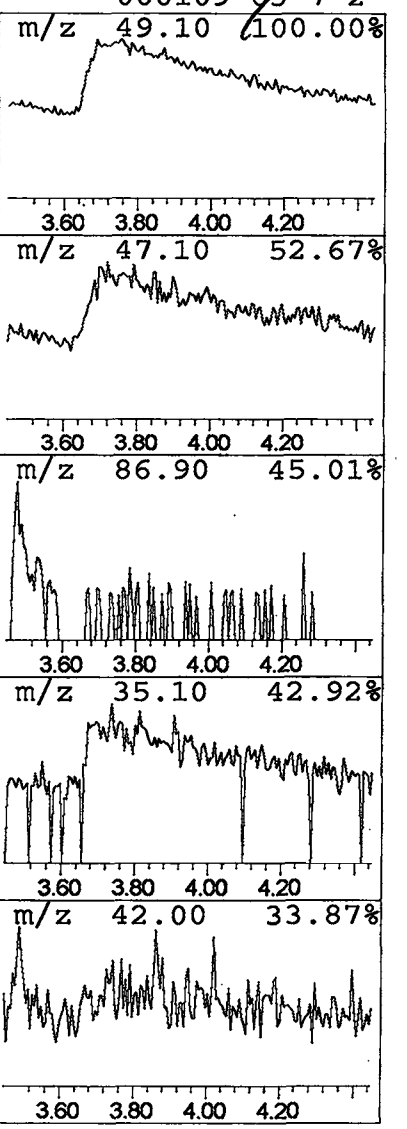
Peak Number 8 Ethyl Chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	0.63 ug/L	498691	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	9
2	Methylene Chloride	84	CH2Cl2	000075-09-2	4
3	Propanoyl chloride	92	C3H5ClO	000079-03-8	2
4	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2





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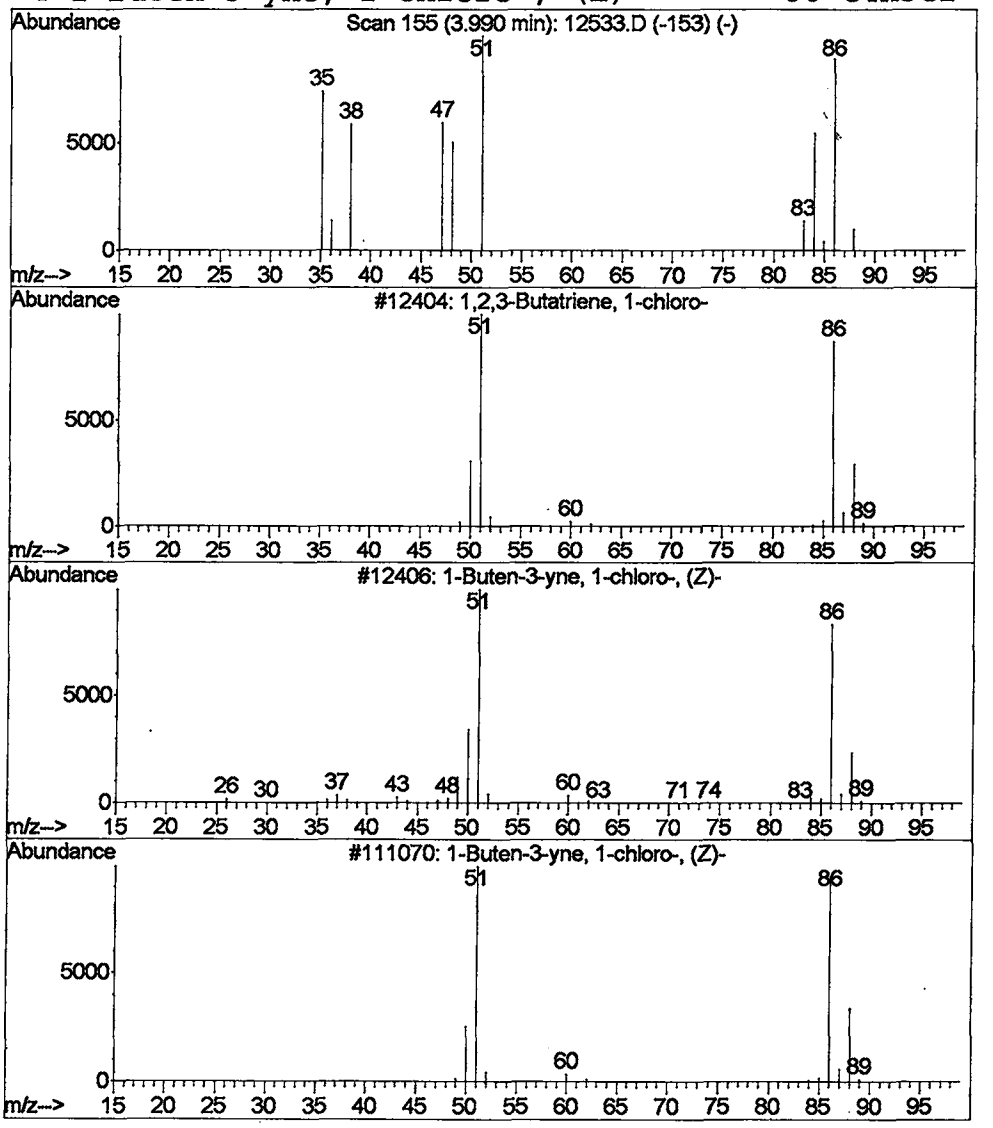
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

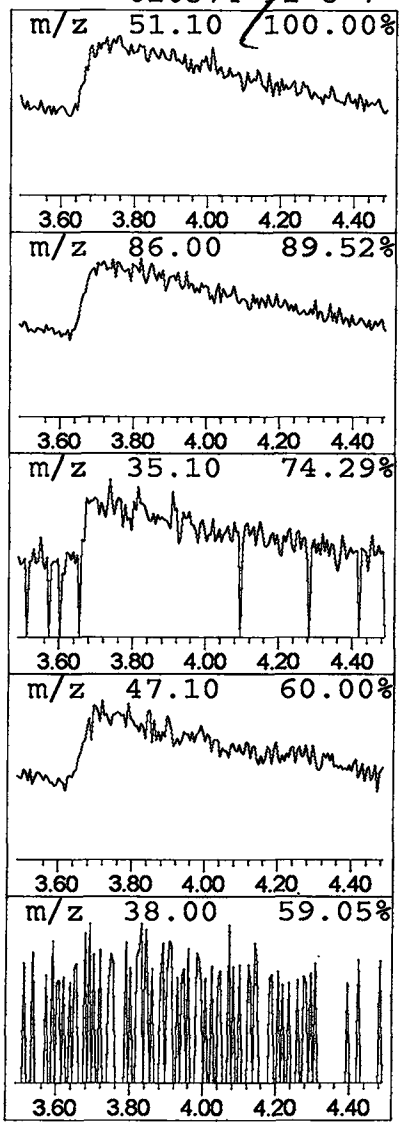
****

Peak Number 9 1,2,3-Butatriene, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	1.26 ug/L	997751	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	9
2	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	9
3	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	7
4	1-Buten-3-yne, 1-chloro-, (E)-	86	C4H3Cl	020374-91-8	7





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NYC 9/11 Public Portal Document

Library Search Compound Report

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

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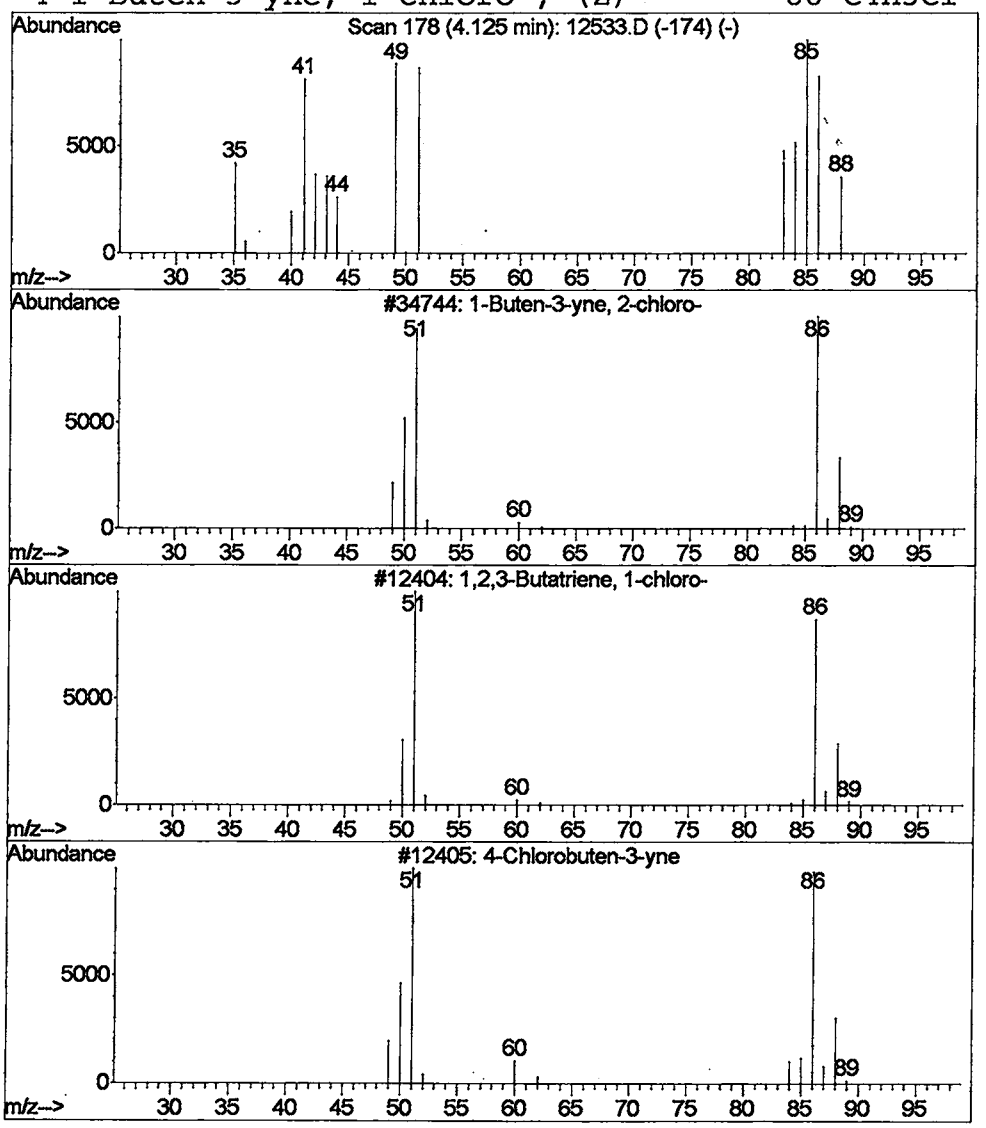
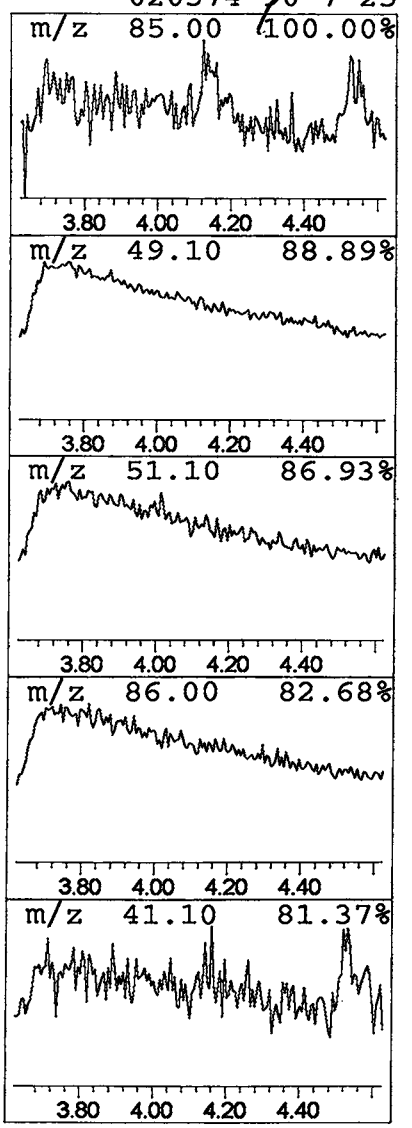
Peak Number 10 1-Buten-3-yne, 2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	0.82 ug/L	648654	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	43
2	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	35
3	4-Chlorobuten-3-yne	86	C4H3Cl	040589-38-6	32
4	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	25





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NYC 9/11 Public Portal Document

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

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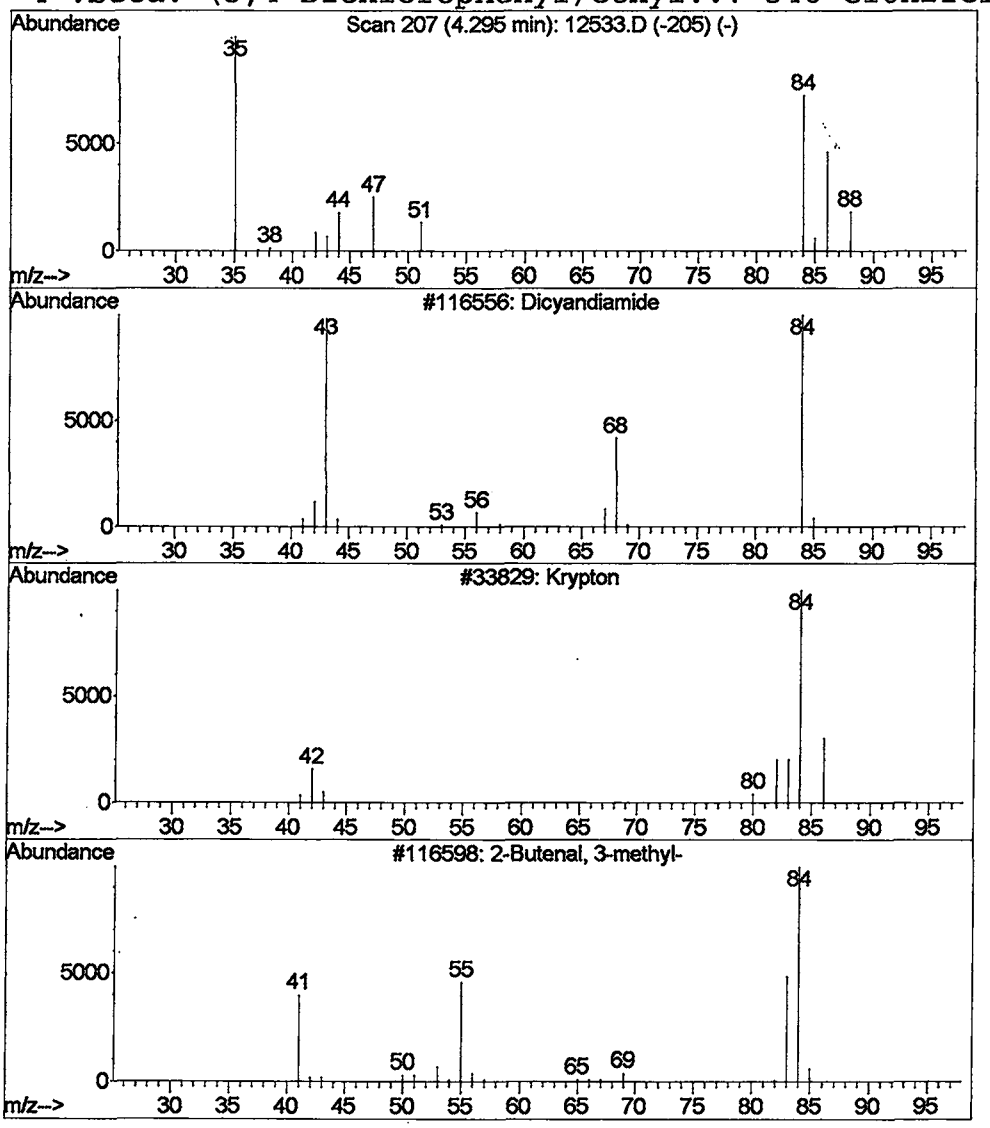
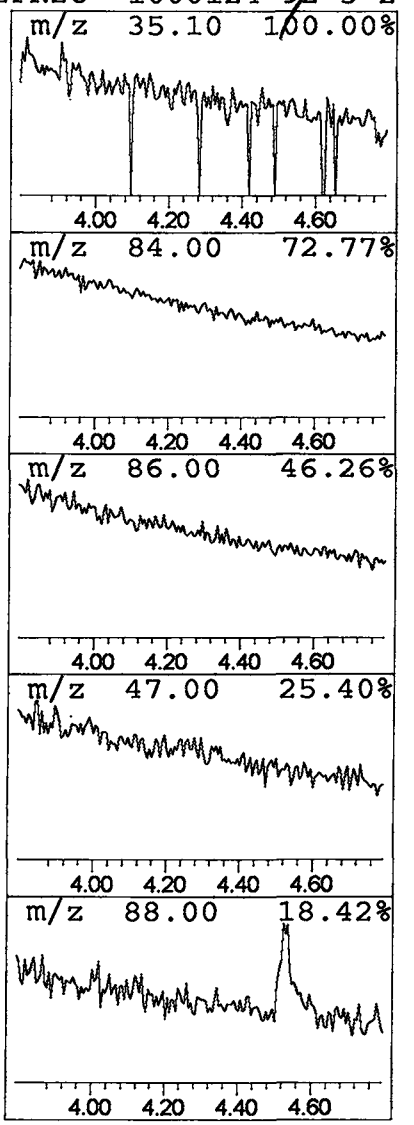
Peak Number 11 Dicyandiamide — Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	0.37 ug/L	292938	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyandiamide	84	C2H4N4	000461-58-5	7
2	Krypton	84	Kr	007439-90-9	4
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4
4	.beta.-(3,4-Dichlorophenyl)ethyl...	346	C16H21Cl2FN2O	1000124-92-3	2





NYC-WTC_000014570

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Title : 508 Modified GC/MS scan
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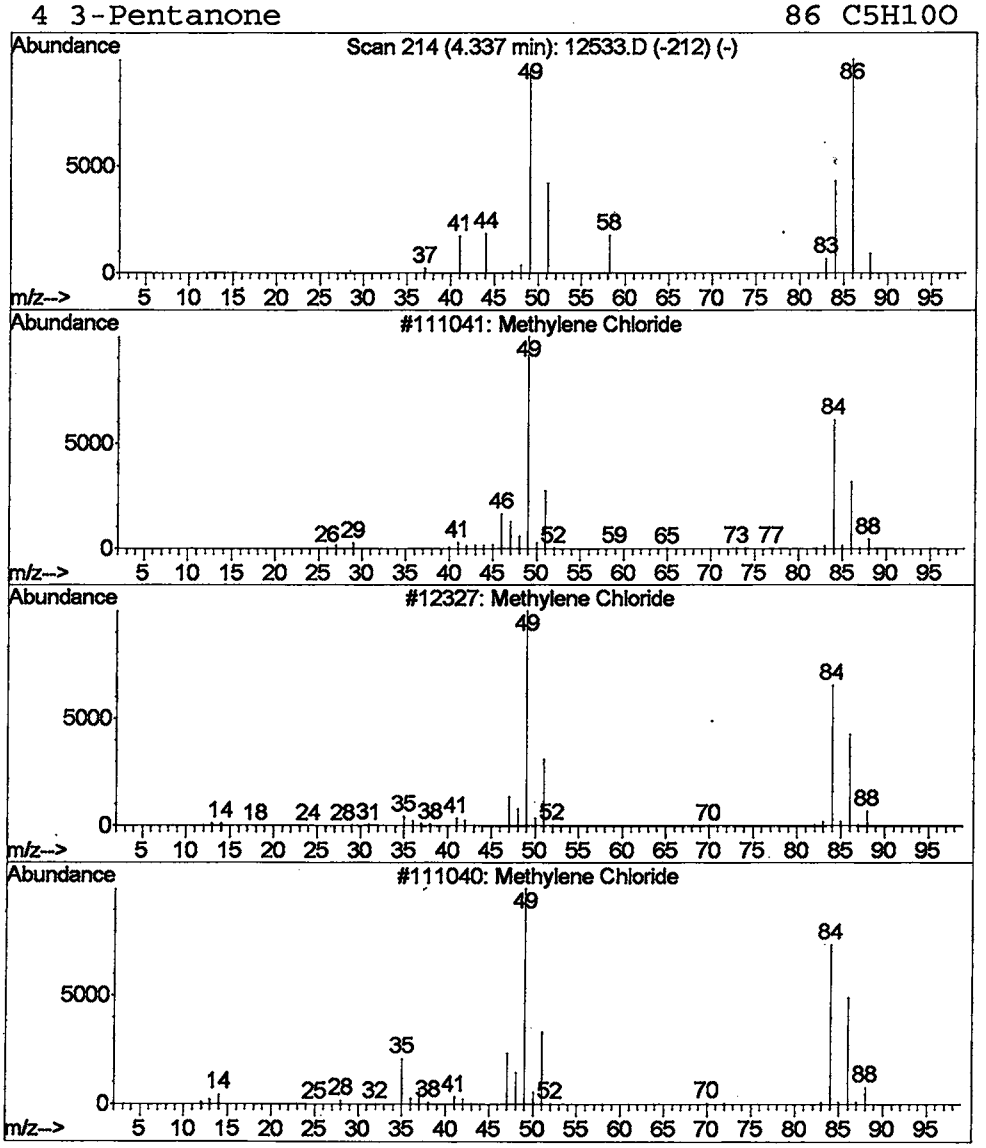
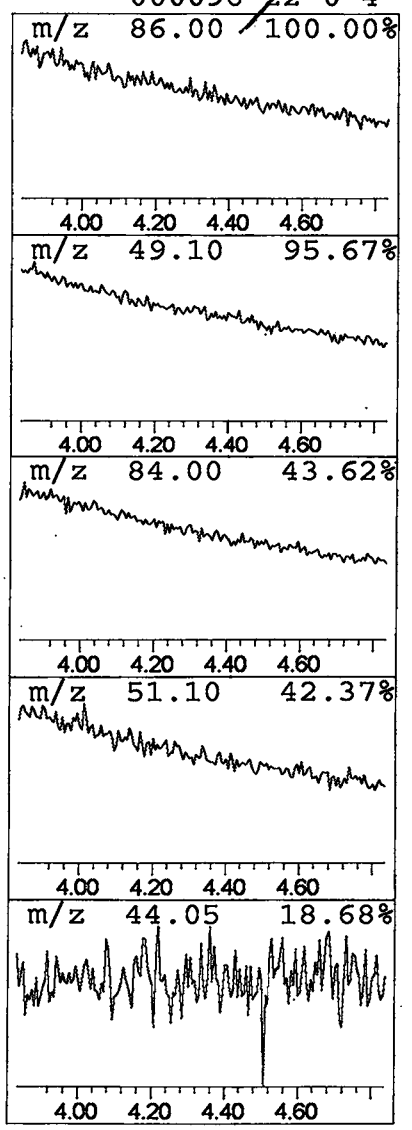
Peak Number 12 Methylene Chloride Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	0.25 ug/L	199715	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	45
2	Methylene Chloride	84	CH2Cl2	000075-09-2	9
3	Methylene Chloride	84	CH2Cl2	000075-09-2	4
4	3-Pentanone	86	C5H10O	000096-22-0	4





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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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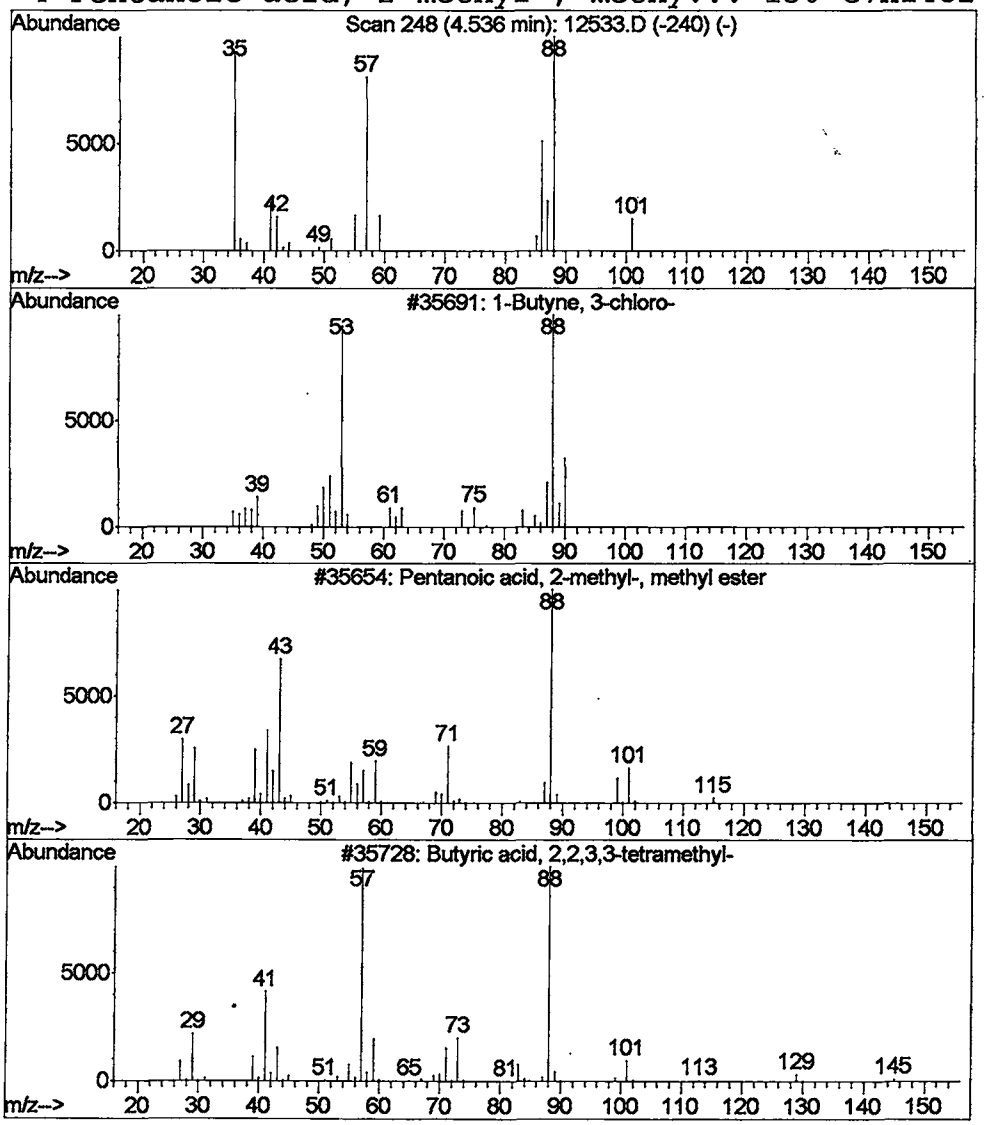
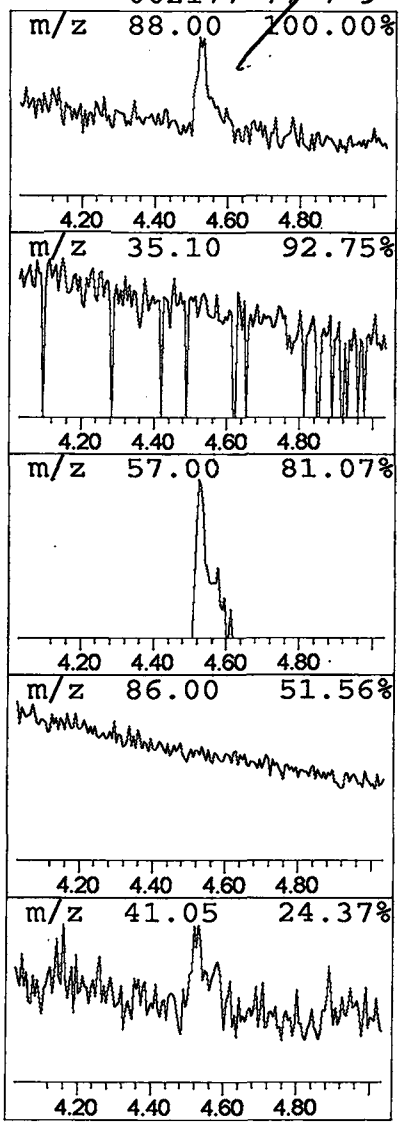
Peak Number 13 1-Butyne, 3-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	0.73 ug/L	575664	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne, 3-chloro-	88	C4H5Cl	021020-24-6	9
2	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	9
3	Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	9
4	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	9





NYC-WTC_000014572

NYC 9/11 Public Portal Document

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

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Peak Number 14 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.88 ug/L	694686	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	72
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	72
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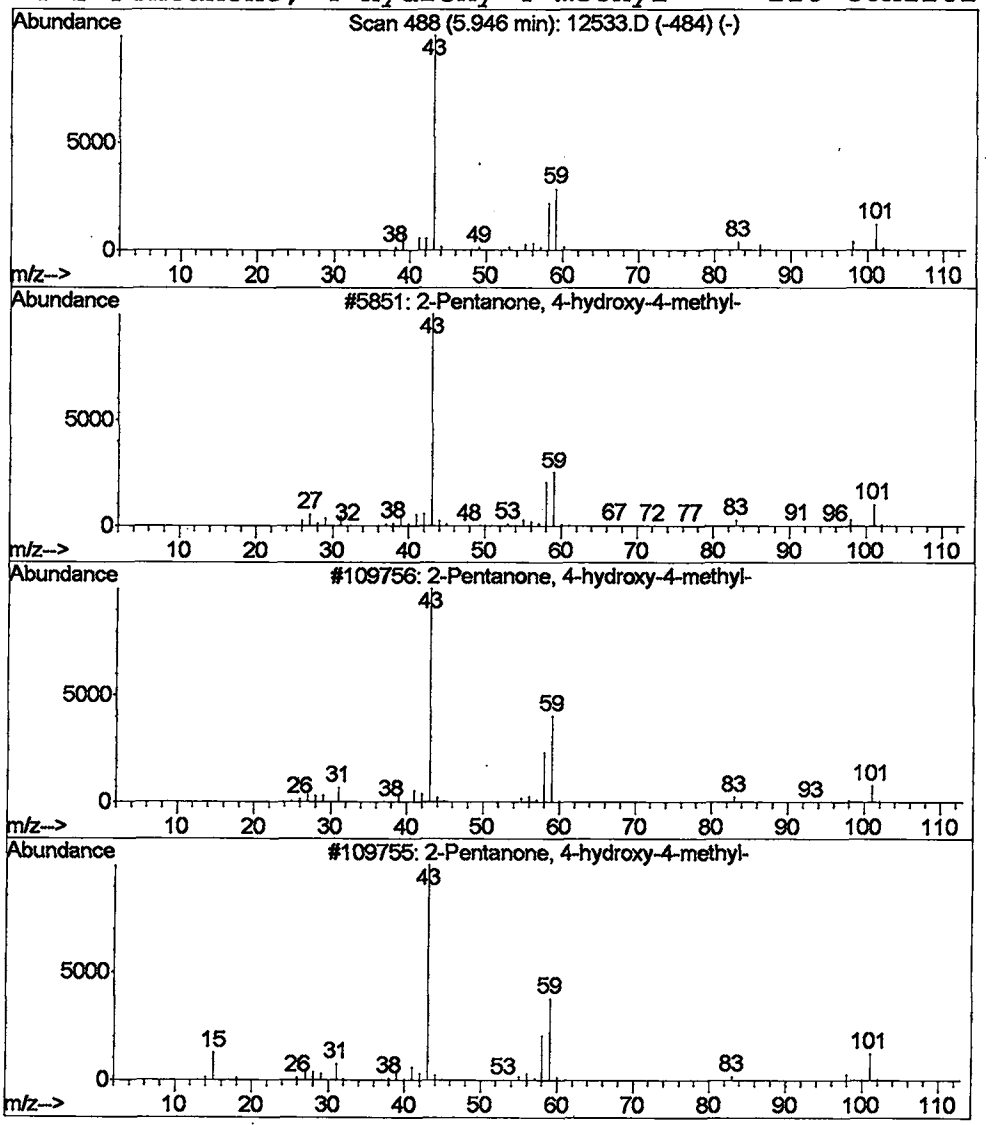

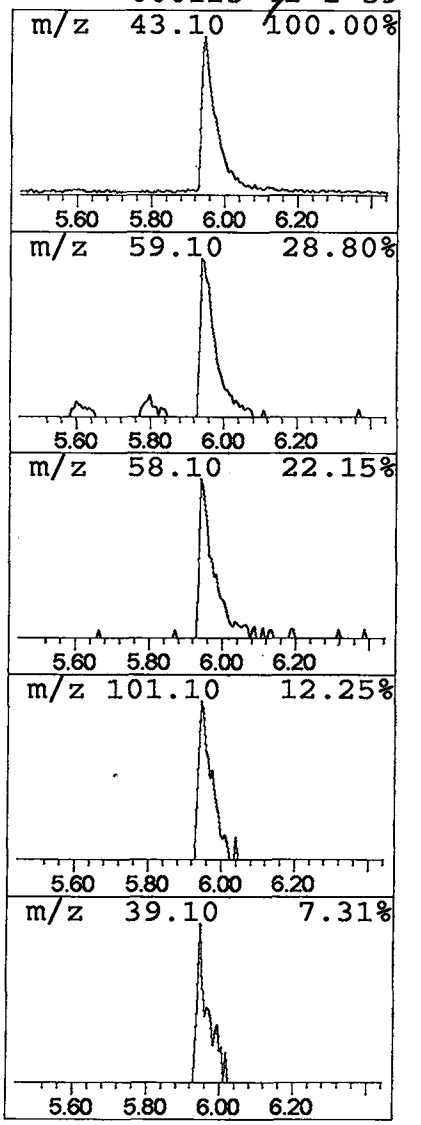

NYC-WTC_000014573

NYC 9/11 Public Portal Document

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

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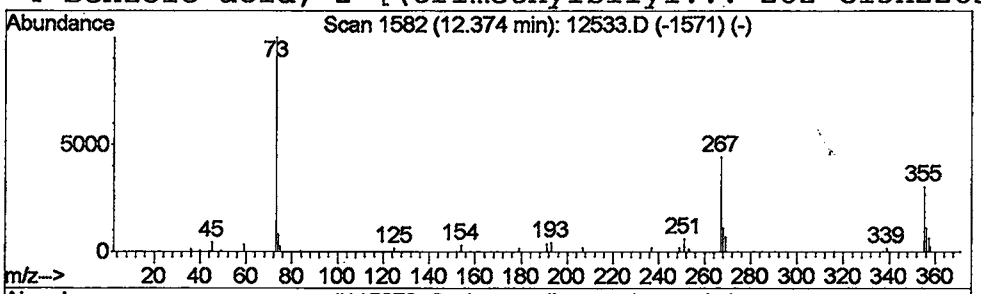
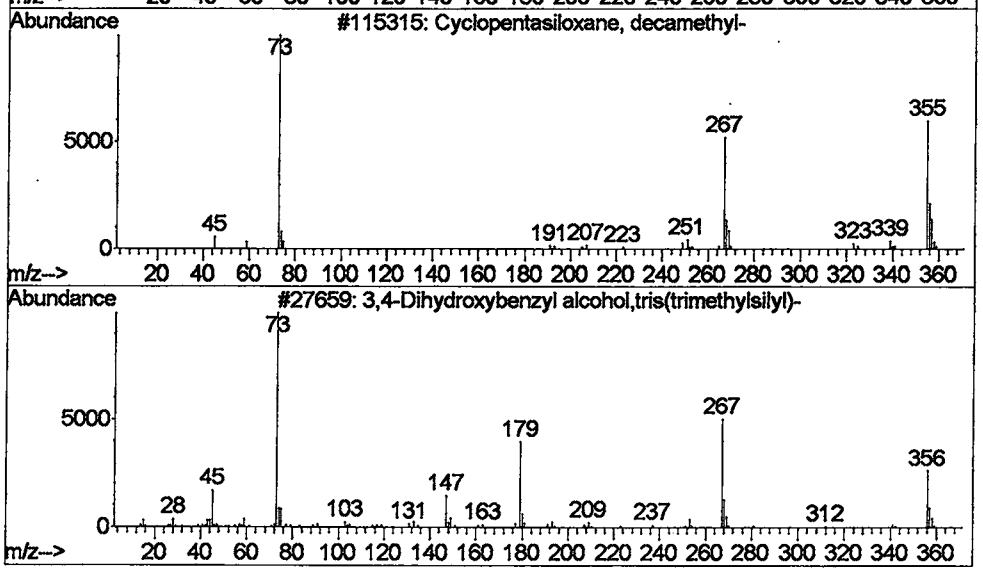
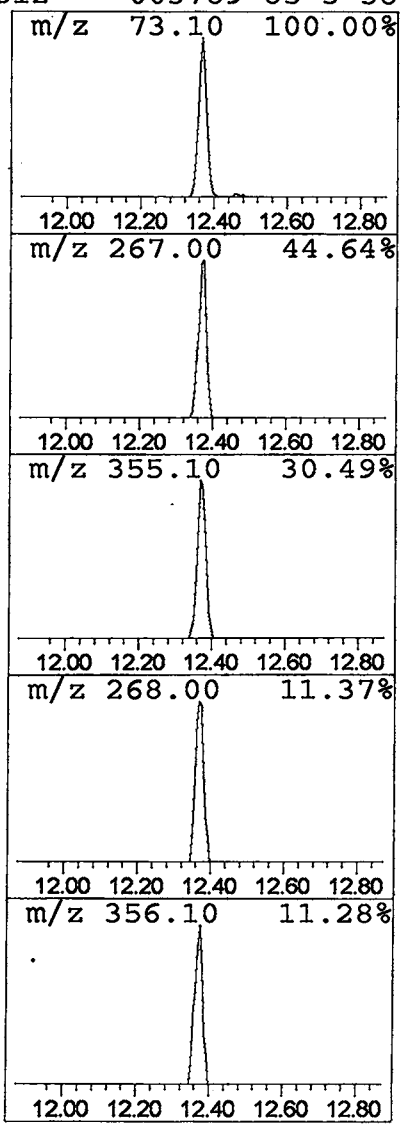
Peak Number 15 Cyclopentasiloxane, decamet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	0.42 ug/L	451320	Napthalene-d8	13.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
3	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	40
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38







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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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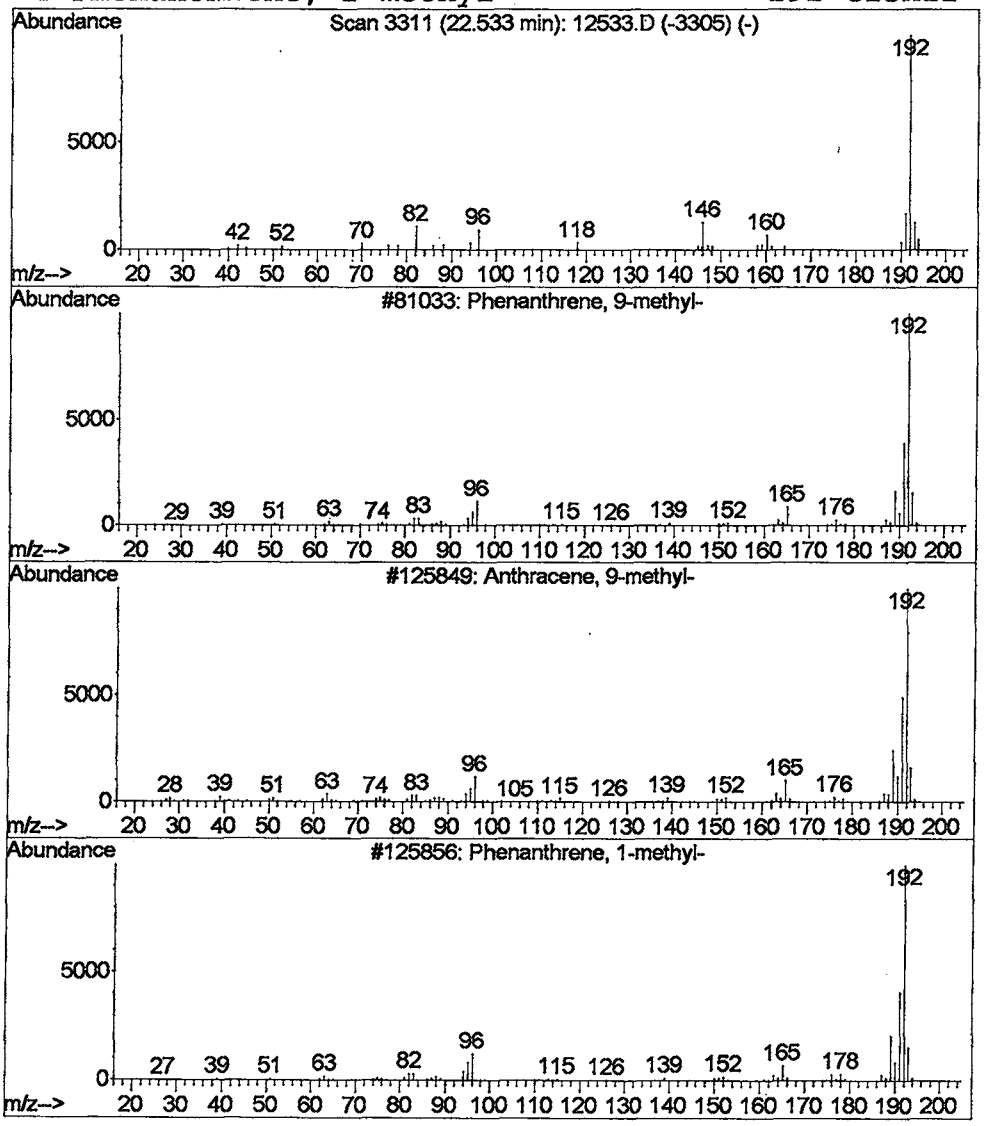
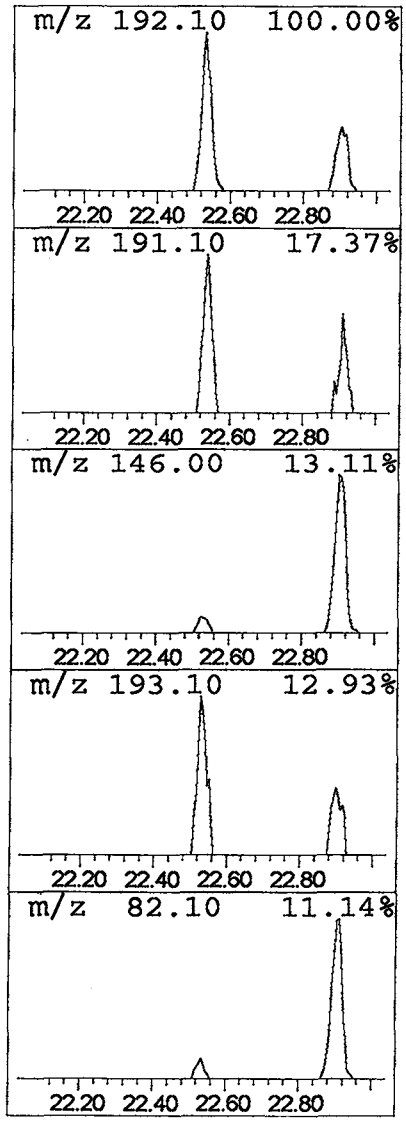
Peak Number 16 Phenanthrene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.27 ug/L	316769	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	45
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	45
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	45





NYC-WTC_000014575

NYC 9/11 Public Portal Document

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

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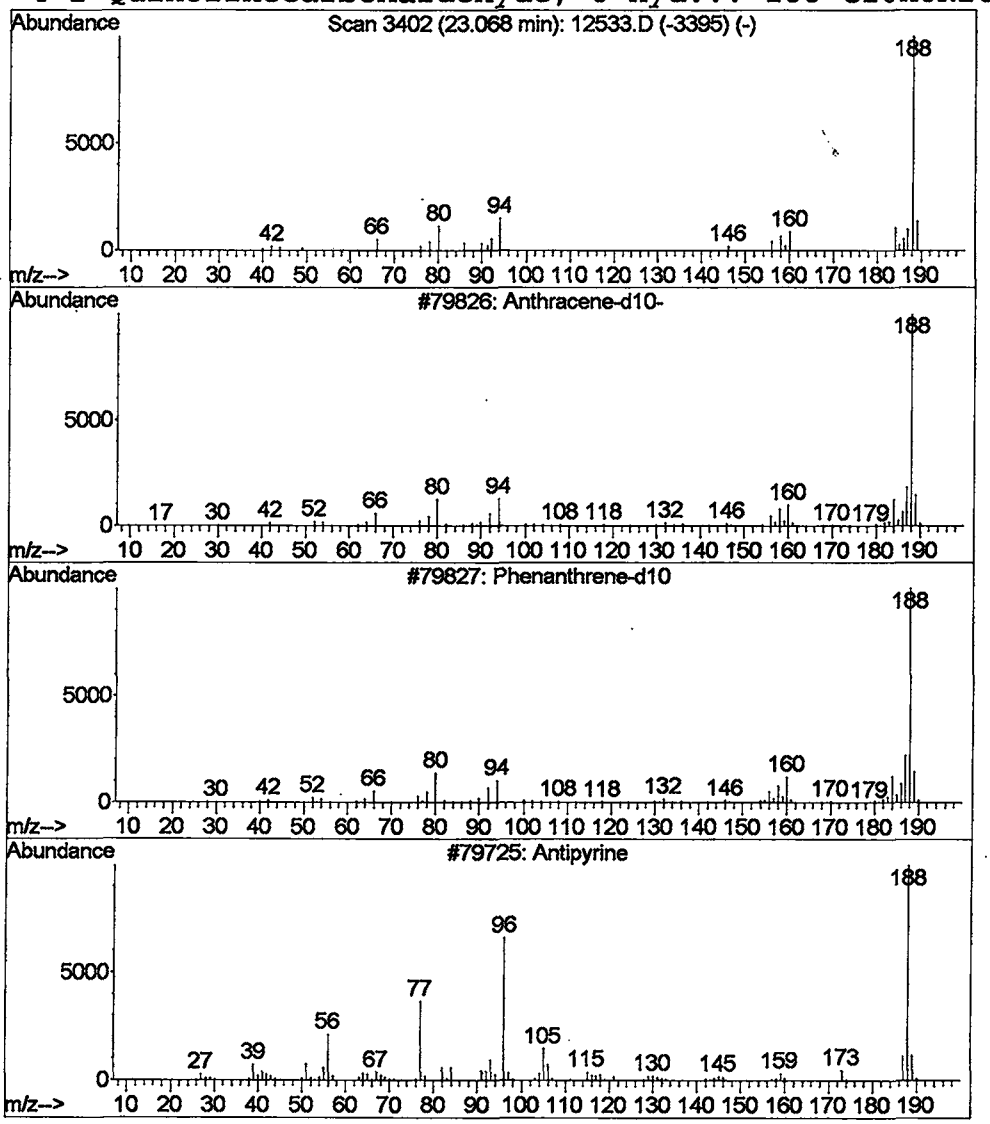
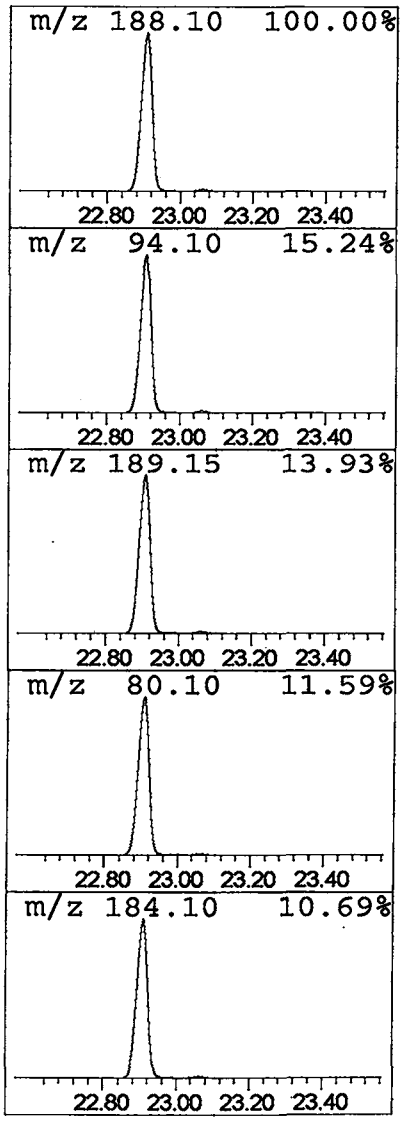
Peak Number 17 Anthracene-d10- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.33 ug/L	395898	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	93
2	Phenanthrene-d10	188	C14D10	001517-22-2	93
3	Antipyrine	188	C11H12N2O	000060-80-0	50
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	42





NYC-WTC_000014576

NYC 9/11 Public Portal Document

Tentatively Identified Compound (TIC) Summary

Operator ID: McLean Date Acquired: 30 May 2002 4:49 am
Data File: C:\MSDCHEM\1\DATA\052902\12533.D
Name: gc/ms scan 5/28
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--- #	RT	Resp	Conc
Butanoic acid, me...	3.48	0.4	ug/L	279040	1	9.90	31560000	40.0
Methylene Chloride	3.72	1.3	ug/L	1001620	1	9.90	31560000	40.0
Propiolonitrile	3.76	0.9	ug/L	731865	1	9.90	31560000	40.0
Ethyl Chloride	3.79	0.4	ug/L	276940	1	9.90	31560000	40.0
Ethanol, 2,2-dich...	3.81	0.7	ug/L	538727	1	9.90	31560000	40.0
Formamide, N-(cya...	3.85	0.8	ug/L	651852	1	9.90	31560000	40.0
1-Buten-3-yne, 1-...	3.91	0.7	ug/L	539154	1	9.90	31560000	40.0
Ethyl Chloride	3.95	0.6	ug/L	498691	1	9.90	31560000	40.0
1,2,3-Butatriene,...	3.99	1.3	ug/L	997751	1	9.90	31560000	40.0
1-Buten-3-yne, 2-...	4.13	0.8	ug/L	648654	1	9.90	31560000	40.0
Dicyandiamide	4.30	0.4	ug/L	292938	1	9.90	31560000	40.0
Methylene Chloride	4.34	0.3	ug/L	199715	1	9.90	31560000	40.0
1-Butyne, 3-chloro-	4.53	0.7	ug/L	575664	1	9.90	31560000	40.0
2-Pentanone, 4-hy...	5.95	0.9	ug/L	694686	1	9.90	31560000	40.0
Cyclopentasiloxan...	12.37	0.4	ug/L	451320	2	13.39	42627700	40.0
Phenanthrene, 9-m...	22.54	0.3	ug/L	316769	4	22.91	47551000	40.0
Anthracene-d10-	23.07	0.3	ug/L	395898	4	22.91	47551000	40.0

NYC-WTC_000014577