User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 08:30:26

Sample: AE06334
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/02 08:29 Ended: 4/18/02 08:29 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Comments for Sample AE06334 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 08:30:31

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6334.D Vial: 18
Acq On : 9 Apr 2002 2:41 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:19:29 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	2426229	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	9259484	20.00	ug/l	-0.02
17) Acenaphthene-d10	23.66	164	5183628	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	8355599	20.00	ug/l	-0.01
39) Chrysene-d12	39.09	240	6208628	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	3073853	20.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	0.00	207	0	0.00	ug/l	
Spiked Amount 5.000			Recovery = 0.00%			
38) 2,4-DDD	36.62	235	503192	5.38	ug/ml	0.00
Spiked Amount 5.000			Recovery = 107.60%			
Target Compounds			5.3509 = 107.0%			Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D. d		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1.3-Dichlorbenzene	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-n-propylamine	0.00	43	0	N.D.		
9) Hexachloroethane	0.00	119	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) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Acenaphthylene	0.00	152	0	N.D.		
21) Dimethyl phthalate	0.00	163	0	N.D.		
22) 2,6-Dinitrotoluene	23.66	77	3554	0.21	ug/l #	1
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Fluorene	0.00	166	0	N.D.		
26) Diethyl phthalate	0.00	149	0	N.D.		
27) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
29) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
30) Azobenzene	0.00	77	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

NYC-WTC_000039394

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6334.D Vial: 18
Acq On : 9 Apr 2002 2:41 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:19:29 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Phenanthrene	0.00	178	0	N.D.	
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	33.98	149	56073	0.12 ug/l	79
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Buthylbenzylphthalate	0.00	149	0	N.D.	
42)	Benz(a)anthracene	0.00	228	0	N.D.	
43)	Chrysene	0.00	228	0	N.D.	
44)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
46)	Di-n-Octyl phthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
49)	Benzo(a)pyrene	0.00	252	0	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	Benzo(ghi)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

NYC-WTC_000039395

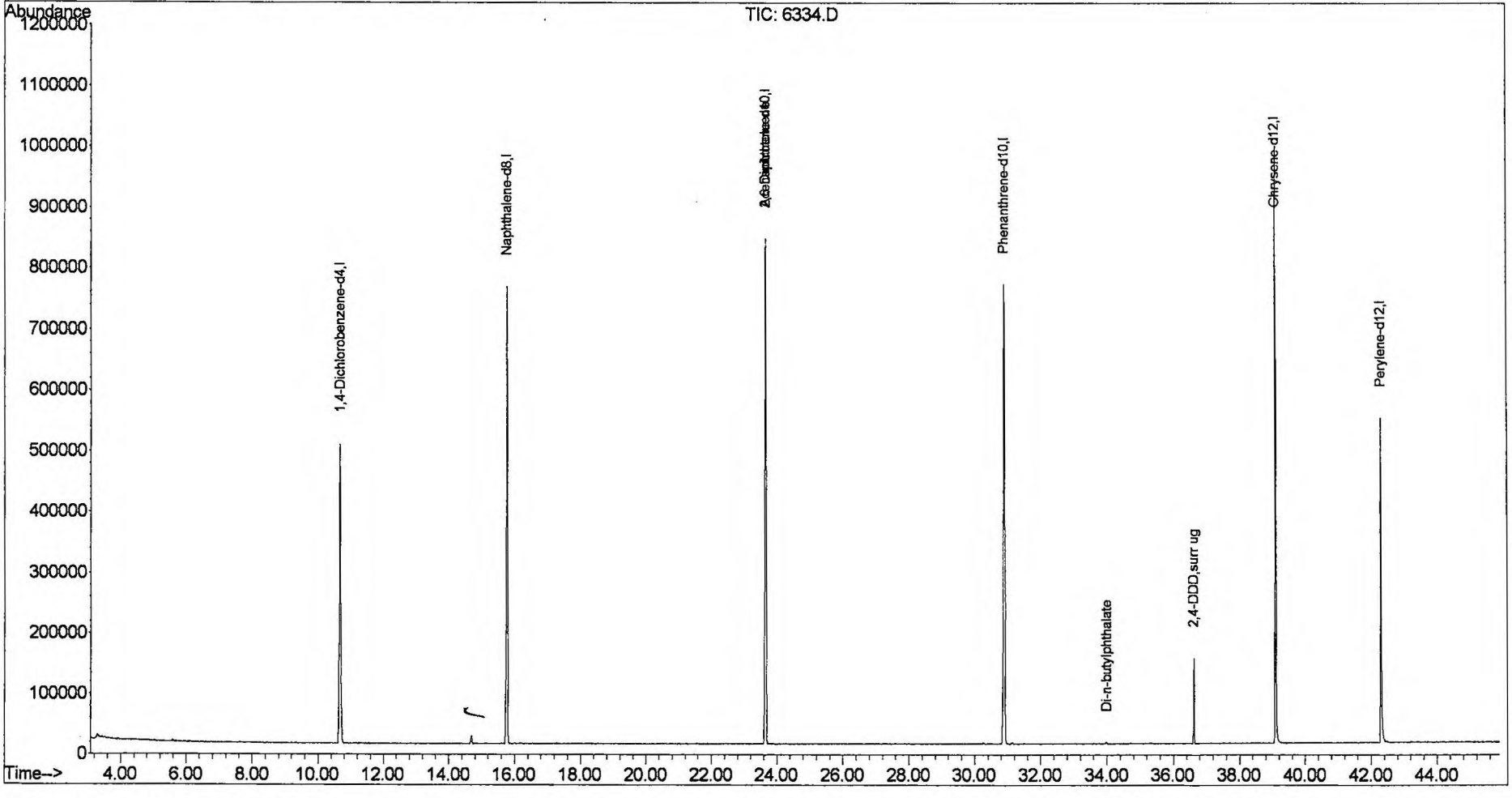
NYC-WTC_000039396

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6334.D Vial: 18
Acq On : 9 Apr 2002 2:41 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 9 15:19 2002 Quant Results File: SCANAPR0902.RES

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 2002
Response via : Initial Calibration



NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020408\6334.D Vial: 18
Acq On : 9 Apr 2002 2:41 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 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	3.285	21	35	47	PV 7	7507	347576	1.61%	0.327%
2	3.367	47	49	52	VV 2	3930	65606	0.30%	0.062%
3	3.420	52	58	65	VV 4	4379	152501	0.71%	0.144%
4	3.514	70	74	78	VV 4	4135	88229	0.41%	0.083%
5	3.919	138	143	148	PV 3	2402	36561	0.17%	0.034%
6	5.588	423	427	438	VV 2	3418	72007	0.33%	0.068%
7	6.064	505	508	512	PV	1534	18046	0.08%	0.017%
8	10.659	1280	1290	1308	PV	496344	13618168	63.11%	12.815%
9	14.689	1968	1976	1985	PV 2	13648	330819	1.53%	0.311%
10	15.765	2147	2159	2175	PV	744318	18155753	84.14%	17.085%
11	23.656	3490	3502	3513	PV	817103	21009963	97.36%	19.771%
12	30.260	4618	4626	4642	VV 2	2291	74951	0.35%	0.071%
13	30.894	4717	4734	4750	PV 2	757727	21578638	100.00%	20.306%
14	31.135	4763	4775	4786	VV 2	2651	81016	0.38%	0.076%
15	33.973	5253	5258	5267	VV 2	3014	75345	0.35%	0.071%
16	36.623	5700	5709	5719	PV	142801	2344831	10.87%	2.207%
17	39.091	6121	6129	6162	PV 2	959922	17874746	82.84%	16.820%
18	42.299	6667	6675	6714	PV	538994	10343064	47.93%	9.733%

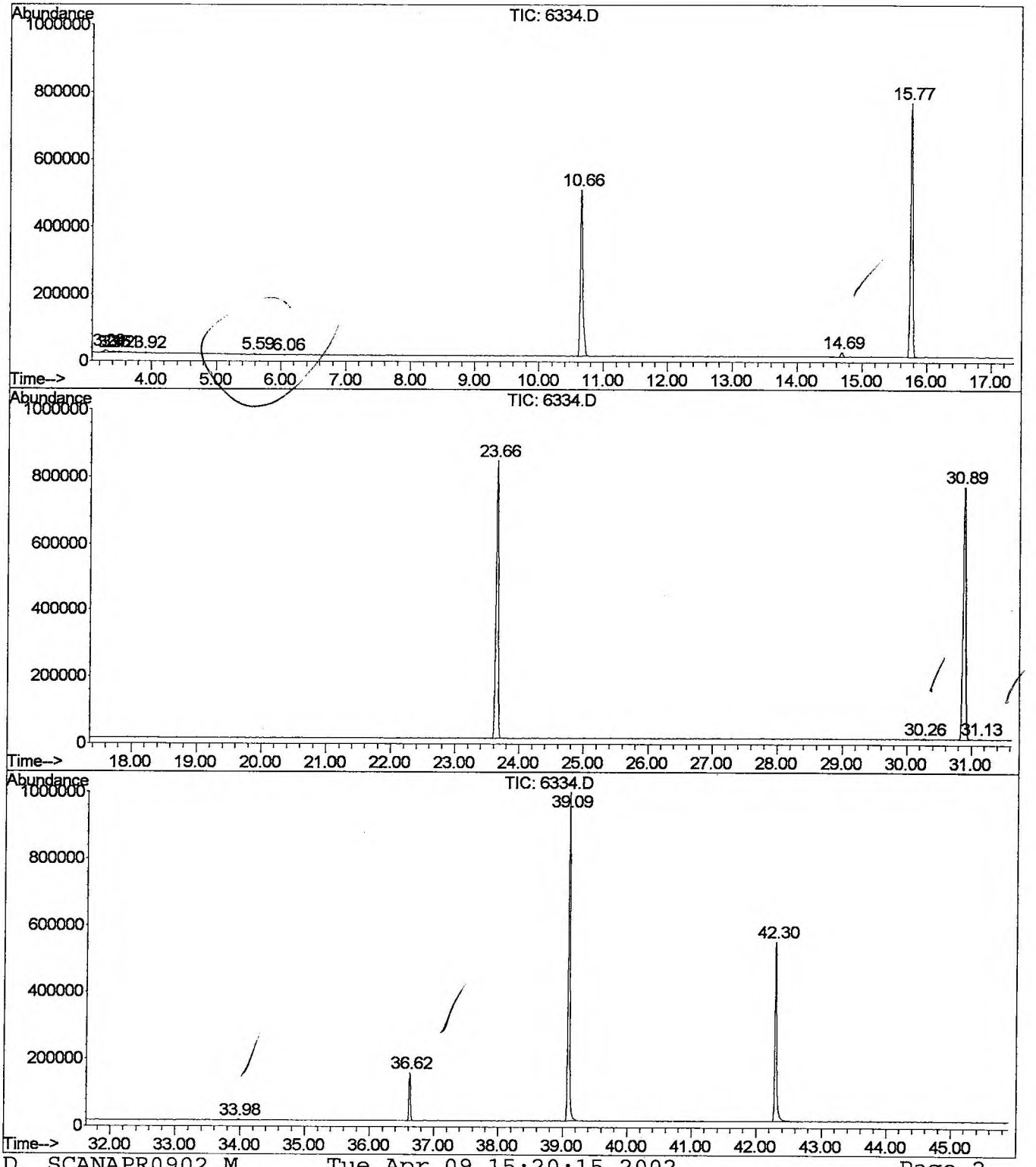
Sum of corrected areas: 106267818

NYC-WTC_000039397

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020408\6334.D
Operator : McLean
Acquired : 9 Apr 2002 2:41 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 3/18
Misc Info :
Vial Number: 18
Quant File :SCANAPR0902.RES (Chemstation Integrator)



NYC-WTC_000039398

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6334.D Vial: 18
Acq On : 9 Apr 2002 2:41 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

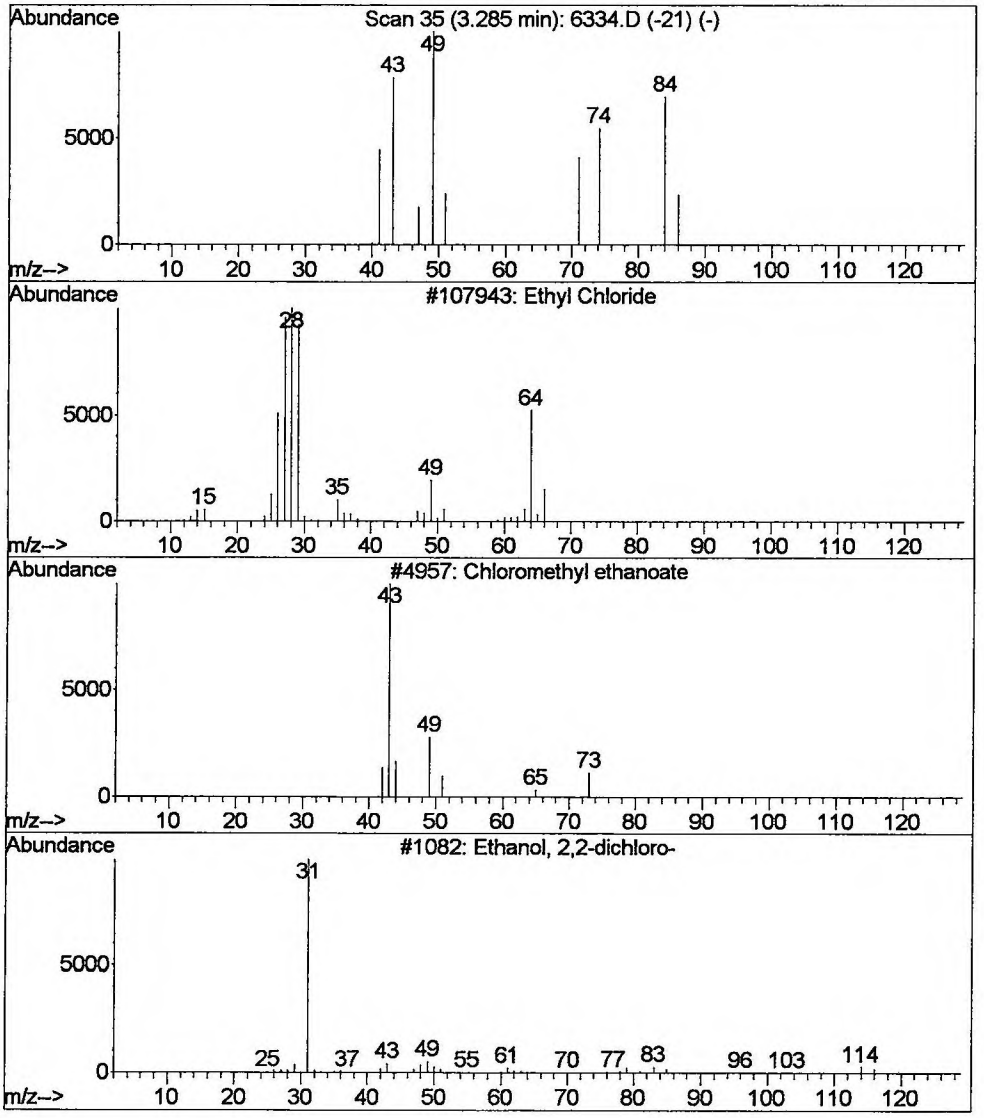
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

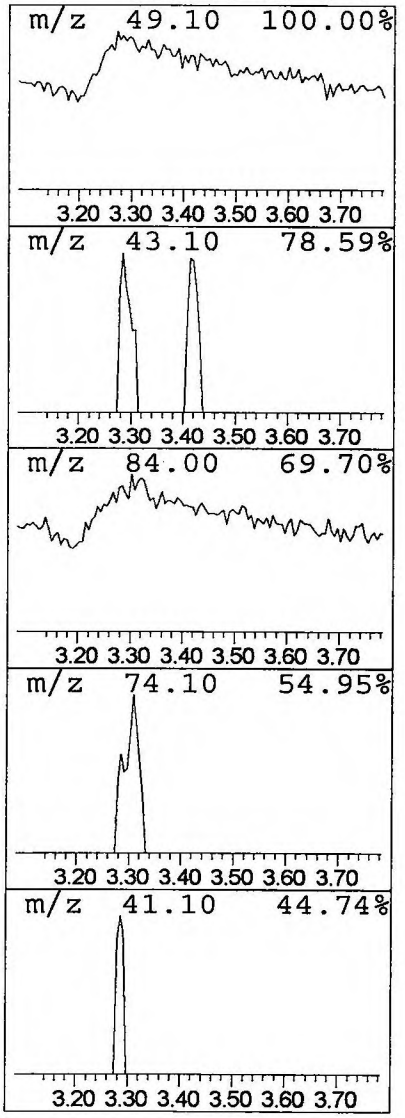
****

Peak Number 1 Ethyl Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	0.51 ug/l	347576	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
2	Chloromethyl ethanoate	108	C3H5ClO2	1000143-34-6	2
3	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6334.D Vial: 18
Acq On : 9 Apr 2002 2:41 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

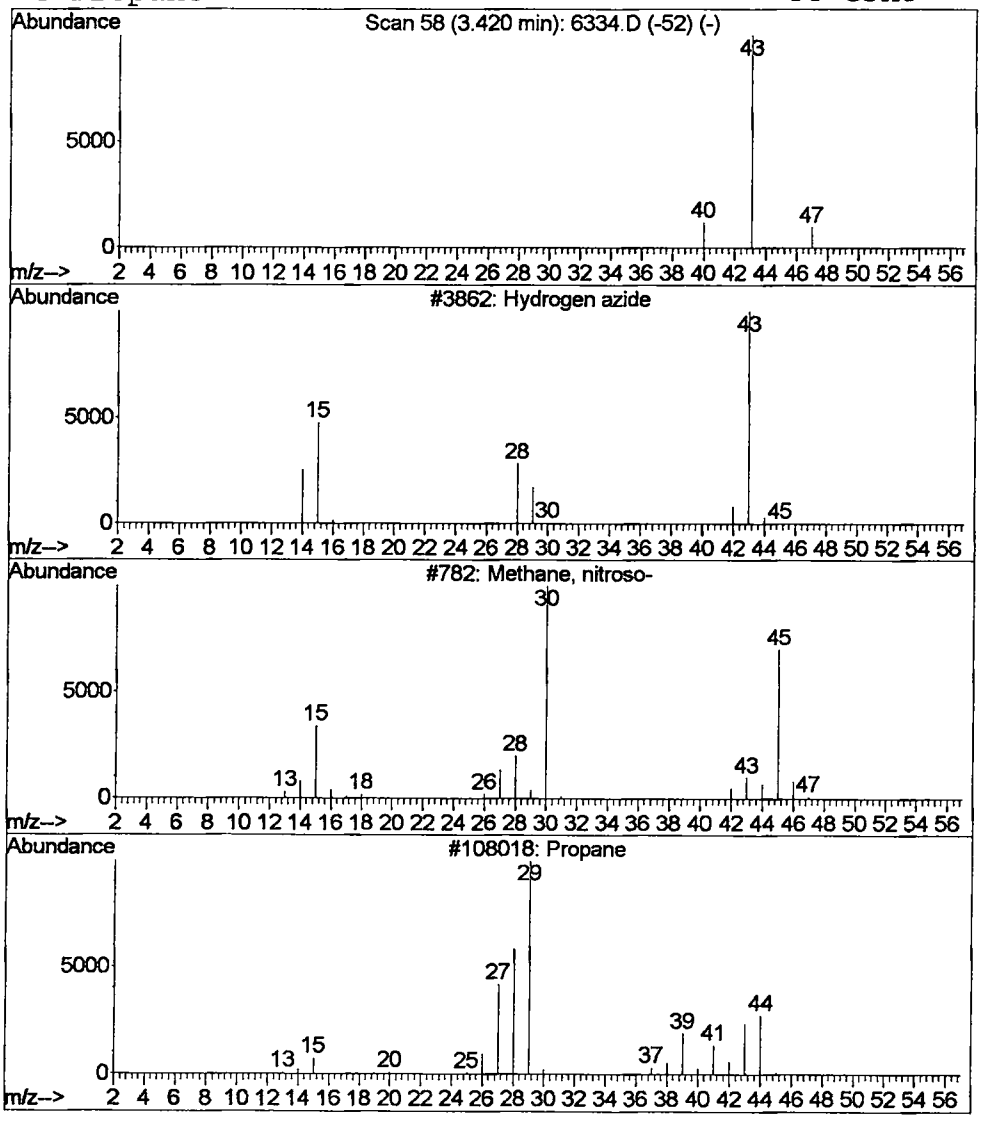
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

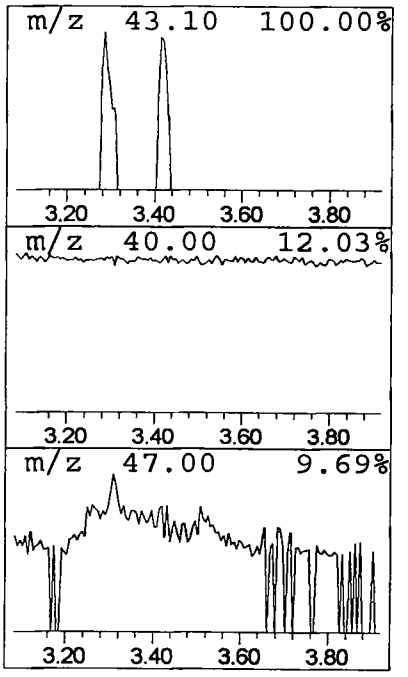
****

Peak Number 2 Hydrogen azide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	0.22 ug/l	152501	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen azide	43	HN3	007782-79-8	1
2	Methane, nitroso-	45	CH3NO	000865-40-7	1
3	Propane	44	C3H8	000074-98-6	1
4	Propane	44	C3H8	000074-98-6	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6334.D
Acq On : 9 Apr 2002 2:41 am
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

Vial: 18
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

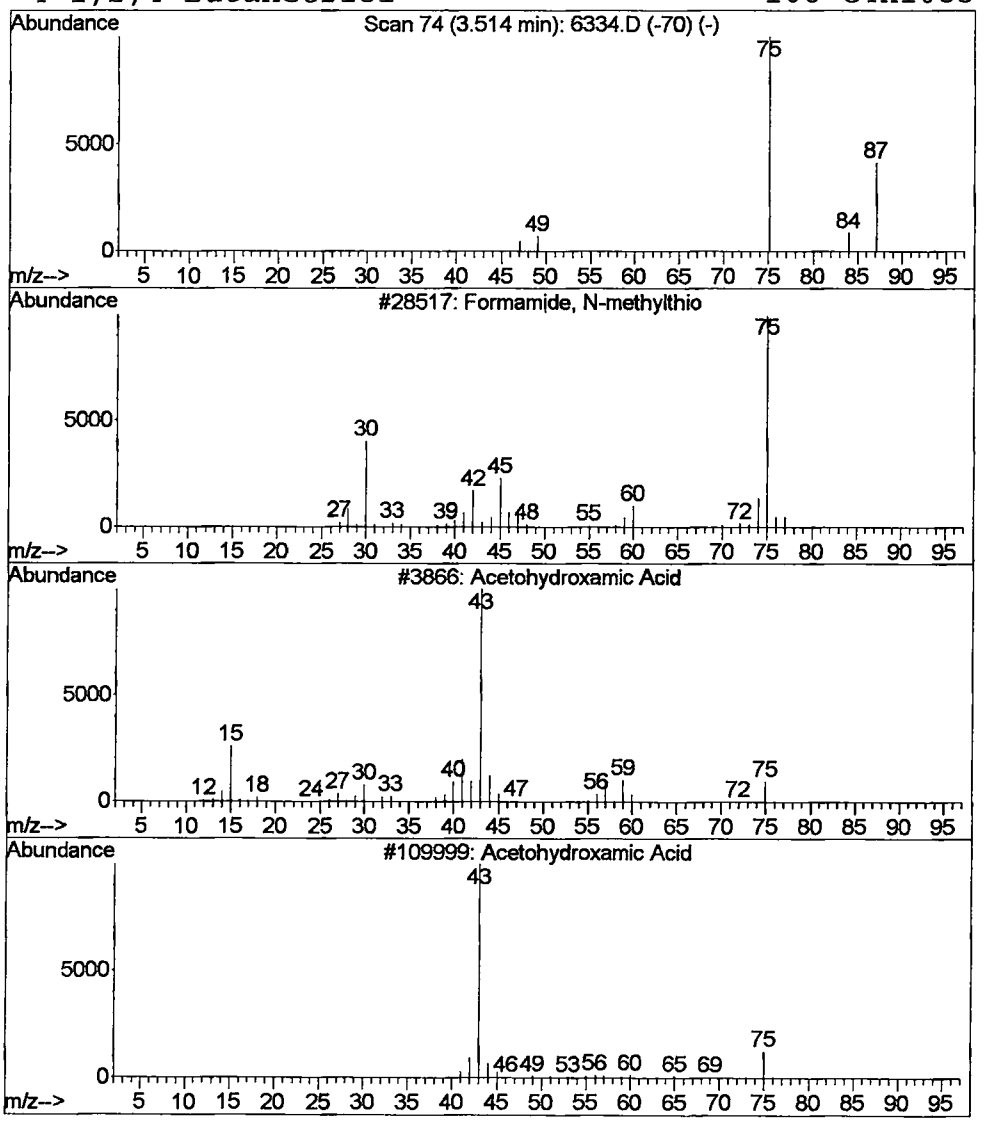
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

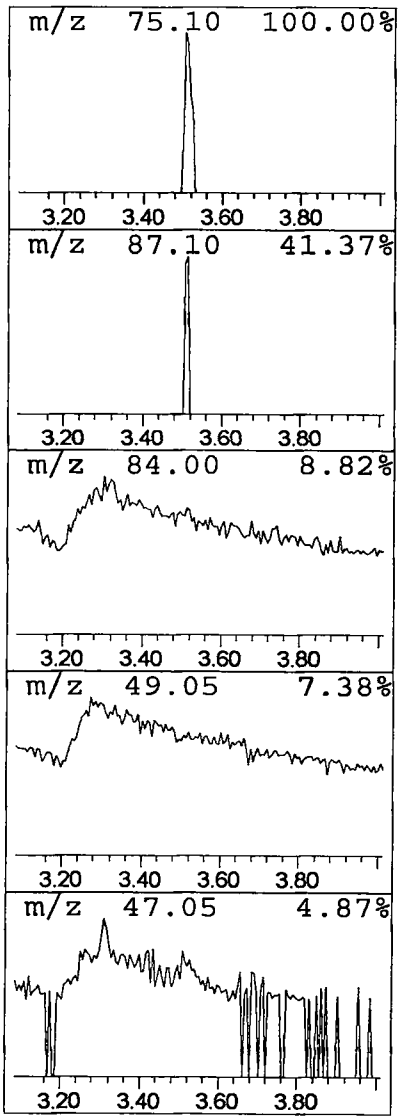
****

Peak Number 3 Formamide, N-methylthio Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	0.13 ug/l	88229	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N-methylthio	75	C2H5NS	1000196-87-7	4
2	Acetohydroxamic Acid	75	C2H5NO2	000546-88-3	3
3	Acetohydroxamic Acid	75	C2H5NO2	000546-88-3	3
4	1,2,4-Butanetriol	106	C4H10O3	003068-00-6	2





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6334.D Vial: 18
Acq On : 9 Apr 2002 2:41 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

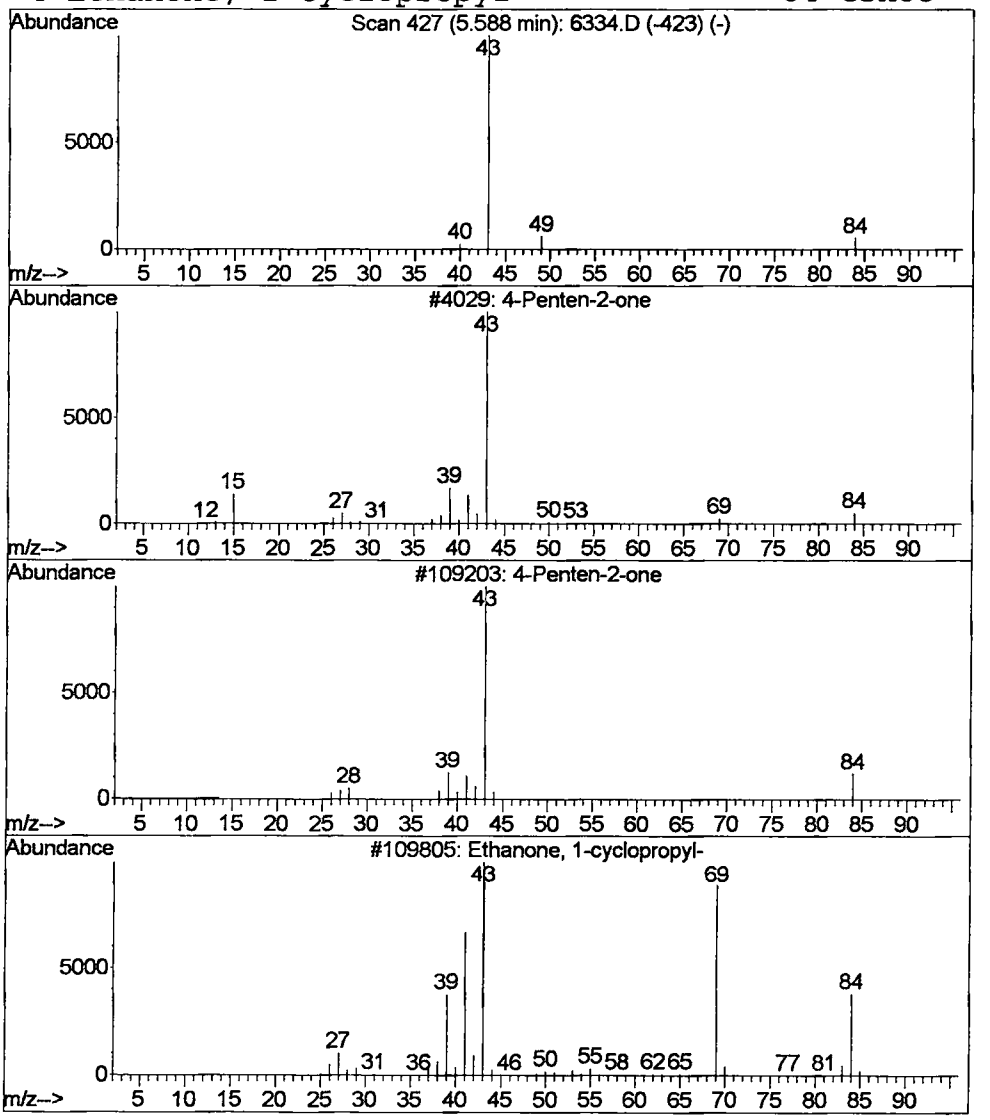
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

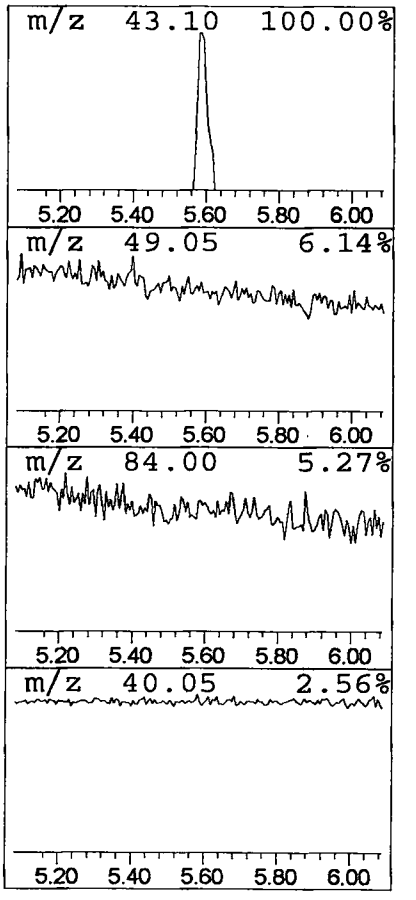
****

Peak Number 4 4-Penten-2-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	0.11 ug/l	72007	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one	84	C5H8O	013891-87-7	4
2	4-Penten-2-one	84	C5H8O	013891-87-7	1
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	1
4	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	1





NYC-WTC_000039402

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6334.D Vial: 18
Acq On : 9 Apr 2002 2:41 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

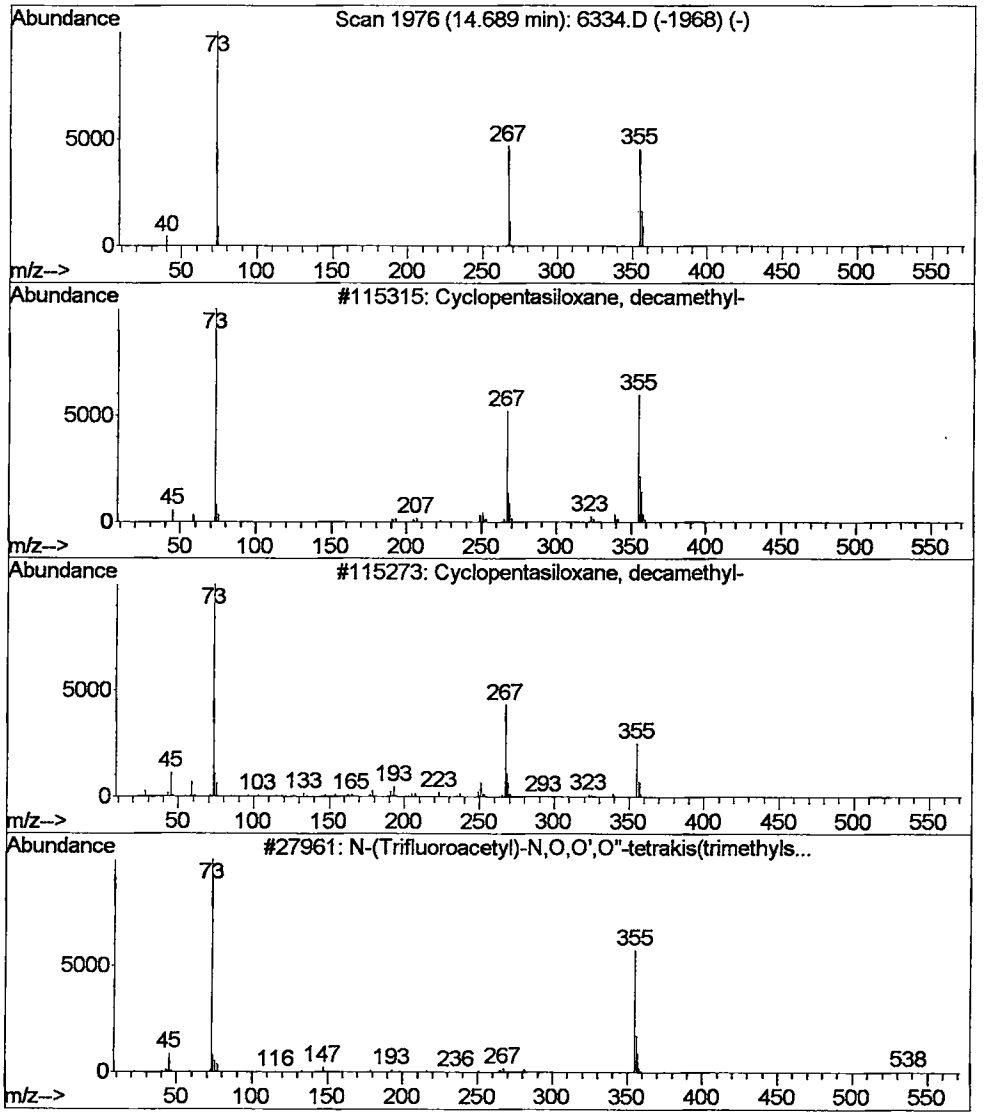
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

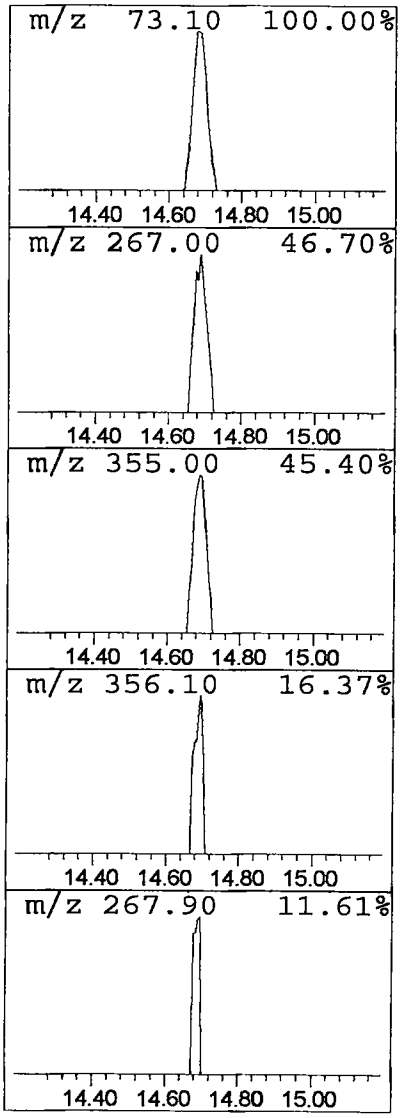
****

Peak Number 5 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	0.36 ug/l	330819	Naphthalene-d8	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
3	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	1000072-26-7	37
4	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	37





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 9 Apr 2002 2:41 am
Data File: C:\MSDCHEM\1\DATA\020408\6334.D
Name: 3/18
Misc:
Method: C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title: Method 508 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
Ethyl Chloride	3.29	0.5	ug/l	347576	1	10.66	13618200	20.0
Hydrogen azide	3.42	0.2	ug/l	152501	1	10.66	13618200	20.0
Formamide, N-meth...	3.51	0.1	ug/l	88229	1	10.66	13618200	20.0
4-Penten-2-one	5.59	0.1	ug/l	72007	1	10.66	13618200	20.0
Cyclopentasiloxan...	14.69	0.4	ug/l	330819	2	15.77	18155800	20.0

NYC-WTC_000039404