NYC 9/11 Public Portal Document

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 04/10/2002 Time: 14:50:24

Sample: AE06303
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 4/10/02 14:14 Ended: 4/10/02 14:14 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		< MDL	2.0
2	bis(2-Chloroethyl)ether		< MDL	2.0
3	1,3-Dichlorobenzene		< MDL	2.0
4	1,4-Dichlorobenzene		< MDL	2.0
5	1,2-Dichlorobenzene		< MDL	2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL	2.0
7	n-Nitrosodi-n-propylamine		< MDL	2.0
8	Hexachloroethane		< MDL	2.0
9	Nitrobenzene		< MDL	2.0
10	Isophorone		< MDL	2.0
11	bis(2-Chloroethoxy)methane		< MDL	2.0
12	1,2,4-Trichlorobenzene		< MDL	2.0
13	Naphthalene		< MDL	2.0
14	Hexachlorobutadiene		< MDL	2.0
15	2-Chloronaphthalene		< MDL	2.0
16	Dimethylphthalate		< MDL	2.0
17	2,6-Dinitrotoluene		< MDL	2.0
18	Acenaphthylene		< MDL	2.0
19	Acenaphthene		< MDL	2.0
20	2,4-Dinitrotoluene		< MDL	2.0
21	Diethylphthalate		< MDL	2.0
22	4-Chlorophenylphenylether		< MDL	2.0
23	Fluorene		< MDL	2.0
24	Azobenzene/1,2-Diphenylhydraz		< MDL	2.0
25	n-Nitrosodiphenylamine		< MDL	2.0
26	4-Bromophenylphenylether		< MDL	2.0
27	Hexachlorobenzene		< MDL	2.0
28	Phenanthrene		< MDL	2.0
29	Anthracene		< MDL	2.0
30	Di-n-butylphthalate		< MDL	2.0
31	Fluoranthene		< MDL	2.0
32	Pyrene		< MDL	2.0
33	Butylbenzylphthalate		< MDL	2.0
34	Benzo(a)anthracene		< MDL	2.0
35	bis(2-Ethylhexyl)phthalate		< MDL	2.0
36	Chrysene		< MDL	2.0
37	Di-n-octylphthalate		< MDL	2.0
38	Benzo(b)fluoranthene		< MDL	2.0
39	Benzo(k)fluoranthene		< MDL	2.0
40	Benzo(a)pyrene		< MDL	2.0
41	Indeno(1,2,3-cd)pyrene		< MDL	2.0
42	Dibenz(a,h)anthracene		< MDL	2.0
43	Benzo(g,h,i)perylene		< MDL	2.0

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\0318LB.D Vial: 8
Acq On : 8 Apr 2002 5:24 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:07:38 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	10.67	152	5550389	20.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	20926434	20.00	ug/l	0.00
17) Acenaphthene-d10	23.68	164	11947514	20.00	ug/l	0.00
31) Phenanthrene-d10	30.92	188	19334934	20.00	ug/l	0.01
39) Chrysene-d12	39.11	240	14903630	20.00	ug/l	0.00
45) Perylene-d12	42.31	264	7885165	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	505103	2.33	ug/ml	0.00
Spiked Amount 5.000			Recovery = 46.60%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.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	23.68	77	-9477	Below Cal	#	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.		

5.375 = 107 %

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

NYC-WTC_000039324

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\0318LB.D Vial: 8
Acq On : 8 Apr 2002 5:24 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:07:38 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	51741	0.05 ug/l	X 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	39.10	228	39893	0.05 ug/l #	X 57
43)	Chrysene	39.10	228	39889	0.05 ug/l #	X 54
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_000039325

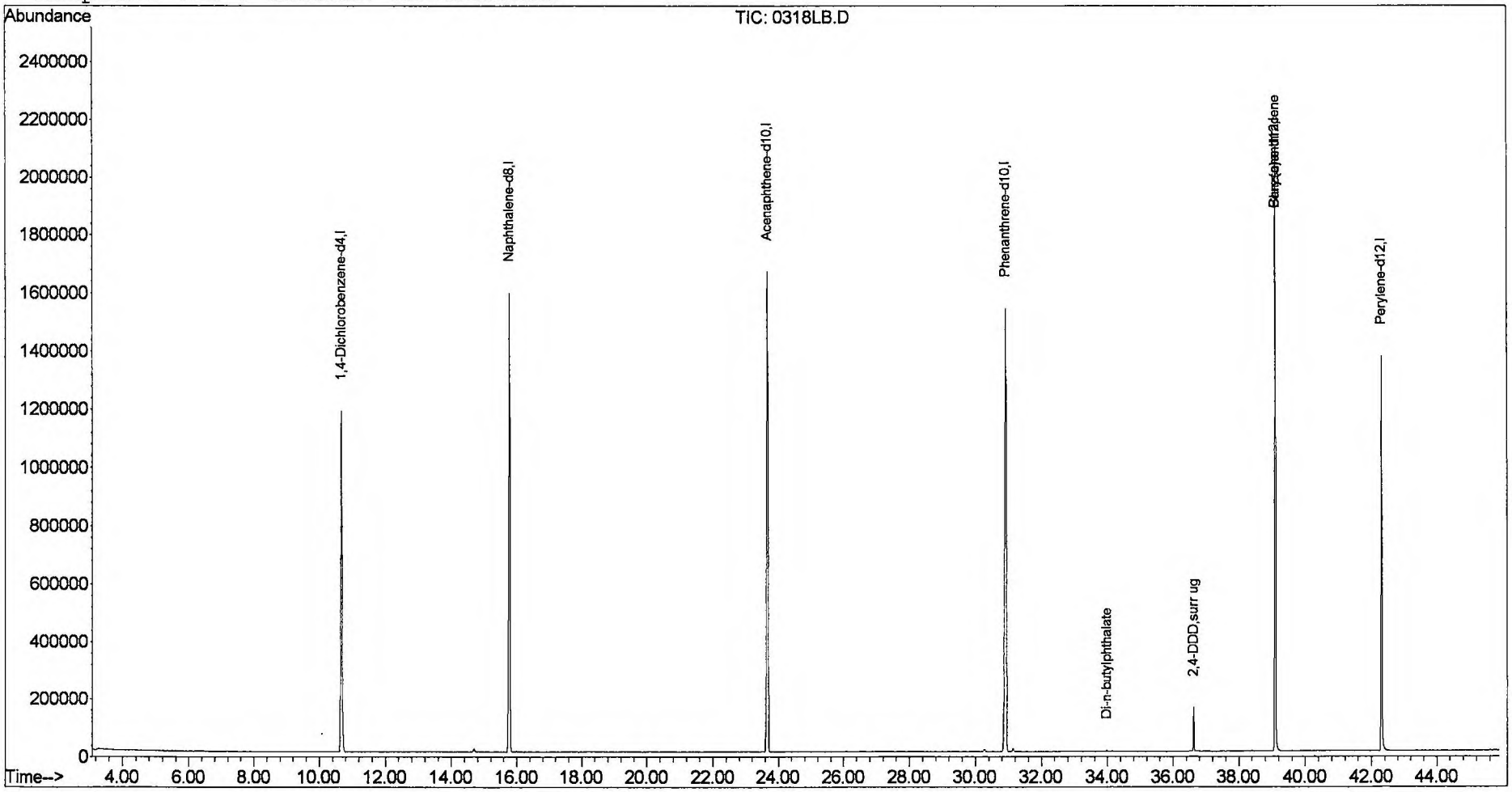
NYC-WTC_000039326

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\0318LB.D Vial: 8
Acq On : 8 Apr 2002 5:24 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 9 15:07 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\0318LB.D Vial: 8
Acq On : 8 Apr 2002 5:24 pm 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	3.296	21	37	42	PV 5	4954	202786	0.40%	0.083%
2	3.332	42	43	51	VV 5	3811	115741	0.23%	0.047%
3	3.390	51	53	56	VV 3	3353	56279	0.11%	0.023%
4	3.854	128	132	135	PV 3	1630	19621	0.04%	0.008%
5	10.670	1280	1292	1313	VV	1167093	31217947	62.16%	12.798%
6	14.689	1968	1976	1985	PV 2	12394	308457	0.61%	0.126%
7	15.782	2147	2162	2185	VV	1572529	41380530	82.40%	16.964%
8	15.993	2191	2198	2205	PV 2	2961	72106	0.14%	0.030%
9	23.679	3489	3506	3520	BV	1667401	48503249	96.58%	19.884%
10	30.265	4616	4627	4641	PV 4	8310	208833	0.42%	0.086%
11	30.917	4717	4738	4753	PV 2	1524754	50221443	100.00%	20.588%
12	31.135	4764	4775	4786	VV 2	10608	247052	0.49%	0.101%
13	33.979	5254	5259	5266	PV 2	3054	54385	0.11%	0.022%
14	36.623	5700	5709	5716	PV	150198	2326472	4.63%	0.954%
15	39.108	6118	6132	6157	PV	2081729	42780855	85.18%	17.538%
16	42.310	6667	6677	6705	PV	1320217	26220972	52.21%	10.749%

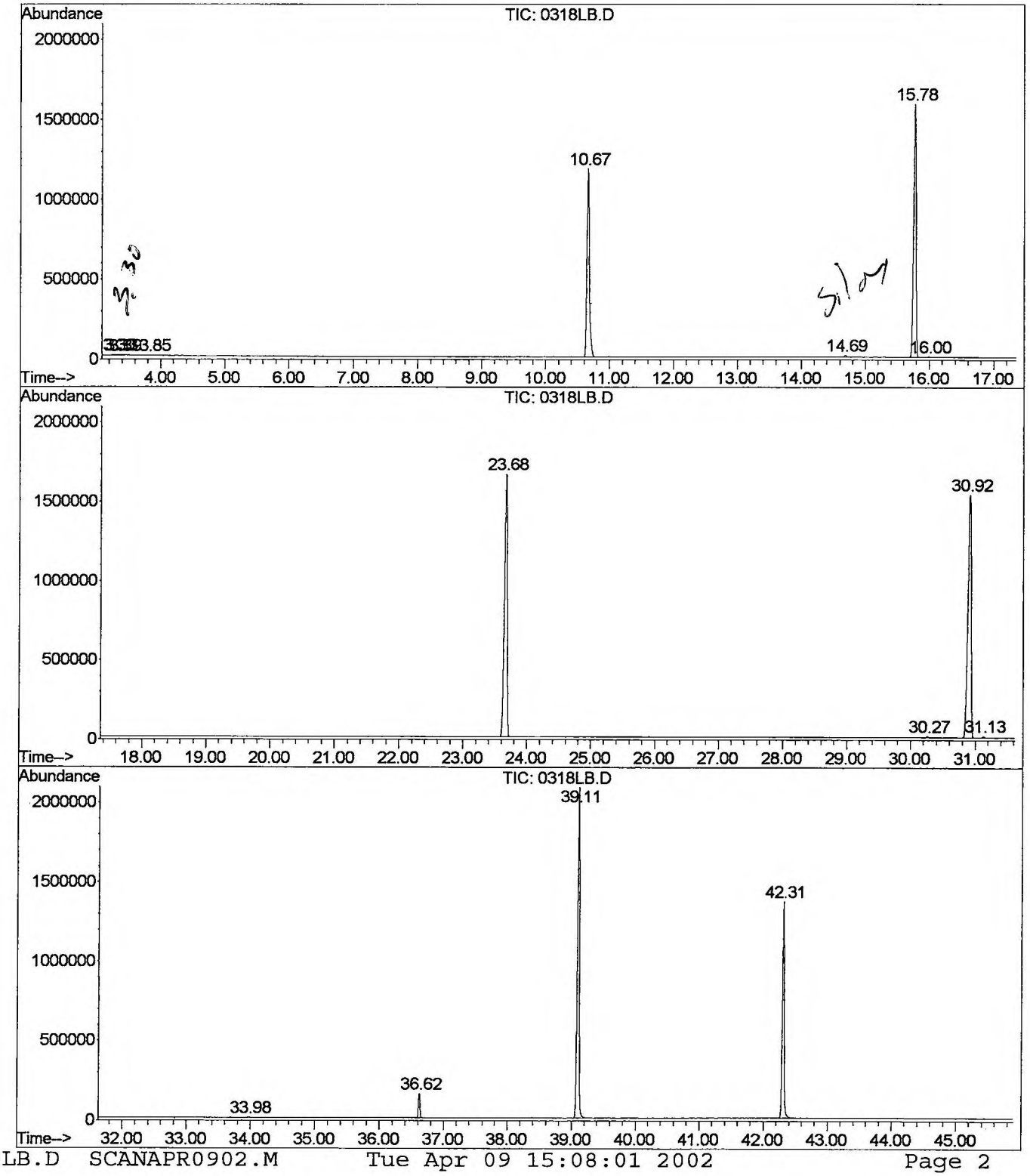
Sum of corrected areas: 243936729

NYC-WTC_000039327

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020408\0318LB.D
Operator : McLean
Acquired : 8 Apr 2002 5:24 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 3/18
Misc Info :
Vial Number: 8
Quant File :SCANAPR0902.RES (Chemstation Integrator)



NYC-WTC_000039328

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\0318LB.D Vial: 8
Acq On : 8 Apr 2002 5:24 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

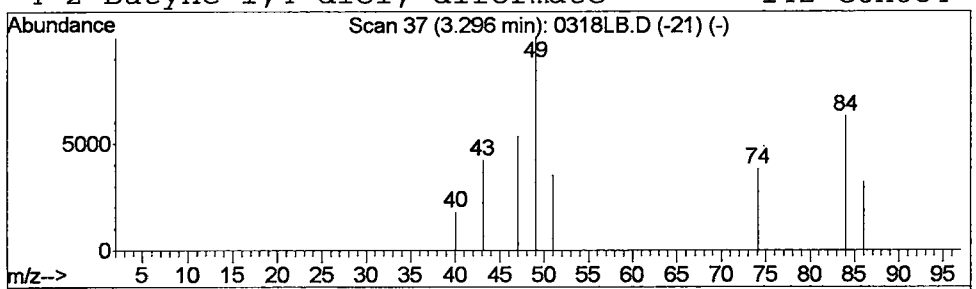
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

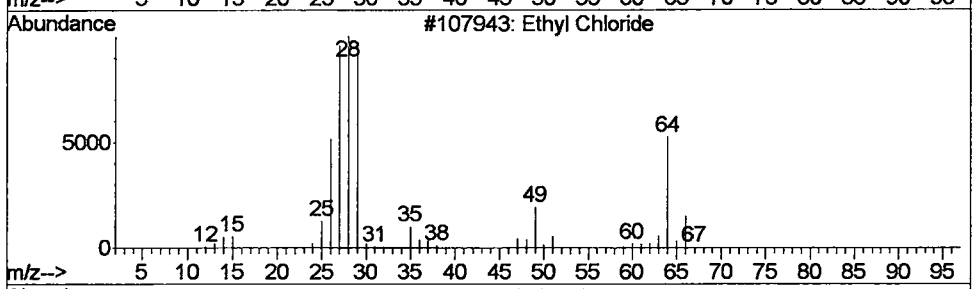
****

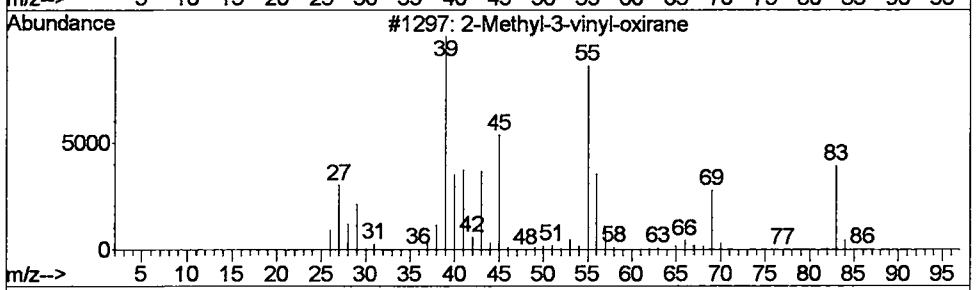
Peak Number 1 Ethyl Chloride Concentration Rank 2

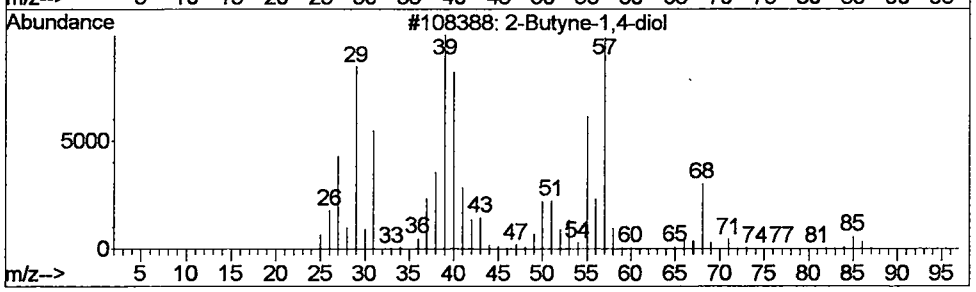
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	0.13 ug/l	202786	1,4-Dichlorobenzene-d4	10.67

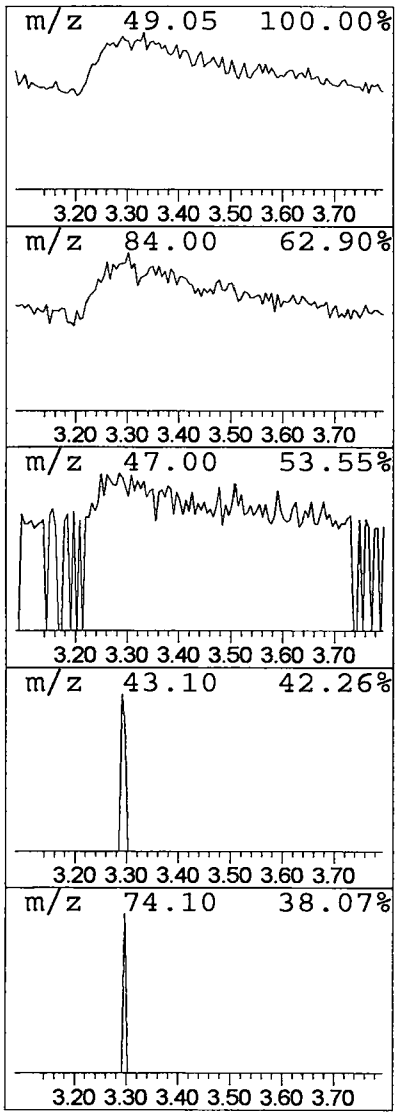
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
2	2-Methyl-3-vinyl-oxirane	84	C5H8O	006790-37-0	1
3	2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	1
4	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	1











Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\0318LB.D Vial: 8
Acq On : 8 Apr 2002 5:24 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

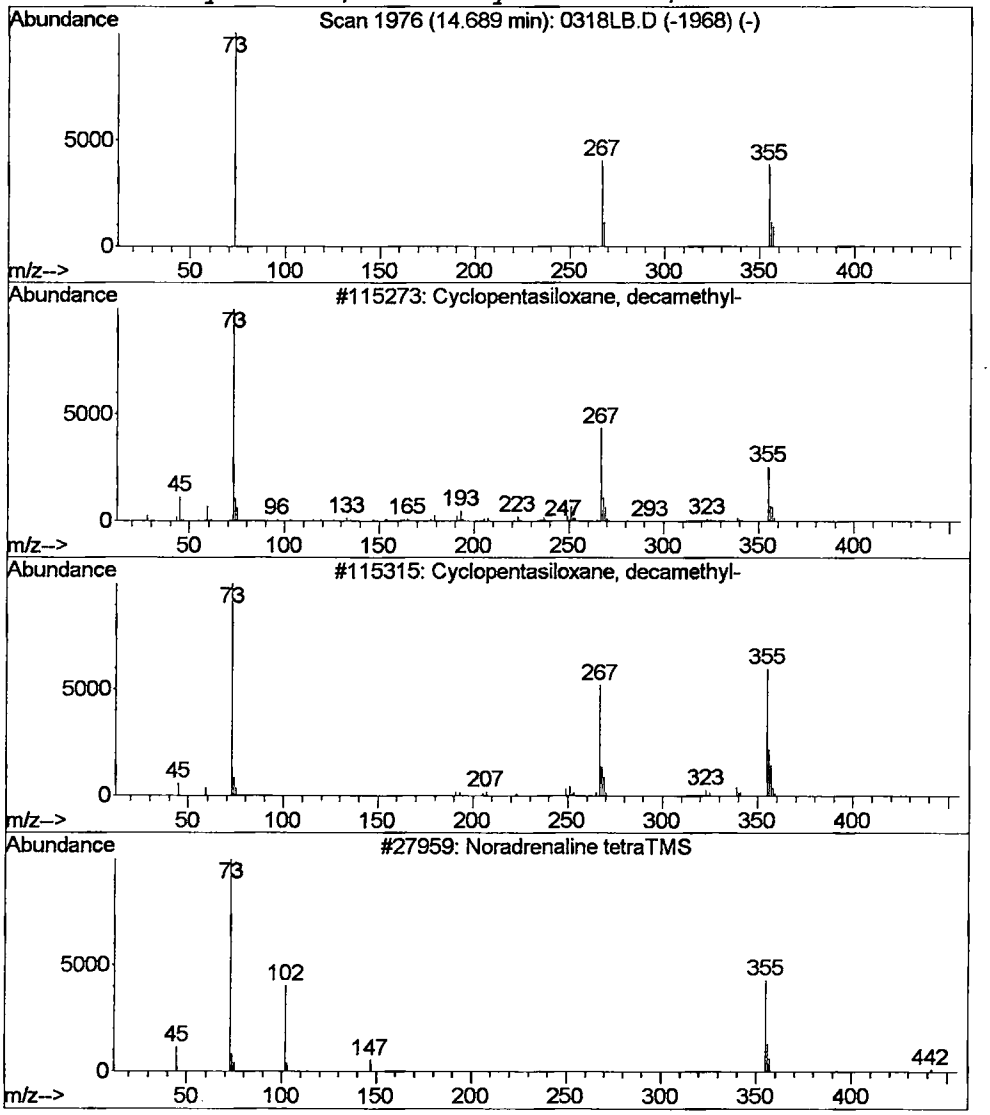
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

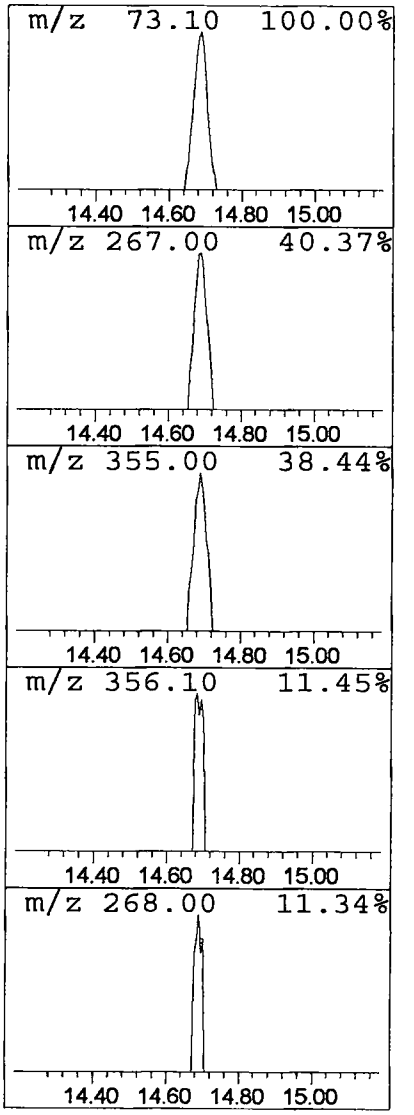
****

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	0.15 ug/l	308457	Naphthalene-d8	15.78

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	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	28
4	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	28





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 8 Apr 2002 5:24 pm
Data File: C:\MSDCHEM\1\DATA\020408\0318LB.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	3.30	0.1	ug/l	202786	1	10.67	31217900	20.0
Cyclopentasiloxan...	14.69	0.1	ug/l	308457	2	15.78	41380500	20.0

NYC-WTC_000039331