NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Acq On : 5 Nov 2001 12:14 pm
Sample : 10/16 lab blk
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 5 13:04 2001

24487-493
24640-642
24694-695

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.72	152	685983	20.00	ug/l	0.00
19) Naphthalene-d8	15.31	136	2676112	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.60	164	1360640	20.00	ug/l	0.00
49) Phenanthrene-d10	25.02	188	2051054	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1379529	20.00	ug/l	0.00
68) Perylene-d12	37.16	264	977102	20.00	ug/l	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
6) 2-Chlorophenol-d4	11.72	132	261	0.01	ug/l	0.48
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.23	152	7796	0.25	ug/l	-0.02
Spiked Amount 50.000			Recovery =	0.50%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.75	172	3136	0.04	ug/l	0.13
Spiked Amount 50.000			Recovery =	0.08%		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
62) Terphenyl-d14	0.00	244	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
8) Phenol	0.00	94	0	N.D.		
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
10) 2-Chlorophenol	0.00	128	0	N.D.		
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) 2-Methylphenol	0.00	108	0	N.D.		
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
16) 3&4-Methylphenol	0.00	108	0	N.D.		
17) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
18) Hexachloroethane	0.00	117	0	N.D.		
21) Nitrobenzene	0.00	77	0	N.D.		
22) Isophorone	0.00	82	0	N.D.		

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

NYC-WTC_000068559

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Acq On : 5 Nov 2001 12:14 pm
Sample : 10/16 lab blk
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 5 13:04 2001

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	2-Nitrophenol	0.00	139	0	N.D.	
24)	2,4-Dimethylphenol	0.00	107	0	N.D.	
25)	bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26)	2,4-Dichlorophenol	0.00	162	0	N.D.	
27)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28)	Naphthalene	0.00	128	0	N.D.	
29)	Hexachlorobutadiene	0.00	225	0	N.D.	
30)	4-Chloro-3-methylphenol	0.00	107	0	N.D.	
34)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
35)	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
36)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
37)	2-Chloronaphthalene	0.00	162	0	N.D.	
38)	Dimethylphthalate	0.00	163	0	N.D.	
39)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
40)	Acenaphthylene	0.00	152	0	N.D.	
41)	Acenaphthene	0.00	153	0	N.D.	
42)	2,4-Dinitrophenol	0.00	184	0	N.D.	
43)	4-Nitrophenol	0.00	65	0	N.D.	
44)	2,4-Dinitrotoluene	20.94	165	210	N.D.	
45)	Diethylphthalate	0.00	149	0	N.D.	
46)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
47)	Fluorene	0.00	166	0	N.D.	
48)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
50)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
52)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
53)	Hexachlorobenzene	0.00	284	0	N.D.	
54)	Pentachlorophenol	0.00	266	0	N.D.	
55)	Phenanthrene	25.03	178	608	N.D.	
56)	Anthracene	25.03	178	608	N.D.	
57)	Di-n-butylphthalate	27.03	149	2886	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
61)	Benzidine	29.21	184	5058	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.07	228	3515	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	1703	N.D.	
67)	Chrysene	33.07	228	3515	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	

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

NYC-WTC_000068560

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D Vial: 2
Acq On : 5 Nov 2001 12:14 pm Operator: 209 GALOS
Sample : 10/16 lab blk Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 5 13:04 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.16	252	3880	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

NYC-WTC_000068561

NYC 9/11 Public Portal Document

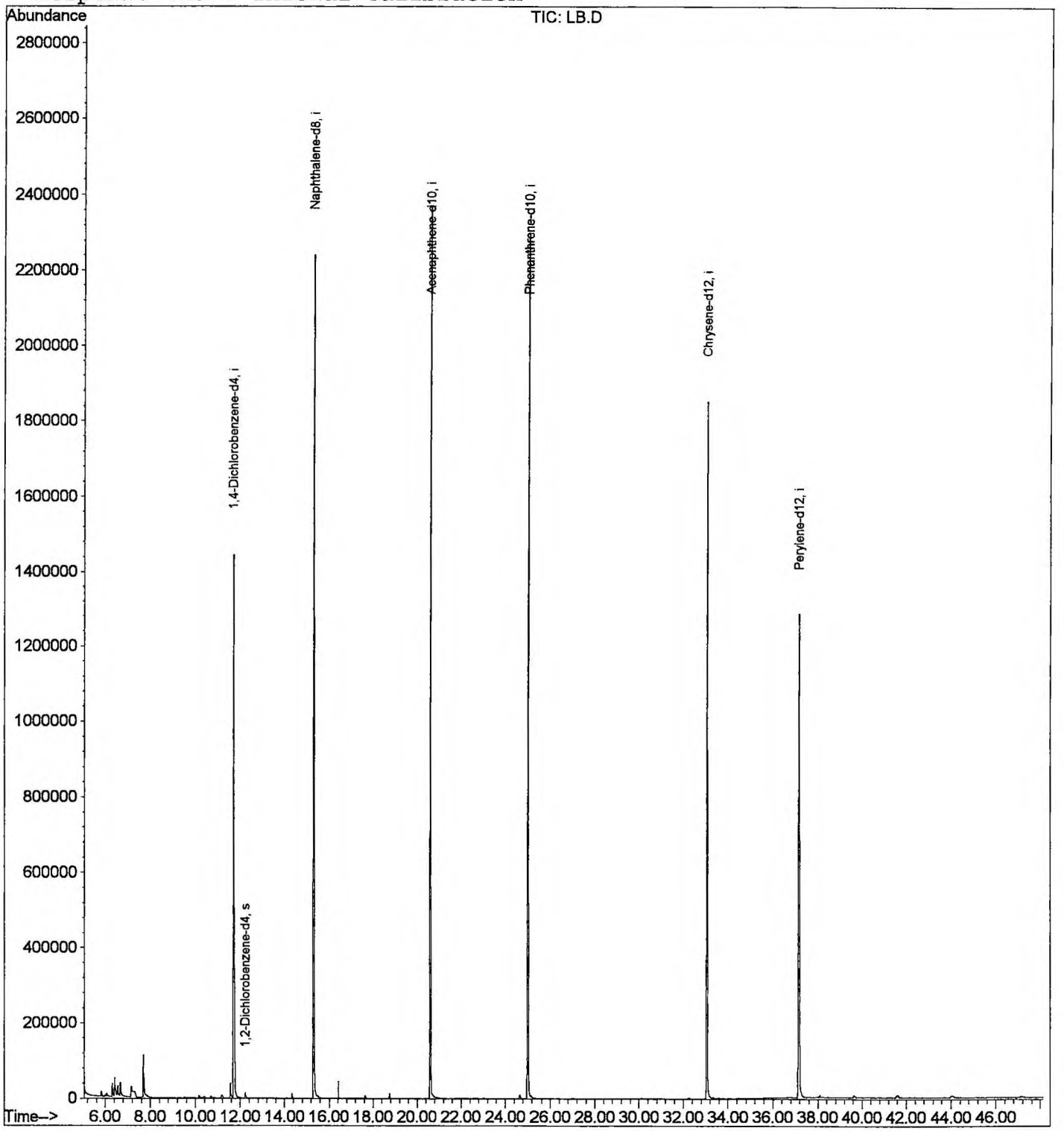
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Acq On : 5 Nov 2001 12:14 pm
Sample : 10/16 lab blk
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 5 13:04 2001

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



NYC-WTC_000068562

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Acq On : 5 Nov 2001 12:14 pm
Sample : 10/16 lab blk
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF
Filtering: 5
Sampling : 1
Min Area: 1 % of largest Peak
Start Thrs: 0.2
Max Peaks: 100
Stop Thrs : 0
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.327	136	140	146	rBV	36513	73597	1.38%	0.266%
2	6.428	148	151	162	rVV2	51741	137218	2.57%	0.495%
3	6.566	162	166	174	rVV	27228	64622	1.21%	0.233%
4	6.676	174	178	187	rVB	35201	79598	1.49%	0.287%
5	7.163	226	231	238	rBV	29121	106309	1.99%	0.384%
6	7.695	285	289	302	rBV	113104	276079	5.17%	0.996%
7	11.569	707	711	721	rBV	38827	94581	1.77%	0.341%
8	11.707	721	726	745	rBV	1443665	3570649	66.81%	12.881%
9	15.315	1113	1119	1135	rBV	2240163	4865902	91.04%	17.554%
10	20.603	1688	1695	1713	rBV	2371488	5344729	100.00%	19.282%
11	25.028	2170	2177	2189	rBV2	2283371	5204599	97.38%	18.776%
12	33.060	3045	3052	3073	rBV2	1850048	4356350	81.51%	15.716%
13	37.164	3491	3499	3519	rBV2	1281571	3545228	66.33%	12.790%

Sum of corrected areas: 27719461

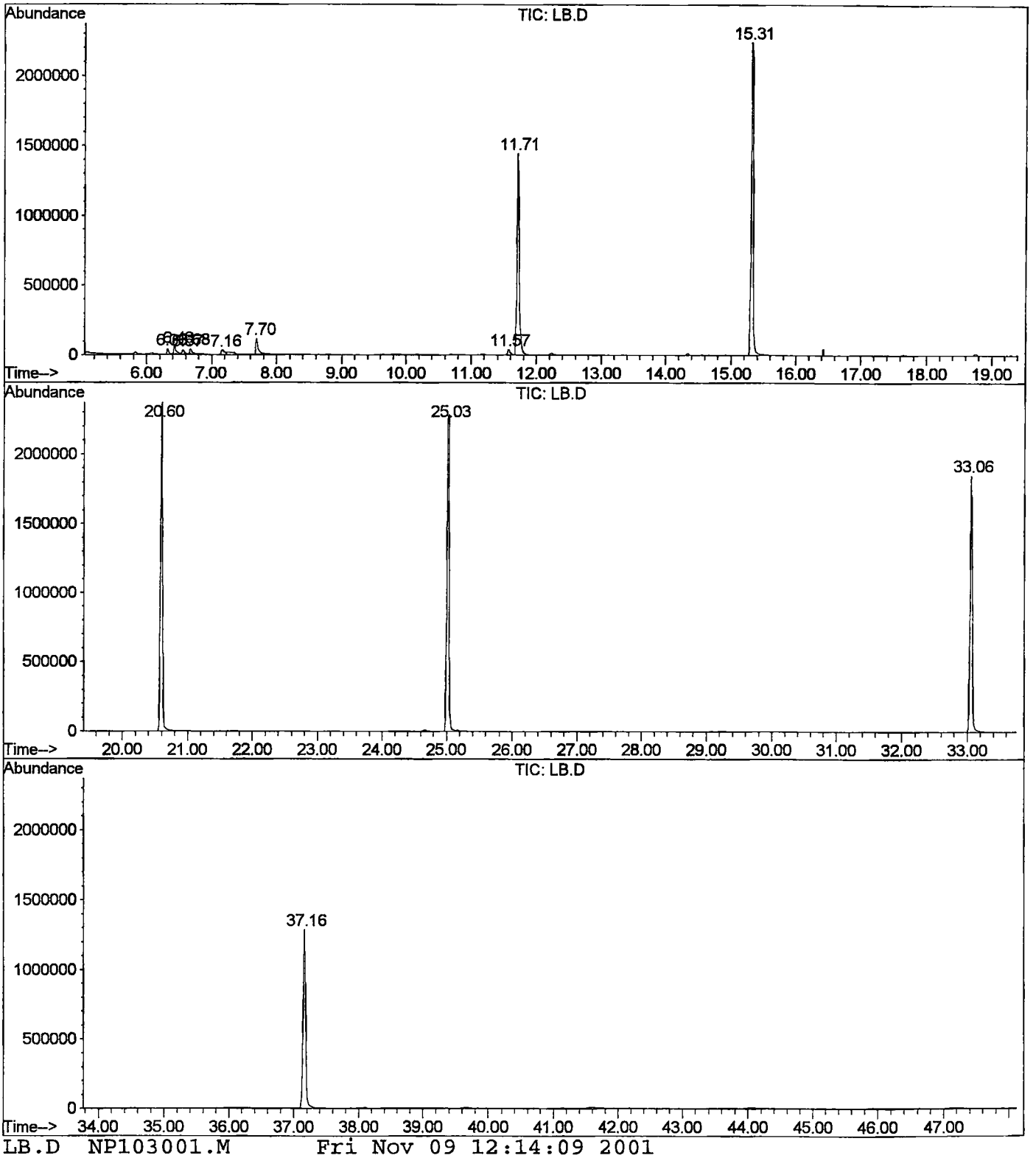
LB.D NP103001.M Fri Nov 09 12:14:06 2001

NYC-WTC_000068563

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Operator : 209 GALOS
Acquired : 5 Nov 2001 12:14 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 10/16 lab blk
Misc Info :
Vial Number: 2
Quant File :NP103001.RES (RTE Integrator)



LB.D NP103001.M Fri Nov 09 12:14:09 2001

NYC-WTC_000068564

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Acq On : 5 Nov 2001 12:14 pm
Sample : 10/16 lab blk
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

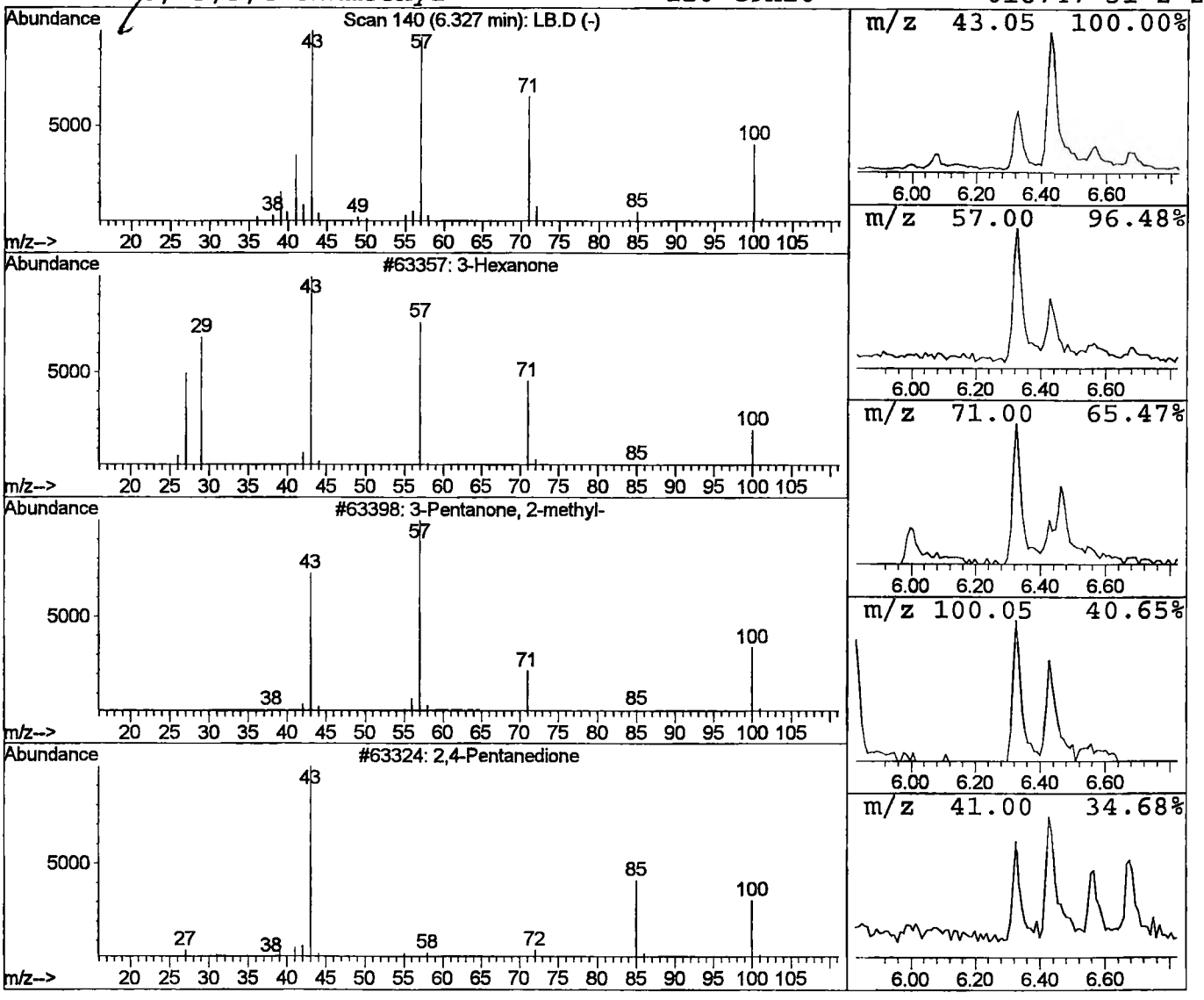
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	0.41 ug/l	73597	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	59
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	42
3	2,4-Pentanedione	100	C5H8O2	000123-54-6	35
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	28



NYC-WTC_000068565

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Acq On : 5 Nov 2001 12:14 pm
Sample : 10/16 lab blk
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

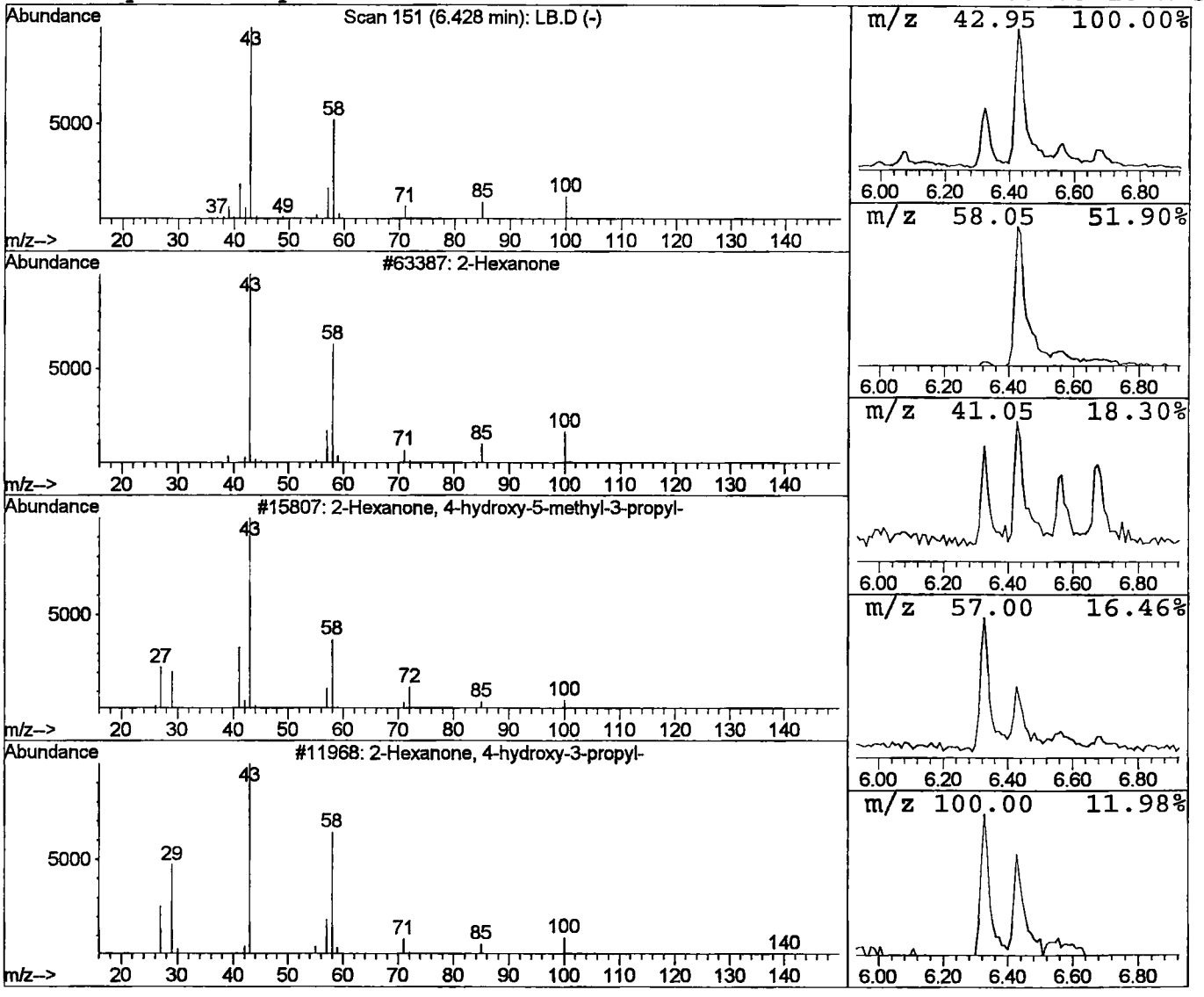
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	0.77 ug/l	137218	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	83
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	72
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



NYC-WTC_000068566

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Acq On : 5 Nov 2001 12:14 pm
Sample : 10/16 lab blk
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

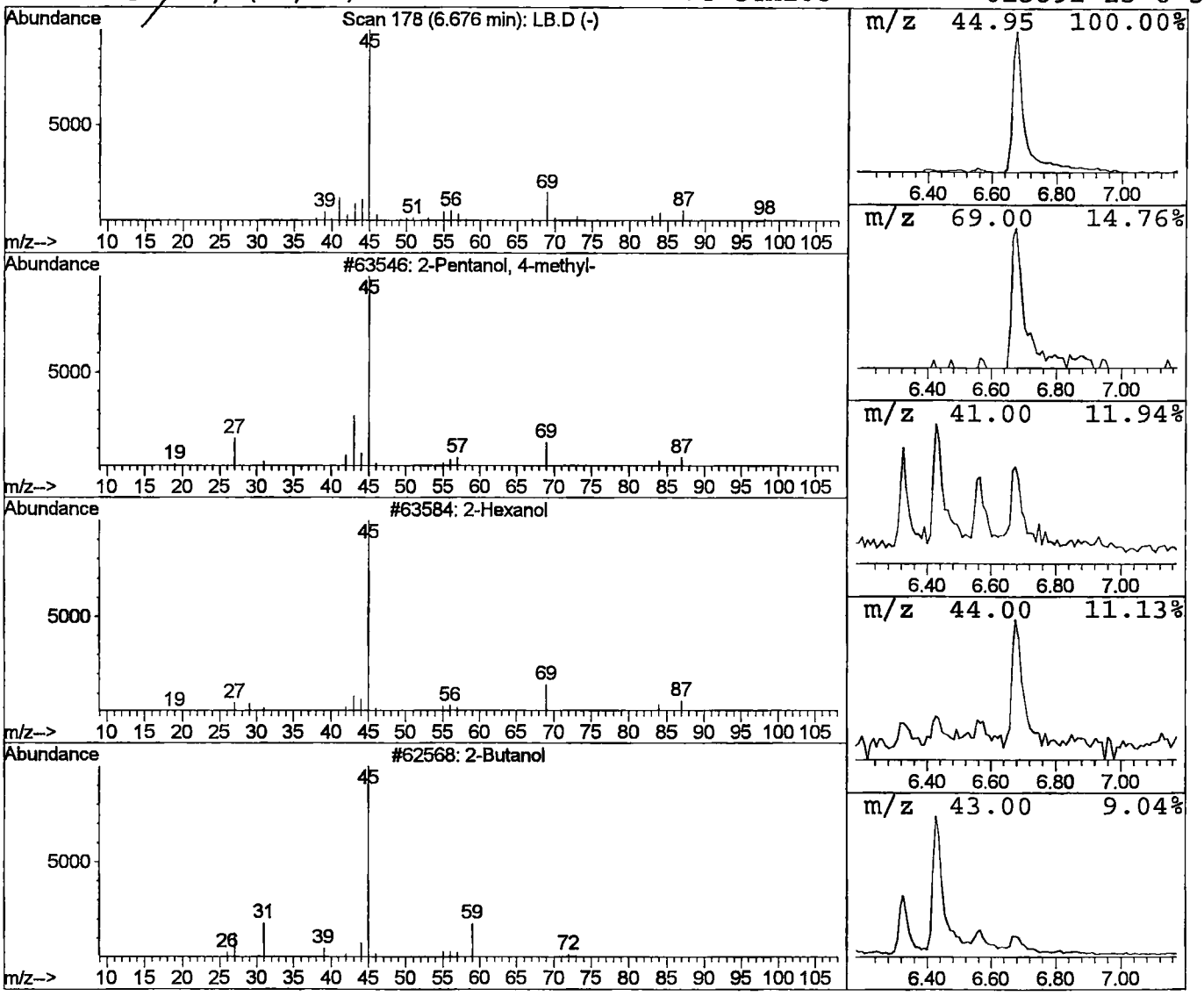
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanol, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	0.45 ug/l	79598	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Butanol	74	C4H10O	000078-92-2	56
4	2-Butanol, (.+/-.)-	74	C4H10O	015892-23-6	50



NYC-WTC_000068567

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Acq On : 5 Nov 2001 12:14 pm
Sample : 10/16 lab blk
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

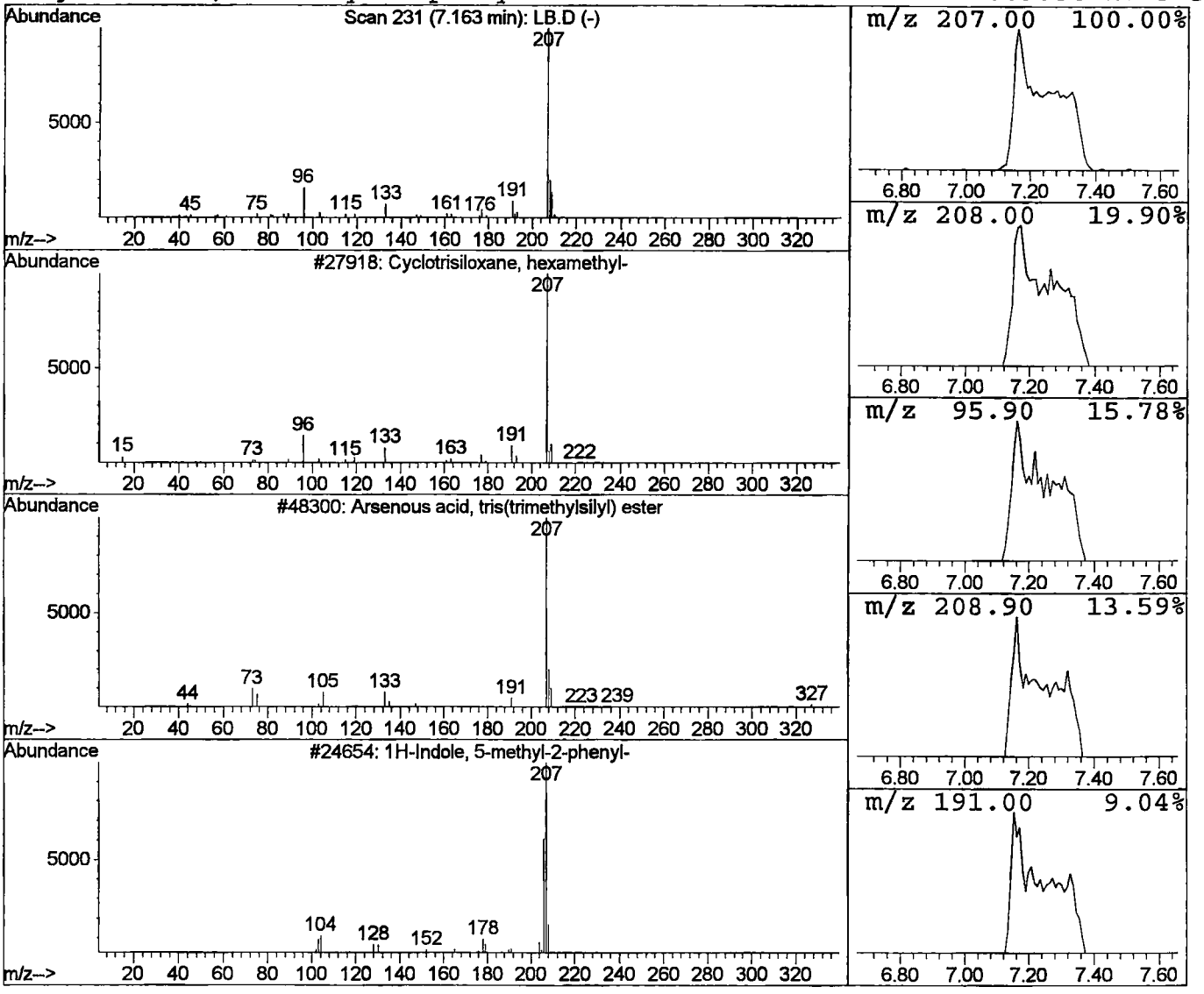
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	0.60 ug/l	106309	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	80
2	Arsenous acid, tris(trimethylsilyl)	342	C9H27AsO3Si3	055429-29-3	50
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	38
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38



NYC-WTC_000068568

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Acq On : 5 Nov 2001 12:14 pm
Sample : 10/16 lab blk
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

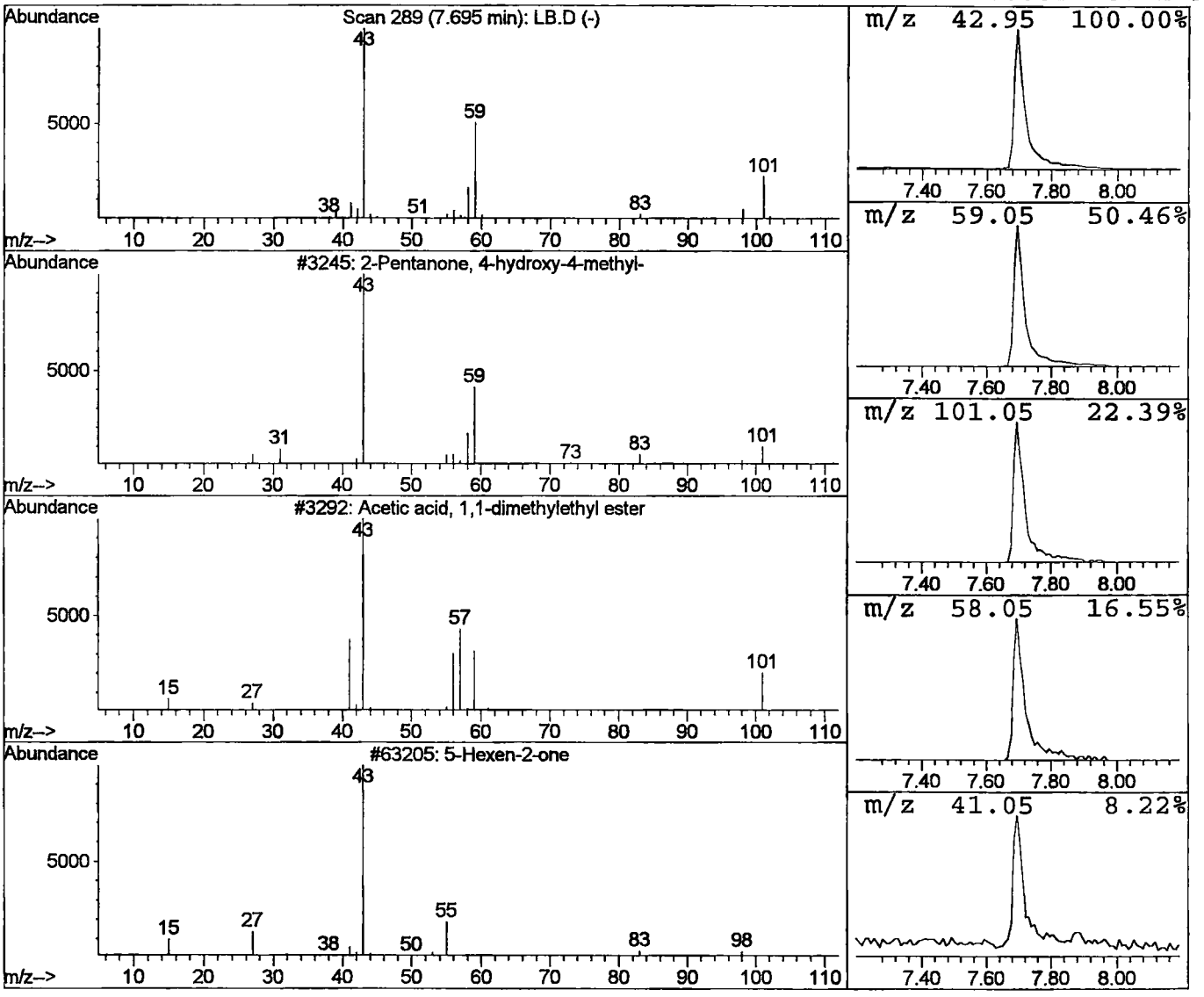
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	1.55 ug/l	276079	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetone	58	C3H6O	000067-64-1	9



NYC-WTC_000068569

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\LB.D
Acq On : 5 Nov 2001 12:14 pm
Sample : 10/16 lab blk
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

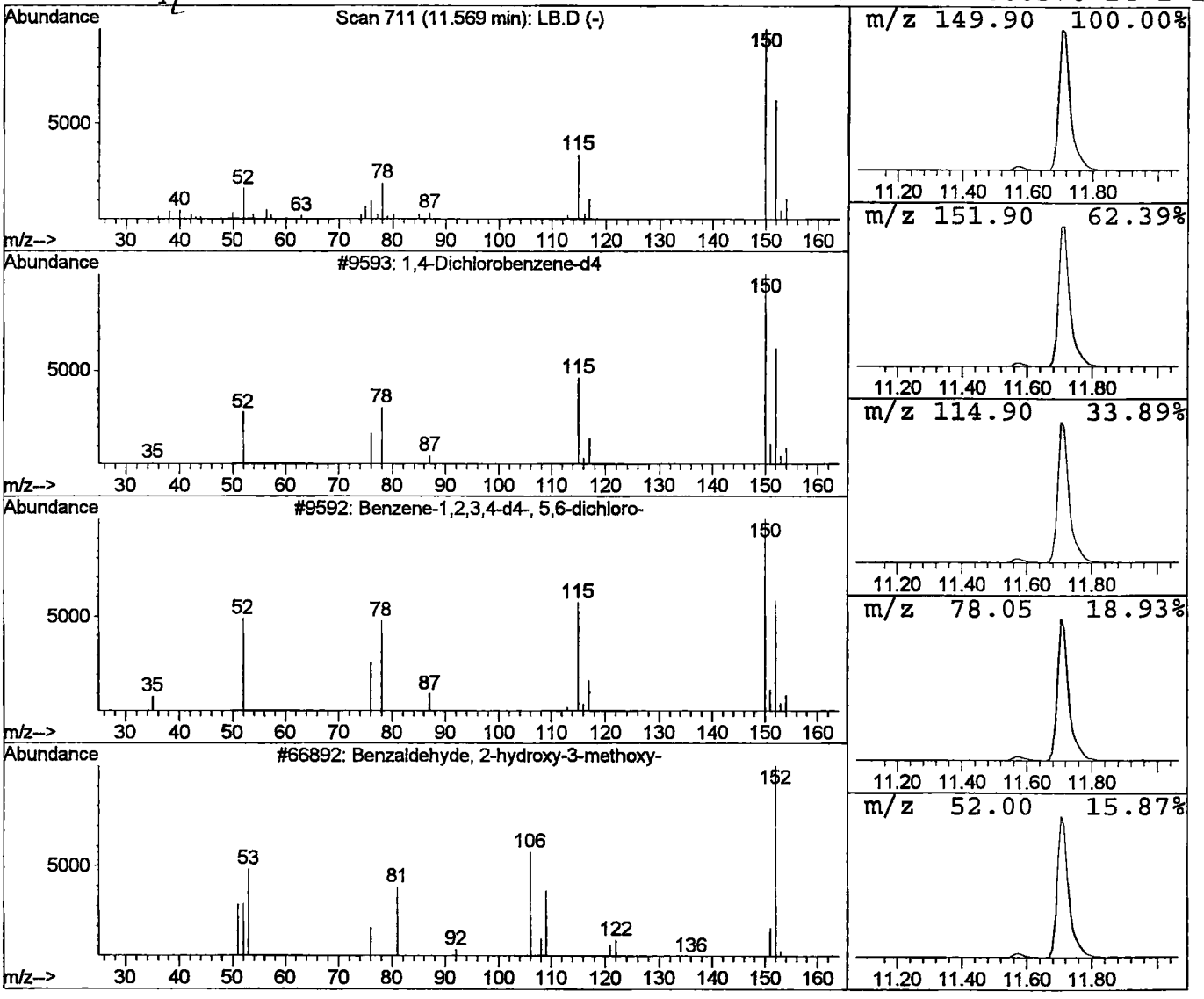
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1,4-Dichlorobenzene-d4 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.53 ug/l	94581	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	53
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	35
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10



NYC-WTC_000068570

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Nov 2001 12:14 pm
Data File: C:\HPCHEM\1\DATA\NOV0501\LB.D
Name: 10/16 lab blk
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Hexanone	6.33	0.4	ug/l	73597	ISTD01	11.72	3570650	20.0
2-Hexanone	6.43	0.8	ug/l	137218	ISTD01	11.72	3570650	20.0
2-Pentanol, 4-methyl	6.68	0.4	ug/l	79598	ISTD01	11.72	3570650	20.0
Cyclotrisiloxane, he	7.16	0.6	ug/l	106309	ISTD01	11.72	3570650	20.0
2-Pentanone, 4-hydro	7.70	1.5	ug/l	276079	ISTD01	11.72	3570650	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	94581	ISTD01	11.72	3570650	20.0

LB.D NP103001.M Fri Nov 09 12:14:21 2001