Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\LBA.D Vial: 11
Acq On : 17 Oct 2001 11:05 pm 23914-15 Operator: 209 GALOS
Sample : lab blk 10/4 23947-48 Inst : GC/MS 209
Misc : 23993-94 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 25 12:19 2001 Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.76	152	375239	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1464001	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	688282	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.08	188	1001764	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	722389	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	526911	20.00	ug/l	-0.19
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	0.00	132	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
7) 1,2-Dichlorobenzene-d4	12.28	152	4008	0.22	ug/l	-0.15
Spiked Amount 50.000			Recovery =	0.44%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.81	172	1304	0.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	0.06%		
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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\LBA.D Vial: 11
Acq On : 17 Oct 2001 11:05 pm Operator: 209 GALOS
Sample : lab blk 10/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 25 12:19 2001 Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

	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.	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	0.00	165	0	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	25.09	178	205	N.D.	
56)	Anthracene	25.09	178	205	N.D.	
57)	Di-n-butylphthalate	27.09	149	911	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.12	228	1605	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.38	149	553	N.D.	
67)	Chrysene	33.12	228	1605	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\LBA.D Vial: 11
Acq On : 17 Oct 2001 11:05 pm Operator: 209 GALOS
Sample : lab blk 10/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 25 12:19 2001 Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.23	252	1848	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

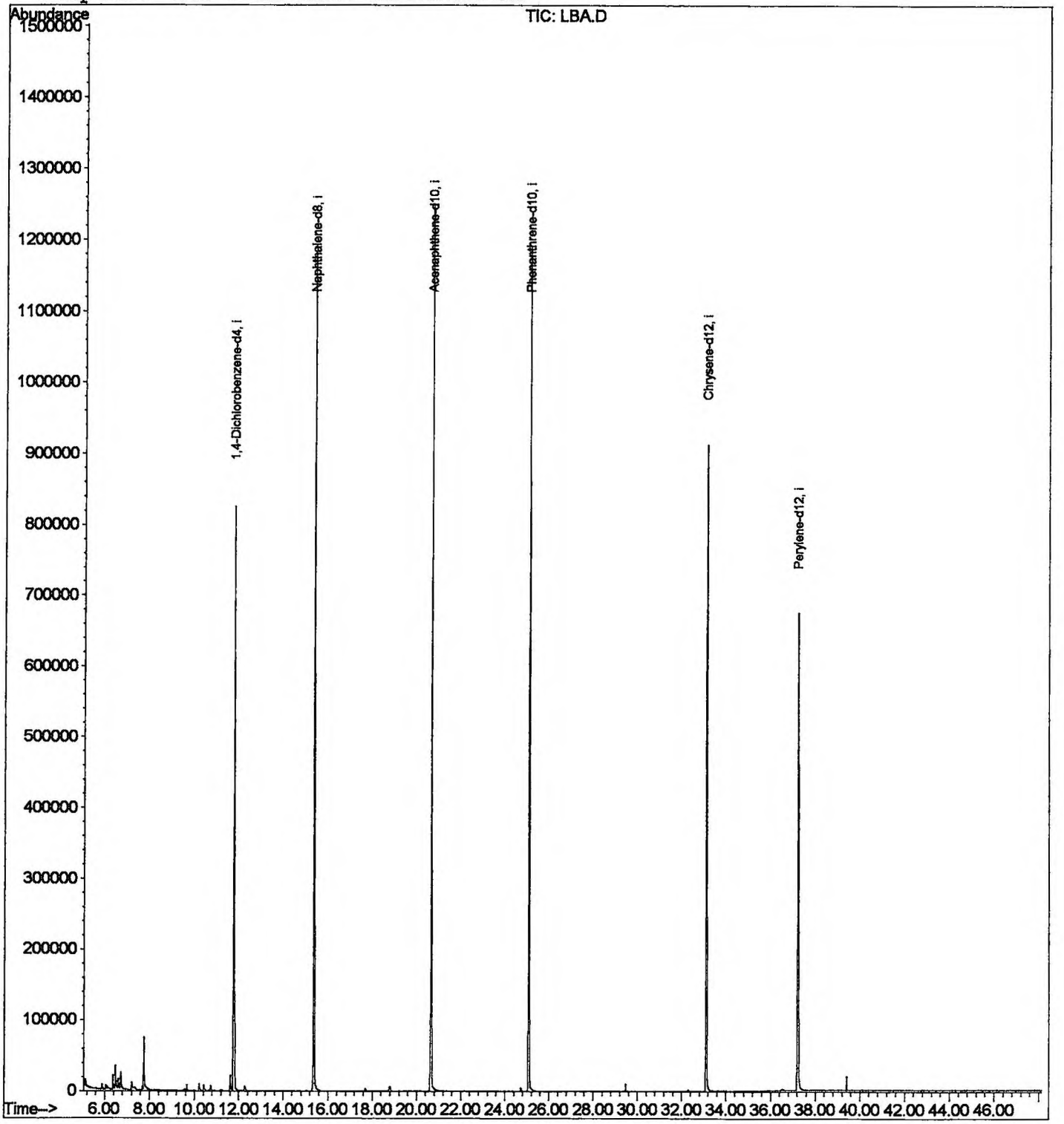
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1701\LBA.D
Acq On : 17 Oct 2001 11:05 pm
Sample : lab blk 10/4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 25 12:19 2001

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP091101.RES

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1701\LBA.D Vial: 11
Acq On : 17 Oct 2001 11:05 pm Operator: 209 GALOS
Sample : lab blk 10/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
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

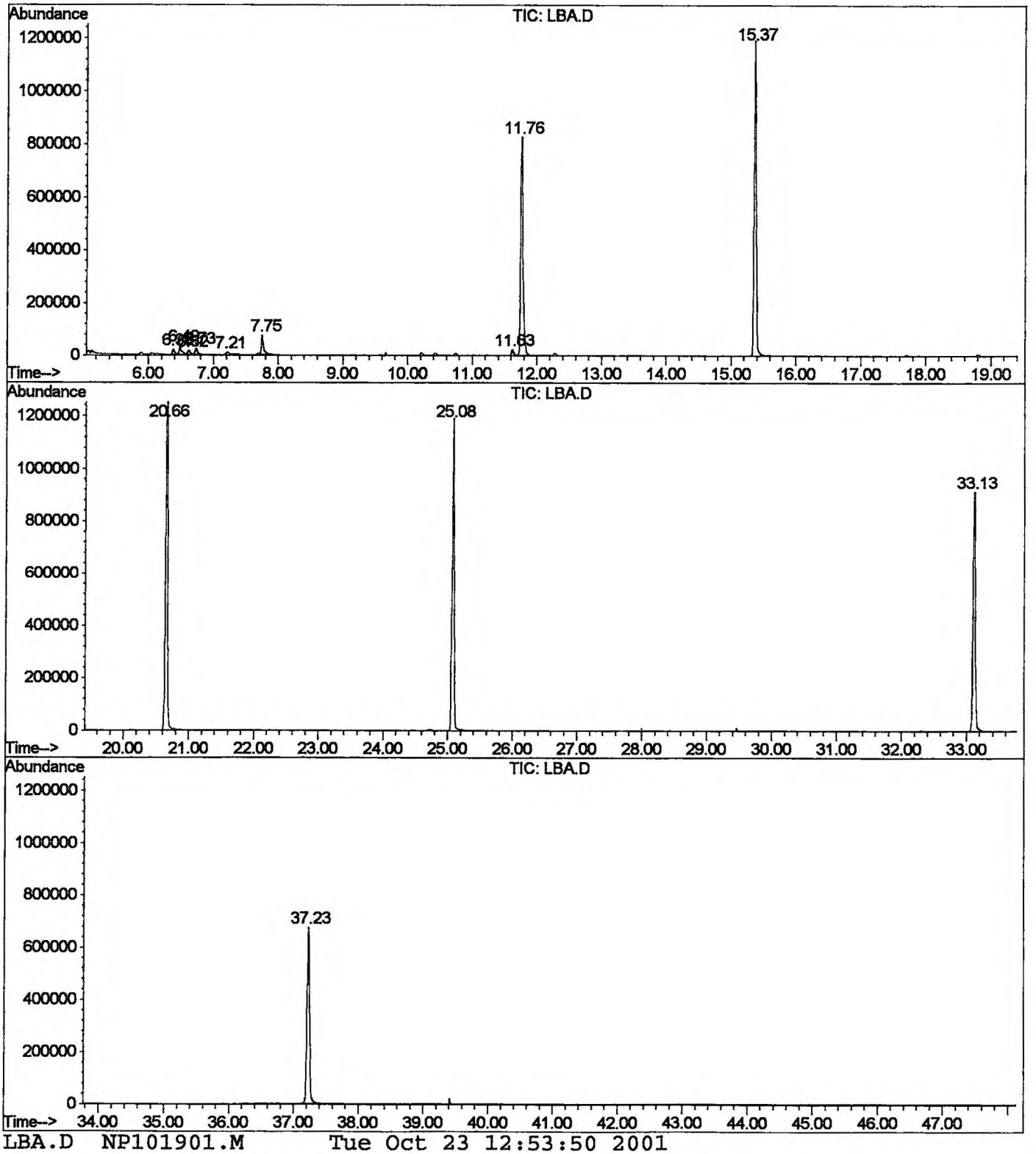
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.384	142	146	152	rBV	20417	41552	1.51%	0.286%
2	6.485	153	157	169	rVV	34368	87682	3.18%	0.603%
3	6.623	169	172	178	rVV2	14665	34260	1.24%	0.236%
4	6.733	181	184	193	rVB	23611	49181	1.78%	0.338%
5	7.211	230	236	242	rBV2	10827	30584	1.11%	0.210%
6	7.752	291	295	311	rBV	73358	176793	6.41%	1.215%
7	11.626	712	717	726	rBV	22160	51361	1.86%	0.353%
8	11.764	726	732	754	rBV	826995	1984187	71.92%	13.640%
9	15.372	1119	1125	1144	rBV	1193392	2680317	97.16%	18.426%
10	20.660	1694	1701	1720	rBV	1251194	2758715	100.00%	18.965%
11	25.085	2176	2183	2196	rBV	1191487	2535841	91.92%	17.433%
12	33.127	3051	3059	3080	rBV2	912442	2220225	80.48%	15.263%
13	37.230	3499	3506	3521	rBV2	673539	1895738	68.72%	13.032%

Sum of corrected areas: 14546436

LBA.D NP101901.M Tue Oct 23 12:53:48 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1701\LBA.D
Operator : 209 GALOS
Acquired : 17 Oct 2001 11:05 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: lab blk 10/4
Misc Info :
Vial Number: 11
Quant File :NP091101.RES (RTE Integrator)



LBA.D NP101901.M Tue Oct 23 12:53:50 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\LBA.D
Acq On : 17 Oct 2001 11:05 pm
Sample : lab blk 10/4
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

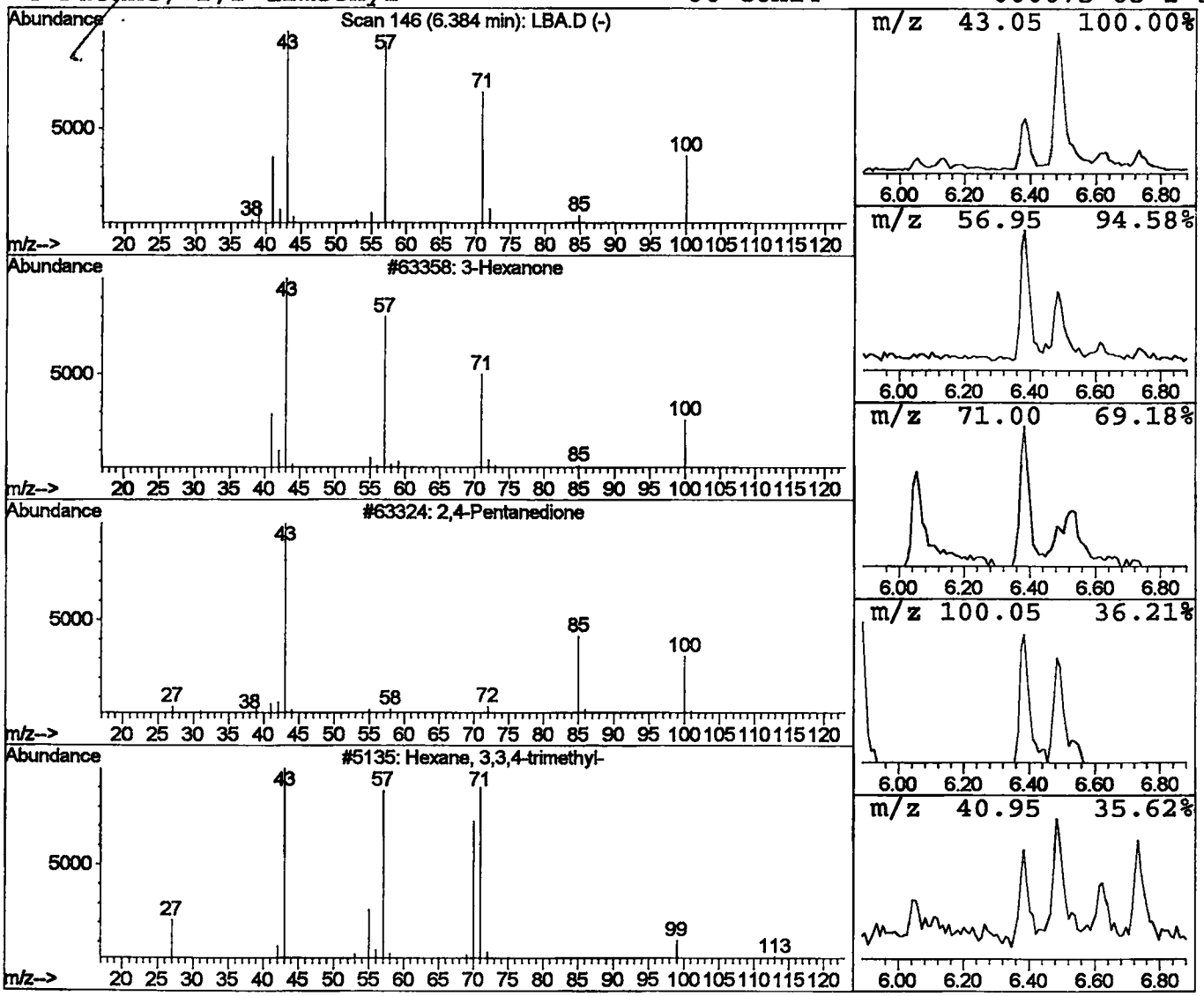
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.42 ug/l	41552	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	83
2	2,4-Pentanedione	100	C5H8O2	000123-54-6	38
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	36
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	36



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\LBA.D
Acq On : 17 Oct 2001 11:05 pm
Sample : lab blk 10/4
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

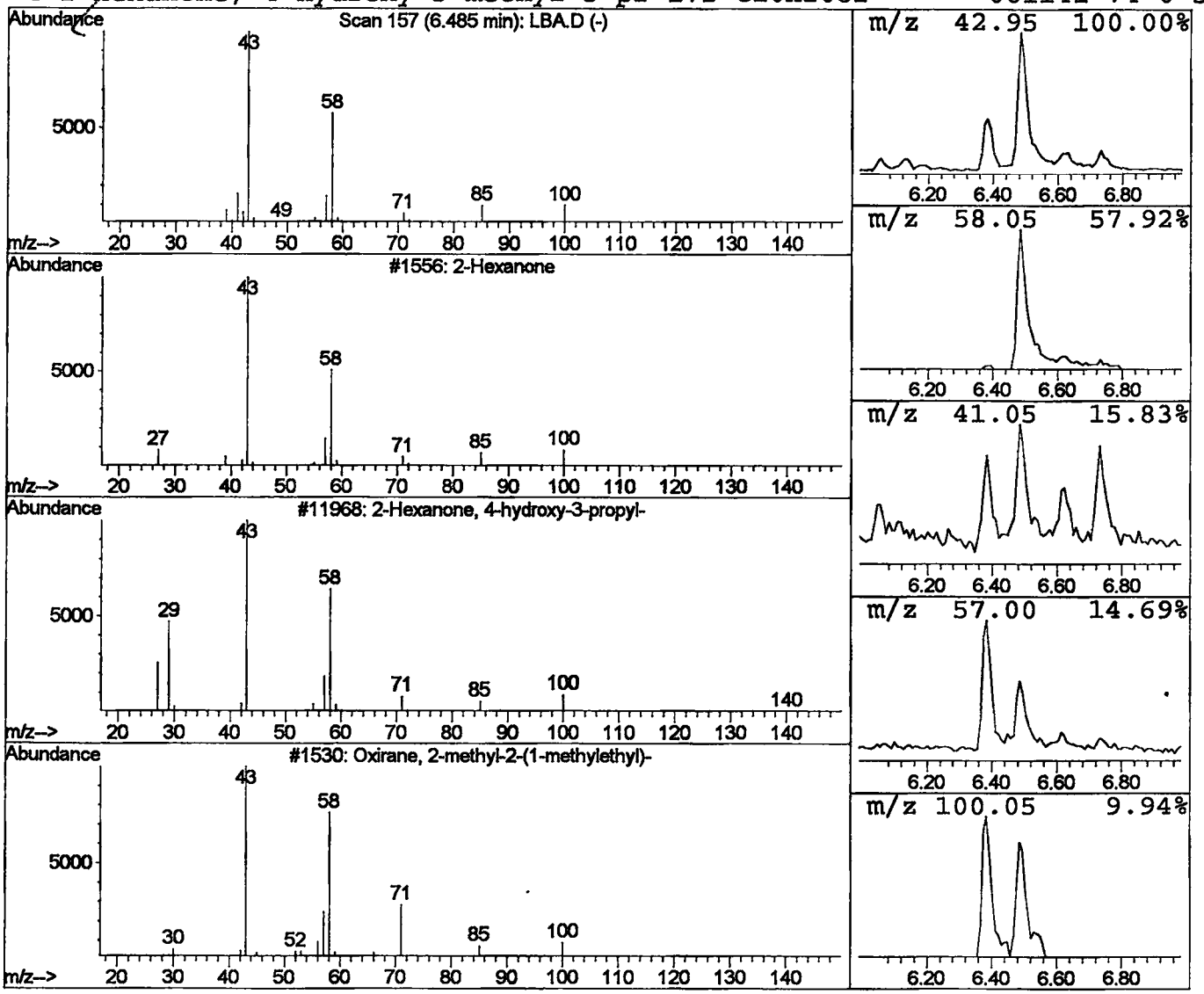
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	0.88 ug/l	87682	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
3	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	64
4	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\LBA.D
Acq On : 17 Oct 2001 11:05 pm
Sample : lab blk 10/4
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

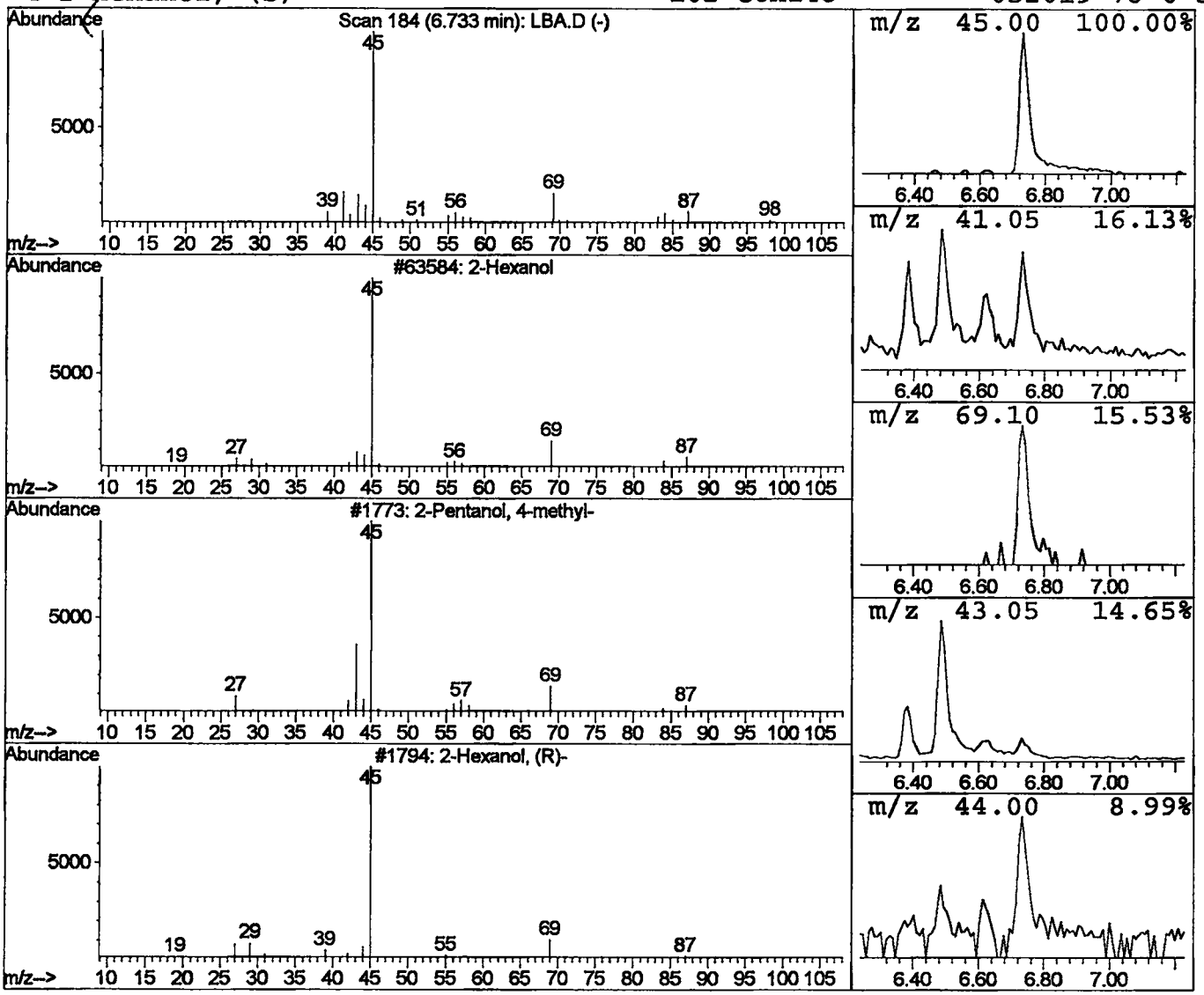
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.50 ug/l	49181	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	78
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
3	2-Hexanol, (R)-	102	C6H14O	026549-24-6	56
4	2-Hexanol, (S)-	102	C6H14O	052019-78-0	56



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\LBA.D
Acq On : 17 Oct 2001 11:05 pm
Sample : lab blk 10/4
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

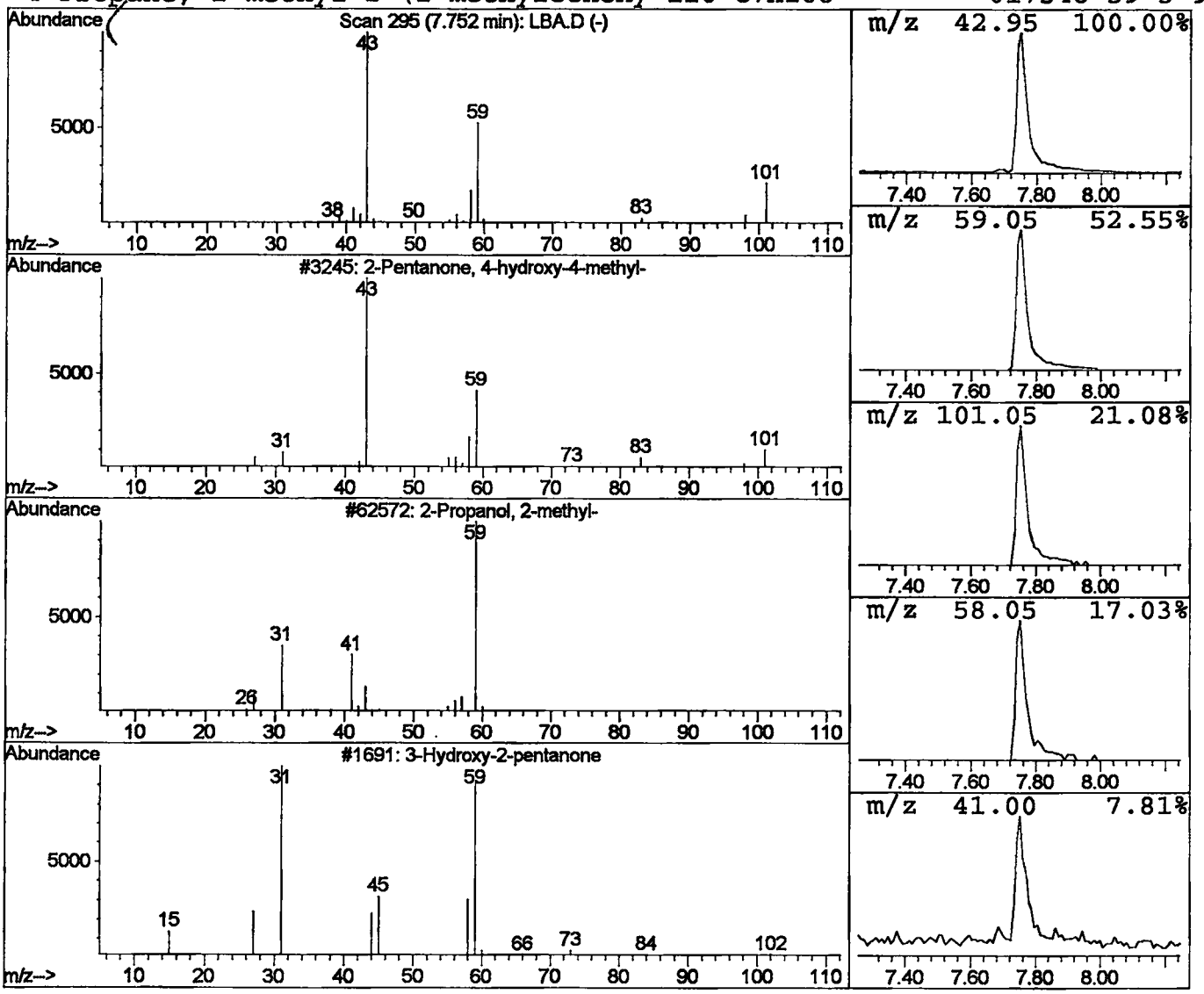
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	1.78 ug/l	176793	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Propane, 2-methyl-2-(1-methylethoxy	116	C7H16O	017348-59-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\LBA.D
Acq On : 17 Oct 2001 11:05 pm
Sample : lab blk 10/4
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

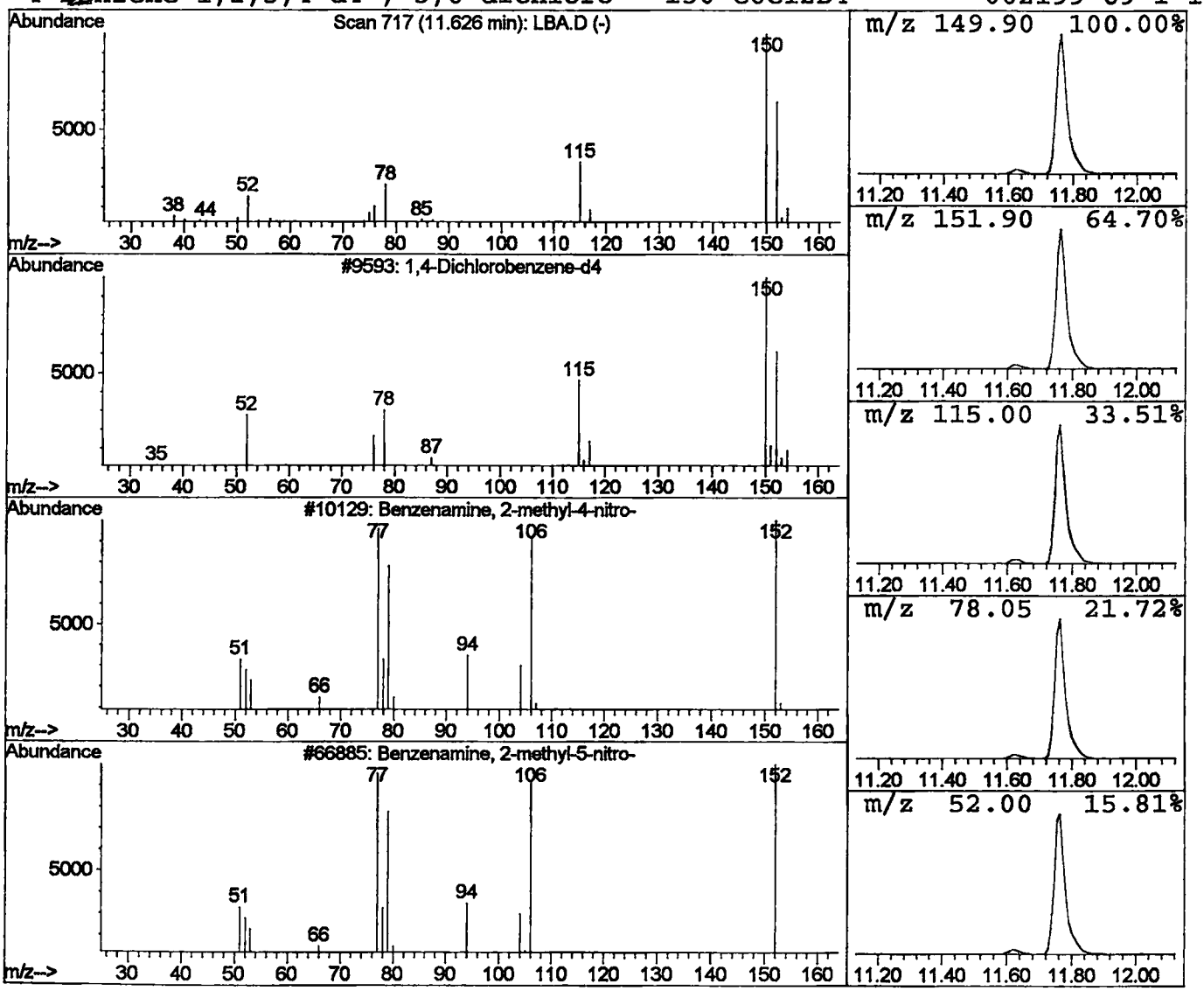
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	0.52 ug/l	51361	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	50
2	Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	27
3	Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	22
4	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	16



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Oct 2001 11:05 pm
Data File: C:\HPCHEM\1\DATA\OCT1701\LBA.D
Name: lab blk 10/4
Misc:
Method: C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title: 209 625/TCLP calibration table 7/16/01
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Hexanone	6.38	0.4	ug/l	41552	ISTD01	11.76	1984190	20.0
2-Hexanone	6.49	0.9	ug/l	87682	ISTD01	11.76	1984190	20.0
2-Hexanol	6.73	0.5	ug/l	49181	ISTD01	11.76	1984190	20.0
2-Pentanone, 4-hydro	7.75	1.8	ug/l	176793	ISTD01	11.76	1984190	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	51361	ISTD01	11.76	1984190	20.0

LBA.D NP101901.M Tue Oct 23 12:54:03 2001