Quantitation Report (QT Reviewed)

Data File : M:\INSTRU~1\209\DATA\OCT1801\LB.D
Acq On : 18 Oct 2001 5:09 pm
Sample : lab blk 10/15
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 19 9:49 2001

24333
24482-6

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

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

injected at other times that samples were received

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.77	152	364582	20.00 ug/l	-0.14
19) Naphthalene-d8	15.37	136	1432838	20.00 ug/l	-0.15
31) Acenaphthene-d10	20.66	164	675108	20.00 ug/l	-0.15
49) Phenanthrene-d10	25.09	188	970393	20.00 ug/l	-0.15
59) Chrysene-d12	33.12	240	727492	20.00 ug/l	-0.16
68) Perylene-d12	37.23	264	524790	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	3766	0.21 ug/l	-0.15
Spiked Amount 50.000			Recovery =	0.42%	
20) Nitrobenzene-d5	0.00	82	0	0.00 ug/l	
Spiked Amount 50.000			Recovery =	0.00%	
32) 2-Fluorobiphenyl	18.80	172	1419	0.03 ug/l	-0.01
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 : M:\INSTRU~1\209\DATA\OCT1801\LB.D Vial: 2
Acq On : 18 Oct 2001 5:09 pm Operator: 209 GALOS
Sample : lab blk 10/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 19 9:49 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	22.18	149	266	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	309	N.D.	
56)	Anthracene	25.09	178	309	N.D.	
57)	Di-n-butylphthalate	27.09	149	1868	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	1646	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.40	149	1627	N.D.	
67)	Chrysene	33.12	228	1646	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 : M:\INSTRU~1\209\DATA\OCT1801\LB.D Vial: 2
Acq On : 18 Oct 2001 5:09 pm Operator: 209 GALOS
Sample : lab blk 10/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 19 9:49 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	37.22	252	2009	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

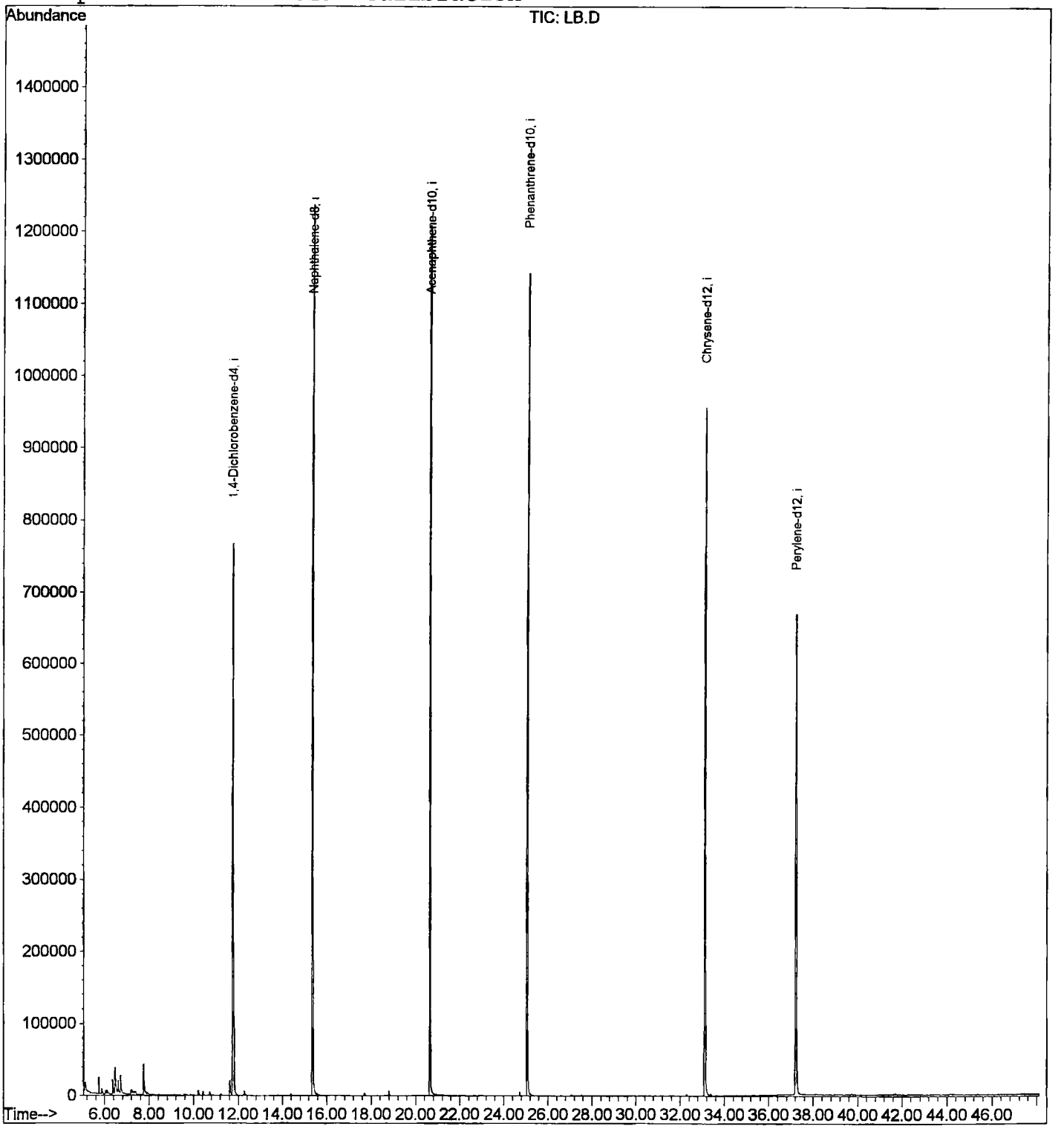
Quantitation Report

Data File : M:\INSTRU~1\209\DATA\OCT1801\LB.D
Acq On : 18 Oct 2001 5:09 pm
Sample : lab blk 10/15
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 19 9:49 2001

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

Quant Results File: NP091101.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



LSC Area Percent Report

Data File : M:\INSTRU~1\209\DATA\OCT1801\LB.D Vial: 2
Acq On : 18 Oct 2001 5:09 pm Operator: 209 GALOS
Sample : lab blk 10/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

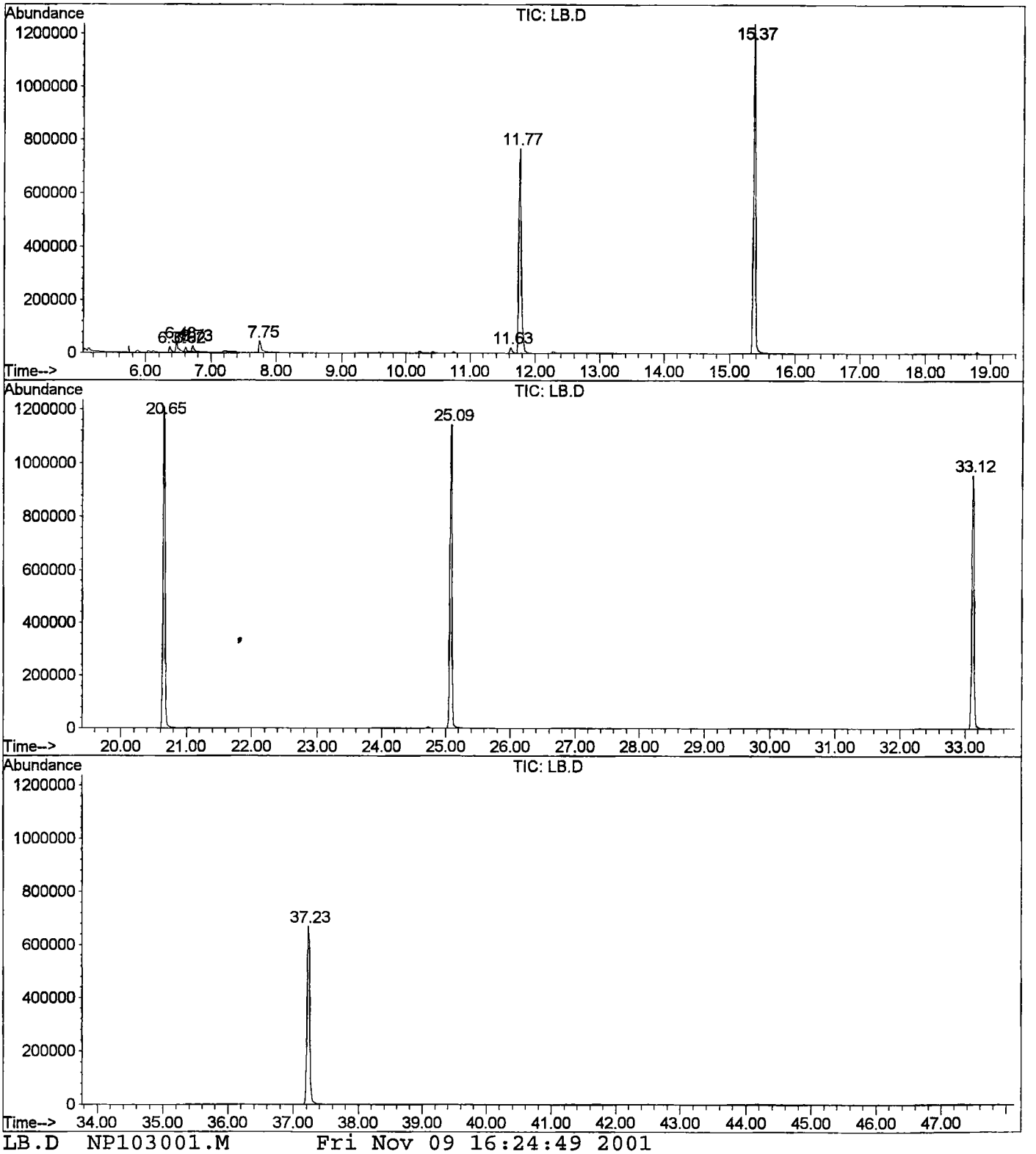
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.368	140	145	151	rBV	21084	45805	1.70%	0.319%
2	6.479	151	157	168	rVV	36844	103630	3.86%	0.721%
3	6.616	168	172	180	rVV	18519	45594	1.70%	0.317%
4	6.726	180	184	194	rVB	24905	57269	2.13%	0.399%
5	7.745	292	295	306	rBV	42582	110640	4.12%	0.770%
6	11.629	713	718	727	rBV2	21420	49498	1.84%	0.344%
7	11.766	727	733	748	rBV	766888	1945548	72.41%	13.539%
8	15.374	1120	1126	1143	rBV	1237068	2632307	97.97%	18.318%
9	20.653	1695	1701	1712	rBV	1208826	2686735	100.00%	18.697%
10	25.087	2177	2184	2195	rBV2	1142469	2515841	93.64%	17.507%
11	33.120	3052	3059	3082	rBV2	955535	2261711	84.18%	15.739%
12	37.233	3496	3507	3522	rBV2	667298	1915630	71.30%	13.331%

Sum of corrected areas: 14370208

LB.D NP103001.M Fri Nov 09 16:24:46 2001

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\OCT1801\LB.D
Operator : 209 GALOS
Acquired : 18 Oct 2001 5:09 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: lab blk 10/15
Misc Info :
Vial Number: 2
Quant File :NP091101.RES (RTE Integrator)



LB.D NP103001.M Fri Nov 09 16:24:49 2001

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\OCT1801\LB.D
Acq On : 18 Oct 2001 5:09 pm
Sample : lab blk 10/15
Misc :
MS Integration Params: LSCINT.P

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

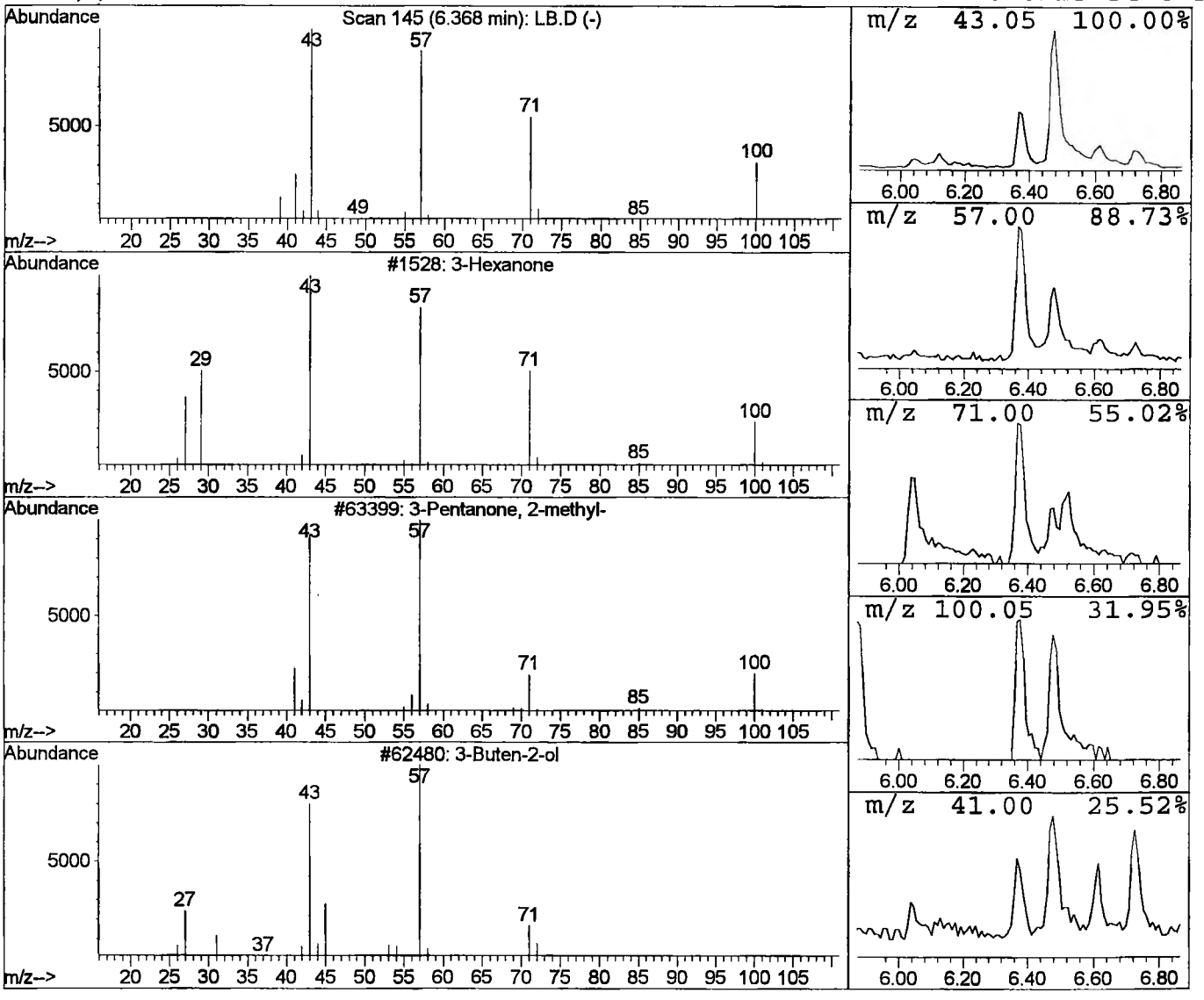
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	0.47 ug/l	45805	1,4-Dichlorobenzene-d4	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	90
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	47
3	3-Buten-2-ol	72	C4H8O	000598-32-3	38
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	35



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\OCT1801\LB.D
Acq On : 18 Oct 2001 5:09 pm
Sample : lab blk 10/15
Misc :
MS Integration Params: LSCINT.P

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

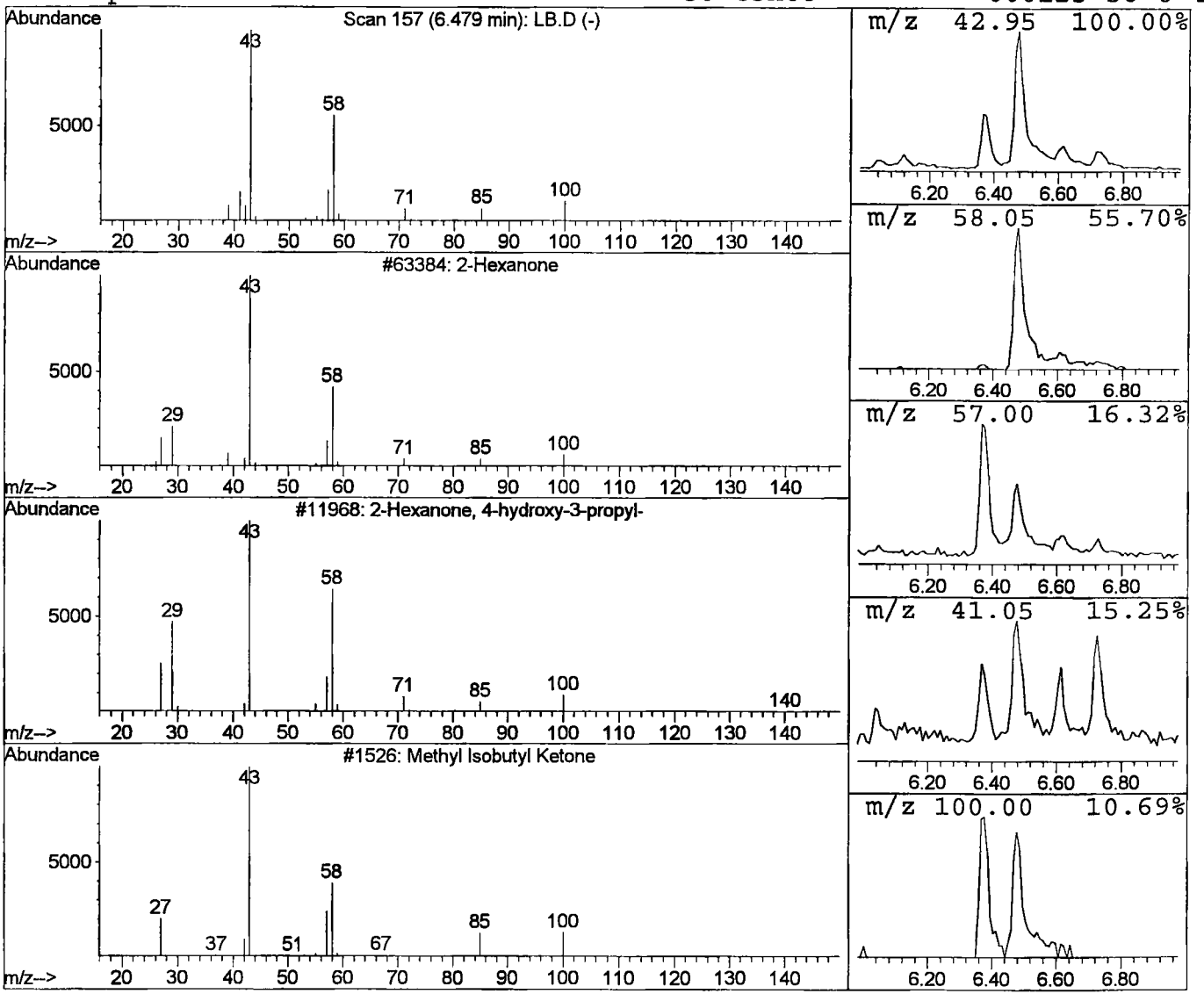
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	1.07 ug/l	103630	1,4-Dichlorobenzene-d4	11.77

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	74
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	47
4	Propanal	58	C3H6O	000123-38-6	47



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\OCT1801\LB.D
Acq On : 18 Oct 2001 5:09 pm
Sample : lab blk 10/15
Misc :
MS Integration Params: LSCINT.P

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

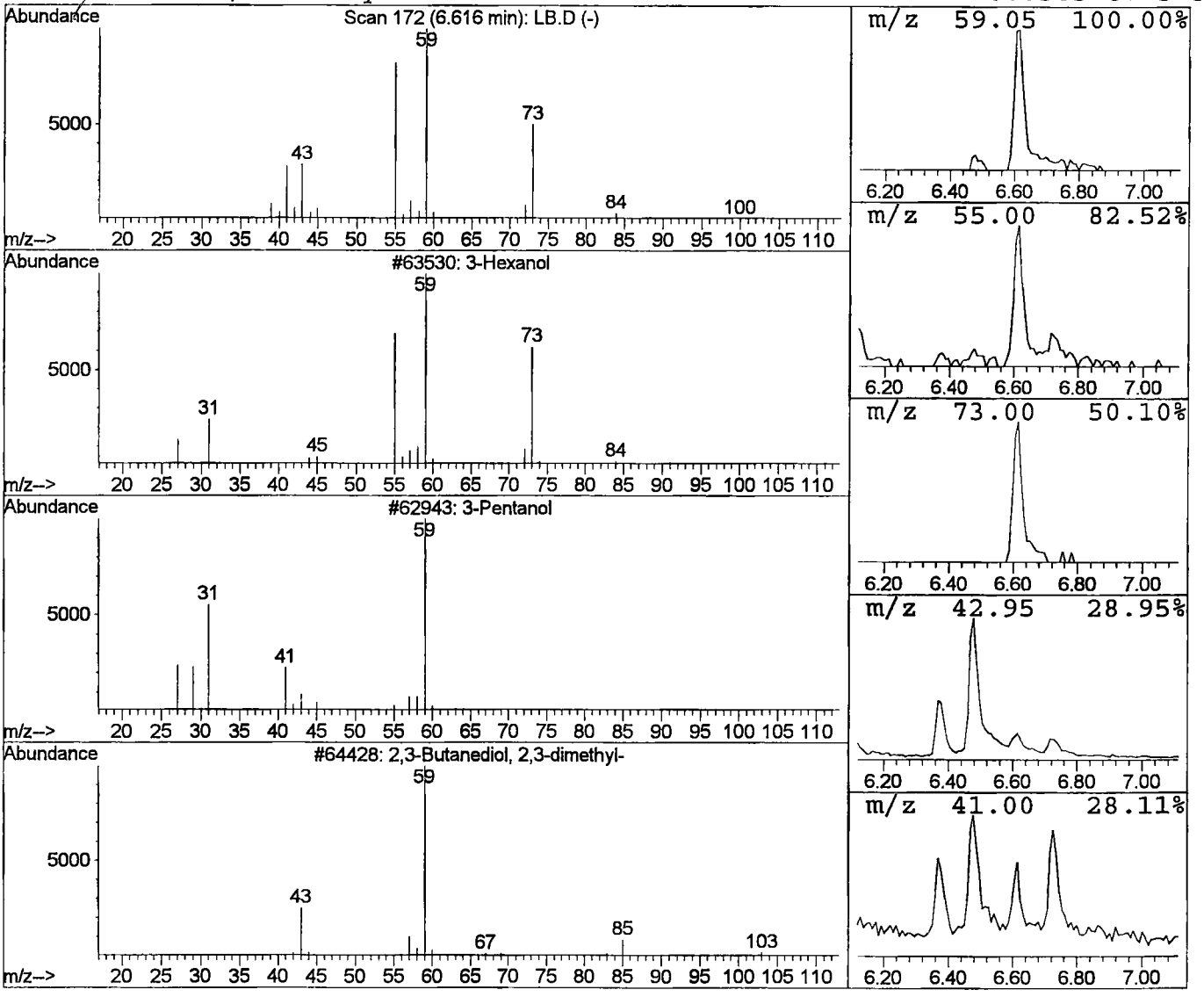
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	0.47 ug/l	45594	1,4-Dichlorobenzene-d4	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	74
2	3-Pentanol	88	C5H12O	000584-02-1	42
3	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	42
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	38



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\OCT1801\LB.D
Acq On : 18 Oct 2001 5:09 pm
Sample : lab blk 10/15
Misc :
MS Integration Params: LSCINT.P

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

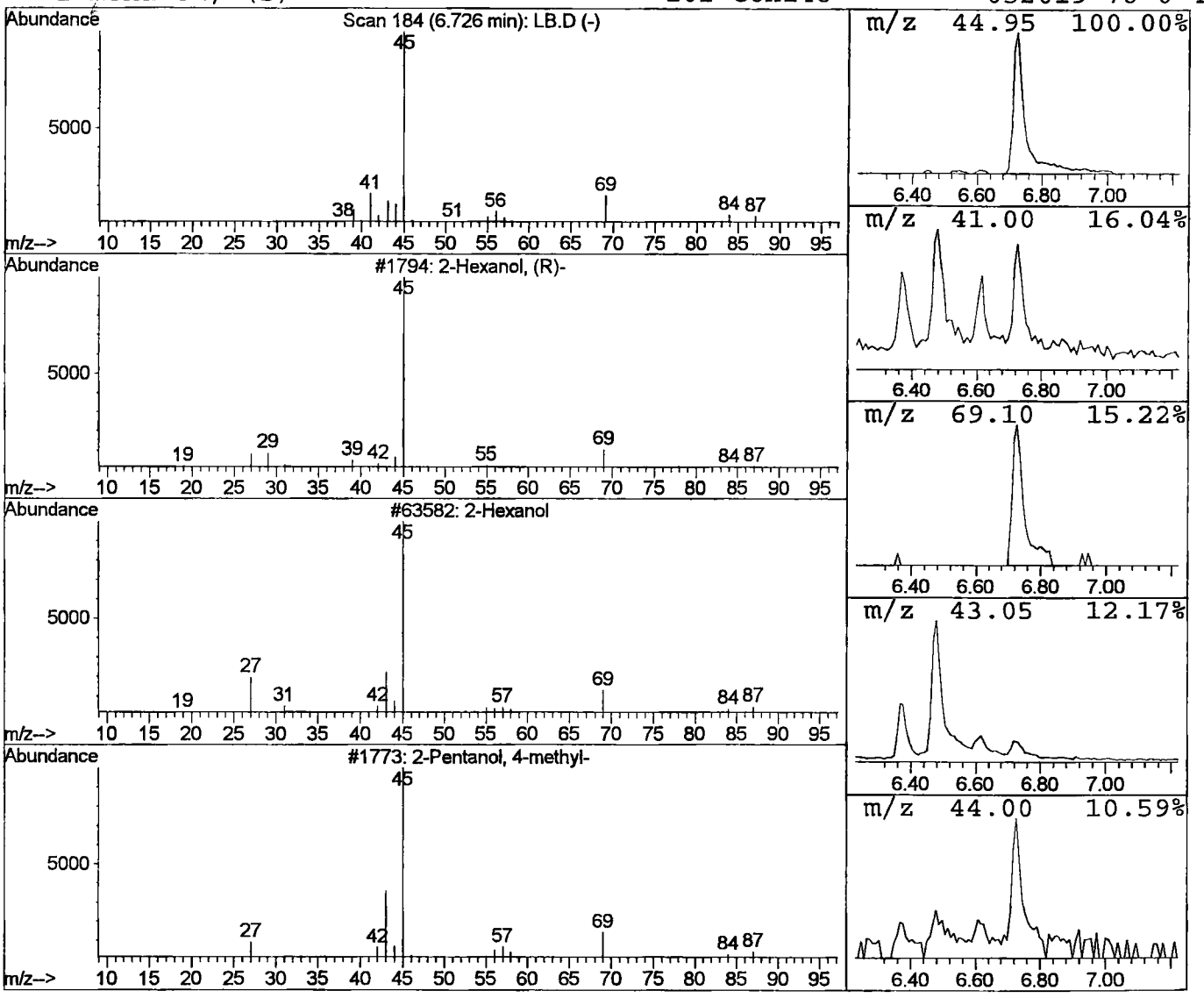
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol, (R)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.59 ug/l	57269	1,4-Dichlorobenzene-d4	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, (R)-	102	C6H14O	026549-24-6	83
2	2-Hexanol	102	C6H14O	000626-93-7	74
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
4	2-Hexanol, (S)-	102	C6H14O	052019-78-0	43



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\OCT1801\LB.D
Acq On : 18 Oct 2001 5:09 pm
Sample : lab blk 10/15
Misc :
MS Integration Params: LSCINT.P

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

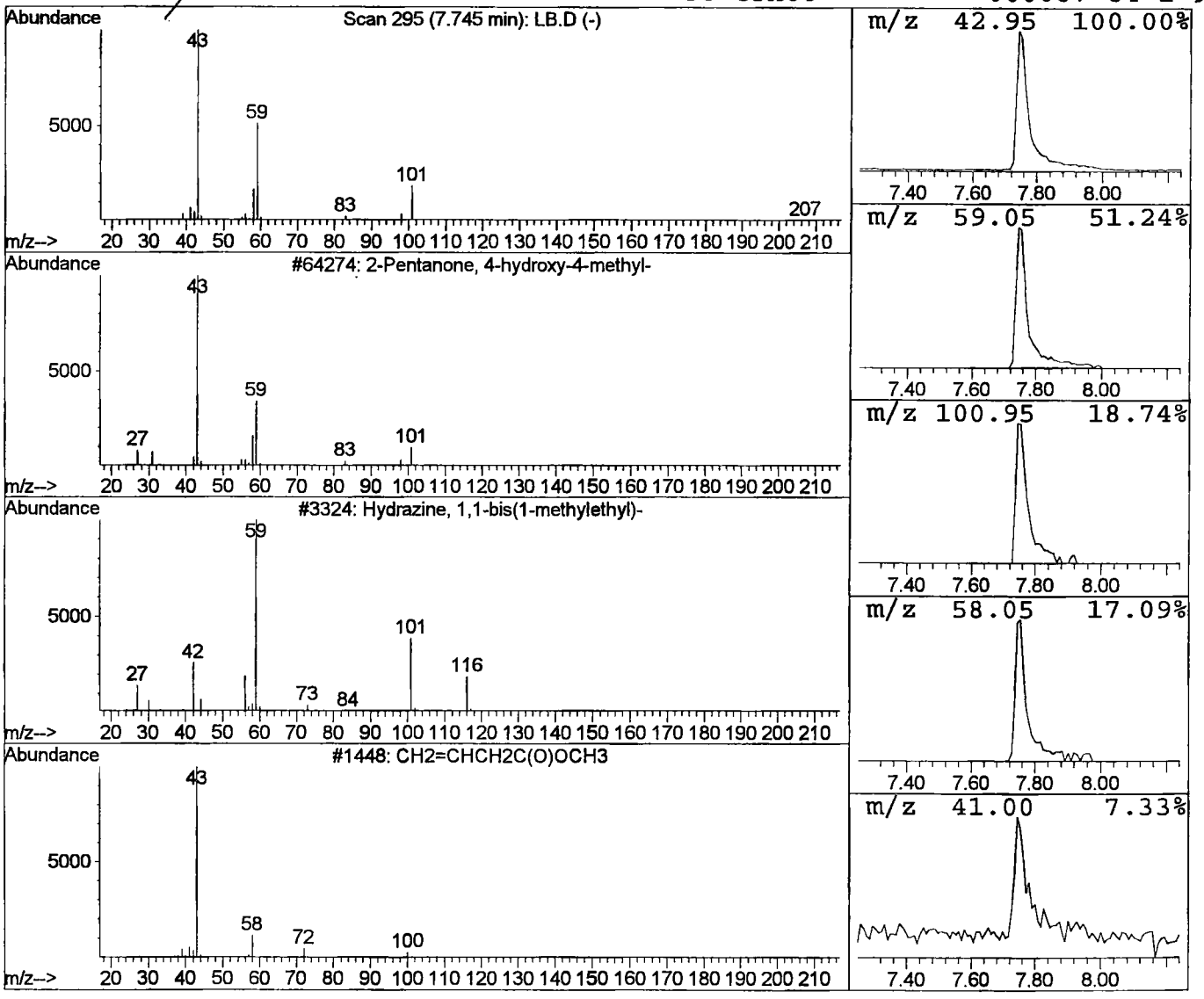
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	1.14 ug/l	110640	1,4-Dichlorobenzene-d4	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	23
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\OCT1801\LB.D
Acq On : 18 Oct 2001 5:09 pm
Sample : lab blk 10/15
Misc :
MS Integration Params: LSCINT.P

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

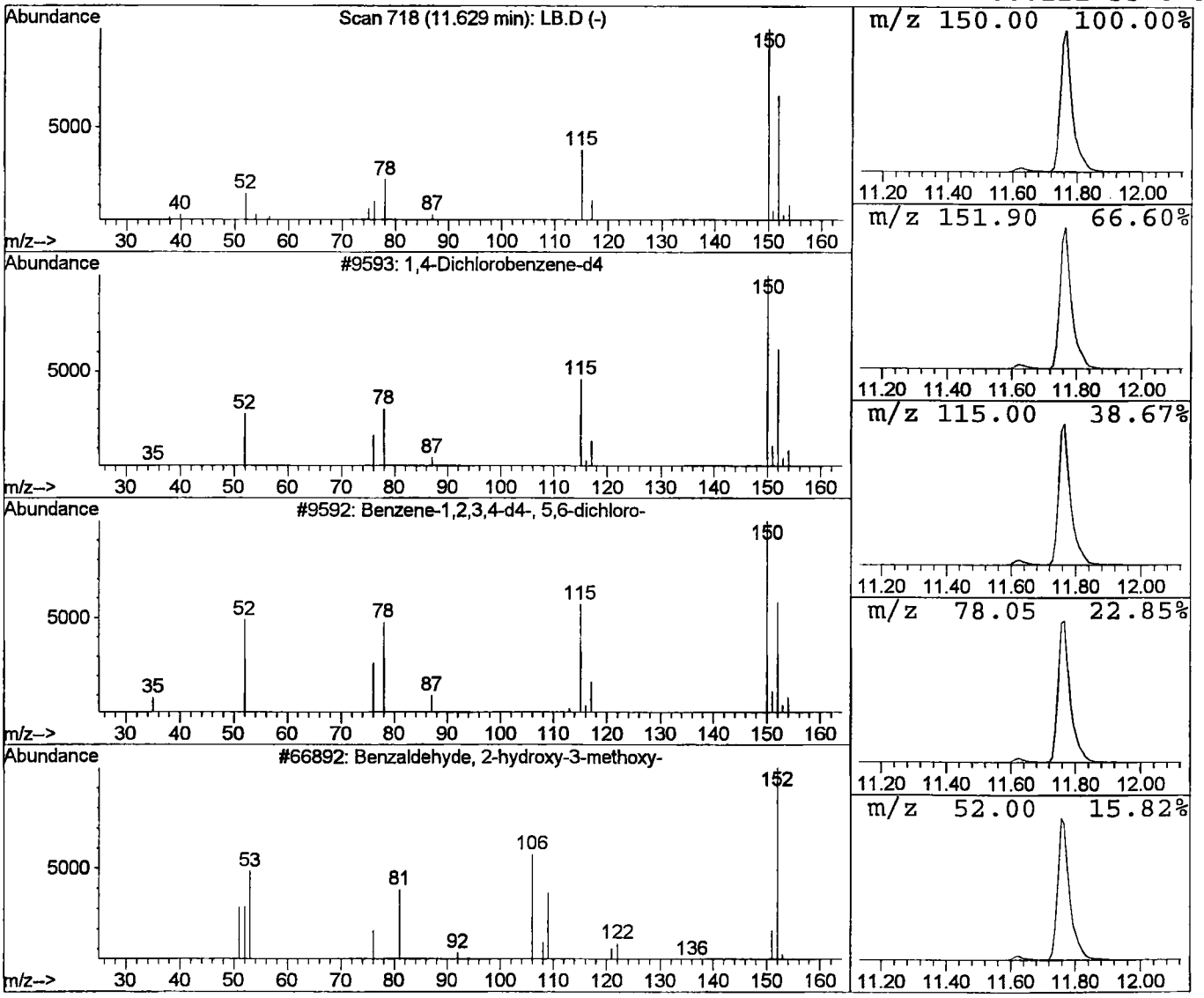
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	0.51 ug/l	49498	1,4-Dichlorobenzene-d4	11.77

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	16
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	Vanillin	152	C8H8O3	000121-33-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Oct 2001 5:09 pm
Data File: M:\INSTRU~1\209\DATA\OCT1801\LB.D
Name: lab blk 10/15
Misc:
Method: C:\HPCHEM\1\METHODS\NP091101.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	6.37	0.5	ug/l	45805	ISTD01	11.77	1945550	20.0
2-Hexanone	6.48	1.1	ug/l	103630	ISTD01	11.77	1945550	20.0
3-Hexanol	6.62	0.5	ug/l	45594	ISTD01	11.77	1945550	20.0
2-Hexanol, (R)-	6.73	0.6	ug/l	57269	ISTD01	11.77	1945550	20.0
2-Pentanone, 4-hydro	7.75	1.1	ug/l	110640	ISTD01	11.77	1945550	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	49498	ISTD01	11.77	1945550	20.0

LB.D NP103001.M Fri Nov 09 16:25:28 2001