Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT3101\LB.D 24215-24220
Acq On : 31 Oct 2001 5:05 pm 24231-238
Sample : 10/10 24287-293
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 2 16:42 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 : NP101901

Benzidine not found in any samples

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.72	152	605282	20.00 ug/l	0.00
19) Naphthalene-d8	15.32	136	2441524	20.00 ug/l	0.00
31) Acenaphthene-d10	20.60	164	1213652	20.00 ug/l	0.00
49) Phenanthrene-d10	25.02	188	1781389	20.00 ug/l	-0.02
59) Chrysene-d12	33.06	240	1227578	20.00 ug/l	0.00
68) Perylene-d12	37.15	264	940517	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	11.71	132	405	0.01 ug/l	0.47
Spiked Amount 75.000			Recovery =	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	6973	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	18.74	172	2735	0.03 ug/l	0.12
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	29.92	244	402	0.01 ug/l	-0.03
Spiked Amount 50.000			Recovery =	0.02%	

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\OCT3101\LB.D Vial: 2
Acq On : 31 Oct 2001 5:05 pm Operator: 209 GALOS
Sample : 10/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 2 16:42 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 : NP101901

	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	19.97	163	587	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	21.22	65	345	N.D.	
44)	2,4-Dinitrotoluene	0.00	165	0	N.D.	
45)	Diethylphthalate	22.10	149	13499	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	24.70	266	1647	N.D.	
55)	Phenanthrene	25.01	178	612	N.D.	
56)	Anthracene	25.01	178	612	N.D.	
57)	Di-n-butylphthalate	27.03	149	12282	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
61)	Benzidine	29.19	184	38655	1.29 ug/l #	97
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.06	228	3132	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	4081	N.D.	
67)	Chrysene	33.13	228	526	N.D.	
69)	Di-n-Octylphthalate	35.06	149	205	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\OCT3101\LB.D Vial: 2
Acq On : 31 Oct 2001 5:05 pm Operator: 209 GALOS
Sample : 10/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 2 16:42 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 : NP101901

	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	3667	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

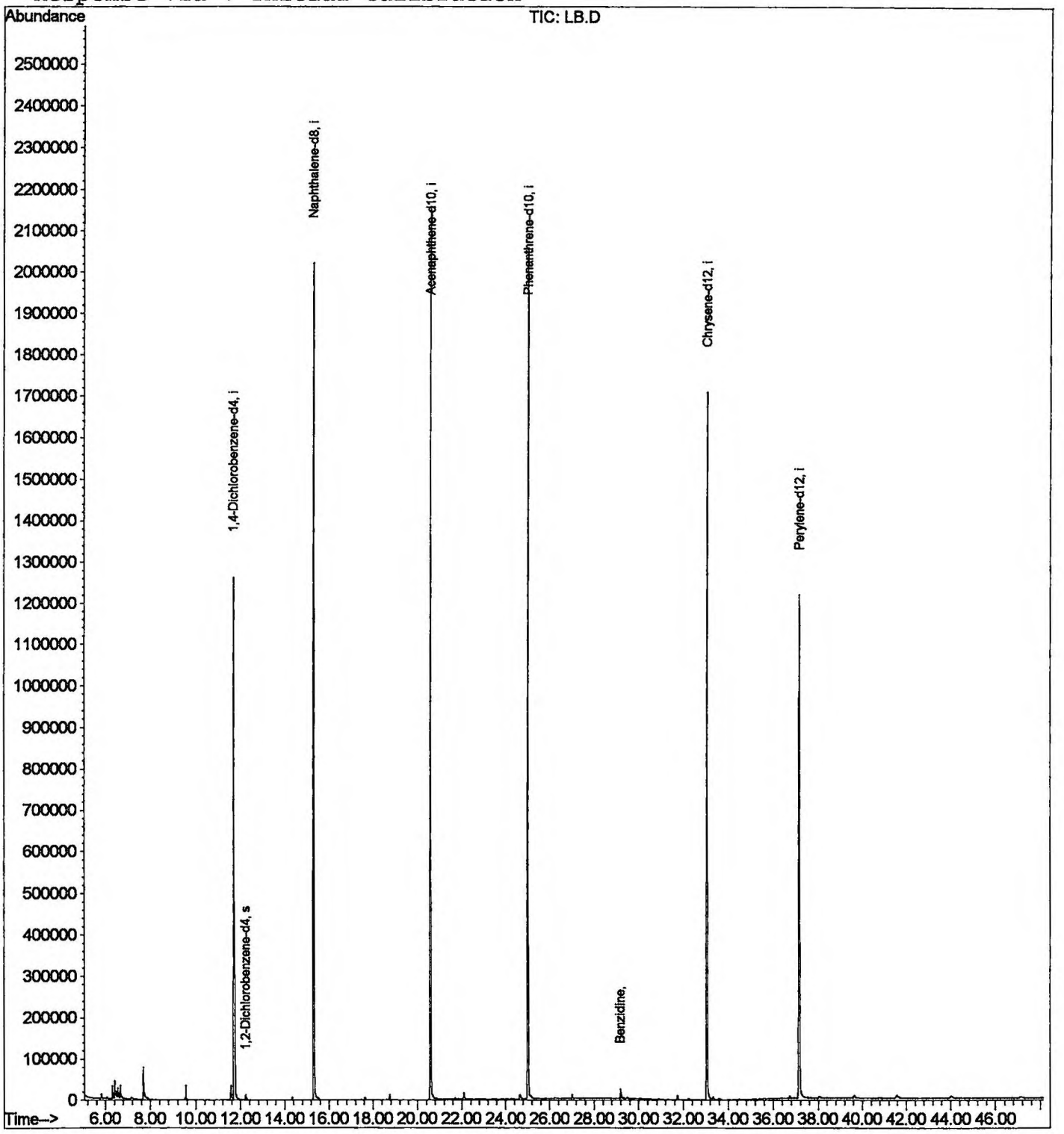
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT3101\LB.D
Acq On : 31 Oct 2001 5:05 pm
Sample : 10/10
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 2 16:42 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT3101\LB.D
Acq On : 31 Oct 2001 5:05 pm
Sample : 10/10
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

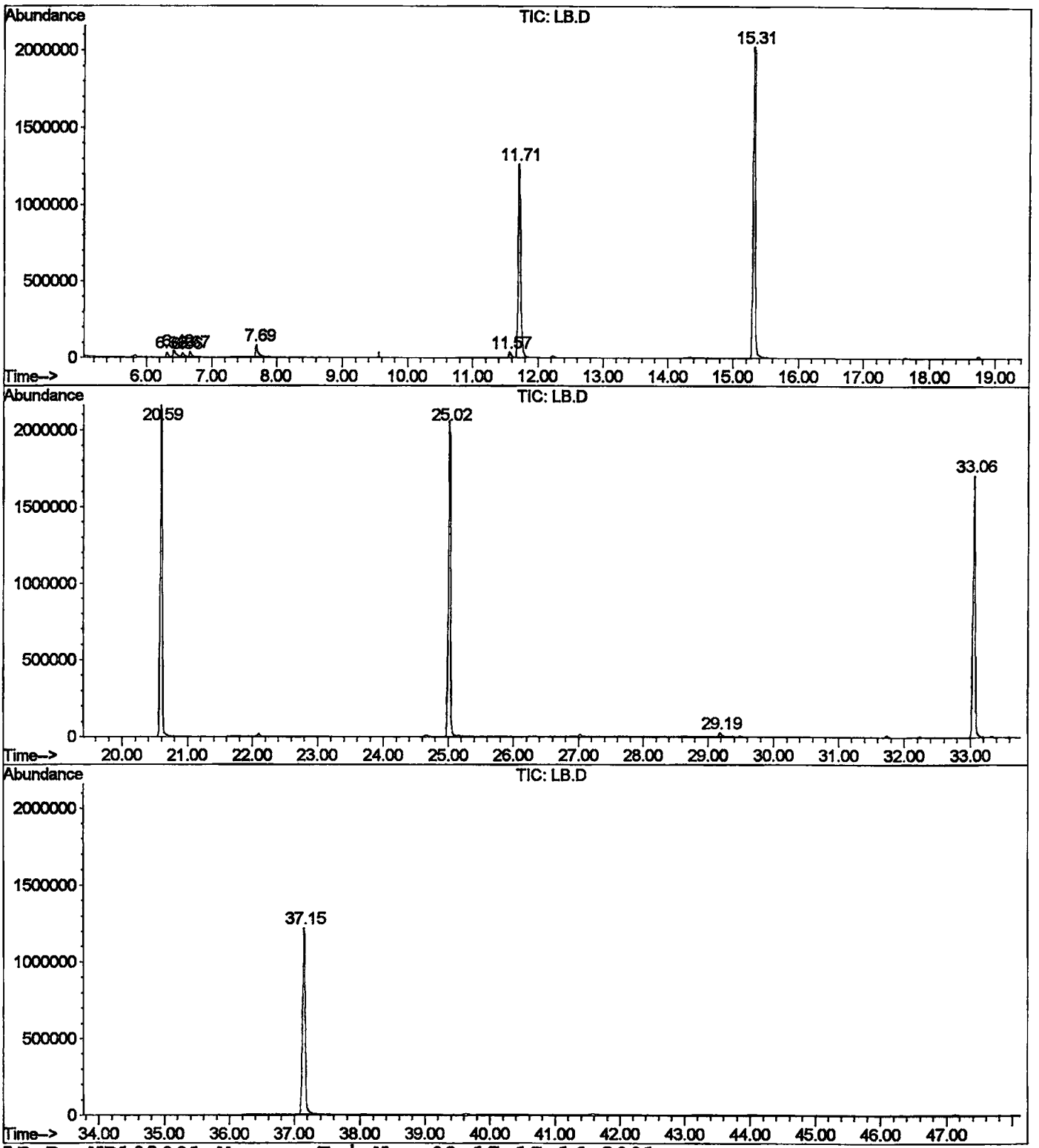
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.318	135	139	146	rBV	31146	61303	1.28%	0.245%
2	6.419	147	150	162	rVV2	43413	130941	2.73%	0.522%
3	6.556	162	165	172	rVV	25269	54343	1.13%	0.217%
4	6.666	174	177	187	rVB	31619	70079	1.46%	0.280%
5	7.695	285	289	307	rBV	78895	219745	4.57%	0.877%
6	11.569	705	711	721	rBV	36177	88614	1.84%	0.353%
7	11.706	721	726	743	rBV	1262812	3199753	66.59%	12.764%
8	15.314	1114	1119	1136	rBV	2021553	4450756	92.63%	17.754%
9	20.593	1688	1694	1715	rBV	2158604	4805020	100.00%	19.167%
10	25.018	2170	2176	2188	rBV2	2055544	4513812	93.94%	18.006%
11	29.186	2626	2630	2640	rBV	24269	65439	1.36%	0.261%
12	33.060	3044	3052	3065	rBV	1708896	3929440	81.78%	15.675%
13	37.154	3490	3498	3514	rBV2	1215041	3479523	72.41%	13.880%

Sum of corrected areas: 25068768

LB.D NP103001.M Fri Nov 02 17:17:13 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT3101\LB.D
Operator : 209 GALOS
Acquired : 31 Oct 2001 5:05 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: 10/10
Misc Info :
Vial Number: 2
Quant File :NP103001.RES (RTE Integrator)



LB.D NP103001.M Fri Nov 02 17:17:16 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3101\LB.D
Acq On : 31 Oct 2001 5:05 pm
Sample : 10/10
Misc :
MS Integration Params: LSCINT.P

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

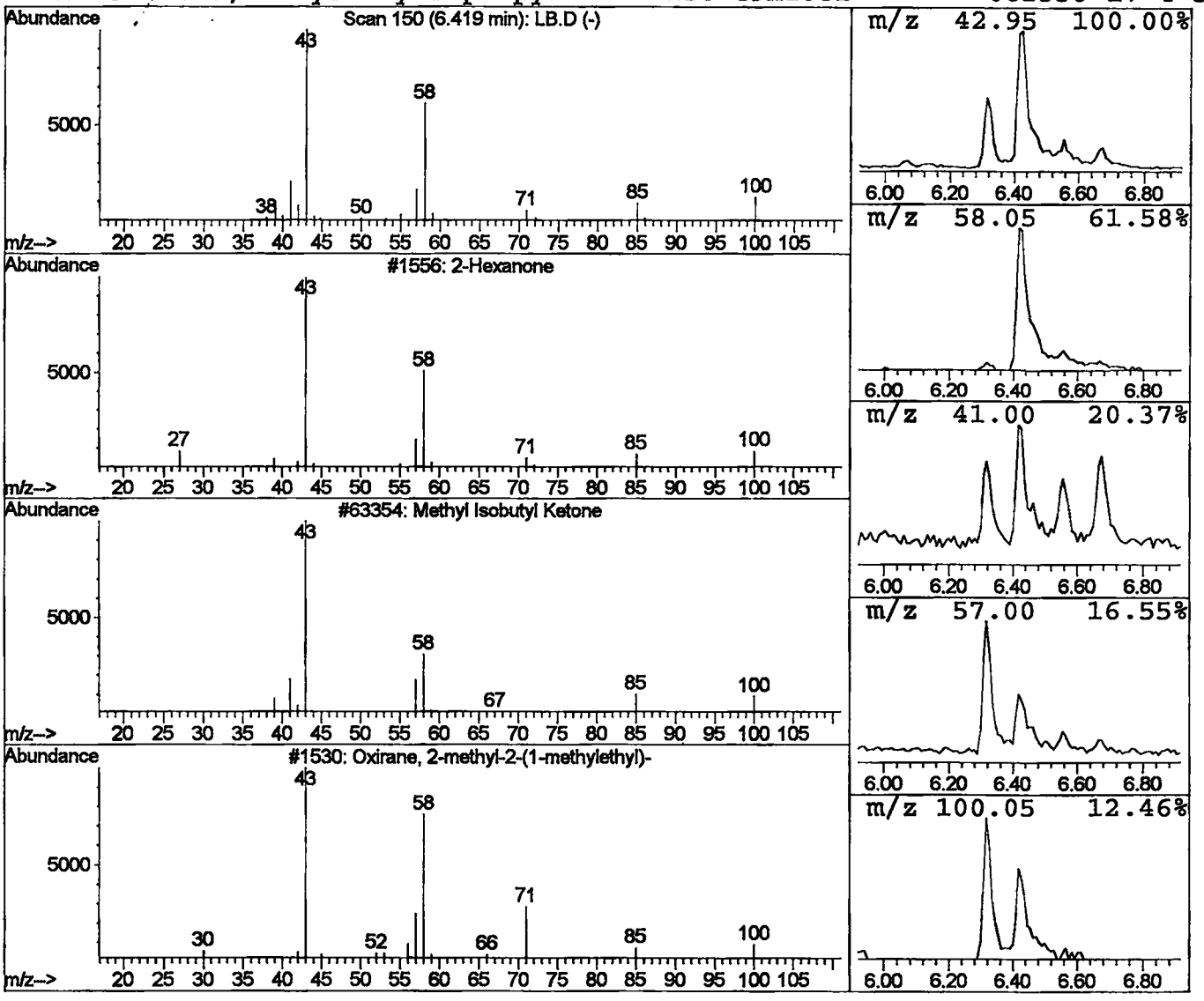
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.82 ug/l	130941	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	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
3	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	50
4	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3101\LB.D
Acq On : 31 Oct 2001 5:05 pm
Sample : 10/10
Misc :
MS Integration Params: LSCINT.P

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

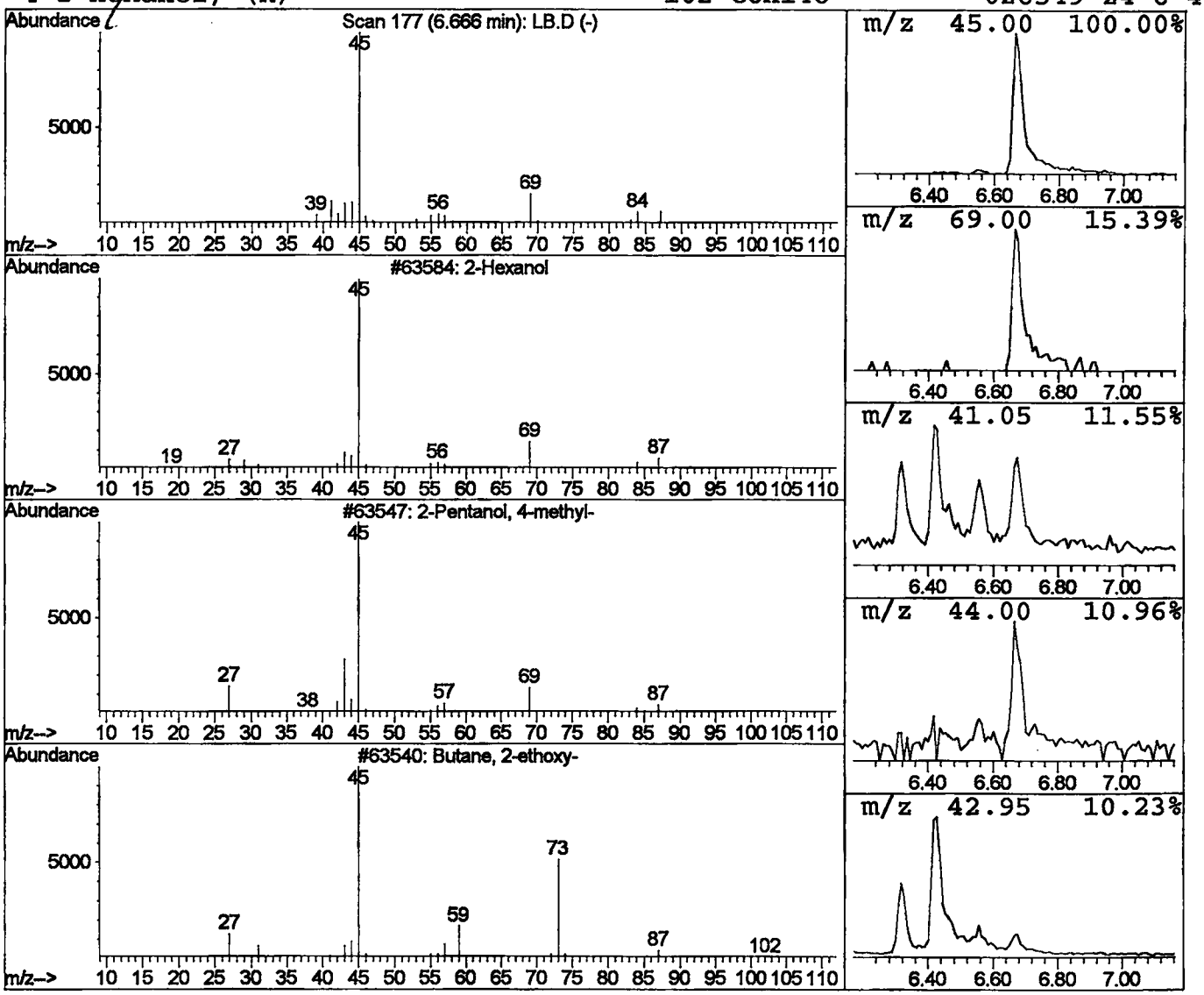
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanol — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	0.44 ug/l	70079	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
3	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	50
4	2-Hexanol, (R)-	102	C6H14O	026549-24-6	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3101\LB.D
Acq On : 31 Oct 2001 5:05 pm
Sample : 10/10
Misc :
MS Integration Params: LSCINT.P

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

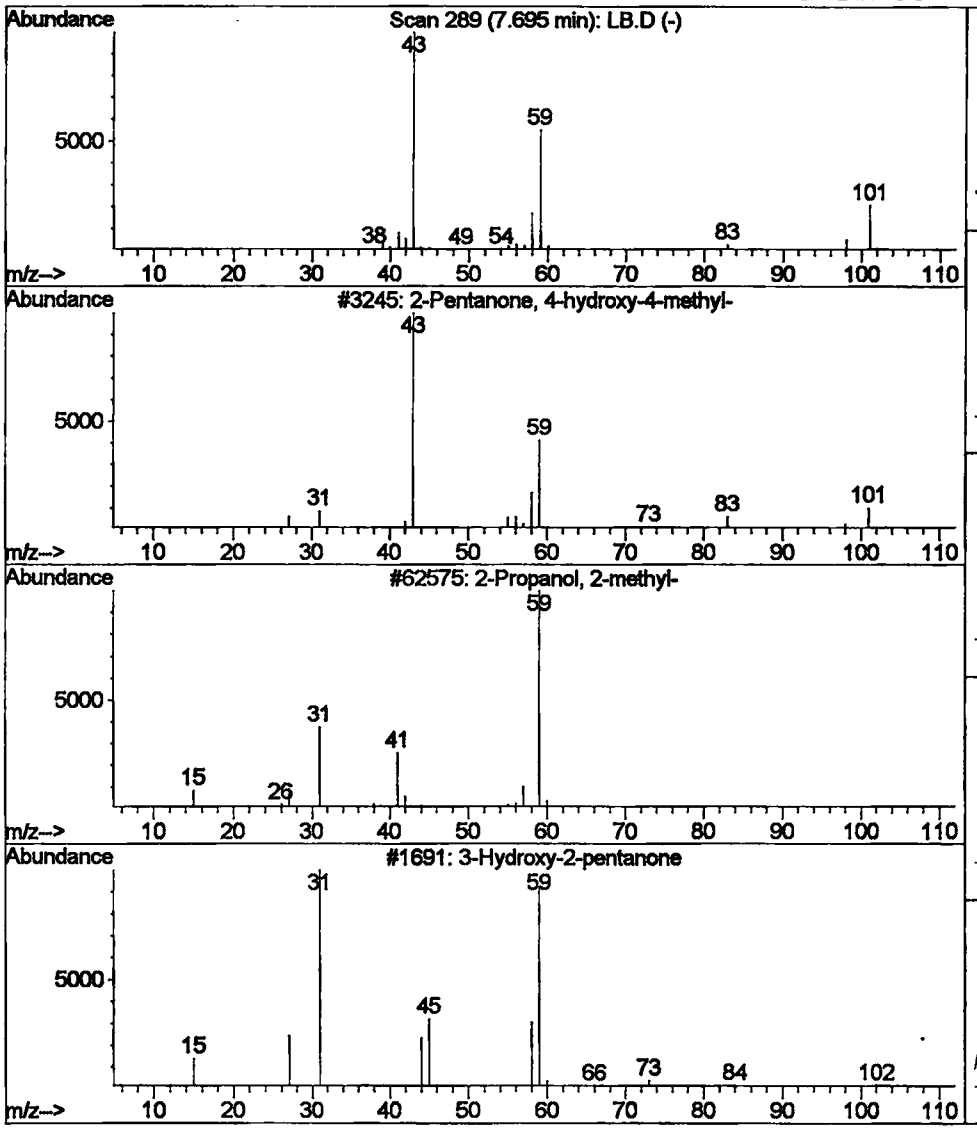
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.37 ug/l	219745	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	56
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	12
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3101\LB.D
Acq On : 31 Oct 2001 5:05 pm
Sample : 10/10
Misc :
MS Integration Params: LSCINT.P

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

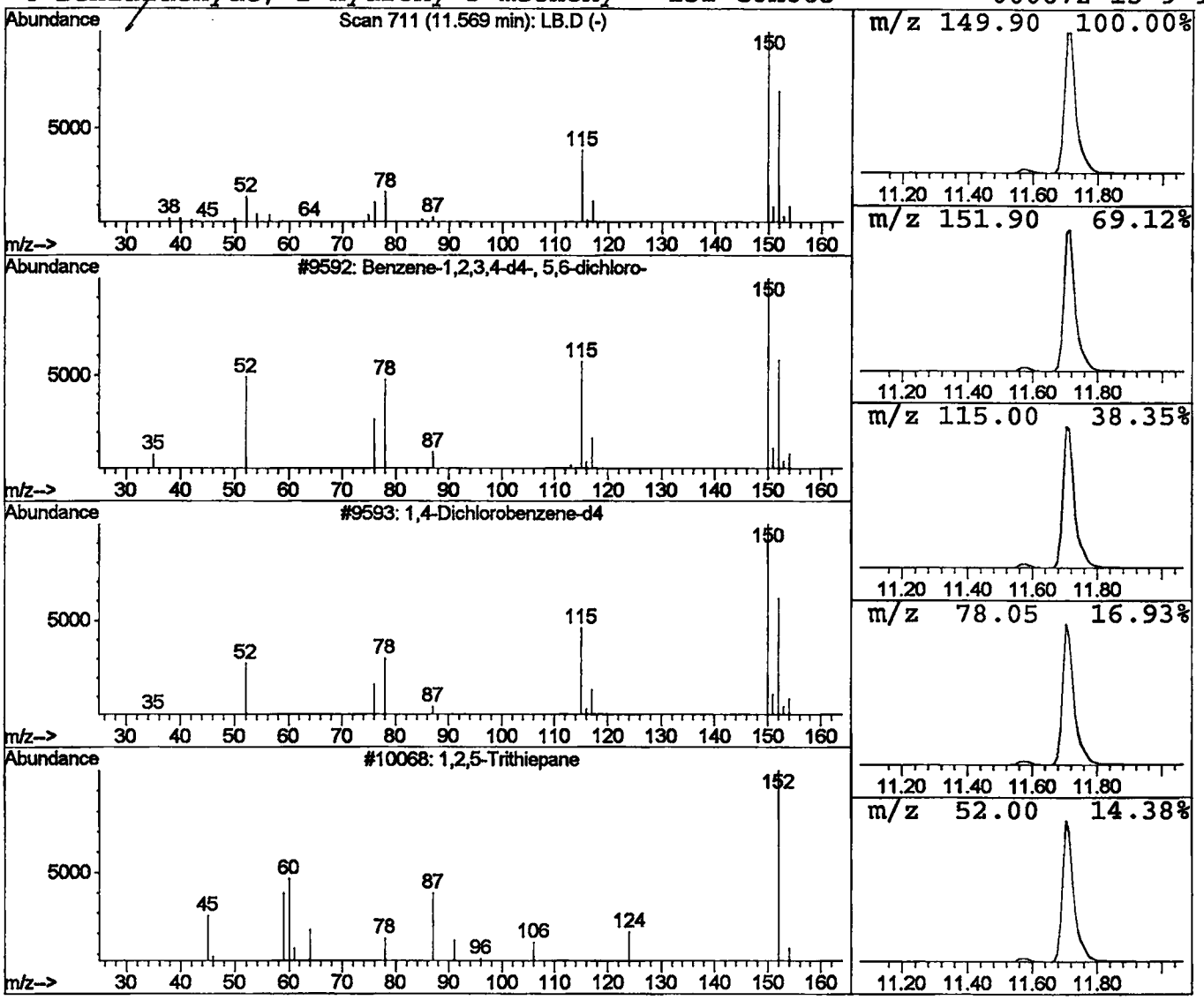
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Benzene-1,2,3,4-d4-, 5,6-dichl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.55 ug/l	88614	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	56
2	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	47
3	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	10
4	Benzaldehyde, 2-hydroxy-5-methoxy-	152	C8H8O3	000672-13-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Oct 2001 5:05 pm
Data File: C:\HPCHEM\1\DATA\OCT3101\LB.D
Name: 10/10
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
2-Hexanone	6.42	0.8	ug/l	130941	ISTD01	11.72	3199750	20.0
2-Hexanol	6.67	0.4	ug/l	70079	ISTD01	11.72	3199750	20.0
2-Pentanone, 4-hydro	7.69	1.4	ug/l	219745	ISTD01	11.72	3199750	20.0
Benzene-1,2,3,4-d4-,	11.57	0.6	ug/l	88614	ISTD01	11.72	3199750	20.0

LB.D NP103001.M Fri Nov 02 17:17:26 2001