LB

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\LB.D
Acq On : 26 Nov 2001 5:32 pm
Sample : 10/22
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 26 18:20 2001

25042-48

Vial: 8
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	11.68	152	1328782	20.00	ug/l	-0.04
19) Naphthalene-d8	15.30	136	5148752	20.00	ug/l	-0.03
31) Acenaphthene-d10	20.58	164	2527388	20.00	ug/l	-0.03
49) Phenanthrene-d10	24.99	188	3603739	20.00	ug/l	-0.04
59) Chrysene-d12	33.03	240	1961483	20.00	ug/l	-0.04
68) Perylene-d12	37.12	264	1403367	20.00	ug/l	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
5) Phenol-d5	10.45	99	240	0.00	ug/l	-0.54
Spiked Amount 75.000			Recovery =	0.00%		
6) 2-Chlorophenol-d4	11.69	132	877	0.01	ug/l	0.45
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.21	152	16348	0.27	ug/l	-0.04
Spiked Amount 50.000			Recovery =	0.54%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.60	172	430	0.00	ug/l	-0.02
Spiked Amount 50.000			Recovery =	0.00%		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
62) Terphenyl-d14	29.91	244	858	0.01	ug/l	-0.04
Spiked Amount 50.000			Recovery =	0.02%		
Target Compounds						Qvalue
2) Pyridine	5.19	79	475	N.D.		
3) N-nitroso-dimethyl amine	5.16	74	936	N.D.		
8) Phenol	11.06	94	428	N.D.		
9) bis(2-Chloroethyl)ether	10.98	93	430	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	13.67	77	174	N.D.		
22) Isophorone	0.00	82	0	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 26 Nov 2001 5:32 pm Operator: 209 GALOS
Sample : 10/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 26 18:20 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
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	15.35	128	871	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	20.10	152	105	N.D.	
41)	Acenaphthene	20.65	153	209	N.D.	
42)	2,4-Dinitrophenol	0.00	184	0	N.D.	
43)	4-Nitrophenol	21.03	65	1289	N.D.	
44)	2,4-Dinitrotoluene	21.22	165	109	N.D.	
45)	Diethylphthalate	22.08	149	1165	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	22.69	77	185	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	25.06	178	1040	N.D.	
56)	Anthracene	25.21	178	1041	N.D.	
57)	Di-n-butylphthalate	27.00	149	8761	N.D.	
58)	Fluoranthene	28.68	202	1397	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	29.35	202	1903	N.D.	
64)	Butylbenzylphthalate	31.51	149	2311	N.D.	
65)	Benzo(a)anthracene	32.98	228	15535	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.31	149	11597	N.D.	
67)	Chrysene	33.10	228	14328	N.D.	
69)	Di-n-Octylphthalate	35.04	149	9227	N.D.	
70)	Benzo(b)fluoranthene	36.12	252	13973	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\LB.D Vial: 8
Acq On : 26 Nov 2001 5:32 pm Operator: 209 GALOS
Sample : 10/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 26 18:20 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	36.12	252	16296	N.D.	
72)	Benzo(a)pyrene	36.95	252	8366	N.D.	
73)	Indeno(1,2,3-cd)pyrene	40.83	276	4307	N.D.	
74)	Dibenz(a,h)anthracene	40.89	278	2997	N.D.	
75)	Benzo(g,h,i)perylene	41.90	276	5706	N.D.	

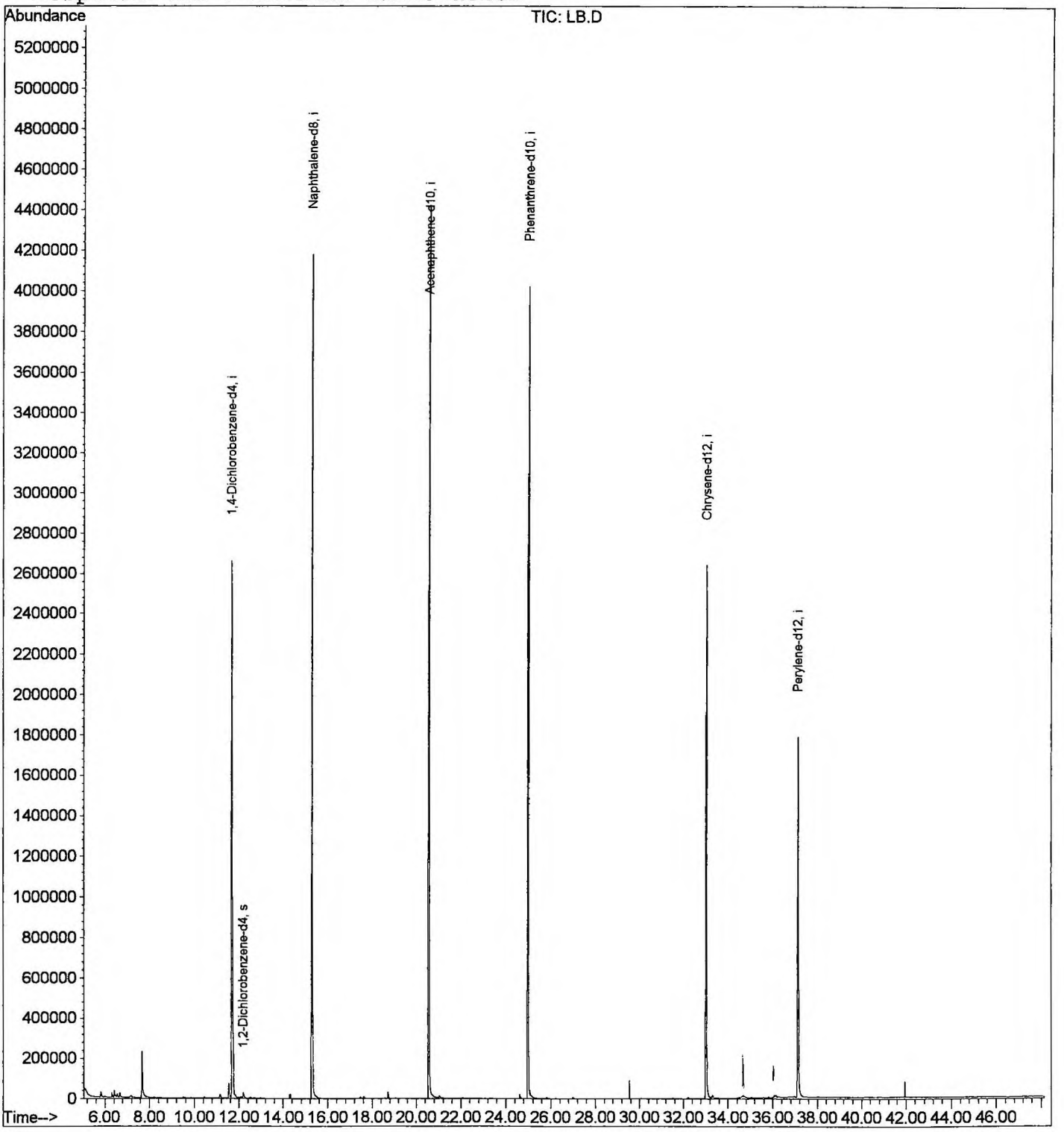
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2601\LB.D
Acq On : 26 Nov 2001 5:32 pm
Sample : 10/22
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 26 18:20 2001

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2601\LB.D
Acq On : 26 Nov 2001 5:32 pm
Sample : 10/22
Misc :
MS Integration Params: LSCINT.P

Vial: 8
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

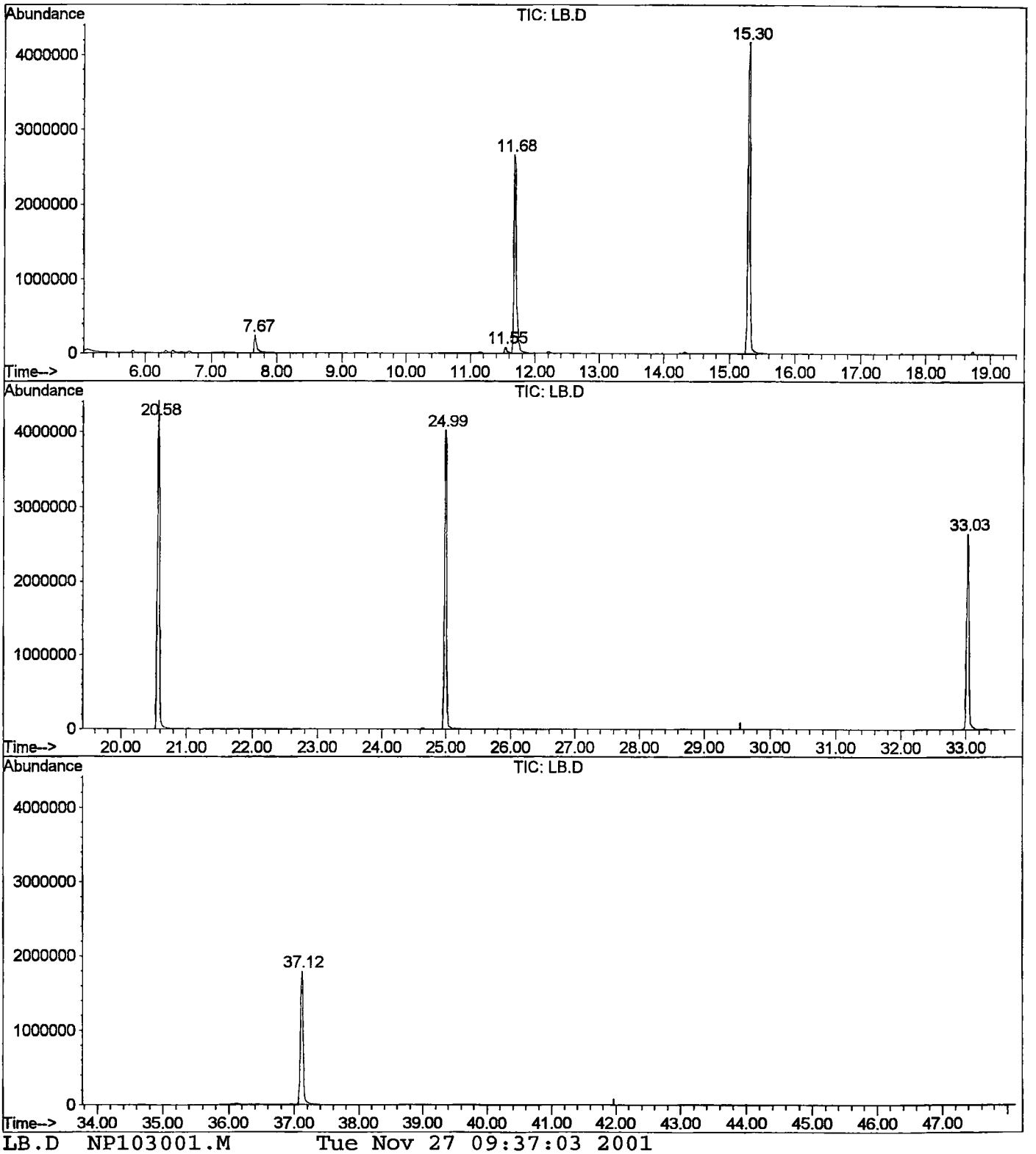
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.671	282	286	298	rBV	228732	543035	5.48%	1.148%
2	11.554	702	709	718	rBV	74206	192502	1.94%	0.407%
3	11.682	718	723	749	rVV	2660130	6905631	69.65%	14.603%
4	15.299	1110	1117	1135	rBV	4178909	9419090	95.00%	19.918%
5	20.578	1684	1692	1711	rBV	4420752	9914723	100.00%	20.966%
6	24.994	2166	2173	2186	rBV2	4020099	8999088	90.76%	19.030%
7	33.027	3038	3048	3070	rBV2	2639982	6244399	62.98%	13.205%
8	37.121	3485	3494	3517	rBV2	1782070	5070642	51.14%	10.723%

Sum of corrected areas: 47289110

LB.D NP103001.M Tue Nov 27 09:37:00 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2601\LB.D
Operator : 209 GALOS
Acquired : 26 Nov 2001 5:32 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 10/22
Misc Info :
Vial Number: 8
Quant File :NP103001.RES (RTE Integrator)



LB.D NP103001.M Tue Nov 27 09:37:03 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\LB.D
Acq On : 26 Nov 2001 5:32 pm
Sample : 10/22
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

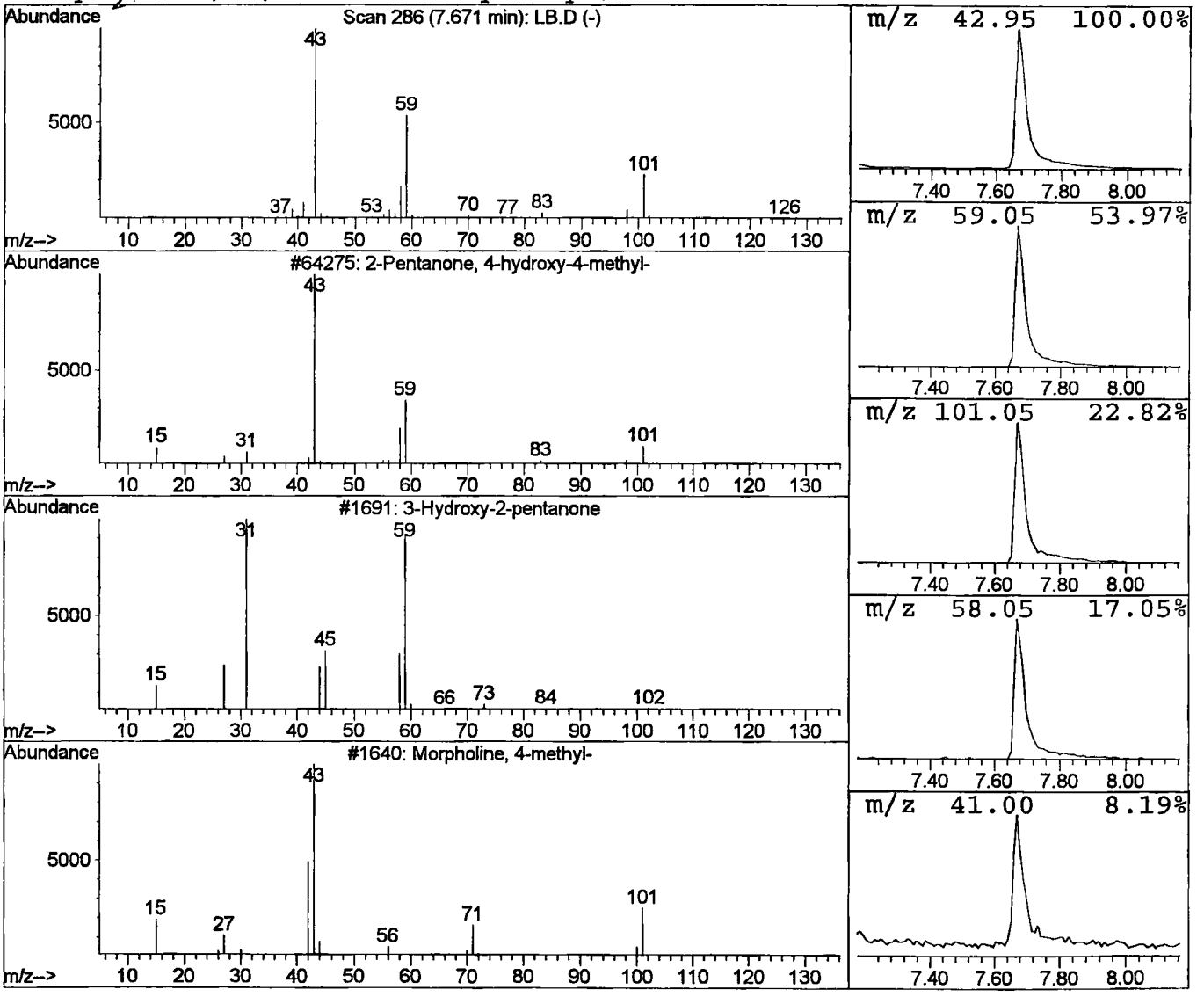
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	1.57 ug/l	543035	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\LB.D
Acq On : 26 Nov 2001 5:32 pm
Sample : 10/22
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

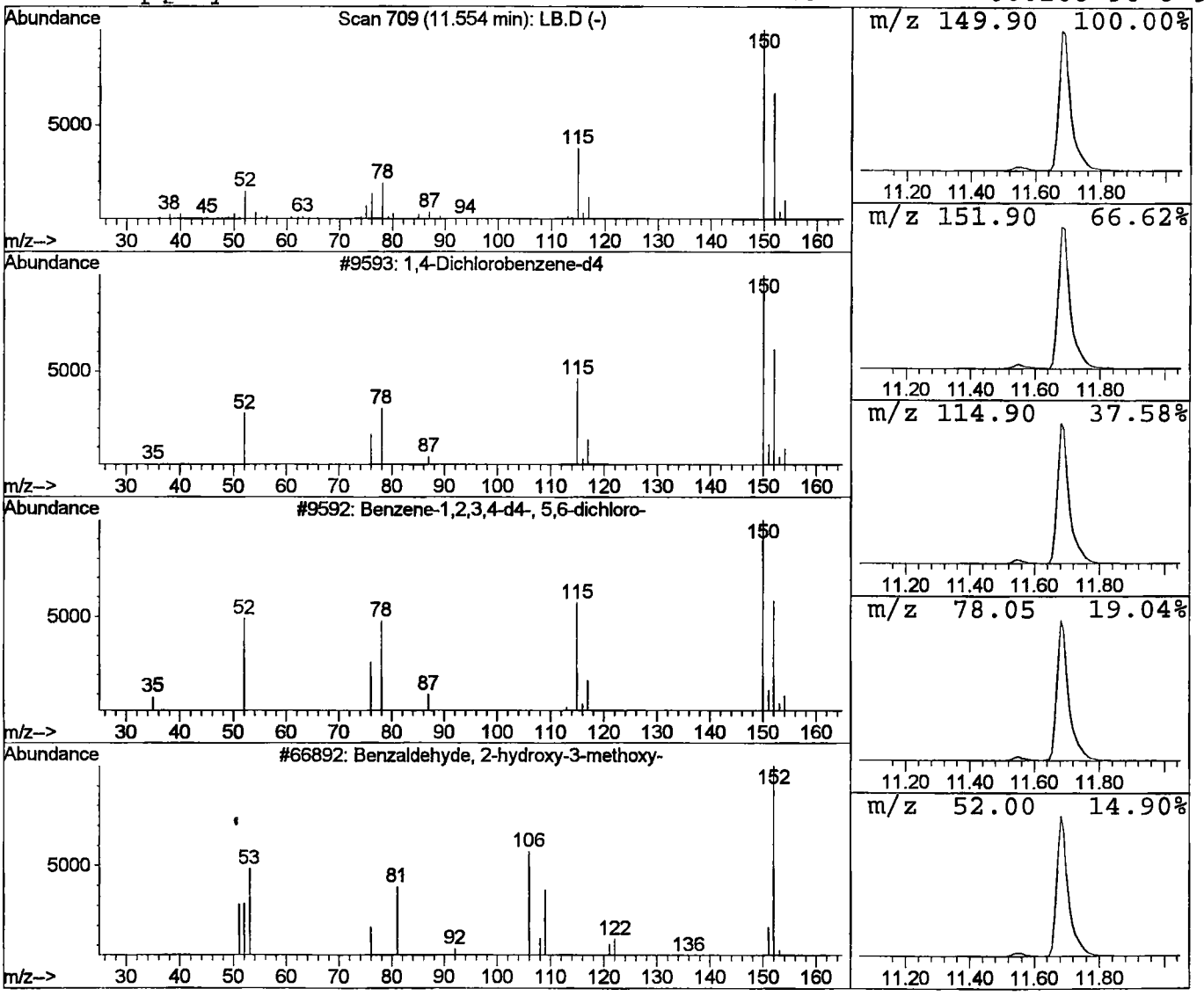
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	0.56 ug/l	192502	1,4-Dichlorobenzene-d4	11.68

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	25
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	Acenaphthylene	152	C12H8	000208-96-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 26 Nov 2001 5:32 pm
Data File: C:\HPCHEM\1\DATA\NOV2601\LB.D
Name: 10/22
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-Pentanone, 4-hydro	7.67	1.6	ug/l	543035	ISTD01	11.68	6905630	20.0
1,4-Dichlorobenzene-	11.55	0.6	ug/l	192502	ISTD01	11.68	6905630	20.0

LB.D NP103001.M Tue Nov 27 09:37:10 2001