

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0801\LB.D

Vial: 2

Acq On : 9 Nov 2001 1:14 pm

Operator: 209 GALOS

Sample : 10/23

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 19 15:48 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	966014	20.00	ug/l	-0.02
19) Naphthalene-d8	15.31	136	3730037	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.60	164	1880403	20.00	ug/l	0.00
49) Phenanthrene-d10	25.03	188	2768177m	20.00	ug/l	0.00
59) Chrysene-d12	33.06	240	1858754	20.00	ug/l	0.00
68) Perylene-d12	37.16	264	1350453	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	991	0.01	ug/l	0.47
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	607	0.01	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	0.02%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	2366	0.02	ug/l	0.12
Spiked Amount	50.000		Recovery	=	0.04%	
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

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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	15.36	128	485	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	21.09	165	371	N.D.		
45) Diethylphthalate	22.10	149	180	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	0.00	178	0	N.D.	d	
56) Anthracene	0.00	178	0	N.D.	d	
57) Di-n-butylphthalate	0.00	149	0	N.D.	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.	d	
63) Pyrene	0.00	202	0	N.D.		
64) Butylbenzylphthalate	0.00	149	0	N.D.		
65) Benzo(a)anthracene	33.06	228	4307	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.34	149	1159	N.D.		
67) Chrysene	33.06	228	4307	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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0801\LB.D

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Acq On : 9 Nov 2001 1:14 pm

Operator: 209 GALOS

Sample : 10/23

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 19 15:48 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	5246	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	41.97	276	216	N.D.		

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

LB.D NP103001.M Mon Nov 19 15:48:57 2001

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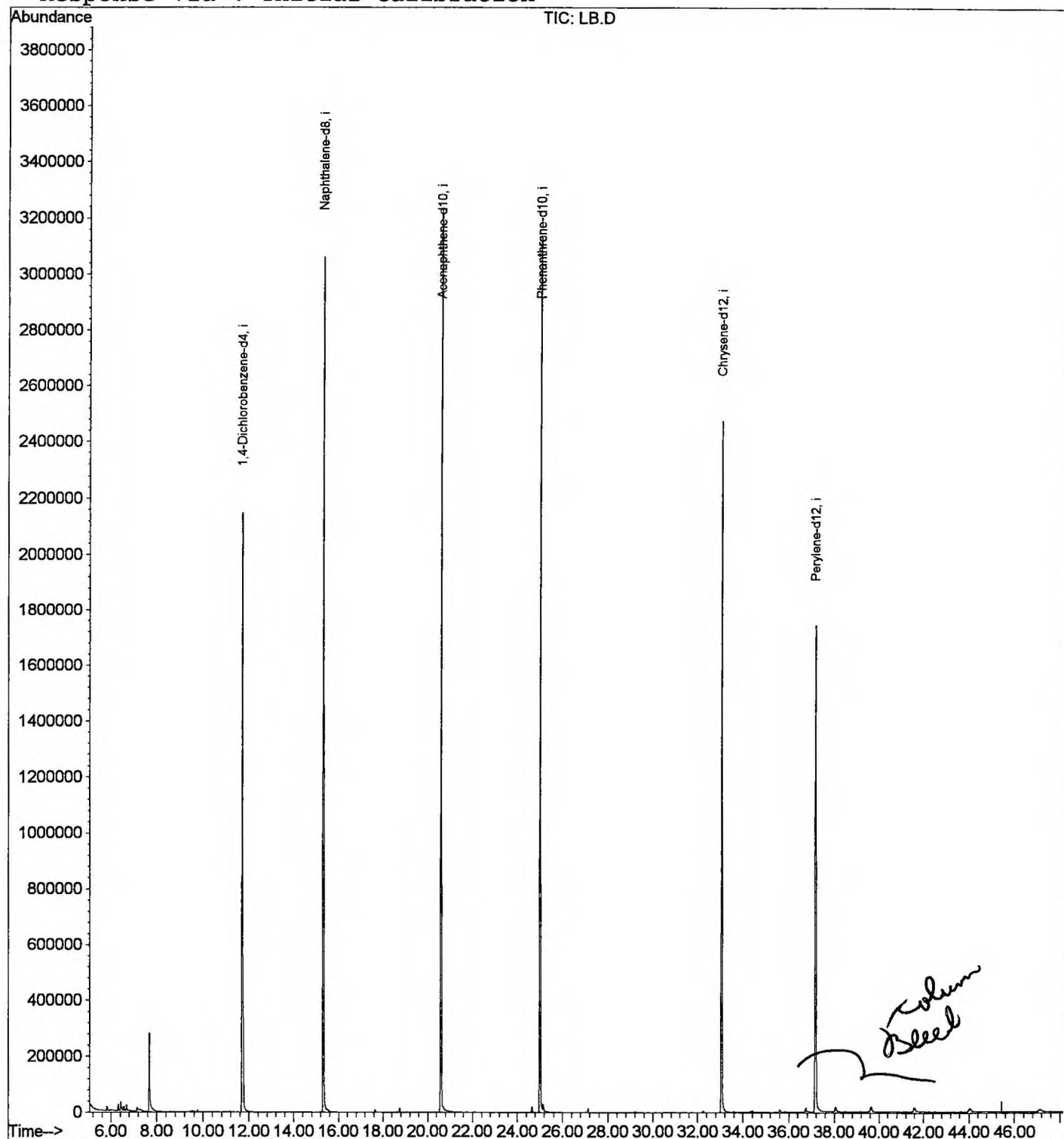
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0801\LB.D
Acq On : 9 Nov 2001 1:14 pm
Sample : 10/23
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:48 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\NOV0801\LB.D
 Acq On : 9 Nov 2001 1:14 pm
 Sample : 10/23
 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

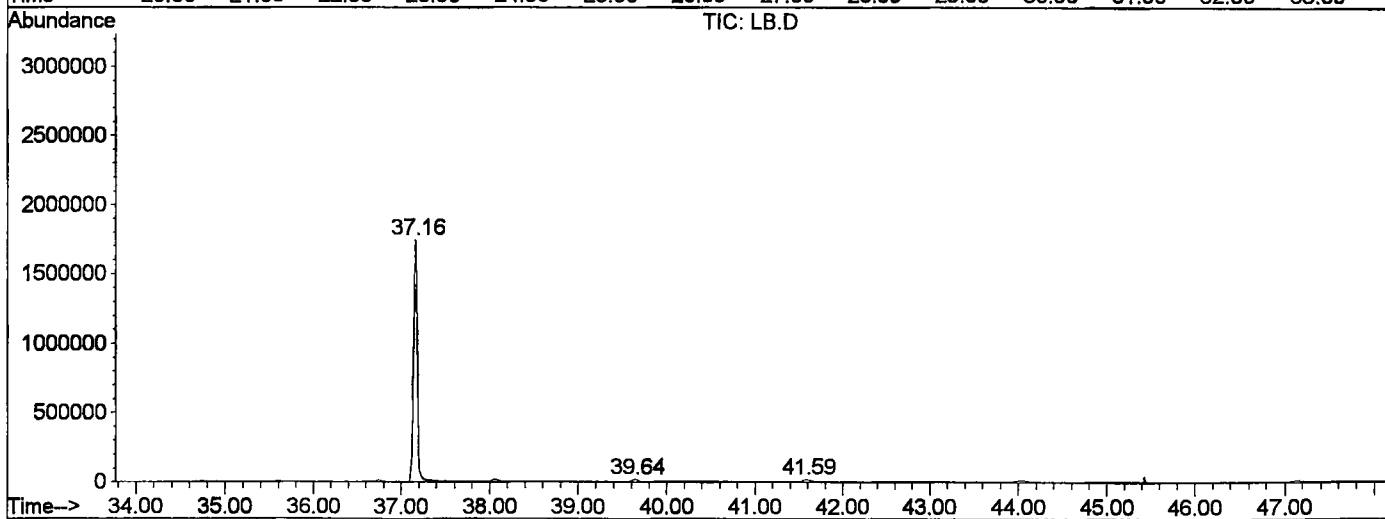
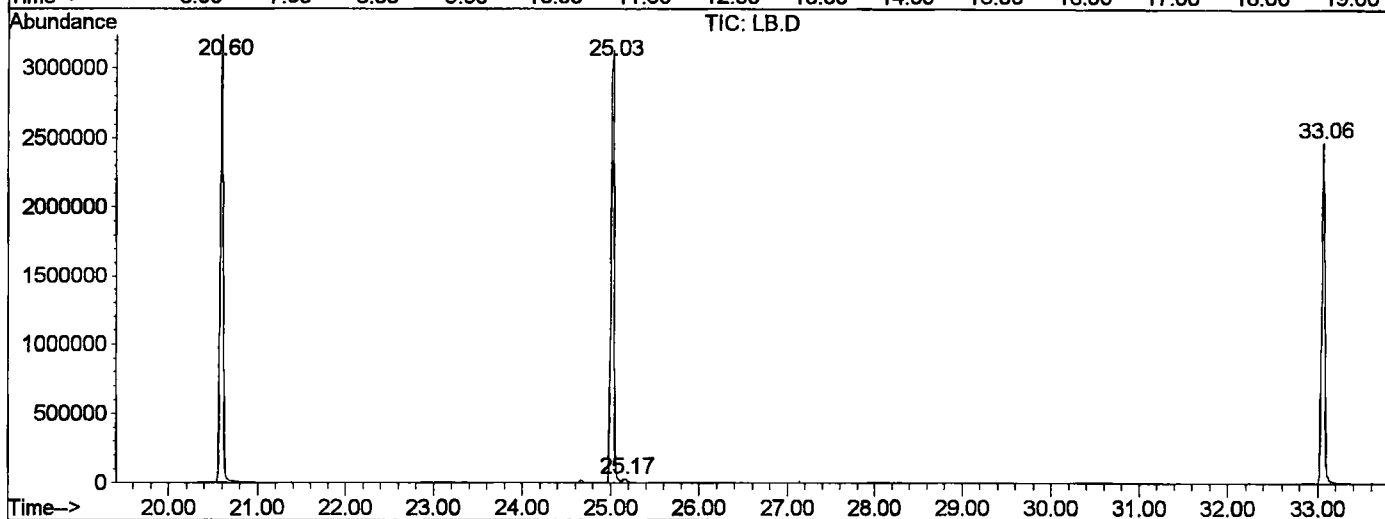
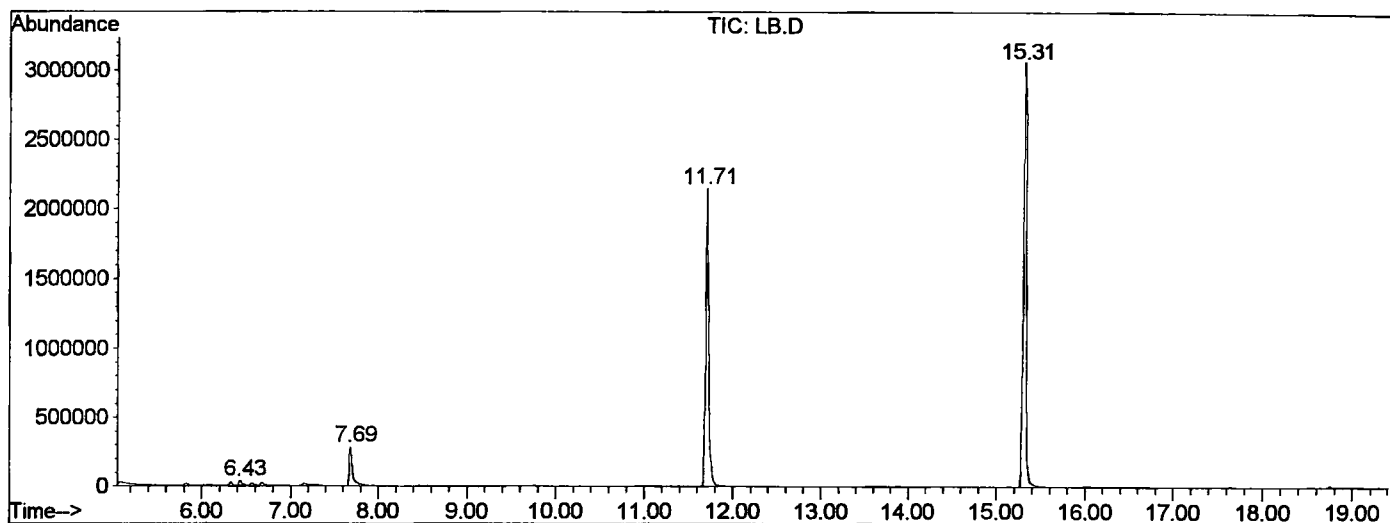
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.428	148	151	161	rVV	32689	81555	1.09%	0.211%
2	7.686	284	288	314	rBV	280652	716655	9.58%	1.858%
3	11.707	720	726	741	rBV	2146827	5050982	67.53%	13.093%
4	15.315	1113	1119	1138	rBV	3064402	6818635	91.16%	17.675%
5	20.602	1688	1695	1715	rBV	3234344	7479592	100.00%	19.388%
6	25.027	2170	2177	2188	rBV2	3124814	7181757	96.02%	18.616%
7	25.165	2188	2192	2207	rVB	28343	90243	1.21%	0.234%
8	33.060	3044	3052	3072	rBV2	2473512	5910226	79.02%	15.320%
9	37.164	3490	3499	3517	rBV2	1739787	5087946	68.02%	13.188%
10	39.642	3759	3769	3778	rBV4	17869	84295	1.13%	0.219%
11	41.589	3973	3981	3992	rBV8	14108	76960	1.03%	0.199%

Sum of corrected areas: 38578846

LB.D NP103001.M Tue Nov 27 12:31:20 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0801\LB.D
Operator : 209 GALOS
Acquired : 9 Nov 2001 1:14 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 10/23
Misc Info :
Vial Number: 2
Quant File :NP103001.RES (RTE Integrator)



LB.D NP103001.M Tue Nov 27 12:31:23 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0801\LB.D
 Acq On : 9 Nov 2001 1:14 pm
 Sample : 10/23
 Misc :
 MS Integration Params: LSCINT.P

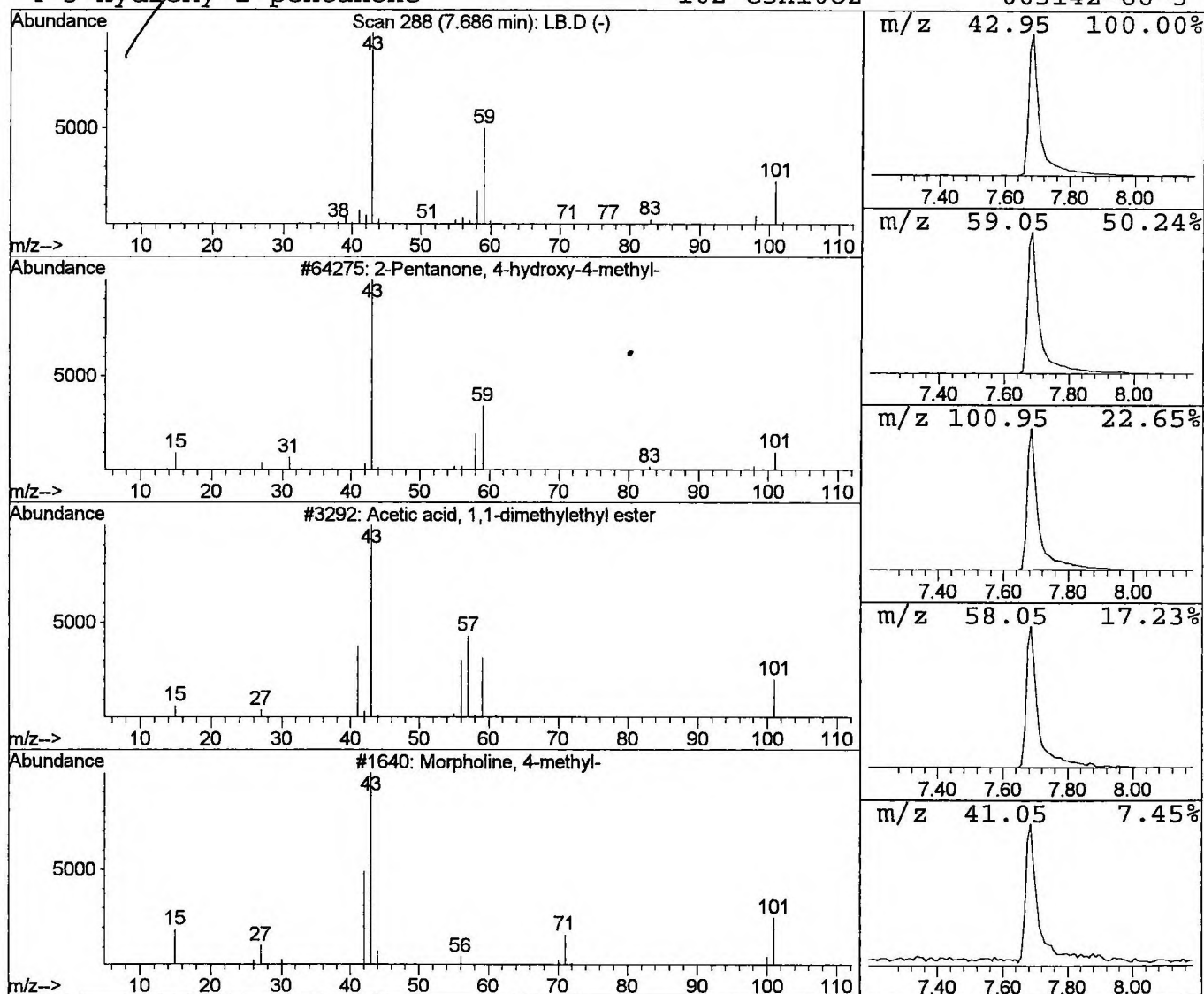
Vial: 2
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.84 ug/l	716655	1,4-Dichlorobenzene-d4	11.71

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			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Nov 2001 1:14 pm
 Data File: C:\HPCHEM\1\DATA\NOV0801\LB.D
 Name: 10/23
 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	7.69	2.8	ug/l	716655	ISTD01	11.71	5050980	20.0
LB.D NP103001.M	Tue Nov 27 12:31:28	2001						