Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\LB.D Vial: 2
Acq On : 12 Dec 2001 4:13 pm 27193-4 Operator: GALOS
Sample : gc/ms unknown 11/14 27232-3 Inst : GC/MS Ins
Misc : 27274-5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:16 2001 27288-90 Quant Results File: NP112701.RES
27389-95 27490-92
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.84	152	1324056	20.00	ng/uL	-0.10
19) Naphthalene-d8	15.44	136	5190730	20.00	ng/uL	-0.11
31) Acenaphthene-d10	20.71	164	2290478	20.00	ng/uL	-0.11
49) Phenanthrene-d10	25.12	188	3449662m	20.00	ng/uL	-0.12
59) Chrysene-d12	33.13	240	2219887	20.00	ng/uL	-0.12
68) Perylene-d12	37.21	264	1609473	20.00	ng/uL	-0.13
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount 75.000	Range 18 - 42		Recovery =	0.00%#		
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount 75.000	Range 19 - 32		Recovery =	0.00%#		
6) 2-Chlorophenol-d4	11.84	132	1560	0.02	ng/uL	0.41
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.03%#		
7) 1,2-Dichlorobenzene-d4	12.07	152	293	0.01	ng/uL	-0.39
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.87	172	2341	0.02	ng/uL	0.04
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.04%#		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 45 - 96		Recovery =	0.00%#		
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount 50.000	Range 58 - 98		Recovery =	0.00%#		
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitrosodimethylamine	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.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\LB.D Vial: 2
Acq On : 12 Dec 2001 4:13 pm Operator: GALOS
Sample : gc/ms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:16 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
17)	N-Nitrosodi-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.		
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	15.49	128	1169	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-Chlorophenylphenylether	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	169	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.	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.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\LB.D Vial: 2
Acq On : 12 Dec 2001 4:13 pm Operator: GALOS
Sample : gc/ms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:16 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	29.38	184	309	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.13	228	4786	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.39	149	2278	N.D.	
67)	Chrysene	33.13	228	4786	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.21	252	5725	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

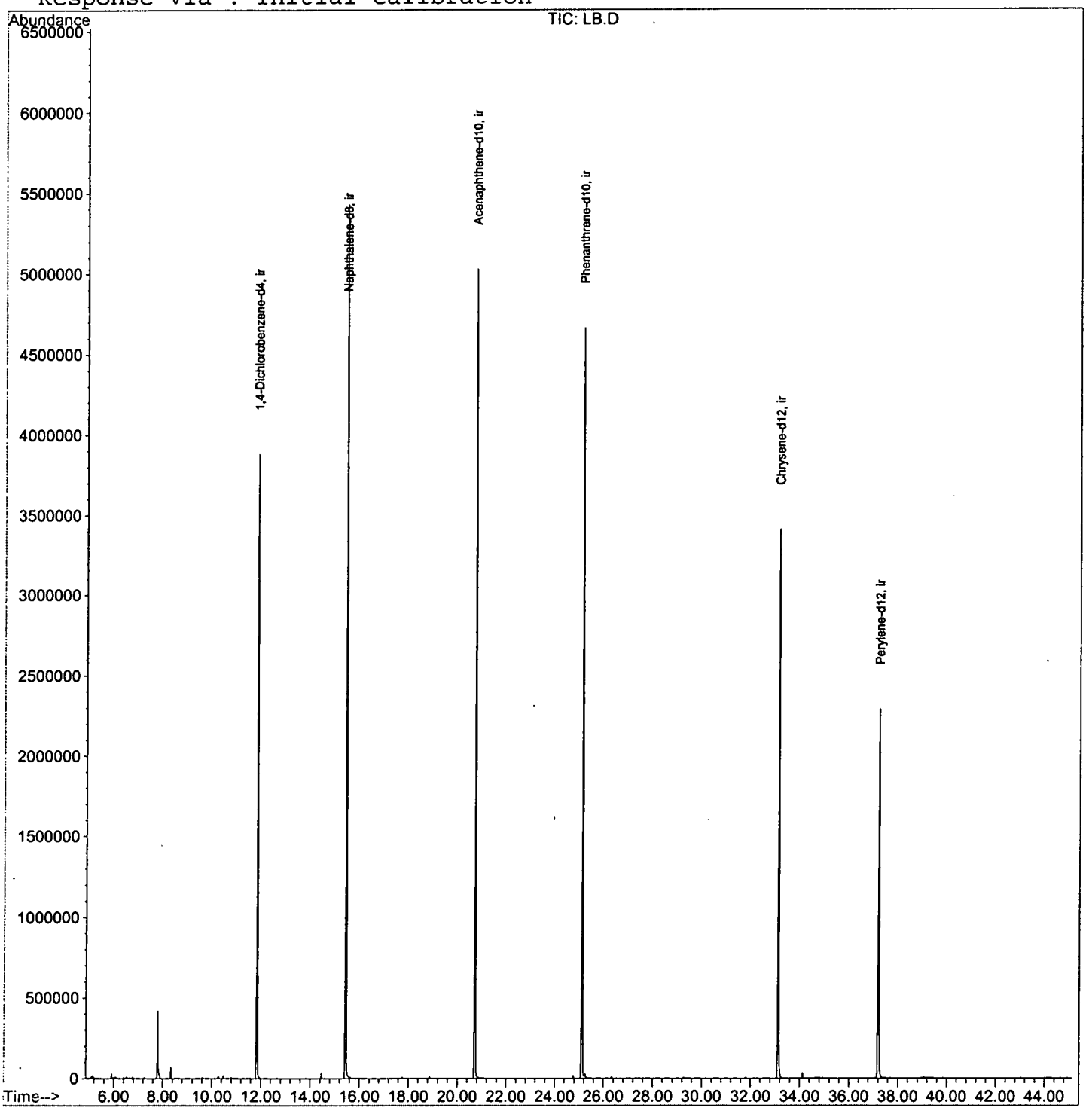
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1201\LB.D
Acq On : 12 Dec 2001 4:13 pm
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:16 2001

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

Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Fri Dec 14 09:15:17 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1201\LB.D Vial: 2
Acq On : 12 Dec 2001 4:13 pm Operator: GALOS
Sample : gc/ms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/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

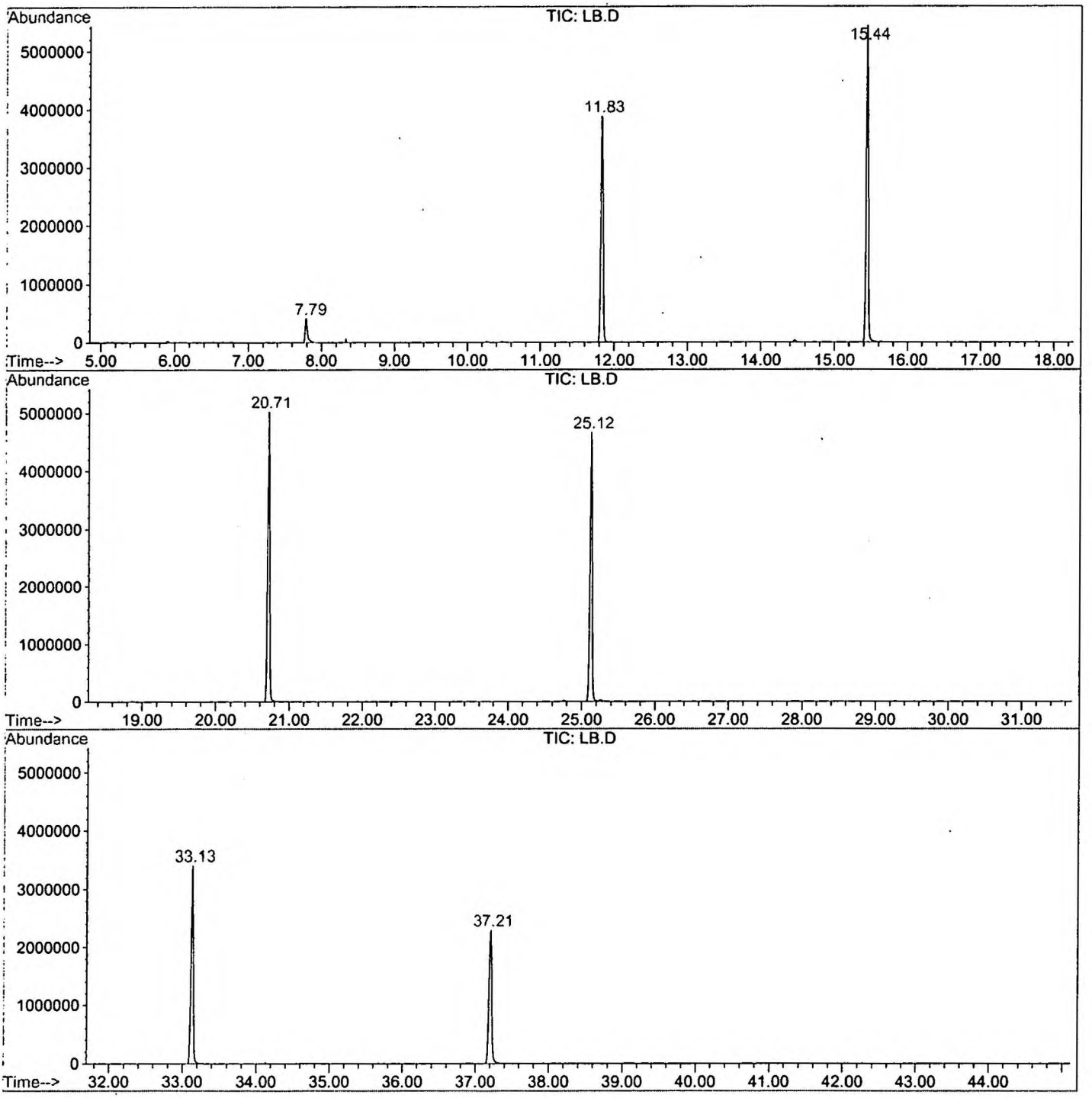
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.792	318	322	339	rVB	418506	948542	9.01%	1.784%
2	11.827	757	762	775	rBV	3880140	8242316	78.31%	15.500%
3	15.440	1150	1156	1171	rBV	5432775	10525137	100.00%	19.793%
4	20.712	1725	1731	1750	rBV	5030533	10359741	98.43%	19.482%
5	25.123	2205	2212	2223	rBV2	4665418	9742303	92.56%	18.320%
6	33.129	3077	3085	3103	rBV2	3411200	7252531	68.91%	13.638%
7	37.209	3520	3530	3542	rBV	2291771	6106676	58.02%	11.484%

Sum of corrected areas: 53177246

LB.D NP112701.M Fri Dec 14 10:09:33 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\LB.D
Operator : GALOS
Acquired : 12 Dec 2001 4:13 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/14
Misc Info :
Vial Number: 2
Quant File :NP112701.RES (RTE Integrator)



LB.D NP112701.M Fri Dec 14 10:09:35 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\LB.D
Acq On : 12 Dec 2001 4:13 pm
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: LSCINT.P

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

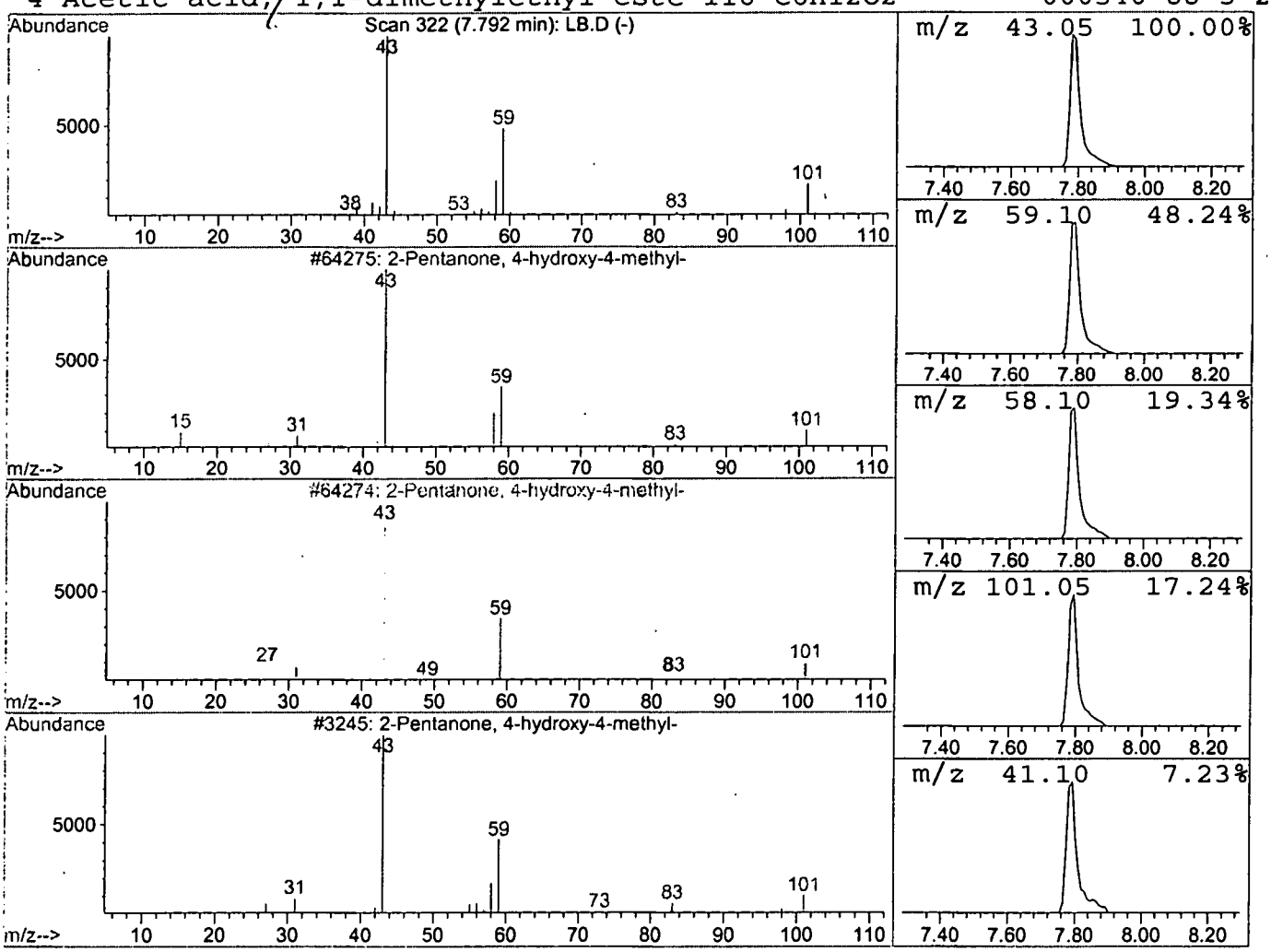
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	2.30 ng/uL	948542	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	25



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 12 Dec 2001 4:13 pm
Data File: C:\HPCHEM\1\DATA\DEC1201\LB.D
Name: gc/ms unknown 11/14
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/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	7.79	2.3	ng/uL	948542	ISTD01	11.84	8242320	20.0

LB.D NP112701.M Fri Dec 14 10:09:39 2001