

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT0101\LBF.D Vial: 6
 Acq On : 1 Oct 2001 6:37 pm Operator: 209 GALOS
 Sample : 9/19 Inst : GC/MS 209
 Misc : Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Oct 1 19:25 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 : Thu Sep 13 12:47:04 2001
 Response via : Initial Calibration
 DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.79	152	524389	20.00	ug/l	-0.12
19) Naphthalene-d8	15.40	136	2030695	20.00	ug/l	-0.13
31) Acenaphthene-d10	20.69	164	959821	20.00	ug/l	-0.13
49) Phenanthrene-d10	25.12	188	1383483	20.00	ug/l	-0.12
59) Chrysene-d12	33.16	240	996051	20.00	ug/l	-0.12
68) Perylene-d12	37.28	264	770421	20.00	ug/l	-0.14

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	11.78	132	100	0.00	ug/l	0.37
Spiked Amount	75.000		Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.30	152	5571	0.22	ug/l	-0.13
Spiked Amount	50.000		Recovery	=	0.44%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.83	172	2348	0.04	ug/l	0.02
Spiked Amount	50.000		Recovery	=	0.08%	
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
 LBF.D NP091101.M Wed Oct 03 14:31:33 2001

Quantitation Report (QT Reviewed)

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Vial: 6
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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.		
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	20.92	165	204	N.D.		
45) Diethylphthalate	22.19	149	326	N.D.		
46) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	N.D.		
48) Azobenzene/ 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	25.11	178	102	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.11	149	3146	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	33.16	228	2529	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	4160	N.D.		
67) Chrysene	33.16	228	2529	N.D.		
69) Di-n-Octylphthalate	35.17	149	187	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		

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Operator: 209 GALOS

Sample : 9/19

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 1 19:25 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 : Thu Sep 13 12:47:04 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	37.27	252	2815	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.		

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LBF.D NP091101.M Wed Oct 03 14:31:40 2001

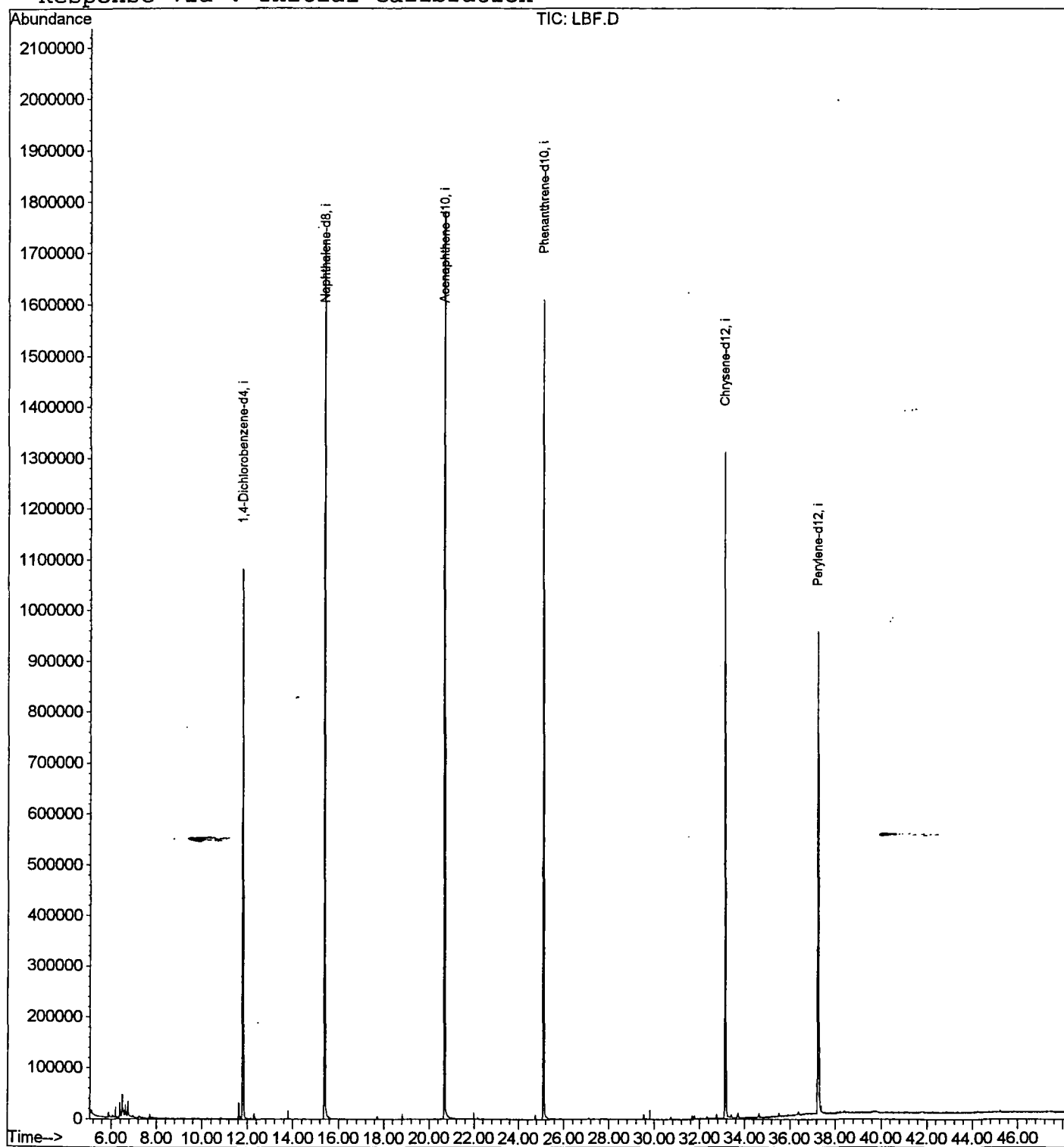
Quantitation Report

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Sample : 9/19
Misc :
MS Integration Params: RTEINT.P
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Vial: 6
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Multiplr: 1.00

Quant Results File: NP091101.RES

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT0101\LBF.D
 Acq On : 1 Oct 2001 6:37 pm
 Sample : 9/19
 Misc :
 MS Integration Params: LSCINT.P

Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 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	6.383	142	146	154	rBV	28377	66477	1.75%	0.334%
2	6.484	154	157	161	rBV	41805	86145	2.27%	0.432%
3	6.622	168	172	181	rVB	22253	48246	1.27%	0.242%
4	6.741	181	185	192	rBV	28470	61353	1.61%	0.308%
5	11.643	714	719	729	rBV	31830	73046	1.92%	0.366%
6	11.790	729	735	747	rBV	1081187	2703799	71.17%	13.566%
7	15.398	1122	1128	1145	rBV	1726171	3687575	97.06%	18.502%
8	20.686	1697	1704	1716	rBV	1781605	3799085	100.00%	19.061%
9	25.120	2179	2187	2198	rBV	1610218	3492472	91.93%	17.523%
10	33.162	3055	3063	3074	rBV2	1310493	3099765	81.59%	15.552%
11	37.284	3502	3512	3525	rBV2	947386	2813248	74.05%	14.115%

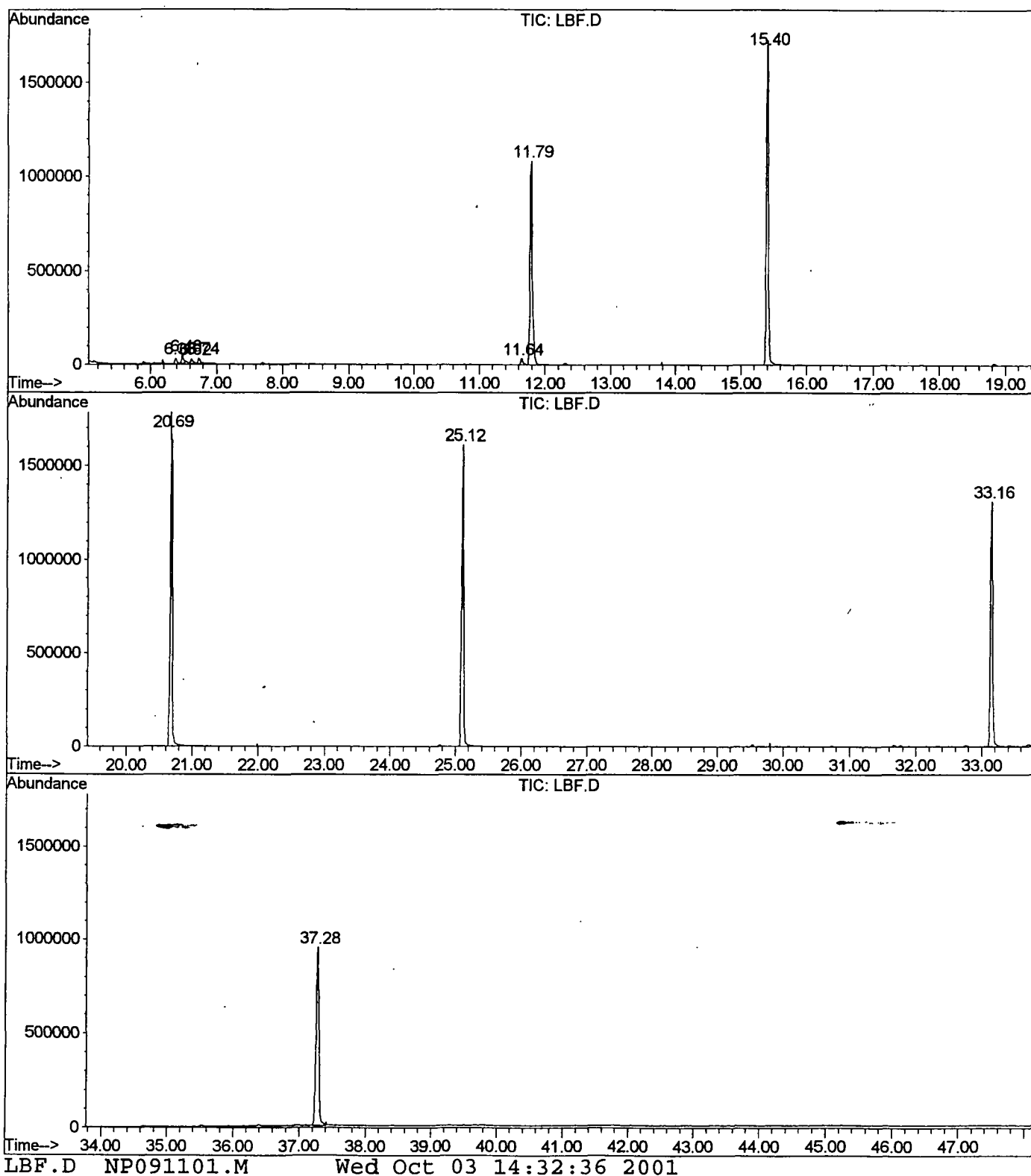
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LBF.D NP091101.M

Wed Oct 03 14:32:33 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT0101\LBF.D
Operator : 209 GALOS
Acquired : 1 Oct 2001 6:37 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: 9/19
Misc Info :
Vial Number: 6
Quant File :NP091101.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0101\LBF.D
 Acq On : 1 Oct 2001 6:37 pm
 Sample : 9/19
 Misc :
 MS Integration Params: LSCINT.P

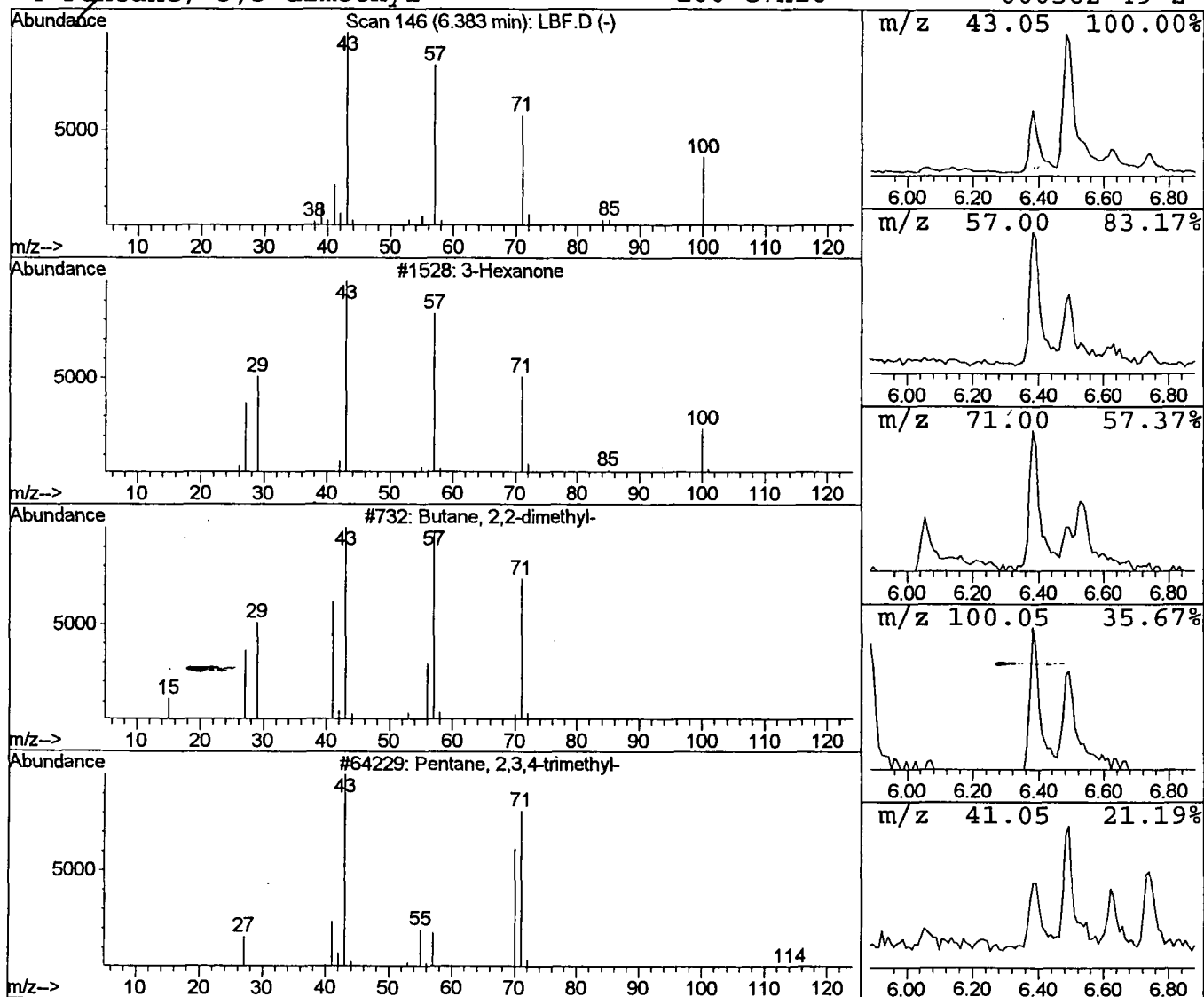
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.49 ug/l	66477	1,4-Dichlorobenzene-d4	11.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexanone	100	C6H12O	000589-38-8	83
2		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38



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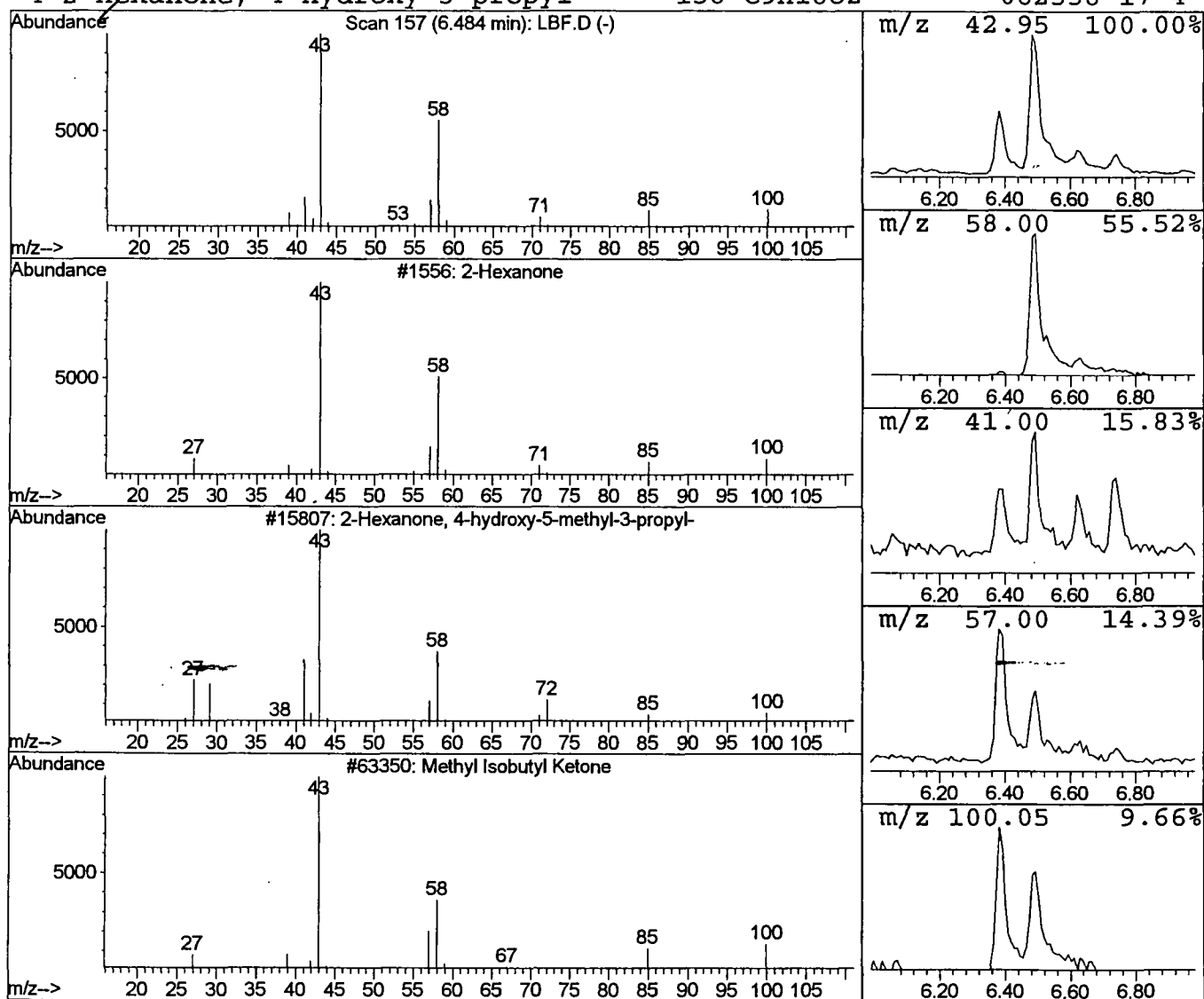
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

Peak Number 2 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.64 ug/l	86145	1,4-Dichlorobenzene-d4	11.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	91
2			2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	59
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	56



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 Sample : 9/19
 Misc :
 MS Integration Params: LSCINT.P

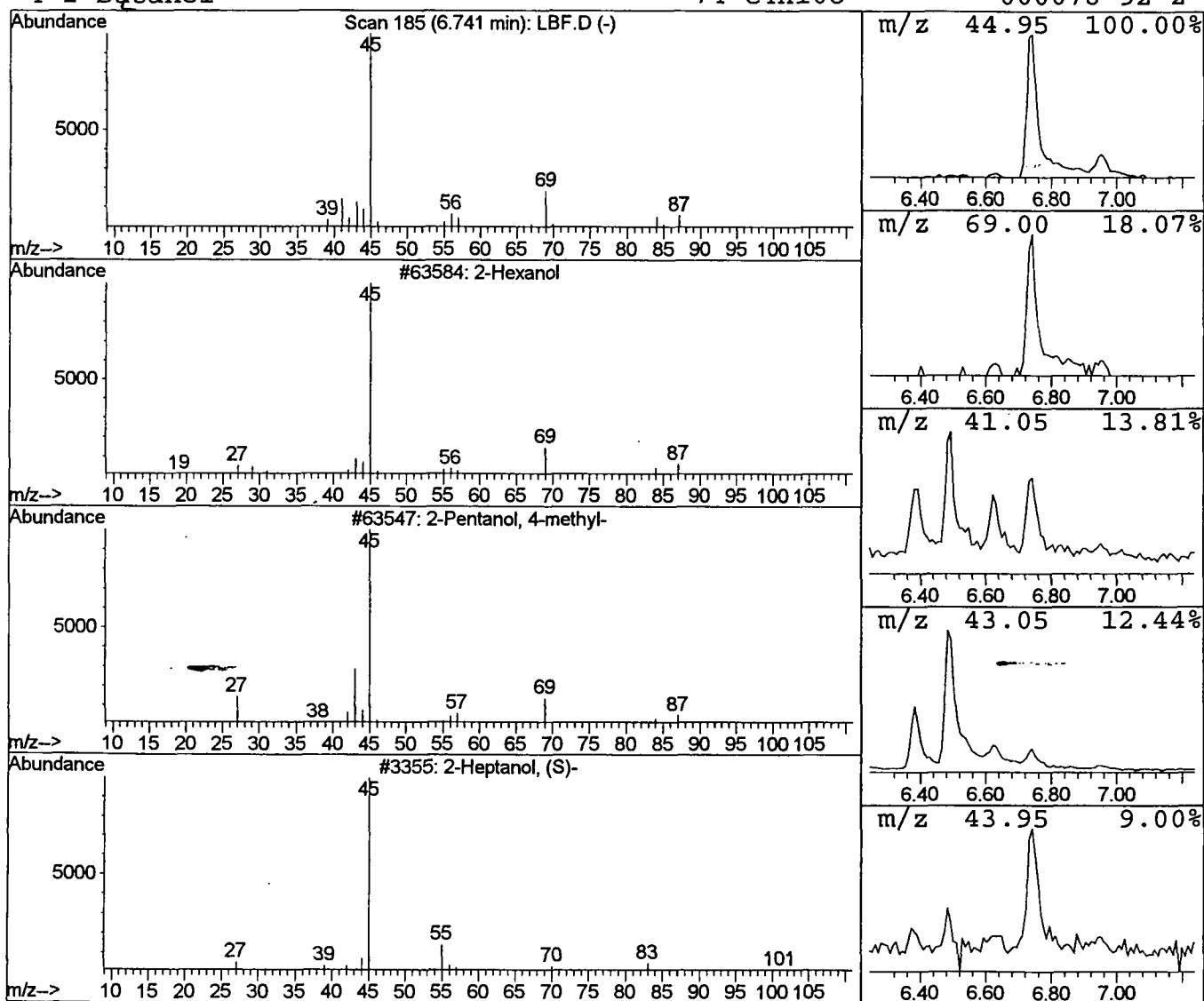
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 2-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.45 ug/l	61353	1,4-Dichlorobenzene-d4	11.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanol	102	C6H14O	000626-93-7	83
2		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3		2-Heptanol, (S)-	116	C7H16O	006033-23-4	39
4		2-Butanol	74	C4H10O	000078-92-2	39



Library Search Compound Report

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Misc :
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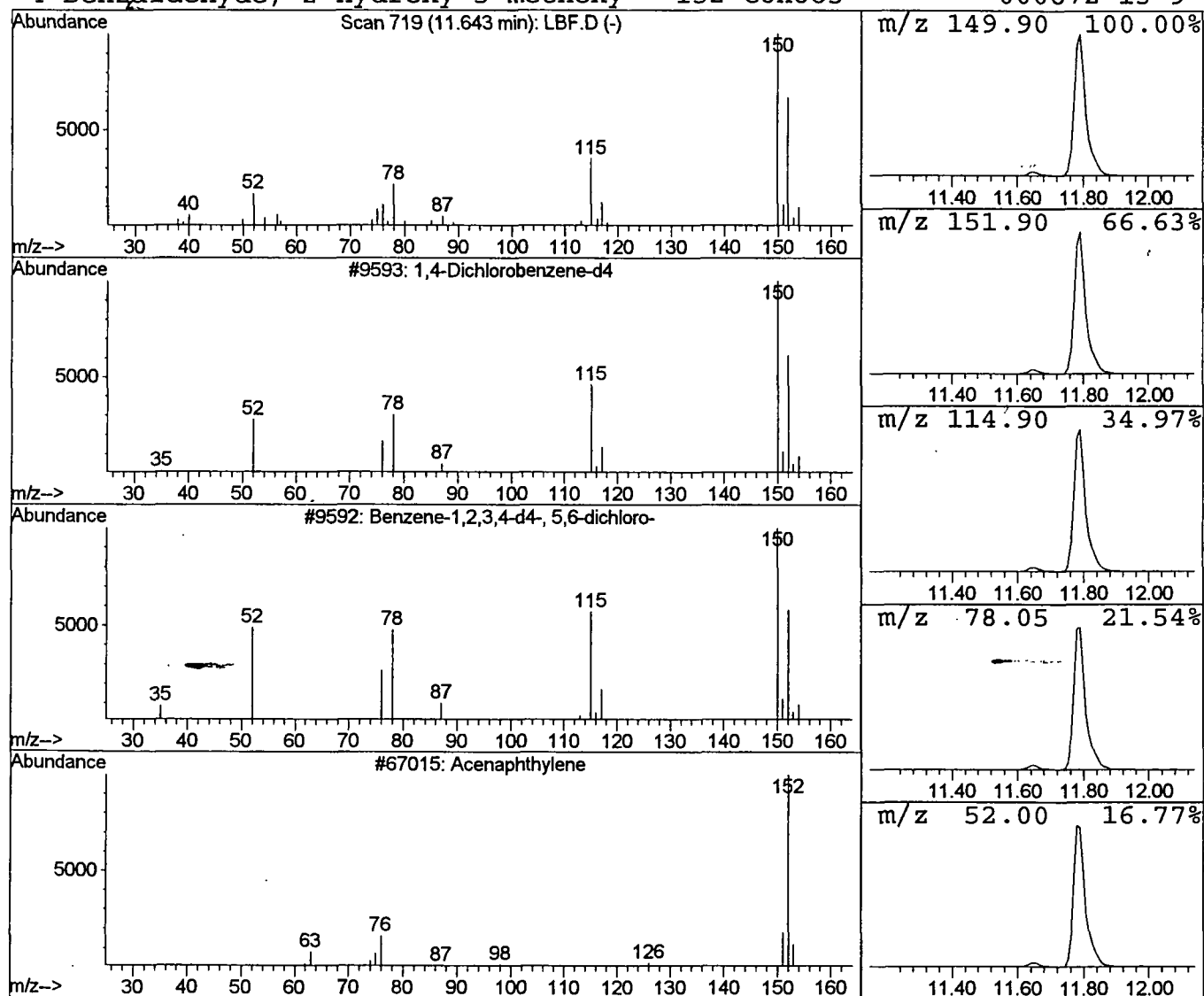
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	0.54 ug/l	73046	1,4-Dichlorobenzene-d4	11.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	43
3		Acenaphthylene	152	C12H8	000208-96-8	10
4		Benzaldehyde, 2-hydroxy-5-methoxy-	152	C8H8O3	000672-13-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Oct 2001 6:37 pm
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Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Hexanone	6.38	0.5	ug/l	66477	ISTD01	11.79	2703800	20.0
2-Hexanone	6.48	0.6	ug/l	86145	ISTD01	11.79	2703800	20.0
2-Hexanol	6.74	0.5	ug/l	61353	ISTD01	11.79	2703800	20.0
1,4-Dichlorobenzene-	11.64	0.5	ug/l	73046	ISTD01	11.79	2703800	20.0

LBF.D NP091101.M Wed Oct 03 14:32:46 2001