Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\LBB.D
Acq On : 20 Dec 2001 5:58 pm
Sample : gcms unknown 11/20
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 21 8:44 2001

27872-4
27951-957

Vial: 3
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00
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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.86	152	1258424	20.00	ng/uL	-0.08
19) Naphthalene-d8	15.47	136	5072450	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.75	164	2202381	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	3290344	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	2296947	20.00	ng/uL	-0.08
68) Perylene-d12	37.25	264	1215286	20.00	ng/uL	-0.09
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	11.86	132	1037	0.01	ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.05	152	276	0.01	ng/uL	-0.41
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	18.89	172	2693	0.02	ng/uL	0.06
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\DEC1901\LBB.D Vial: 3
Acq On : 20 Dec 2001 5:58 pm Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 8:44 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	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.	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	22.24	149	309	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.	
55) Phenanthrene	25.16	178	278	N.D.	
56) Anthracene	25.16	178	278	N.D.	
57) Di-n-butylphthalate	27.14	149	10221	N.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\DEC1901\LBB.D Vial: 3
Acq On : 20 Dec 2001 5:58 pm Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 8:44 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

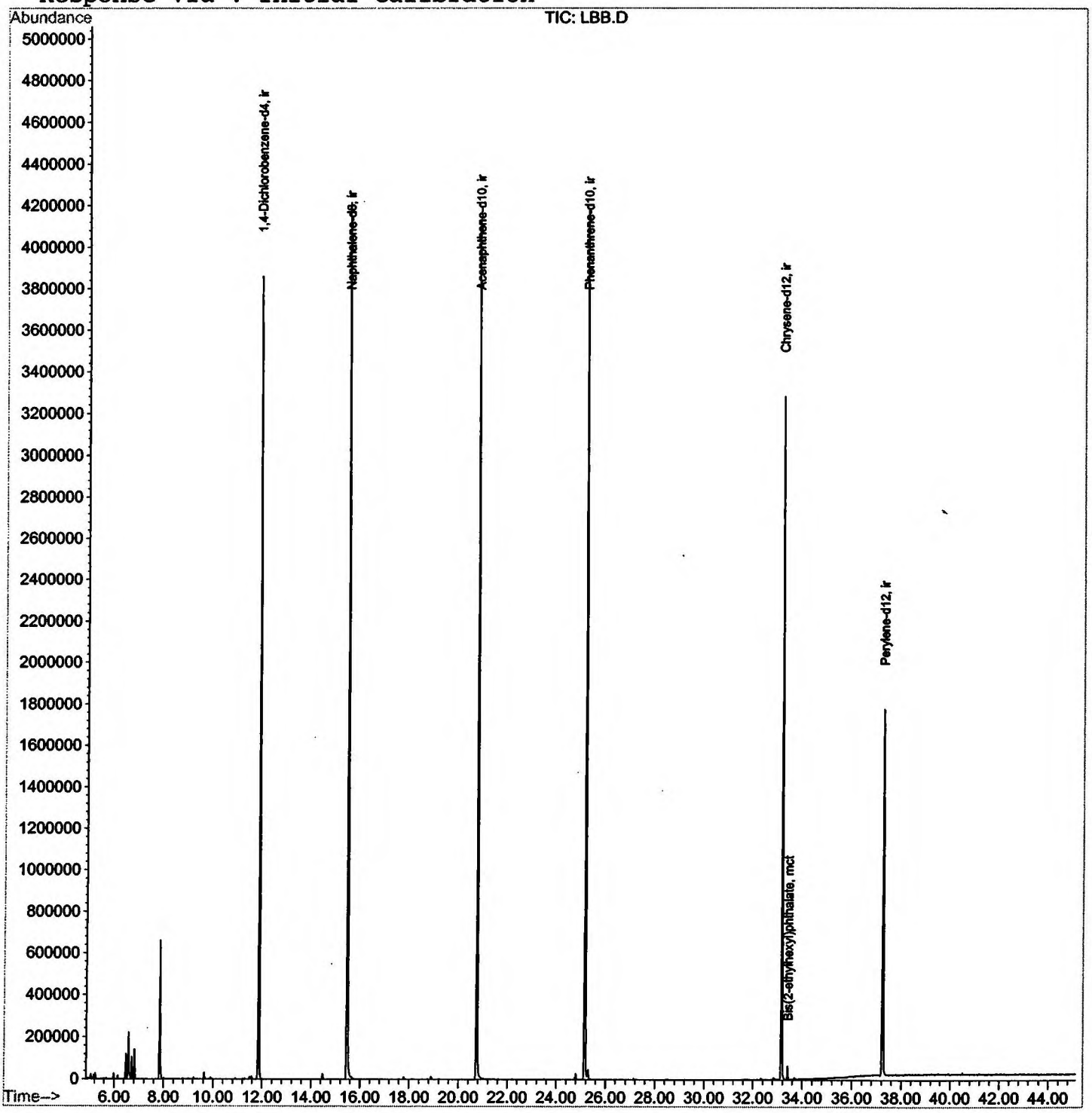
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.17	228	5244	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.42	149	38639	0.29 ng/uL	94
67)	Chrysene	33.17	228	5244	N.D.	
69)	Di-n-Octylphthalate	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	37.25	252	4589	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\DEC1901\LBB.D Vial: 3
Acq On : 20 Dec 2001 5:58 pm Operator: GALOS
Sample : gcms unknown 11/20 Inst . : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 8:44 2001 Quant Results File: NP112701.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\LBB.D Vial: 3
Acq On : 20 Dec 2001 5:58 pm Operator: GALOS
Sample : gcms unknown 11/20 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

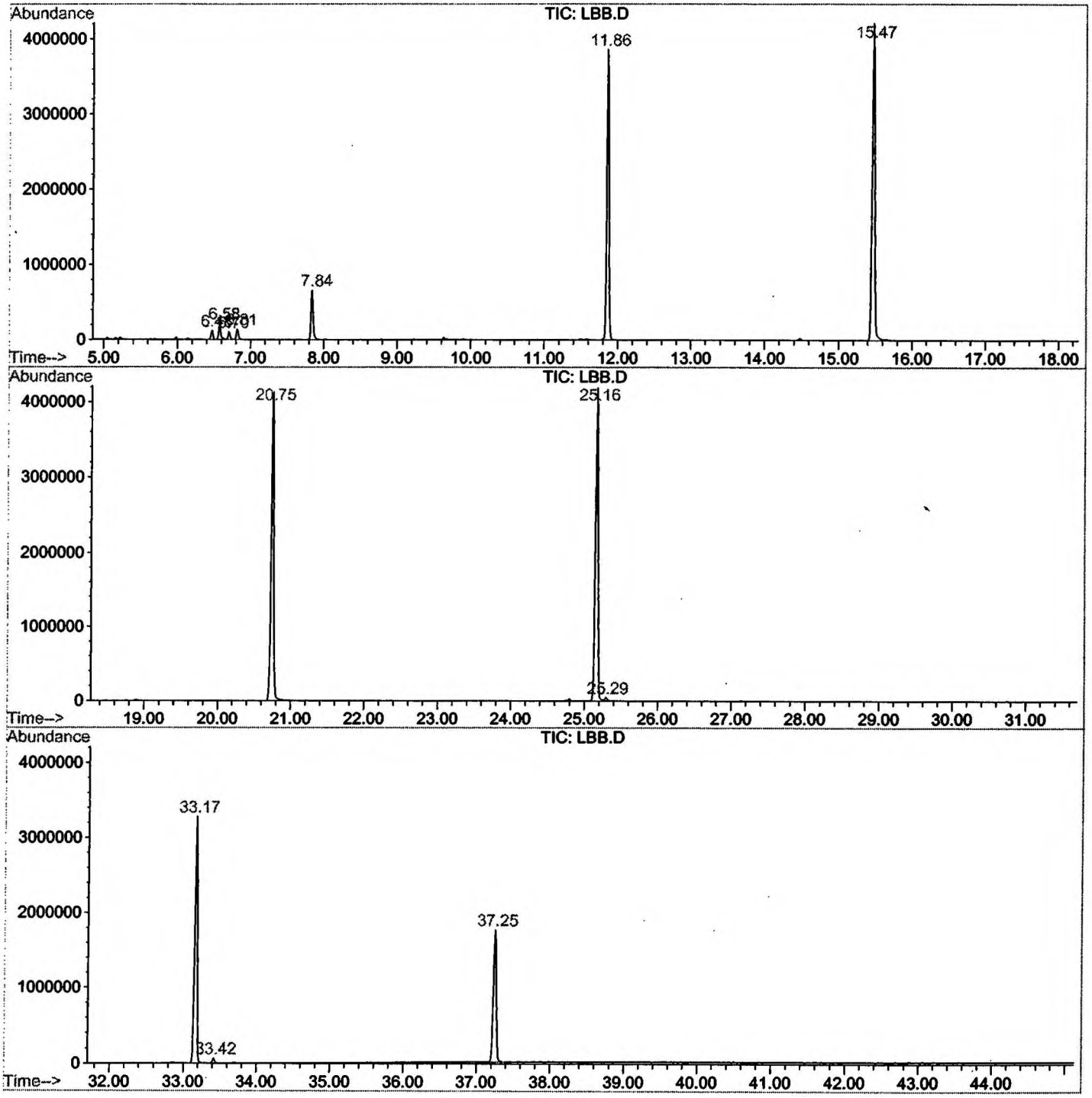
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.475	170	178	183	rBV	122177	228648	2.20%	0.430%
2	6.576	183	189	193	rBV	218498	415225	4.00%	0.782%
3	6.704	198	203	210	rVB	105833	194506	1.87%	0.366%
4	6.814	210	215	224	rBV	142561	286493	2.76%	0.539%
5	7.841	322	327	341	rBV	660703	1337086	12.87%	2.517%
6	11.858	760	765	777	rVB	3858224	7878012	75.82%	14.831%
7	15.471	1151	1159	1176	rBV	4216244	10390920	100.00%	19.562%
8	20.753	1726	1735	1758	rBV	4136074	10038347	96.61%	18.898%
9	25.164	2207	2216	2226	rBV2	4189529	9495564	91.38%	17.876%
10	25.292	2226	2230	2237	rVB2	45182	108060	1.04%	0.203%
11	33.169	3080	3089	3100	rBV2	3281243	7748434	74.57%	14.587%
12	33.417	3109	3116	3122	rBV	65088	132003	1.27%	0.249%
13	37.250	3526	3534	3548	rBV2	1751320	4865730	46.83%	9.160%

Sum of corrected areas: 53119028

LBB.D NP112701.M Fri Dec 21 10:00:57 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\LBB.D
Operator : GALOS
Acquired : 20 Dec 2001 5:58 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/20
Misc Info :
Vial Number: 3
Quant File :NP112701.RES (RTE Integrator)



LBB.D NP112701.M Fri Dec 21 10:00:59 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\LBB.D Vial: 3
Acq On : 20 Dec 2001 5:58 pm Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

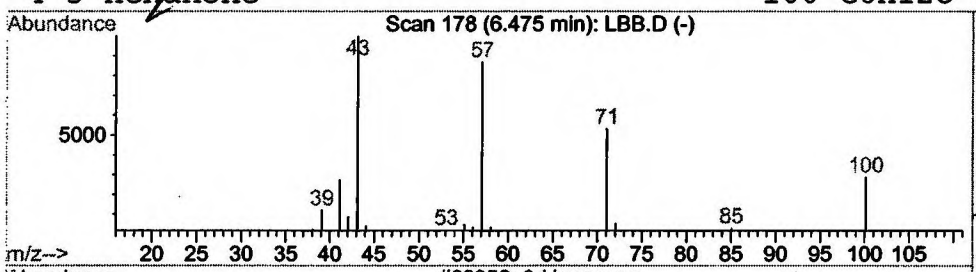
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

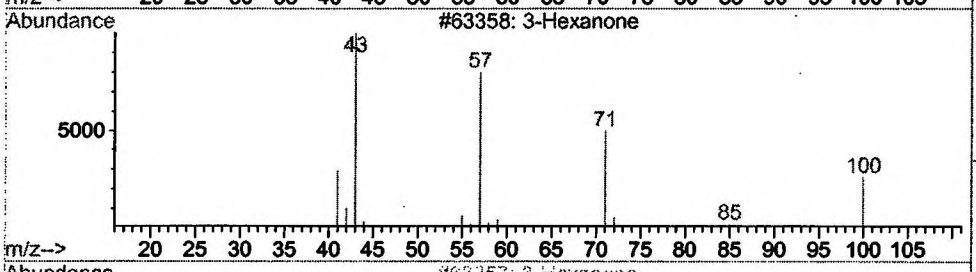
****

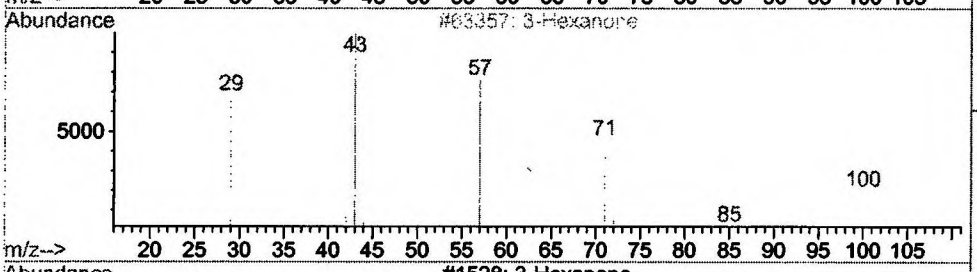
Peak Number 1 3-Hexanone Concentration Rank 4

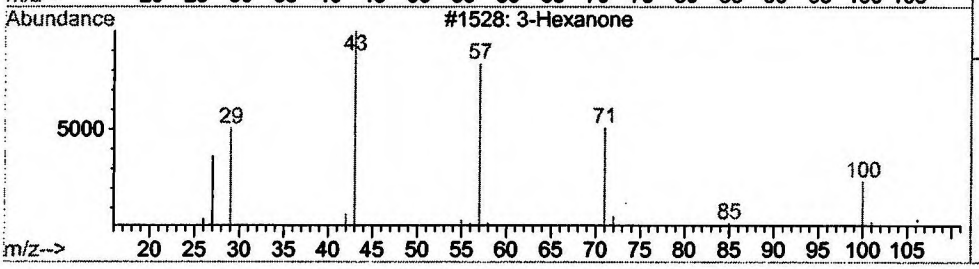
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.58 ng/uL	228648	1,4-Dichlorobenzene-d4	11.86

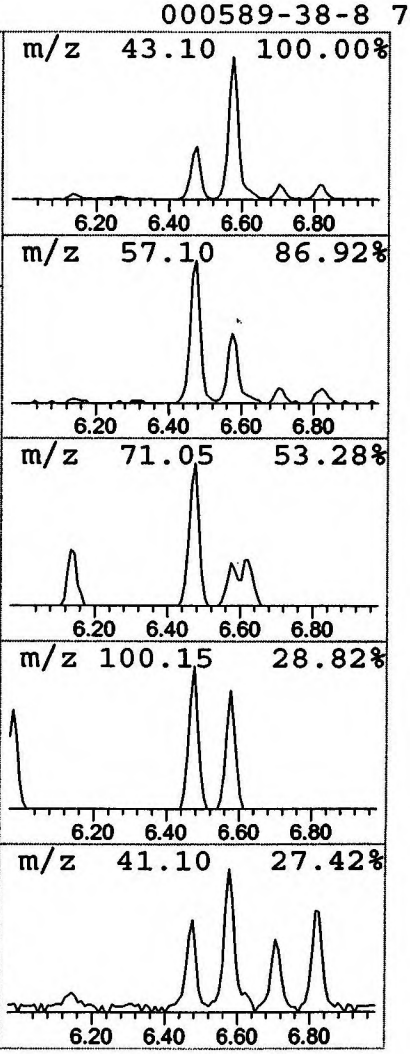
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	3-Hexanone	100	C6H12O	000589-38-8	91
3	3-Hexanone	100	C6H12O	000589-38-8	91
4	3-Hexanone	100	C6H12O	000589-38-8	78











Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\LBB.D
Acq On : 20 Dec 2001 5:58 pm
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: GALOS
Inst. : GC/MS Ins
Multiplr: 1.00

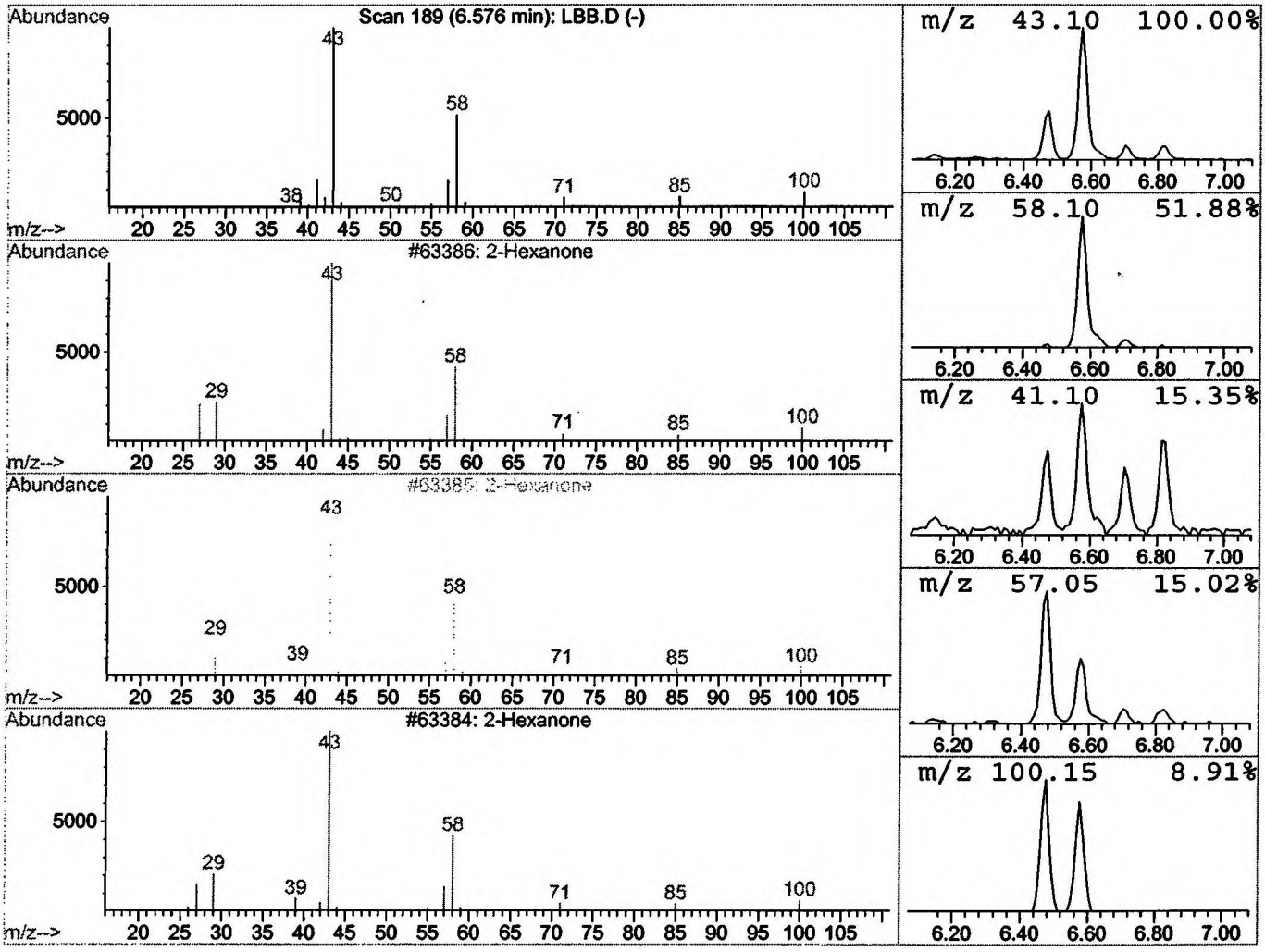
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	1.05 ng/uL	415225	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone	100	C6H12O	000591-78-6	91
3	2-Hexanone	100	C6H12O	000591-78-6	91
4	2-Hexanone	100	C6H12O	000591-78-6	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\LBB.D
Acq On : 20 Dec 2001 5:58 pm
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: GALOS
Inst. : GC/MS Ins
Multiplr: 1.00

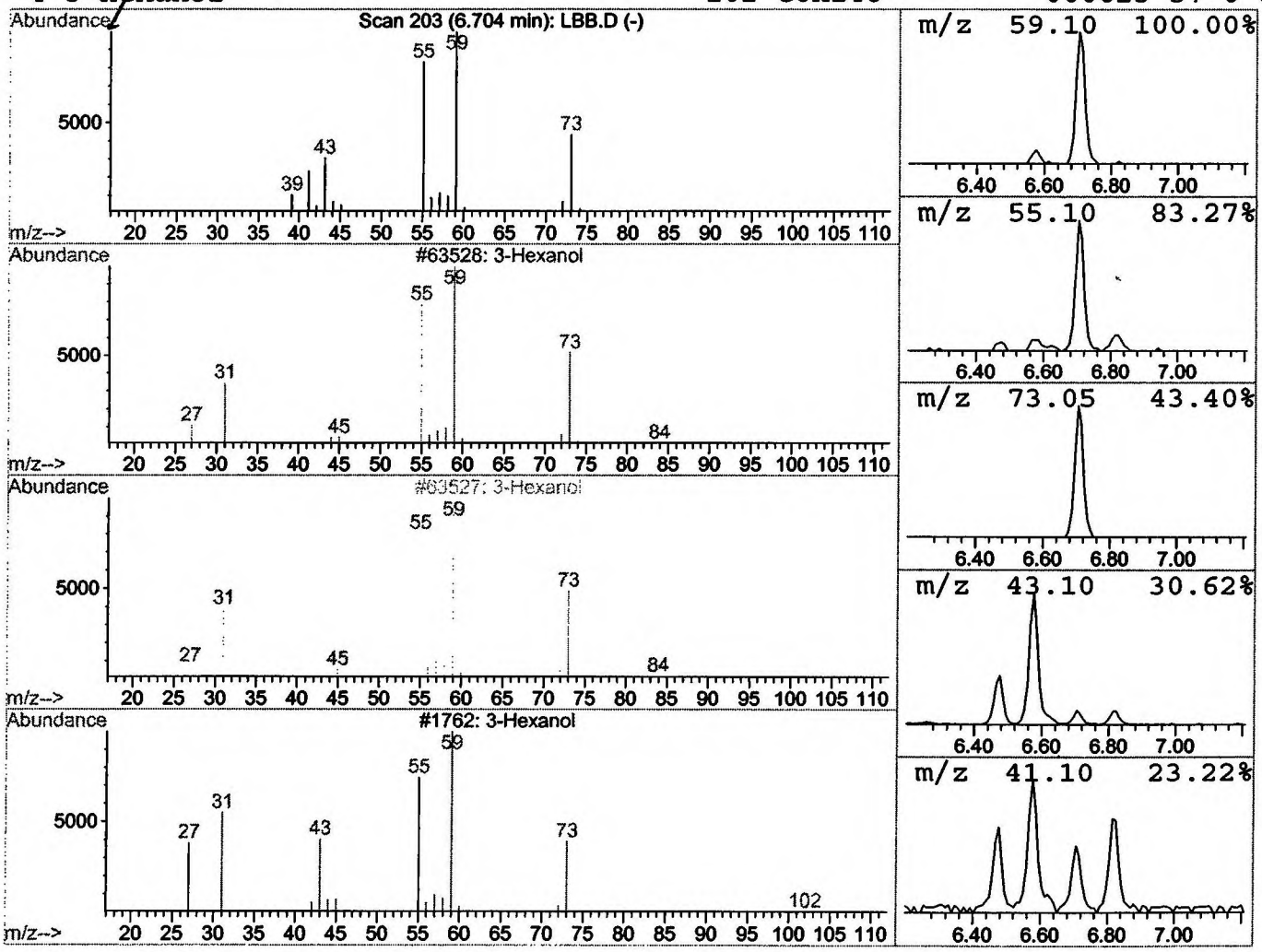
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	0.49 ng/uL	194506	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Hexanol	102	C6H14O	000623-37-0	83
3	3-Hexanol	102	C6H14O	000623-37-0	83
4	3-Hexanol	102	C6H14O	000623-37-0	83



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\LBB.D Vial: 3
Acq On : 20 Dec 2001 5:58 pm Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

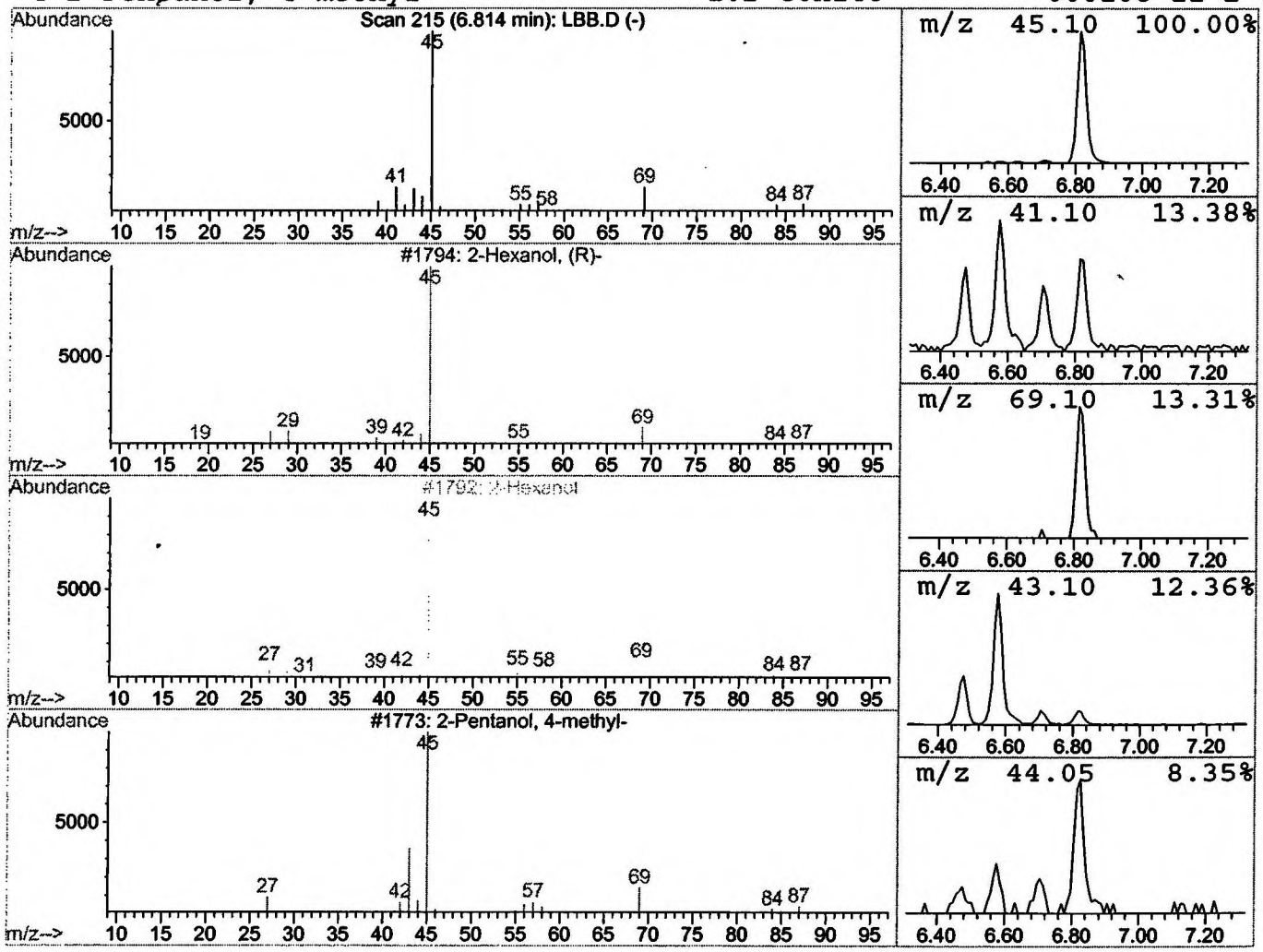
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol, (R)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	0.73 ng/uL	286493	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, (R)-	102	C6H14O	026549-24-6	83
2	2-Hexanol	102	C6H14O	000626-93-7	64
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\LBB.D Vial: 3
Acq On : 20 Dec 2001 5:58 pm Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

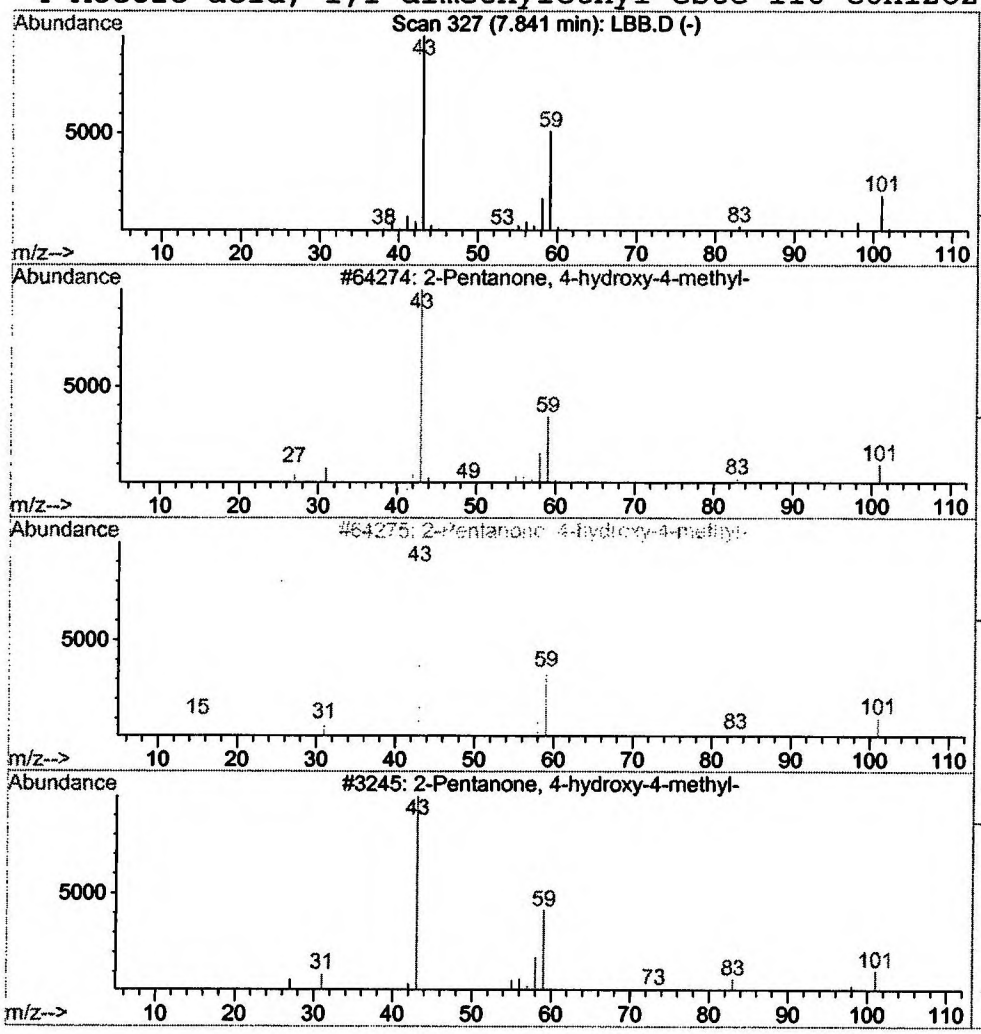
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

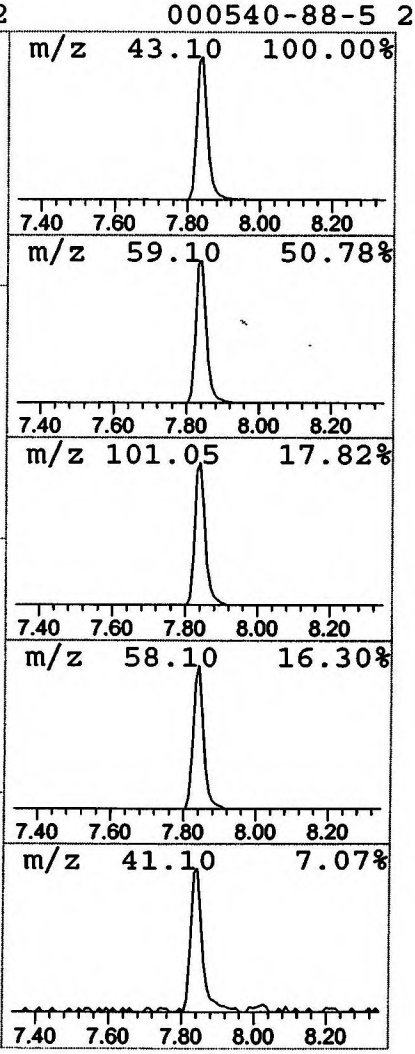
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.39 ng/uL	1337090	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28





Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 5:58 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\LBB.D
Name: gcms unknown 11/20
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
3-Hexanone	6.48	0.6	ng/uL	228648	ISTD01	11.86	7878010	20.0
2-Hexanone	6.58	1.1	ng/uL	415225	ISTD01	11.86	7878010	20.0
3-Hexanol	6.70	0.5	ng/uL	194506	ISTD01	11.86	7878010	20.0
2-Hexanol, (R)-	6.81	0.7	ng/uL	286493	ISTD01	11.86	7878010	20.0
2-Pentanone, 4-hydro	7.84	3.4	ng/uL	1337090	ISTD01	11.86	7878010	20.0

LBB.D NP112701.M Fri Dec 21 10:01:11 2001