Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\LBA.D 26538, 26624-6 Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 2676-82 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P 26710-12
Quant Time: Dec 19 13:07 2001 26827-32 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	11.89	152	824674	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	3071416	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.78	164	1396658	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	1942752	20.00	ng/uL	-0.06
59) Chrysene-d12	33.18	240	1229507	20.00	ng/uL	-0.06
68) Perylene-d12	37.27	264	756315	20.00	ng/uL	-0.06

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	11.89	132	367	0.01	ng/uL	0.47
Spiked Amount 75.000	Range 34 - 84		Recovery = 0.01%#			
7) 1,2-Dichlorobenzene-d4	12.30	152	283	0.01	ng/uL	-0.16
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	18.92	172	880	0.01	ng/uL	0.09
Spiked Amount 50.000	Range 42 - 78		Recovery = 0.02%#			
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	12.90	45	674	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\DEC0601\LBA.D Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 13:07 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	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.	
55)	Phenanthrene	0.00	178	0	N.D.	
56)	Anthracene	0.00	178	0	N.D.	
57)	Di-n-butylphthalate	27.18	149	14063	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\DEC0601\LBA.D Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 13:07 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

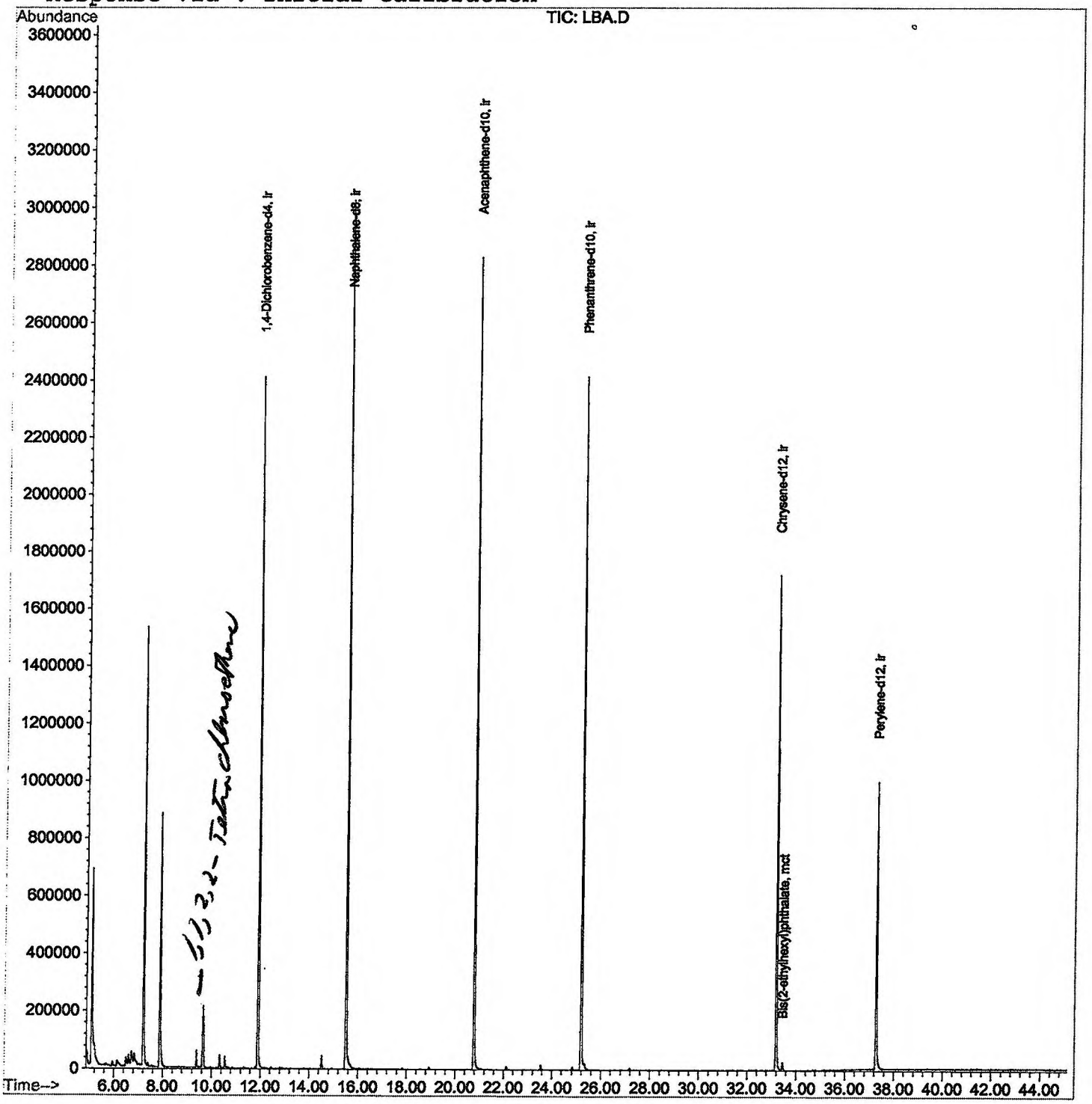
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.19	228	2029	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.45	149	23472	0.33 ng/uL#	90
67)	Chrysene	33.19	228	2029	N.D.	
69)	Di-n-Octylphthalate	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	37.27	252	2547	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\DEC0601\LBA.D Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 13:07 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\DEC0601\LBA.D Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 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

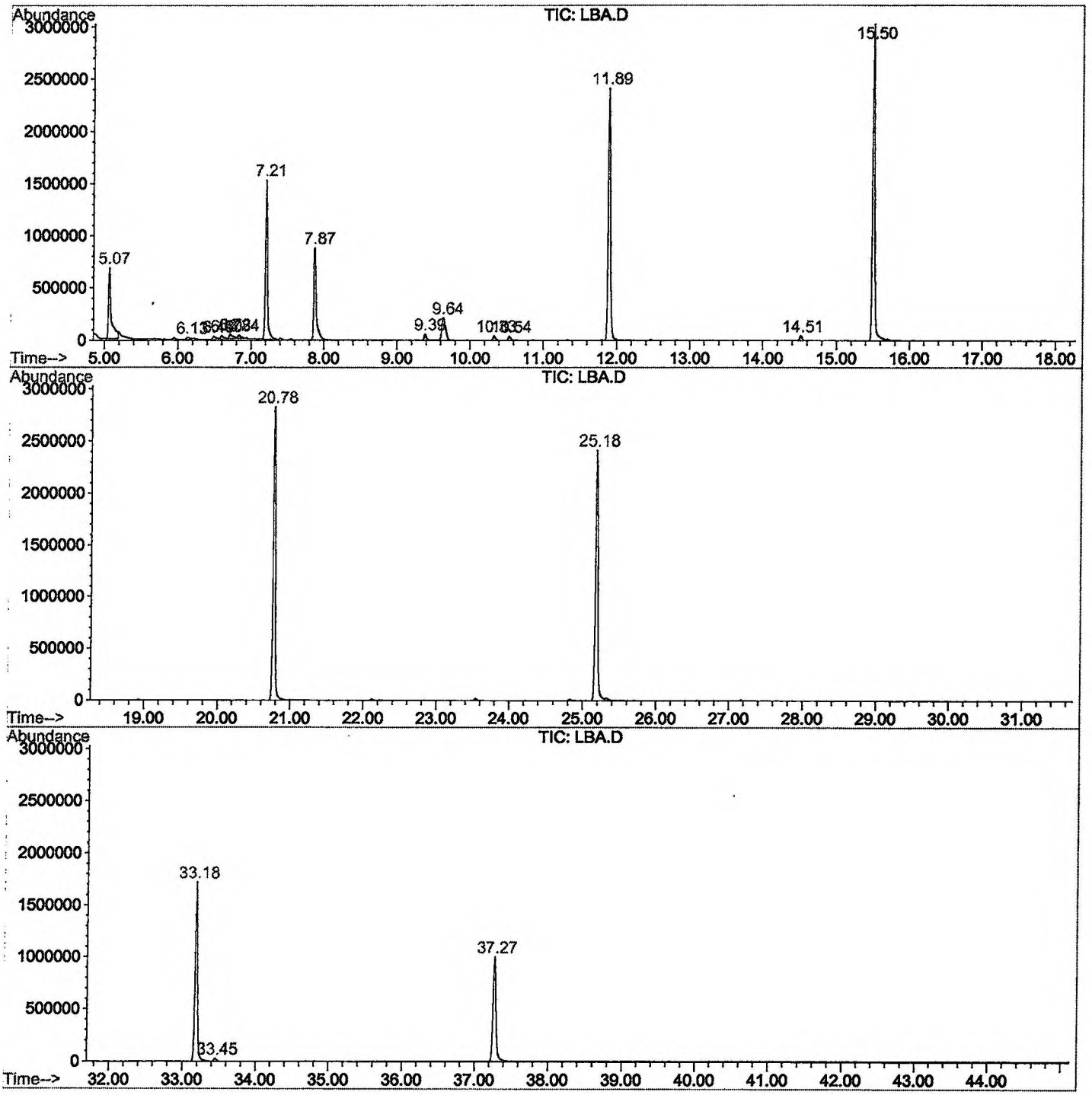
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.069	21	25	38	rBV	678534	1732862	27.89%	4.568%
2	6.132	137	141	147	rBV3	21103	73390	1.18%	0.193%
3	6.490	177	180	188	rBV3	31135	101651	1.64%	0.268%
4	6.600	188	192	201	rVV	35688	96305	1.55%	0.254%
5	6.719	201	205	214	rVV	43974	158984	2.56%	0.419%
6	6.839	214	218	226	rVB2	31501	92560	1.49%	0.244%
7	7.205	253	258	276	rVV	1526241	2874872	46.27%	7.578%
8	7.875	327	331	346	rBV	879662	2053541	33.05%	5.413%
9	9.388	491	496	504	rBV	61322	125256	2.02%	0.330%
10	9.635	518	523	537	rVB2	213450	740203	11.91%	1.951%
11	10.332	595	599	606	rVB	45746	94811	1.53%	0.250%
12	10.543	618	622	630	rBV	39868	86802	1.40%	0.229%
13	11.891	764	769	785	rBV	2413277	5107713	82.20%	13.464%
14	14.514	1051	1055	1059	rVB	46869	88033	1.42%	0.232%
15	15.504	1157	1163	1183	rBV	3025708	6213579	100.00%	16.380%
16	20.777	1732	1738	1753	rBV	2828564	6105310	98.26%	16.094%
17	25.179	2212	2218	2232	rBV2	2414647	5445636	87.64%	14.355%
18	33.184	3085	3091	3109	rBV2	1719405	3897855	62.73%	10.275%
19	33.450	3115	3120	3127	rVB	27425	66419	1.07%	0.175%
20	37.274	3530	3537	3559	rBV2	996493	2778907	44.72%	7.326%

Sum of corrected areas: 37934689

LBA.D NP112701.M Wed Dec 19 13:08:40 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\LBA.D
Operator : GALOS
Acquired : 6 Dec 2001 6:23 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/7
Misc Info :
Vial Number: 10
Quant File :NP112701.RES (RTE Integrator)



LBA.D NP112701.M Wed Dec 19 13:08:42 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\LBA.D Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

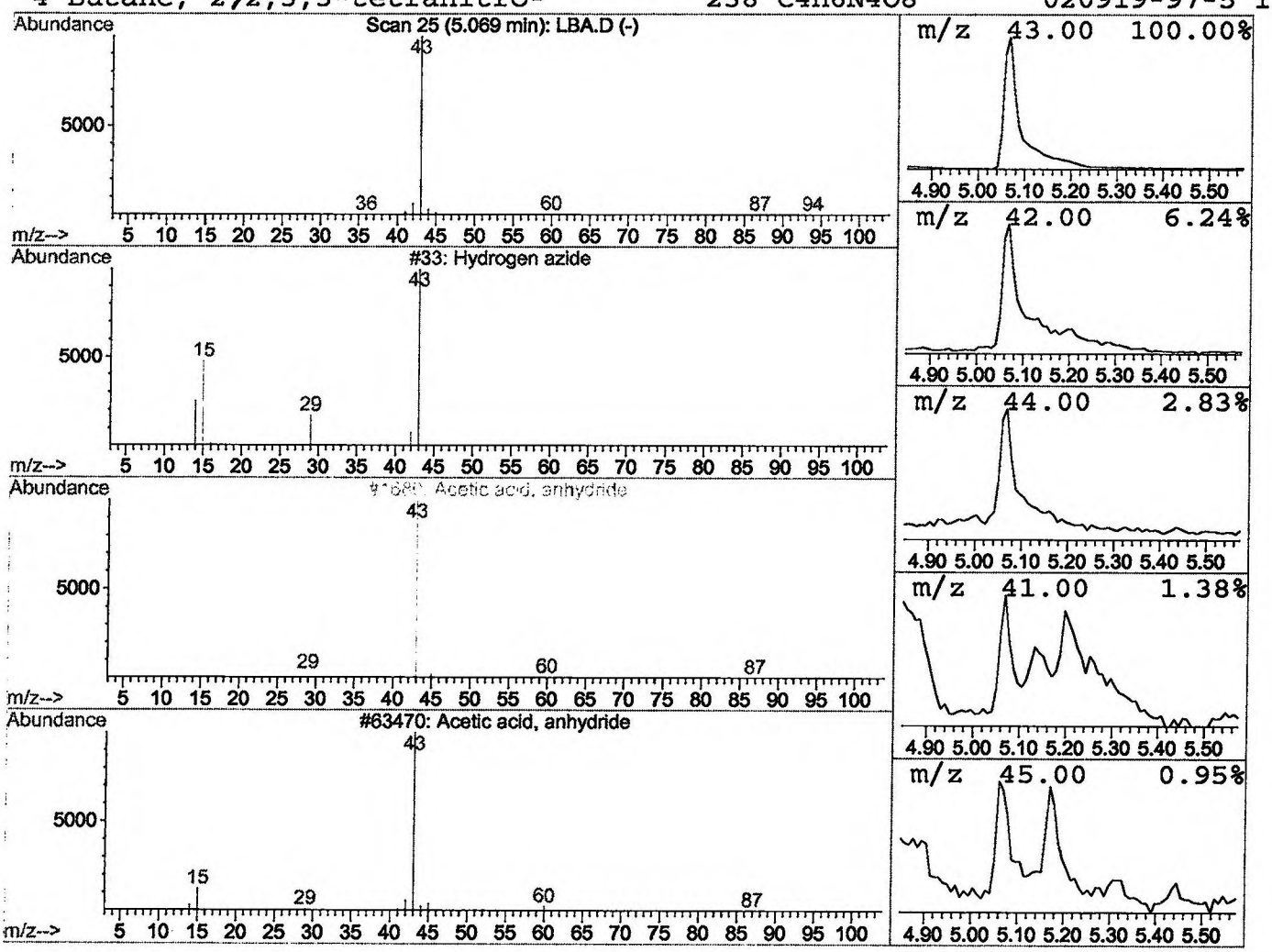
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hydrogen azide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	6.79 ng/uL	1732860	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen azide	43	HN3	007782-79-8	4
2	Acetic acid, anhydride	102	C4H6O3	000108-24-7	2
3	Acetic acid, anhydride	102	C4H6O3	000108-24-7	2
4	Butane, 2,2,3,3-tetranitro-	238	C4H6N4O8	020919-97-5	1



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\LBA.D Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

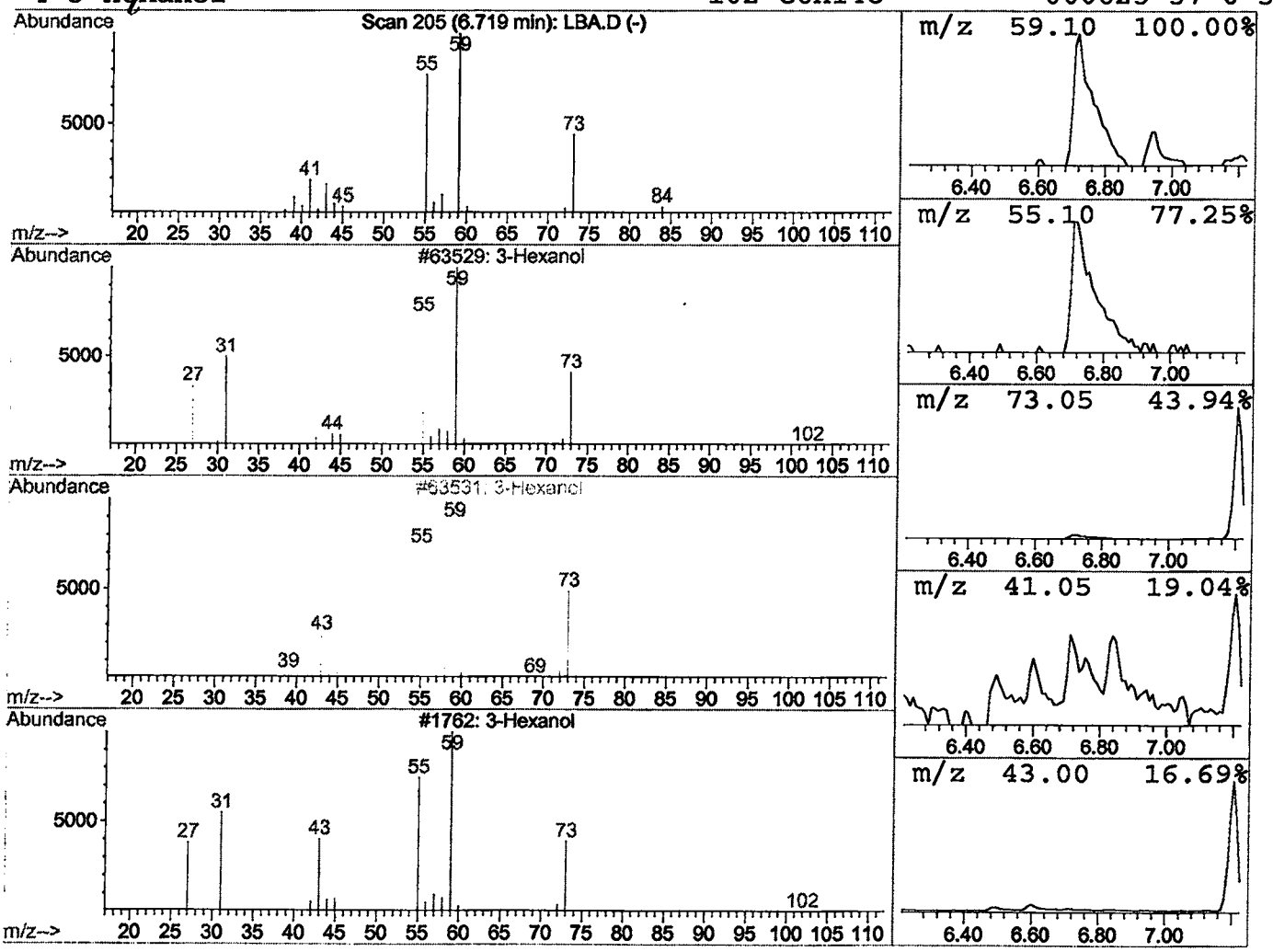
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	0.62 ng/uL	158984	1,4-Dichlorobenzene-d4	11.89

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	72
3	3-Hexanol	102	C6H14O	000623-37-0	64
4	3-Hexanol	102	C6H14O	000623-37-0	56



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\LBA.D Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

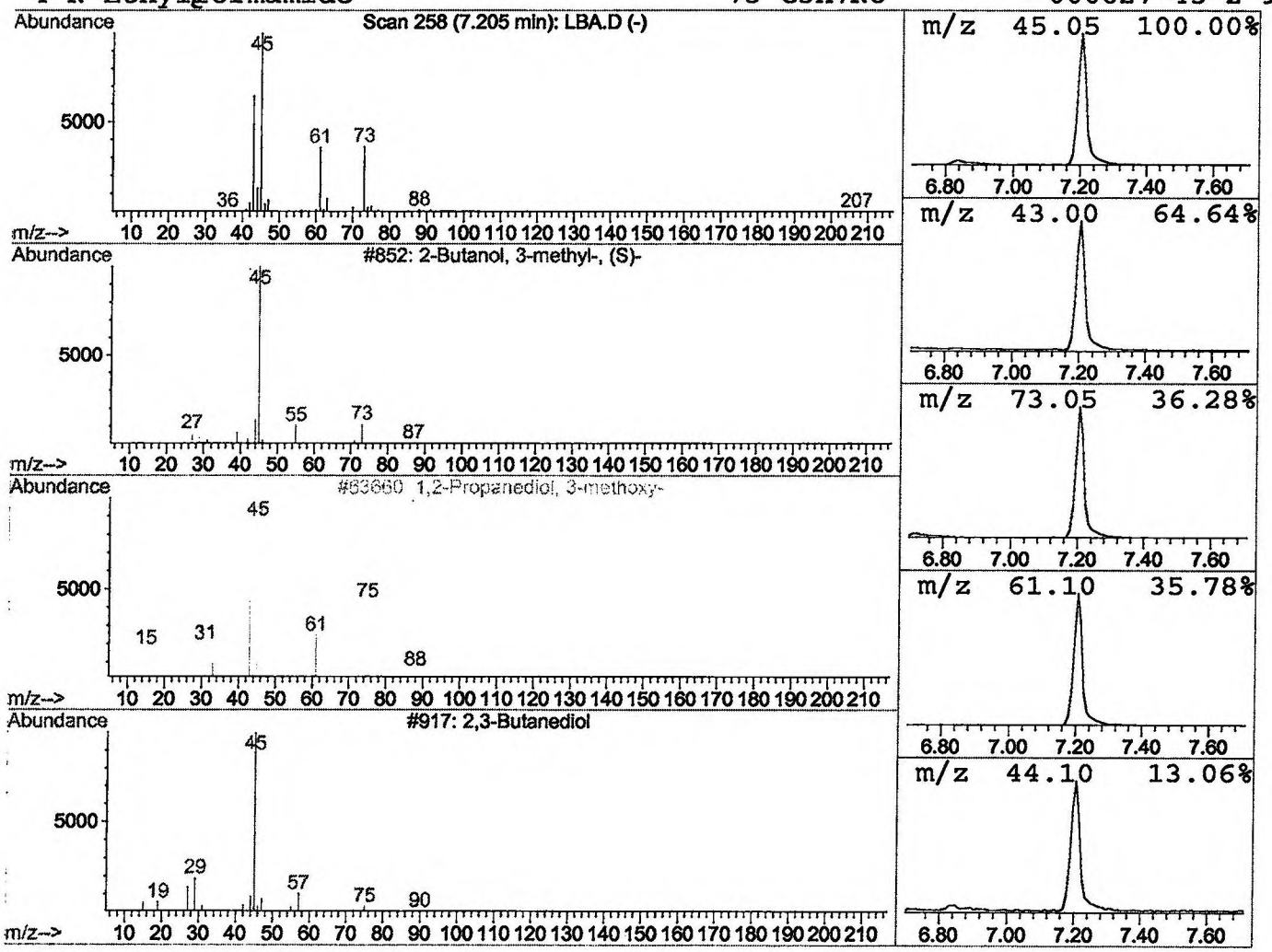
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Butanol, 3-methyl-, (S)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	11.26 ng/uL	2874870	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	42
2	1,2-Propanediol, 3-methoxy-	106	C4H10O3	000623-39-2	36
3	2,3-Butanediol	90	C4H10O2	000513-85-9	33
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\LBA.D Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

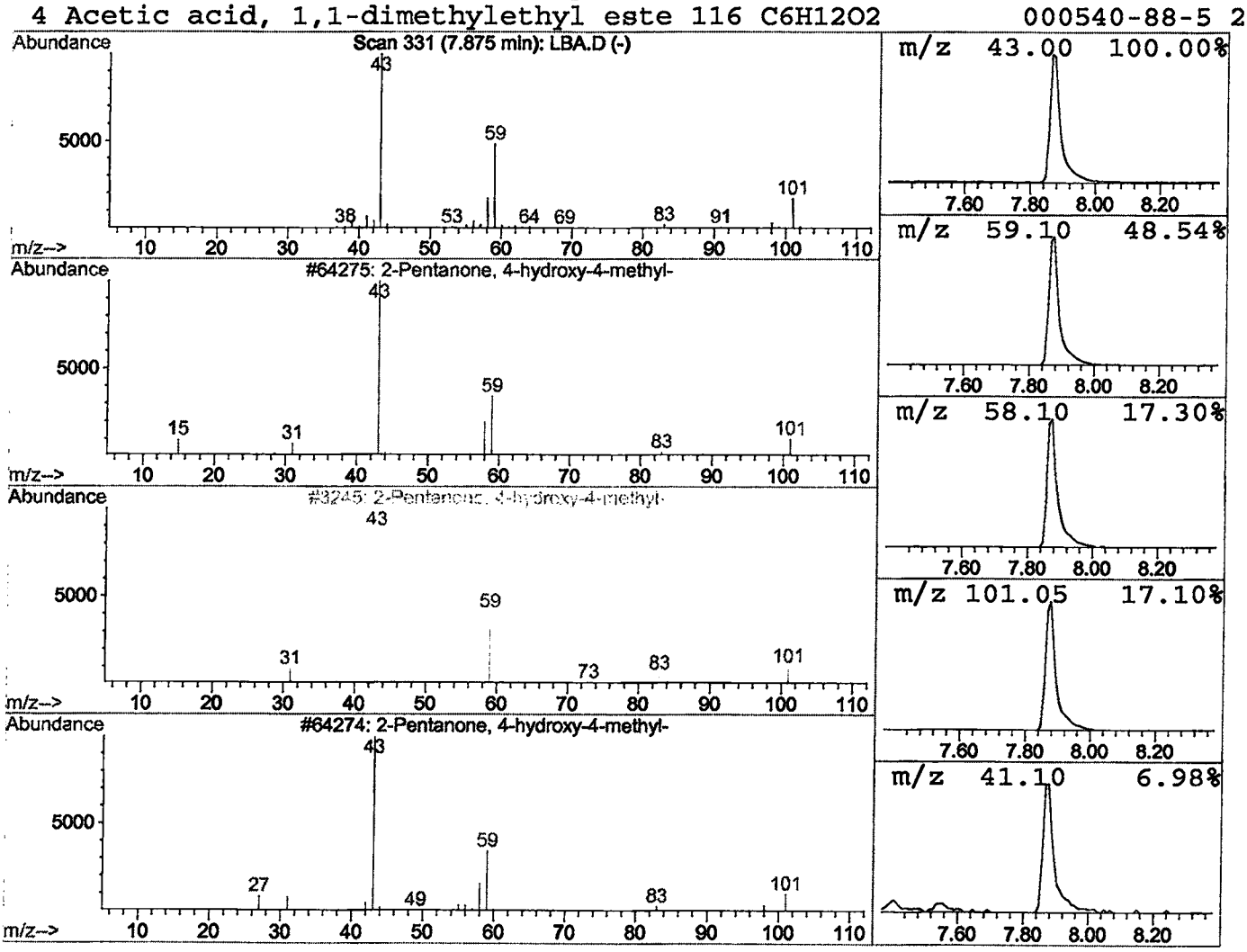
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	8.04 ng/uL	2053540	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\LBA.D Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

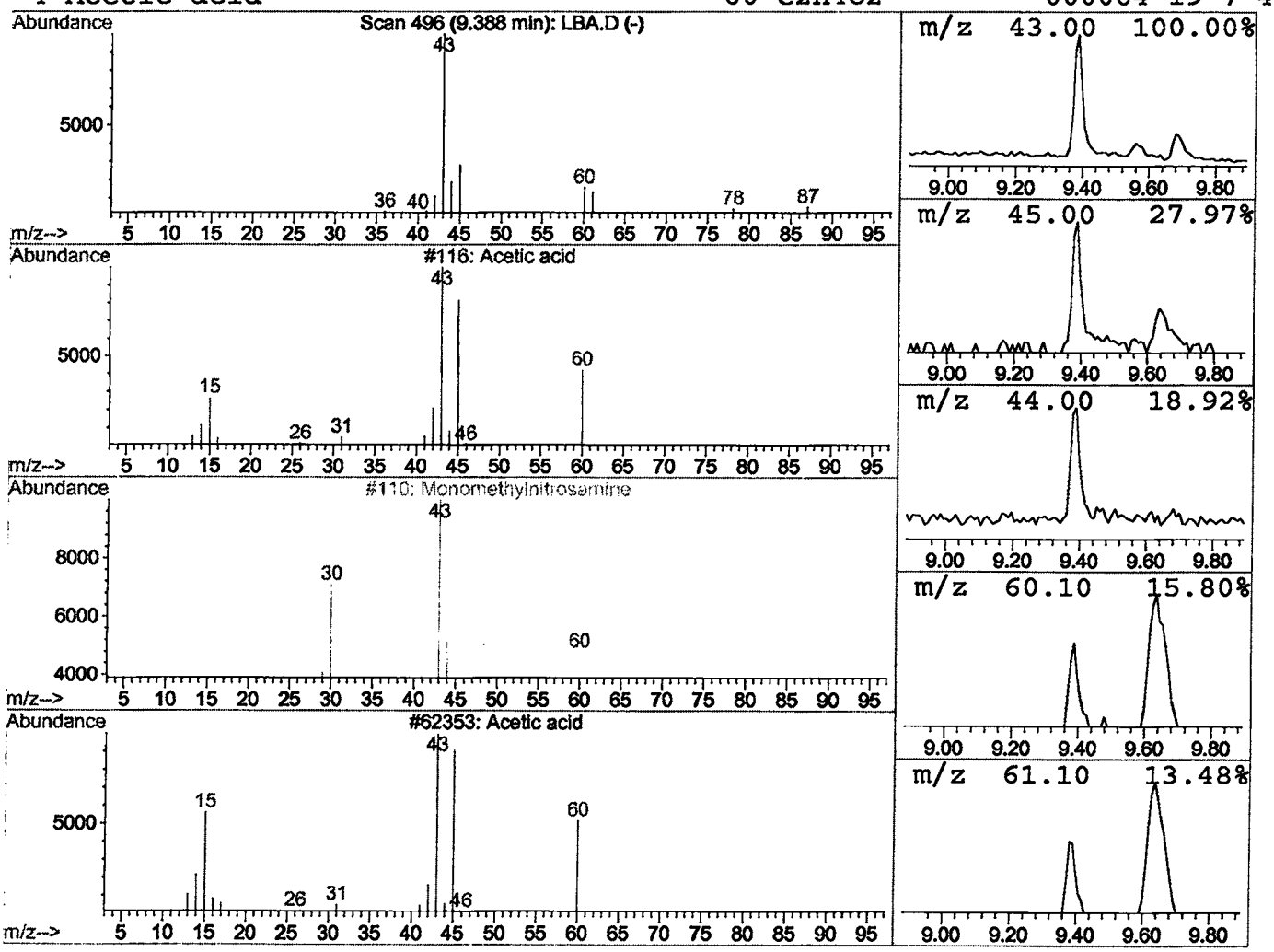
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	0.49 ng/uL	125256	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	9
2	Monomethylnitrosamine	60	CH4N2O	000000-00-0	7
3	Acetic acid	60	C2H4O2	000064-19-7	5
4	Acetic acid	60	C2H4O2	000064-19-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\LBA.D Vial: 10
Acq On : 6 Dec 2001 6:23 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

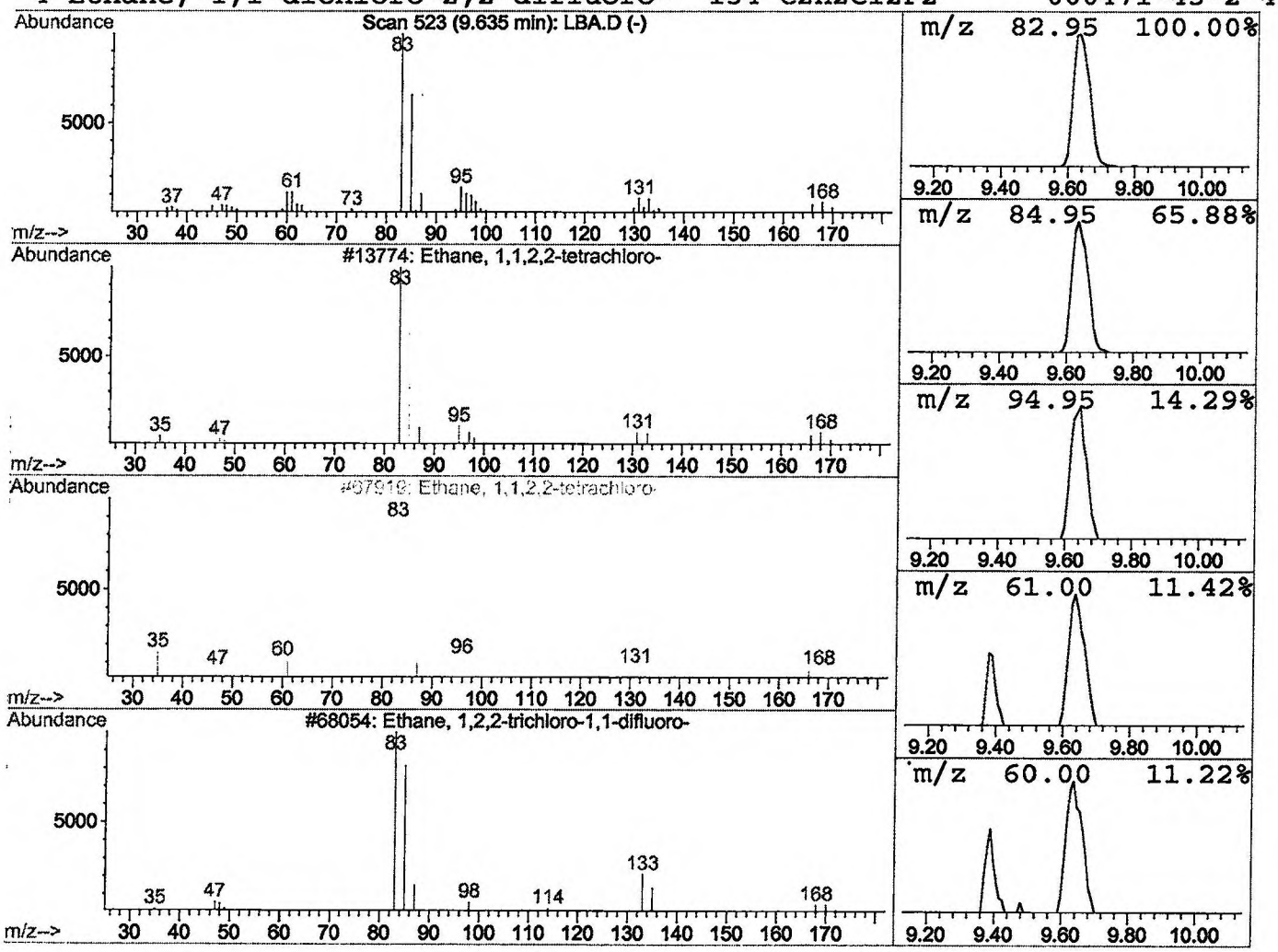
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Ethane, 1,1,2,2-tetrachloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	2.90 ng/uL	740203	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	95
2	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	64
3	Ethane, 1,2,2-trichloro-1,1-difluor	168	C2HCl3F2	000354-21-2	45
4	Ethane, 1,1-dichloro-2,2-difluoro-	134	C2H2Cl2F2	000471-43-2	42



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 6 Dec 2001 6:23 pm
Data File: C:\HPCHEM\1\DATA\DEC0601\LBA.D
Name: gc/ms unknown 11/7
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
Hydrogen azide	5.07	6.8	ng/uL	1732860	ISTD01	11.89	5107710	20.0
3-Hexanol	6.72	0.6	ng/uL	158984	ISTD01	11.89	5107710	20.0
2-Butanol, 3-methyl-	7.21	11.3	ng/uL	2874870	ISTD01	11.89	5107710	20.0
2-Pentanone, 4-hydro	7.87	8.0	ng/uL	2053540	ISTD01	11.89	5107710	20.0
Acetic acid	9.39	0.5	ng/uL	125256	ISTD01	11.89	5107710	20.0
Ethane, 1,1,2,2-tetr	9.64	2.9	ng/uL	740203	ISTD01	11.89	5107710	20.0

LBA.D NP112701.M Wed Dec 19 13:08:56 2001