User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 14:13:49

Sample: AE10431
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/17/02 14:05 Ended: 5/17/02 14:05 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		< MRL	2.0
2	bis(2-Chloroethyl)ether		< MRL	2.0
3	1,3-Dichlorobenzene		< MRL	2.0
4	1,4-Dichlorobenzene		< MRL	2.0
5	1,2-Dichlorobenzene		< MRL	2.0
6	2,2'-oxybis(1-Chloropropane)		< MRL	2.0
7	n-Nitrosodi-n-propylamine		< MRL	2.0
8	Hexachloroethane		< MRL	2.0
9	Nitrobenzene		< MRL	2.0
10	Isophorone		< MRL	2.0
11	bis(2-Chloroethoxy)methane		< MRL	2.0
12	1,2,4-Trichlorobenzene		< MRL	2.0
13	Naphthalene		< MRL	2.0
14	Hexachlorobutadiene		< MRL	2.0
15	2-Chloronaphthalene		< MRL	2.0
16	Dimethylphthalate		< MRL	2.0
17	2,6-Dinitrotoluene		< MRL	2.0
18	Acenaphthylene		< MRL	2.0
19	Acenaphthene		< MRL	2.0
20	2,4-Dinitrotoluene		< MRL	2.0
21	Diethylphthalate		< MRL	2.0
22	4-Chlorophenylphenylether		< MRL	2.0
23	Fluorene		< MRL	2.0
24	Azobenzene		< MRL	2.0
25	n-Nitrosodiphenylamine		< MRL	2.0
26	4-Bromophenylphenylether		< MRL	2.0
27	Hexachlorobenzene		< MRL	2.0
28	Phenanthrene		< MRL	2.0
29	Anthracene		< MRL	2.0
30	Di-n-butylphthalate		< MRL	2.0
31	Fluoranthene		< MRL	2.0
32	Pyrene		< MRL	2.0
33	Butylbenzylphthalate		< MRL	2.0
34	Benzo(a)anthracene		< MRL	2.0
35	bis(2-Ethylhexyl)phthalate		< MRL	2.0
36	Chrysene		< MRL	2.0
37	Di-n-octylphthalate		< MRL	2.0
38	Benzo(b)fluoranthene		< MRL	2.0
39	Benzo(k)fluoranthene		< MRL	2.0
40	Benzo(a)pyrene		< MRL	2.0
41	Indeno(1,2,3-cd)pyrene		< MRL	2.0
42	Dibenz(a,h)anthracene		< MRL	2.0
43	Benzo(g,h,i)perylene		< MRL	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\LBB.D Vial: 25
Acq On : 11 May 2002 1:30 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 15 15:02 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 15 14:56:50 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.17	152	426320	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	1542820	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	847616	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.55	188	1176349	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	706335	40.00	ug/l	-0.03
44) Perylene-d12	37.83	264	445654	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.25	209	36972	8.77	ug/L	-0.03
Spiked Amount 10.000			Recovery = 87.70%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.38	77	653	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.59	149	579	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.55	178	260	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\LBB.D Vial: 25
Acq On : 11 May 2002 1:30 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 15 15:02 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 15 14:56:50 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

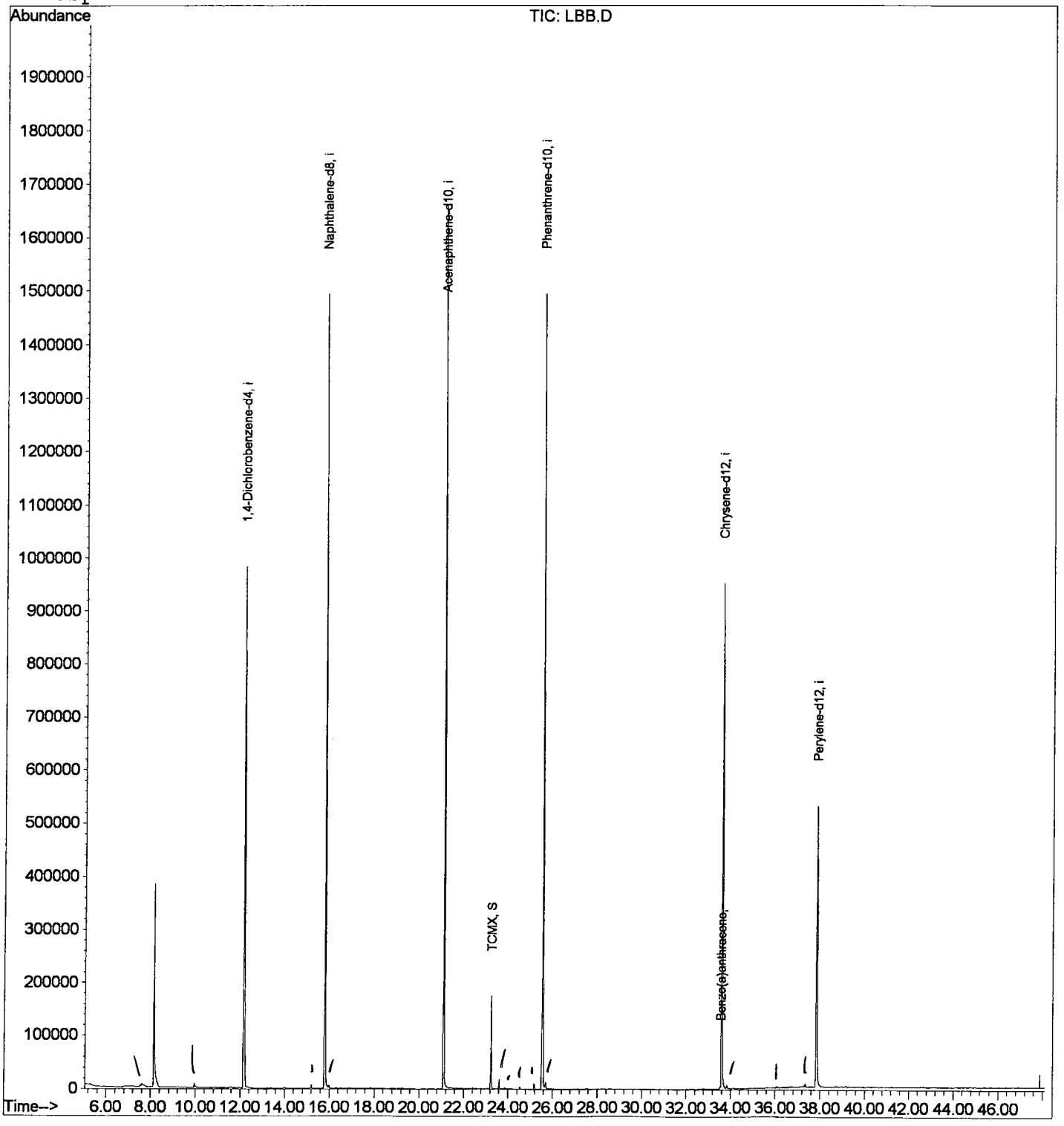
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.55	178	260	N.D.	
36)	Di-n-butylphthalate	27.52	149	1734	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	29.92	202	202	N.D.	
40)	Butylbenzylphthalate	32.05	149	484	N.D.	
41)	Benzo(a)anthracene	33.56	228	4943	0.27 ug/l	94
42)	Bis(2-ethylhexyl)phthalate	33.84	149	3857	N.D.	
43)	Chrysene	33.68	228	4273	N.D.	
45)	Di-n-Octylphthalate	35.58	149	637	N.D.	
46)	Benzo(b)fluoranthene	36.67	252	1773	N.D.	
47)	Benzo(k)fluoranthene	36.72	252	2582	N.D.	
48)	Benzo(a)pyrene	37.64	252	1098	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	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\MAY1002\LBB.D Vial: 25
Acq On : 11 May 2002 1:30 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 15 15:02 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 15 14:56:50 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\LBB.D Vial: 25
Acq On : 11 May 2002 1:30 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

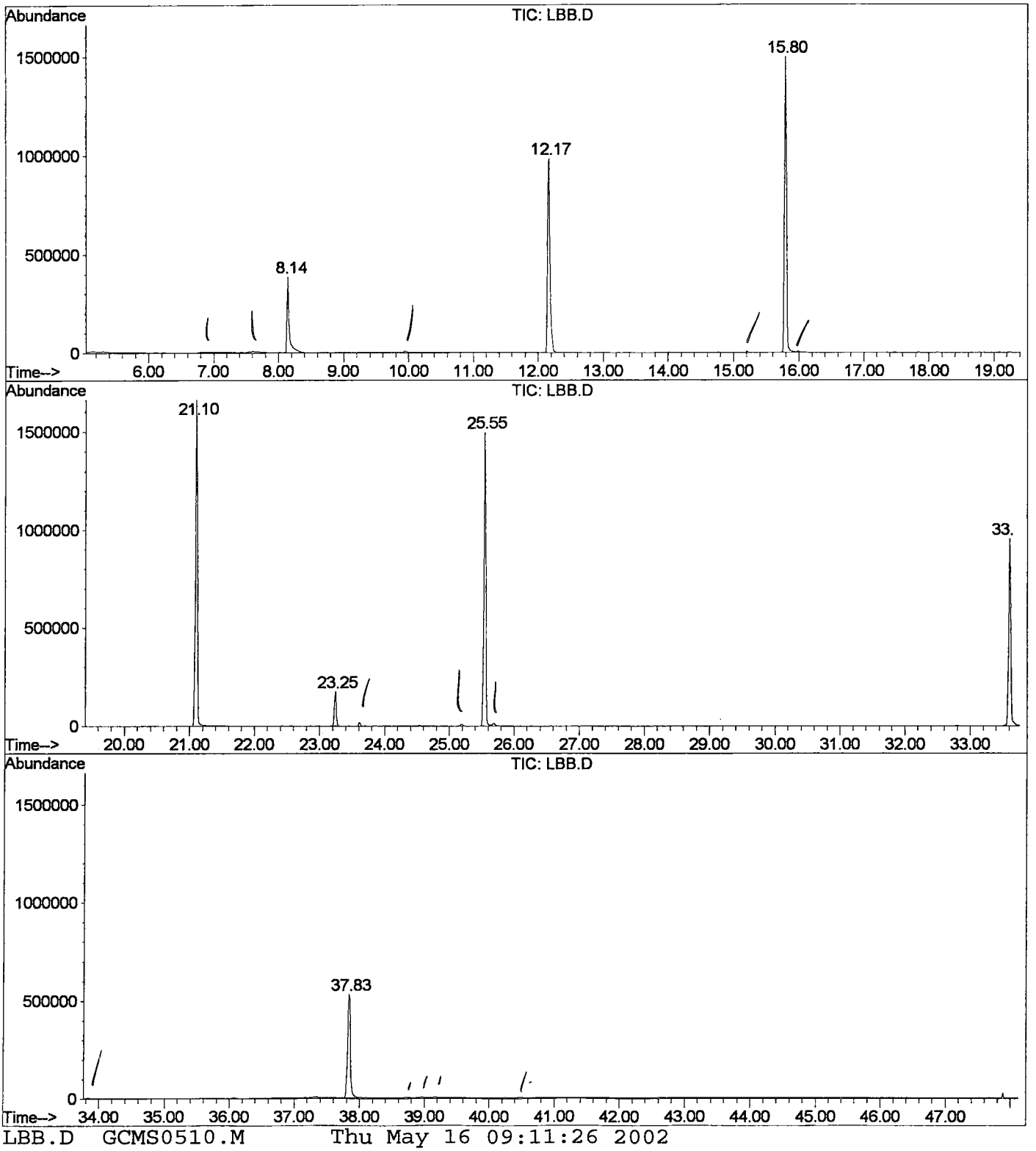
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.144	335	339	365	rVB	382758	897229	26.23%	5.286%
2	12.167	772	778	792	rBV	982908	2433132	71.13%	14.335%
3	15.795	1168	1174	1191	rBV	1493354	3049365	89.15%	17.966%
4	21.101	1747	1753	1770	rBV	1662184	3420664	100.00%	20.153%
5	23.245	1980	1987	1993	rVB	174702	349136	10.21%	2.057%
6	25.545	2231	2238	2248	rBV2	1494357	3150924	92.11%	18.564%
7	33.609	3112	3118	3136	rVB2	950840	2112338	61.75%	12.445%
8	37.834	3571	3579	3596	rBV2	528047	1560409	45.62%	9.193%

Sum of corrected areas: 16973197

LBB.D GCMS0510.M Thu May 16 09:11:25 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\LBB.D
Operator :
Acquired : 11 May 2002 1:30 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: gc/ms scan 5/2
Misc Info :
Vial Number: 25
Quant File :GCMS0510.RES (RTE Integrator)



LBB.D GCMS0510.M Thu May 16 09:11:26 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\LBB.D Vial: 25
Acq On : 11 May 2002 1:30 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

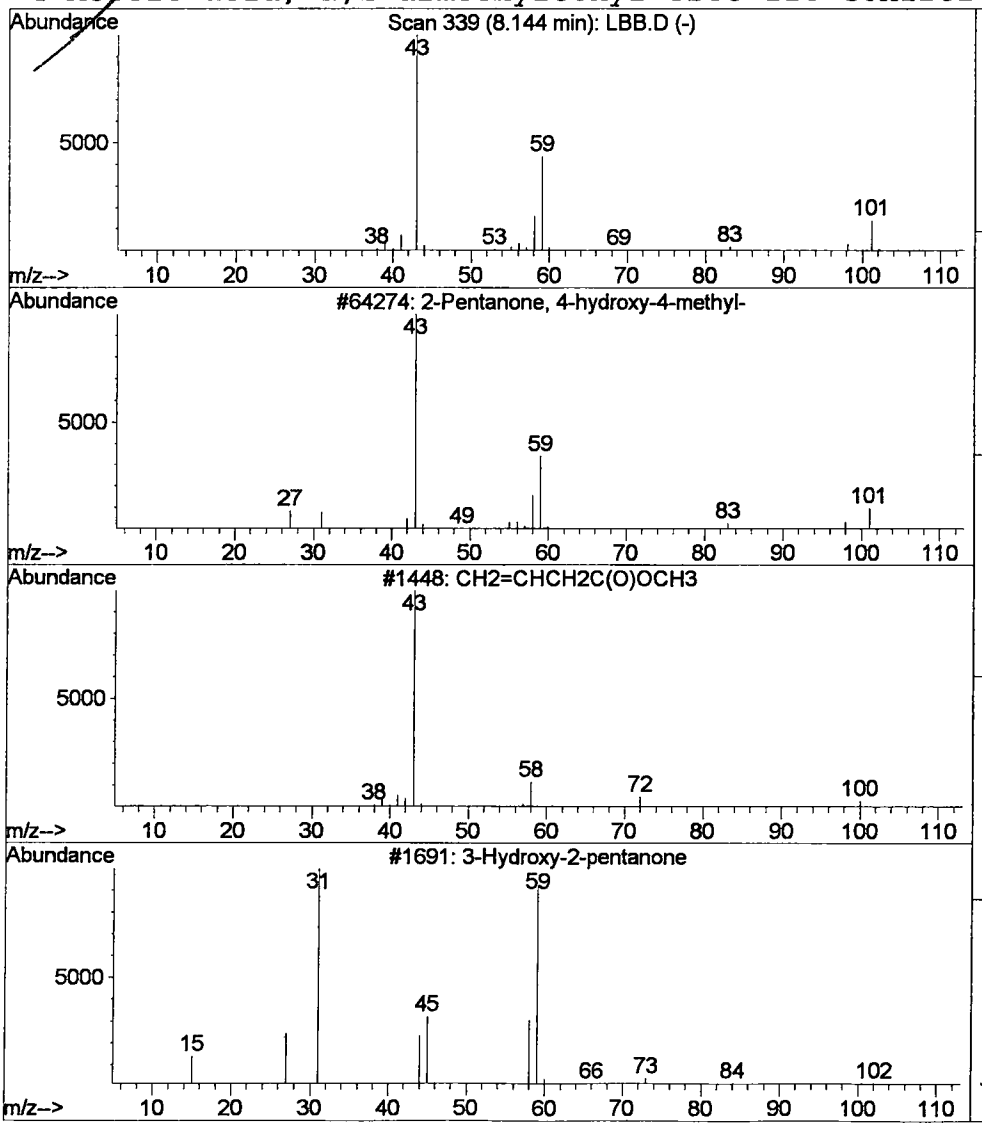
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

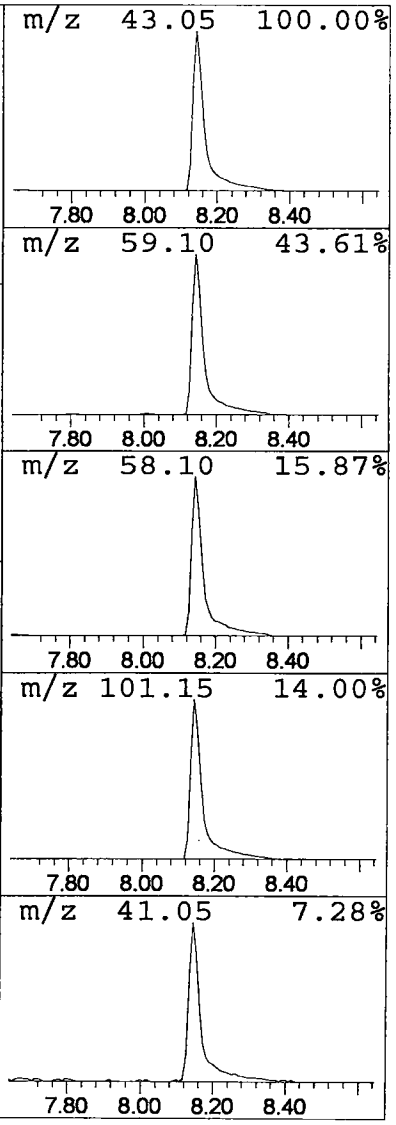
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	14.75 ug/l	897229	1,4-Dichlorobenzene-d4	12.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 May 2002 1:30 pm
Data File: C:\HPCHEM\1\DATA\MAY1002\LBB.D
Name: gc/ms scan 5/2
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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	8.14	14.8	ug/l	897229	ISTD01	12.17	2433130	40.0

LBB.D GCMS0510.M Thu May 16 09:11:27 2002