User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 09:38:32

Sample: AE12163
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/29/20 00:02 Ended: 5/29/20 00:02 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\MAY2902\LB.D Vial: 3
Acq On : 29 May 2002 1:18 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 29 14:10 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	589862	40.00	ug/l	-0.07
10) Naphthalene-d8	15.70	136	2348221	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1110059	40.00	ug/l	-0.09
30) Phenanthrene-d10	25.43	188	1709208	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	999919	40.00	ug/l	-0.14
44) Perylene-d12	37.66	264	624389	40.00	ug/l	-0.15
System Monitoring Compounds						
28) TCMX	23.13	209	220459	28.77	ug/L	-0.10
Spiked Amount 40.000			Recovery = 71.93%			
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	11.98	146	469	N.D.		
5) 1,4-Dichlorobenzene	12.11	146	216	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	13.48	117	382	N.D.		
11) Nitrobenzene	0.00	77	0	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	15.58	180	202	N.D.		
15) Naphthalene	15.75	128	775	N.D.		
16) Hexachlorobutadiene	16.30	225	516	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.27	165	101	N.D.		
25) Diethylphthalate	22.48	149	275	N.D.		
26) 4-Chlorophenylphenylether	23.12	204	1415	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.12	168	789	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.42	178	1113	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\LB.D Vial: 3
Acq On : 29 May 2002 1:18 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 29 14:10 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.49	178	305	N.D.	
36)	Di-n-butylphthalate	27.41	149	28189	0.50 ug/l	99
37)	Fluoranthene	29.11	202	343	N.D.	
39)	Pyrene	29.79	202	525	N.D.	
40)	Butylbenzylphthalate	31.93	149	418	N.D.	
41)	Benzo(a)anthracene	33.47	228	4743	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	1196	N.D.	
43)	Chrysene	33.54	228	3307	N.D.	
45)	Di-n-Octylphthalate	35.44	149	1103	N.D.	
46)	Benzo(b)fluoranthene	36.52	252	3239	N.D.	
47)	Benzo(k)fluoranthene	36.57	252	4511	N.D.	
48)	Benzo(a)pyrene	37.47	252	1838	N.D.	
49)	Indeno(1,2,3-cd)pyrene	41.63	276	662	N.D.	
50)	Dibenz(a,h)anthracene	41.71	278	269	N.D.	
51)	Benzo(g,h,i)perylene	42.80	276	1021	N.D.	

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

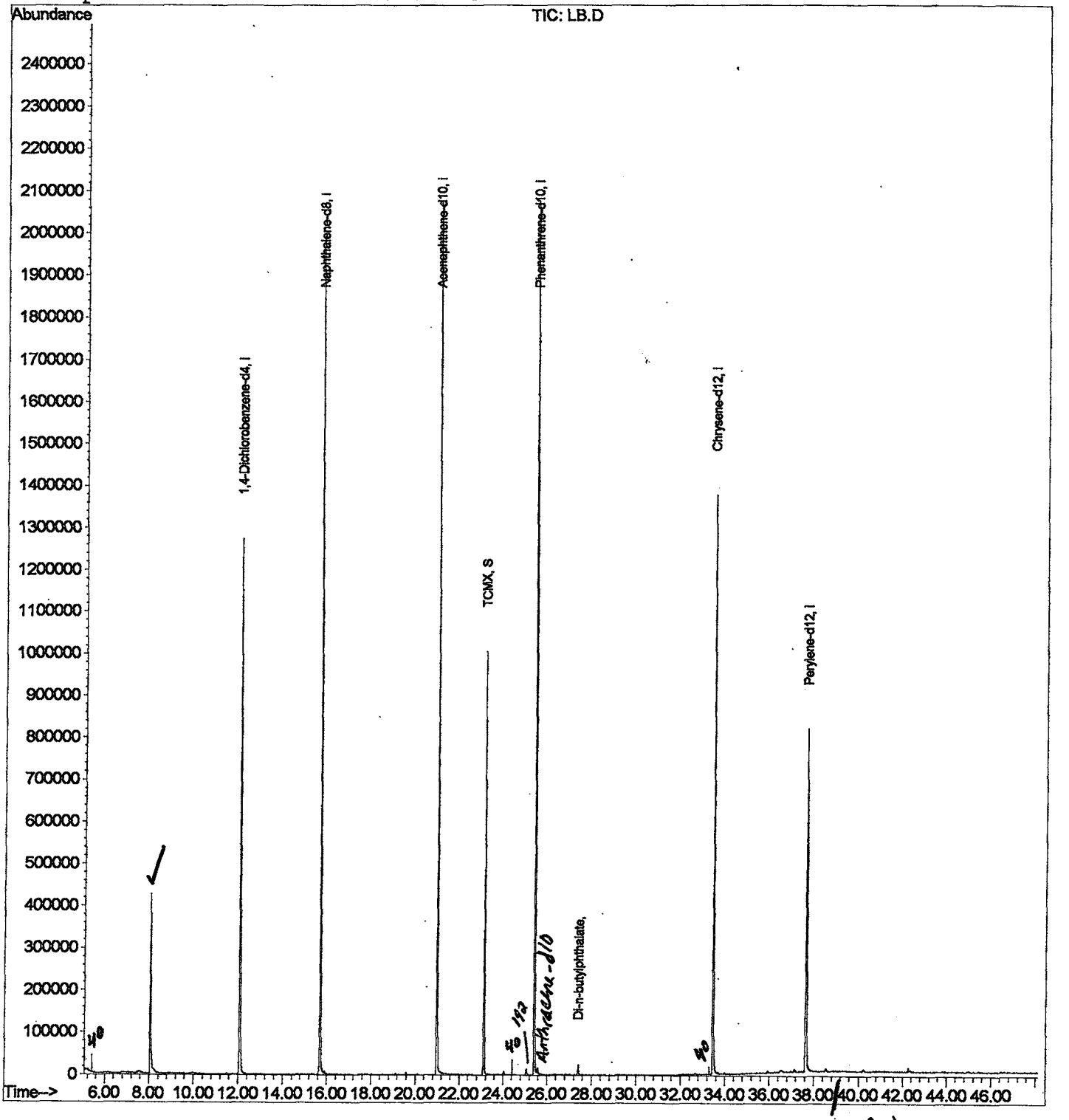
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\LB.D
Acq On : 29 May 2002 1:18 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 29 14:10 2002

Vial: 3
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0528.RES

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2902\LB.D Vial: 3
Acq On : 29 May 2002 1:18 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0528.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

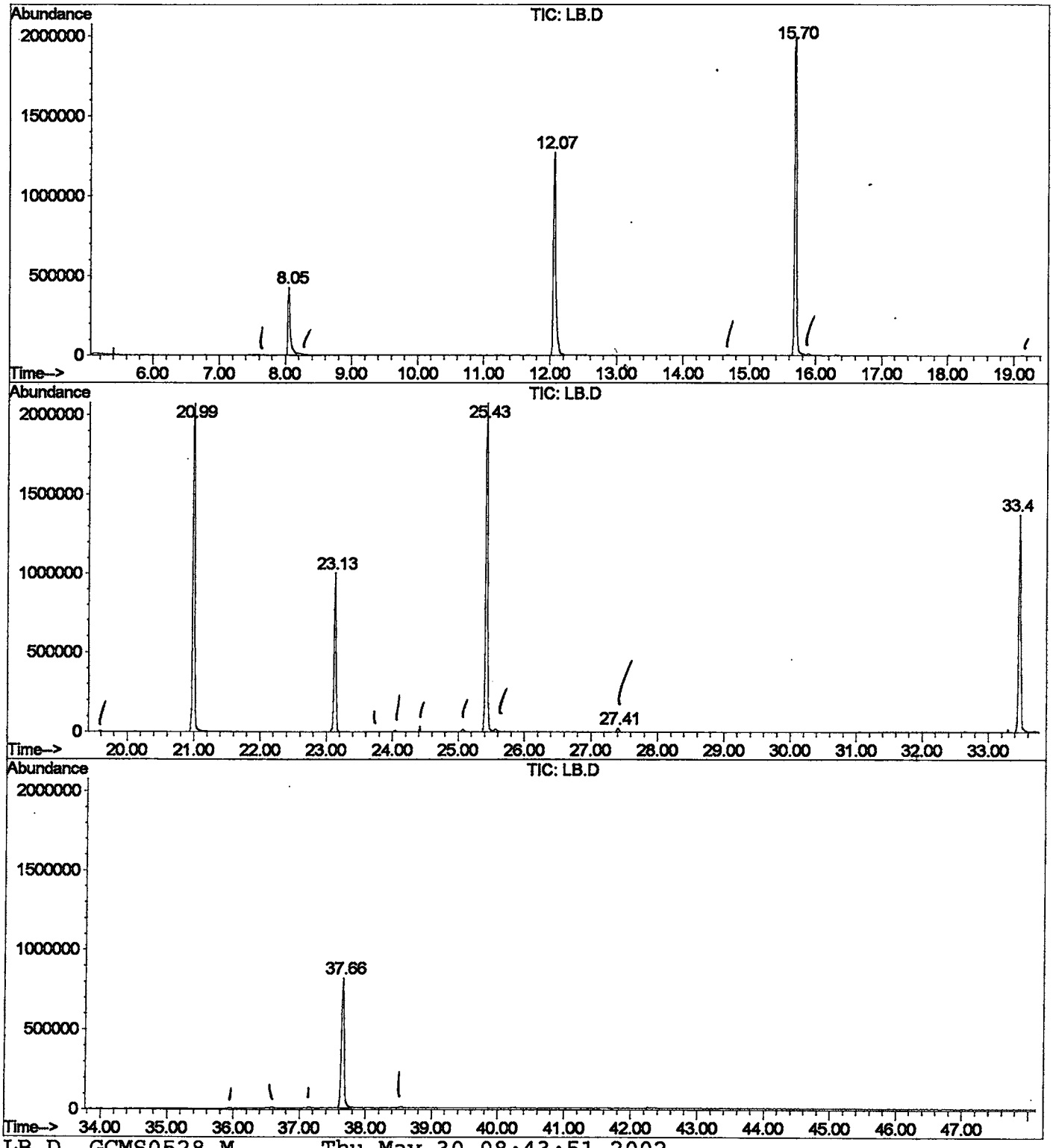
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.050	323	327	340	rBV	425794	1000560	22.46%	4.002%
2	12.071	759	765	782	rBV	1271553	3189465	71.59%	12.757%
3	15.697	1153	1160	1177	rBV	1991589	4332039	97.24%	17.327%
4	20.994	1730	1737	1758	rBV	2070515	4454927	100.00%	17.819%
5	23.133	1961	1970	1981	rBV	1004283	2059310	46.23%	8.237%
6	25.428	2213	2220	2231	rBV2	2075862	4420412	99.23%	17.680%
7	27.411	2428	2436	2442	rBV	23062	47228	1.06%	0.189%
8	33.470	3087	3096	3112	rBV2	1375315	3179796	71.38%	12.718%
9	37.657	3544	3552	3567	rBV2	811394	2317894	52.03%	9.271%

Sum of corrected areas: 25001631

LB.D GCMS0528.M Thu May 30 08:43:50 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\LB.D
Operator : Morgan
Acquired : 29 May 2002 1:18 pm using AcqMethod GCMS0528
Instrument : 209
Sample Name: gc/ms scan 5/23
Misc Info :
Vial Number: 3
Quant File :GCMS0528.RES (RTE Integrator)



LB.D GCMS0528.M Thu May 30 08:43:51 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\LB.D
Acq On : 29 May 2002 1:18 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: Morgan
Inst : 209
Multiplr: 1.00

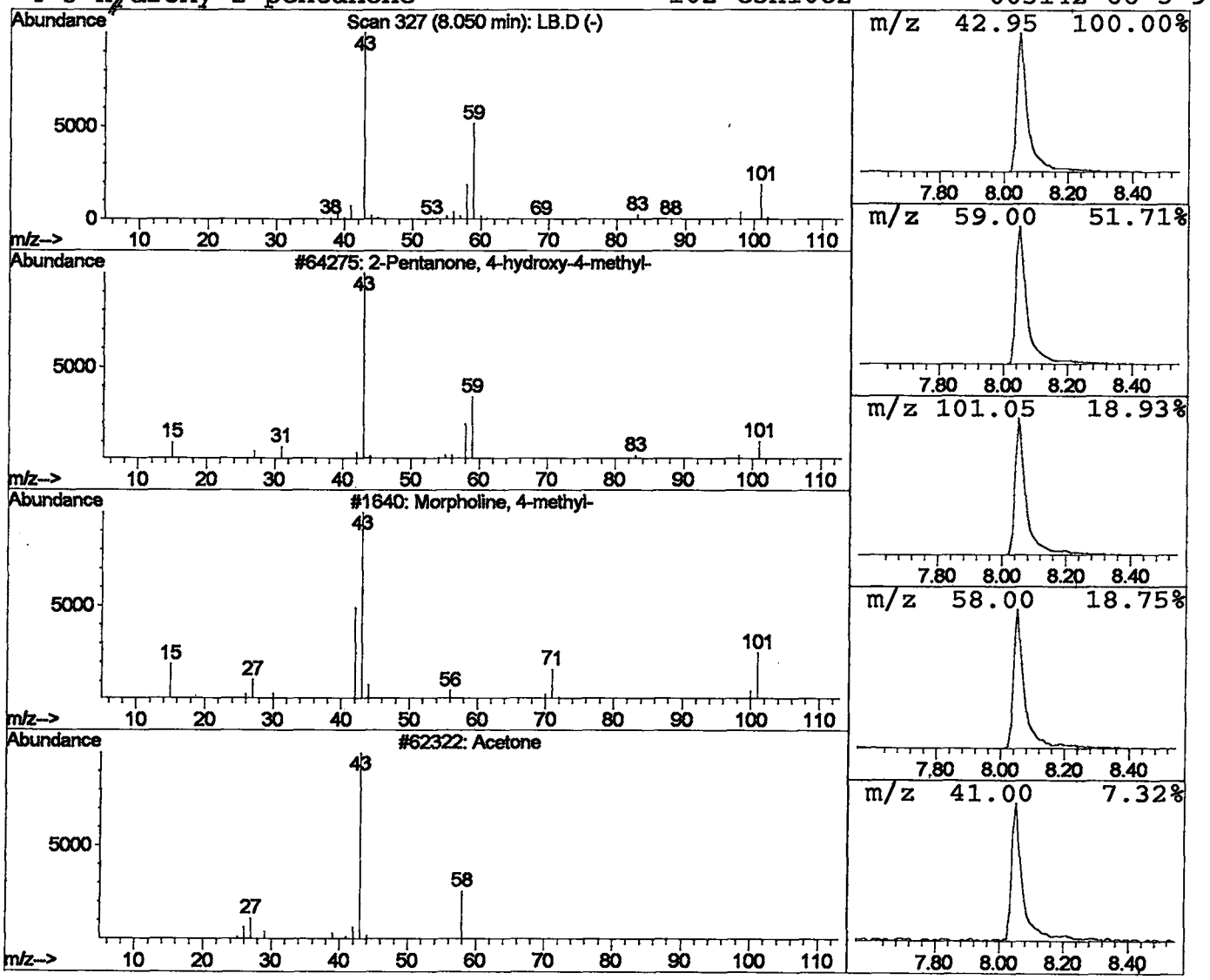
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	12.55 ug/l	1000560	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Acetone	58	C3H6O	000067-64-1	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 29 May 2002 1:18 pm
Data File: C:\HPCHEM\1\DATA\MAY2902\LB.D
Name: gc/ms scan 5/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0528.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~~	8.05	12.5	ug/l	1000560	ISTD01	12.07	3189470	40.0

LB.D GCMS0528.M Thu May 30 08:43:52 2002