User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 10:49:59

Sample: AE11600
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/30/02 10:48 Ended: 5/30/02 10:48 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		96		10.0

Comments for Sample AE11600 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-30-2002 Time: 10:50:17

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11600.D Vial: 14
Acq On : 22 May 2002 4:10 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 23 8:18 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	389395	40.00	ug/l	-0.07
10) Naphthalene-d8	15.78	136	1525982	40.00	ug/l	-0.07
17) Acenaphthene-d10	21.08	164	728788	40.00	ug/l	-0.07
30) Phenanthrene-d10	25.52	188	925781	40.00	ug/l	-0.07
38) Chrysene-d12	33.58	240	486520	40.00	ug/l	-0.09
44) Perylene-d12	37.78	264	309953	40.00	ug/l	-0.10
System Monitoring Compounds						
28) TCMX	23.22	209	135487	38.19	ug/L	-0.07
Spiked Amount 10.000			Recovery =	381 ~~90%~~		95.5%
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	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-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	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	0.00	180	0	N.D.		
15) Naphthalene	15.83	128	352	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	22.56	149	793	N.D.		
26) 4-Chlorophenyl-phenylether	23.22	204	619	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.22	168	374	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.58	178	228	N.D.		

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

Quantitation Report (QT Reviewed)

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Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

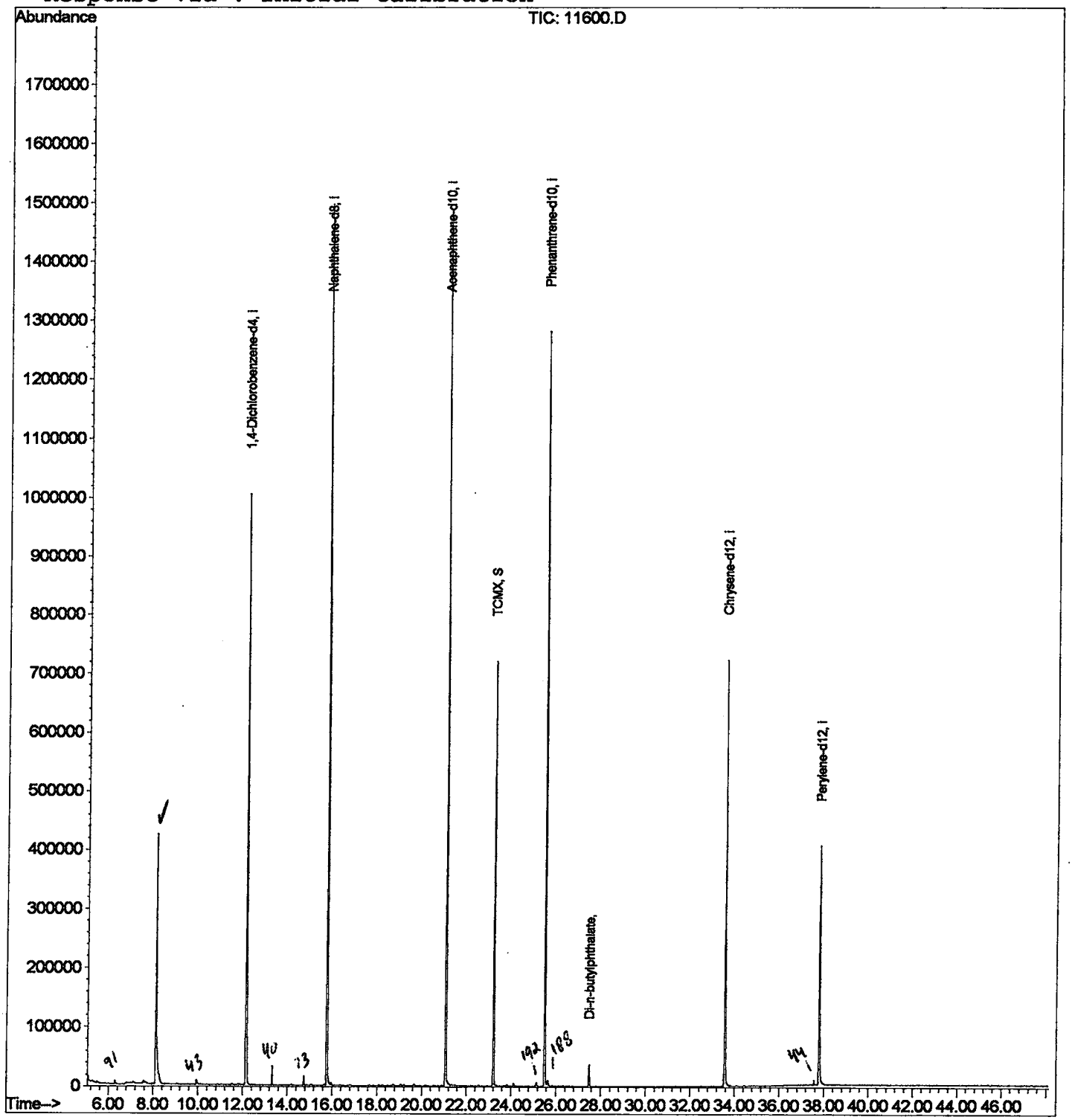
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.58	178	228	N.D.	
36) Di-n-butylphthalate	27.50	149	40427	1.32 ug/l	98
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.58	228	1188	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.80	149	801	N.D.	
43) Chrysene	33.58	228	1188	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	0.00	252	0	N.D.	
47) Benzo(k)fluoranthene	0.00	252	0	N.D.	
48) Benzo(a)pyrene	37.80	252	1114	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\MAY2102\11600.D Vial: 14
Acq On : 22 May 2002 4:10 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 23 8:18 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11600.D Vial: 14
Acq On : 22 May 2002 4:10 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

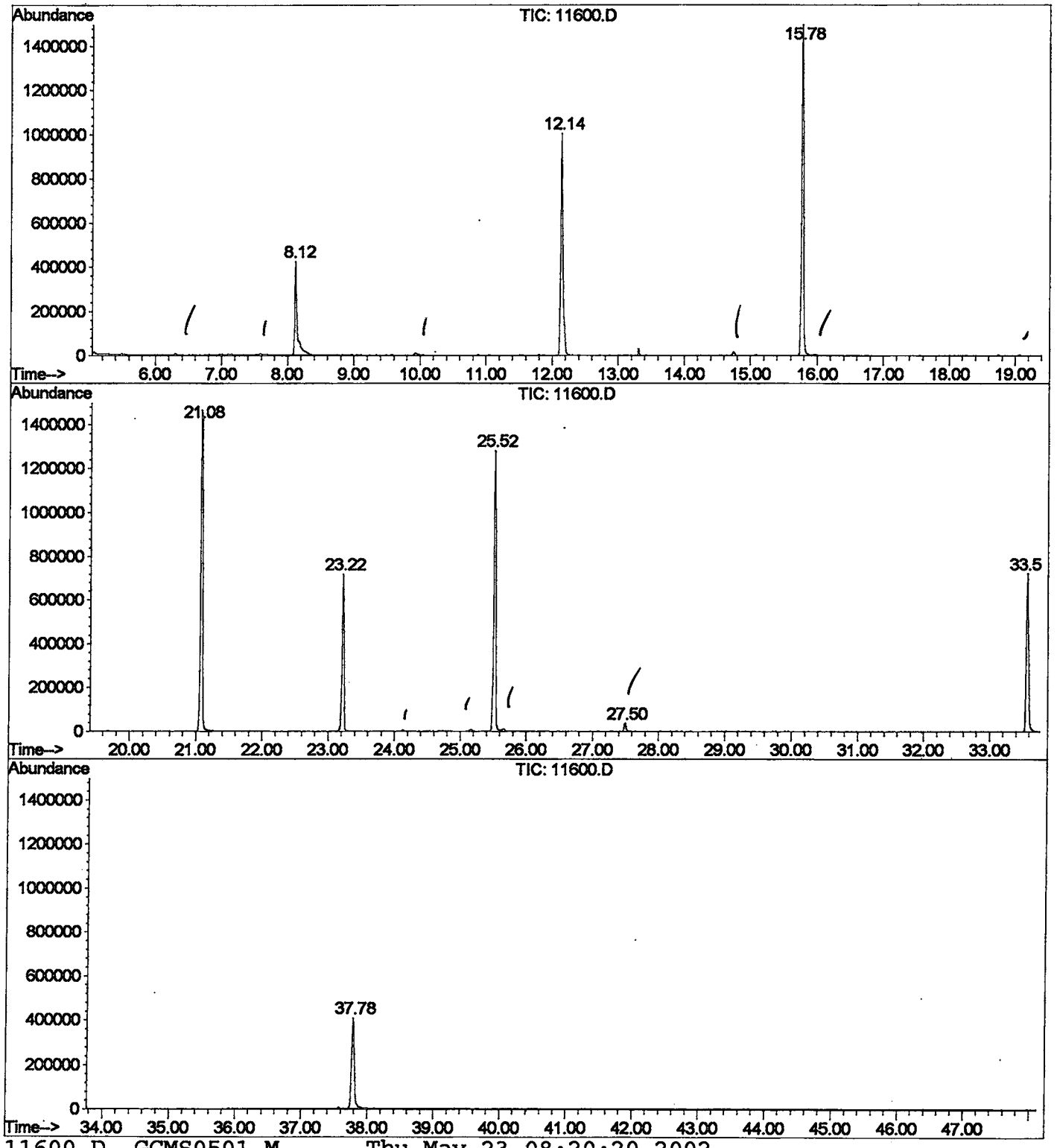
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.119	332	336	366	rVB	422841	1099571	35.52%	6.624%
2	12.142	769	775	789	rBV	1003694	2388669	77.15%	14.390%
3	15.780	1166	1172	1189	rBV	1496442	3096025	100.00%	18.652%
4	21.076	1744	1750	1763	rBV	1464820	3087861	99.74%	18.603%
5	23.221	1976	1984	1990	rBV	721041	1450527	46.85%	8.739%
6	25.521	2228	2235	2246	rBV2	1281578	2633467	85.06%	15.865%
7	27.500	2444	2451	2456	rBV	37415	72169	2.33%	0.435%
8	33.575	3107	3114	3131	rBV	723684	1585347	51.21%	9.551%
9	37.781	3565	3573	3591	rBV2	404581	1185421	38.29%	7.141%

Sum of corrected areas: 16599057

11600.D GCMS0501.M Thu May 23 08:20:20 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11600.D
Operator :
Acquired : 22 May 2002 4:10 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACT5/20
Misc Info :
Vial Number: 14
Quant File :GCMS0501.RES (RTE Integrator)



11600.D GCMS0501.M Thu May 23 08:20:20 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11600.D Vial: 14
Acq On : 22 May 2002 4:10 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

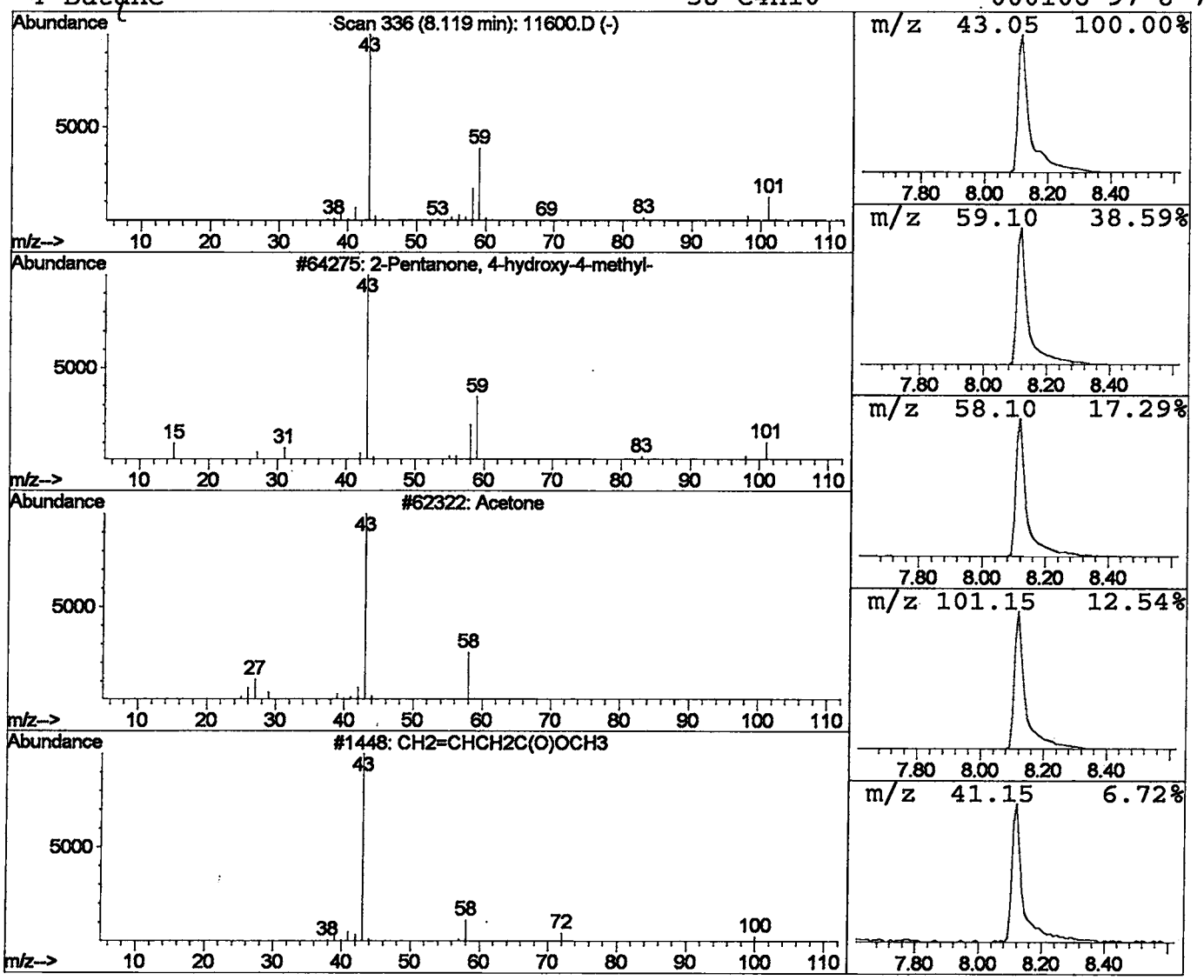
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	18.41 ug/l	1099570	1,4-Dichlorobenzene-d4	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetone	58	C3H6O	000067-64-1	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Butane	58	C4H10	000106-97-8	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 May 2002 4:10 pm
Data File: C:\HPCHEM\1\DATA\MAY2102\11600.D
Name: EXTRACT5/20
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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	8.12	18.4	ug/l	1099570	ISTD01	12.14	2388670	40.0

11600.D GCMS0501.M Thu May 23 08:20:22 2002