User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 10:32:16

Sample: AE08209
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 10:31 Ended: 5/6/02 10:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		10.0

Comments for Sample AE08209 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 10:32:53

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. This sample was extracted twice because of low Surrogate Standard recovery the first time.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\8209.D Vial: 16
Acq On : 3 May 2002 5:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:56 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 : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	437603	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1612181	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	890019	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1243523	40.00	ug/l	-0.01
38) Chrysene-d12	33.64	240	792739	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	522141	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.28	209	40654	9.38	ug/L	-0.01
Spiked Amount 10.000			Recovery = 93.80%			
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	13.42	77	694	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	22.61	149	966	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	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	333	N.D.		

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

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Last Update : Wed May 01 10:40:31 2002
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DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	333	N.D.	
36)	Di-n-butylphthalate	27.55	149	3945	N.D.	
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	33.64	228	1847	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	3603	N.D.	
43)	Chrysene	33.64	228	1846	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	37.88	252	2089	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

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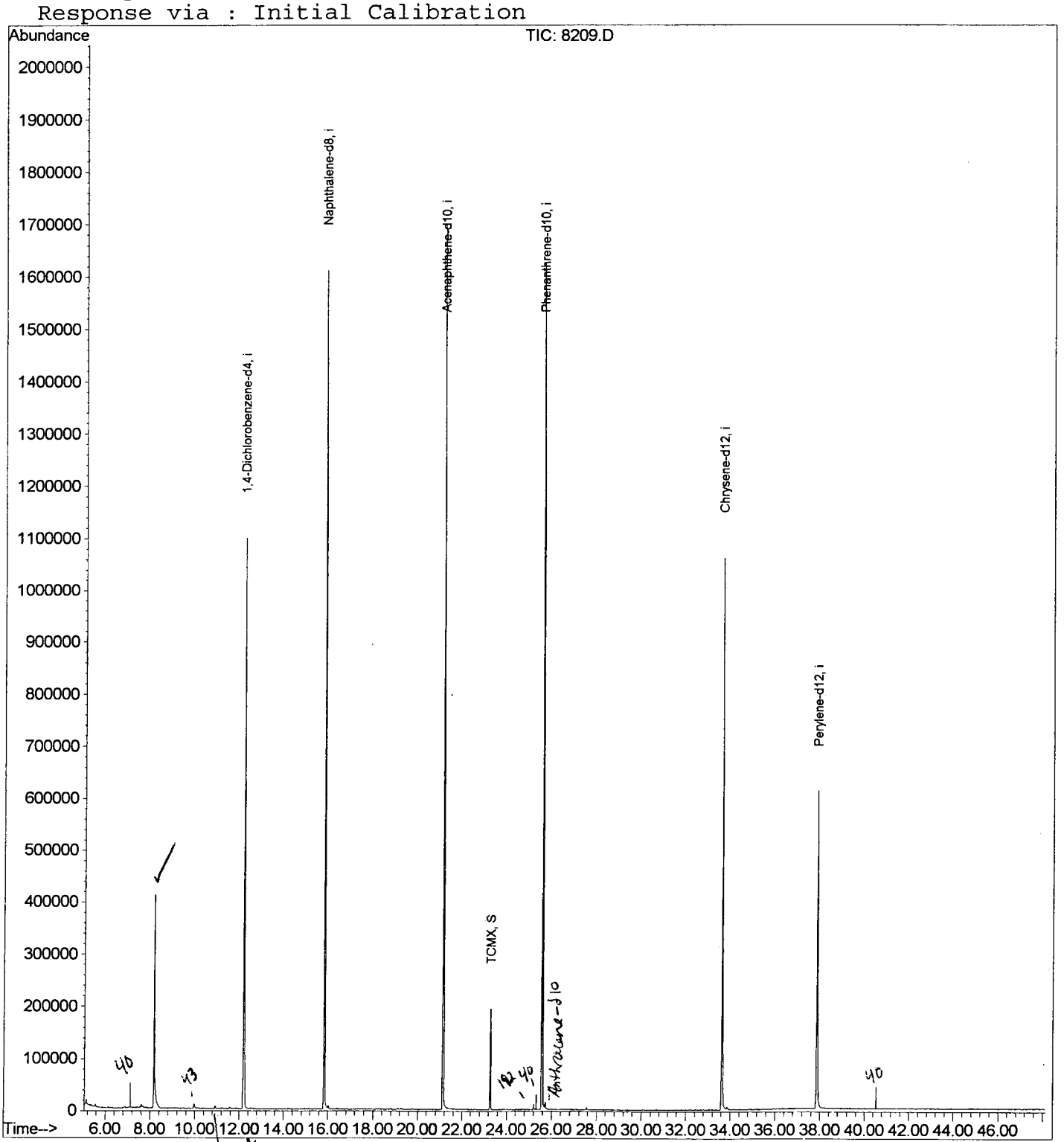
Acq On : 3 May 2002 5:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:56 2002 Quant Results File: GCMS0501.RES

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\MAY0202\8209.D Vial: 16
Acq On : 3 May 2002 5:38 am Operator:
Sample : GC/MS SCAN 4/22 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

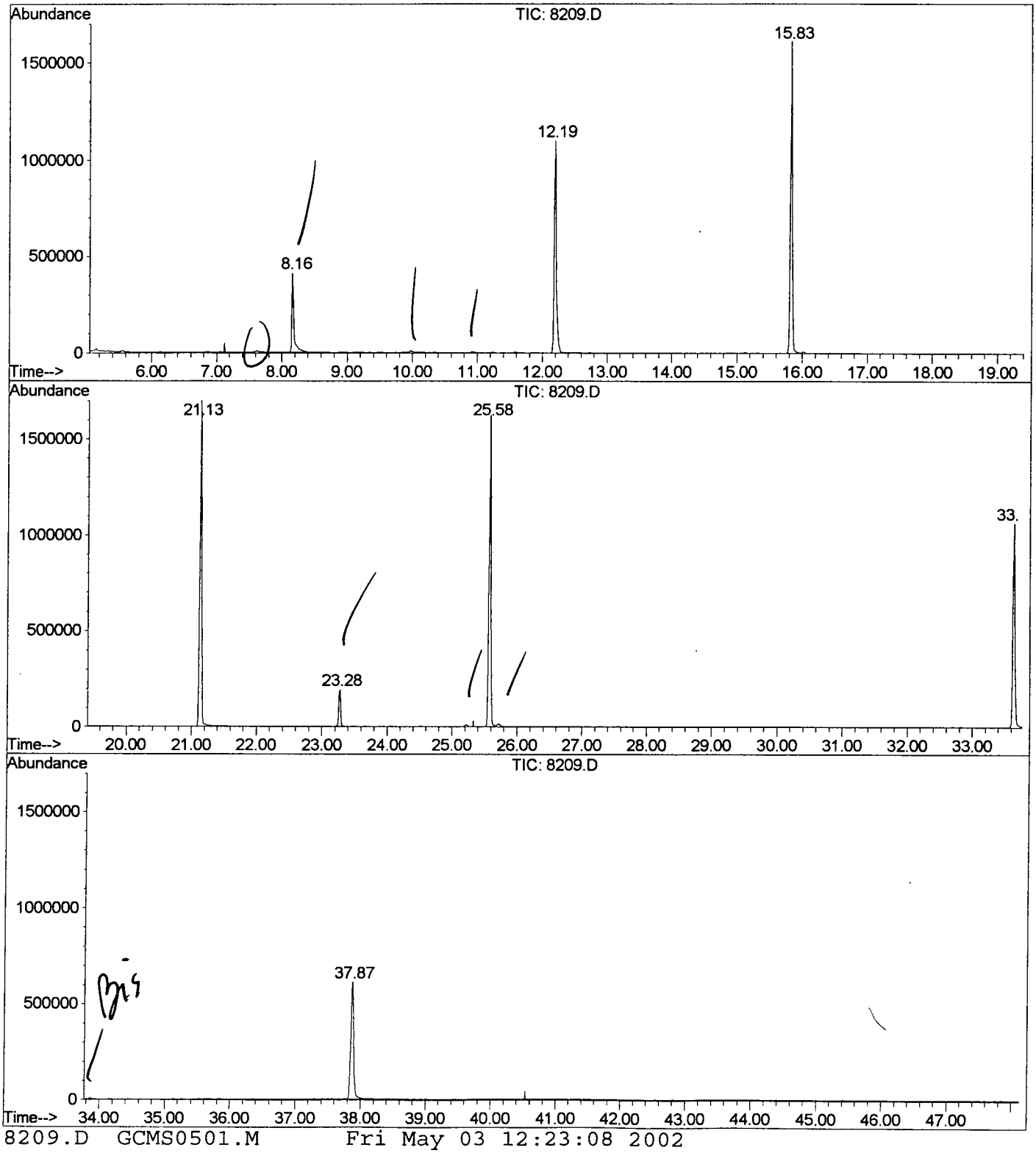
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.159	337	340	372	rVB	408662	969173	27.02%	5.314%
2	12.191	775	780	793	rBV	1096539	2520054	70.25%	13.817%
3	15.829	1171	1177	1190	rBV	1608454	3224090	89.88%	17.678%
4	21.135	1750	1756	1770	rBV	1698166	3587072	100.00%	19.668%
5	23.279	1982	1990	1997	rBV	192492	391286	10.91%	2.145%
6	25.579	2234	2241	2252	rBV2	1623861	3353675	93.49%	18.388%
7	33.643	3113	3121	3140	rBV	1061024	2381875	66.40%	13.060%
8	37.867	3574	3582	3599	rBV2	608627	1811030	50.49%	9.930%

Sum of corrected areas: 18238255

8209.D GCMS0501.M Fri May 03 12:23:07 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0202\8209.D
Operator :
Acquired : 3 May 2002 5:38 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/22
Misc Info :
Vial Number: 16
Quant File :GCMS0501.RES (RTE Integrator)



8209.D GCMS0501.M Fri May 03 12:23:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\8209.D Vial: 16
Acq On : 3 May 2002 5:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

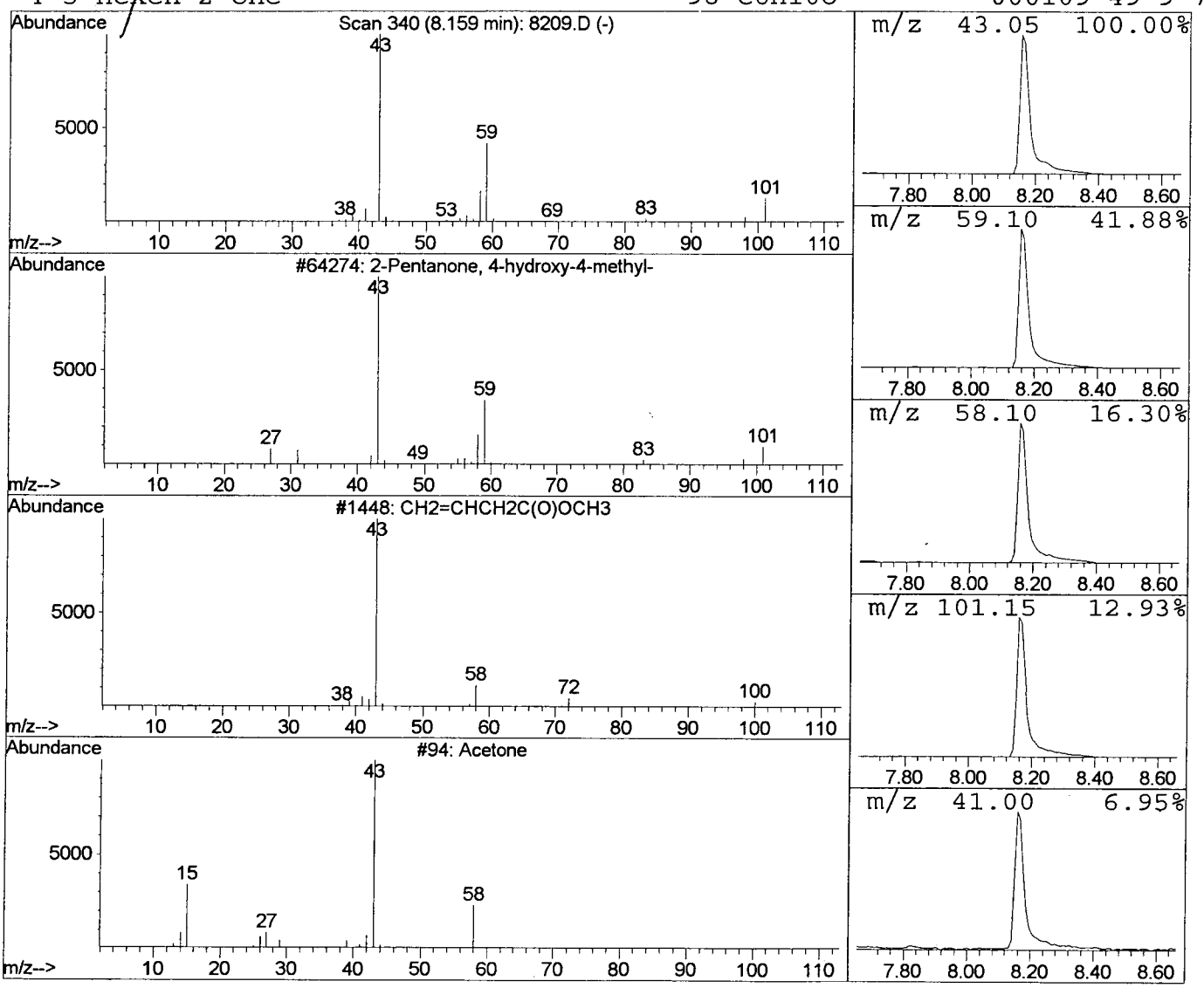
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	15.38 ug/l	969173	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 May 2002 5:38 am
Data File: C:\HPCHEM\1\DATA\MAY0202\8209.D
Name: GC/MS SCAN 4/22
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~~	8.16	15.4	ug/l	969173	ISTD01	12.19	2520050	40.0

8209.D GCMS0501.M Fri May 03 12:23:09 2002