User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 10:36:34

Sample: AE09452
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 10:35 Ended: 5/6/02 10:35 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		10.0

Comments for Sample AE09452 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 10:37:27

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\MAY0202\9452.D Vial: 17
Acq On : 3 May 2002 6:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:57 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	451975	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1656126	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	893053	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1220986	40.00	ug/l	-0.01
38) Chrysene-d12	33.64	240	692098	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	429414	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.28	209	41130	9.46	ug/L	-0.01
Spiked Amount 10.000			Recovery = 94.60%			
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	13.40	77	606	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	15.88	128	350	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.	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	22.62	149	1304	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	324	N.D.		

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

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DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	324	N.D.	
36)	Di-n-butylphthalate	27.55	149	6863	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	33.65	228	1489	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.87	149	8897	0.54 ug/l #	93
43)	Chrysene	33.71	228	495	N.D.	
45)	Di-n-Octylphthalate	35.60	149	177	N.D.	
46)	Benzo(b)fluoranthene	36.70	252	104	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.87	252	1558	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 6:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
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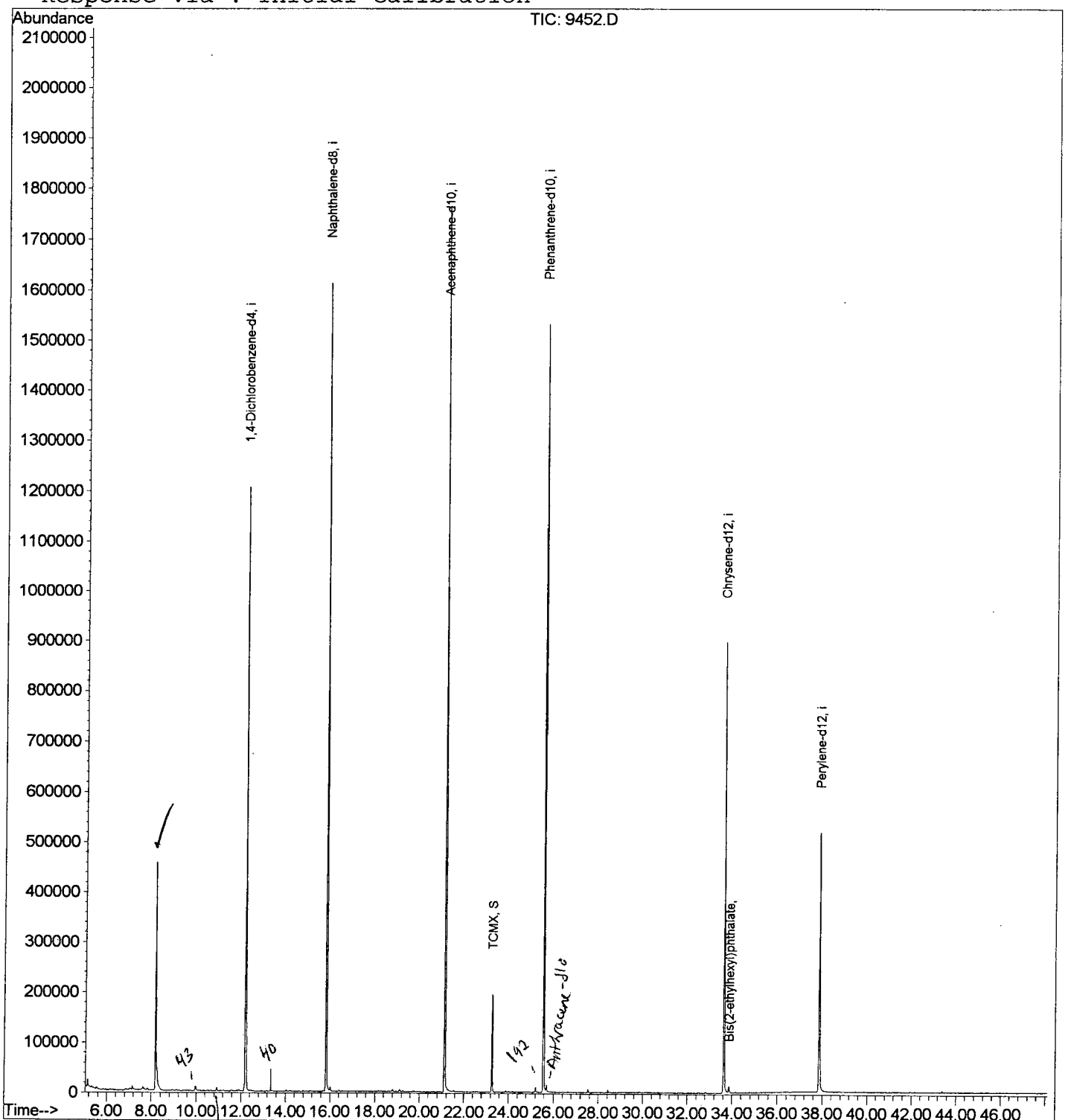
Quant Time: May 3 9:57 2002 Quant Results File: GCMS0501.RES

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\9452.D Vial: 17
Acq On : 3 May 2002 6:38 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

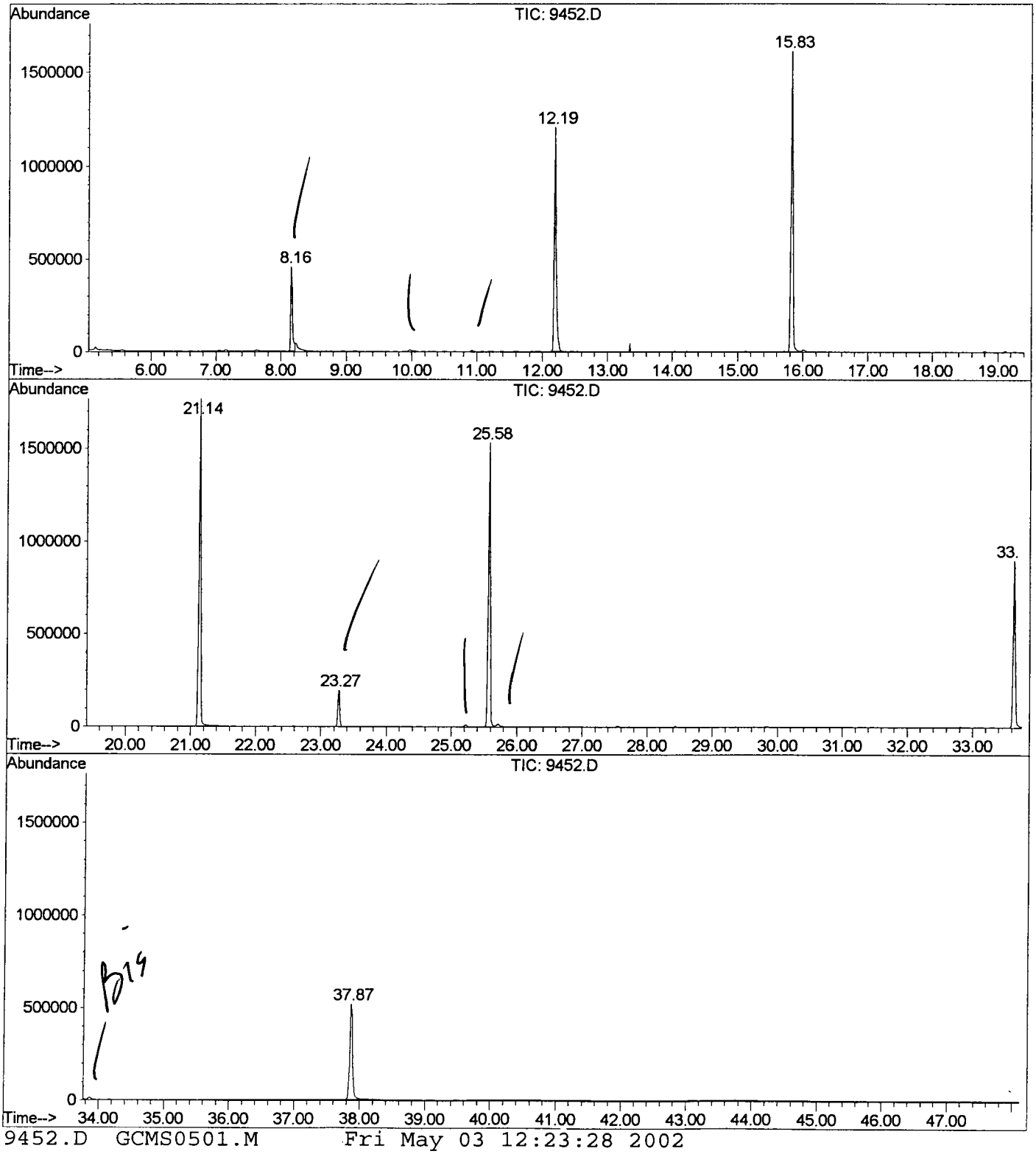
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.161	337	341	347	rBV	454145	882668	24.12%	4.986%
2	12.193	776	781	794	rVB	1202307	2620891	71.63%	14.804%
3	15.831	1171	1178	1190	rBV	1609591	3312643	90.53%	18.711%
4	21.137	1750	1757	1775	rBV	1762230	3659069	100.00%	20.667%
5	23.272	1982	1990	1997	rBV	194341	402264	10.99%	2.272%
6	25.581	2235	2242	2252	rBV2	1528943	3275862	89.53%	18.503%
7	33.636	3115	3121	3135	rBV2	896102	2062886	56.38%	11.652%
8	37.870	3575	3583	3598	rBV2	515601	1488202	40.67%	8.406%

Sum of corrected areas: 17704485

9452.D GCMS0501.M Fri May 03 12:23:27 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0202\9452.D
Operator :
Acquired : 3 May 2002 6:38 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/22
Misc Info :
Vial Number: 17
Quant File :GCMS0501.RES (RTE Integrator)



9452.D GCMS0501.M Fri May 03 12:23:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9452.D Vial: 17
Acq On : 3 May 2002 6:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

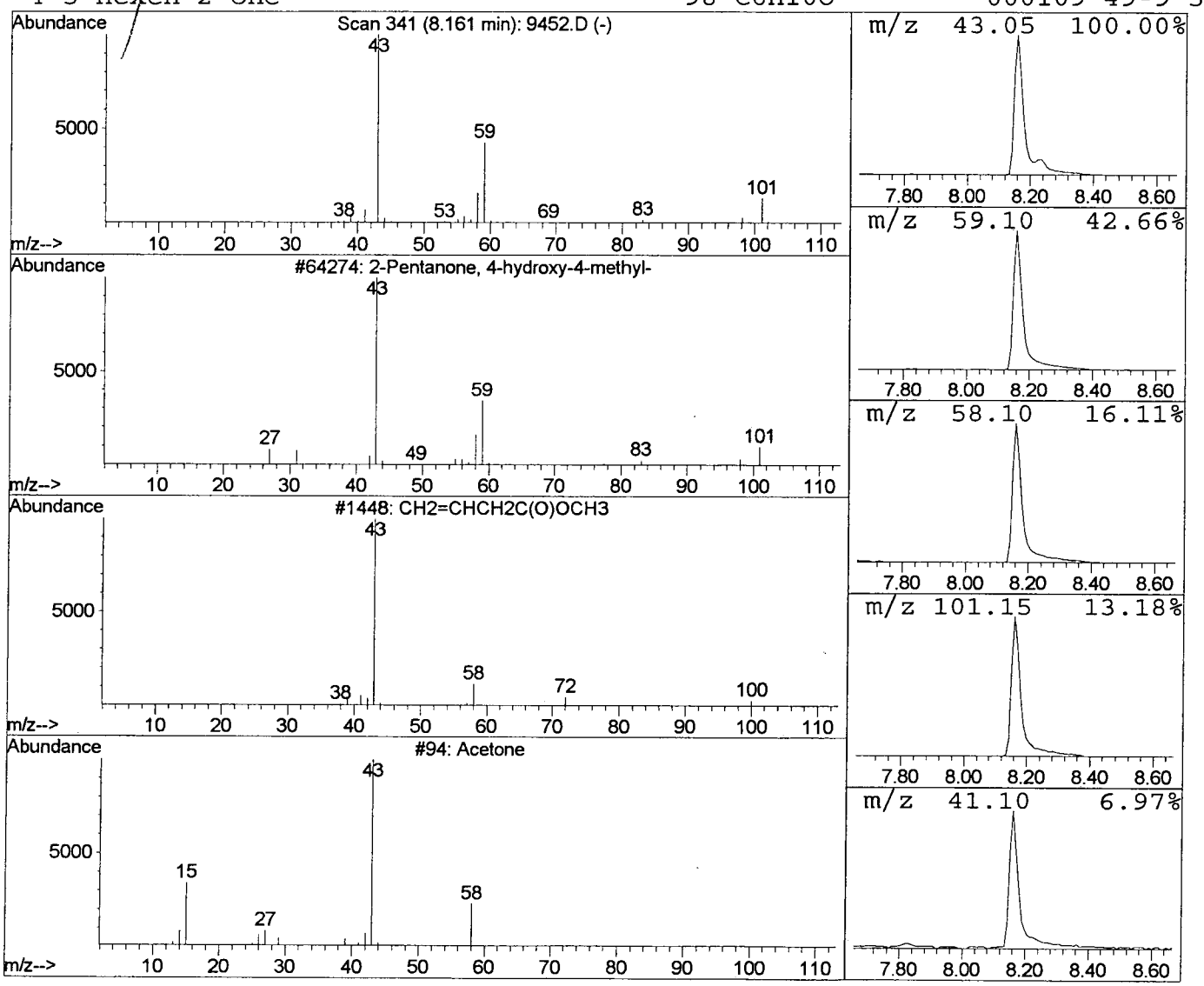
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.47 ug/l	882668	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	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 May 2002 6:38 am
Data File: C:\HPCHEM\1\DATA\MAY0202\9452.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	13.5	ug/l	882668	ISTD01	12.19	2620890	40.0

9452.D GCMS0501.M Fri May 03 12:23:29 2002