User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 10:38:42

Sample: AE09453
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 10:38 Ended: 5/6/02 10:38 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		10.0

Comments for Sample AE09453 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 10:39:14

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\9453.D Vial: 18
Acq On : 3 May 2002 7:38 am Operator:
Sample : GC/MS SCAN 4/22 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:59 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	404094	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1481373	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	800994	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1106846	40.00	ug/l	-0.01
38) Chrysene-d12	33.64	240	692846	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	452900	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	34999	8.98	ug/L	-0.02
Spiked Amount 10.000			Recovery = 89.80%			
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	632	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.	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	1492	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	199	N.D.		

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

Quantitation Report (QT Reviewed)

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Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

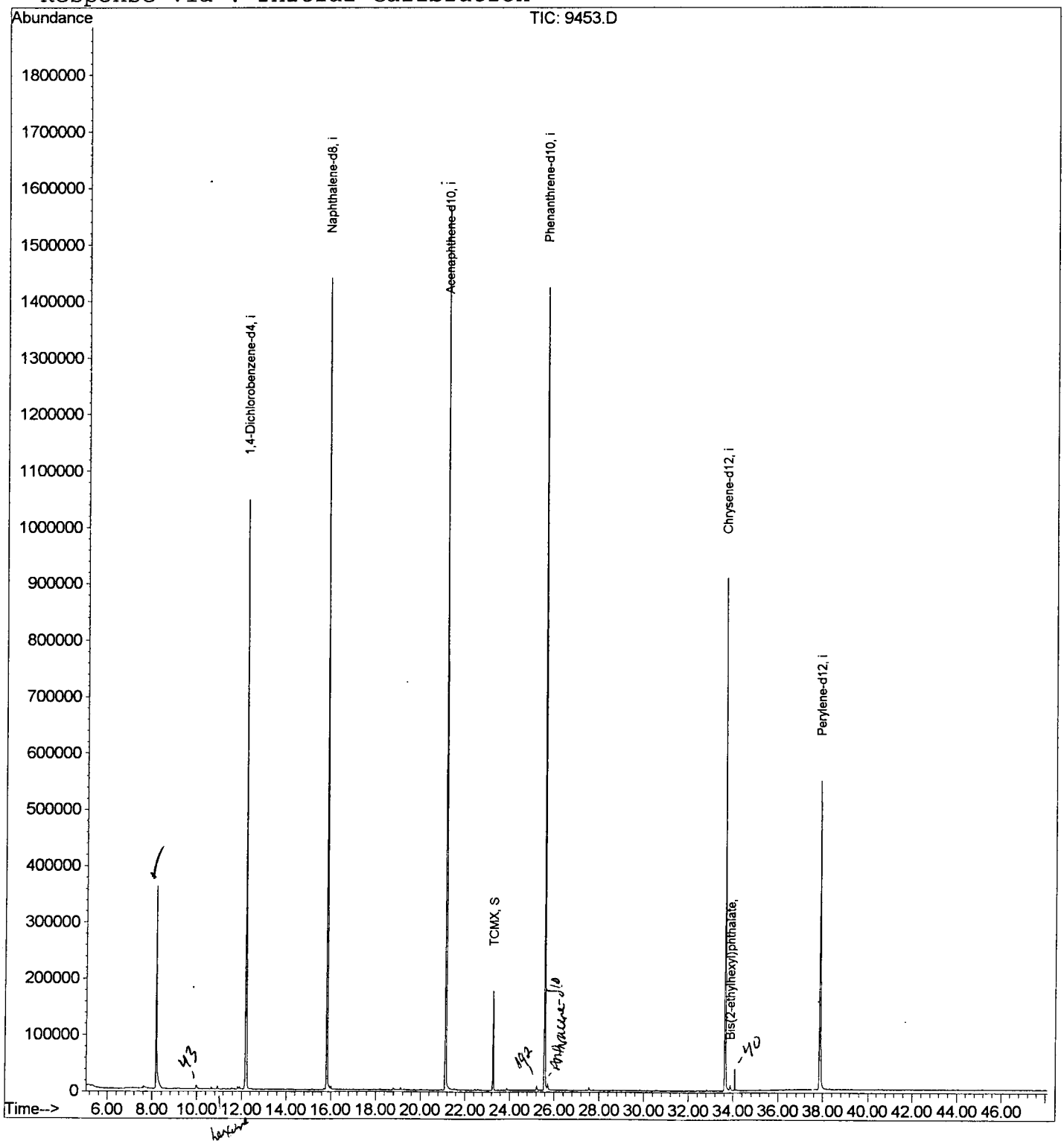
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	199	N.D.	
36)	Di-n-butylphthalate	27.55	149	5959	N.D.	
37)	Fluoranthene	29.27	202	331	N.D.	
39)	Pyrene	29.95	202	283	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	1482	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.87	149	6649	0.40 ug/l	95
43)	Chrysene	33.64	228	1482	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	1739	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\MAY0202\9453.D Vial: 18
Acq On : 3 May 2002 7:38 am Operator:
Sample : GC/MS SCAN 4/22 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:59 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\9453.D Vial: 18
Acq On : 3 May 2002 7:38 am Operator:
Sample : GC/MS SCAN 4/22 FB 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

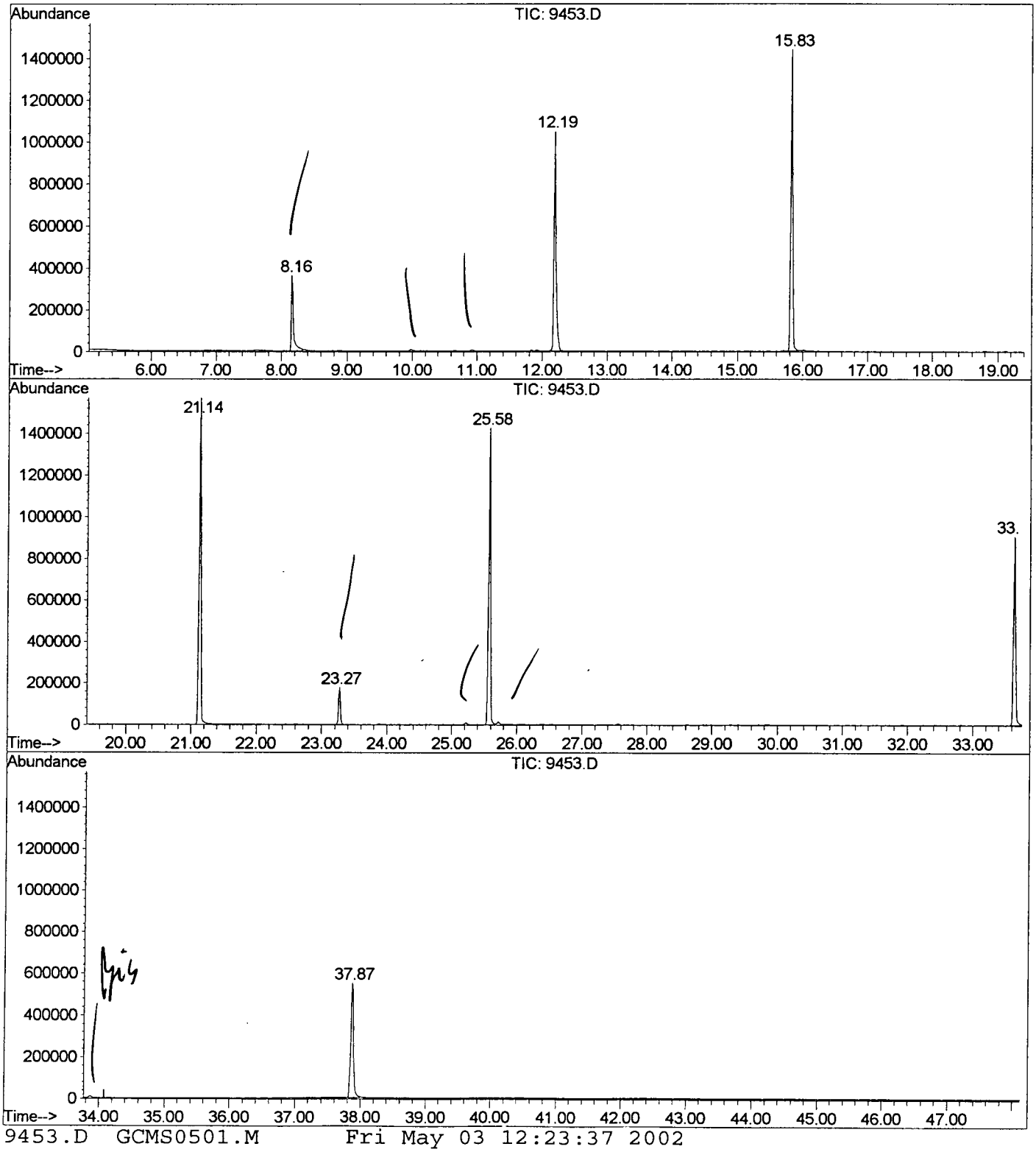
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.162	337	341	359	rBV	359230	791381	24.11%	4.834%
2	12.194	776	781	799	rVB	1045420	2356435	71.79%	14.393%
3	15.832	1171	1178	1191	rBV	1437674	2965557	90.34%	18.114%
4	21.138	1750	1757	1774	rBV	1567064	3282608	100.00%	20.050%
5	23.273	1983	1990	1996	rVB	175769	340784	10.38%	2.082%
6	25.582	2235	2242	2253	rBV2	1422373	2988943	91.05%	18.257%
7	33.637	3115	3121	3133	rBV2	908304	2067079	62.97%	12.626%
8	37.870	3575	3583	3596	rBV2	547059	1579049	48.10%	9.645%

Sum of corrected areas: 16371836

9453.D GCMS0501.M Fri May 03 12:23:36 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0202\9453.D
Operator :
Acquired : 3 May 2002 7:38 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/22 FB
Misc Info :
Vial Number: 18
Quant File :GCMS0501.RES (RTE Integrator)



9453.D GCMS0501.M Fri May 03 12:23:37 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9453.D Vial: 18
Acq On : 3 May 2002 7:38 am Operator:
Sample : GC/MS SCAN 4/22 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

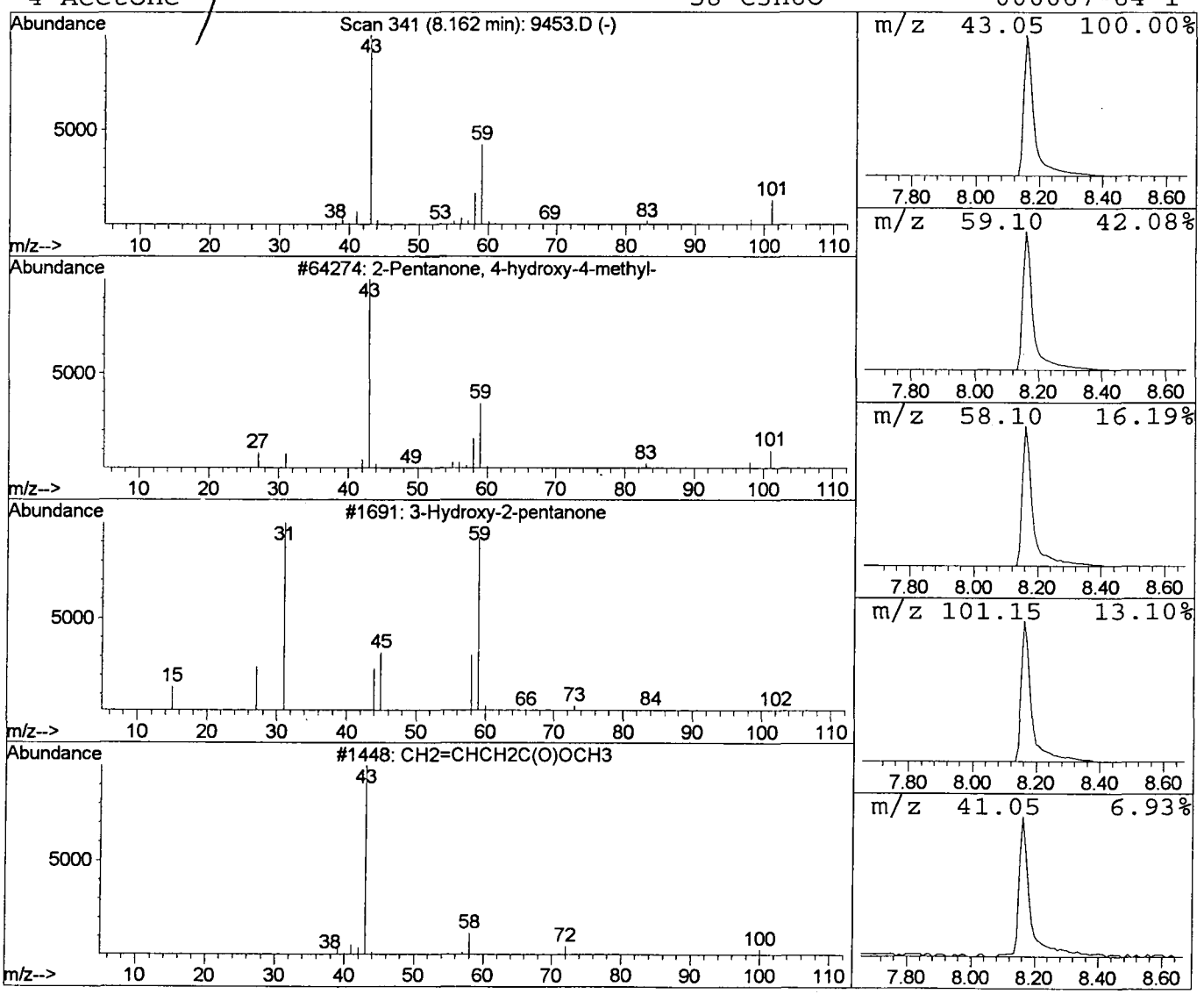
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.43 ug/l	791381	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	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 May 2002 7:38 am
Data File: C:\HPCHEM\1\DATA\MAY0202\9453.D
Name: GC/MS SCAN 4/22 FB
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	13.4	ug/l	791381	ISTD01	12.19	2356440	40.0

9453.D GCMS0501.M Fri May 03 12:23:38 2002