User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 12:19:52

Sample: AE10515
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 12:17 Ended: 5/21/02 12:17 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		10.0

Comments for Sample AE10515 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-21-2002 Time: 12:20:20

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\MAY1002\10515.D Vial: 38
Acq On : 12 May 2002 2:10 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 14:48 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	604161	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	2197148	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	1202057	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.54	188	1666645	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	967737	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	558433	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.24	209	47657	7.97	ug/L	-0.03
Spiked Amount 10.000			Recovery = 79.70%			
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	12.06	146	105	N.D.		
5) 1,4-Dichlorobenzene	12.21	146	231	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	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	15.85	128	611	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	22.58	149	1064	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.54	178	559	N.D.		

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

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Misc : Multiplr: 1.00
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Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

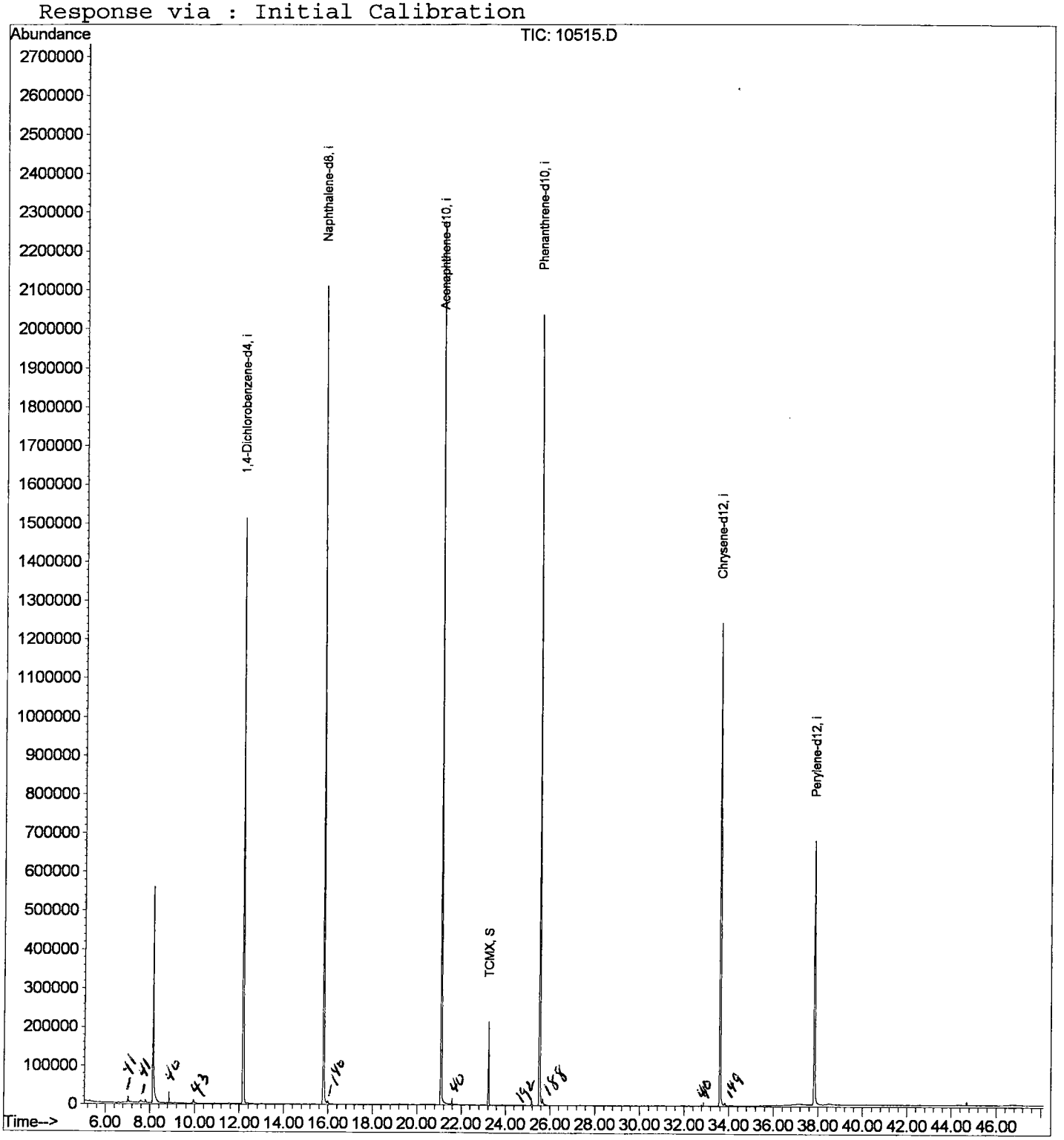
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.54	178	559	N.D.	
36)	Di-n-butylphthalate	27.52	149	1841	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.68	228	1554	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	3390	N.D.	
43)	Chrysene	33.68	228	1611	N.D.	
45)	Di-n-Octylphthalate	35.57	149	323	N.D.	
46)	Benzo(b)fluoranthene	36.67	252	757	N.D.	
47)	Benzo(k)fluoranthene	36.72	252	923	N.D.	
48)	Benzo(a)pyrene	37.84	252	2135	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\MAY1002\10515.D Vial: 38
Acq On : 12 May 2002 2:10 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 14:48 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10515.D Vial: 38
Acq On : 12 May 2002 2:10 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

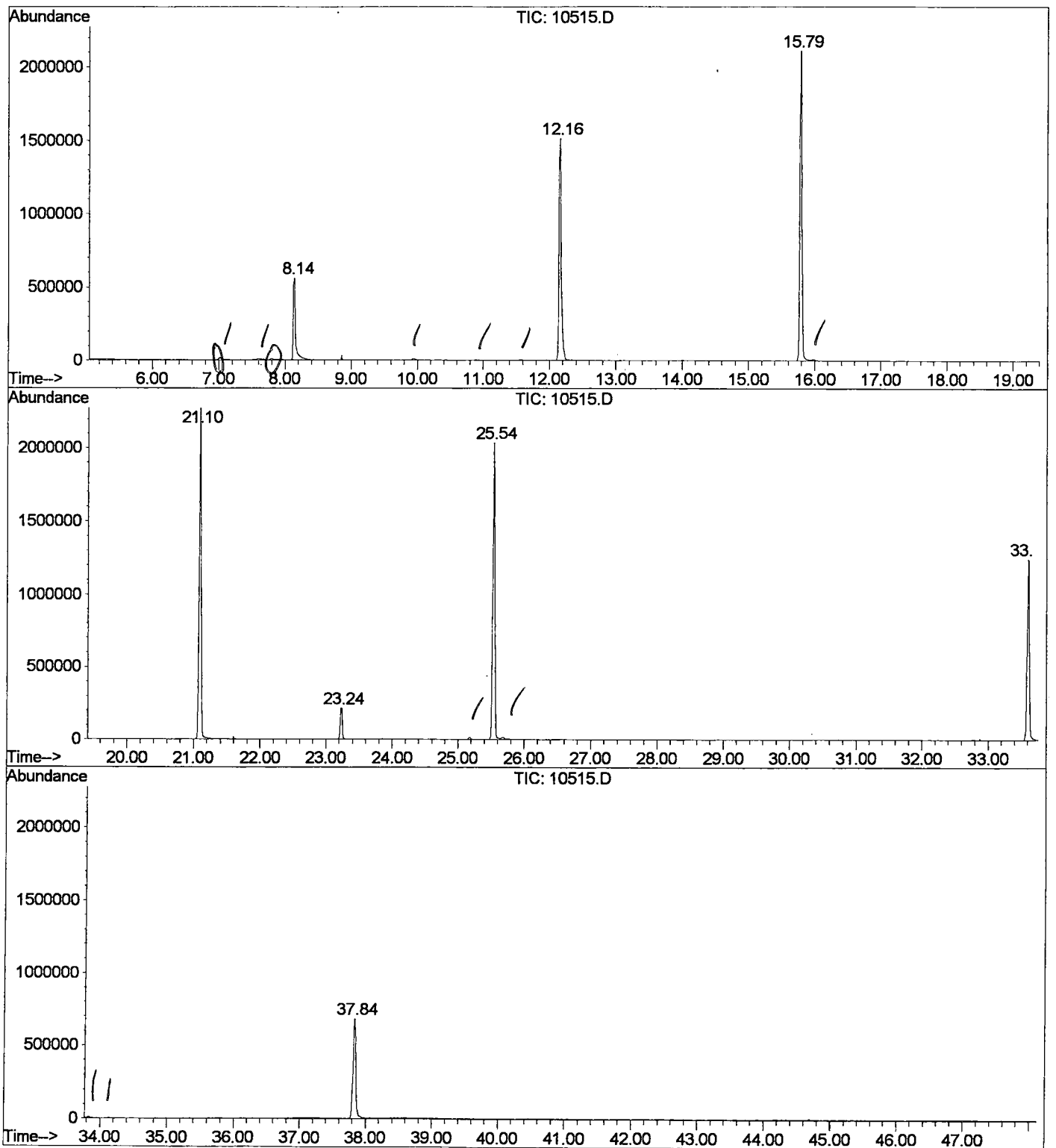
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.139	334	338	367	rVB	557293	1260661	26.21%	5.333%
2	12.162	771	777	793	rBV	1512032	3439993	71.53%	14.552%
3	15.790	1167	1173	1190	rBV	2109013	4330302	90.05%	18.319%
4	21.096	1745	1752	1774	rBV	2275875	4809011	100.00%	20.344%
5	23.240	1978	1986	1993	rVB	216119	456005	9.48%	1.929%
6	25.540	2230	2237	2248	rBV2	2036648	4450492	92.54%	18.827%
7	33.604	3110	3117	3137	rBV2	1244308	2914927	60.61%	12.331%
8	37.838	3570	3579	3600	rBV2	678247	1977370	41.12%	8.365%

Sum of corrected areas: 23638761

10515.D GCMS0510.M Thu May 16 14:52:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10515.D
Operator :
Acquired : 12 May 2002 2:10 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: gc/ms scan 5/2
Misc Info :
Vial Number: 38
Quant File :GCMS0510.RES (RTE Integrator)



10515.D GCMS0510.M Thu May 16 14:52:48 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10515.D Vial: 38
Acq On : 12 May 2002 2:10 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

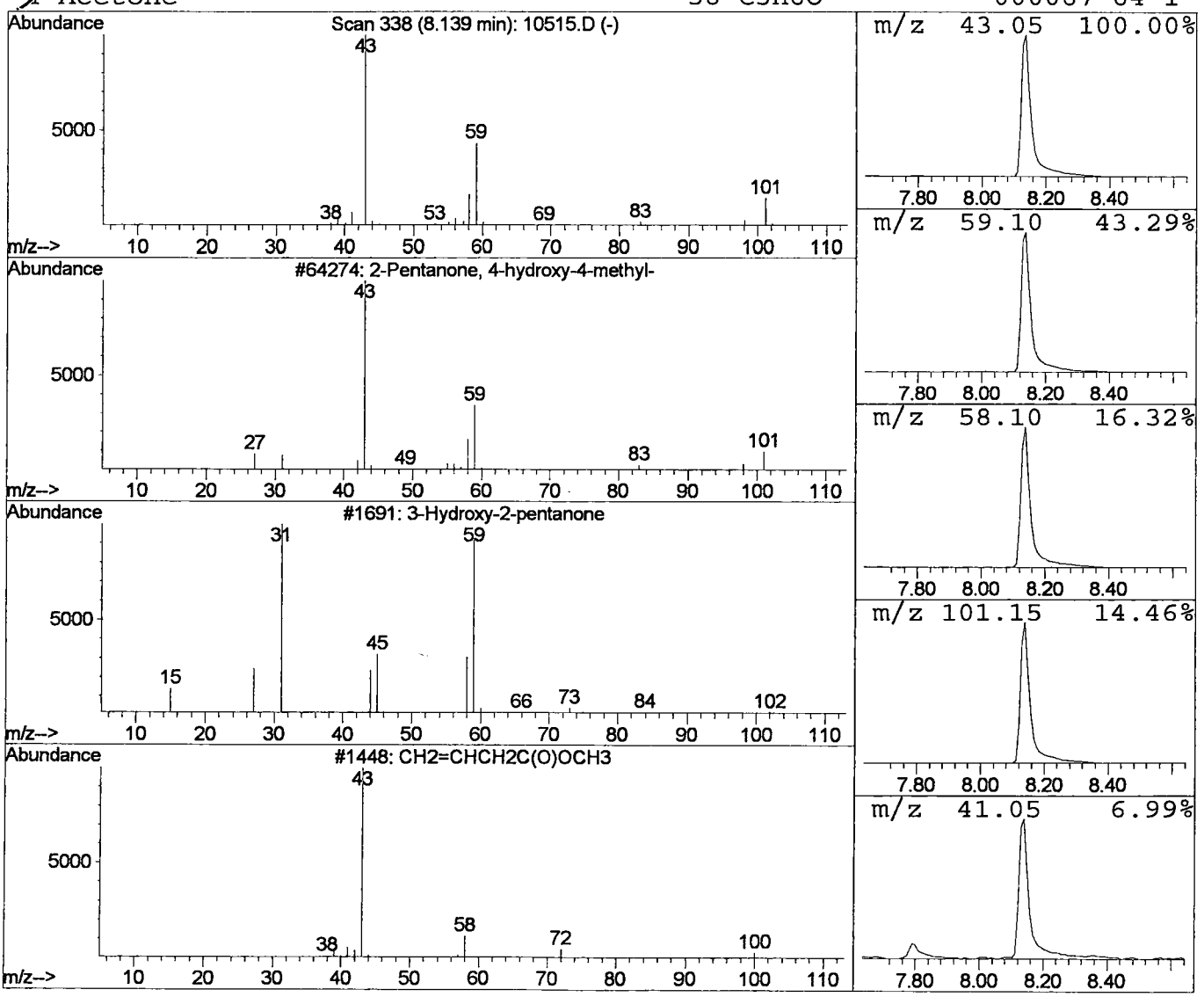
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	14.66 ug/l	1260660	1,4-Dichlorobenzene-d4	12.16

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	8
4	Acetone	58	C3H6O	000067-64-1	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 12 May 2002 2:10 am
Data File: C:\HPCHEM\1\DATA\MAY1002\10515.D
Name: gc/ms scan 5/2
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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	8.14	14.7	ug/l	1260660	ISTD01	12.16	3439990	40.0

10515.D GCMS0510.M Thu May 16 14:52:50 2002