User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 11:32:23

Sample: AE10431
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 11:32 Ended: 5/20/02 11:32 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		10.0

Comments for Sample AE10431 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-20-2002 Time: 11:32:55

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

Data File : C:\HPCHEM\1\DATA\MAY1002\10431.D Vial: 28
Acq On : 11 May 2002 4:26 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 9:55 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	12.17	152	416374	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	1488793	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	817951	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.54	188	1116119	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	700844	40.00	ug/l	-0.03
44) Perylene-d12	37.83	264	463008	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.24	209	33481	8.23	ug/L	-0.03
Spiked Amount 10.000			Recovery = 82.30%			
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	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-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.38	77	395	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	22.58	149	405	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	217	N.D.		

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

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 9:55 2002 Quant Results File: GCMS0510.RES

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Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
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	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.54	178	217	N.D.	
36)	Di-n-butylphthalate	27.52	149	1409	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	33.61	228	2678	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.84	149	1305	N.D.	
43)	Chrysene	33.68	228	1168	N.D.	
45)	Di-n-Octylphthalate	35.58	149	315	N.D.	
46)	Benzo(b)fluoranthene	36.66	252	924	N.D.	
47)	Benzo(k)fluoranthene	36.74	252	1405	N.D.	
48)	Benzo(a)pyrene	37.65	252	581	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

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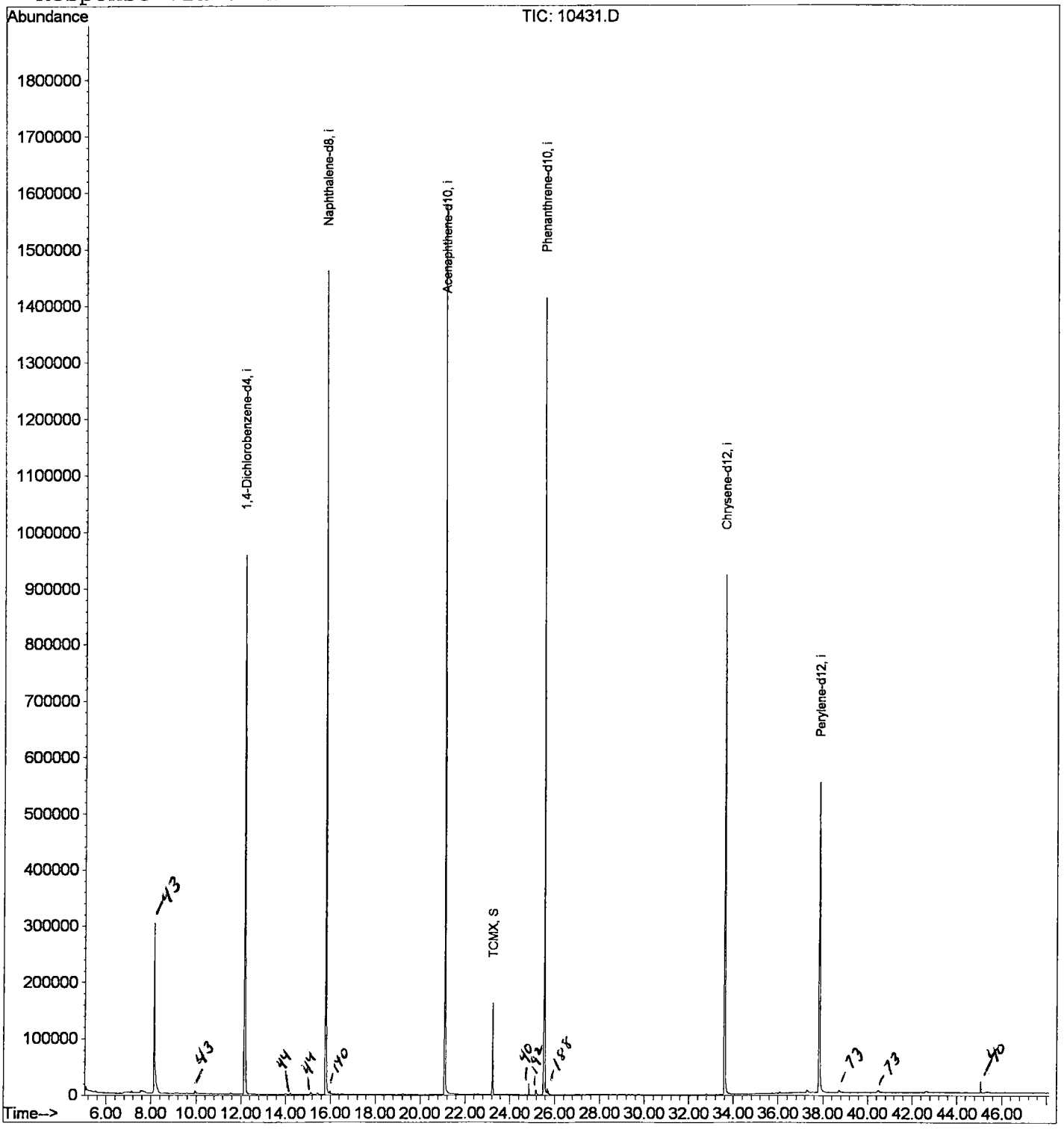
Acq On : 11 May 2002 4:26 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 9:55 2002 Quant Results File: GCMS0510.RES

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\10431.D Vial: 28
Acq On : 11 May 2002 4:26 pm 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

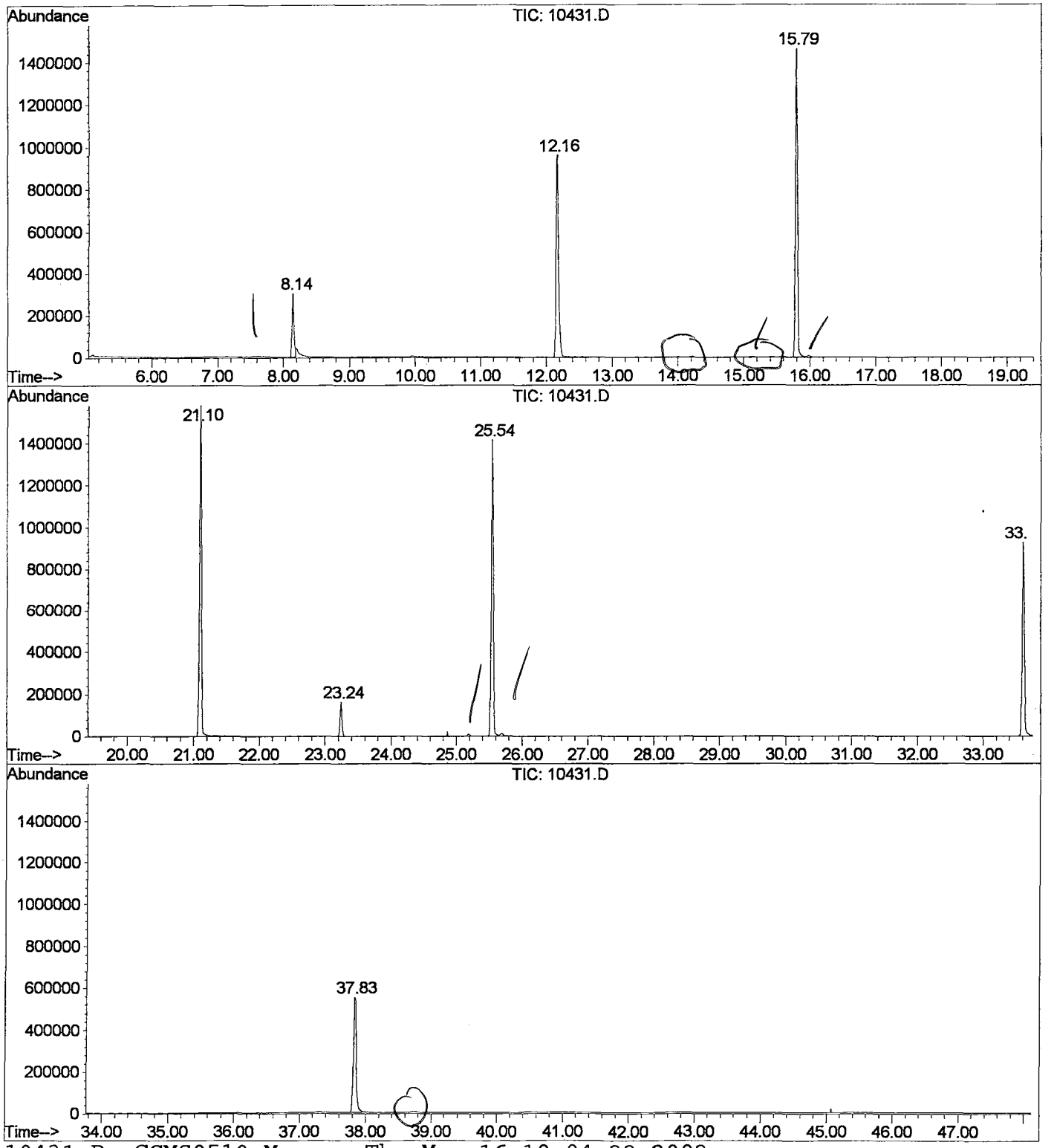
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.143	335	339	344	rBV	301499	599281	18.27%	3.697%
2	12.157	772	777	794	rBV	958984	2369135	72.21%	14.616%
3	15.794	1168	1174	1190	rBV	1461280	2949202	89.89%	18.195%
4	21.100	1747	1753	1775	rBV	1578405	3280885	100.00%	20.241%
5	23.244	1978	1987	1992	rBV	162239	319215	9.73%	1.969%
6	25.545	2232	2238	2249	rBV2	1413684	2987510	91.06%	18.431%
7	33.609	3111	3118	3132	rBV2	923941	2083094	63.49%	12.852%
8	37.833	3571	3579	3599	rBV2	550901	1620401	49.39%	9.997%

Sum of corrected areas: 16208723

10431.D GCMS0510.M Thu May 16 10:04:21 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10431.D
Operator :
Acquired : 11 May 2002 4:26 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: gc/ms scan 5/2
Misc Info :
Vial Number: 28
Quant File :GCMS0510.RES (RTE Integrator)



10431.D GCMS0510.M Thu May 16 10:04:22 2002

Data File : C:\HPCHEM\1\DATA\MAY1002\10431.D Vial: 28
Acq On : 11 May 2002 4:26 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

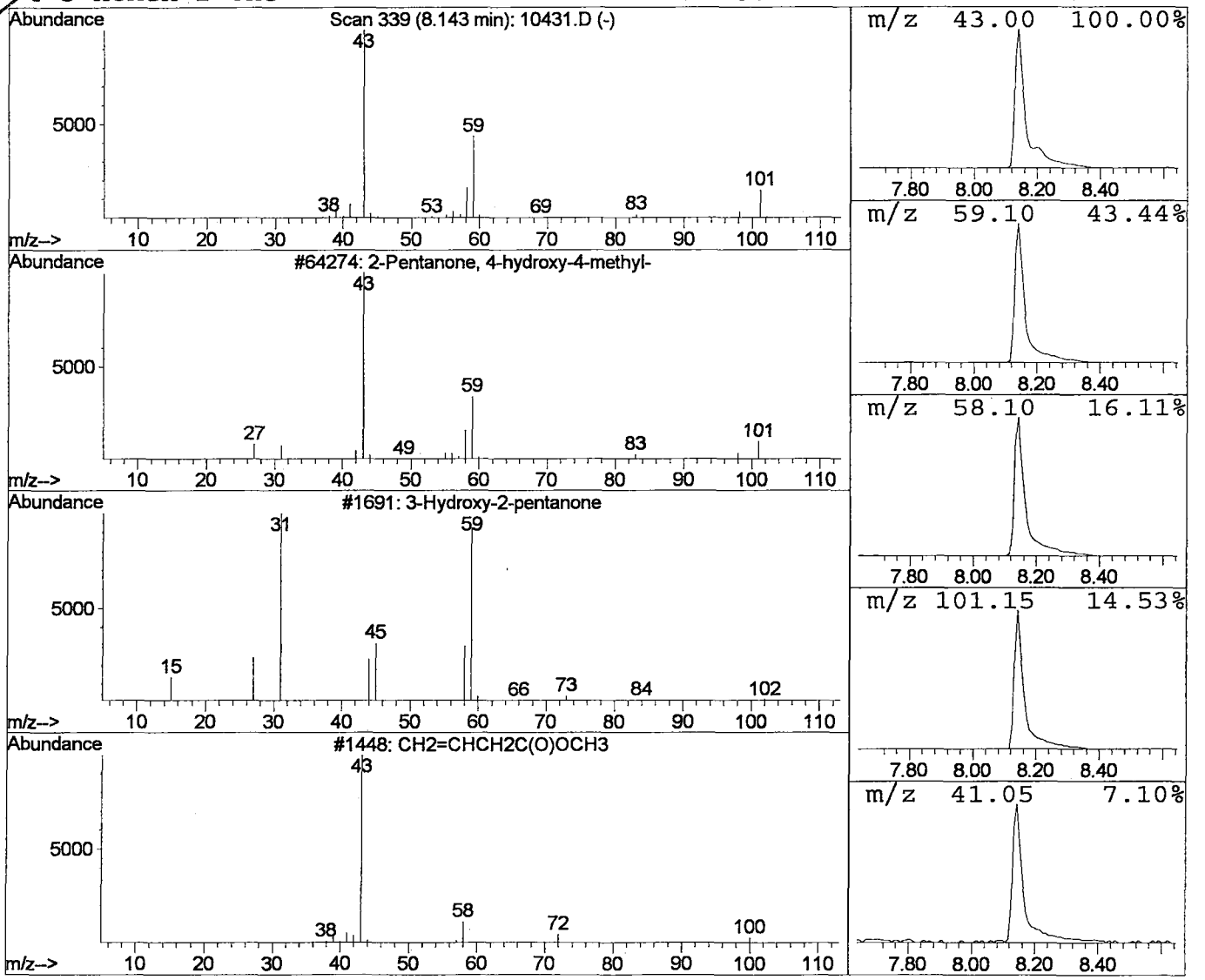
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	10.12 ug/l	599281	1,4-Dichlorobenzene-d4	12.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	8
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 May 2002 4:26 pm
Data File: C:\HPCHEM\1\DATA\MAY1002\10431.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	10.1	ug/l	599281	ISTD01	12.17	2369140	40.0

10431.D GCMS0510.M Thu May 16 10:04:23 2002