User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/16/2002 Time: 14:55:32

Sample: AE08430
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/16/02 14:55 Ended: 5/16/02 14:55 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

Comments for Sample AE08430 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-16-2002 Time: 14:55:58

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\MAY0902\8430.D Vial: 10
Acq On : 9 May 2002 11:13 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:52 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

re extraction

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	469877	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1725408	40.00	ug/l	0.00
17) Acenaphthene-d10	21.14	164	944907	40.00	ug/l	0.00
30) Phenanthrene-d10	25.57	188	1321672	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	824011	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	512675	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	164866	35.08	ug/L	0.00
Spiked Amount 40.000			Recovery = 87.70%			
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	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	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	15.89	128	119	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	22.62	149	431	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	23.27	168	449	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.57	178	343	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

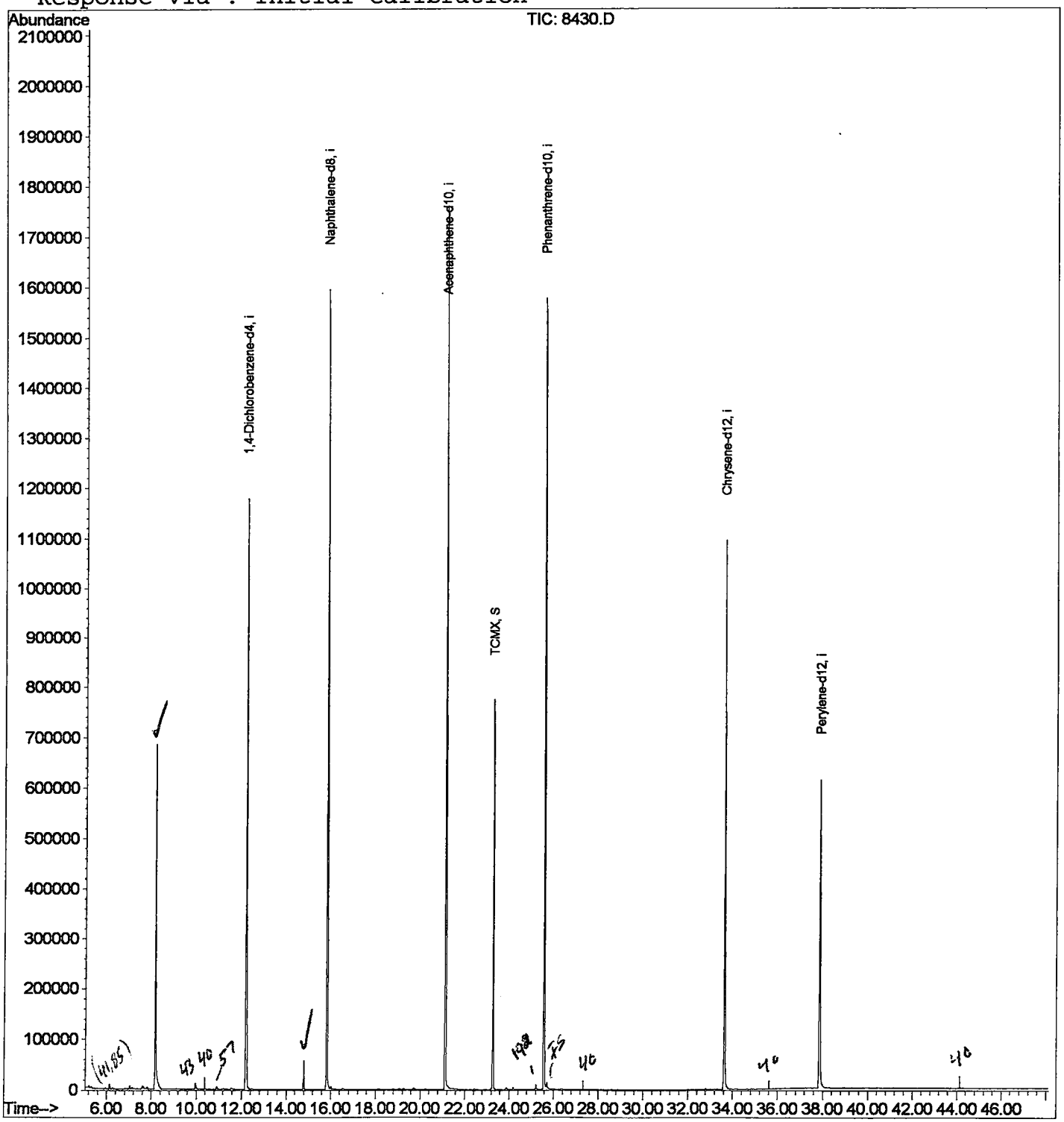
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.57	178	343	N.D.	
36)	Di-n-butylphthalate	27.55	149	1773	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	1964	N.D.	
42)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
43)	Chrysene	33.64	228	1964	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	37.86	252	1956	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\MAY0902\8430.D Vial: 10
Acq On : 9 May 2002 11:13 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:52 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0902\8430.D Vial: 10
Acq On : 9 May 2002 11:13 pm Operator:
Sample : GC/MS SCAN 5/8 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

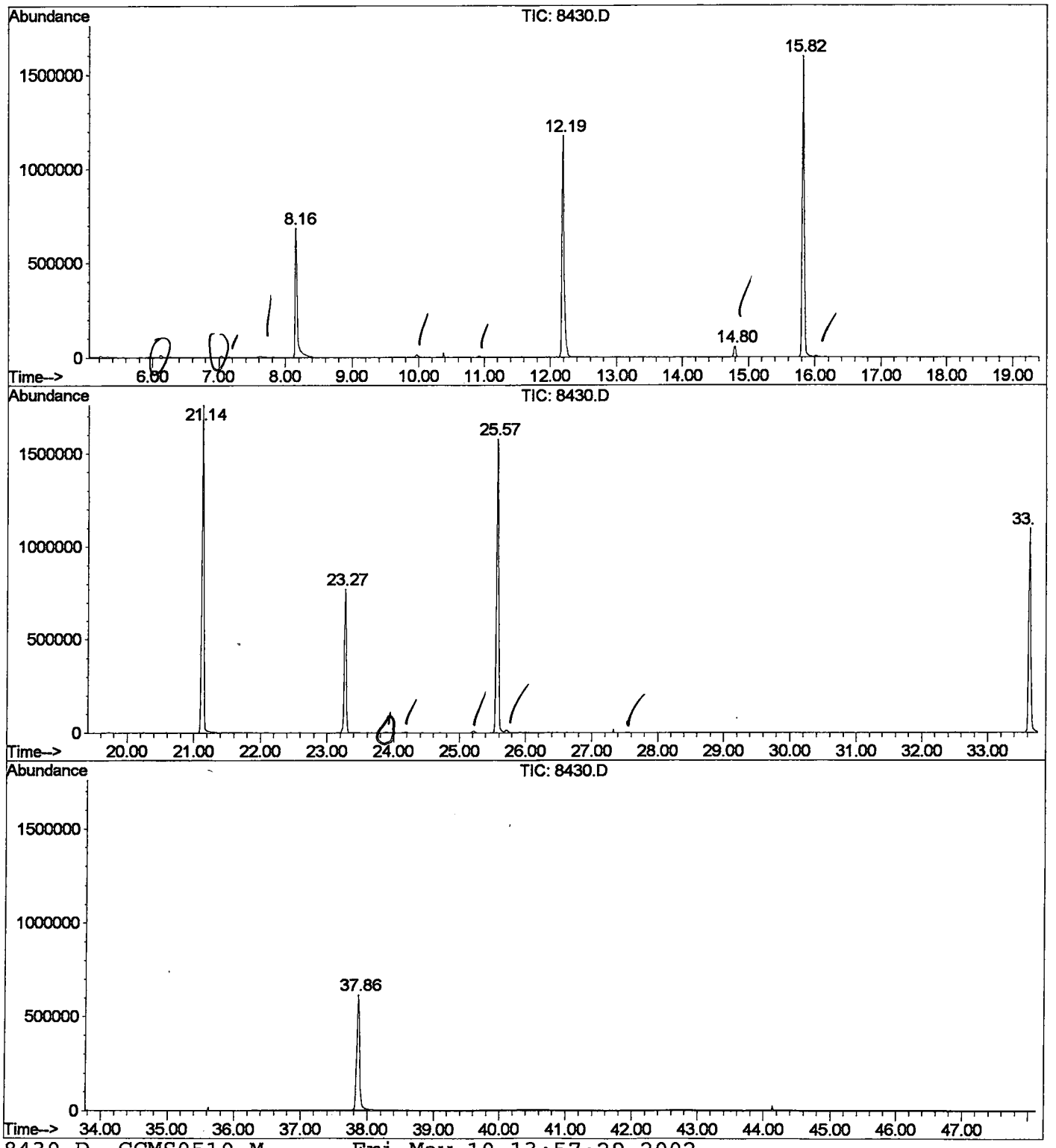
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.161	337	341	370	rBV	684354	1492333	39.59%	7.194%
2	12.193	775	781	798	rBV	1177813	2671996	70.88%	12.881%
3	14.796	1057	1065	1072	rBV	56321	107155	2.84%	0.517%
4	15.822	1171	1177	1194	rBV	1593871	3383130	89.74%	16.310%
5	21.137	1750	1757	1780	rBV	1759102	3769866	100.00%	18.174%
6	23.272	1981	1990	1996	rBV	773332	1587053	42.10%	7.651%
7	25.572	2234	2241	2252	rBV2	1576250	3494902	92.71%	16.848%
8	33.636	3114	3121	3132	rBV	1094575	2452997	65.07%	11.826%
9	37.860	3574	3582	3602	rBV2	611358	1783791	47.32%	8.599%

Sum of corrected areas: 20743223

8430.D GCMS0510.M Fri May 10 13:57:28 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0902\8430.D
Operator :
Acquired : 9 May 2002 11:13 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/8
Misc Info :
Vial Number: 10
Quant File :GCMS0510.RES (RTE Integrator)



8430.D GCMS0510.M Fri May 10 13:57:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0902\8430.D Vial: 10
Acq On : 9 May 2002 11:13 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

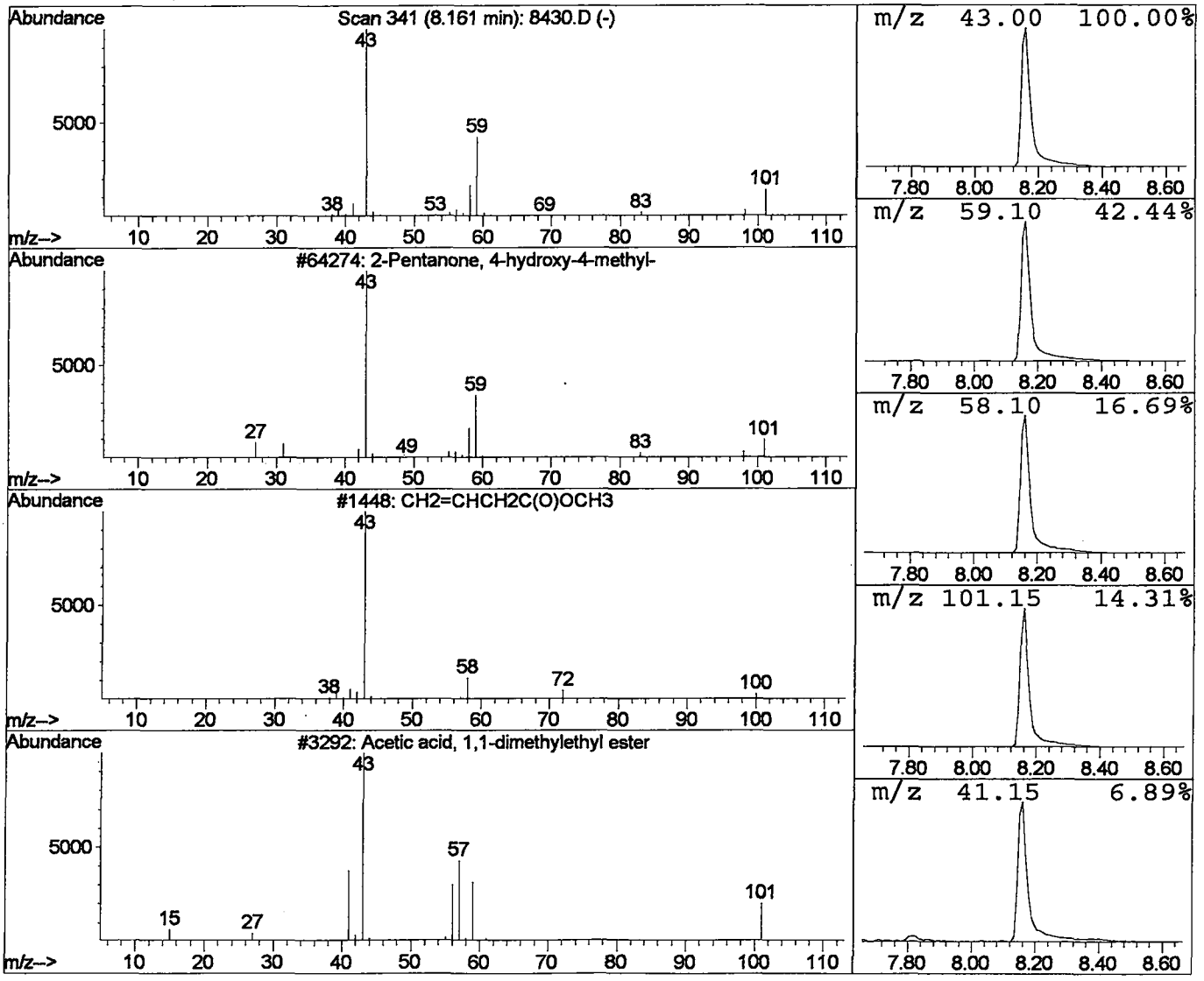
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	22.34 ug/l	1492330	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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
4	Acetone	58	C3H6O	000067-64-1	7



Data File : C:\HPCHEM\1\DATA\MAY0902\8430.D Vial: 10
Acq On : 9 May 2002 11:13 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

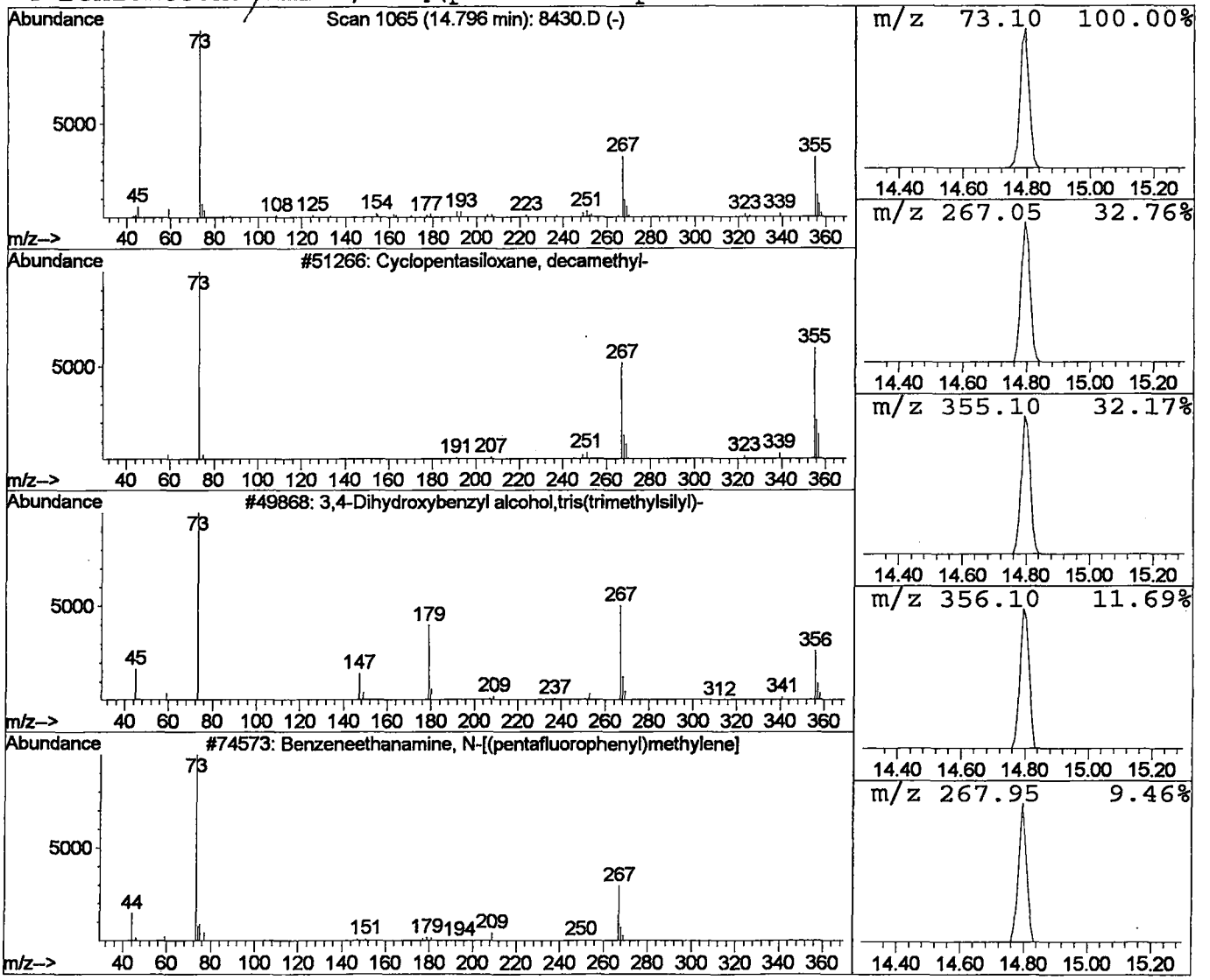
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	1.27 ug/l	107155	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
3	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	43
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 9 May 2002 11:13 pm
Data File: C:\HPCHEM\1\DATA\MAY0902\8430.D
Name: GC/MS SCAN 5/8
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	8.16	22.3	ug/l	1492330	ISTD01	12.19	2672000	40.0
Cyclopentasiloxane,	14.80	1.3	ug/l	107155	ISTD02	15.83	3383130	40.0

8430.D GCMS0510.M Fri May 10 13:57:32 2002