User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/16/2002 Time: 15:39:28

Sample: AE09520
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/16/02 15:39 Ended: 5/16/02 15:39 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE09520 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-16-2002 Time: 15:40:29

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\9520.D Vial: 8
Acq On : 9 May 2002 9:13 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:50 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	490272	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1790386	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	976598	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1383742	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	901647	40.00	ug/l	0.00
44) Perylene-d12	37.87	264	586519	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.28	209	167047	34.39	ug/L	0.00
Spiked Amount 40.000			Recovery = 85.97%			
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	15.88	128	209	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	1292	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	482	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.63	178	450	N.D.		

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

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Misc : Multiplr: 1.00
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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	25.63	178	450	N.D.	
36)	Di-n-butylphthalate	27.55	149	6260	N.D.	
37)	Fluoranthene	29.27	202	106	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.63	228	2244	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	1281	N.D.	
43)	Chrysene	33.63	228	2244	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	37.87	252	2156	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.	

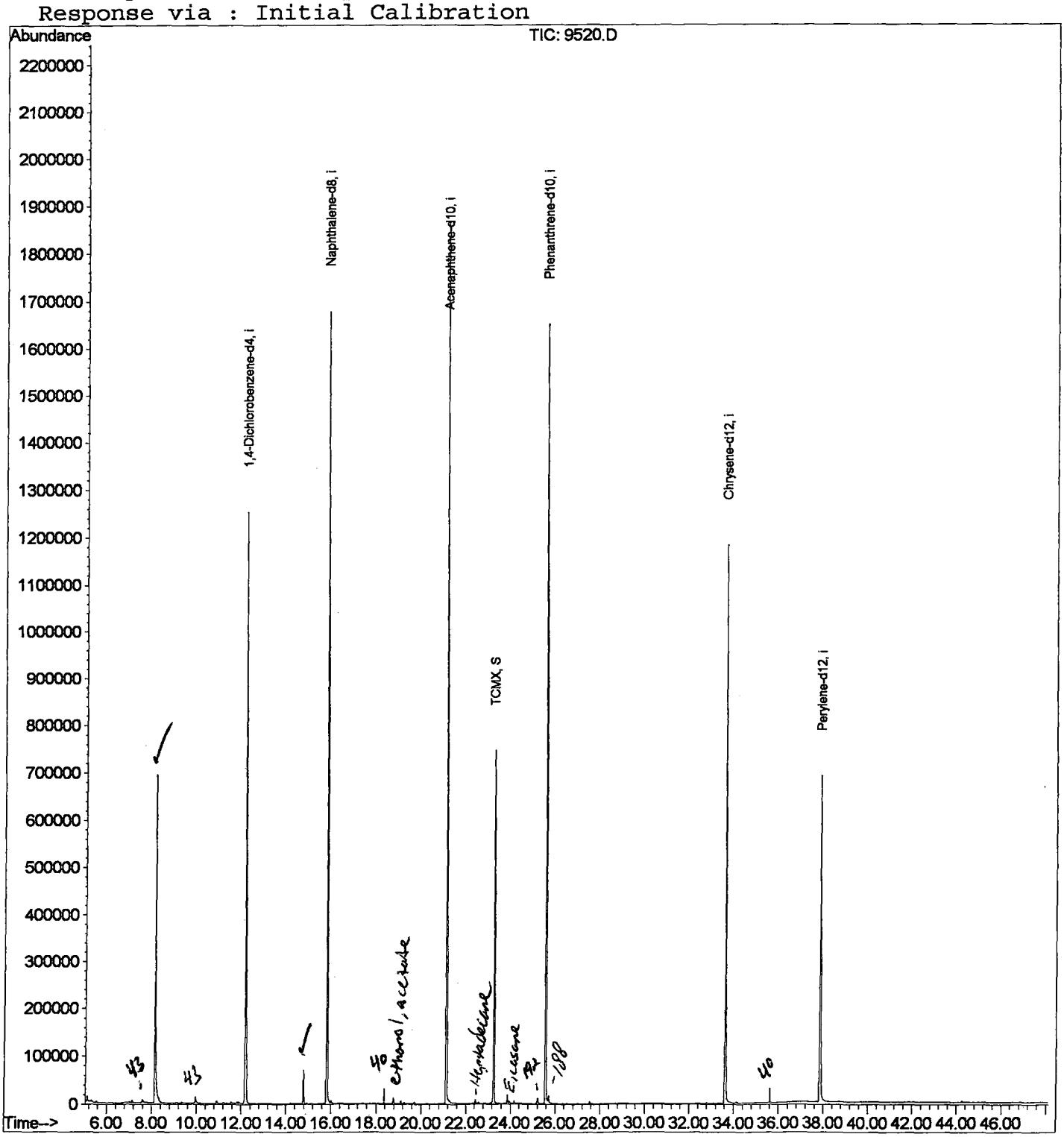
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0902\9520.D
Acq On : 9 May 2002 9:13 pm
Sample : GC/MS SCAN 5/8
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 10 13:50 2002

Vial: 8
Operator:
Inst : 209
Multiplr: 1.00
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\9520.D Vial: 8
Acq On : 9 May 2002 9:13 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

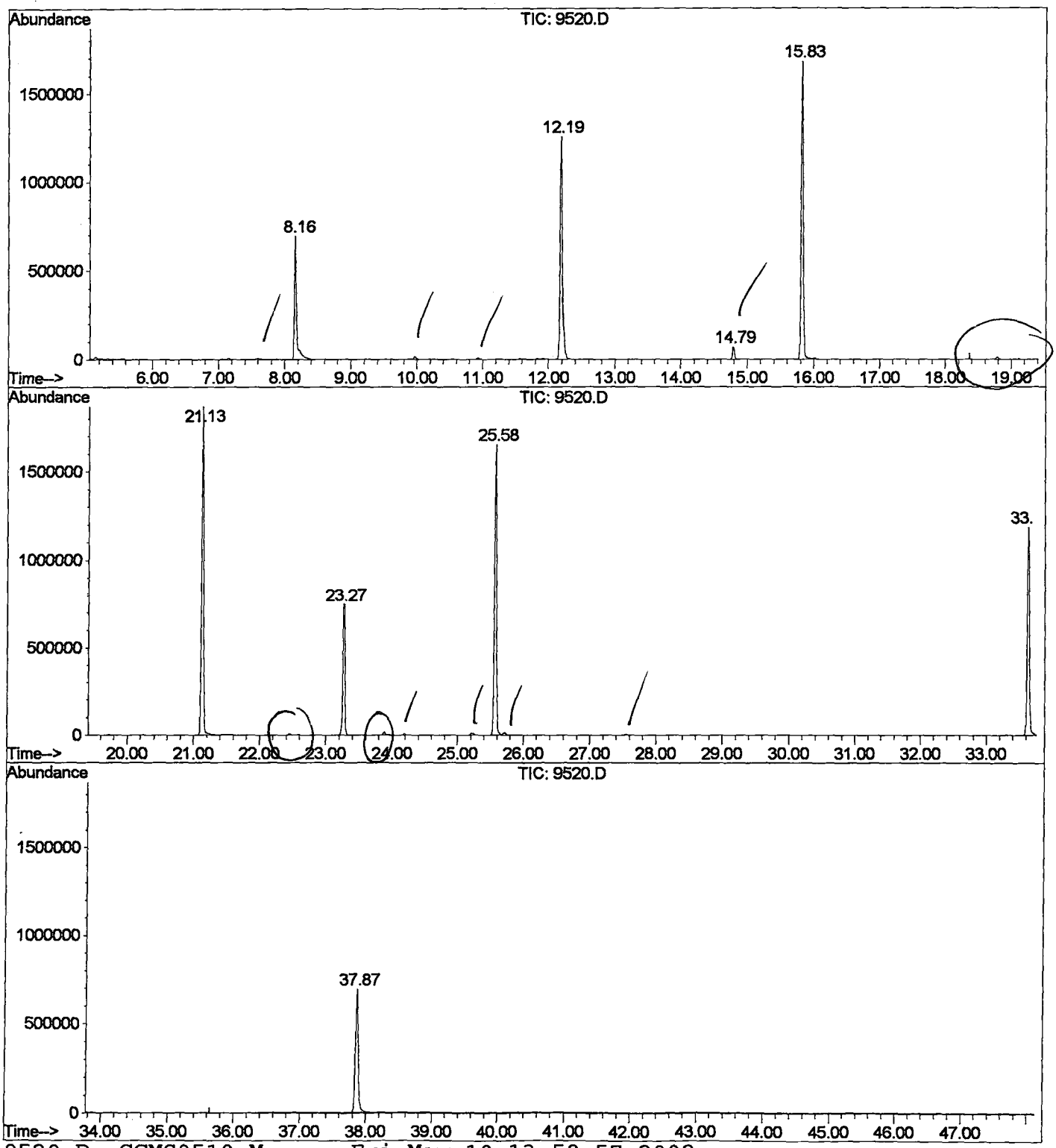
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.159	336	340	371	rVB	692364	1562490	39.73%	7.115%
2	12.191	771	780	799	rBV	1253147	2800495	71.22%	12.752%
3	14.794	1059	1064	1069	rVB	69085	131904	3.35%	0.601%
4	15.829	1170	1177	1194	rBV	1677502	3507832	89.21%	15.973%
5	21.135	1749	1756	1776	rBV	1867437	3932315	100.00%	17.906%
6	23.270	1981	1989	1997	rBV	747886	1610050	40.94%	7.332%
7	25.579	2233	2241	2252	rBV2	1651137	3683898	93.68%	16.775%
8	33.634	3113	3120	3138	rBV2	1183568	2689773	68.40%	12.248%
9	37.868	3573	3582	3606	rBV	690399	2041884	51.93%	9.298%

Sum of corrected areas: 21960641

9520.D GCMS0510.M Fri May 10 13:58:56 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0902\9520.D
Operator :
Acquired : 9 May 2002 9:13 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/8
Misc Info :
Vial Number: 8
Quant File :GCMS0510.RES (RTE Integrator)



9520.D GCMS0510.M Fri May 10 13:58:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0902\9520.D Vial: 8
Acq On : 9 May 2002 9:13 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

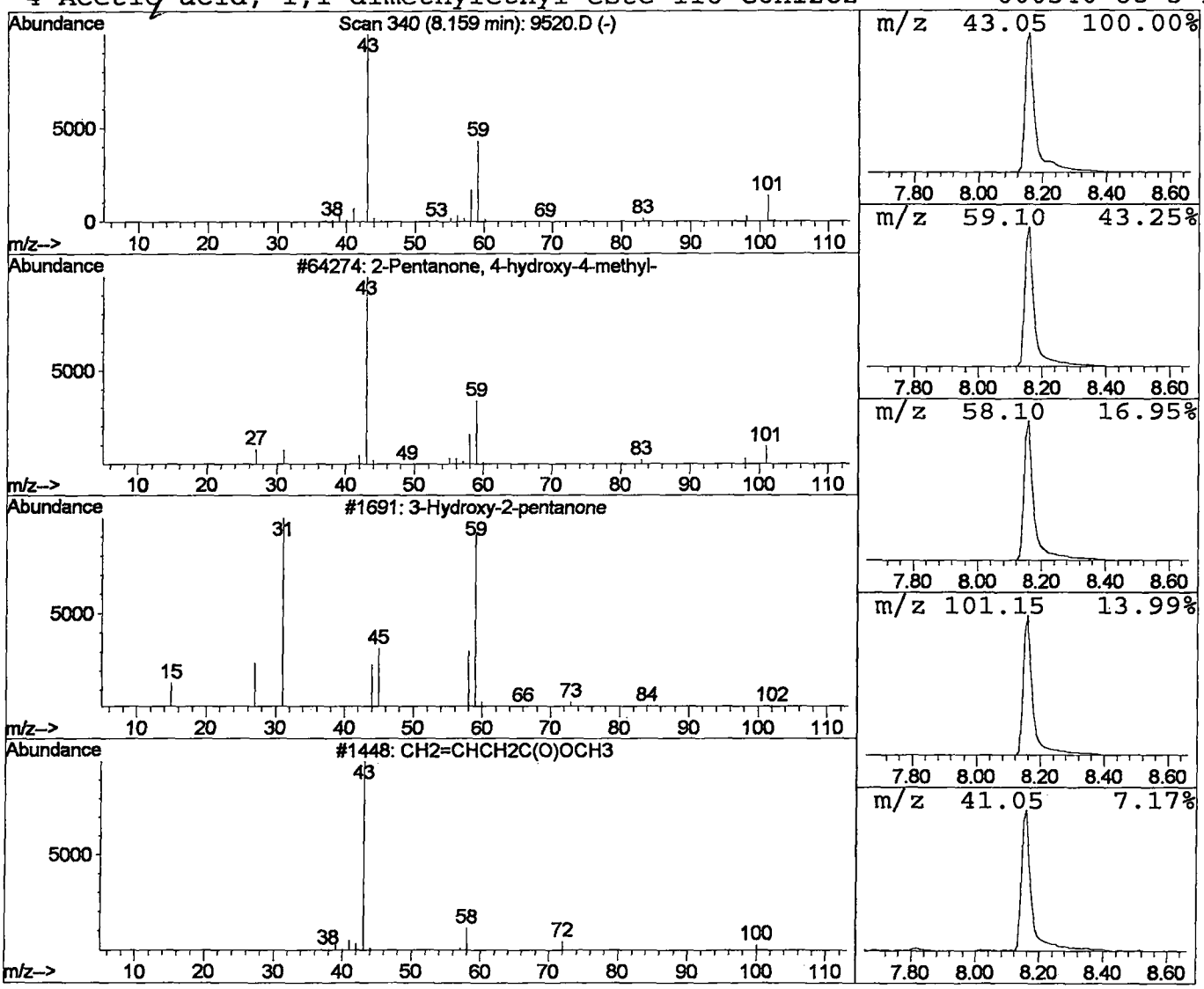
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	22.32 ug/l	1562490	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	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0902\9520.D Vial: 8
Acq On : 9 May 2002 9:13 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

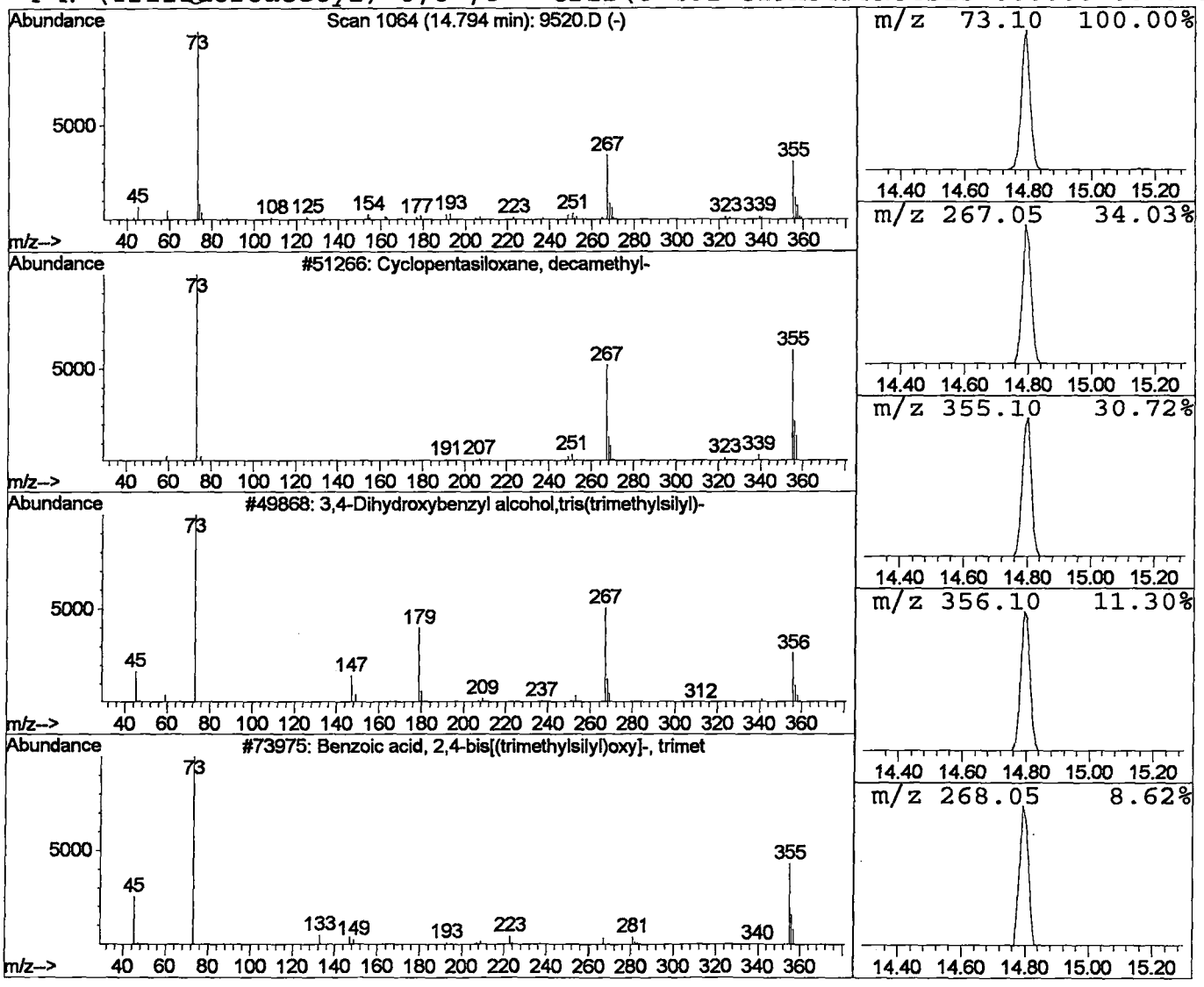
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	1.50 ug/l	131904	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 9 May 2002 9:13 pm
Data File: C:\HPCHEM\1\DATA\MAY0902\9520.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	1562490	ISTD01	12.19	2800500	40.0
Cyclopentasiloxane,	14.79	1.5	ug/l	131904	ISTD02	15.83	3507830	40.0

9520.D GCMS0510.M Fri May 10 13:58:59 2002