User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:41:36

Sample: AE12168
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 11:41 Ended: 6/3/02 11:41 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		10.0

Comments for Sample AE12168 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 11:42:02

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\MAY2902\12168.D Vial: 10
Acq On : 29 May 2002 8:12 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:25 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	569236	40.00	ug/l	-0.07
10) Naphthalene-d8	15.70	136	2288760	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1084495m	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.43	188	1683378m	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	939451	40.00	ug/l	-0.14
44) Perylene-d12	37.66	264	587546	40.00	ug/l	-0.15
System Monitoring Compounds						
28) TCMX	23.13	209	231895m	30.97	ug/L	-0.10
Spiked Amount 40.000			Recovery = 77.43%			
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	15.76	128	392	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	22.49	149	611	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1263	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.	d	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.	d	

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

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Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
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Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

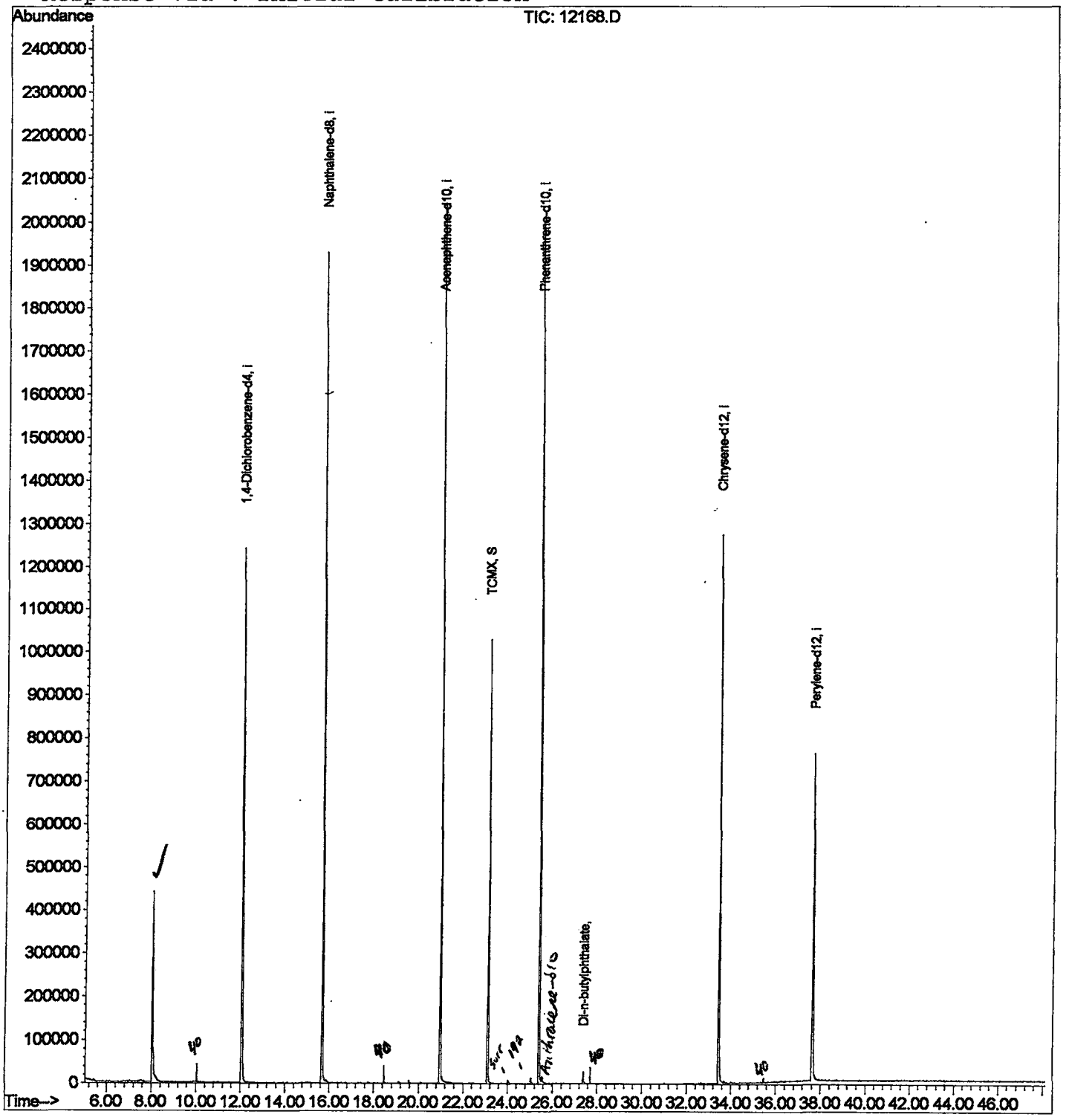
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	0.00	178	0	N.D. d	
36) Di-n-butylphthalate	27.41	149	34078	0.62 ug/l	#
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.48	228	2685	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	1589	N.D.	
43) Chrysene	33.55	228	621	N.D.	
45) Di-n-Octylphthalate	35.45	149	487	N.D.	
46) Benzo(b)fluoranthene	36.52	252	839	N.D.	
47) Benzo(k)fluoranthene	36.59	252	1008	N.D.	
48) Benzo(a)pyrene	37.46	252	552	N.D.	
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50) Dibenz(a,h)anthracene	41.70	278	275	N.D.	
51) Benzo(g,h,i)perylene	42.81	276	406	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12168.D Vial: 10
Acq On : 29 May 2002 8:12 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:25 2002 Quant Results File: GCMS0528.RES

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12168.D Vial: 10
Acq On : 29 May 2002 8:12 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0528.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

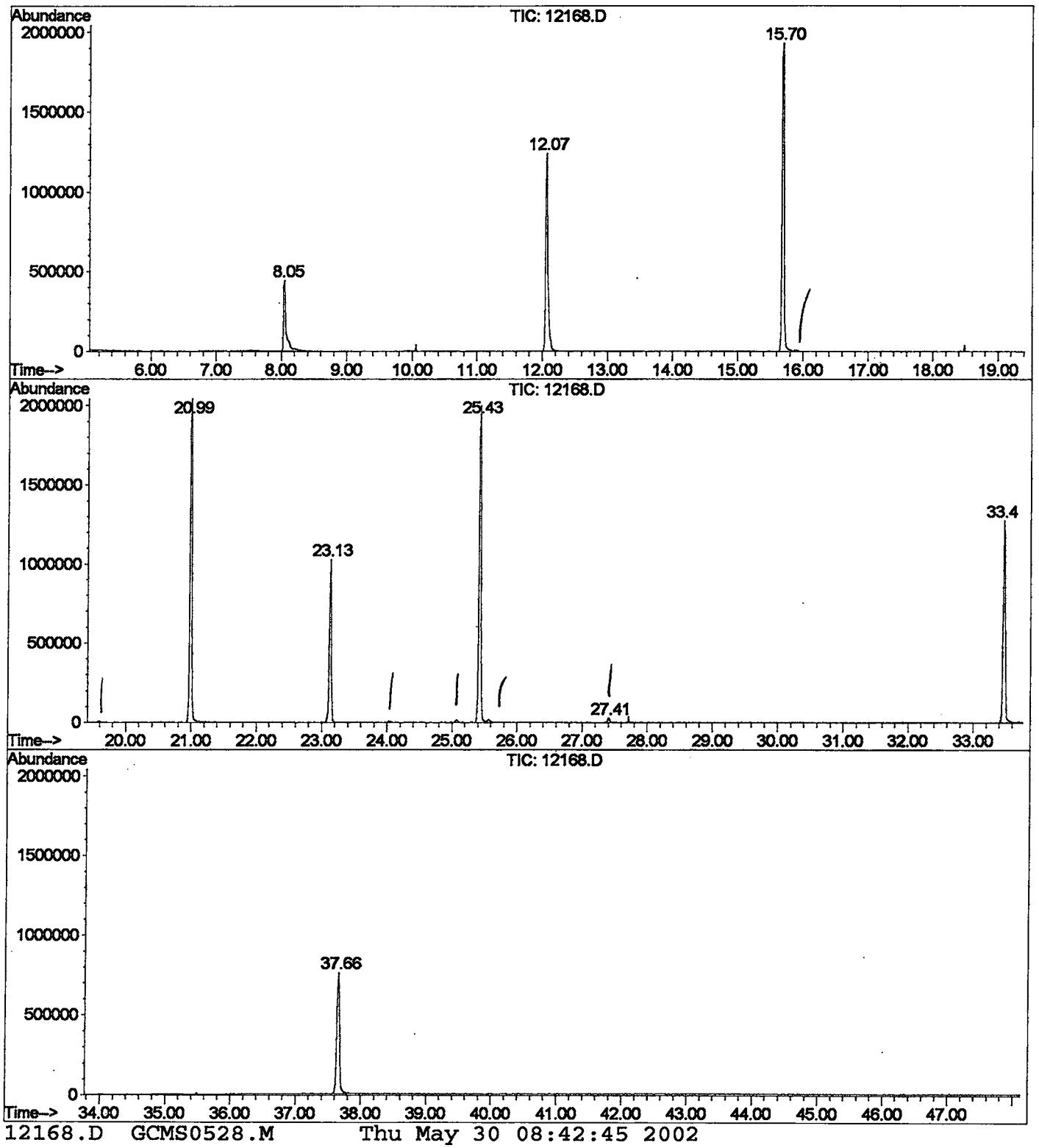
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.050	323	327	350	rBV	439895	1182196	27.33%	4.839%
2	12.071	759	765	788	rBV	1242089	3127743	72.30%	12.803%
3	15.697	1153	1160	1177	rBV	1928855	4228050	97.73%	17.307%
4	20.994	1730	1737	1756	rBV	2043491	4326257	100.00%	17.709%
5	23.133	1960	1970	1981	rBV	1028819	2114426	48.87%	8.655%
6	25.428	2213	2220	2231	rBV	1995525	4279947	98.93%	17.519%
7	27.411	2431	2436	2441	rBV	27675	54053	1.25%	0.221%
8	33.470	3089	3096	3110	rBV2	1273096	2941223	67.99%	12.039%
9	37.656	3544	3552	3567	rBV2	756241	2175999	50.30%	8.907%

Sum of corrected areas: 24429894

12168.D GCMS0528.M Thu May 30 08:42:44 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12168.D
Operator : Morgan
Acquired : 29 May 2002 8:12 pm using AcqMethod GCMS0528
Instrument : 209
Sample Name: gc/ms scan 5/23
Misc Info :
Vial Number: 10
Quant File :GCMS0528.RES (RTE Integrator)



12168.D GCMS0528.M Thu May 30 08:42:45 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12168.D
Acq On : 29 May 2002 8:12 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: Morgan
Inst : 209
Multiplr: 1.00

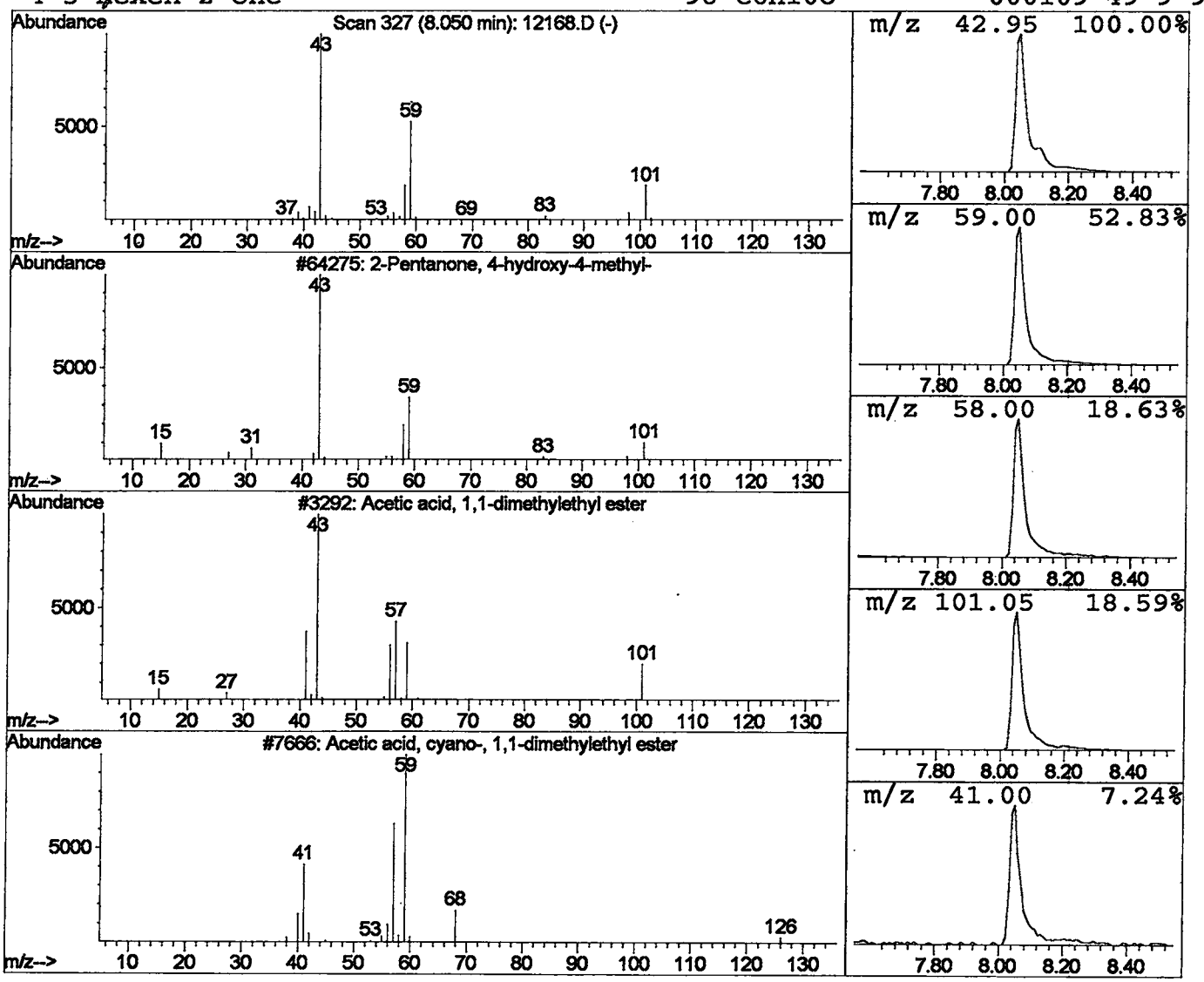
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	15.12 ug/l	1182200	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 29 May 2002 8:12 pm
Data File: C:\HPCHEM\1\DATA\MAY2902\12168.D
Name: gc/ms scan 5/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0528.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~~	8.05	15.1	ug/l	1182200	ISTD01	12.07	3127740	40.0

12168.D GCMS0528.M Thu May 30 08:42:46 2002