User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:40:14

Sample: AE12166
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 11:39 Ended: 6/3/02 11:39 Analyst: DLV
Page: 1

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

Comments for Sample AE12166 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 11:40:40

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\12166.D Vial: 9
Acq On : 29 May 2002 7:13 pm Operator: Morgan
Sample : gc/ms scan 5/23 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:22 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	535124	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2124290	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1007617	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.42	188	1553745	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	905708	40.00	ug/l	-0.13
44) Perylene-d12	37.65	264	571024	40.00	ug/l	-0.15
System Monitoring Compounds						
28) TCMX	23.14	209	221524	31.84	ug/L	-0.10
Spiked Amount 40.000			Recovery = 79.60%			
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	12.07	146	329	N.D.		
5) 1,4-Dichlorobenzene	12.07	146	329	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	15.75	128	182	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.32	165	100	N.D.		
25) Diethylphthalate	22.49	149	657	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1408	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	640	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.43	178	497	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 : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.43	178	497	N.D.	
36)	Di-n-butylphthalate	27.42	149	29913	0.59 ug/l	99
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	33.47	228	2254	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	1562	N.D.	
43)	Chrysene	33.55	228	108	N.D.	
45)	Di-n-Octylphthalate	35.48	149	273	N.D.	
46)	Benzo(b)fluoranthene	36.52	252	922	N.D.	
47)	Benzo(k)fluoranthene	36.58	252	762	N.D.	
48)	Benzo(a)pyrene	37.47	252	354	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	42.82	276	104	N.D.	

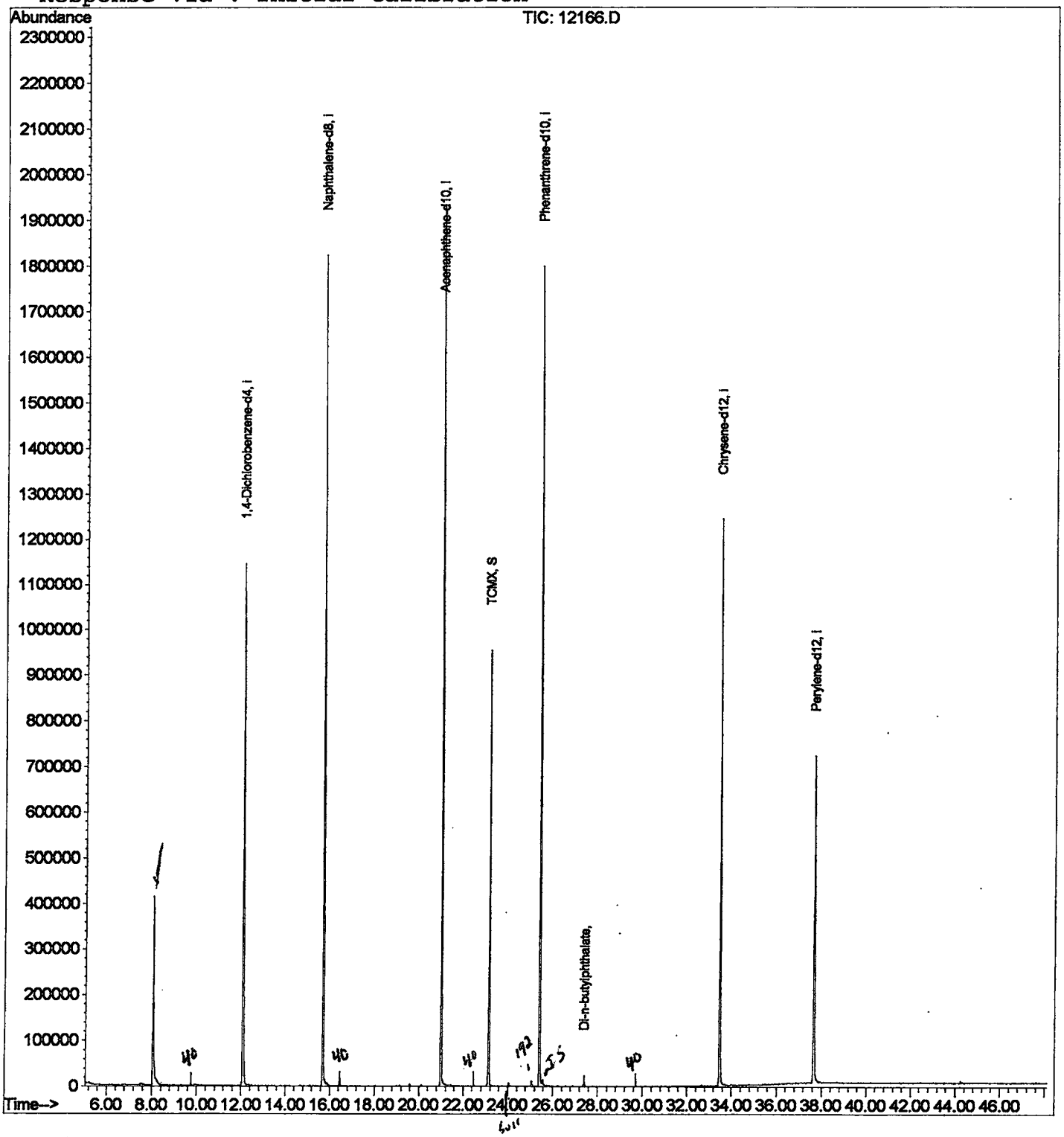
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12166.D
Acq On : 29 May 2002 7:13 pm
Sample : gc/ms scan 5/23 fb
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 8:22 2002

Vial: 9
Operator: Morgan
Inst : 209
Multiplr: 1.00
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\12166.D Vial: 9
Acq On : 29 May 2002 7:13 pm Operator: Morgan
Sample : gc/ms scan 5/23 fb 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

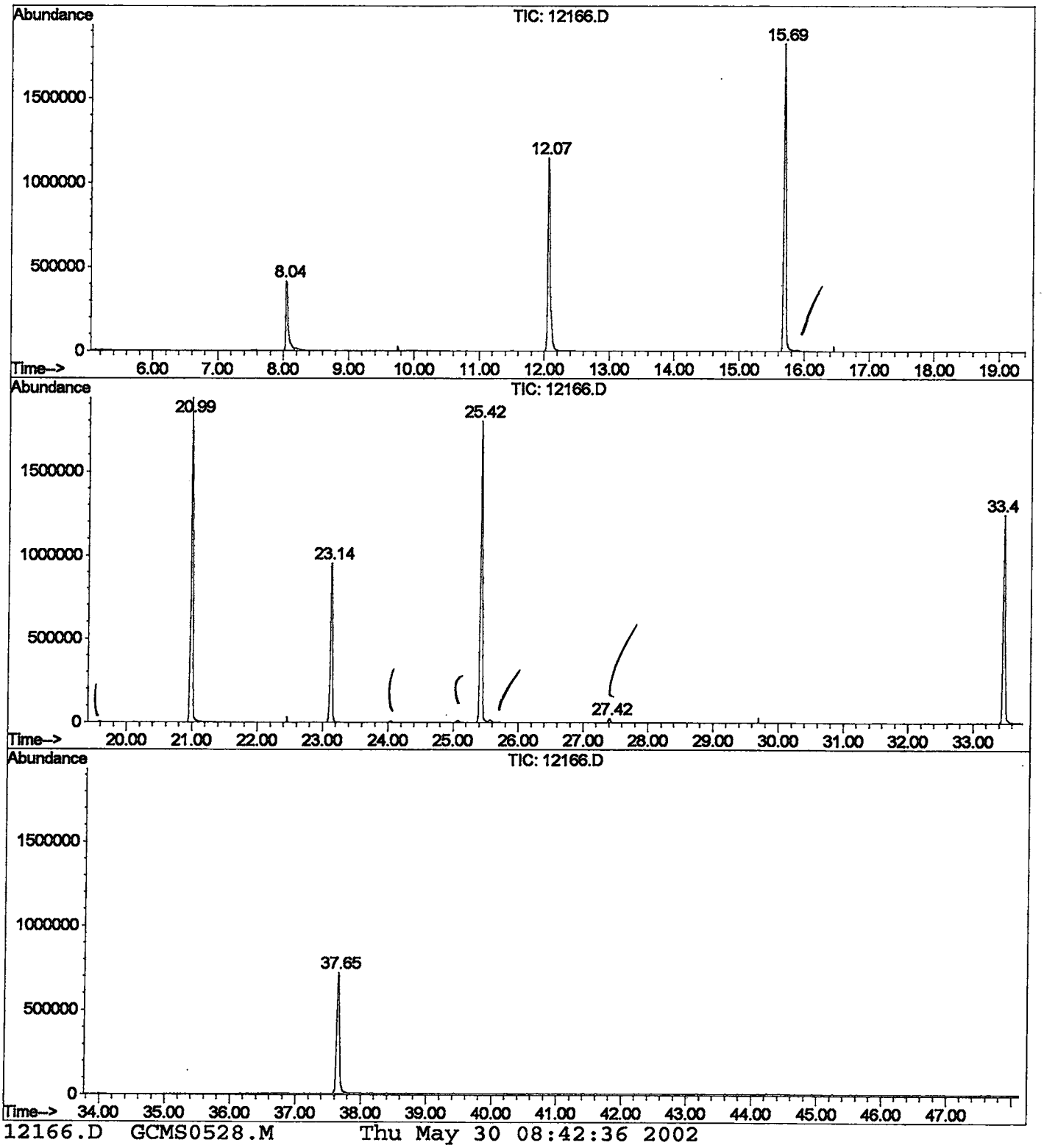
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.045	324	327	340	rBV	412662	1013128	25.30%	4.426%
2	12.066	760	765	784	rBV	1145317	2891865	72.21%	12.634%
3	15.692	1154	1160	1177	rBV	1822968	3917239	97.81%	17.113%
4	20.989	1731	1737	1753	rBV	1934143	4004860	100.00%	17.496%
5	23.137	1962	1971	1979	rBV	954224	2060032	51.44%	9.000%
6	25.423	2212	2220	2232	rBV2	1798883	3984442	99.49%	17.407%
7	27.415	2432	2437	2444	rBV	23971	48946	1.22%	0.214%
8	33.474	3090	3097	3109	rBV2	1243216	2839857	70.91%	12.407%
9	37.651	3544	3552	3573	rBV2	713674	2129456	53.17%	9.303%

Sum of corrected areas: 22889825

12166.D GCMS0528.M Thu May 30 08:42:35 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12166.D
Operator : Morgan
Acquired : 29 May 2002 7:13 pm using AcqMethod GCMS0528
Instrument : 209
Sample Name: gc/ms scan 5/23 fb
Misc Info :
Vial Number: 9
Quant File :GCMS0528.RES (RTE Integrator)



12166.D GCMS0528.M Thu May 30 08:42:36 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12166.D
Acq On : 29 May 2002 7:13 pm
Sample : gc/ms scan 5/23 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: Morgan
Inst : 209
Multiplr: 1.00

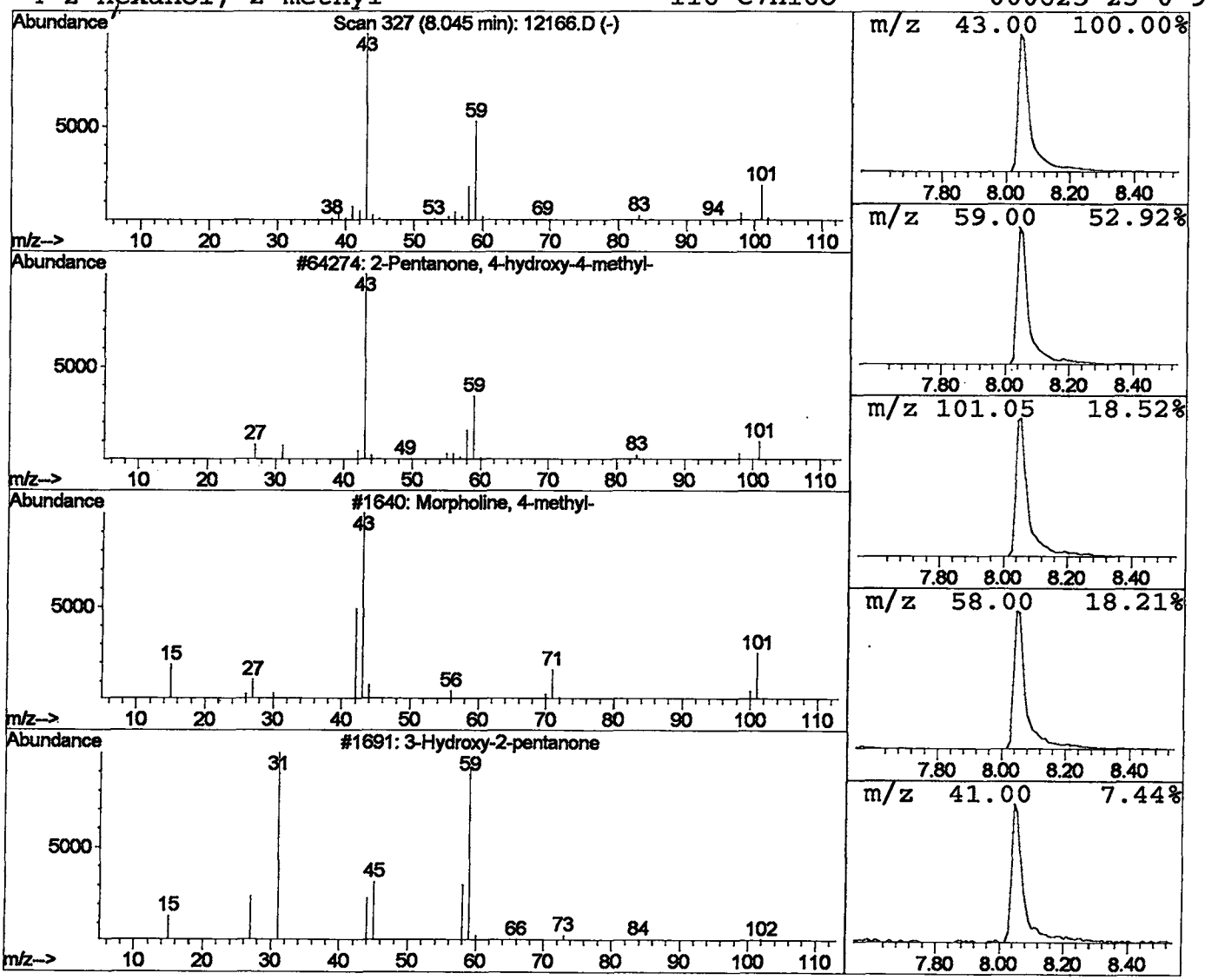
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	14.01 ug/l	1013130	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	45
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 29 May 2002 7:13 pm
Data File: C:\HPCHEM\1\DATA\MAY2902\12166.D
Name: gc/ms scan 5/23 fb
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~~	8.04	14.0	ug/l	1013130	ISTD01	12.07	2891870	40.0

12166.D GCMS0528.M Thu May 30 08:42:37 2002