User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:46:52

Sample: AE12223
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 11:46 Ended: 6/3/02 11:46 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE12223 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 11:47:22

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\12223.D Vial: 13
Acq On : 29 May 2002 11:08 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:28 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	535529	40.00	ug/l	-0.07
10) Naphthalene-d8	15.70	136	2151519	40.00	ug/l	-0.09
17) Acenaphthene-d10	21.00	164	1031236	40.00	ug/l	-0.09
30) Phenanthrene-d10	25.43	188	1550181	40.00	ug/l	-0.10
38) Chrysene-d12	33.47	240	889074	40.00	ug/l	-0.14
44) Perylene-d12	37.66	264	564588	40.00	ug/l	-0.15
System Monitoring Compounds						
28) TCMX	23.13	209	217275	30.52	ug/L	-0.10
Spiked Amount 40.000			Recovery = 76.30%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.34	74	207	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.05	146	521	N.D.		
5) 1,4-Dichlorobenzene	12.05	146	521	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	13.31	77	170	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	614	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	20.35	163	215	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.48	149	1543	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1552	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	692	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.49	178	1245	N.D.		

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

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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

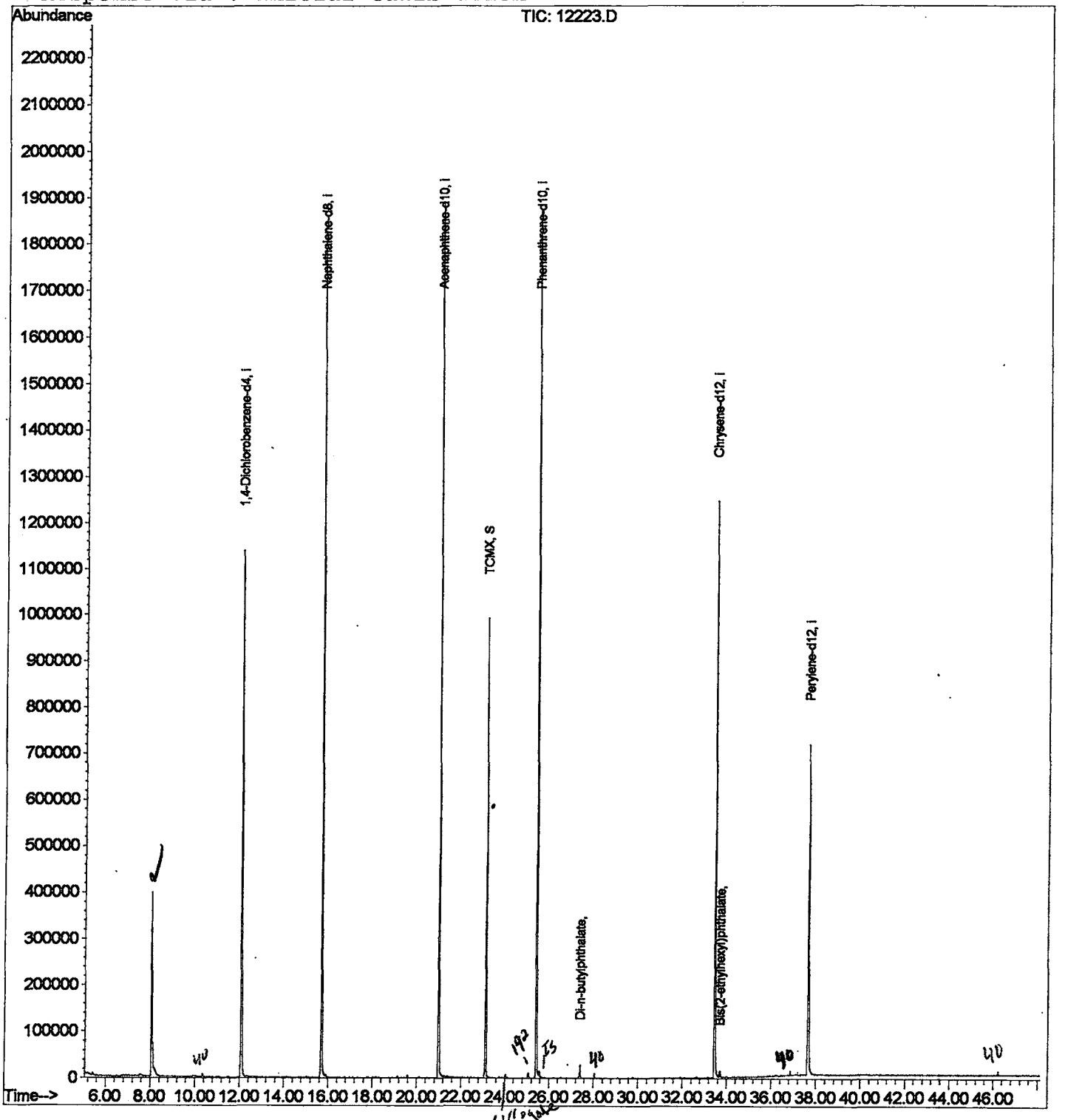
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.63	178	293	N.D.	
36) Di-n-butylphthalate	27.41	149	33782	0.66 ug/l	100
37) Fluoranthene	29.11	202	2017	N.D.	
39) Pyrene	29.79	202	2019	N.D.	
40) Butylbenzylphthalate	31.93	149	712	N.D.	
41) Benzo(a)anthracene	33.47	228	2091	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	7823	0.36 ug/l	99
43) Chrysene	33.54	228	286	N.D.	
45) Di-n-Octylphthalate	35.47	149	263	N.D.	
46) Benzo(b)fluoranthene	36.52	252	213	N.D.	
47) Benzo(k)fluoranthene	36.57	252	243	N.D.	
48) Benzo(a)pyrene	37.48	252	212	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\MAY2902\12223.D Vial: 13
Acq On : 29 May 2002 11:08 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:28 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\12223.D Vial: 13
Acq On : 29 May 2002 11:08 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

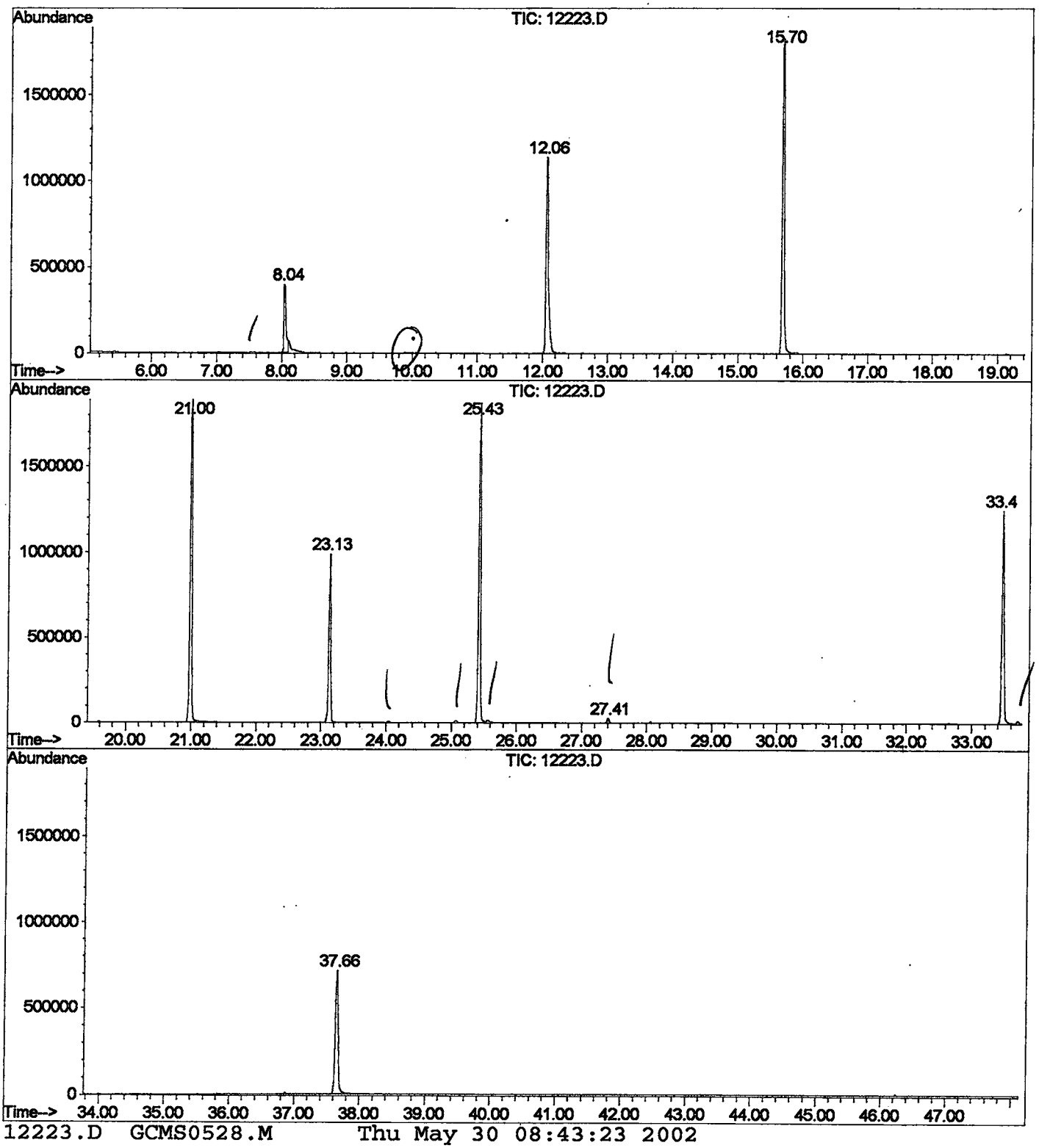
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.042	323	326	332	rBV	396228	895296	22.09%	3.933%
2	12.063	759	764	781	rBV	1137367	2920712	72.08%	12.832%
3	15.698	1153	1160	1177	rBV	1825764	3988623	98.43%	17.523%
4	20.995	1730	1737	1747	rBV	1889999	4052062	100.00%	17.802%
5	23.134	1960	1970	1976	rBV	991730	2029340	50.08%	8.915%
6	25.429	2213	2220	2231	rBV	1870216	3942338	97.29%	17.320%
7	27.412	2431	2436	2442	rVB	28491	55868	1.38%	0.245%
8	33.471	3089	3096	3111	rBV2	1244109	2786011	68.76%	12.240%
9	37.657	3543	3552	3571	rBV2	709947	2091705	51.62%	9.189%

Sum of corrected areas: 22761955

12223.D GCMS0528.M Thu May 30 08:43:22 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12223.D
Operator : Morgan
Acquired : 29 May 2002 11:08 pm using AcqMethod GCMS0528
Instrument : 209
Sample Name: gc/ms scan 5/23
Misc Info :
Vial Number: 13
Quant File :GCMS0528.RES (RTE Integrator)



12223.D GCMS0528.M Thu May 30 08:43:23 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12223.D
Acq On : 29 May 2002 11:08 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: Morgan
Inst : 209
Multiplr: 1.00

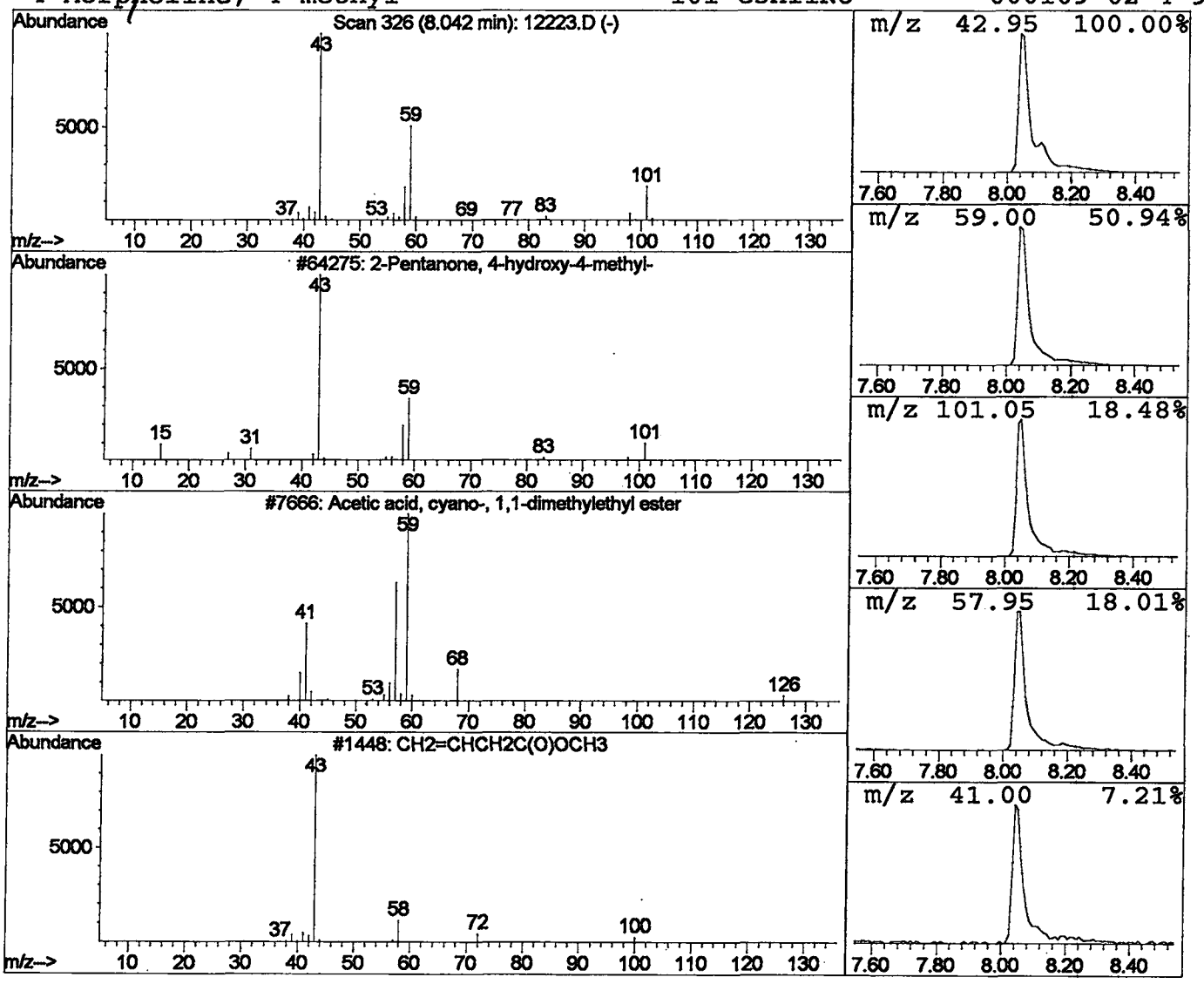
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	12.26 ug/l	895296	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	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	23
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 29 May 2002 11:08 pm
Data File: C:\HPCHEM\1\DATA\MAY2902\12223.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~~	8.04	12.3	ug/l	895296	ISTD01	12.07	2920710	40.0

12223.D GCMS0528.M Thu May 30 08:43:24 2002