

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 11:04:52

Sample: AE12284

Analysis: \$GCMS GCMS Scan For Unknowns

Units: ug

Started: 6/3/02 11:04 Ended: 6/3/02 11:04 Analyst: DLV

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	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		10.0

Comments for Sample AE12284 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-03-2002 Time: 11:07:02

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\12284.D
 Acq On : 30 May 2002 9:55 am
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 30 11:09 2002

Vial: 24
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

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	575207	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2291786	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1104666	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.42	188	1722572	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	1045639	40.00	ug/l	-0.13
44) Perylene-d12	37.65	264	677880	40.00	ug/l	-0.15

System Monitoring Compounds

28) TCMX	23.13	209	220168	28.87	ug/L	-0.11
Spiked Amount	40.000		Recovery	=	72.18%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	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	12.06	146	377	N.D.		
5) 1,4-Dichlorobenzene	12.06	146	377	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	13.89	77	102	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	0.00	128	0	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	21.30	165	195	N.D.		
25) Diethylphthalate	22.48	149	1223	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1454	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	687	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.41	178	840	N.D.		

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\12284.D
Acq On : 30 May 2002 9:55 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 11:09 2002

Vial: 24
Operator: Morgan
Inst : 209
Multiplr: 1.00

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

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.41	178	840	N.D.	
36) Di-n-butylphthalate	27.41	149	51877	0.92 ug/l	97
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.93	149	674	N.D.	
41) Benzo(a)anthracene	33.47	228	2396	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.70	149	3655	N.D.	
43) Chrysene	33.47	228	2396	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	37.66	252	2666	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

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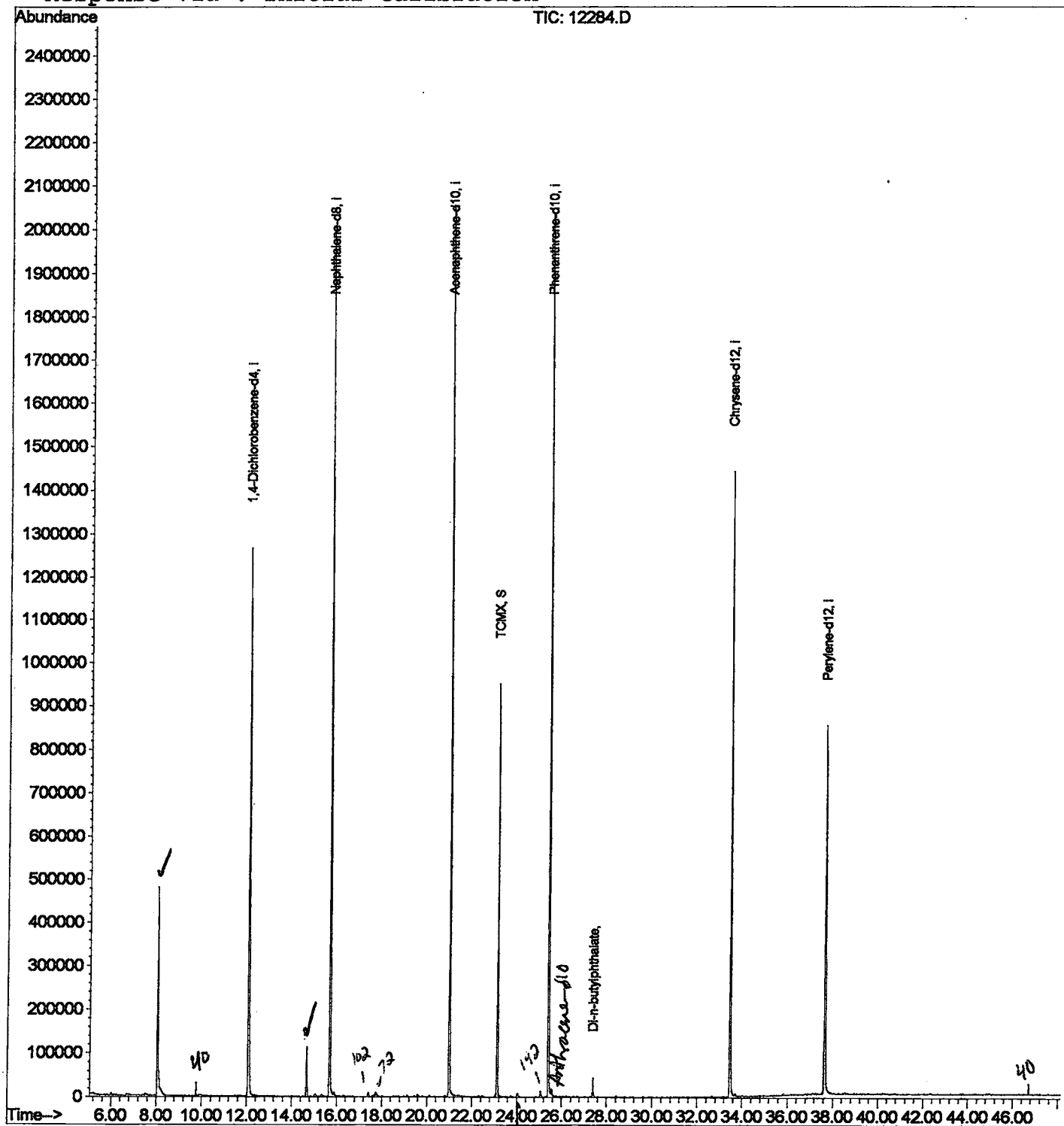
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12284.D
Acq On : 30 May 2002 9:55 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 11:09 2002

Vial: 24
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



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LSC Area Percent Report

.. Data File : C:\HPCHEM\1\DATA\MAY2902\12284.D
 Acq On : 30 May 2002 9:55 am
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: LSCINT.P

Vial: 24
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

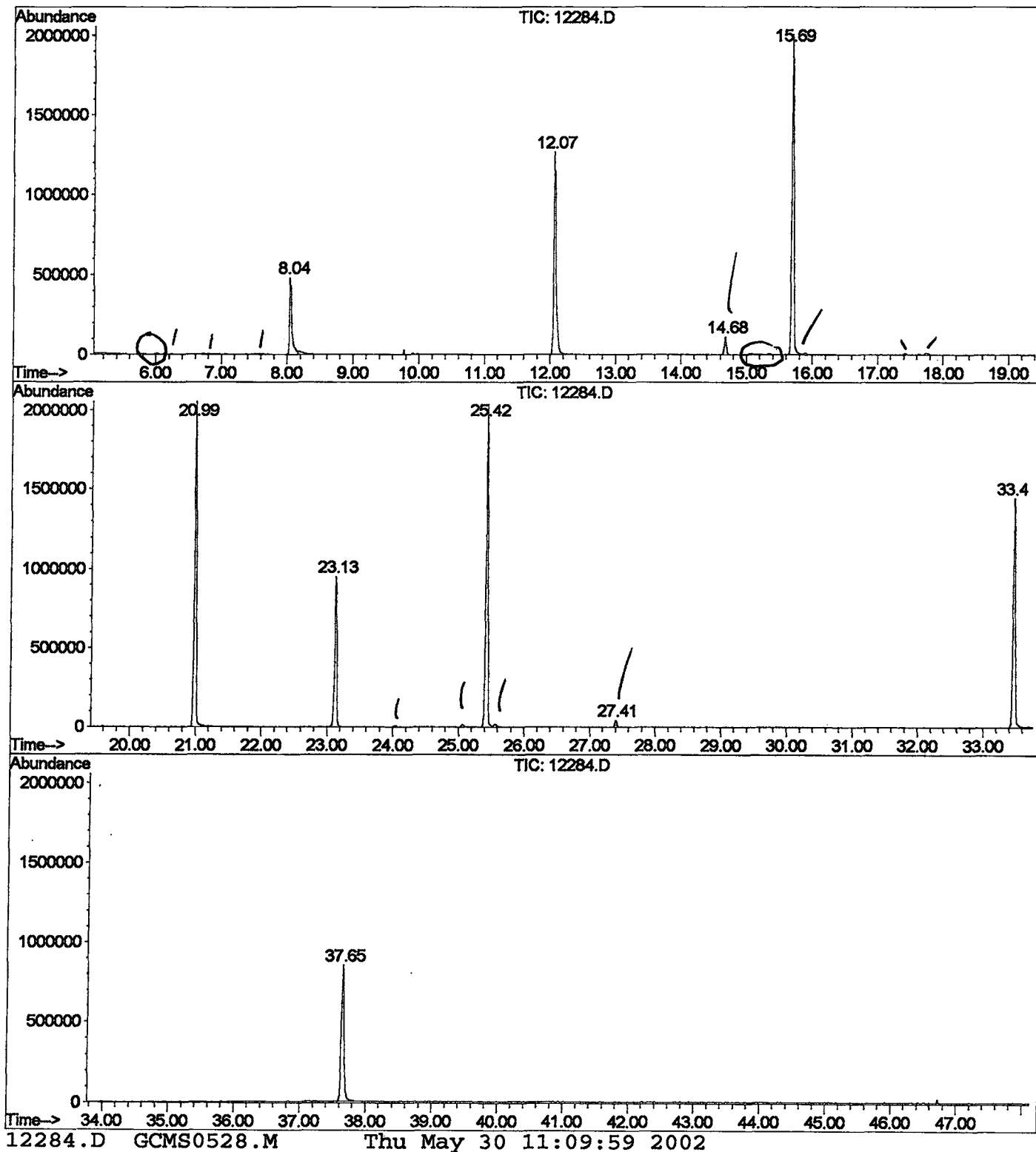
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.044	323	327	340	rBV	480116	1126109	25.70%	4.452%
2	12.065	760	765	784	rBV	1265168	3101313	70.79%	12.260%
3	14.682	1044	1050	1057	rVB	113379	237637	5.42%	0.939%
4	15.692	1154	1160	1179	rBV	2004039	4211190	96.12%	16.648%
5	20.989	1731	1737	1756	rBV	2054779	4349548	99.28%	17.195%
6	23.128	1961	1970	1979	rBV	951256	2050684	46.81%	8.107%
7	25.423	2213	2220	2231	rBV2	2038534	4381104	100.00%	17.320%
8	27.406	2431	2436	2442	rBV	44146	82978	1.89%	0.328%
9	33.474	3090	3097	3114	rBV2	1441548	3283797	74.95%	12.982%
10	37.651	3544	3552	3572	rBV2	845057	2471021	56.40%	9.769%

Sum of corrected areas: 25295381

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12284.D
 Operator : Morgan
 Acquired : 30 May 2002 9:55 am using AcqMethod GCMS0528
 Instrument : 209
 Sample Name: gc/ms scan 5/23
 Misc Info :
 Vial Number: 24
 Quant File :GCMS0528.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12284.D
Acq On : 30 May 2002 9:55 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

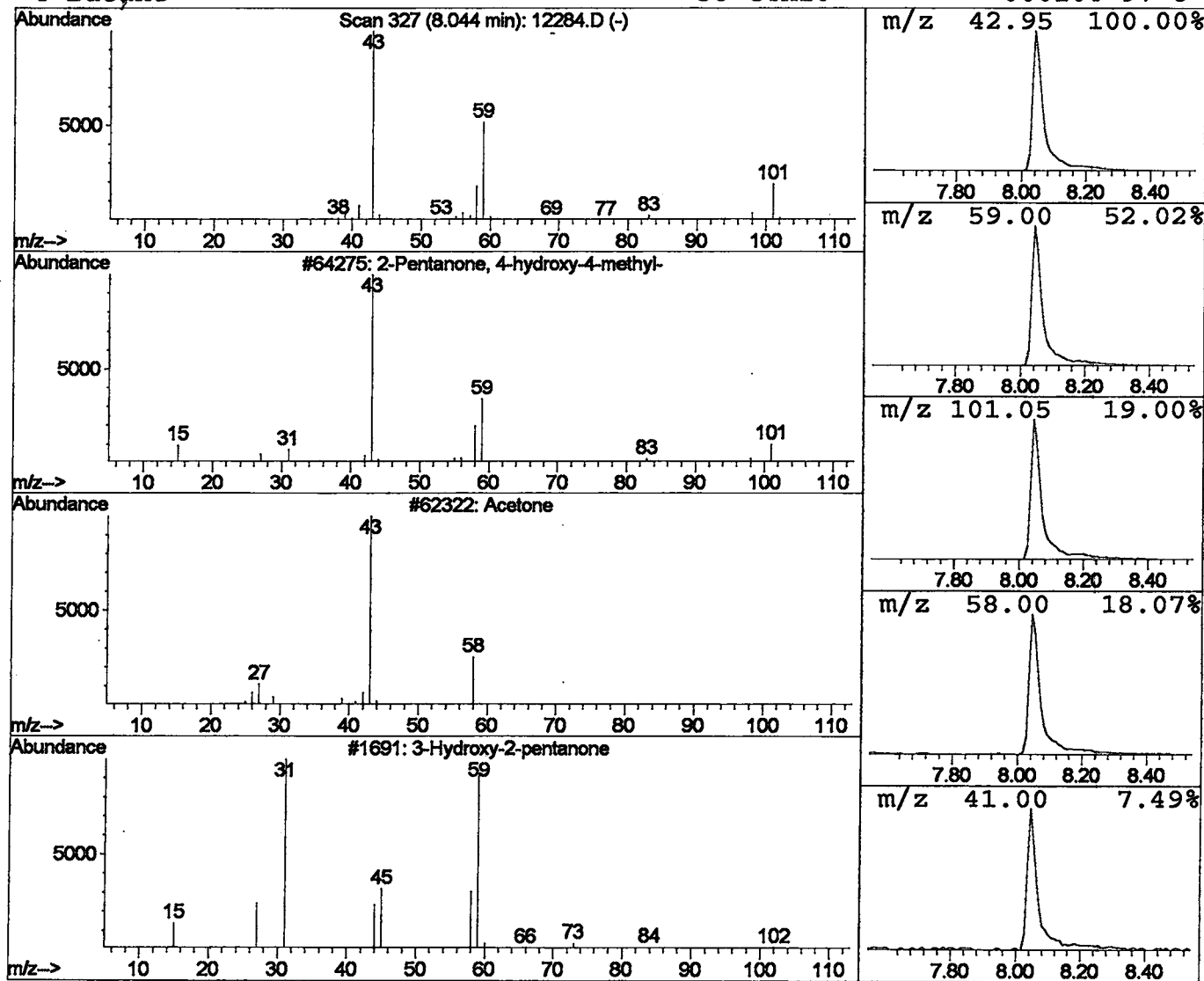
Vial: 24
Operator: Morgan
Inst : 209
Multiplr: 1.00

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	14.52 ug/l	1126110	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	36	
2	Acetone	58	C3H6O	000067-64-1	9	
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9	
4	Butane	58	C4H10	000106-97-8	9	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12284.D
Acq On : 30 May 2002 9:55 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

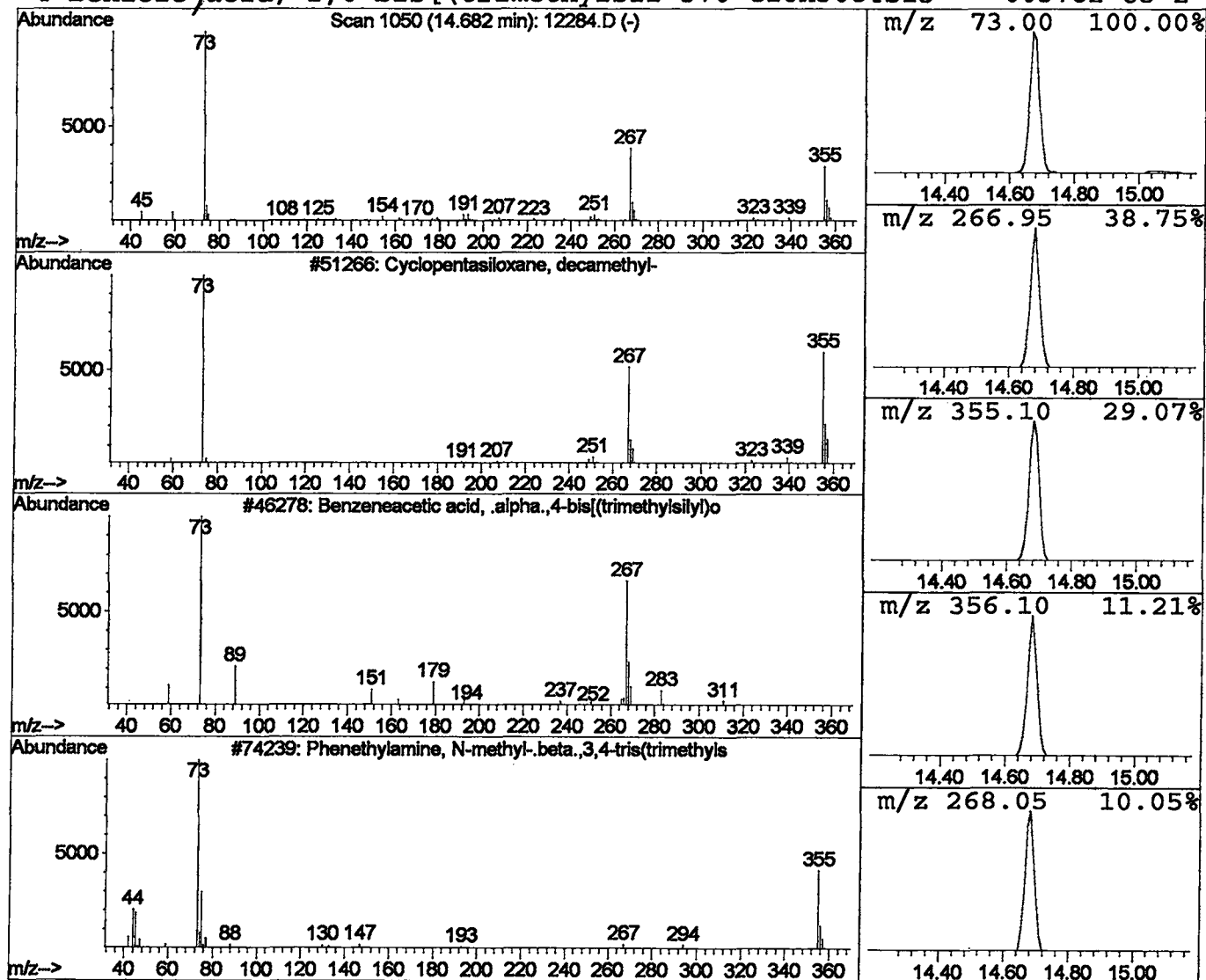
Vial: 24
Operator: Morgan
Inst : 209
Multiplr: 1.00

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

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	2.26 ug/l	237637	Naphthalene-d8	15.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	58
2			Benzeneacetic acid, .alpha.,4-bis[(	326	C15H26O4Si2	055334-40-2	32
3			Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	32
4			Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	32



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 30 May 2002 9:55 am
Data File: C:\HPCHEM\1\DATA\MAY2902\12284.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	14.5 ug/l	1126110	ISTD01	12.07	3101310	40.0
Cyclopentasiloxane,	14.68	2.3 ug/l	237637	ISTD02	15.69	4211190	40.0

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