User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:07:44

Sample: AE12537
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 14:06 Ended: 6/7/02 14:06 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE12537 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 14:08:10

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\JUN0302\12537.D Vial: 18
Acq On : 4 Jun 2002 1:58 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:44 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	447966	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	1813900	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	866571	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.42	188	1344501	40.00	ug/l	-0.01
38) Chrysene-d12	33.47	240	761162	40.00	ug/l	-0.03
44) Perylene-d12	37.65	264	456065	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.14	209	178720	29.81	ug/L	-0.01
Spiked Amount 40.000			Recovery = 74.52%			
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	195	N.D.		
5) 1,4-Dichlorobenzene	12.07	146	195	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	348	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.48	149	692	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1059	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	606	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.50	178	102	N.D.		

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

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DataAcq Meth : GCMS0531

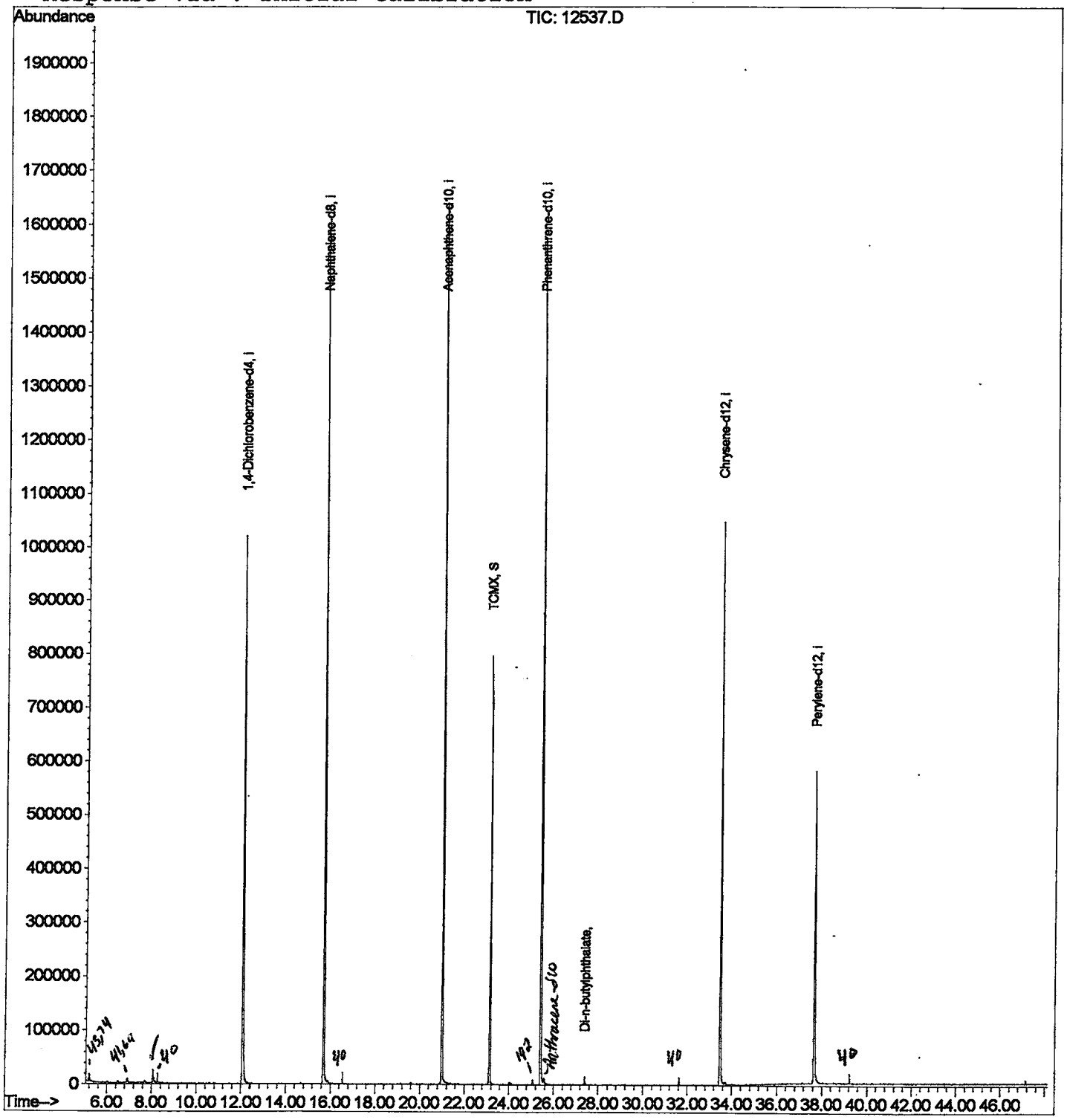
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.50	178	102	N.D.	
36)	Di-n-butylphthalate	27.41	149	17824	0.37 ug/l	98
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.47	228	1908	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.70	149	2847	N.D.	
43)	Chrysene	33.55	228	722	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.54	252	314	N.D.	
47)	Benzo(k)fluoranthene	36.61	252	108	N.D.	
48)	Benzo(a)pyrene	37.65	252	1751	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\JUN0302\12537.D Vial: 18
Acq On : 4 Jun 2002 1:58 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:44 2002 Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12537.D Vial: 18
Acq On : 4 Jun 2002 1:58 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.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

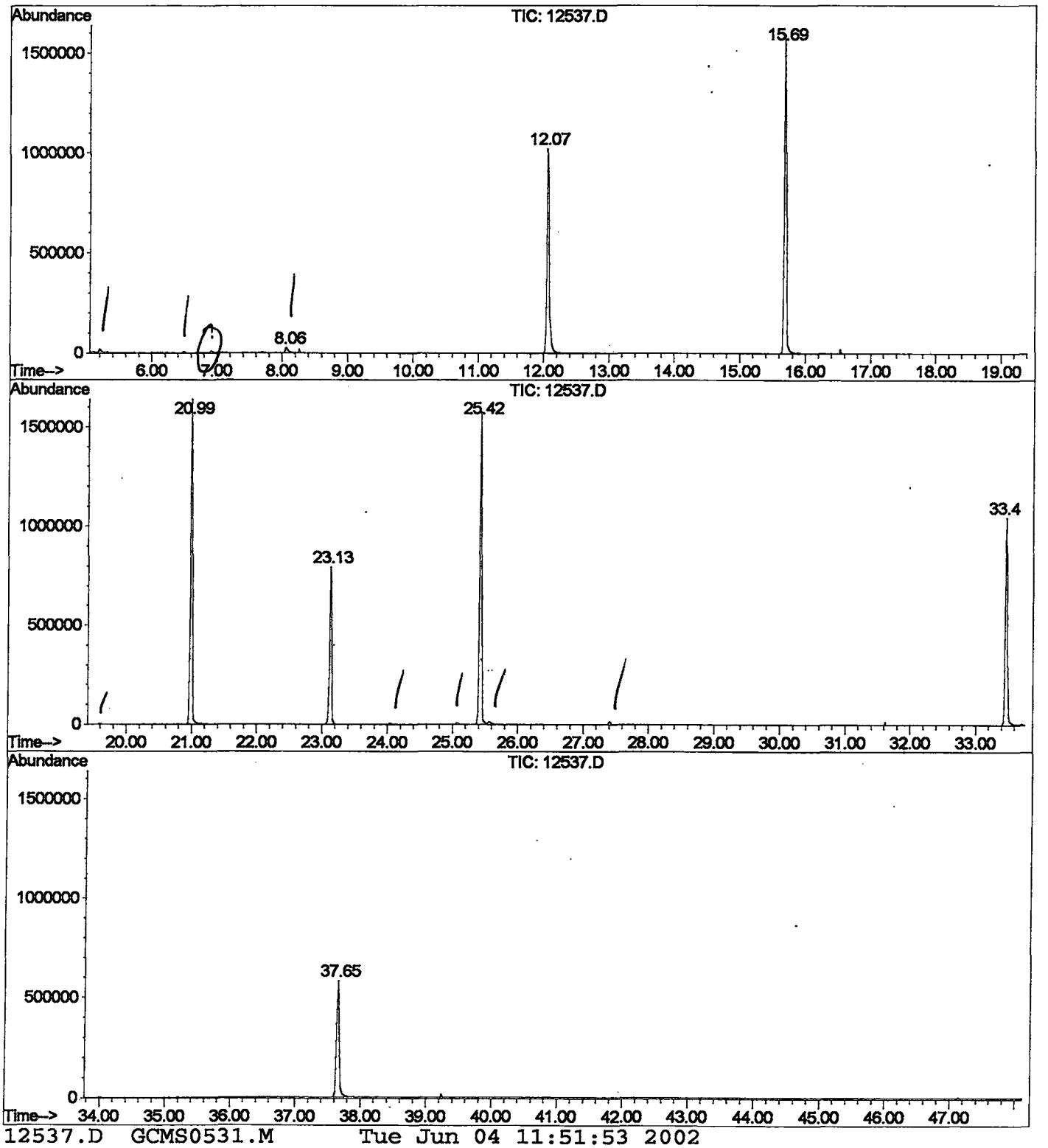
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.063	326	329	339	rBV	24628	64530	1.88%	0.349%
2	12.065	759	765	784	rBV	1021133	2456462	71.46%	13.267%
3	15.691	1154	1160	1179	rBV	1591706	3347468	97.38%	18.079%
4	20.988	1730	1737	1751	rBV	1638877	3421241	99.53%	18.477%
5	23.127	1962	1970	1976	rBV	797601	1682316	48.94%	9.086%
6	25.422	2213	2220	2232	rBV2	1575819	3437467	100.00%	18.565%
7	33.474	3090	3097	3112	rBV2	1047621	2402472	69.89%	12.975%
8	37.651	3544	3552	3572	rBV2	579302	1704184	49.58%	9.204%

Sum of corrected areas: 18516140

12537.D GCMS0531.M Tue Jun 04 11:51:52 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12537.D
Operator :
Acquired : 4 Jun 2002 1:58 am using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/28
Misc Info :
Vial Number: 18
Quant File :GCMS0531.RES (RTE Integrator)



12537.D GCMS0531.M Tue Jun 04 11:51:53 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12537.D Vial: 18
Acq On : 4 Jun 2002 1:58 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

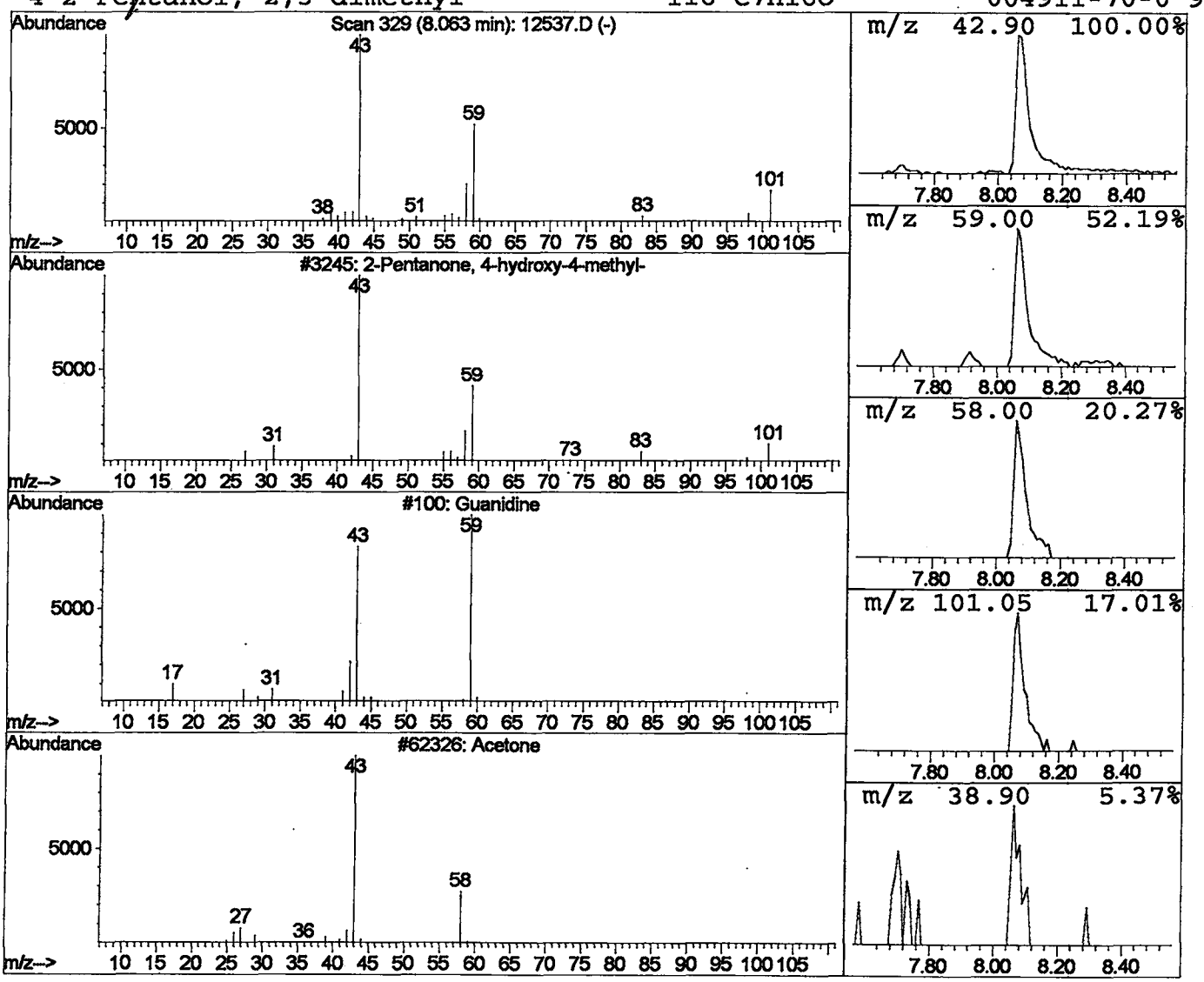
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	1.05 ug/l	64530	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	64
2	Guanidine	59	CH5N3	000113-00-8	9
3	Acetone	58	C3H6O	000067-64-1	9
4	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Jun 2002 1:58 am
Data File: C:\HPCHEM\1\DATA\JUN0302\12537.D
Name: gc/ms scan 5/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0531.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~~	8.06	1.1	ug/l	64530	ISTD01	12.07	2456460	40.0

12537.D GCMS0531.M Tue Jun 04 11:51:54 2002