User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 12:08:28

Sample: AE03435
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/12/02 12:07 Ended: 3/12/02 12:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

Comments for Sample AE03435 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-12-2002 Time: 12:08:31

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries of 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (QA Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\3435.D Vial: 55
Acq On : 23 Feb 2002 10:17 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:37 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	239414	20.00	ug/l	-0.03
10) Naphthalene-d8	15.97	136	912884	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	484147	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	674986	20.00	ug/l	-0.04
38) Chrysene-d12	33.80	240	439053	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	274557	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.82	235	48801	~~6.92~~ 4.02	ug/mL	0.32
Spiked Amount 5.000			Recovery =	~~138.40%~~ 80%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	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-Nitroso-di-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	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	20.62	163	183	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	22.76	149	891	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\3435.D Vial: 55
Acq On : 23 Feb 2002 10:17 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:37 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

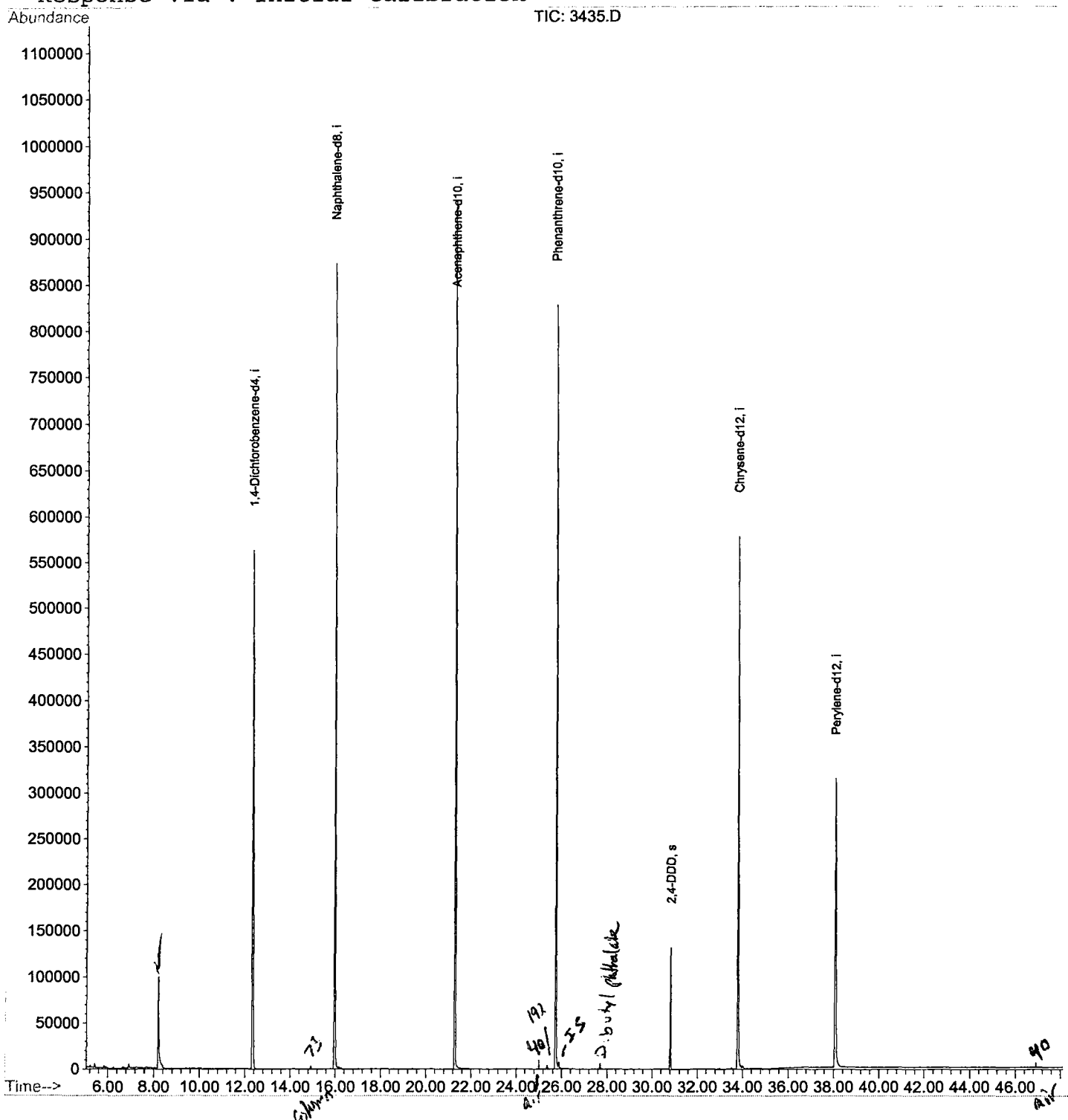
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.79	178	360	N.D.	
34)	Anthracene	25.79	178	360	N.D.	
35)	Di-n-butylphthalate	27.70	149	8439	N.D.	
36)	Fluoranthene	29.43	202	655	N.D.	
39)	Pyrene	30.11	202	452	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.81	228	1017	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.02	149	2876	N.D.	
43)	Chrysene	33.86	228	185	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	38.08	252	1019	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\FEB2102\3435.D Vial: 55
Acq On : 23 Feb 2002 10:17 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:37 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3435.D Vial: 55
Acq On : 23 Feb 2002 10:17 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

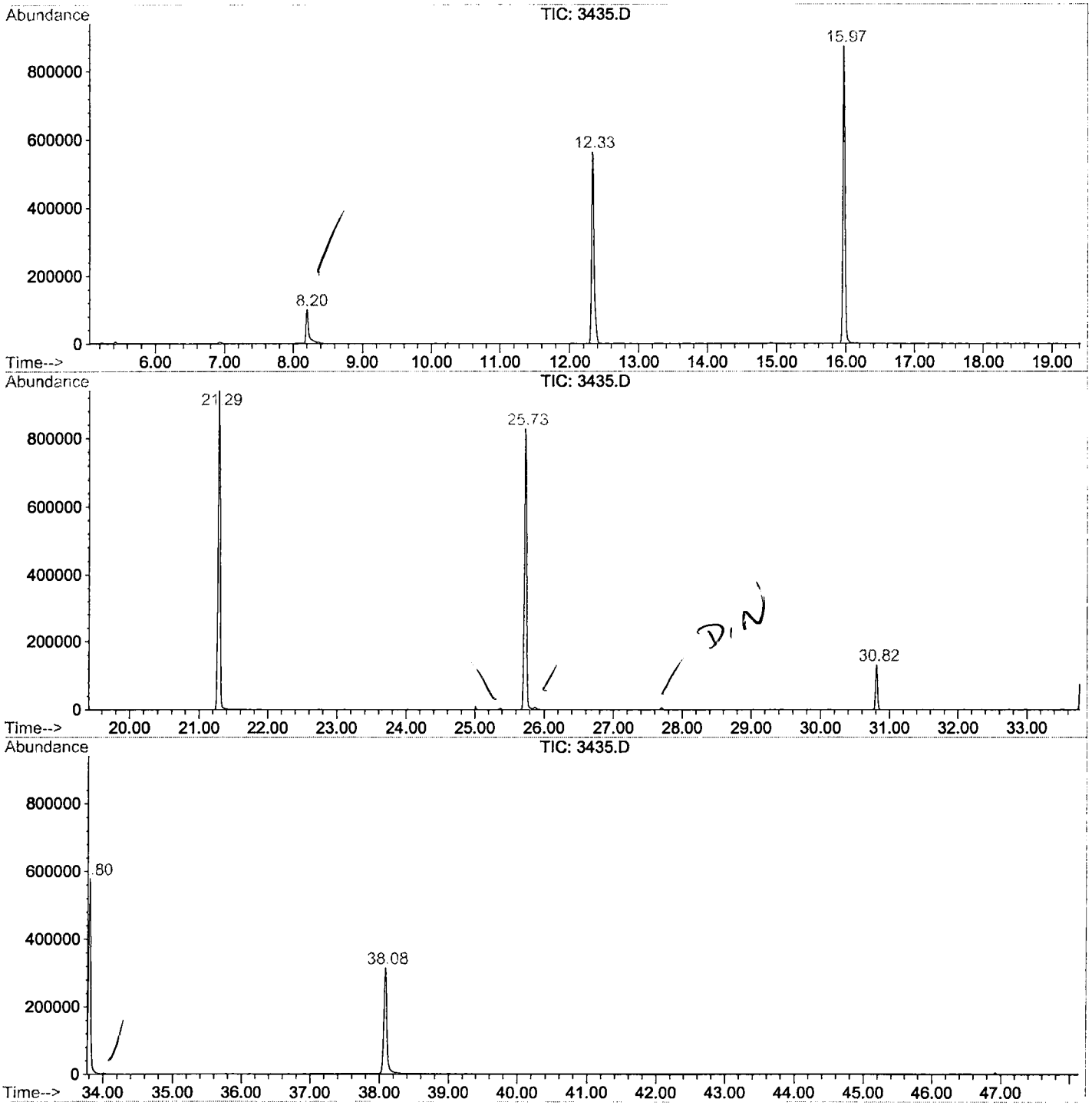
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.204	339	344	359	rBV	99288	266519	13.70%	2.726%
2	12.326	788	793	811	rVB	563111	1390624	71.49%	14.224%
3	15.970	1184	1190	1203	rBV	872877	1795275	92.29%	18.363%
4	21.286	1763	1769	1785	rBV	940970	1945176	100.00%	19.896%
5	25.729	2247	2253	2265	rBV2	827670	1804511	92.77%	18.458%
6	30.815	2802	2807	2814	rVB	131922	263666	13.55%	2.697%
7	33.799	3126	3132	3152	rBV2	577659	1336207	68.69%	13.667%
8	38.077	3590	3598	3615	rBV2	313560	974588	50.10%	9.969%

Sum of corrected areas: 9776566

3435.D GCMS0208.M Fri Mar 08 09:48:31 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\3435.D
Operator :
Acquired : 23 Feb 2002 10:17 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/14
Misc Info :
Vial Number: 55
Quant File :GCMS0208.RES (RTE Integrator)



3435.D GCMS0208.M Fri Mar 08 09:48:37 2002

Library Search Comp...

Data File : C:\HPCHEM\1\DATA\FEB2102\3435.D
Acq On : 23 Feb 2002 10:17 pm
Sample : gc/ms scan 1/14
Misc :
MS Integration Params: LSCINT.P

Vial: 55
Operator:
Inst : GC/MS 209
Multiplr: 1.00

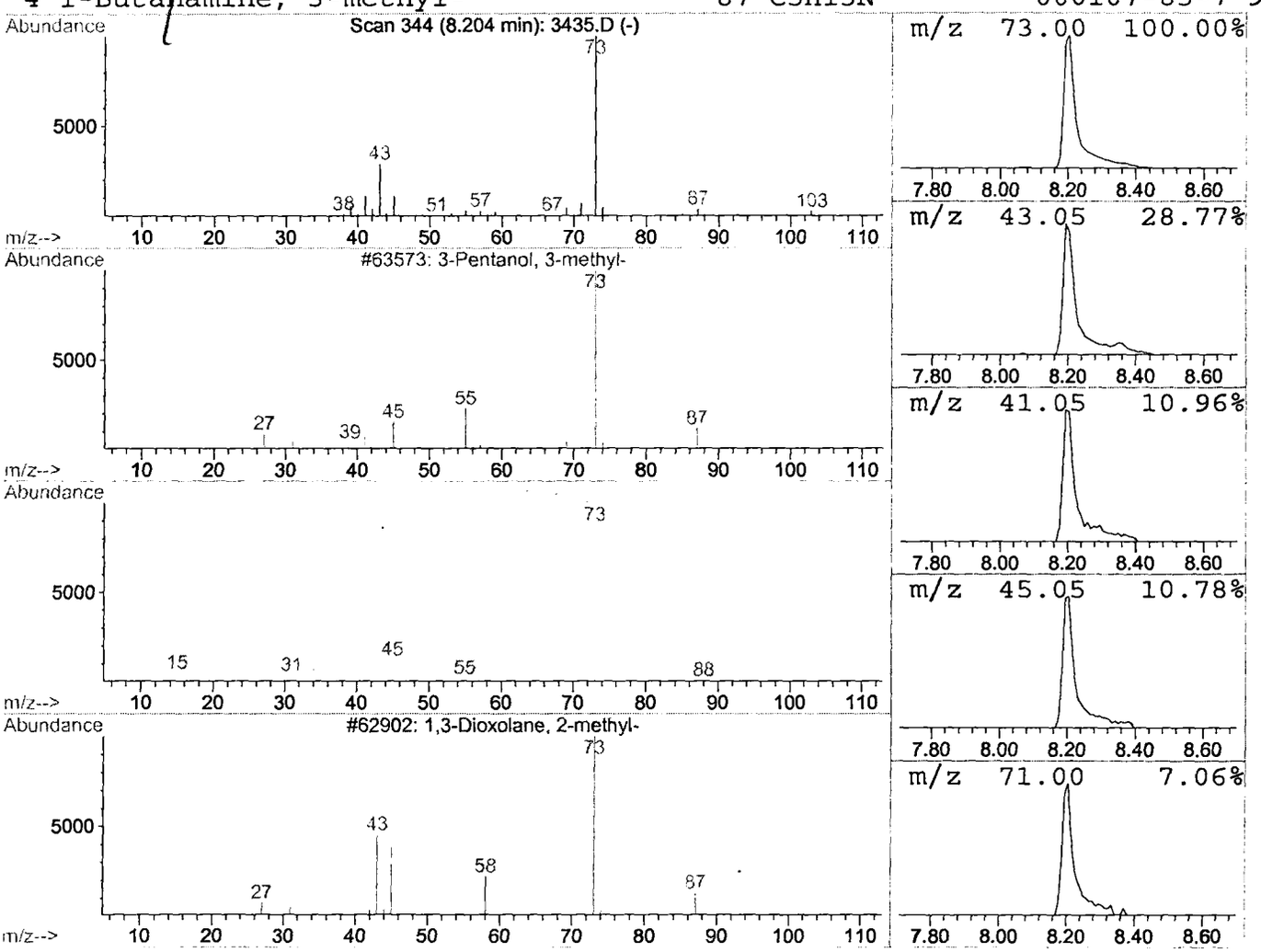
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.83 ug/l	266519	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Feb 2002 10:17 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\3435.D
Name: gc/ms scan 1/14
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
3-Pentanol, 3-methyl	8.20	3.8	ug/l	266519	ISTD01	12.33	1390620	20.0

3435.D GCMS0208.M Fri Mar 08 09:48:46 2002