User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 15:23:01

Sample: AE01688
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/4/02 15:22 Ended: 3/4/02 15:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		5.0

Comments for Sample AE01688 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-04-2002 Time: 15:23:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2502\1688.D Vial: 9
Acq On : 25 Feb 2002 7:23 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 9:11 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	12.32	152	240148	20.00	ug/l	-0.03
10) Naphthalene-d8	15.95	136	904595	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	478490	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.71	188	639031	20.00	ug/l	-0.05
38) Chrysene-d12	33.77	240	354819	20.00	ug/l	-0.07
44) Perylene-d12	38.04	264	227891	20.00	ug/l	-0.08
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	33123	4.96	ug/mL	0.29
Spiked Amount 5.000			Recovery = 99.20%			
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	16.01	128	544	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.		
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	22.75	149	203	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

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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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.68	149	5362	N.D.	
36)	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	33.77	228	712	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.98	149	954	N.D.	
43)	Chrysene	33.77	228	712	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	38.04	252	668	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

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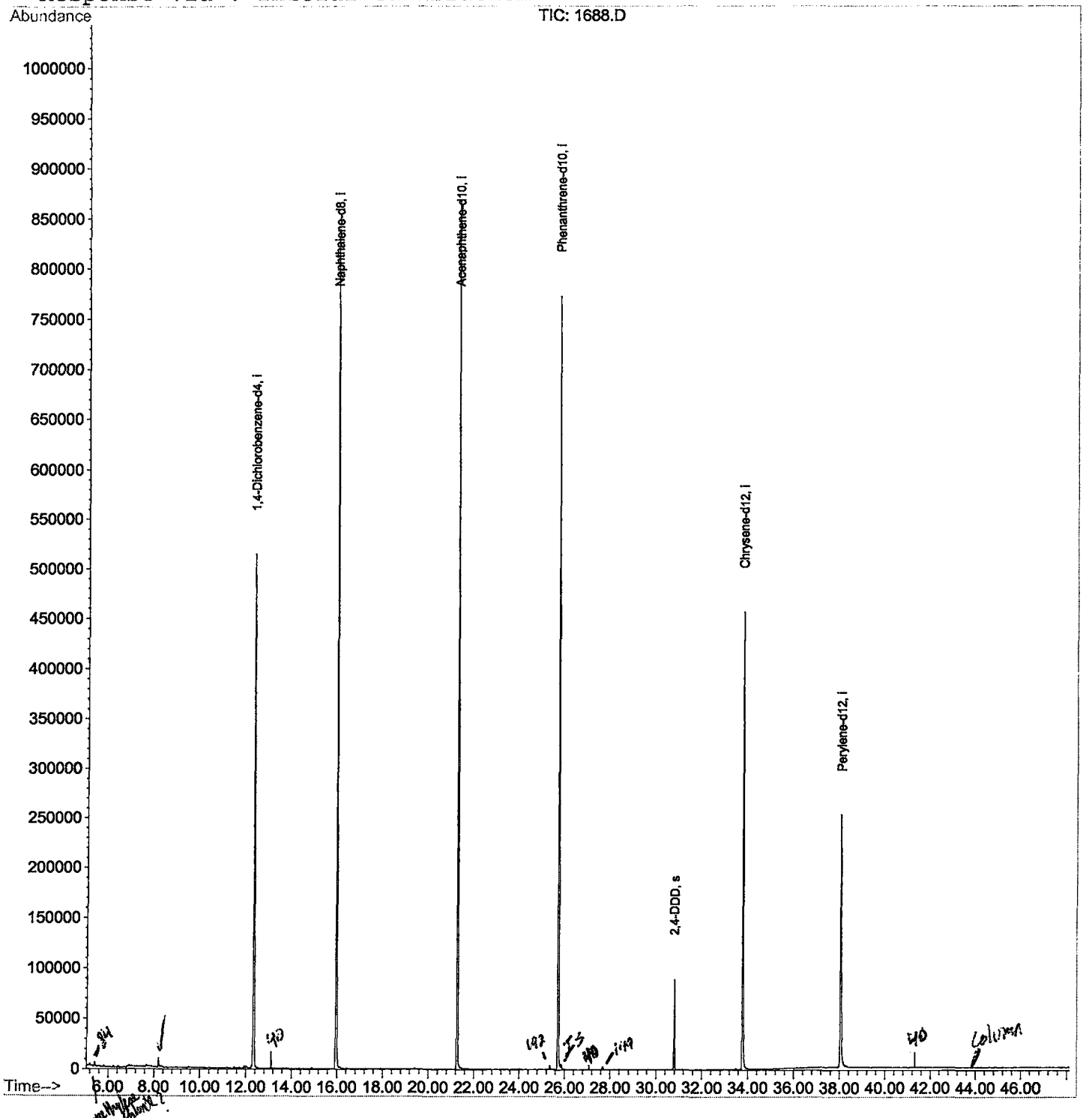
Acq On : 25 Feb 2002 7:23 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 9:11 2002 Quant Results File: GCMS0208.RES

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\FEB2502\1688.D Vial: 9
Acq On : 25 Feb 2002 7:23 pm Operator:
Sample : gc/ms scan 1/25 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

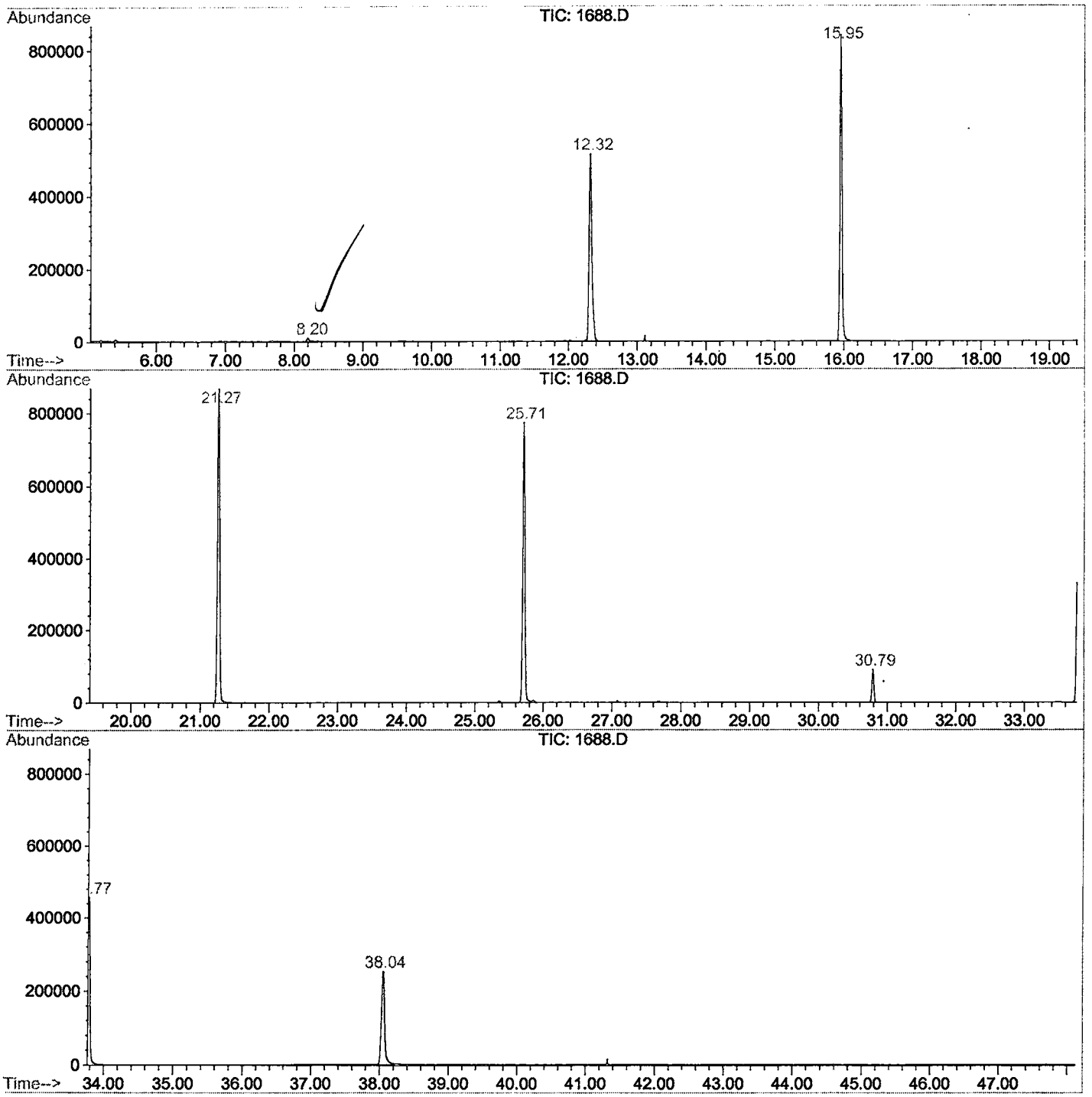
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.197	341	344	351	rBV	9140	20822	1.11%	0.238%
2	12.319	787	793	807	rVB	513213	1355628	72.09%	15.511%
3	15.954	1183	1189	1207	rBV	838951	1764173	93.82%	20.186%
4	21.270	1761	1768	1780	rBV	868810	1880352	100.00%	21.515%
5	25.713	2245	2252	2264	rBV2	772953	1686354	89.68%	19.295%
6	30.790	2800	2805	2811	rBV	89812	170802	9.08%	1.954%
7	33.773	3124	3130	3146	rBV2	456501	1062274	56.49%	12.155%
8	38.042	3587	3595	3614	rBV2	251661	799308	42.51%	9.146%

Sum of corrected areas: 8739713

1688.D GCMS0208.M Thu Feb 28 09:31:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1688.D
Operator :
Acquired : 25 Feb 2002 7:23 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/25
Misc Info :
Vial Number: 9
Quant File :GCMS0208.RES (RTE Integrator)



1688.D GCMS0208.M Thu Feb 28 09:31:59 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1688.D
Acq On : 25 Feb 2002 7:23 pm
Sample : gc/ms scan 1/25
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator:
Inst : GC/MS 209
Multiplr: 1.00

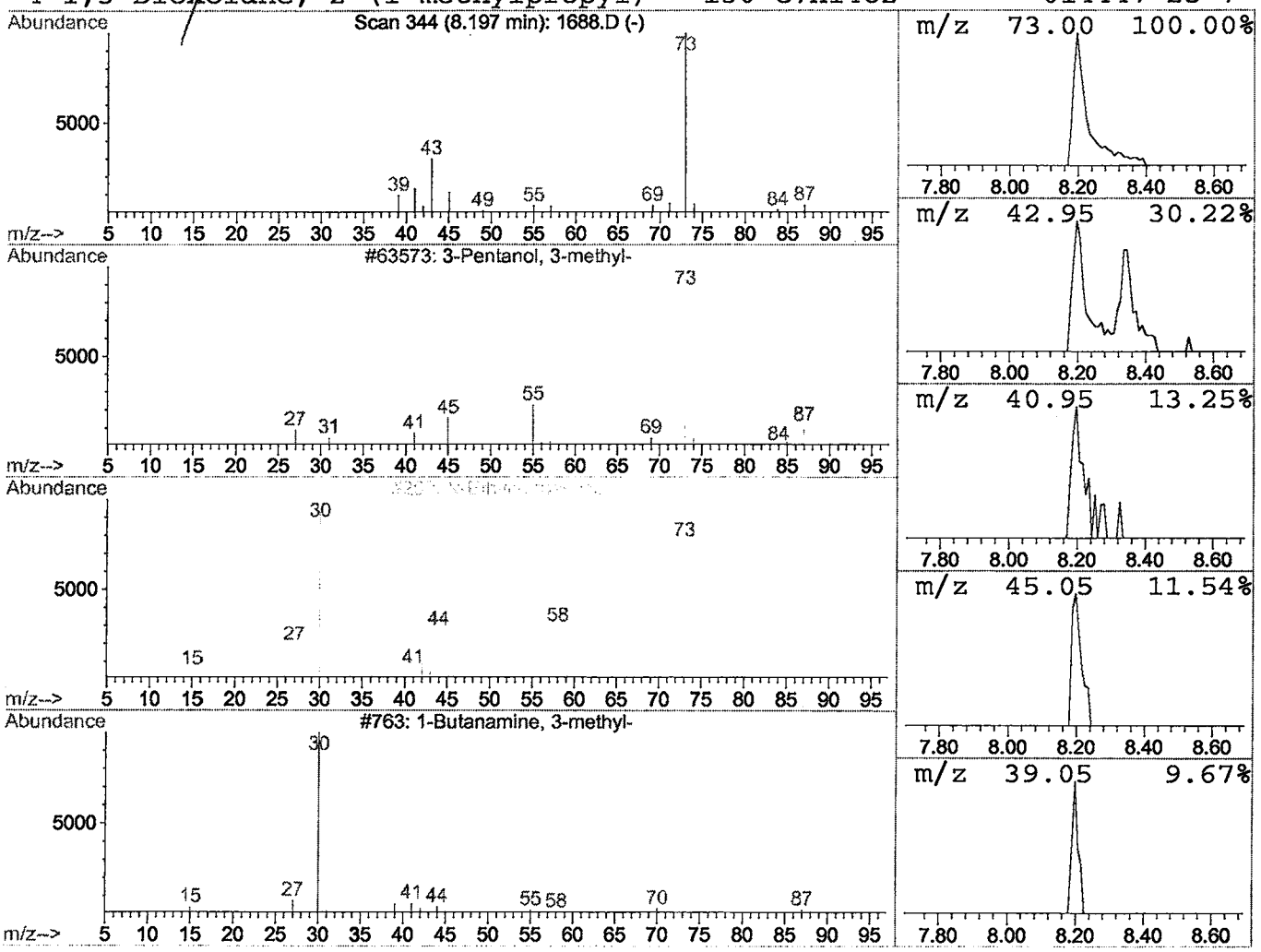
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.31 ug/l	20822	1,4-Dichlorobenzene-d4	12.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	5
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
4	1,3-Dioxolane, 2-(1-methylpropyl)-	130	C7H14O2	014447-25-7	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Feb 2002 7:23 pm
Data File: C:\HPCHEM\1\DATA\FEB2502\1688.D
Name: gc/ms scan 1/25
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	0.3	ug/l	20822	ISTD01	12.32	1355630	20.0

1688.D GCMS0208.M Thu Feb 28 09:32:08 2002