User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 15:19:28

Sample: AE01651
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/4/02 15:06 Ended: 3/4/02 15:06 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		5.0

Comments for Sample AE01651 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-04-2002 Time: 15:19:31

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\1651.D Vial: 7
Acq On : 25 Feb 2002 5:25 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 9:08 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	253797	20.00	ug/l	-0.03
10) Naphthalene-d8	15.96	136	970246	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	515464	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.71	188	703954	20.00	ug/l	-0.05
38) Chrysene-d12	33.77	240	433930	20.00	ug/l	-0.07
44) Perylene-d12	38.05	264	289367	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	31522	4.29	ug/mL	0.29
Spiked Amount 5.000			Recovery = 85.80%			
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	16.00	128	403	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	0.00	149	0	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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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	27.69	149	3961	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	1082	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	1894	N.D.	
43)	Chrysene	33.86	228	168	N.D.	
45)	Di-n-Octylphthalate	35.72	149	461	N.D.	
46)	Benzo(b)fluoranthene	36.83	252	187	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	187	N.D.	
48)	Benzo(a)pyrene	38.05	252	1207	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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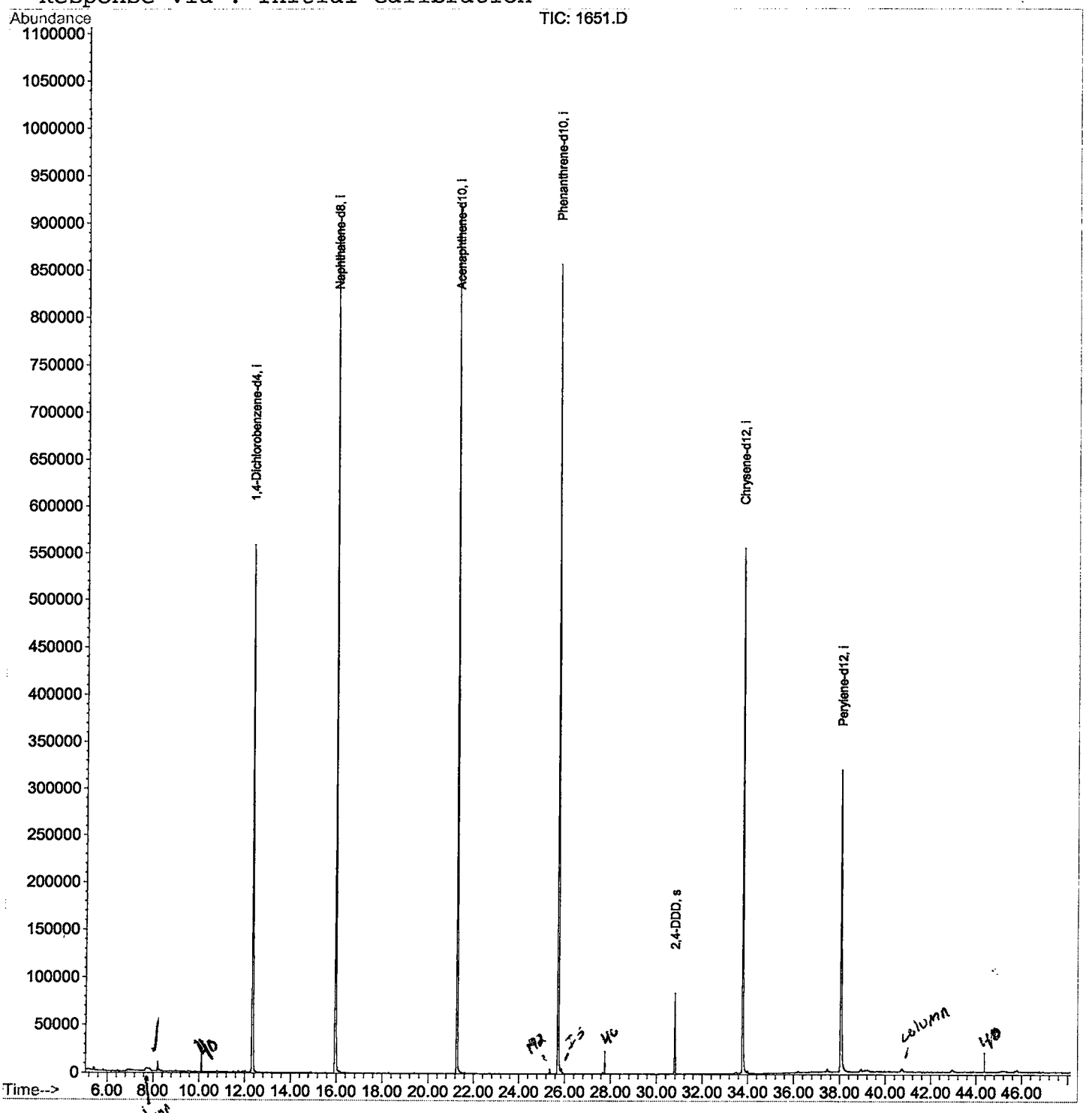
Acq On : 25 Feb 2002 5:25 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 9:08 2002 Quant Results File: GCMS0208.RES

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\1651.D Vial: 7
Acq On : 25 Feb 2002 5:25 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

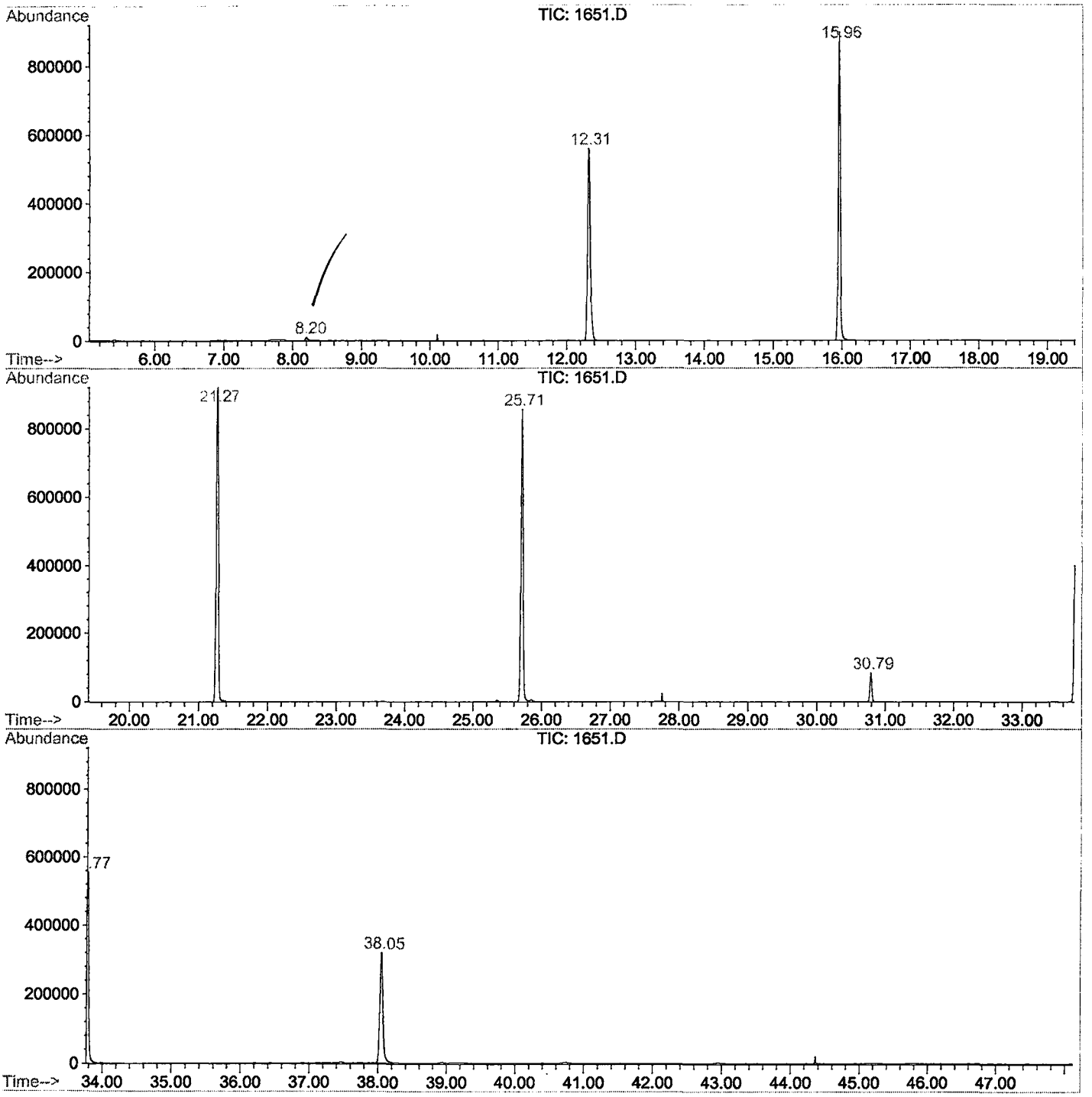
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.198	340	344	354	rBV	9950	23616	1.17%	0.244%
2	12.311	787	792	809	rVB	558109	1437546	70.92%	14.857%
3	15.955	1183	1189	1206	rBV	896409	1887229	93.10%	19.504%
4	21.271	1761	1768	1782	rBV	921558	2027070	100.00%	20.950%
5	25.714	2245	2252	2264	rBV2	856470	1841391	90.84%	19.031%
6	30.791	2799	2805	2811	rBV	84736	159310	7.86%	1.646%
7	33.774	3124	3130	3144	rBV2	554218	1292818	63.78%	13.361%
8	38.052	3587	3596	3615	rBV2	318759	1006938	49.67%	10.407%

Sum of corrected areas: 9675918

1651.D GCMS0208.M Thu Feb 28 09:30:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1651.D
Operator :
Acquired : 25 Feb 2002 5:25 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/25
Misc Info :
Vial Number: 7
Quant File :GCMS0208.RES (RTE Integrator)



1651.D GCMS0208.M Thu Feb 28 09:30:44 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1651.D Vial: 7
Acq On : 25 Feb 2002 5:25 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

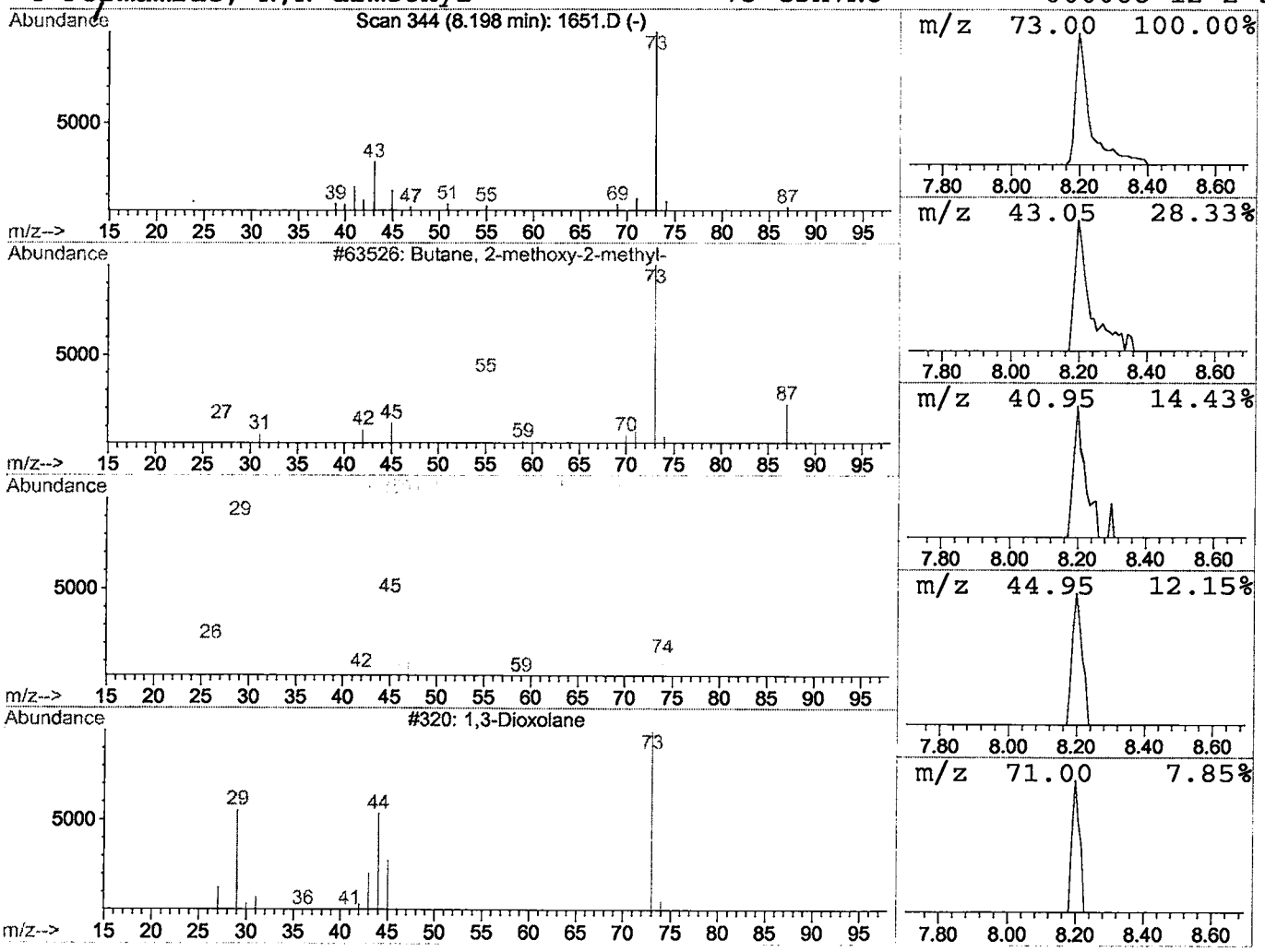
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.33 ug/l	23616	1,4-Dichlorobenzene-d4	12.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
2	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	7
3	1,3-Dioxolane	74	C3H6O2	000646-06-0	7
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Feb 2002 5:25 pm
Data File: C:\HPCHEM\1\DATA\FEB2502\1651.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
Butane, 2-methoxy-2-	8.20	0.3	ug/l	23616	ISTD01	12.32	1437550	20.0

1651.D GCMS0208.M Thu Feb 28 09:30:52 2002