User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 14:59:37

Sample: AE01643
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/4/02 14:55 Ended: 3/4/02 14:55 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		100		5.0

Comments for Sample AE01643 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-04-2002 Time: 15:02:55

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\1643.D Vial: 5
Acq On : 25 Feb 2002 2:37 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 9:04 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	272398	20.00	ug/l	-0.04
10) Naphthalene-d8	15.95	136	1023792	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	536597	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.71	188	736199	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	446196	20.00	ug/l	-0.06
44) Perylene-d12	38.05	264	294319	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	38524	5.01	ug/mL	0.29
Spiked Amount 5.000			Recovery = 100.20%			
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	493	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	22.76	149	480	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\FEB2502\1643.D Vial: 5
Acq On : 25 Feb 2002 2:37 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 9:04 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

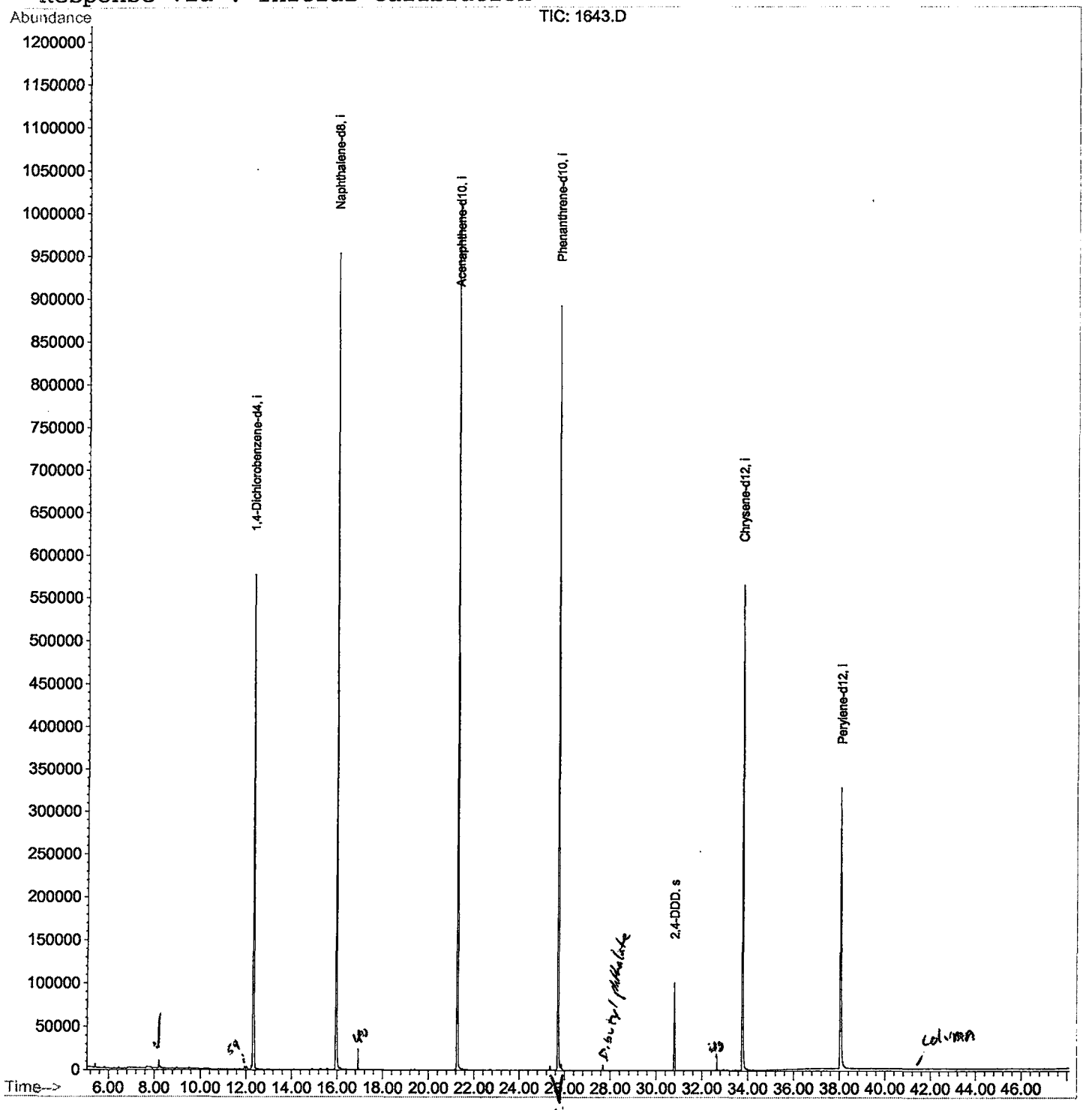
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.68	149	10204	N.D.	
36)	Fluoranthene	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	33.78	228	1415	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.98	149	1181	N.D.	
43)	Chrysene	33.86	228	488	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.92	252	276	N.D.	
47)	Benzo(k)fluoranthene	36.92	252	276	N.D.	
48)	Benzo(a)pyrene	38.04	252	1059	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\FEB2502\1643.D Vial: 5
Acq On : 25 Feb 2002 2:37 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 9:04 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\1643.D Vial: 5
Acq On : 25 Feb 2002 2:37 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

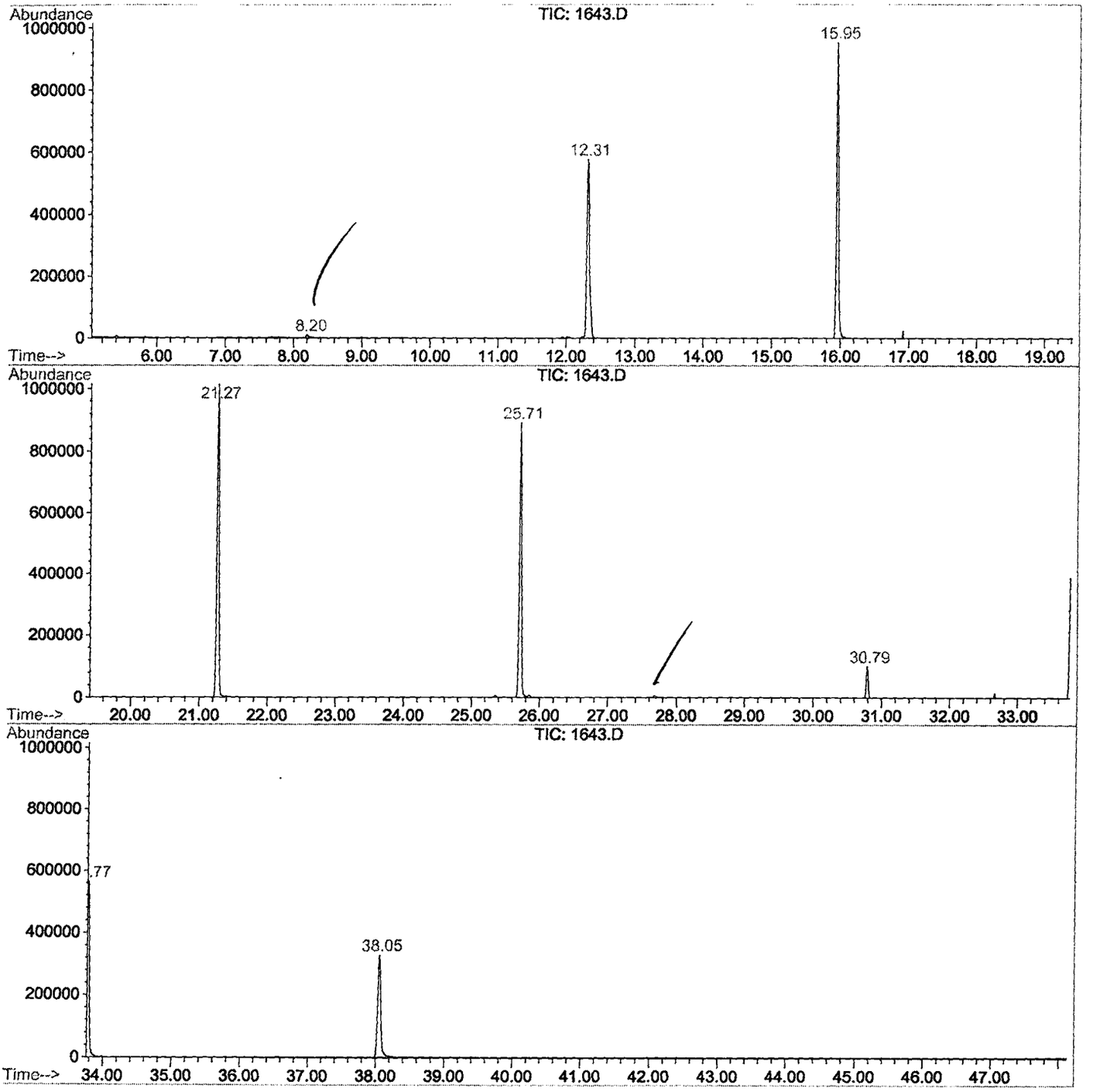
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.197	340	344	353	rBV	9412	22997	1.08%	0.227%
2	12.310	787	792	809	rVB	576471	1541898	72.53%	15.199%
3	15.954	1183	1189	1205	rBV	952850	1984183	93.33%	19.558%
4	21.270	1761	1768	1784	rBV	1015160	2125895	100.00%	20.955%
5	25.713	2245	2252	2264	rBV2	892361	1915423	90.10%	18.881%
6	30.790	2800	2805	2812	rVB	101108	195042	9.17%	1.923%
7	33.773	3124	3130	3150	rBV2	564570	1337781	62.93%	13.187%
8	38.051	3588	3596	3620	rBV2	326180	1021645	48.06%	10.071%

Sum of corrected areas: 10144864

1643.D GCMS0208.M Thu Feb 28 09:28:51 2002

LSC Report - Integrated Chromatogram

```
          : C:\HPCHEM\1\DATA\FEB2502\1643.D
 rator    :
 quired   : 25 Feb 2002   2:37 pm using AcqMethod GCMS0208
nstrument :   GC/MS 209
Sample Name: gc/ms scan 1/25
Misc Info  :
Vial Number: 5
Quant File :GCMS0208.RES (RTE Integrator)
```



1643.D GCMS0208.M Thu Feb 28 09:28:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1643.D
Acq On : 25 Feb 2002 2:37 pm
Sample : gc/ms scan 1/25
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator:
Inst : GC/MS 209
Multiplr: 1.00

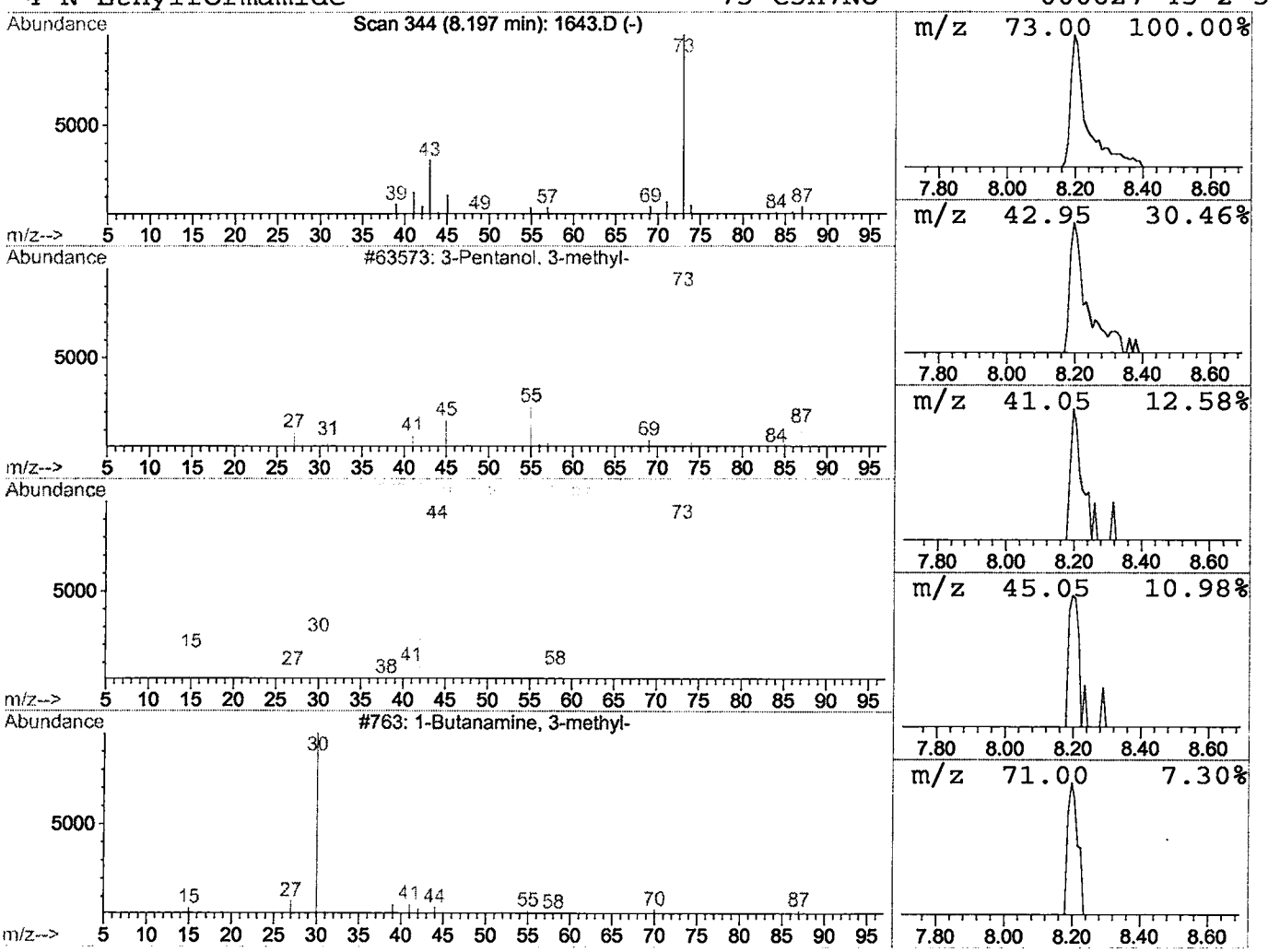
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.30 ug/l	22997	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	36
2	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Feb 2002 2:37 pm
Data File: C:\HPCHEM\1\DATA\FEB2502\1643.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	22997	ISTD01	12.32	1541900	20.0

1643.D GCMS0208.M Thu Feb 28 09:29:06 2002