User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 15:44:27

Sample: AE01800
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 15:43 Ended: 3/6/02 15:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Comments for Sample AE01800 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 15:44:55

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 above its acceptance range.

Data File : C:\HPCHEM\1\DATA\FEB2502\1800.D Vial: 26
Acq On : 26 Feb 2002 2:33 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 11:37 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	12.32	152	256286	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	986538	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	517447	20.00	ug/l	-0.05
29) Phenanthrene-d10	25.72	188	724799	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	470393	20.00	ug/l	-0.07
44) Perylene-d12	38.06	264	322289	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.80	235	40547	5.36	ug/mL	0.30
Spiked Amount 5.000			Recovery = 107.20%			
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	181	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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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	2884	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.21	149	210	N.D.	
41)	Benzo(a)anthracene	33.79	228	2722	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	7909	0.26 ug/l	98
43)	Chrysene	33.85	228	1906	N.D.	
45)	Di-n-Octylphthalate	35.73	149	564	N.D.	
46)	Benzo(b)fluoranthene	36.85	252	531	N.D.	
47)	Benzo(k)fluoranthene	36.92	252	543	N.D.	
48)	Benzo(a)pyrene	38.06	252	1357	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

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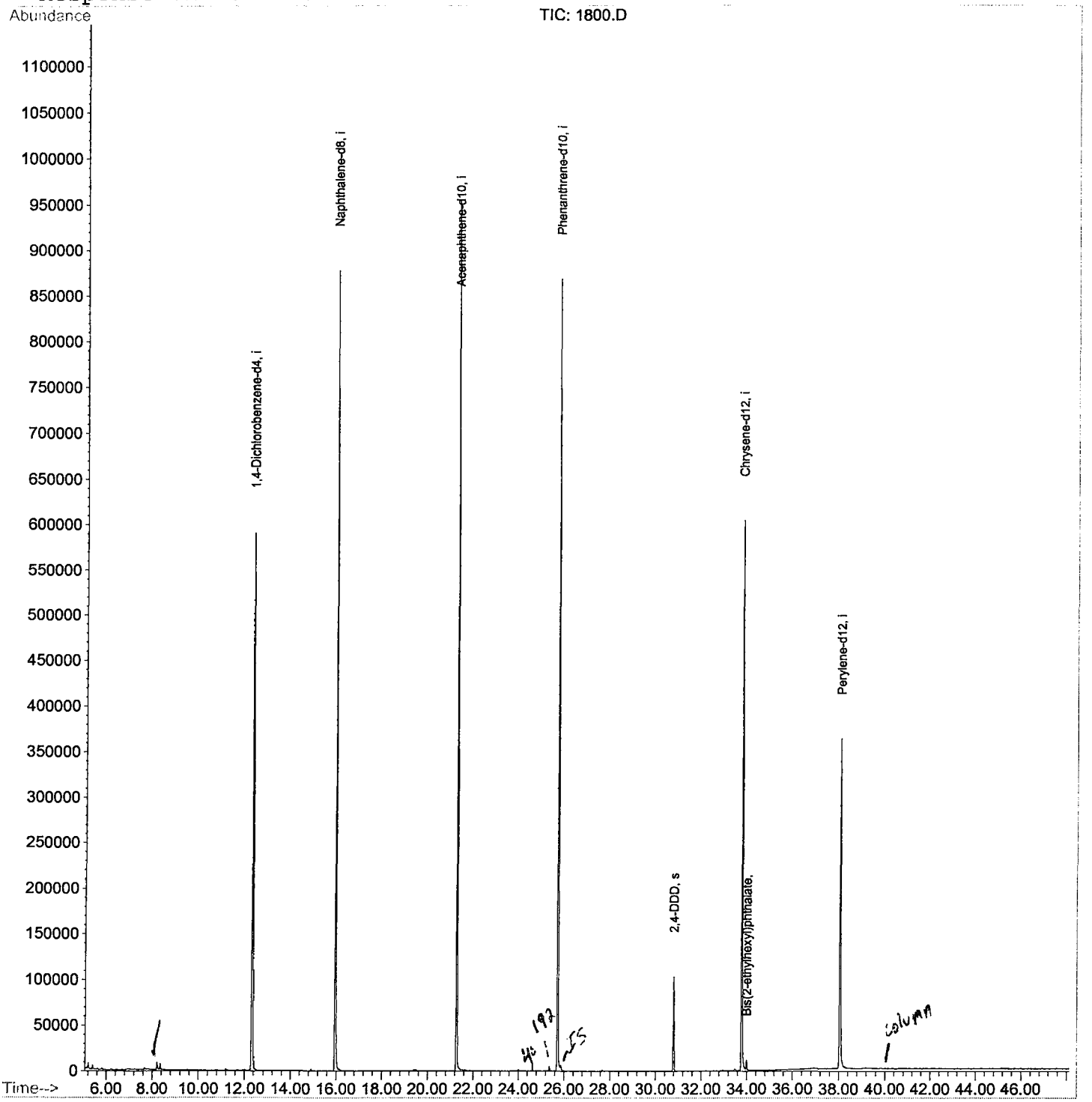
Acq On : 26 Feb 2002 2:33 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:37 2002 Quant Results File: GCMS0208.RES

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



Data File : C:\HPCHEM\1\DATA\FEB2502\1800.D Vial: 26
Acq On : 26 Feb 2002 2:33 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

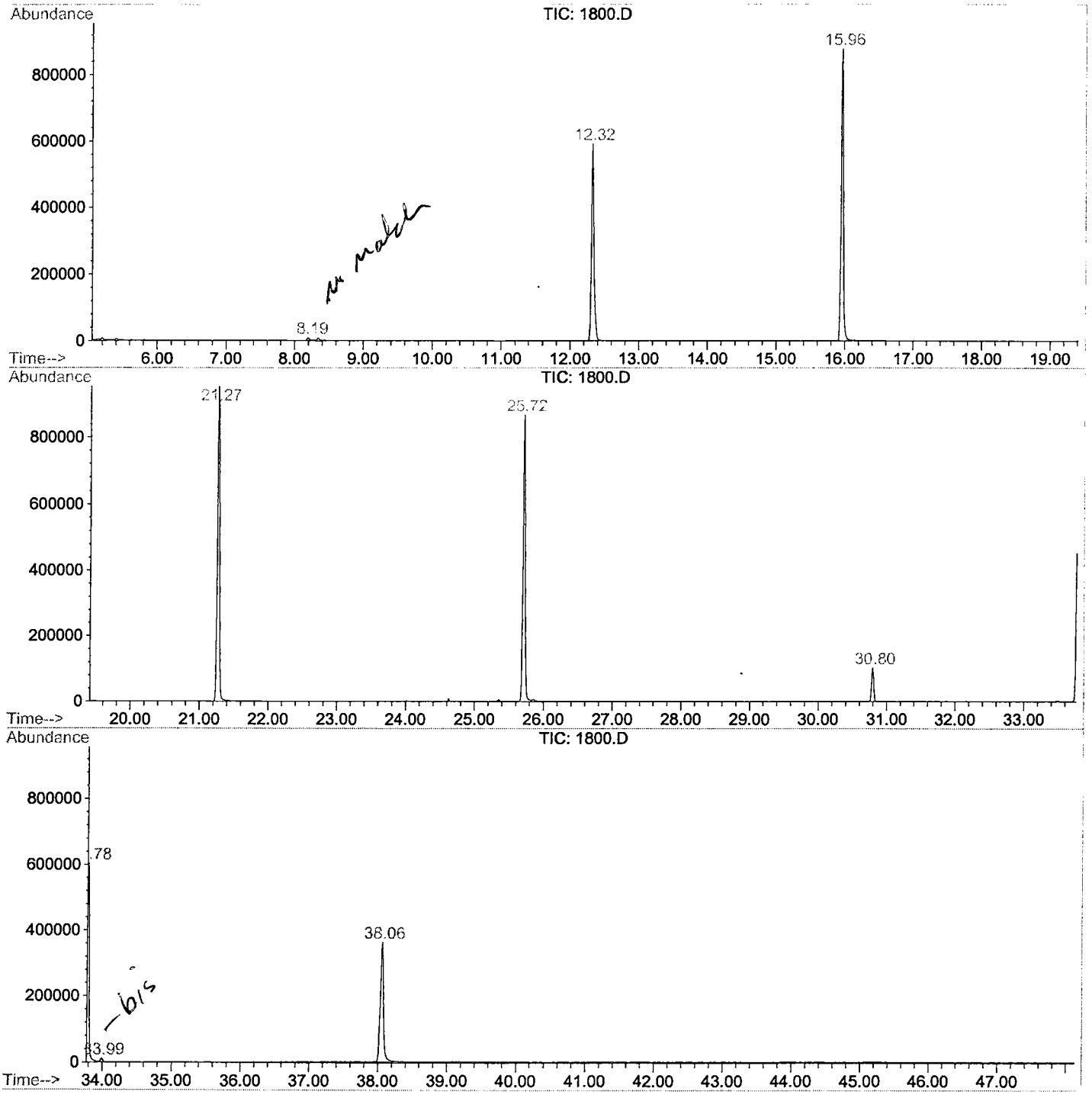
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.193	339	343	354	rBV	8487	21539	1.06%	0.213%
2	12.315	787	792	808	rVB	590244	1449448	71.09%	14.309%
3	15.960	1183	1189	1206	rBV	877702	1919591	94.14%	18.950%
4	21.266	1761	1767	1782	rBV	955286	2038979	100.00%	20.128%
5	25.718	2245	2252	2264	rBV2	868713	1909871	93.67%	18.854%
6	30.795	2800	2805	2810	rBV	102916	206299	10.12%	2.037%
7	33.779	3123	3130	3149	rBV2	602982	1418714	69.58%	14.005%
8	33.990	3149	3153	3163	rVB2	11006	24659	1.21%	0.243%
9	38.057	3587	3596	3614	rBV3	361154	1140860	55.95%	11.262%

Sum of corrected areas: 10129960

1800.D GCMS0208.M Thu Feb 28 11:49:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1800.D
Operator :
Acquired : 26 Feb 2002 2:33 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/25
Misc Info :
Vial Number: 26
Quant File :GCMS0208.RES (RTE Integrator)



1800.D GCMS0208.M Thu Feb 28 11:49:58 2002

Data File : C:\HPCHEM\1\DATA\FEB2502\1800.D Vial: 26
Acq On : 26 Feb 2002 2:33 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

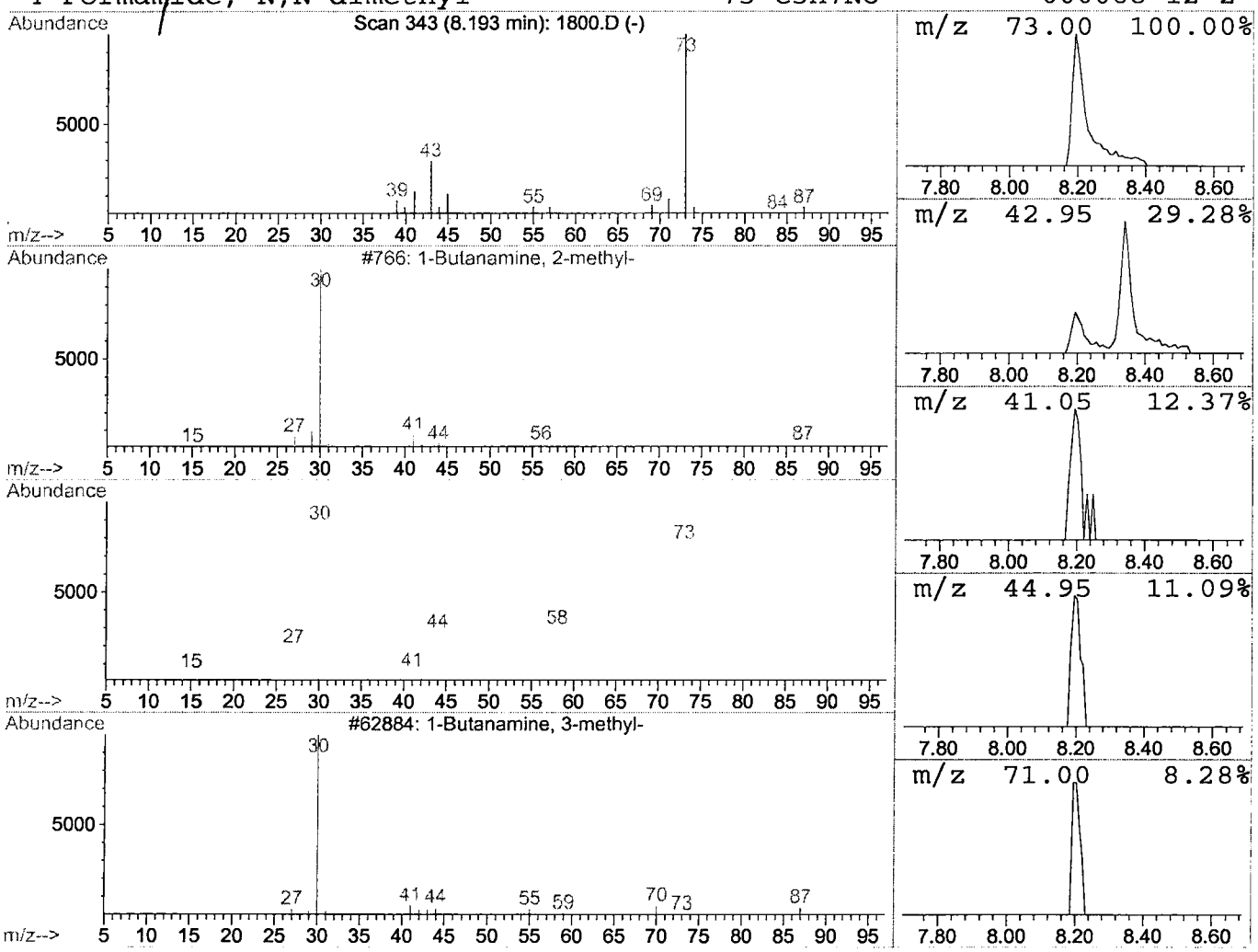
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Butanamine, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	0.30 ug/l	21539	1,4-Dichlorobenzene-d4	12.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	5
2	N-Ethylformamide	73	C3H7NO	000627-45-2	5
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4



Tentatively Identified Compound (TIC) summary

Operator ID: Date Acquired: 26 Feb 2002 2:33 pm
Data File: C:\HPCHEM\1\DATA\FEB2502\1800.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
1 Butanamine, 2-meth	8.19	0.3	ug/l	21539	ISTD01	12.32	1449450	20.0

1800.D GCMS0208.M Thu Feb 28 11:50:07 2002