User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 15:58:30

Sample: AE01799
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 15:58 Ended: 3/6/02 15:58 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		113		5.0

28550 | 02536
coll 1/23/02
by Dossomer
data. MS

Comments for Sample AE01799 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 15:59:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for an unidentified hydrocarbon at 33.4 minutes, and with an estimated level of 1.4 ug/L. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Data File : C:\HPCHEM\1\DATA\FEB2502\1799.D Vial: 25
Acq On : 26 Feb 2002 11:34 am Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:55 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	12.31	152	262519	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	1013863	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	527587m	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.72	188	744403	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	496274	20.00	ug/l	-0.07
44) Perylene-d12	38.06	264	332510	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	44049	5.67	ug/mL	0.30
Spiked Amount 5.000			Recovery = 113.40%			
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	16.02	128	385	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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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	2691	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	33.79	228	1055	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	1368	N.D.	
43)	Chrysene	33.79	228	1055	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	38.06	252	1267	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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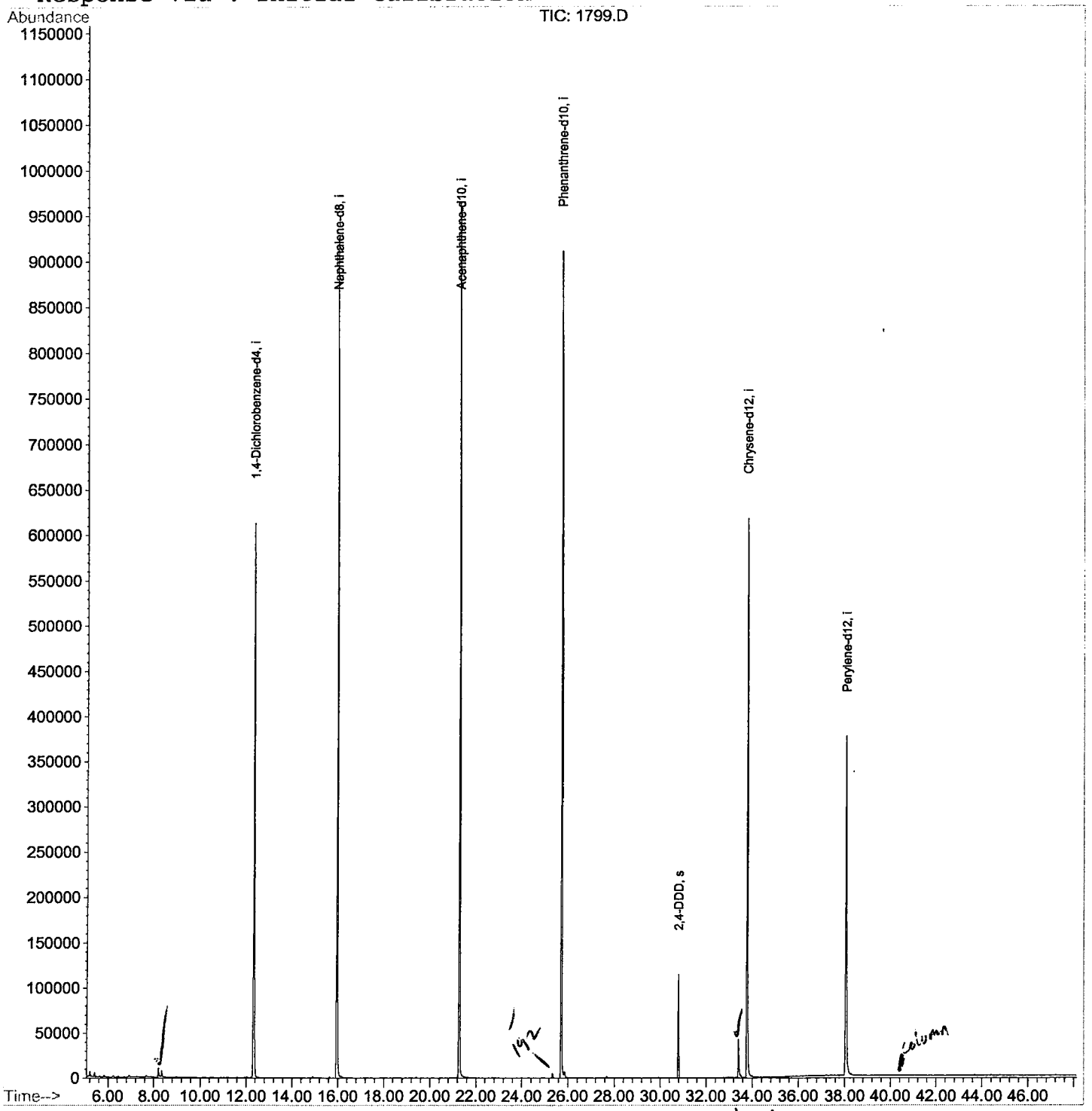
Acq On : 26 Feb 2002 11:34 am Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:55 2002 Quant Results File: GCMS0208.RES

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\1799.D Vial: 25
Acq On : 26 Feb 2002 11:34 am 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

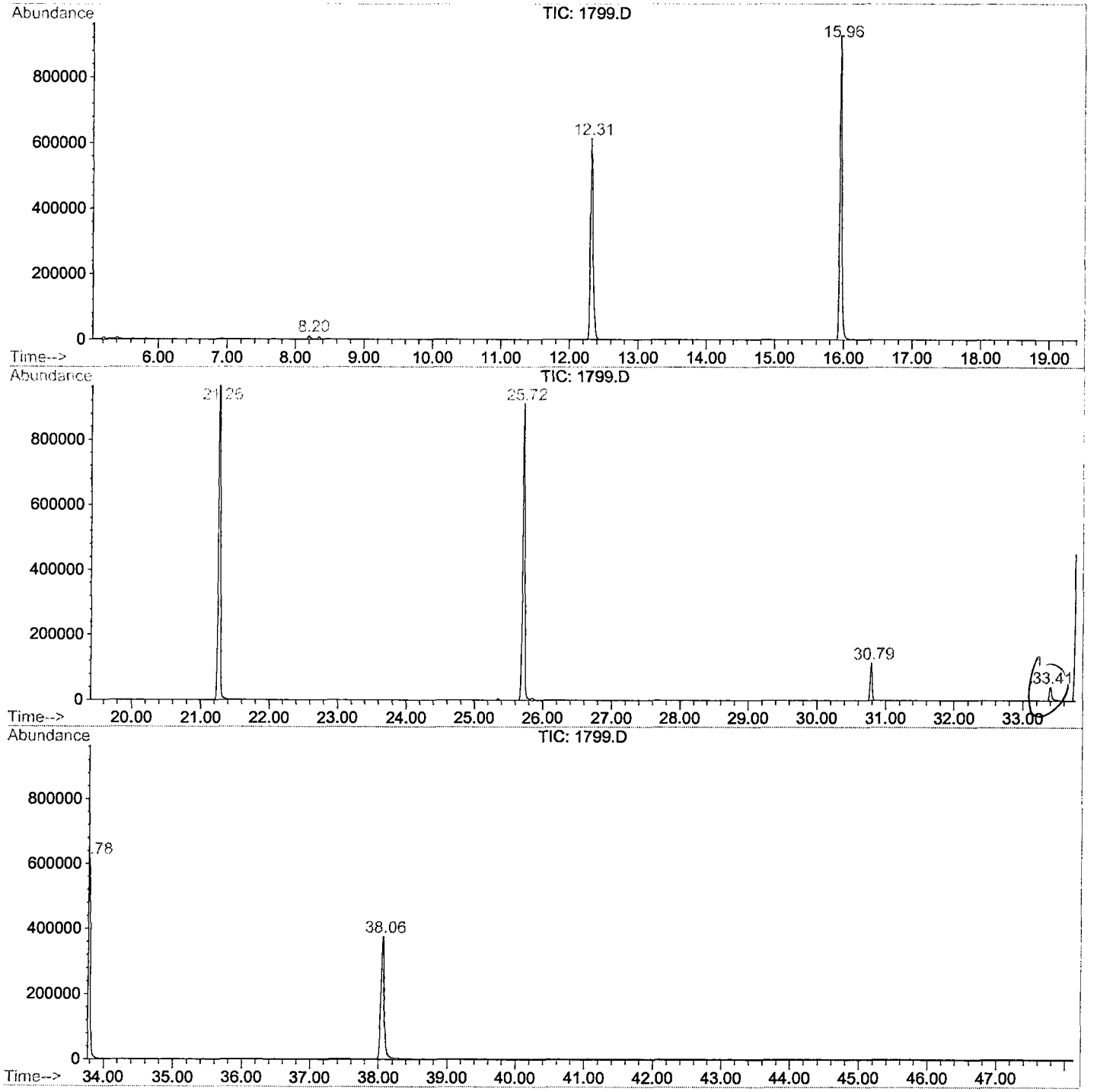
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.201	340	344	353	rBV	10228	24050	1.14%	0.229%
2	12.313	787	792	807	rBV	612027	1482820	70.43%	14.104%
3	15.958	1183	1189	1206	rBV	925605	1966143	93.39%	18.701%
4	21.264	1761	1767	1781	rBV	965073	2105342	100.00%	20.025%
5	25.717	2245	2252	2263	rBV2	910836	1961194	93.15%	18.654%
6	30.793	2800	2805	2812	rBV	114689	225999	10.73%	2.150%
7	33.410	3085	3090	3097	rBV	42281	104187	4.95%	0.991%
8	33.777	3124	3130	3148	rBV2	617177	1484156	70.49%	14.117%
9	38.055	3586	3596	3614	rBV2	375255	1159567	55.08%	11.029%

Sum of corrected areas: 10513458

1799.D GCMS0208.M Thu Feb 28 11:56:52 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1799.D
Operator :
Acquired : 26 Feb 2002 11:34 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/25
Misc Info :
Vial Number: 25
Quant File :GCMS0208.RES (RTE Integrator)



1799.D GCMS0208.M Thu Feb 28 11:56:58 2002

Data File : C:\HPCHEM\1\DATA\FEB2502\1799.D Vial: 25
Acq On : 26 Feb 2002 11:34 am Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

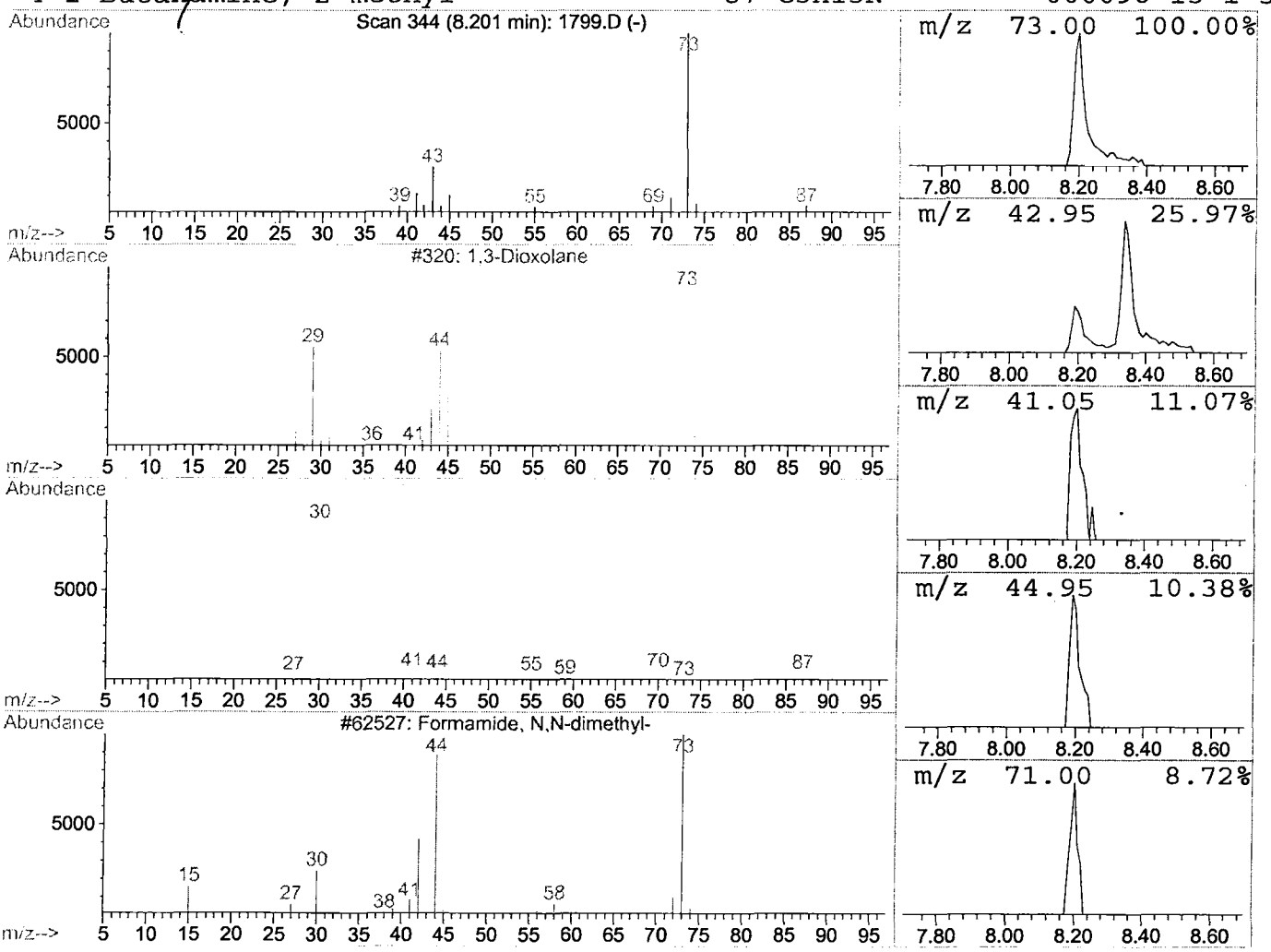
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.32 ug/l	24050	1,4-Dichlorobenzene-d4	12.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	7
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
3	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5
4	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	5



Data File : C:\HPCHEM\1\DATA\FEB2502\1799.D Vial: 25
Acq On : 26 Feb 2002 11:34 am Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

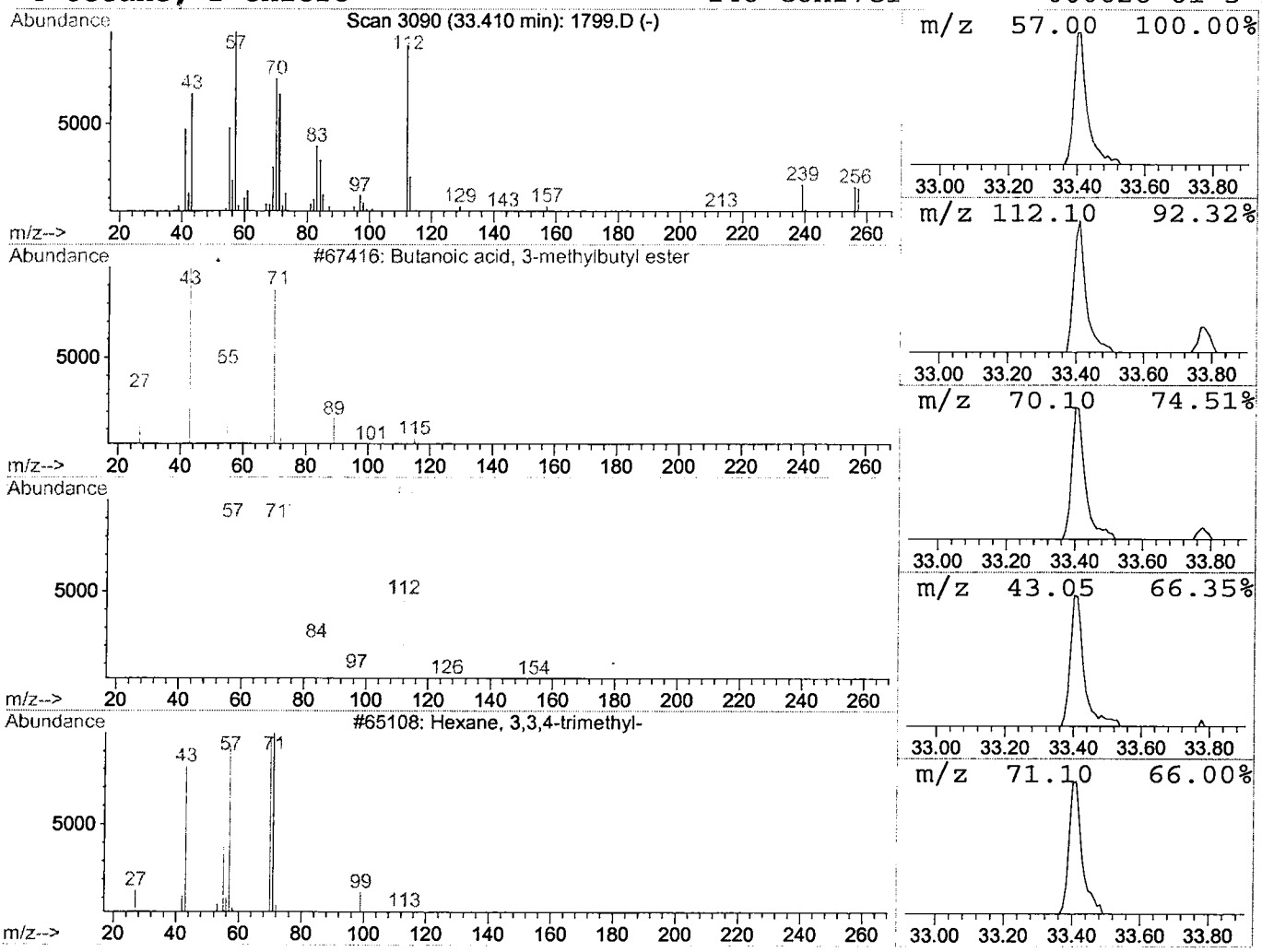
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Butanoic acid, 3-methylbutyl e Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.41	1.40 ug/l	104187	Chrysene-d12	33.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methylbutyl ester	158	C9H18O2	000106-27-4	27
2	1-Decene, 4-methyl-	154	C11H22	013151-29-6	25
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	16
4	Octane, 2-chloro-	148	C8H17Cl	000628-61-5	16



Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 26 Feb 2002 11:34 am
Data File: C:\HPCHEM\1\DATA\FEB2502\1799.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
1,3-Dioxolane	8.20	0.3	ug/l	24050	ISTD01	12.31	1482820	20.0
Butanoic acid, 3-met	33.41	1.4	ug/l	104187	ISTD05	33.78	1484160	20.0

1799.D GCMS0208.M Thu Feb 28 11:57:11 2002