User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 15:28:13

Sample: AE01691
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/4/02 15:27 Ended: 3/4/02 15:27 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		105		5.0

Comments for Sample AE01691 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-04-2002 Time: 15:28:17

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\1691.D Vial: 12
Acq On : 25 Feb 2002 10:21 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 9:16 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	270378	20.00	ug/l	-0.03
10) Naphthalene-d8	15.96	136	1015316	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	531393	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.71	188	732502	20.00	ug/l	-0.05
38) Chrysene-d12	33.77	240	472293	20.00	ug/l	-0.07
44) Perylene-d12	38.04	264	317193	20.00	ug/l	-0.08
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	40075	5.24	ug/mL	0.29
Spiked Amount 5.000			Recovery = 104.80%			
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	16.02	128	235	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	22.74	149	190	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)

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Title : 209 625/TCLP calibration table
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Response via : Initial Calibration
DataAcq Meth : GCMS0208

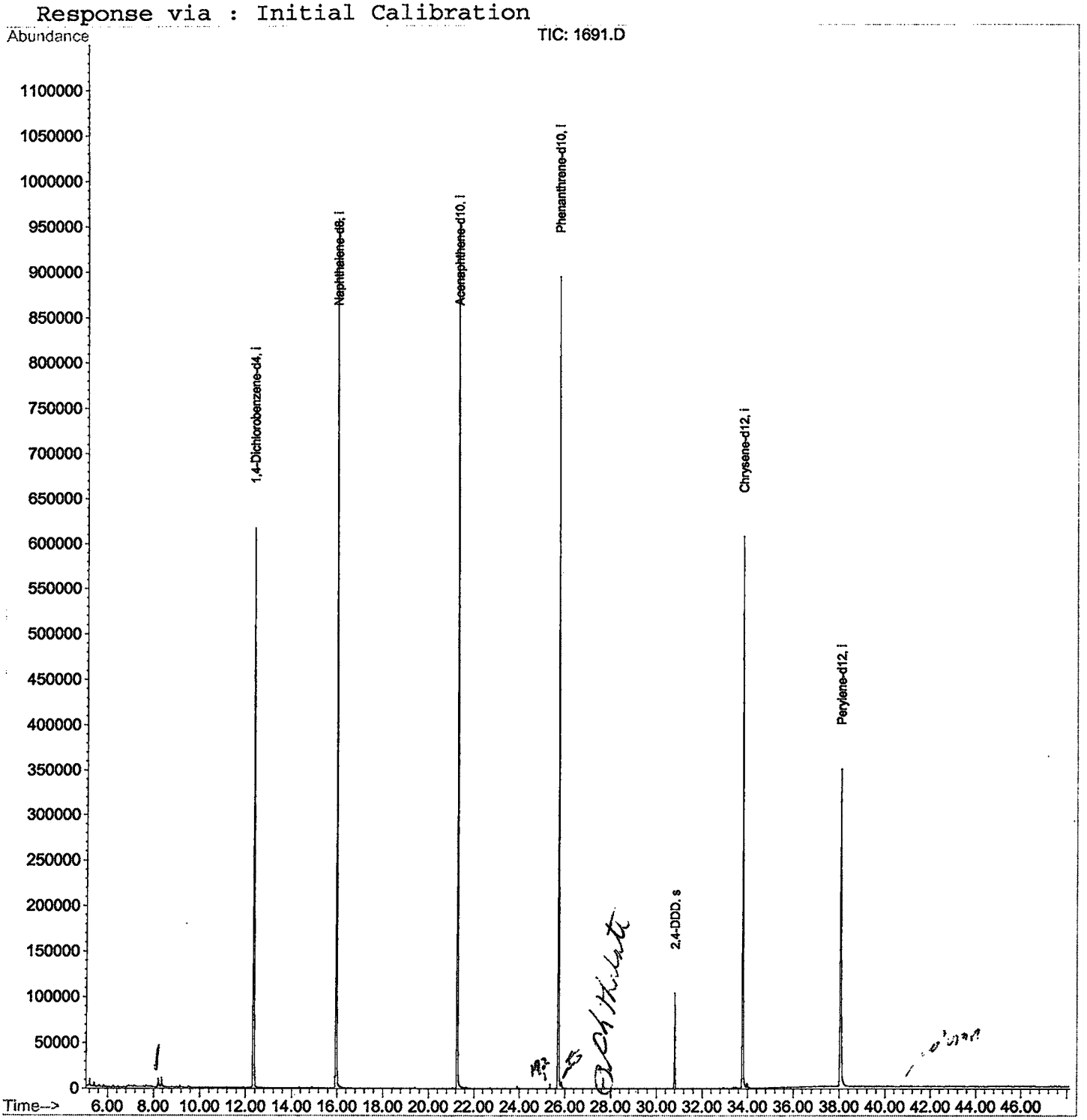
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.68	149	15060	N.D.	
36)	Fluoranthene	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	1228	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	4305	N.D.	
43)	Chrysene	33.78	228	1228	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	1209	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\1691.D Vial: 12
Acq On : 25 Feb 2002 10:21 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 9:16 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\1691.D Vial: 12
Acq On : 25 Feb 2002 10:21 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

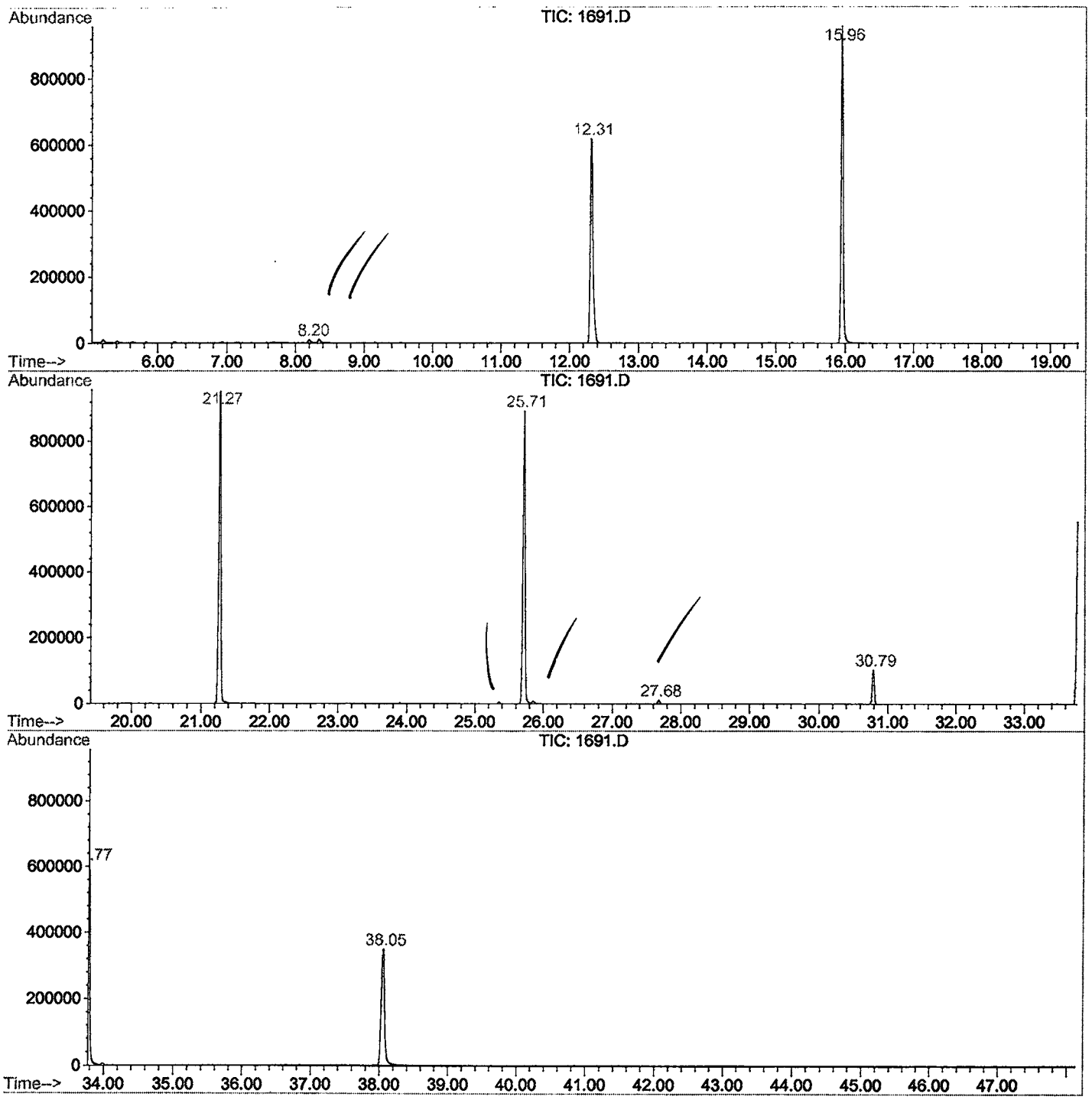
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.198	340	344	351	rBV	9566	22265	1.06%	0.216%
2	12.311	787	792	806	rBV	617051	1522618	72.23%	14.755%
3	15.956	1183	1189	1206	rBV	957261	1979508	93.90%	19.182%
4	21.271	1761	1768	1787	rBV	953634	2108045	100.00%	20.428%
5	25.714	2245	2252	2264	rBV2	893557	1913322	90.76%	18.541%
6	27.679	2461	2466	2472	rBV	11760	22902	1.09%	0.222%
7	30.791	2800	2805	2811	rVB	104376	207242	9.83%	2.008%
8	33.775	3124	3130	3150	rBV2	606970	1424431	67.57%	13.803%
9	38.053	3587	3596	3619	rBV2	348828	1119173	53.09%	10.845%

Sum of corrected areas: 10319506

1691.D GCMS0208.M Thu Feb 28 09:33:43 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1691.D
Operator :
Acquired : 25 Feb 2002 10:21 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/25
Misc Info :
Vial Number: 12
Quant File :GCMS0208.RES (RTE Integrator)



1691.D GCMS0208.M Thu Feb 28 09:33:49 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1691.D
Acq On : 25 Feb 2002 10:21 pm
Sample : gc/ms scan 1/25
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator:
Inst : GC/MS 209
Multiplr: 1.00

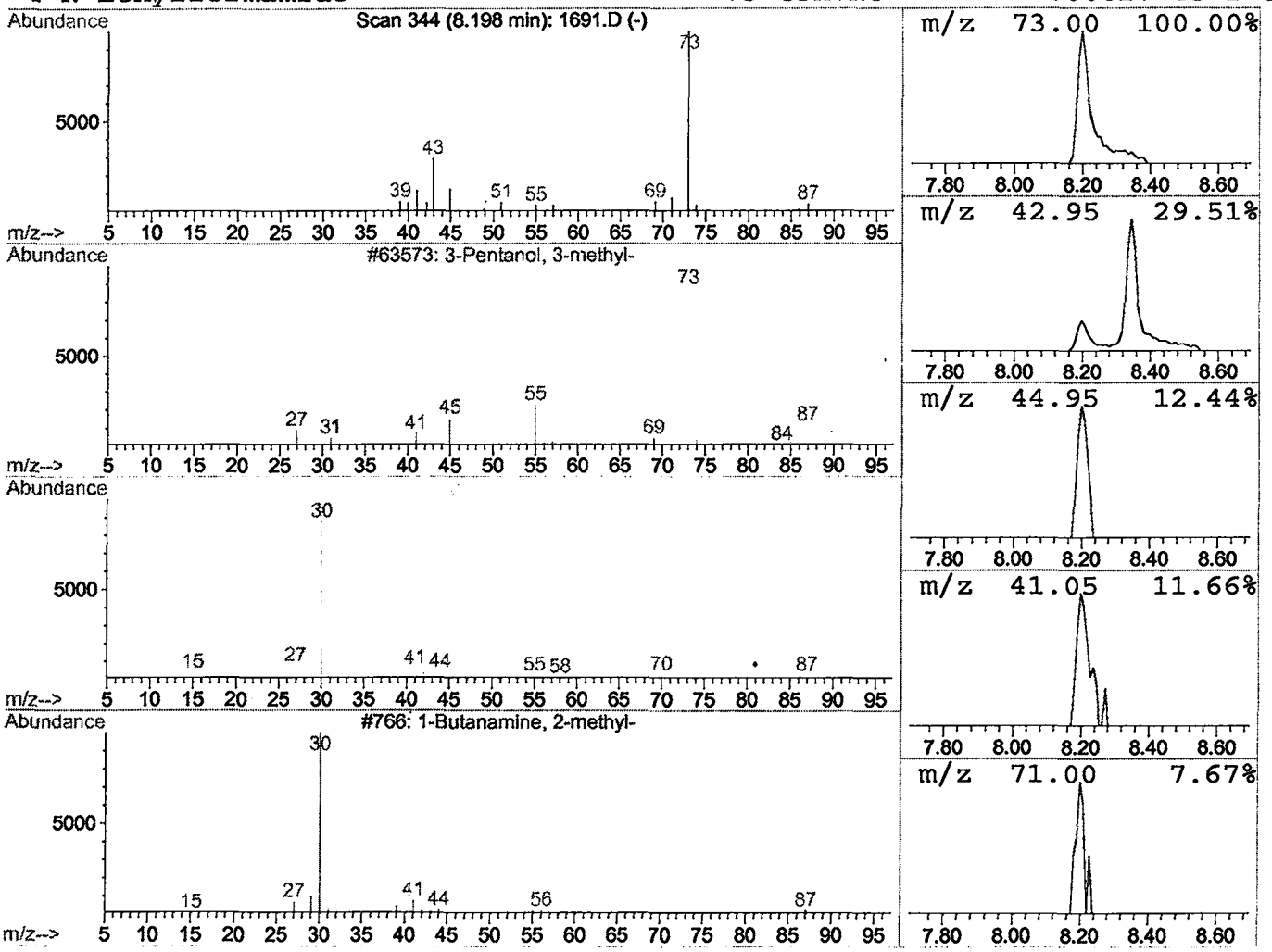
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.29 ug/l	22265	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	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
3	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	5
4	N-Ethylformamide	73	C3H7NO	000627-45-2	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1691.D Vial: 12
Acq On : 25 Feb 2002 10:21 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

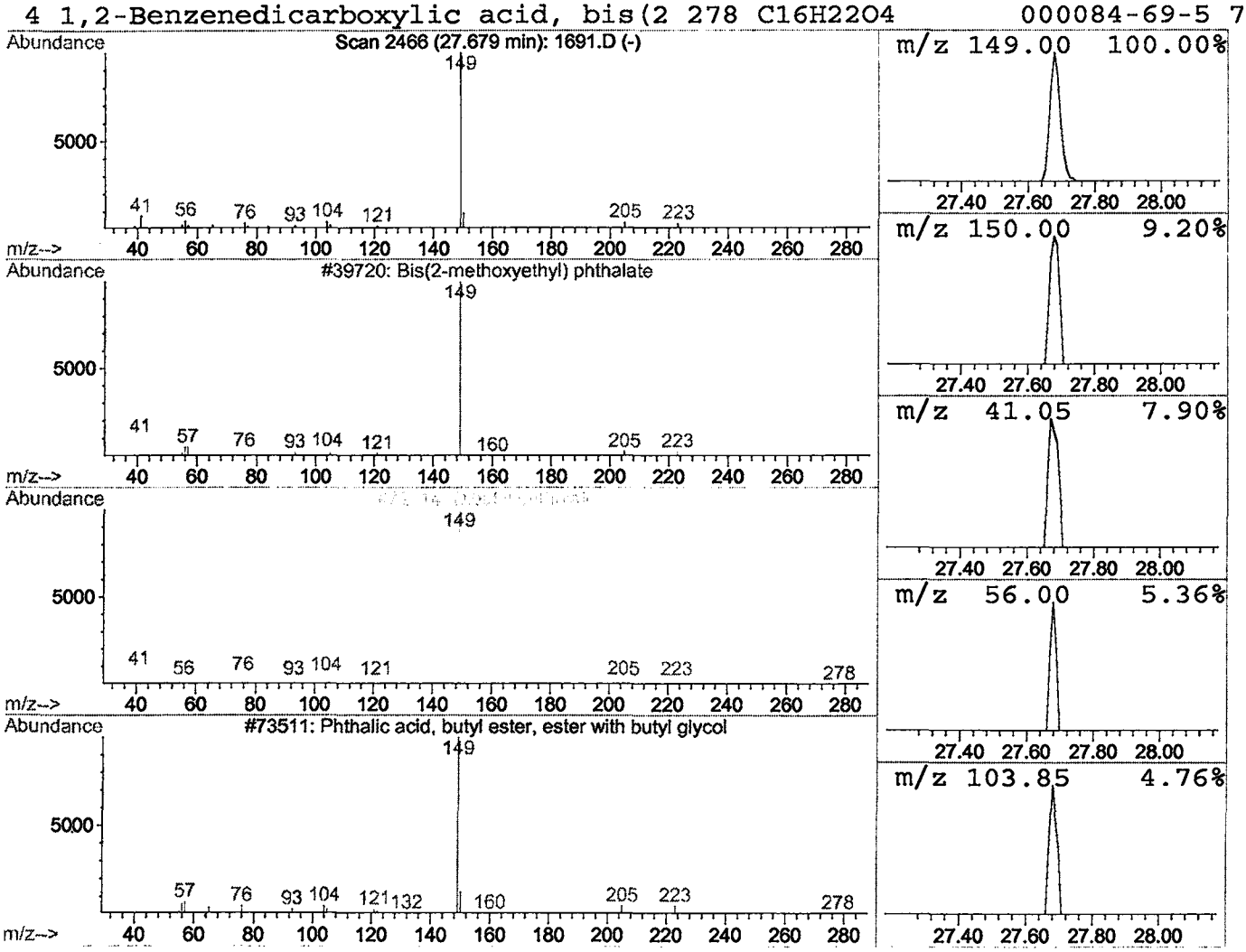
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Bis(2-methoxyethyl) phthalate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.68	0.24 ug/l	22902	Phenanthrene-d10	25.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-methoxyethyl) phthalate	282	C14H18O6	000117-82-8	83
2	Dibutyl phthalate	278	C16H22O4	000084-74-2	83
3	Phthalic acid, butyl ester, ester w	336	C18H24O6	000085-70-1	83
4	1,2-Benzenedicarboxylic acid, bis(2	278	C16H22O4	000084-69-5	78



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Feb 2002 10:21 pm
Data File: C:\HPCHEM\1\DATA\FEB2502\1691.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	22265	ISTD01	12.32	1522620	20.0
Bis(2-methoxyethyl)	27.68	0.2	ug/l	22902	ISTD04	25.71	1913320	20.0

1691.D GCMS0208.M Thu Feb 28 09:34:02 2002