User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 14:38:14

Sample: AD31662
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 14:37 Ended: 2/15/02 14:37 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		5.0

Comments for Sample AD31662 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 14:38:56

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\FEB1302\31662.D Vial: 6
Acq On : 13 Feb 2002 8:05 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 15 9:58 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 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.34	152	311080	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1187663	20.00	ug/l	0.00
17) Acenaphthene-d10	21.30	164	636720	20.00	ug/l	0.00
29) Phenanthrene-d10	25.76	188	939869	20.00	ug/l	0.00
38) Chrysene-d12	33.83	240	664630	20.00	ug/l	-0.02
44) Perylene-d12	38.11	264	428648	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	41714	4.42	ug/mL	0.34
Spiked Amount 5.000			Recovery = 88.40%			
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	12.24	146	185	N.D.		
5) 1,4-Dichlorobenzene	12.38	146	282	N.D.		
6) 1,2-Dichlorobenzene	12.91	146	189	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	14.69	82	125	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	16.03	128	1271	N.D.		
16) Hexachlorobutadiene	16.59	225	562	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.56	162	199	N.D.		
20) Dimethylphthalate	20.64	163	307	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.84	152	345	N.D.		
23) Acenaphthene	21.40	153	378	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.77	149	396	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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Last Update : Wed Feb 13 11:43:23 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	25.81	178	815	N.D.	
34)	Anthracene	25.96	178	362	N.D.	
35)	Di-n-butylphthalate	27.71	149	11462	N.D.	
36)	Fluoranthene	29.44	202	369	N.D.	
39)	Pyrene	30.13	202	420	N.D.	
40)	Butylbenzylphthalate	32.26	149	175	N.D.	
41)	Benzo(a)anthracene	33.83	228	2586	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.03	149	2702	N.D.	
43)	Chrysene	33.90	228	1127	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.89	252	533	N.D.	
47)	Benzo(k)fluoranthene	36.96	252	579	N.D.	
48)	Benzo(a)pyrene	38.10	252	1817	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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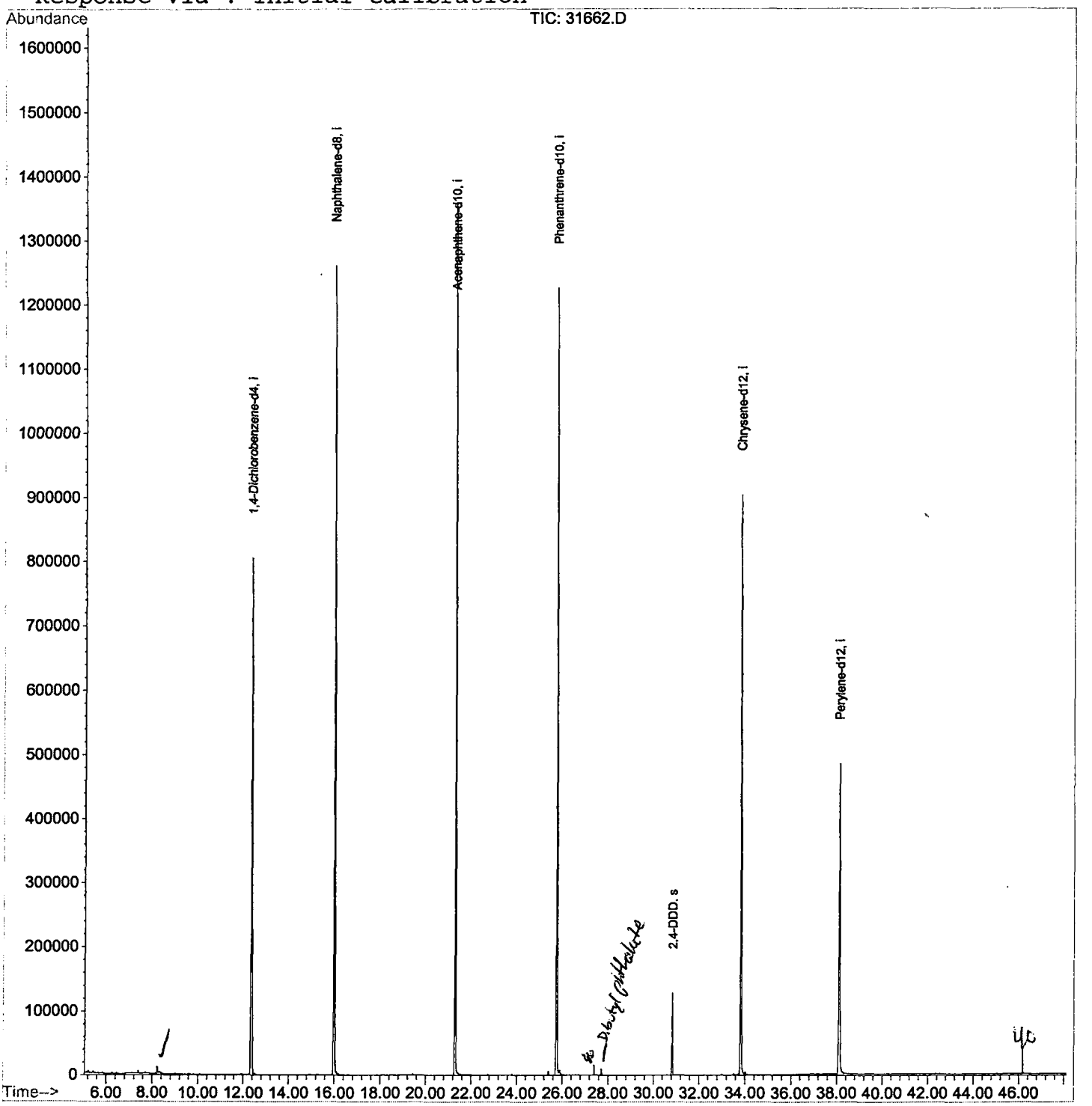
Acq On : 13 Feb 2002 8:05 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 15 9:58 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1302\31662.D Vial: 6
Acq On : 13 Feb 2002 8:05 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 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

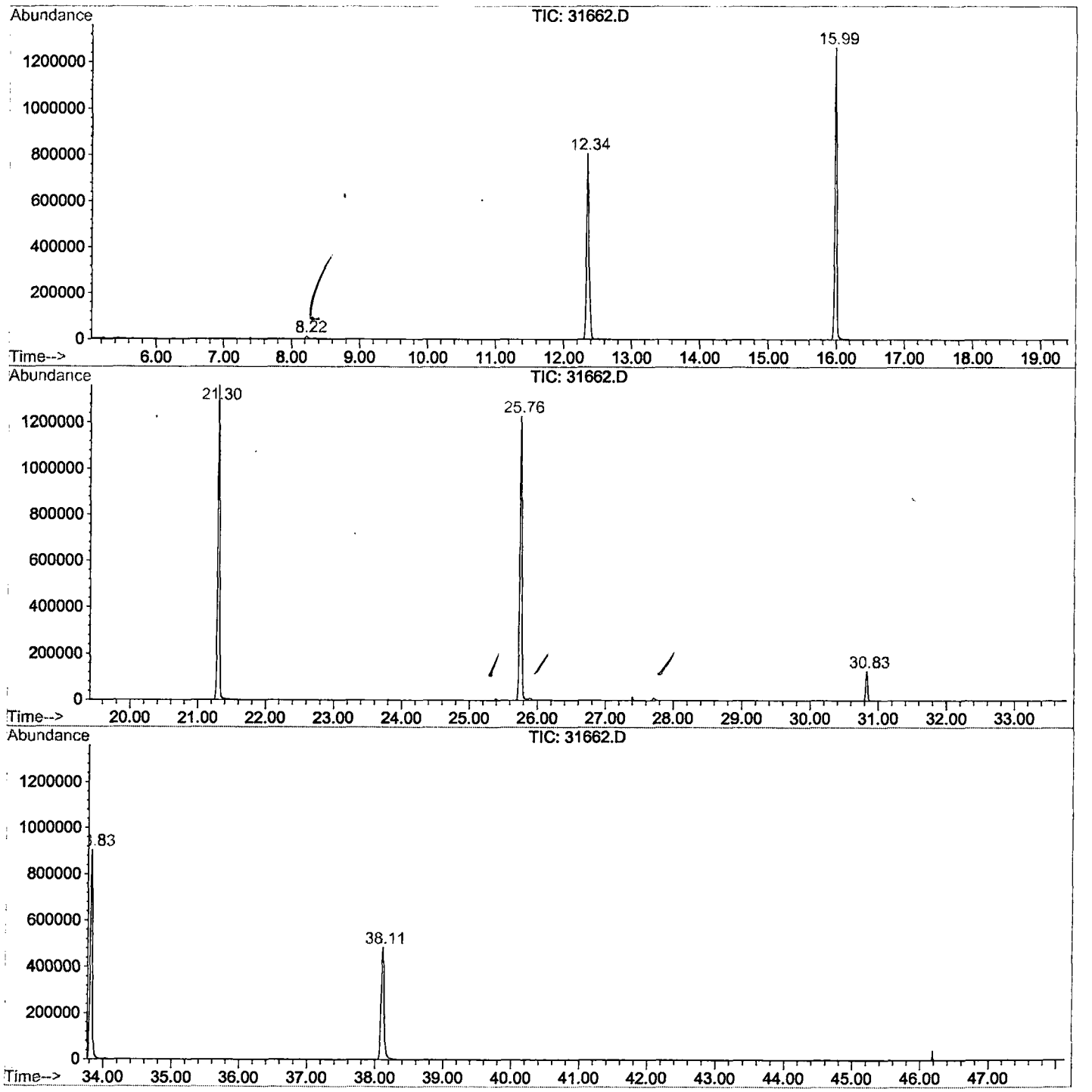
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.222	342	346	354	rBV	11439	29937	1.12%	0.221%
2	12.344	789	795	810	rVB	804578	1996796	74.92%	14.727%
3	15.989	1186	1192	1210	rBV	1261146	2494162	93.58%	18.395%
4	21.304	1765	1771	1783	rBV	1359234	2665160	100.00%	19.656%
5	25.757	2249	2256	2266	rBV	1226753	2624598	98.48%	19.357%
6	30.833	2804	2809	2814	rVB	128534	251159	9.42%	1.852%
7	33.826	3128	3135	3149	rBV	903777	2029252	76.14%	14.966%
8	38.113	3593	3602	3619	rBV2	483765	1467794	55.07%	10.825%

Sum of corrected areas: 13558858

31662.D GCMS0208.M Fri Feb 15 10:12:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1302\31662.D
Operator : 209 GALOS
Acquired : 13 Feb 2002 8:05 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 2/11
Misc Info :
Vial Number: 6
Quant File :GCMS0208.RES (RTE Integrator)



31662.D GCMS0208.M Fri Feb 15 10:12:06 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1302\31662.D
Acq On : 13 Feb 2002 8:05 pm
Sample : GC/MS SCAN 2/11
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

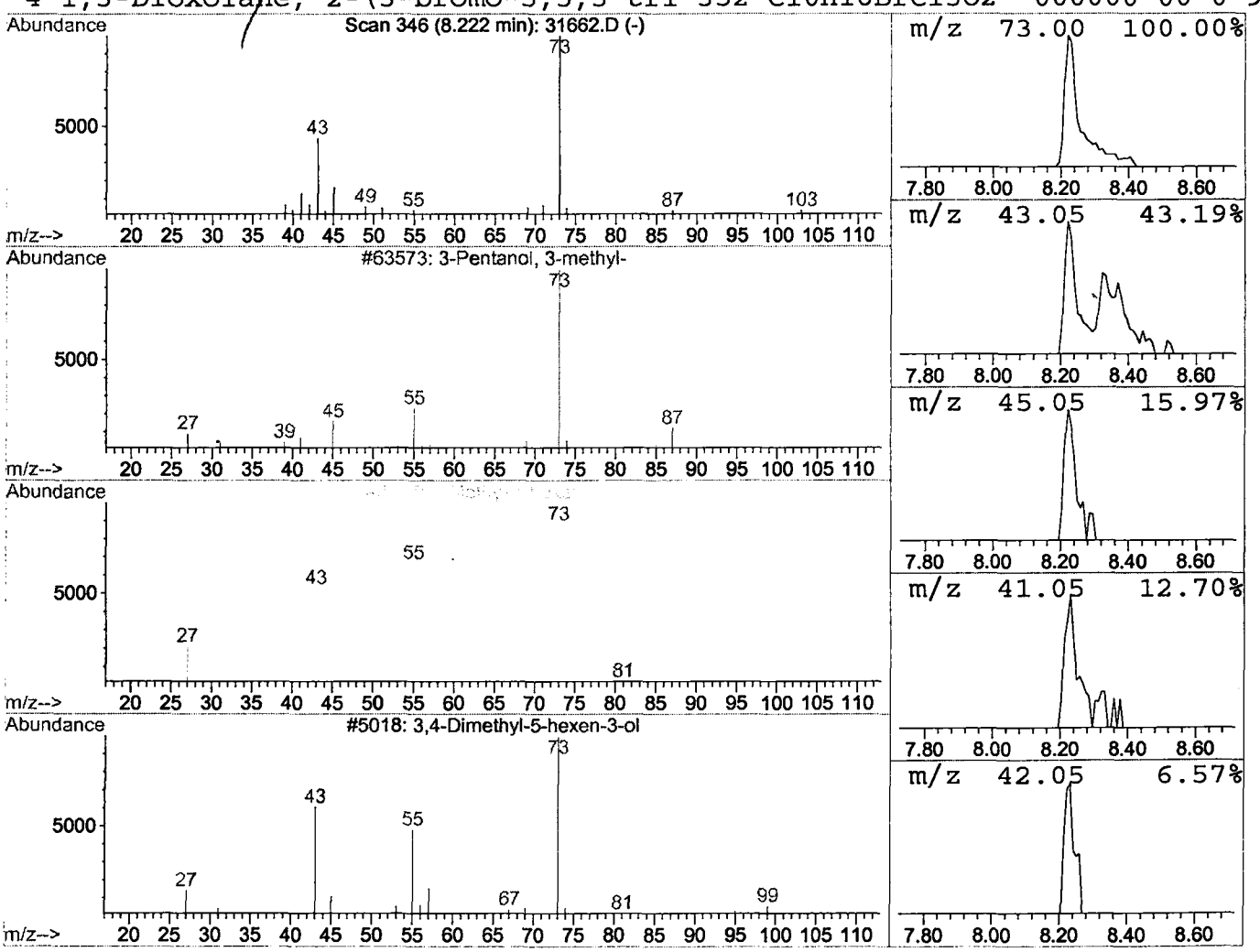
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	0.30 ug/l	29937	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
3	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	000000-00-0	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Feb 2002 8:05 pm
Data File: C:\HPCHEM\1\DATA\FEB1302\31662.D
Name: GC/MS SCAN 2/11
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	8.22	0.3	ug/l	29937	ISTD01	12.34	1996800	20.0

31662.D GCMS0208.M Fri Feb 15 10:12:15 2002