User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 14:38:28

Sample: AD30908
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 14:38 Ended: 1/28/02 14:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		109		5.0

Comments for Sample AD30908 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 15:14:12

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\DEC3101\30908.D Vial: 47
Acq On : 2 Jan 2002 10:28 am Operator: 209 GALOS
Sample : gcms scan 12/19a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 25 9:52 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	720876	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	2734061	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	1382069	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.99	188	2013356	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	1230554	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	685077	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	120420	5.44	ug/mL	0.00
Spiked Amount 5.000			Recovery = 108.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.30	74	203	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	15.34	128	1041	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	21.07	165	205	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30908.D Vial: 47
Acq On : 2 Jan 2002 10:28 am Operator: 209 GALOS
Sample : gcms scan 12/19a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 25 9:52 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	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	25.05	178	996	N.D.	
34)	Anthracene	25.05	178	996	N.D.	
35)	Di-n-butylphthalate	27.04	149	3601	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	33.02	228	3013	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	5043	N.D.	
43)	Chrysene	33.02	228	3013	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	37.11	252	2658	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.	

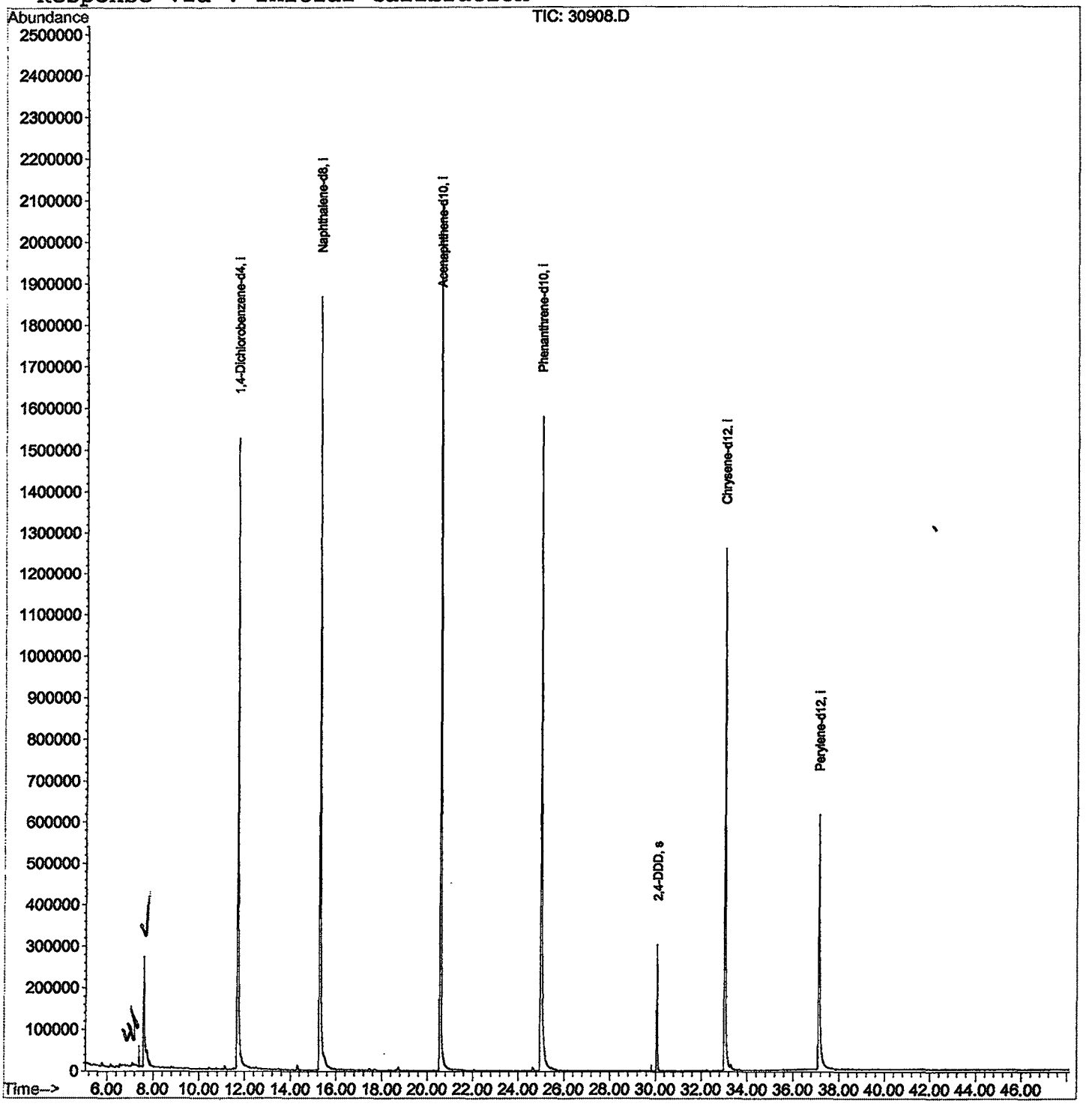
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30908.D
Acq On : 2 Jan 2002 10:28 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 25 9:52 2002

Vial: 47
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30908.D Vial: 47
Acq On : 2 Jan 2002 10:28 am Operator: 209 GALOS
Sample : gcms scan 12/19a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

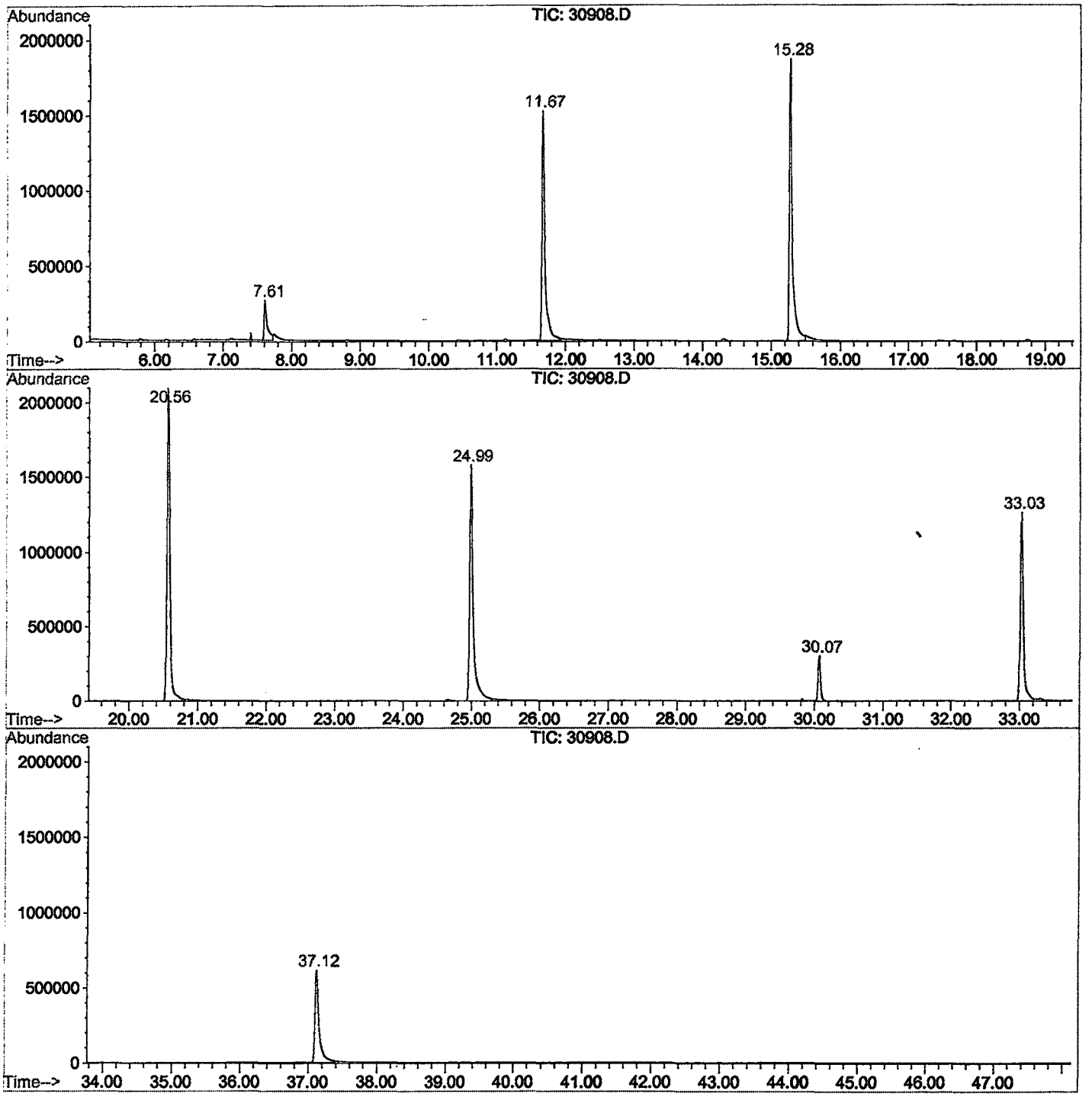
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.607	275	279	292	rBV	264800	836331	13.85%	2.831%
2	11.674	717	722	751	rBV	1521660	4477366	74.13%	15.154%
3	15.282	1109	1115	1138	rBV	1865686	5423928	89.80%	18.357%
4	20.560	1684	1690	1718	rBV	2098631	6039935	100.00%	20.442%
5	24.985	2166	2172	2208	rBV2	1578319	5619905	93.05%	19.021%
6	30.071	2719	2726	2738	rBV	302846	744997	12.33%	2.521%
7	33.027	3040	3048	3068	rBV2	1260985	3921995	64.93%	13.274%
8	37.122	3486	3494	3523	rBV	611521	2482070	41.09%	8.401%

Sum of corrected areas: 29546527

30908.D GCMS1126.M Fri Jan 25 11:36:52 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30908.D
Operator : 209 GALOS
Acquired : 2 Jan 2002 10:28 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/19a
Misc Info :
Vial Number: 47
Quant File :GCMS1126.RES (RTE Integrator)



30908.D GCMS1126.M Fri Jan 25 11:36:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30908.D
Acq On : 2 Jan 2002 10:28 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 47
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

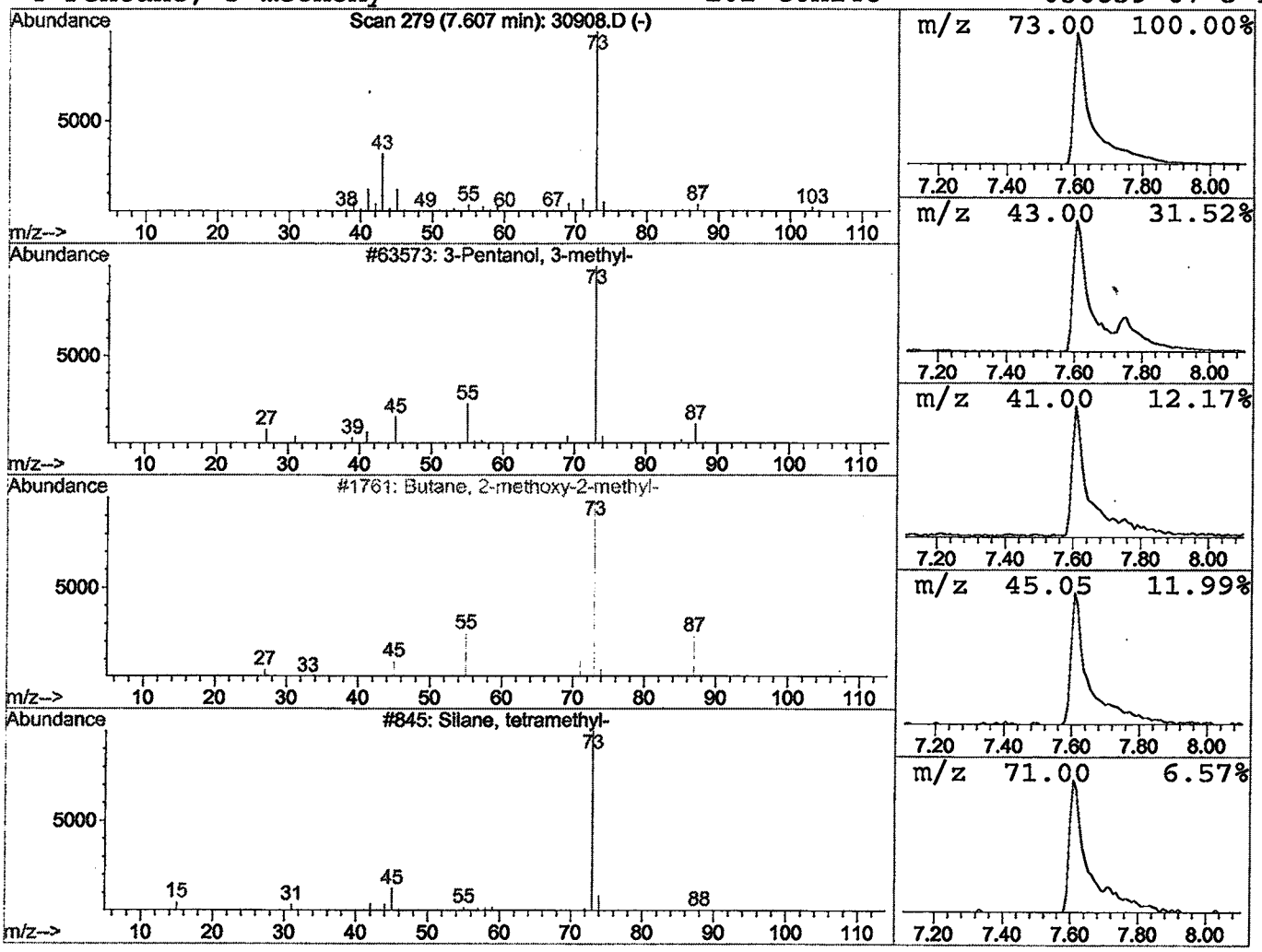
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.74 ug/l	836331	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Jan 2002 10:28 am
Data File: C:\HPCHEM\1\DATA\DEC3101\30908.D
Name: gcms scan 12/19a
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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-meth~~yl	7.61	3.7	ug/l	836331	ISTD01	11.67	4477370	20.0

30908.D GCMS1126.M Fri Jan 25 11:37:06 2002

column bleed