User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 14:53:22

Sample: AD30009
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 14:52 Ended: 1/9/02 14:52 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		5.0

Comments for Sample AD30009 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 14:53:57

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\30009.D Vial: 25
Acq On : 21 Dec 2001 2:14 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 8:52 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	1015152	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3909190	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1928176	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2764316m	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1744260	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1164632	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	142827	3.57	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 71.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.34	74	259	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	13.37	77	122	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	1327	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	21.23	165	178	N.D.		
25) Diethylphthalate	22.11	149	1102	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\DEC2101\30009.D Vial: 25
Acq On : 21 Dec 2001 2:14 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 8:52 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

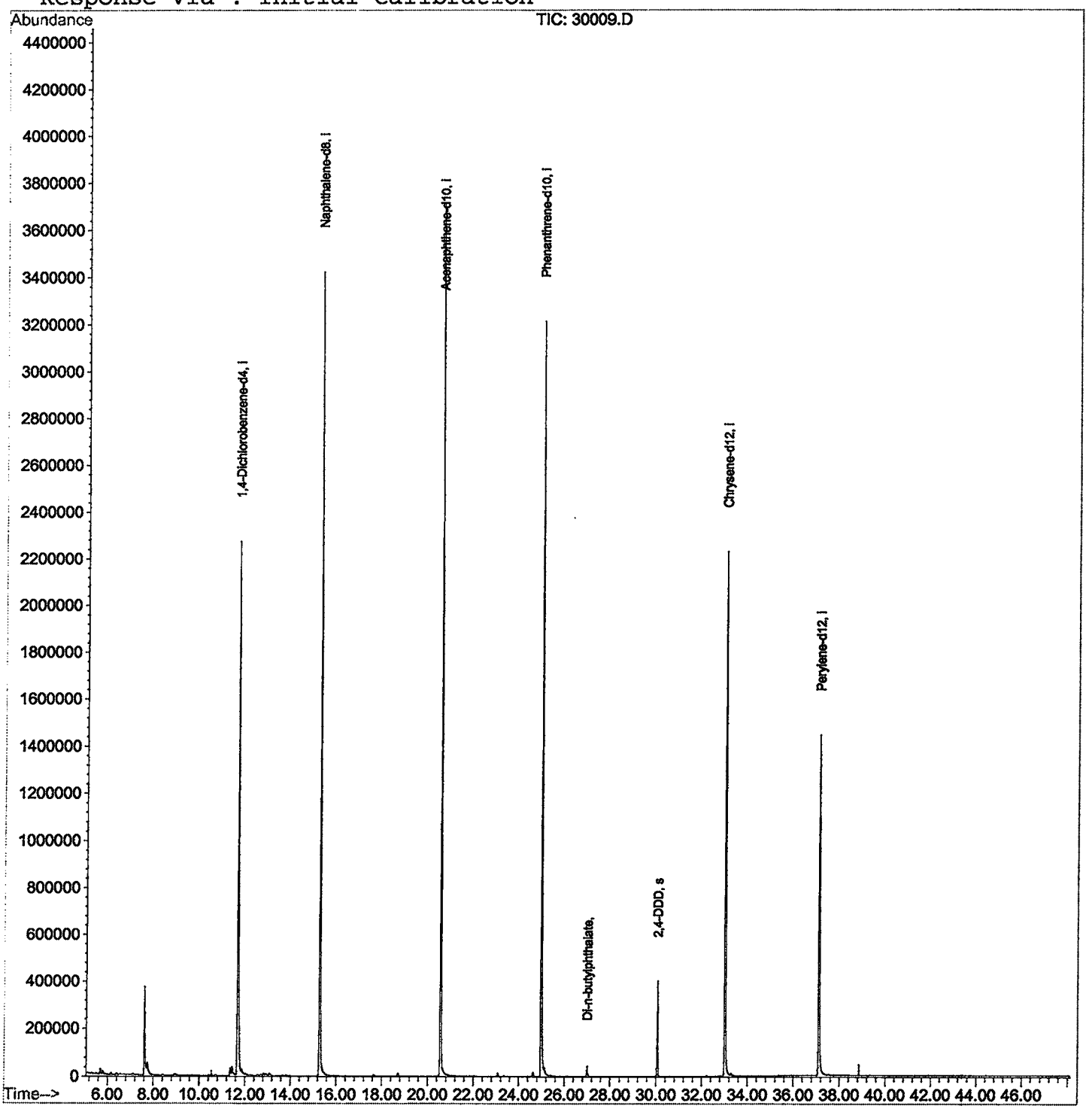
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	219	N.D.	
34)	Anthracene	25.04	178	219	N.D.	
35)	Di-n-butylphthalate	27.00	149	63656	0.33 ug/l #	
36)	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	4296	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	7657	N.D.	
43)	Chrysene	33.02	228	4296	N.D.	
45)	Di-n-Octylphthalate	35.05	149	404	N.D.	
46)	Benzo(b)fluoranthene	36.16	252	303	N.D.	
47)	Benzo(k)fluoranthene	36.09	252	193	N.D.	
48)	Benzo(a)pyrene	37.11	252	4788	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\DEC2101\30009.D Vial: 25
Acq On : 21 Dec 2001 2:14 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 8:52 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30009.D Vial: 12
Acq On : 27 Dec 2001 10:51 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/12A 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

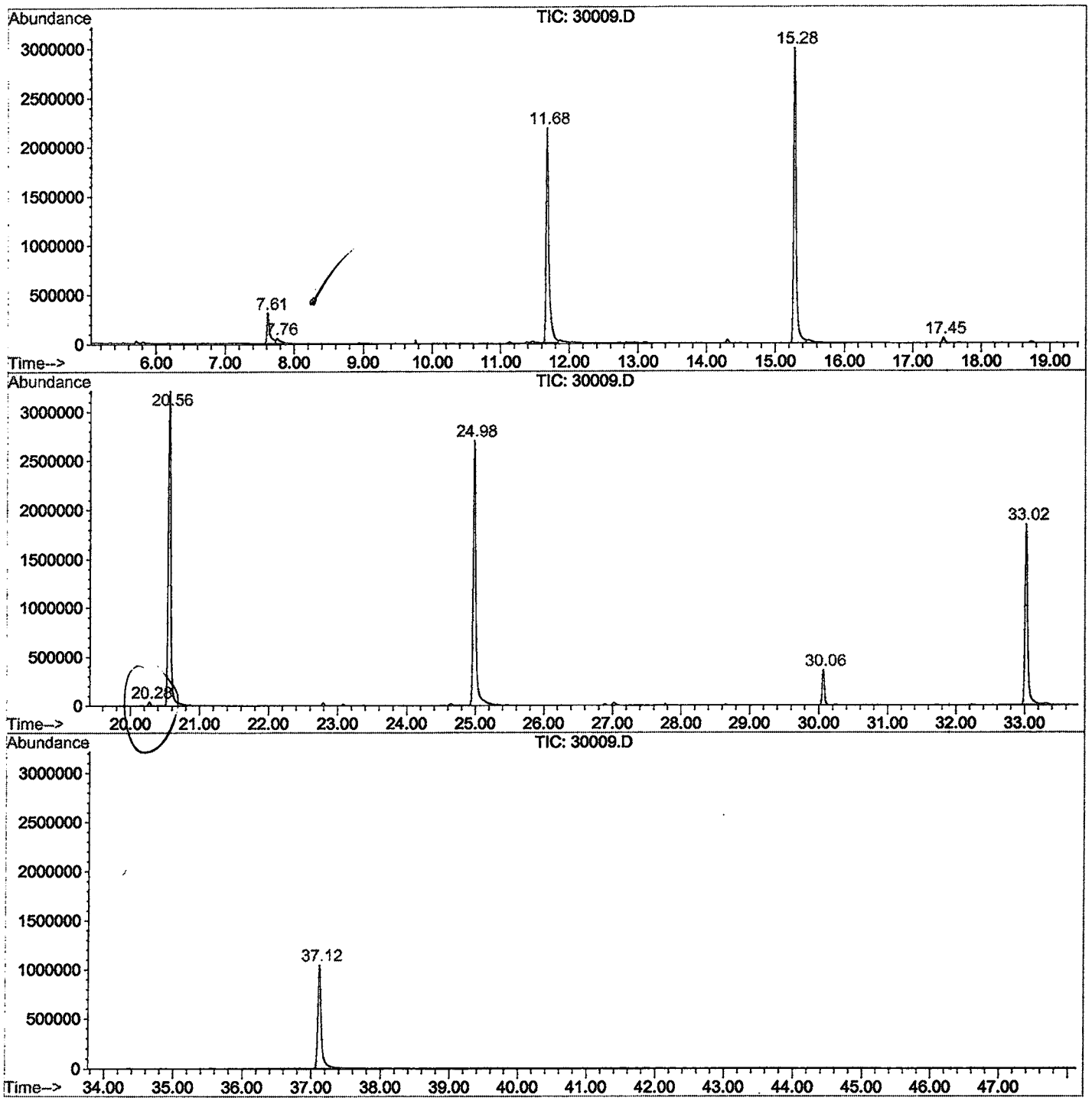
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.610	275	279	292	rBV	306424	929924	11.78%	2.347%
2	7.756	292	295	316	rVB	50914	228077	2.89%	0.576%
3	11.676	717	722	740	rBV	2180309	6000026	76.00%	15.145%
4	15.275	1109	1114	1133	rBV	2991229	7430133	94.11%	18.755%
5	17.451	1343	1351	1357	rBV2	55259	116478	1.48%	0.294%
6	20.278	1653	1659	1664	rBV	39349	83380	1.06%	0.210%
7	20.563	1683	1690	1714	rBV	3216434	7895096	100.00%	19.928%
8	24.979	2164	2171	2201	rBV2	2702751	7446013	94.31%	18.795%
9	30.065	2719	2725	2735	rBV	361890	821243	10.40%	2.073%
10	33.021	3040	3047	3067	rBV2	1844964	5112218	64.75%	12.904%
11	37.115	3486	3493	3527	rBV2	1040885	3554800	45.03%	8.973%

Sum of corrected areas: 39617388

30009.D GCMS1126.M Wed Jan 02 09:45:40 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2701\30009.D
Operator : 209 GALOS
Acquired : 27 Dec 2001 10:51 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 12/12A
Misc Info :
Vial Number: 12
Quant File :GCMS1126.RES (RTE Integrator)



30009.D GCMS1126.M Wed Jan 02 09:45:46 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30009.D
Acq On : 27 Dec 2001 10:51 pm
Sample : GC/MS SCAN 12/12A
Misc :
MS Integration Params: LSCINT.P

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

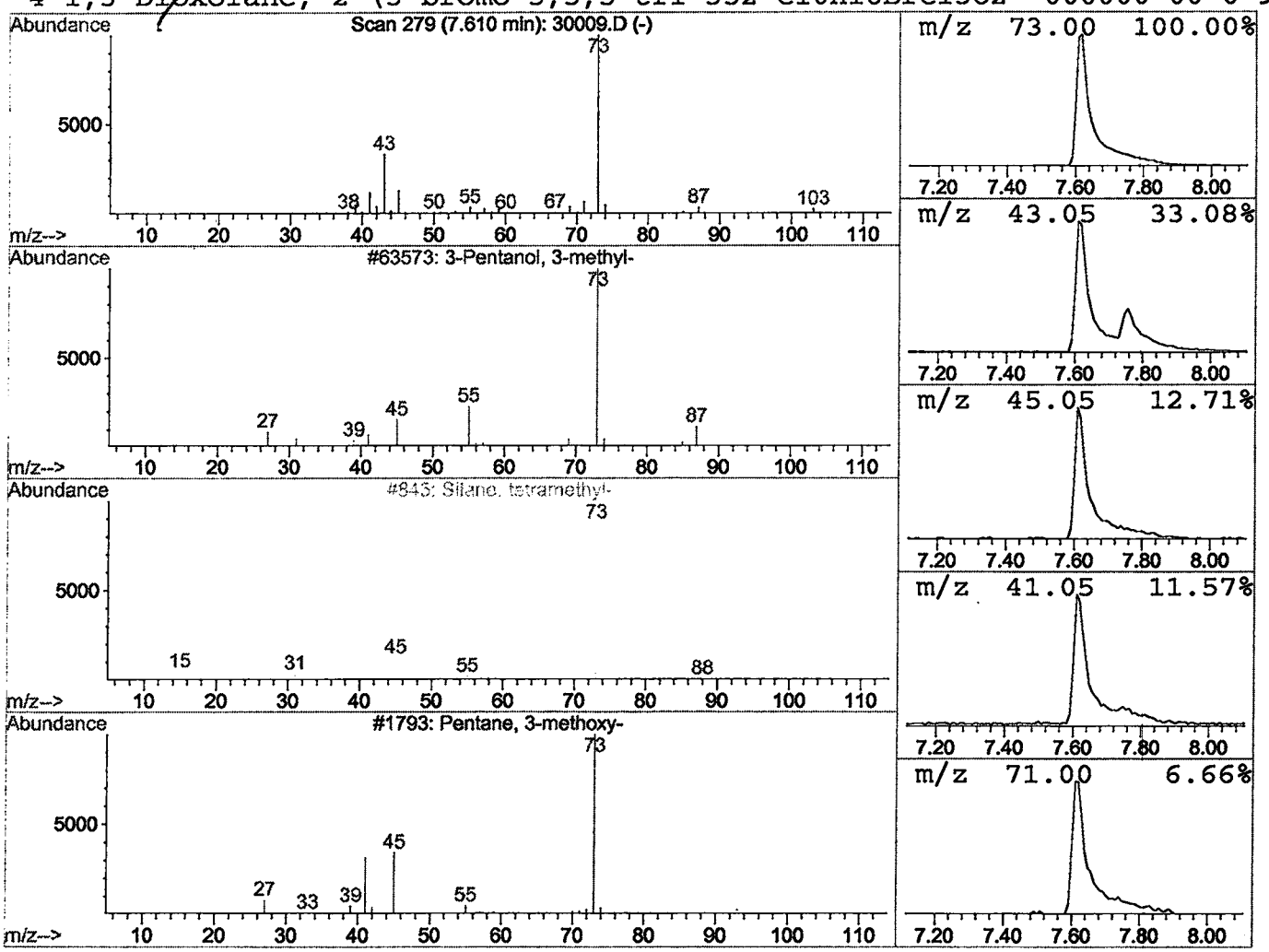
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.10 ug/l	929924	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30009.D
Acq On : 27 Dec 2001 10:51 pm
Sample : GC/MS SCAN 12/12A
Misc :
MS Integration Params: LSCINT.P

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

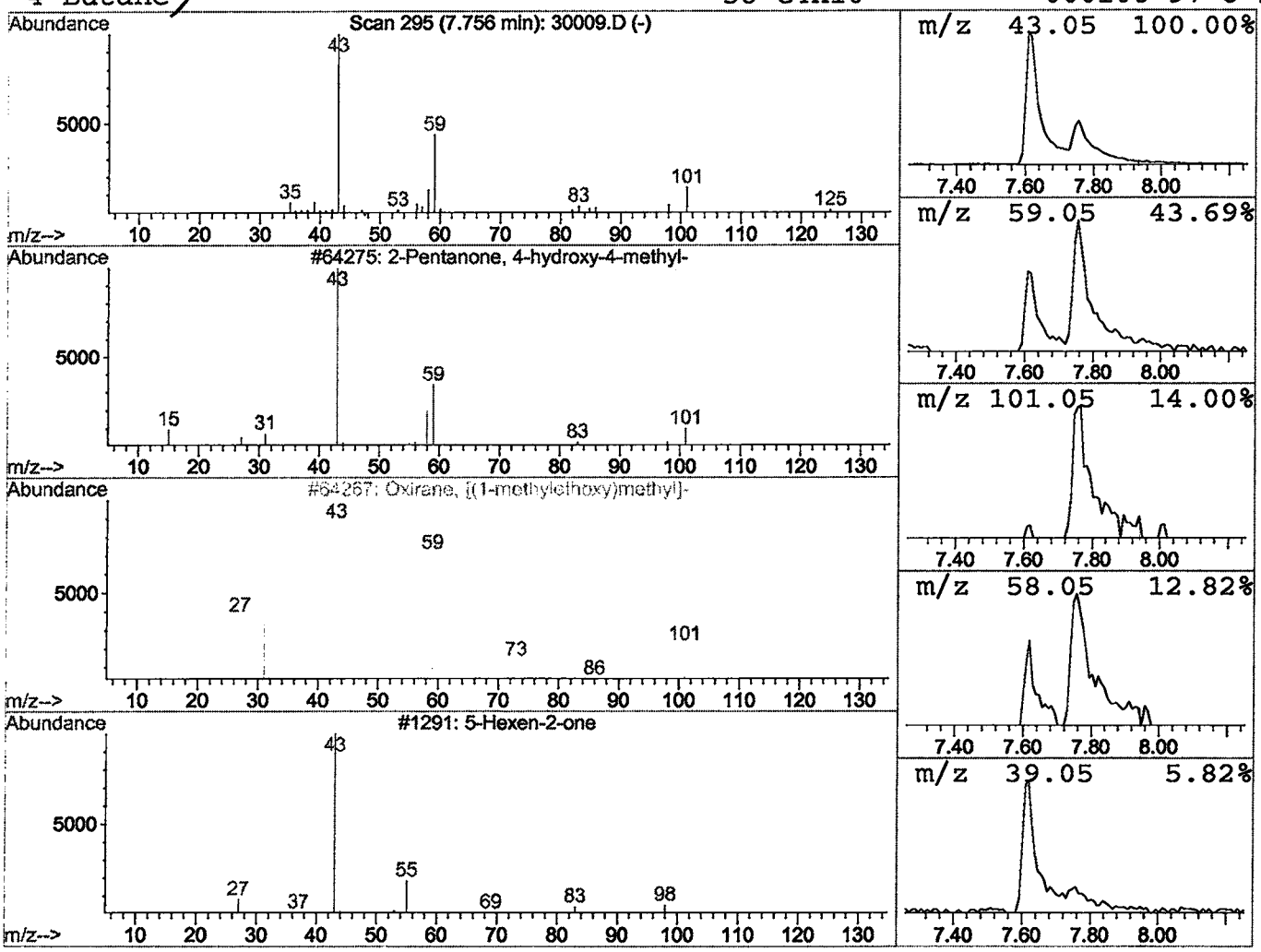
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	0.76 ug/l	228077	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	36
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane	58	C4H10	000106-97-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 27 Dec 2001 10:51 pm
Data File: C:\HPCHEM\1\DATA\DEC2701\30009.D
Name: GC/MS SCAN 12/12A
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-methyl	7.61	3.1	ug/l	929924	ISTD01	11.68	6000030	20.0
2-Pentanone, 4-hydro	7.76	0.8	ug/l	228077	ISTD01	11.68	6000030	20.0

30009.D GCMS1126.M Wed Jan 02 09:46:00 2002