User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/22/2002 Time: 10:11:30

Sample: AD29284
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/22/02 10:11 Ended: 1/22/02 10:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		5.0

Comments for Sample AD29284 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-22-2002 Time: 10:12:09

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 above its acceptance range. This sample was received with a pH of less than 2.

Quantitation Report (~~Not~~ Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29284.D Vial: 24
Acq On : 4 Jan 2002 8:56 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 9:45 2002 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 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.53	152	665626	20.00	ug/l	-0.17
10) Naphthalene-d8	15.12	136	2611111	20.00	ug/l	-0.19
17) Acenaphthene-d10	20.39	164	1324591	20.00	ug/l	-0.19
29) Phenanthrene-d10	24.80	188	1831142	20.00	ug/l	-0.19
38) Chrysene-d12	32.84	240	1005529	20.00	ug/l	-0.20
44) Perylene-d12	36.90	264	588697	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	94603	4.70	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 94.00%			
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	13.91	82	221	N.D.		
13) bis(2-Chloroethoxy)methane	14.59	93	195	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.18	128	1835	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	19.79	163	625	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	19.95	152	489	N.D.		
23) Acenaphthene	20.48	153	451	N.D.		
24) 2,4-Dinitrotoluene	20.68	165	358	N.D.		
25) Diethylphthalate	21.91	149	4275	N.D.		
26) 4-Chlorophenyl-phenylether	22.04	204	383	N.D.		
27) Fluorene	22.01	166	635	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

(#) = qualifier out of range (m) = manual integration
29284.D GCMS0103.M Thu Jan 10 12:15:07 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29284.D Vial: 24
Acq On : 4 Jan 2002 8:56 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 9:45 2002 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 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

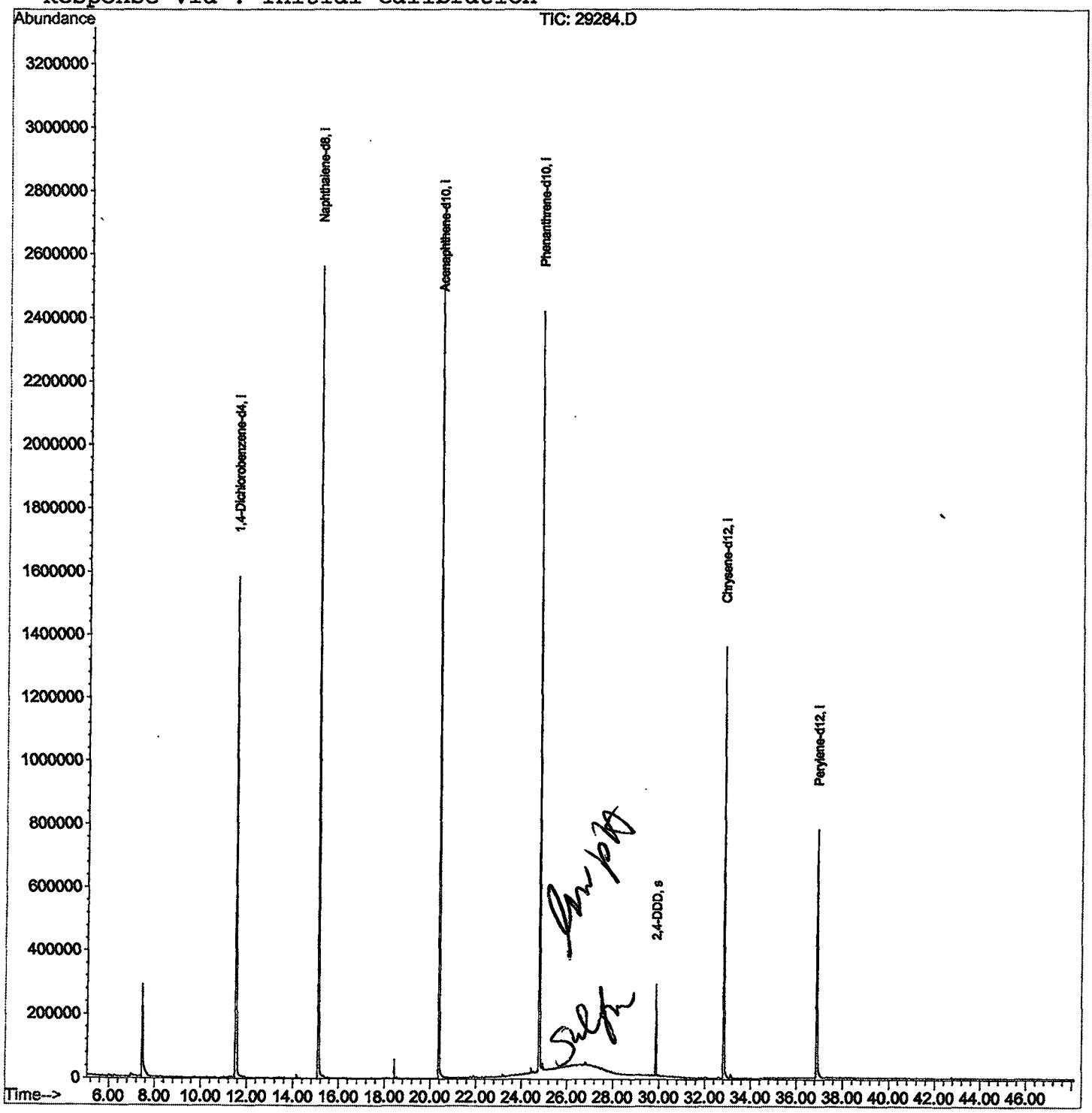
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.87	178	1387	N.D.	
34)	Anthracene	25.00	178	862	N.D.	
35)	Di-n-butylphthalate	26.83	149	8113	N.D.	
36)	Fluoranthene	28.50	202	1070	N.D.	
39)	Pyrene	29.16	202	1181	N.D.	
40)	Butylbenzylphthalate	31.32	149	208	N.D.	
41)	Benzo(a)anthracene	32.83	228	3114	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	7452	N.D.	
43)	Chrysene	32.92	228	862	N.D.	
45)	Di-n-Octylphthalate	34.87	149	501	N.D.	
46)	Benzo(b)fluoranthene	35.87	252	924	N.D.	
47)	Benzo(k)fluoranthene	35.87	252	1043	N.D.	
48)	Benzo(a)pyrene	36.75	252	1170	N.D.	
49)	Indeno(1,2,3-cd)pyrene	40.52	276	1922	N.D.	
50)	Dibenz(a,h)anthracene	40.63	278	419	N.D.	
51)	Benzo(g,h,i)perylene	41.56	276	2629	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29284.D Vial: 24
Acq On : 4 Jan 2002 8:56 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 9:45 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29284.D Vial: 24
Acq On : 4 Jan 2002 8:56 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

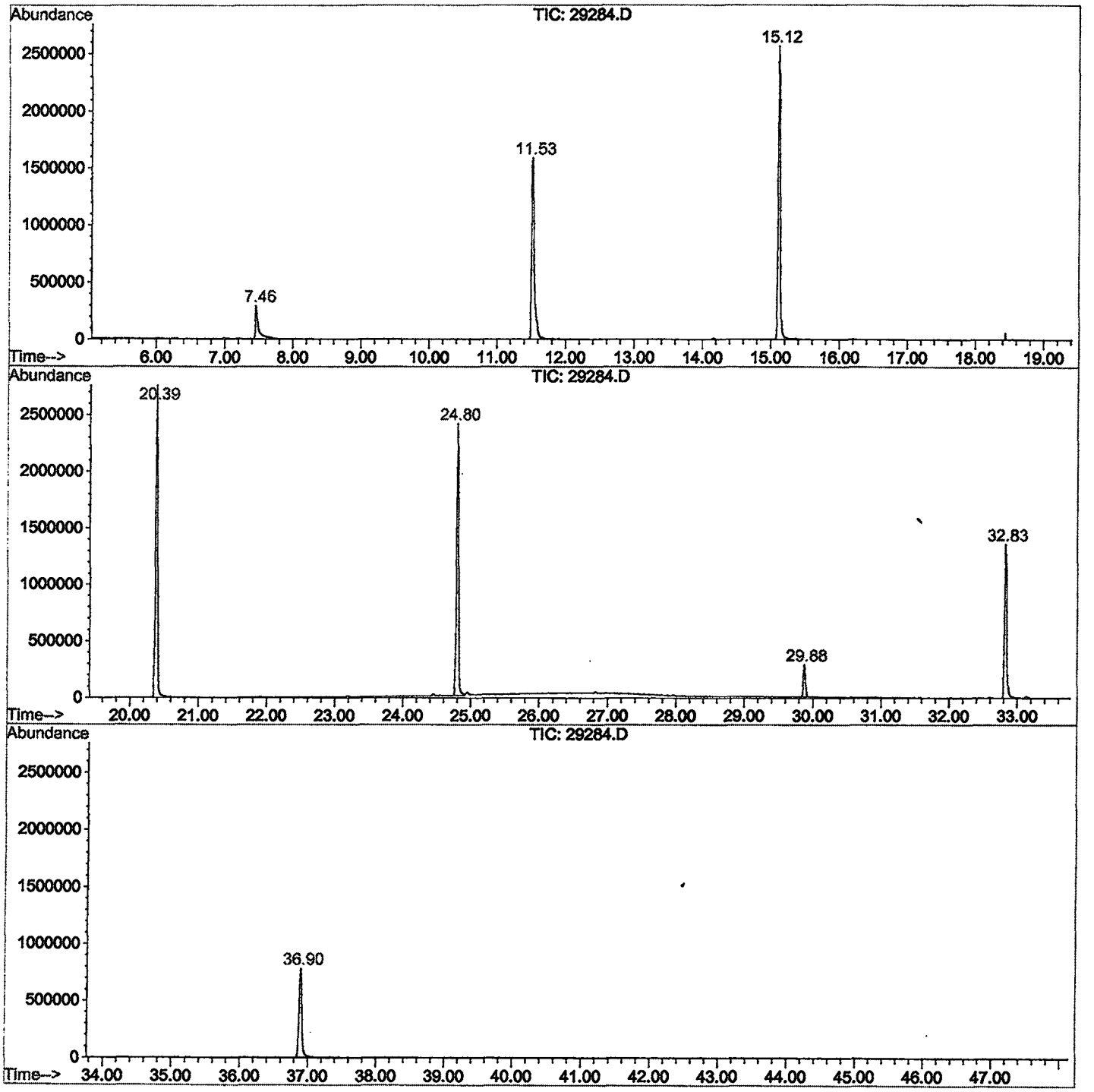
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.461	259	263	294	rBV	289140	890072	16.05%	3.280%
2	11.528	701	706	727	rBV	1582711	4160897	75.03%	15.333%
3	15.118	1092	1097	1117	rBV	2560915	5332127	96.15%	19.648%
4	20.387	1665	1671	1688	rBV	2758282	5545464	100.00%	20.435%
5	24.803	2146	2152	2164	rBV2	2400433	5175657	93.33%	19.072%
6	29.880	2700	2705	2713	rVB	285643	583743	10.53%	2.151%
7	32.826	3020	3026	3043	rBV2	1360605	3260580	58.80%	12.015%
8	36.902	3463	3470	3487	rBV2	778515	2189168	39.48%	8.067%

Sum of corrected areas: 27137708

29284.D GCMS0103.M Fri Jan 11 08:28:49 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\29284.D
Operator : 209 GALOS
Acquired : 4 Jan 2002 8:56 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2
Misc Info :
Vial Number: 24
Quant File :GCMS1126.RES (RTE Integrator)



29284.D GCMS0103.M Fri Jan 11 08:28:54 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29284.D
Acq On : 4 Jan 2002 8:56 am
Sample : gcms scan 1/2
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

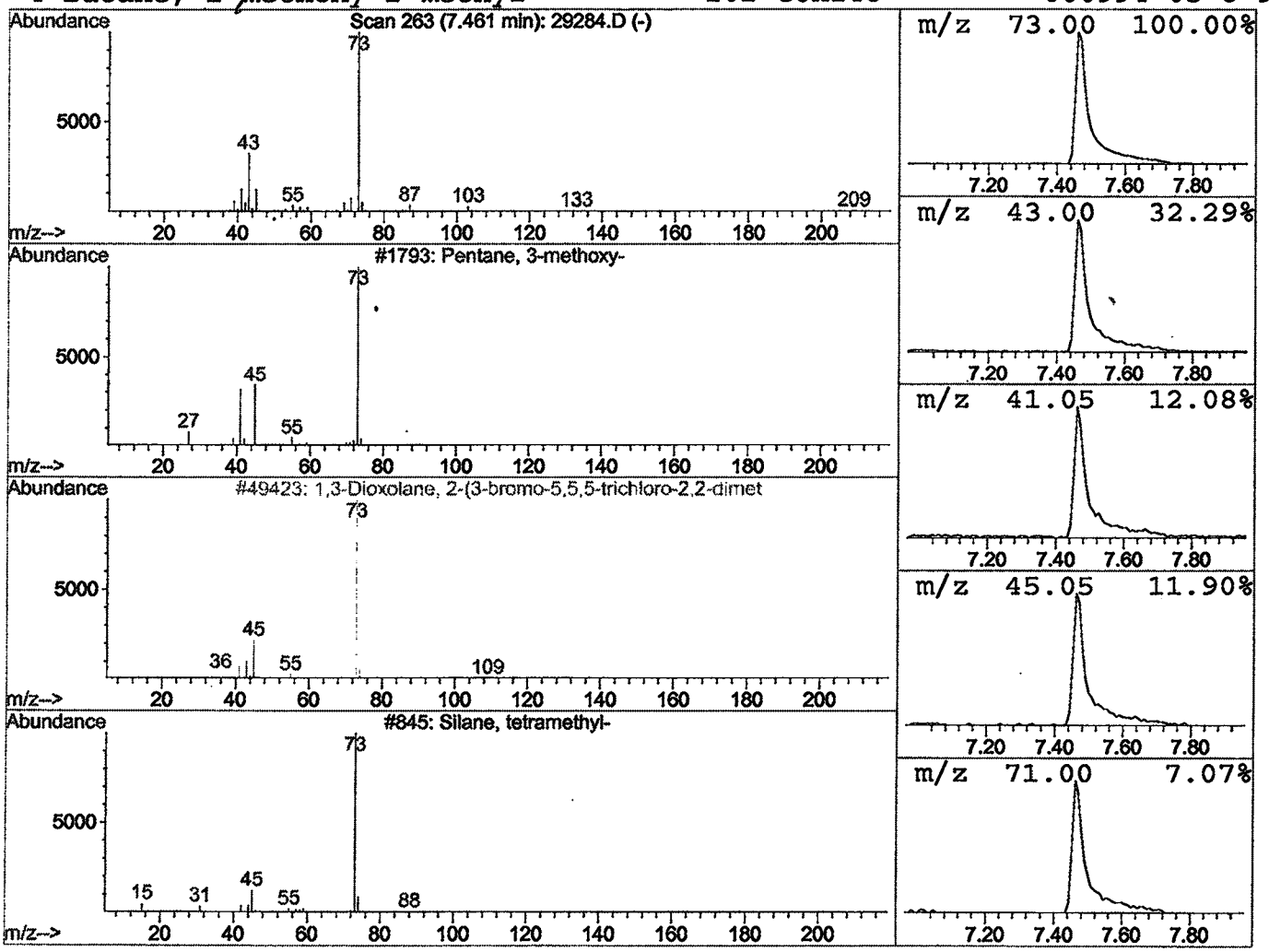
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	4.28 ug/l	890072	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Jan 2002 8:56 am
Data File: C:\HPCHEM\1\DATA\JAN0302\29284.D
Name: gcms scan 1/2
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
Pentane, 3-methoxy-	7.46	4.3	ug/l	890072	ISTD01	11.53	4160900	20.0

29284.D GCMS0103.M Fri Jan 11 08:29:04 2002