NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/22/2002 Time: 10:13:13

Sample: AD29286
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/22/02 10:12 Ended: 1/22/02 10:12 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		110		5.0

Comments for Sample AD29286 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-22-2002 Time: 10:13:46

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.

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Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29286.D Vial: 29
Acq On : 4 Jan 2002 1:48 pm 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 14:36 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	11.52	152	672282	20.00	ug/l	-0.18
10) Naphthalene-d8	15.12	136	2636271	20.00	ug/l	-0.18
17) Acenaphthene-d10	20.39	164	1337363	20.00	ug/l	-0.18
29) Phenanthrene-d10	24.81	188	1865459	20.00	ug/l	-0.18
38) Chrysene-d12	32.83	240	1104431	20.00	ug/l	-0.20
44) Perylene-d12	36.90	264	627726	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	112307	5.48	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 109.60%			
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	15.18	128	1662	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	20.70	165	280	N.D.		
25) Diethylphthalate	21.92	149	1101	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

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Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29286.D Vial: 29
Acq On : 4 Jan 2002 1:48 pm 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 14:36 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	24.86	178	767	N.D.	
34)	Anthracene	24.86	178	767	N.D.	
35)	Di-n-butylphthalate	26.83	149	5948	N.D.	
36)	Fluoranthene	28.50	202	180	N.D.	
39)	Pyrene	29.18	202	234	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	32.84	228	2746	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.14	149	2403	N.D.	
43)	Chrysene	32.90	228	424	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	35.95	252	178	N.D.	
47)	Benzo(k)fluoranthene	35.95	252	178	N.D.	
48)	Benzo(a)pyrene	36.90	252	2671	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

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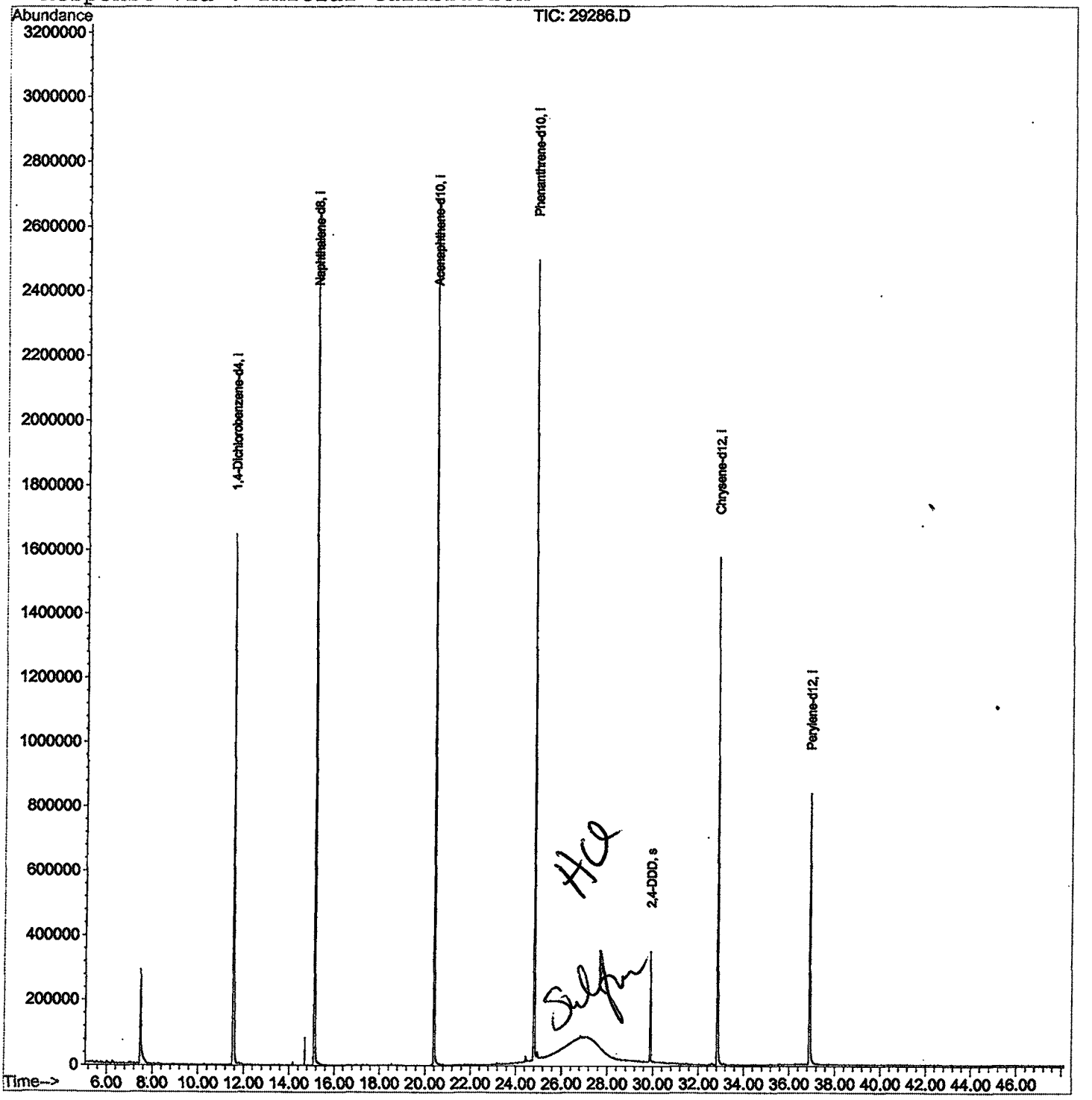
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29286.D Vial: 29
Acq On : 4 Jan 2002 1:48 pm 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 14:36 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



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29286.D Vial: 29
Acq On : 4 Jan 2002 1:48 pm 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	7.466	260	264	297	rVB	289839	879777	15.73%	3.151%
2	11.523	701	706	722	rBV	1647419	4186867	74.85%	14.998%
3	15.122	1092	1098	1117	rBV	2593135	5376420	96.11%	19.259%
4	20.392	1666	1672	1694	rBV	2683838	5594048	100.00%	20.038%
5	24.807	2146	2153	2165	rBV2	2479808	5252176	93.89%	18.814%
6	29.884	2701	2706	2713	rBV	338837	699314	12.50%	2.505%
7	32.831	3021	3027	3047	rBV2	1572901	3577970	63.96%	12.816%
8	36.898	3464	3470	3489	rBV2	836099	2350481	42.02%	8.420%

Sum of corrected areas: 27917053

29286.D GCMS0103.M Fri Jan 11 08:29:27 2002

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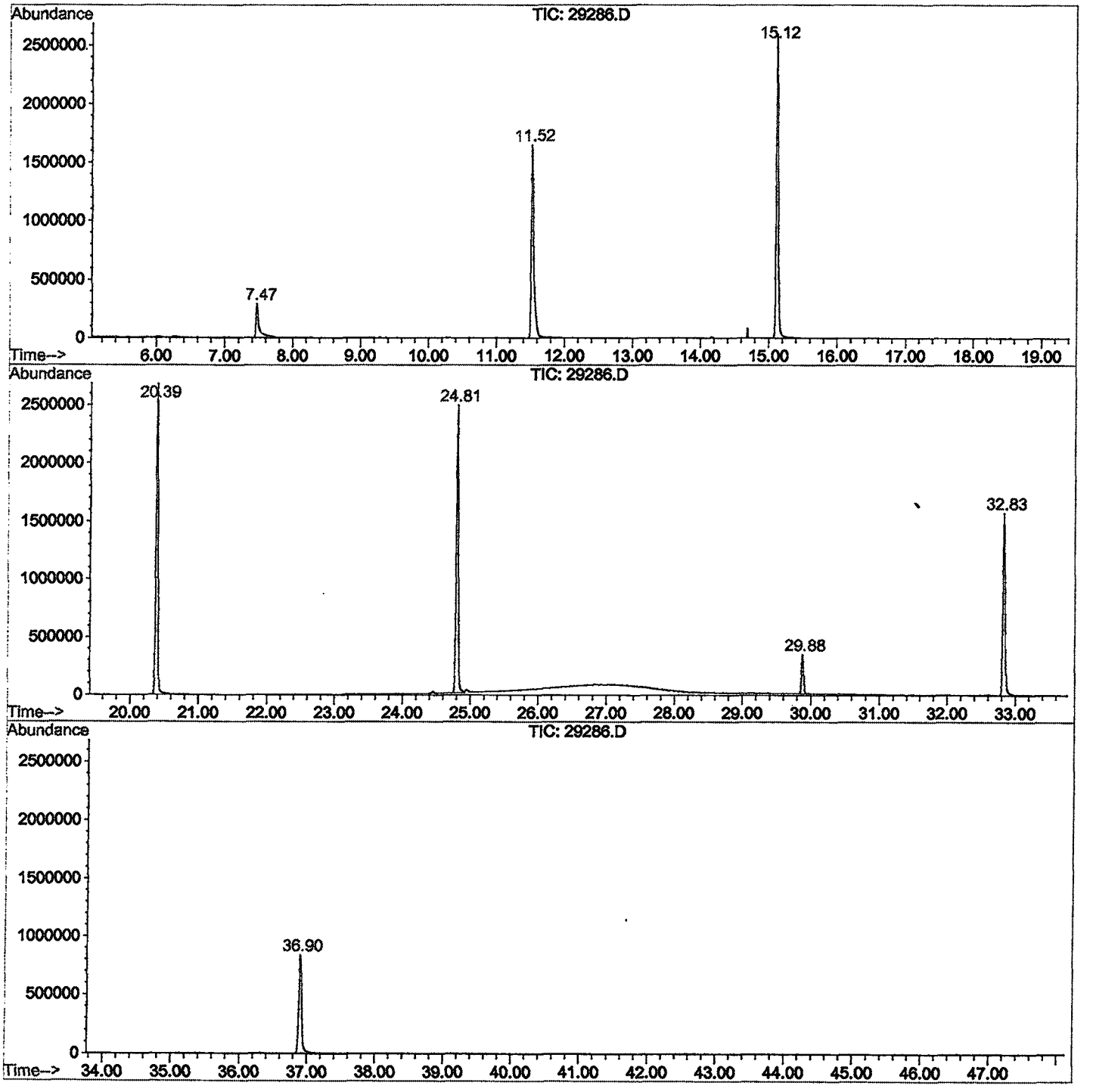
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\29286.D
Operator : 209 GALOS
Acquired : 4 Jan 2002 1:48 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2
Misc Info :
Vial Number: 29
Quant File :GCMS1126.RES (RTE Integrator)



29286.D GCMS0103.M Fri Jan 11 08:29:32 2002

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29286.D
Acq On : 4 Jan 2002 1:48 pm
Sample : gcms scan 1/2
Misc :
MS Integration Params: LSCINT.P

Vial: 29
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

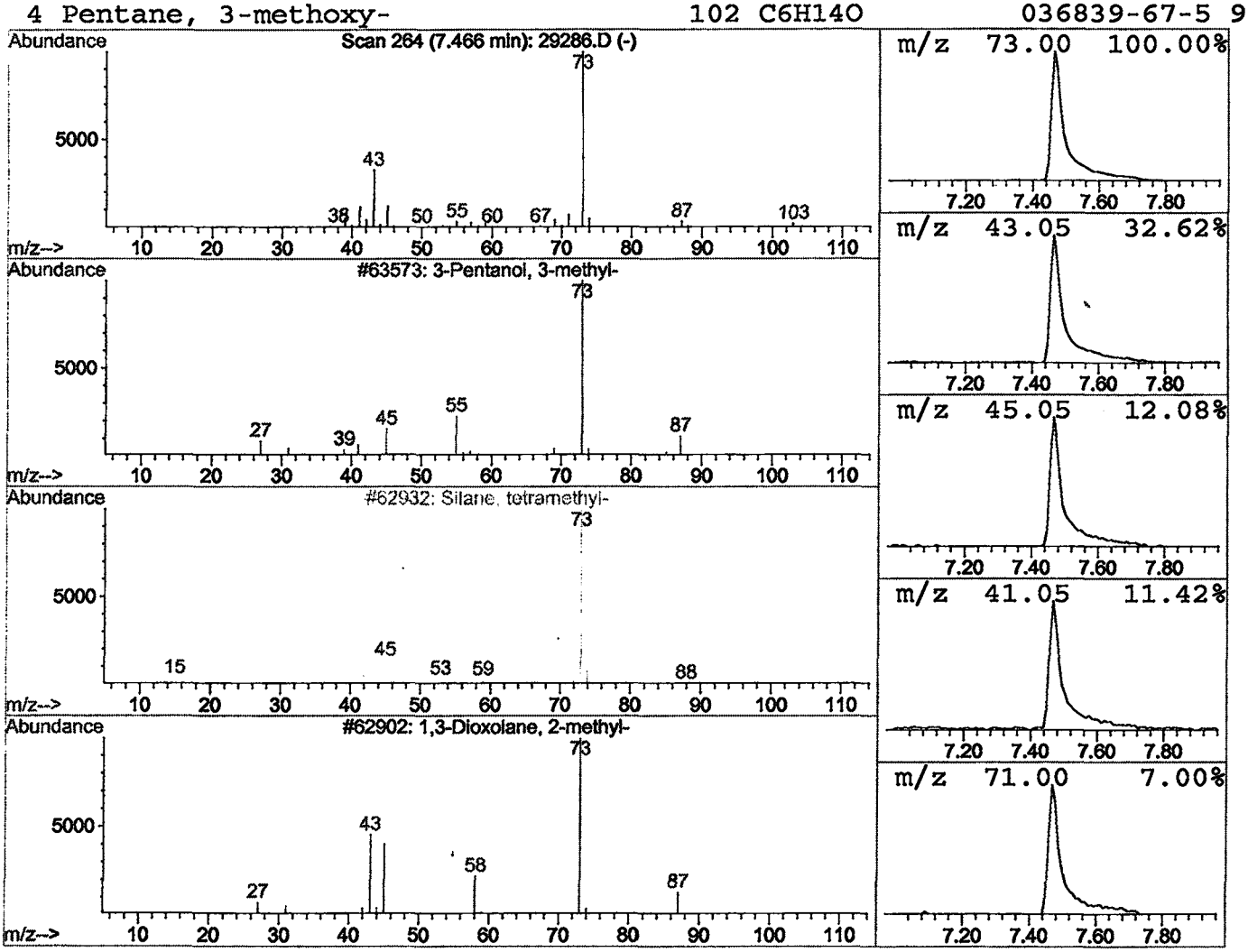
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	4.20 ug/l	879777	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Jan 2002 1:48 pm
Data File: C:\HPCHEM\1\DATA\JAN0302\29286.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
3-Pentanol, 3-methyl	7.47	4.2	ug/l	879777	ISTD01	11.52	4186870	20.0

29286.D GCMS0103.M Fri Jan 11 08:29:41 2002