User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 13:20:09

Sample: AD30314
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 13:19 Ended: 1/9/02 13:19 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		5.0

Comments for Sample AD30314 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 13:20:20

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 8 of the 43 compounds in the LCS Standard were above their acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\30314.D Vial: 5
Acq On : 22 Dec 2001 10:45 am Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 22 11:34 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	962336	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3687432	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1795677	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2642796	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1428897	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	897389	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	147106	3.85	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 77.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.19	74	756	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	11.71	146	174	N.D.		
5) 1,4-Dichlorobenzene	11.71	146	174	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	1951	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	20.57	153	112	N.D.		
24) 2,4-Dinitrotoluene	21.07	165	607	N.D.		
25) Diethylphthalate	22.11	149	903	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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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	719	N.D.	
34)	Anthracene	25.04	178	719	N.D.	
35)	Di-n-butylphthalate	27.01	149	6630	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	33.01	228	5483	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	2096	N.D.	
43)	Chrysene	33.01	228	5483	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.14	252	199	N.D.	
47)	Benzo(k)fluoranthene	36.09	252	109	N.D.	
48)	Benzo(a)pyrene	37.11	252	3735	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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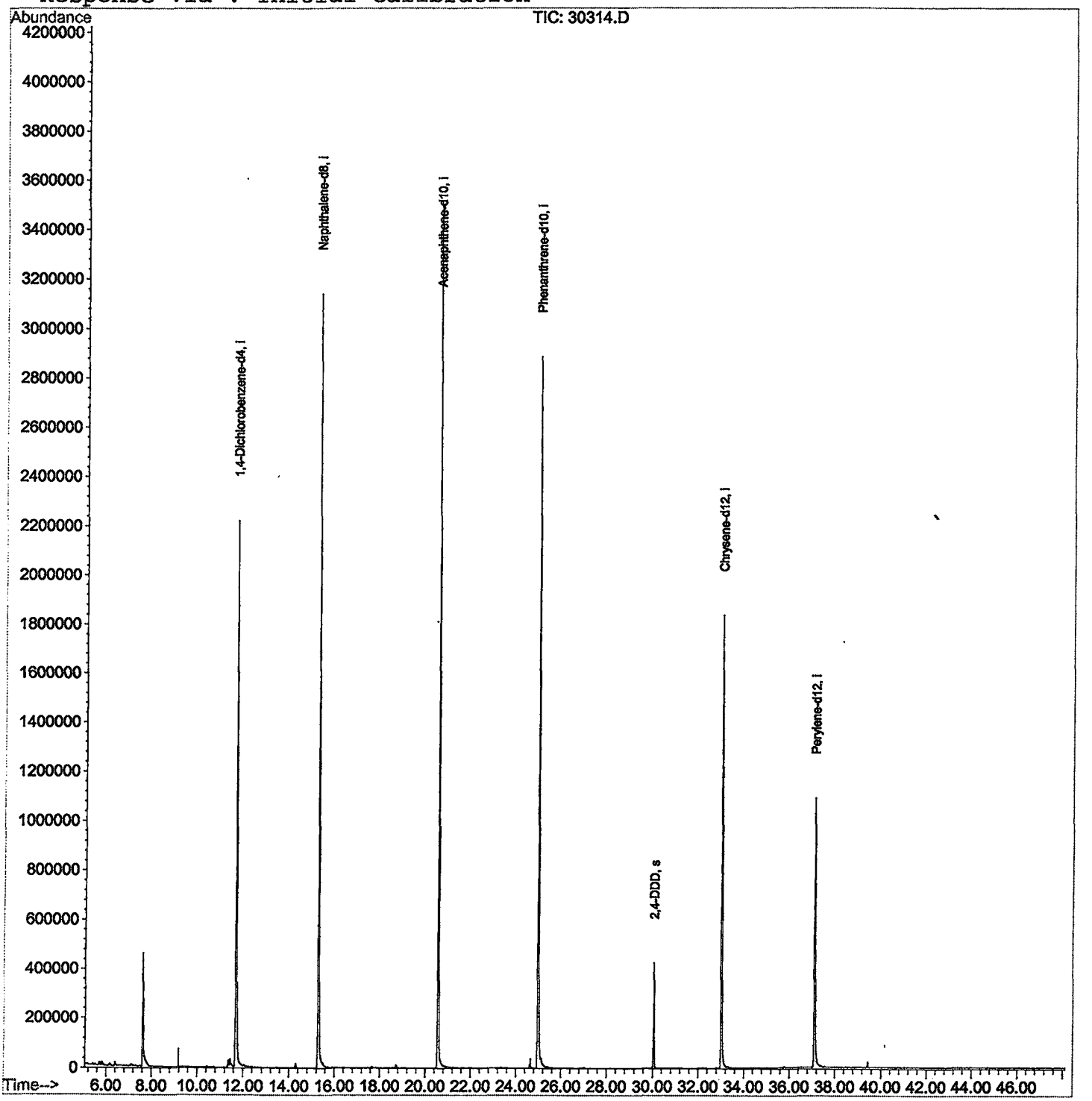
Acq On : 22 Dec 2001 10:45 am Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 22 11:34 2001 Quant Results File: GCMS1126.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30314.D Vial: 5
Acq On : 22 Dec 2001 10:45 am Operator: 209 GALOS
Sample : gc/ms scan 12/13a 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

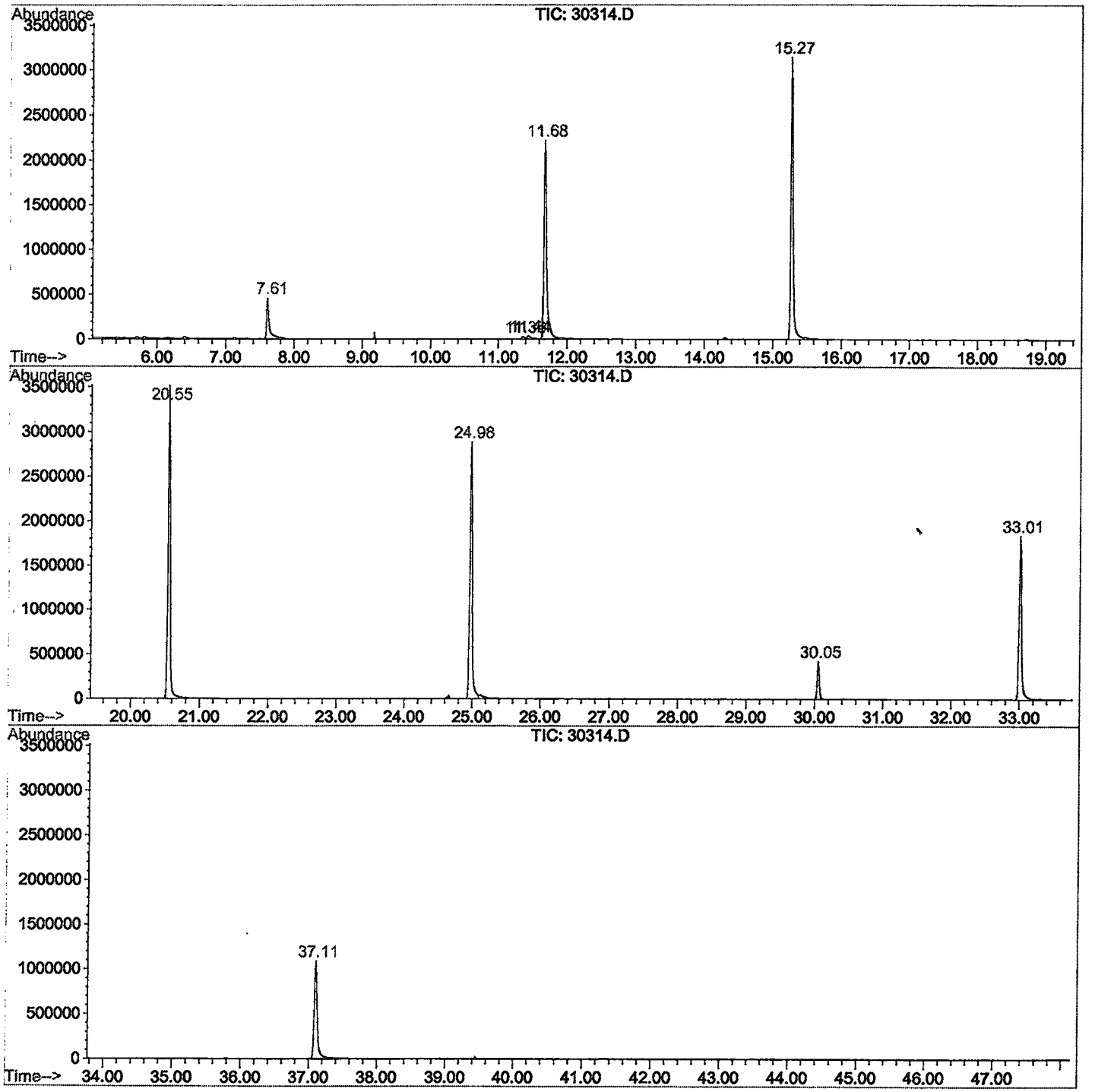
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.609	275	279	311	rBV	457375	1286267	16.55%	3.390%
2	11.364	684	688	693	rBV	28683	80893	1.04%	0.213%
3	11.437	693	696	704	rVV	29375	85338	1.10%	0.225%
4	11.676	716	722	746	rBV	2216988	5839929	75.12%	15.392%
5	15.274	1109	1114	1134	rBV	3139763	7235798	93.08%	19.072%
6	20.553	1683	1689	1718	rBV	3517590	7774088	100.00%	20.490%
7	24.978	2164	2171	2184	rBV2	2886750	6941820	89.29%	18.297%
8	30.055	2718	2724	2734	rBV	424650	876867	11.28%	2.311%
9	33.011	3039	3046	3064	rBV2	1834728	4515976	58.09%	11.903%
10	37.105	3482	3492	3522	rBV2	1087751	3303135	42.49%	8.706%

Sum of corrected areas: 37940111

30314.D GCMS1126.M Wed Jan 02 10:17:42 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\30314.D
Operator : 209 GALOS
Acquired : 22 Dec 2001 10:45 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/13a
Misc Info :
Vial Number: 5
Quant File :GCMS1126.RES (RTE Integrator)



30314.D GCMS1126.M Wed Jan 02 10:17:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30314.D
Acq On : 22 Dec 2001 10:45 am
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

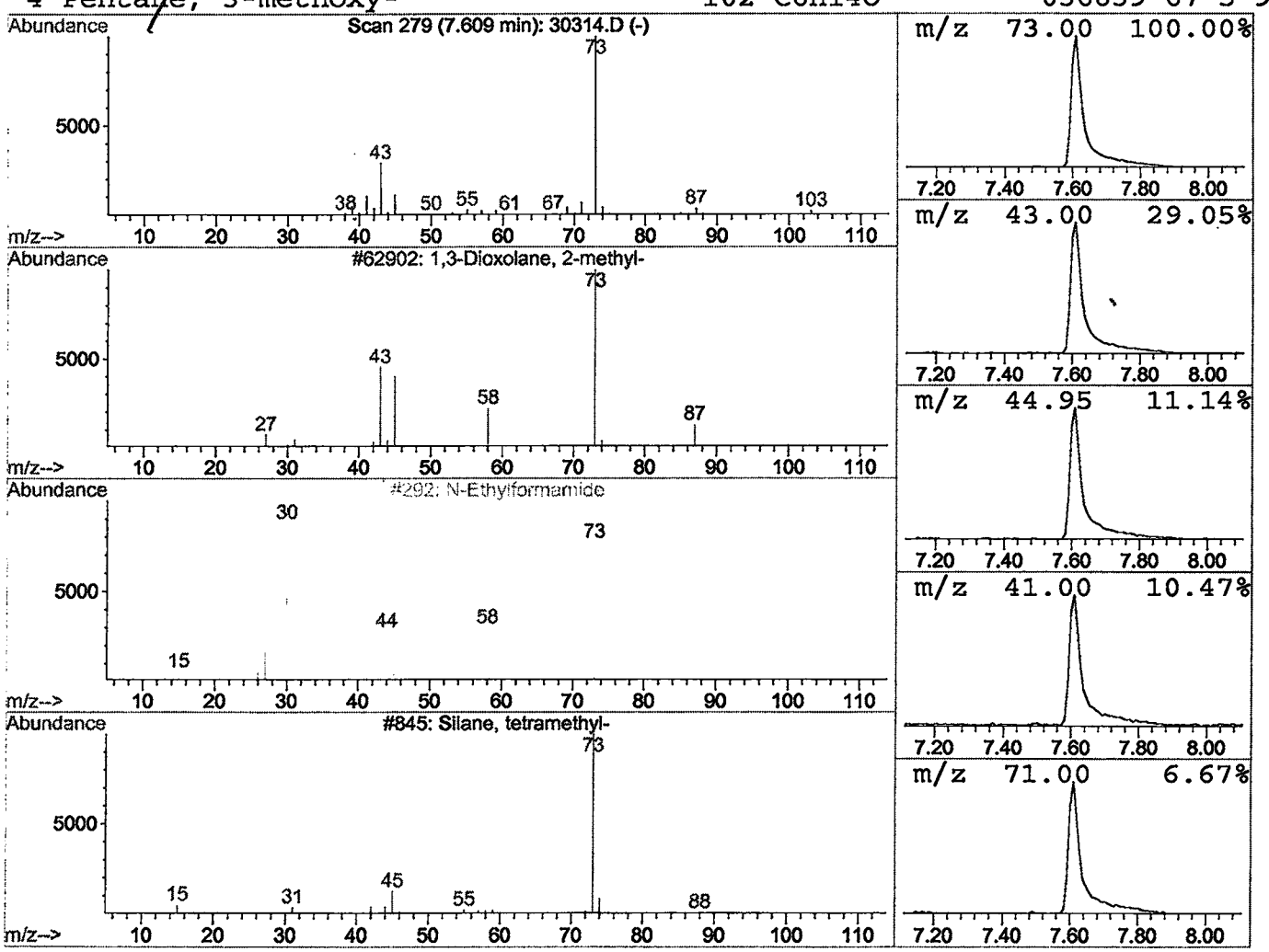
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.41 ug/l	1286270	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	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: 22 Dec 2001 10:45 am
Data File: C:\HPCHEM\1\DATA\DEC2101\30314.D
Name: gc/ms scan 12/13a
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
1,3-Dioxolane, 2-met	7.61	4.4	ug/l	1286270	ISTD01	11.68	5839930	20.0

30314.D GCMS1126.M Wed Jan 02 10:17:56 2002