User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 16:25:04

Sample: AD30113
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 16:24 Ended: 1/9/02 16:24 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

Comments for Sample AD30113 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 16:25:12

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 above its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\30113.D Vial: 13
Acq On : 20 Dec 2001 1:10 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 15:50 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	11.67	152	902069	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3509892	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1776081	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2567118m	20.00	ug/l	-0.02
38) Chrysene-d12	33.02	240	1705038	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1103378	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	149117	4.01	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 80.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.17	74	356	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	15.33	128	1197	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	21.10	165	657	N.D.		
25) Diethylphthalate	22.12	149	885	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)

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Acq On : 20 Dec 2001 1:10 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Time: Dec 31 15:50 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	24.98	178	1217	N.D.	
34) Anthracene	24.98	178	1217	N.D.	
35) Di-n-butylphthalate	27.00	149	22546	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	5901	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	2902	N.D.	
43) Chrysene	33.02	228	5901	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	36.13	252	1037	N.D.	
47) Benzo(k)fluoranthene	36.13	252	739	N.D.	
48) Benzo(a)pyrene	37.11	252	4773	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.	

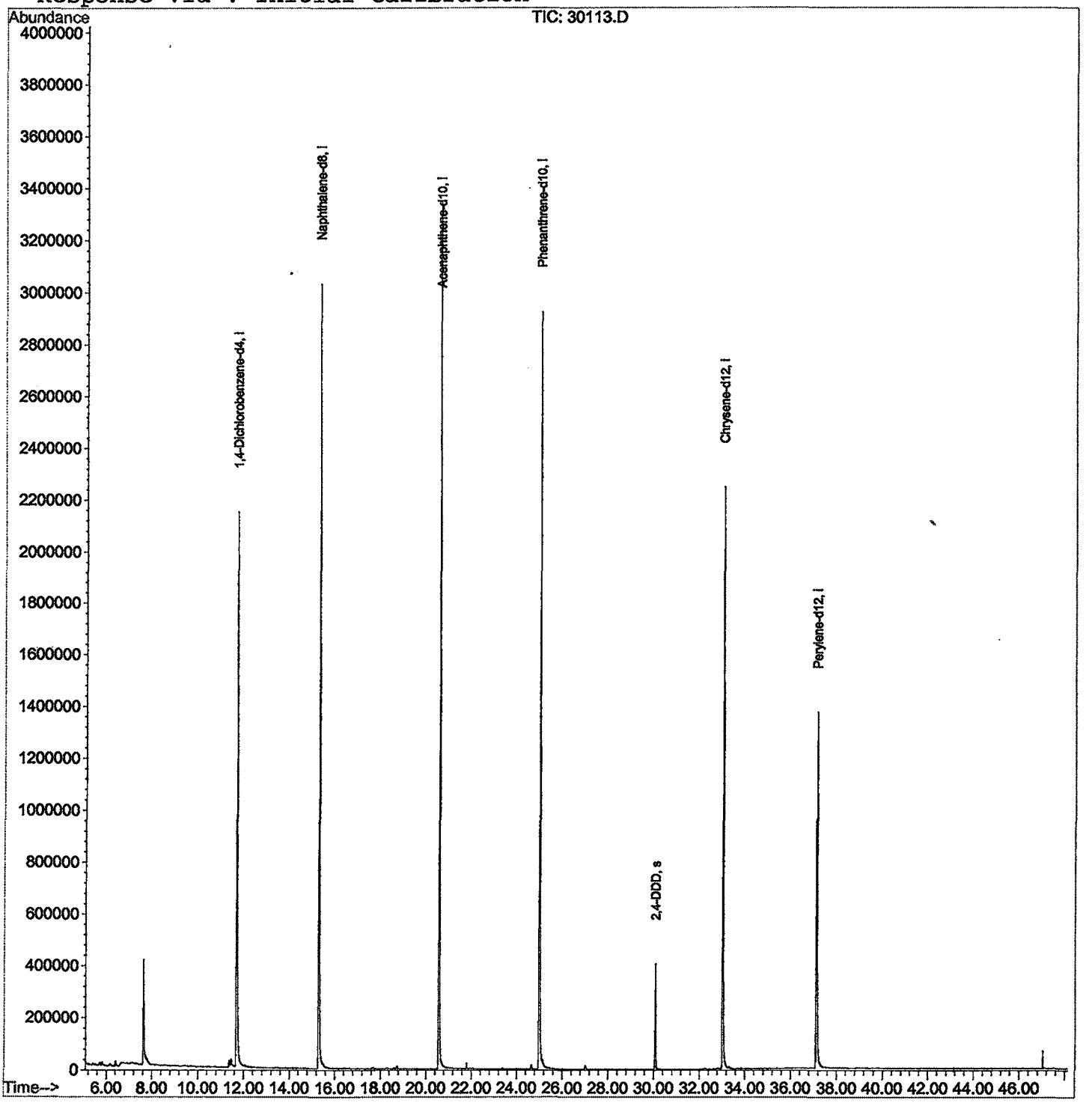
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30113.D
Acq On : 20 Dec 2001 1:10 pm
Sample : gc/ms scan 12/12
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 31 15:50 2001

Vial: 13
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 : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30113.D Vial: 13
Acq On : 20 Dec 2001 1:10 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 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

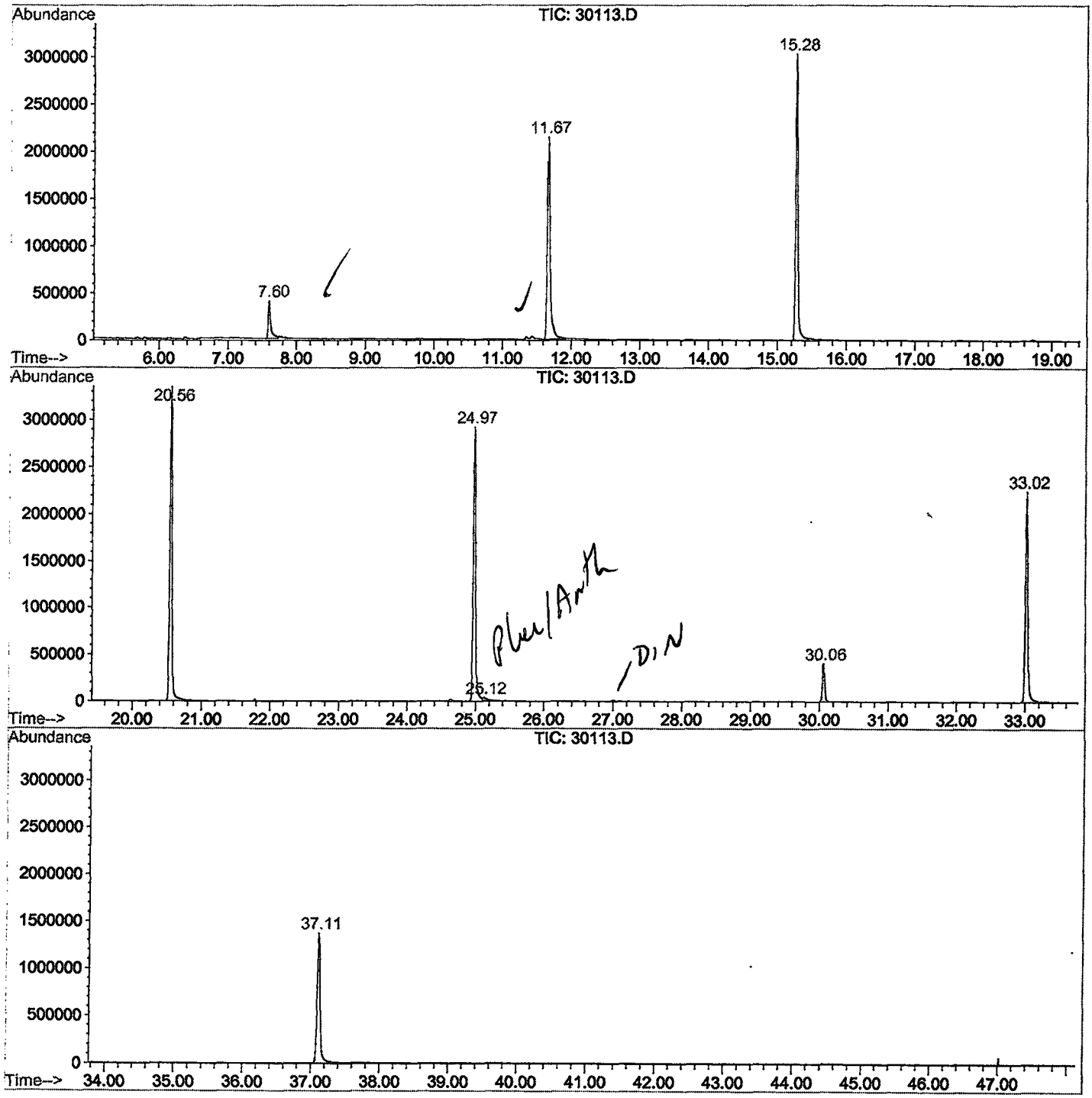
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.604	275	279	294	rBV	400978	1028394	13.76%	2.699%
2	11.671	717	722	749	rBV	2141665	5441122	72.79%	14.279%
3	15.279	1109	1115	1134	rBV	3027209	6825359	91.31%	17.912%
4	20.558	1683	1690	1715	rBV	3349196	7475266	100.00%	19.618%
5	24.973	2165	2171	2185	rBV2	2923192	6945210	92.91%	18.227%
6	25.120	2185	2187	2202	rVB	30517	109237	1.46%	0.287%
7	30.059	2719	2725	2736	rBV	404284	878004	11.75%	2.304%
8	33.015	3040	3047	3067	rBV2	2244679	5364297	71.76%	14.078%
9	37.110	3485	3493	3512	rBV2	1369130	4038111	54.02%	10.597%

Sum of corrected areas: 38105000

30113.D GCMS1126.M Wed Jan 02 16:06:40 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\30113.D
Operator : 209 GALOS
Acquired : 20 Dec 2001 1:10 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/12
Misc Info :
Vial Number: 13
Quant File :GCMS1126.RES (RTE Integrator)



30113.D GCMS1126.M Wed Jan 02 16:06:46 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30113.D
Acq On : 20 Dec 2001 1:10 pm
Sample : gc/ms scan 12/12
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

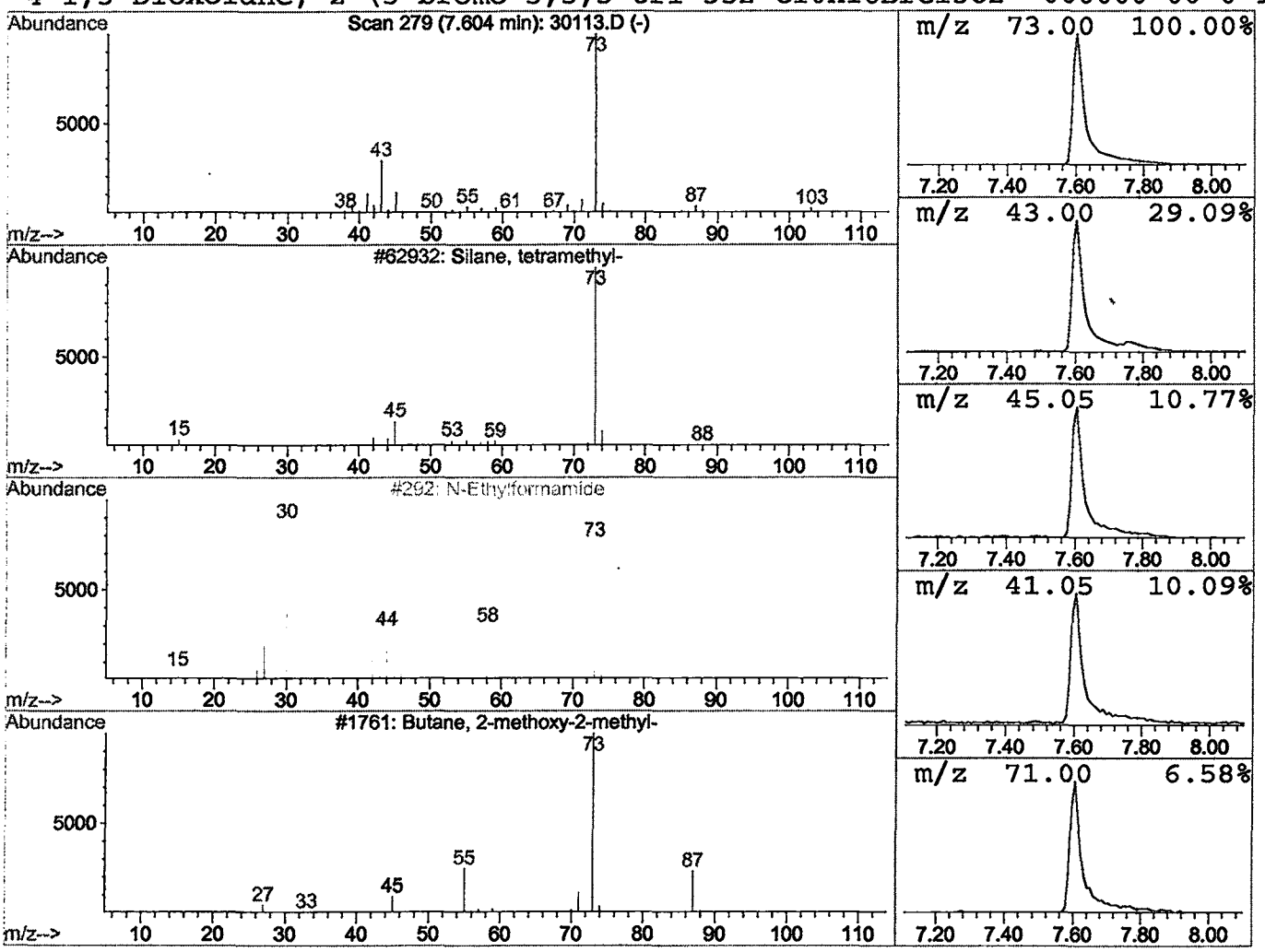
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.78 ug/l	1028390	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 20 Dec 2001 1:10 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\30113.D
Name: gc/ms scan 12/12
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
Silane, tetramethyl-	7.60	3.8	ug/l	1028390	ISTD01	11.67	5441120	20.0

30113.D GCMS1126.M Wed Jan 02 16:06:55 2002