User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 16:40:53

Sample: AD30116
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 16:29 Ended: 1/9/02 16:29 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		5.0

Comments for Sample AD30116 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 16:41:17

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\DEC3101\30116.D Vial: 58
Acq On : 2 Jan 2002 10:10 pm Operator: 209 GALOS
Sample : gcms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 9:56 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	11.67	152	748525	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	2855729	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	1418910	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	1999579m	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	1158459	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	604431	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	91343	4.16	ug/mL	0.00
Spiked Amount 5.000			Recovery = 83.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.31	74	102	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	13.14	77	100	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	15.36	128	748	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	21.06	165	425	N.D.		
25) Diethylphthalate	0.00	149	0	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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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	24.99	178	781	N.D.	
34) Anthracene	24.99	178	781	N.D.	
35) Di-n-butylphthalate	27.04	149	28199	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	33.03	228	3261	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	2298	N.D.	
43) Chrysene	33.03	228	3261	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	0.00	252	0	N.D.	
47) Benzo(k)fluoranthene	0.00	252	0	N.D.	
48) Benzo(a)pyrene	37.12	252	2643	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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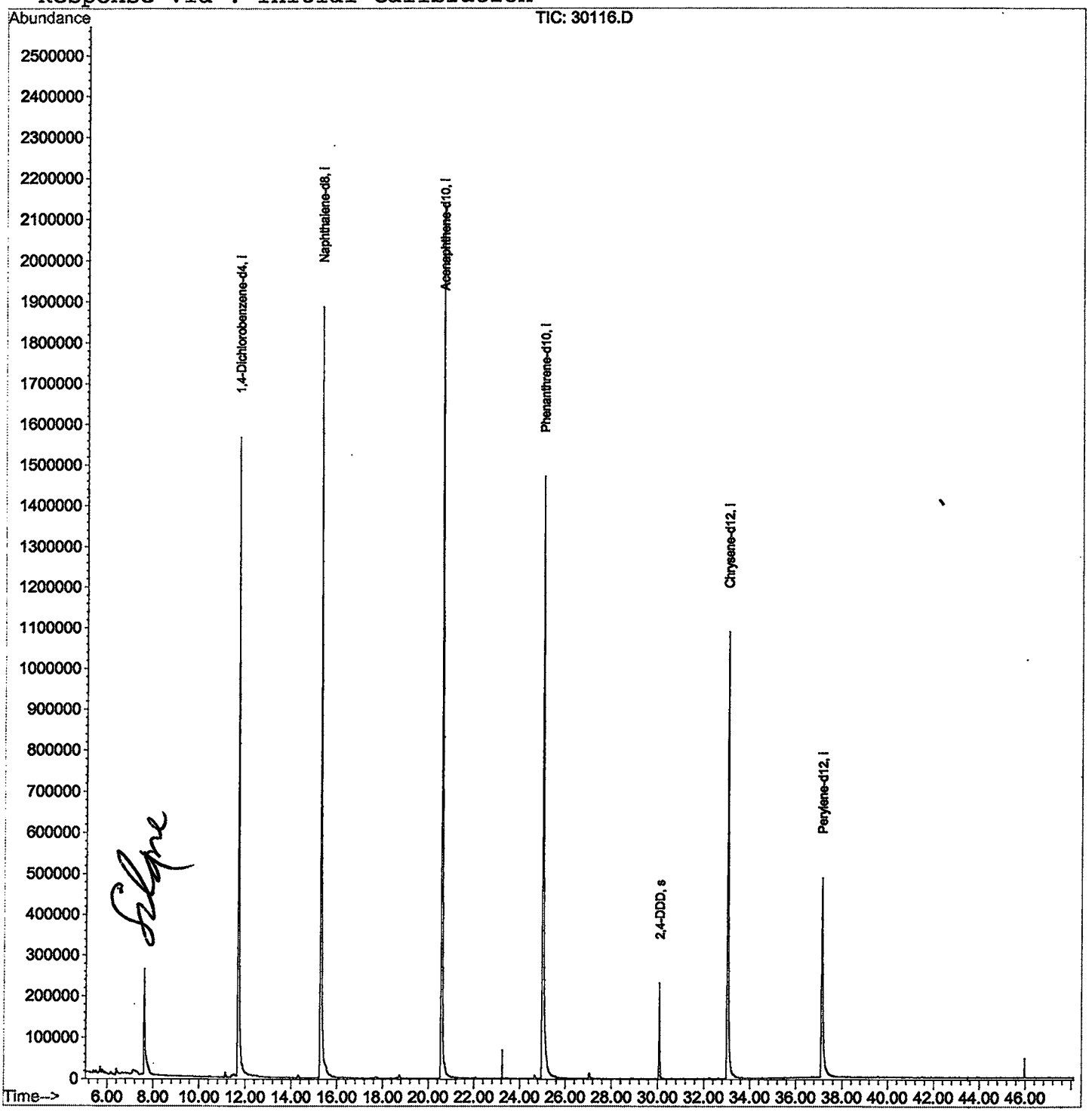
Acq On : 2 Jan 2002 10:10 pm Operator: 209 GALOS
Sample : gcms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 9:56 2002 Quant Results File: GCMS1126.RES

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\DEC3101\30116.D Vial: 58
Acq On : 2 Jan 2002 10:10 pm Operator: 209 GALOS
Sample : gcms 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

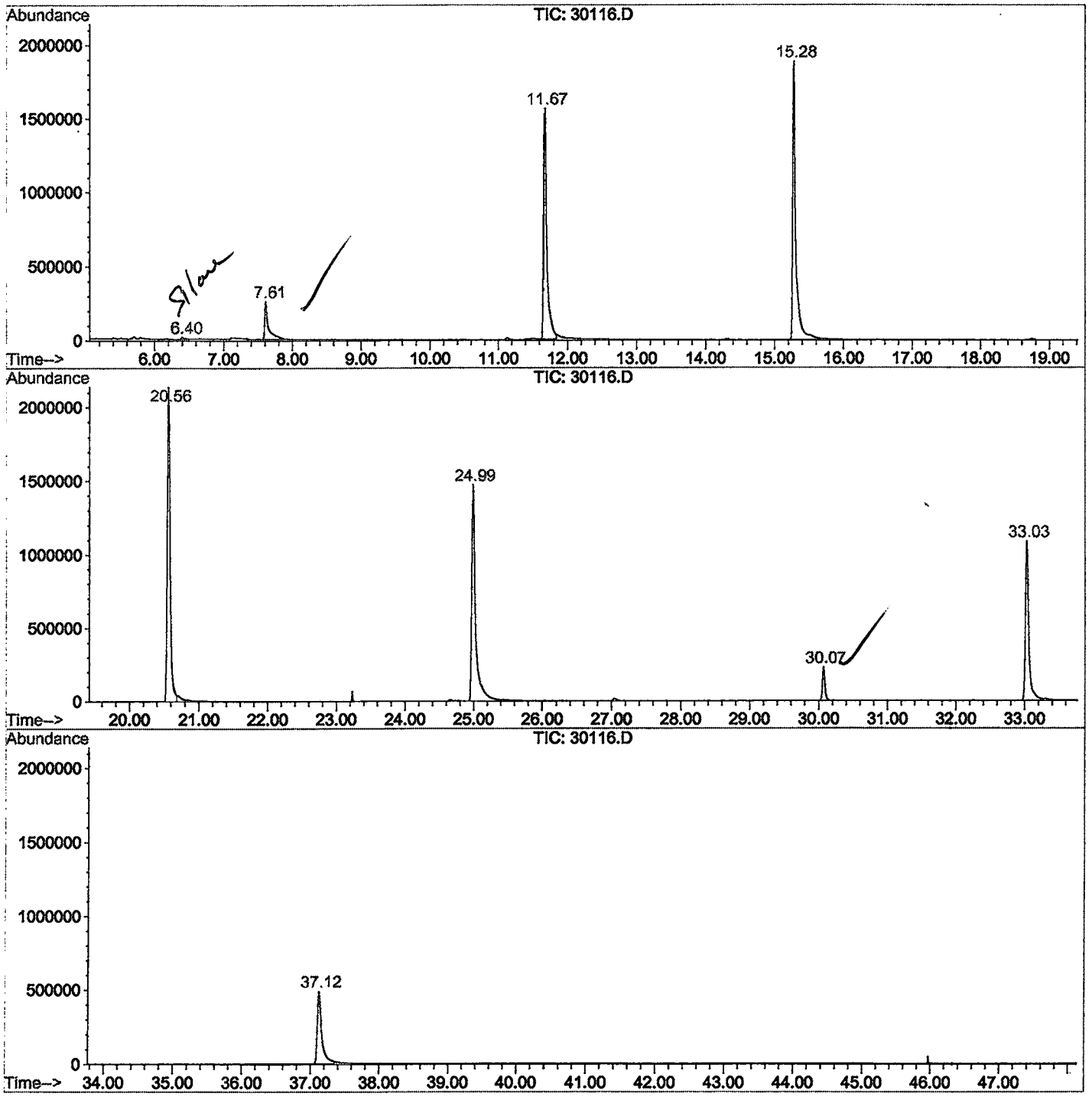
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.396	143	147	158	rBV5	16080	65929	1.09%	0.222%
2	7.608	275	279	312	rBV	255479	938498	15.50%	3.163%
3	11.675	717	722	740	rBV	1562206	4572070	75.53%	15.411%
4	15.283	1109	1115	1156	rBV	1886134	5865439	96.89%	19.770%
5	20.561	1684	1690	1703	rBV	2139510	6053604	100.00%	20.404%
6	24.986	2166	2172	2216	rBV2	1471572	5727862	94.62%	19.306%
7	30.072	2720	2726	2745	rBV	231034	574981	9.50%	1.938%
8	33.028	3041	3048	3075	rBV2	1087854	3711707	61.31%	12.511%
9	37.123	3487	3494	3519	rBV	485051	2158151	35.65%	7.274%

Sum of corrected areas: 29668241

30116.D GCMS1126.M Thu Jan 03 10:30:36 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30116.D
Operator : 209 GALOS
Acquired : 2 Jan 2002 10:10 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/12
Misc Info :
Vial Number: 58
Quant File :GCMS1126.RES (RTE Integrator)



30116.D GCMS1126.M Thu Jan 03 10:30:42 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30116.D
Acq On : 2 Jan 2002 10:10 pm
Sample : gcms scan 12/12
Misc :
MS Integration Params: LSCINT.P

Vial: 58
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

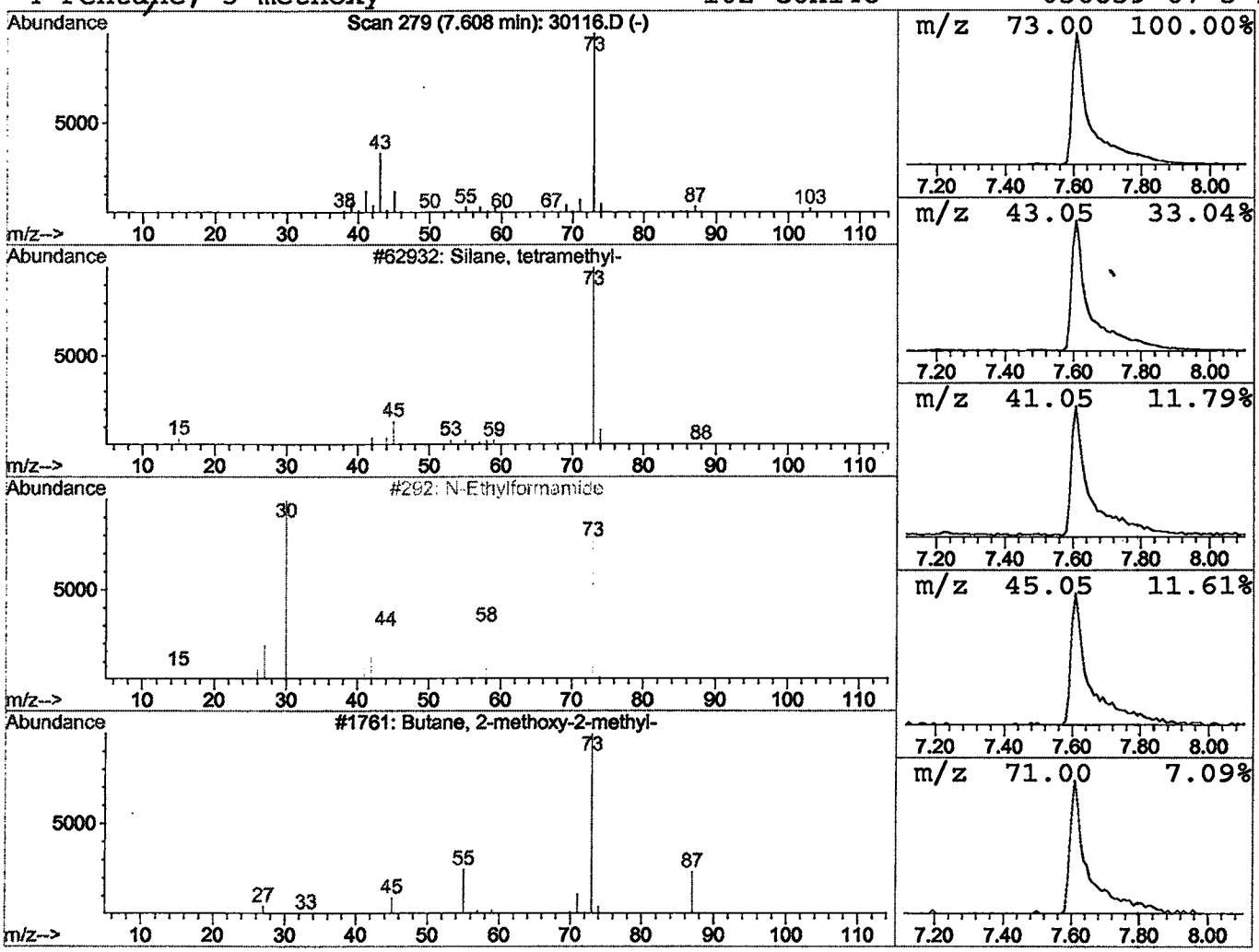
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.11 ug/l	938498	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Jan 2002 10:10 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30116.D
Name: gcms 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-	7.61	4.1	ug/l	938498	ISTD01	11.67	4572070	20.0

30116.D GCMS1126.M Thu Jan 03 10:30:51 2002