User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 13:09:58

Sample: AD30085
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 13:01 Ended: 1/9/02 13:01 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		5.0

Comments for Sample AD30085 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 13:10:37

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\30085.D Vial: 7
Acq On : 22 Dec 2001 12:42 pm 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 13:31 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	860543	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3302786	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1648493	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2431253	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1449263	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	931047	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	149017	4.23	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 84.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.31	74	180	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	15.34	128	1417	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	21.12	165	175	N.D.		
25) Diethylphthalate	22.11	149	469	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 : 22 Dec 2001 12:42 pm Operator: 209 GALOS
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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	25.05	178	270	N.D.	
34) Anthracene	25.05	178	270	N.D.	
35) Di-n-butylphthalate	27.00	149	17074	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	3658	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	8789	N.D.	
43) Chrysene	33.02	228	3658	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	37.11	252	3514	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.	

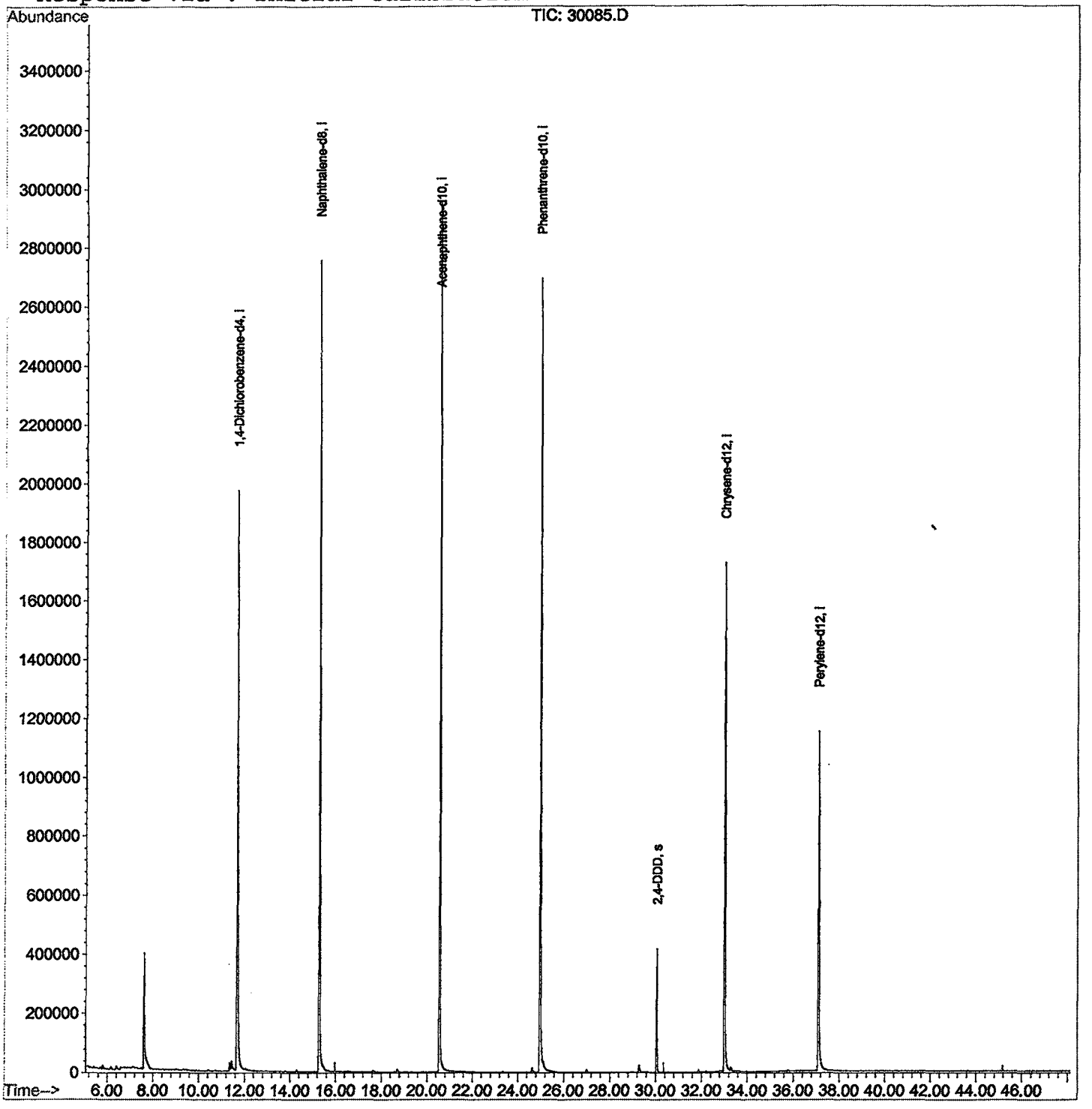
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30085.D
Acq On : 22 Dec 2001 12:42 pm
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 22 13:31 2001

Vial: 7
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 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30085.D Vial: 7
Acq On : 22 Dec 2001 12:42 pm 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

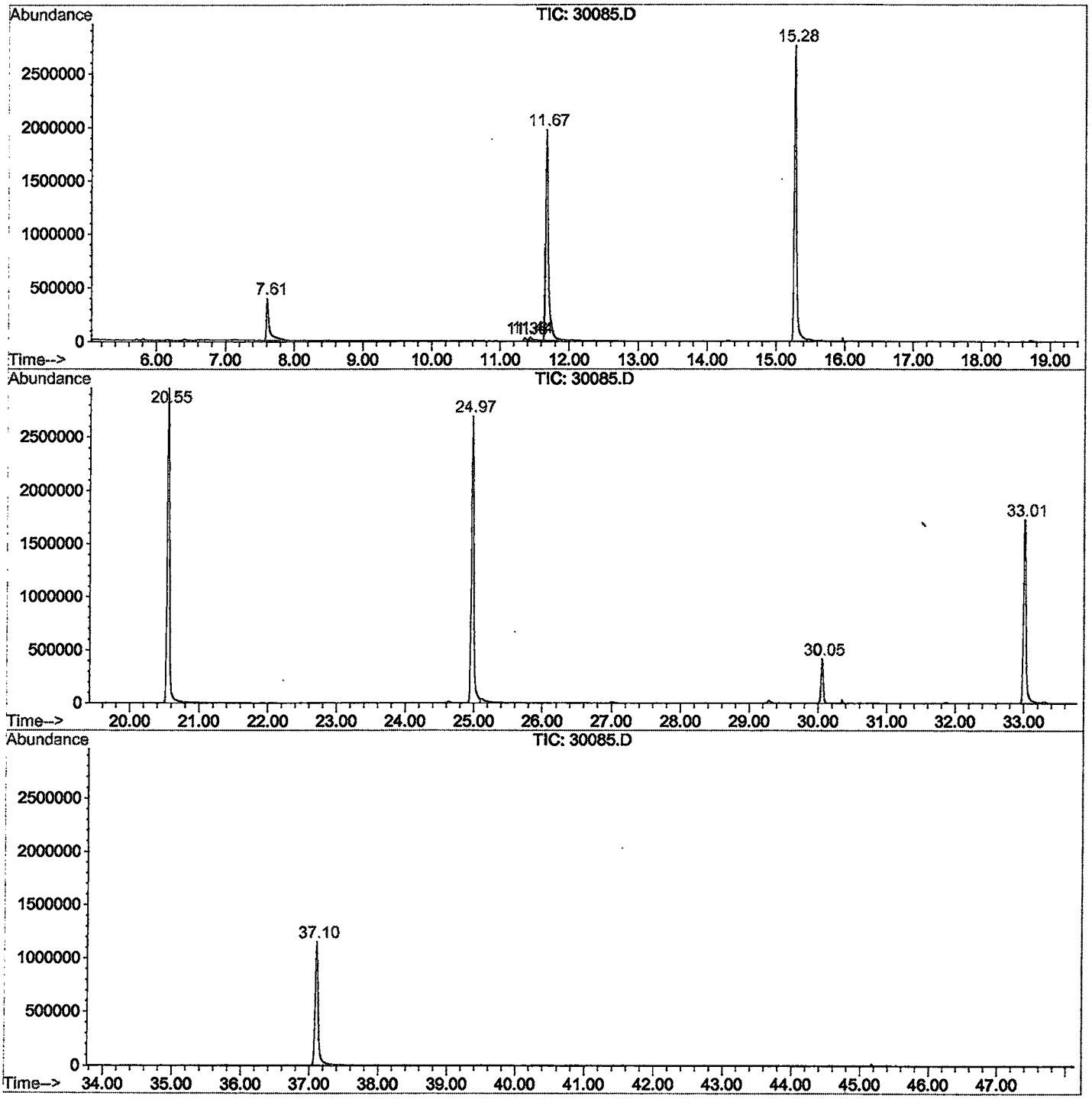
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.606	275	279	310	rBV	392613	1181796	16.88%	3.355%
2	11.360	685	688	693	rBV	28446	71100	1.02%	0.202%
3	11.443	693	697	703	rVV2	27466	74611	1.07%	0.212%
4	11.673	717	722	746	rBV	1969491	5181061	74.02%	14.707%
5	15.280	1109	1115	1134	rBV	2755194	6469472	92.43%	18.364%
6	20.550	1683	1689	1712	rBV	2958594	6999224	100.00%	19.868%
7	24.975	2165	2171	2184	rBV2	2693852	6393462	91.35%	18.149%
8	30.052	2719	2724	2733	rBV	417358	880400	12.58%	2.499%
9	33.008	3040	3046	3067	rBV2	1725561	4575061	65.37%	12.987%
10	37.102	3484	3492	3513	rBV	1148864	3402120	48.61%	9.657%

Sum of corrected areas: 35228307

30085.D GCMS1126.M Wed Jan 02 10:10:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\30085.D
Operator : 209 GALOS
Acquired : 22 Dec 2001 12:42 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/13a
Misc Info :
Vial Number: 7
Quant File :GCMS1126.RES (RTE Integrator)



30085.D GCMS1126.M Wed Jan 02 10:11:02 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30085.D
Acq On : 22 Dec 2001 12:42 pm
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

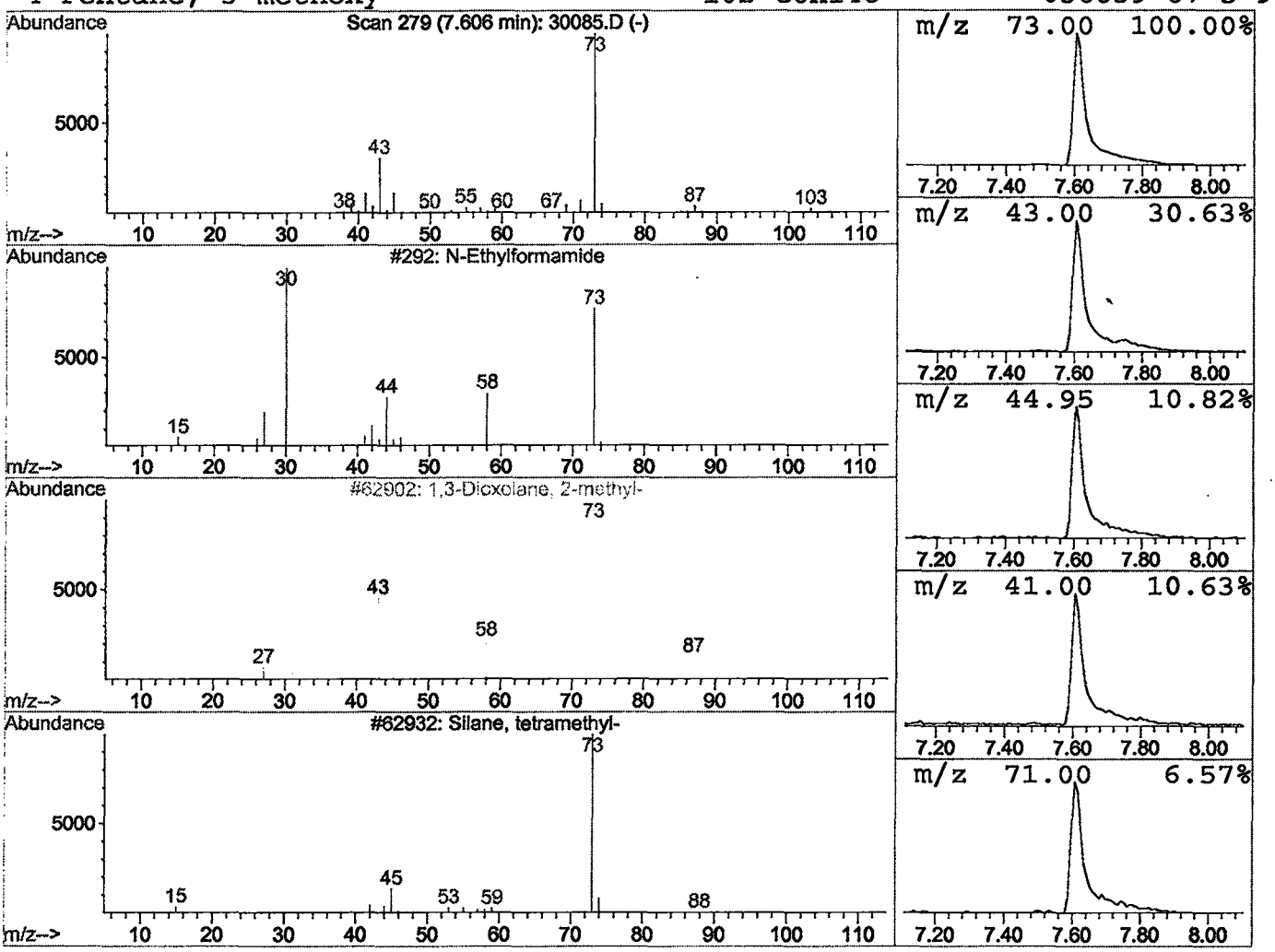
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.56 ug/l	1181800	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	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 12:42 pm
Data File: C:\HPCHEM\1\DATA\DEC2101\30085.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
N-Ethylformamide	7.61	4.6	ug/l	1181800	ISTD01	11.67	5181060	20.0

30085.D GCMS1126.M Wed Jan 02 10:11:22 2002