User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 16:28:08

Sample: AD30087
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 16:26 Ended: 1/9/02 16:26 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		5.0

Comments for Sample AD30087 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 16:28:12

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\30087.D Vial: 14
Acq On : 20 Dec 2001 2:08 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 15:56 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	881445	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3405107	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1691766	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2451950m	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1635648	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1046440	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	134689	3.80	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 76.00%			
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	15.33	128	709	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	21.13	165	197	N.D.		
25) Diethylphthalate	22.12	149	215	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)

Data File : C:\HPCHEM\1\DATA\DEC1901\30087.D Vial: 14
Acq On : 20 Dec 2001 2:08 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 15:56 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

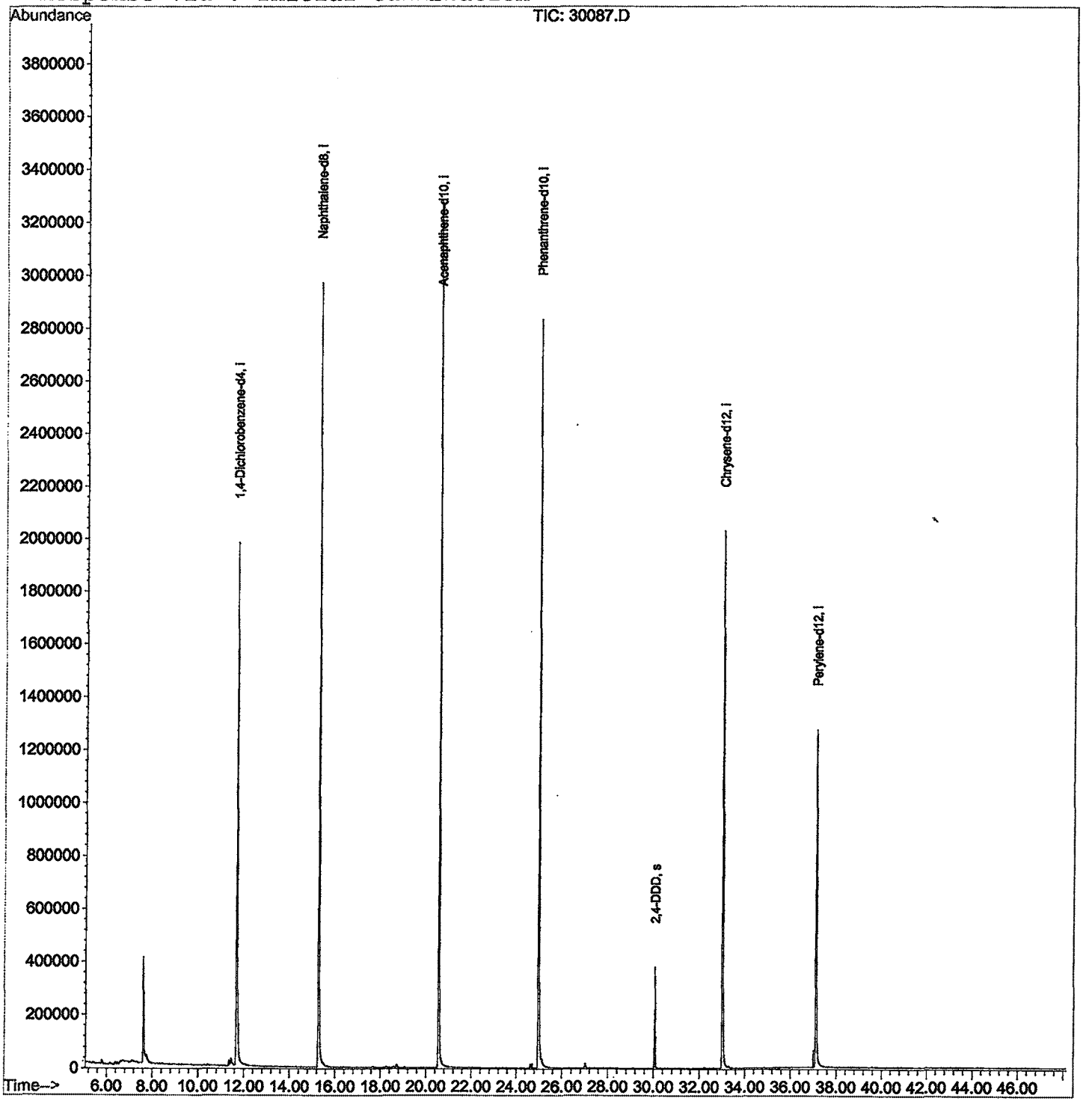
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.97	178	958	N.D.	
34)	Anthracene	24.97	178	958	N.D.	
35)	Di-n-butylphthalate	27.01	149	31046	N.D.	
36)	Fluoranthene	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	4540	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	2833	N.D.	
43)	Chrysene	33.02	228	4540	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.17	252	233	N.D.	
47)	Benzo(k)fluoranthene	36.11	252	102	N.D.	
48)	Benzo(a)pyrene	37.12	252	4358	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\30087.D Vial: 14
Acq On : 20 Dec 2001 2:08 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 15:56 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 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30087.D Vial: 14
Acq On : 20 Dec 2001 2:08 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

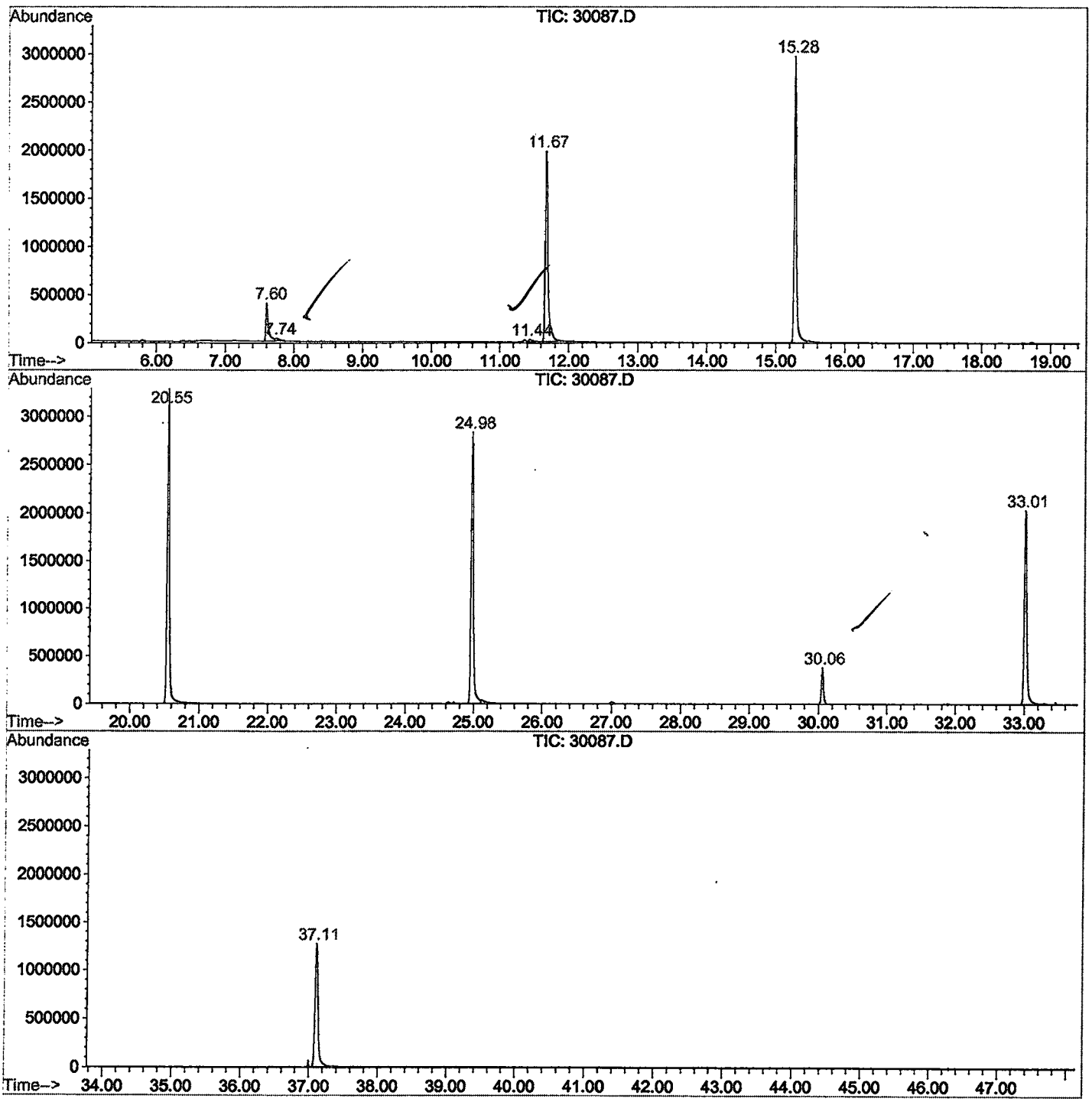
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.600	274	278	291	rBV	395176	968556	13.43%	2.644%
2	7.738	291	293	303	rVB3	24850	83075	1.15%	0.227%
3	11.438	693	696	711	rVB2	25281	94689	1.31%	0.258%
4	11.667	717	721	740	rBV	1973523	5187965	71.92%	14.160%
5	15.275	1109	1114	1133	rBV	2967786	6610846	91.65%	18.044%
6	20.554	1683	1689	1714	rBV	3284712	7213338	100.00%	19.688%
7	24.979	2164	2171	2185	rBV2	2832469	6682974	92.65%	18.241%
8	30.056	2719	2724	2738	rBV	378513	788313	10.93%	2.152%
9	33.012	3040	3046	3069	rBV2	2029233	5193471	72.00%	14.175%
10	37.106	3482	3492	3515	rBV2	1270036	3814779	52.89%	10.412%

Sum of corrected areas: 36638006

30087.D GCMS1126.M Wed Jan 02 16:06:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\30087.D
Operator : 209 GALOS
Acquired : 20 Dec 2001 2:08 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/12
Misc Info :
Vial Number: 14
Quant File :GCMS1126.RES (RTE Integrator)



30087.D GCMS1126.M Wed Jan 02 16:06:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30087.D
Acq On : 20 Dec 2001 2:08 pm
Sample : gc/ms scan 12/12
Misc :
MS Integration Params: LSCINT.P

Vial: 14
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

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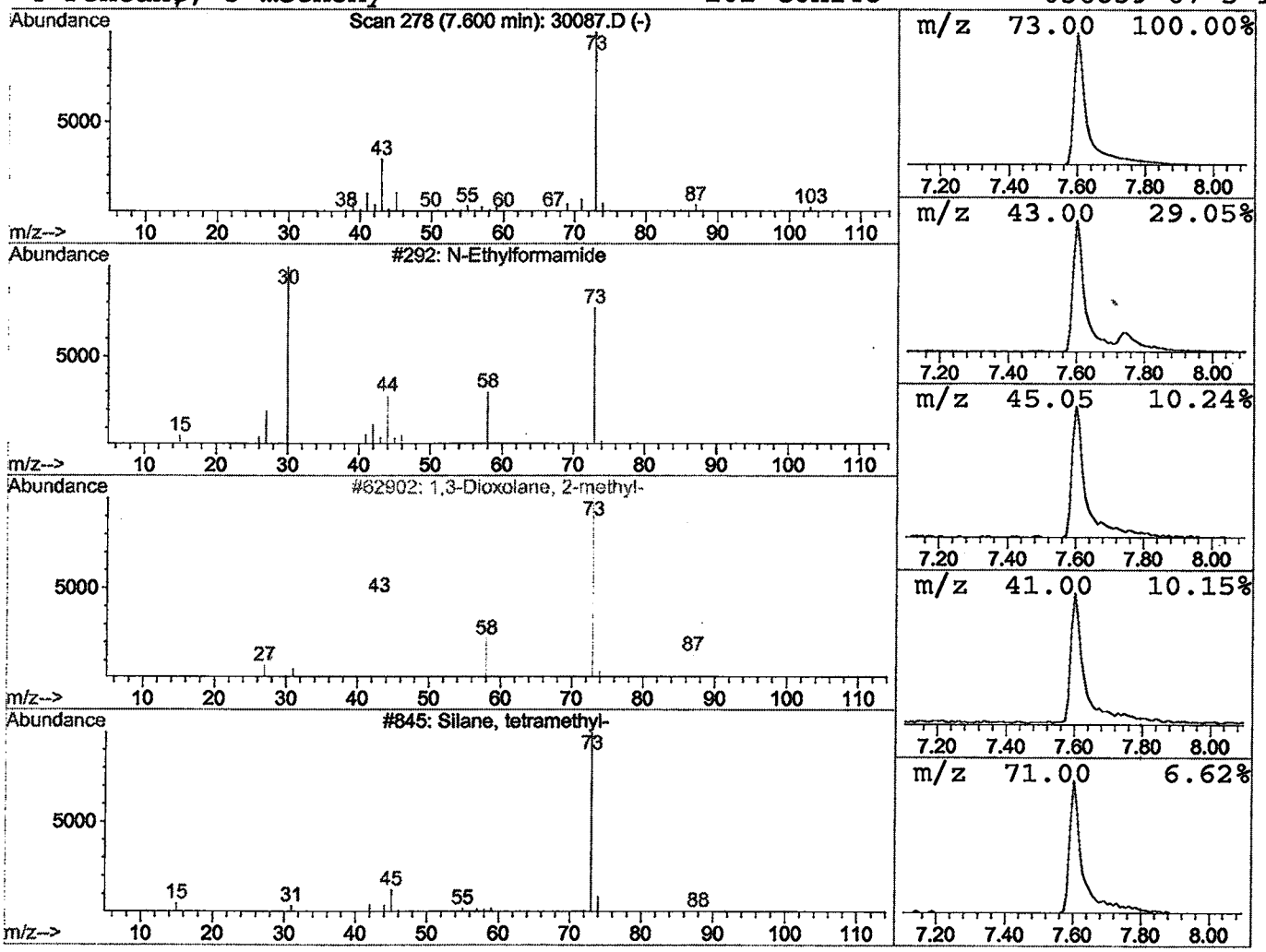
Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.73 ug/l	968556	1,4-Dichlorobenzene-d4	11.68

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: 20 Dec 2001 2:08 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\30087.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
N-Ethylformamide	7.60	3.7	ug/l	968556	ISTD01	11.68	5187970	20.0

30087.D GCMS1126.M Wed Jan 02 16:06:17 2002