User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 16:21:01

Sample: AD30021
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 16:20 Ended: 1/9/02 16:20 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		5.0

Comments for Sample AD30021 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 16:22:10

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\30021.D Vial: 7
Acq On : 19 Dec 2001 3:38 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 19 16:29 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	767505	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	2933975	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1470558	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2201773	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1435570	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	913218	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	113561	3.56	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 71.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.28	74	457	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	993	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	106	N.D.		
25) Diethylphthalate	22.11	149	627	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\30021.D Vial: 7
Acq On : 19 Dec 2001 3:38 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
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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	25.05	178	263	N.D.	
34)	Anthracene	25.05	178	263	N.D.	
35)	Di-n-butylphthalate	27.00	149	78312	0.50 ug/l #	98
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.51	149	280	N.D.	
41)	Benzo(a)anthracene	33.01	228	4472	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	4148	N.D.	
43)	Chrysene	33.01	228	4472	N.D.	
45)	Di-n-Octylphthalate	35.03	149	487	N.D.	
46)	Benzo(b)fluoranthene	36.14	252	1175	N.D.	
47)	Benzo(k)fluoranthene	36.14	252	1175	N.D.	
48)	Benzo(a)pyrene	37.11	252	3661	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.	

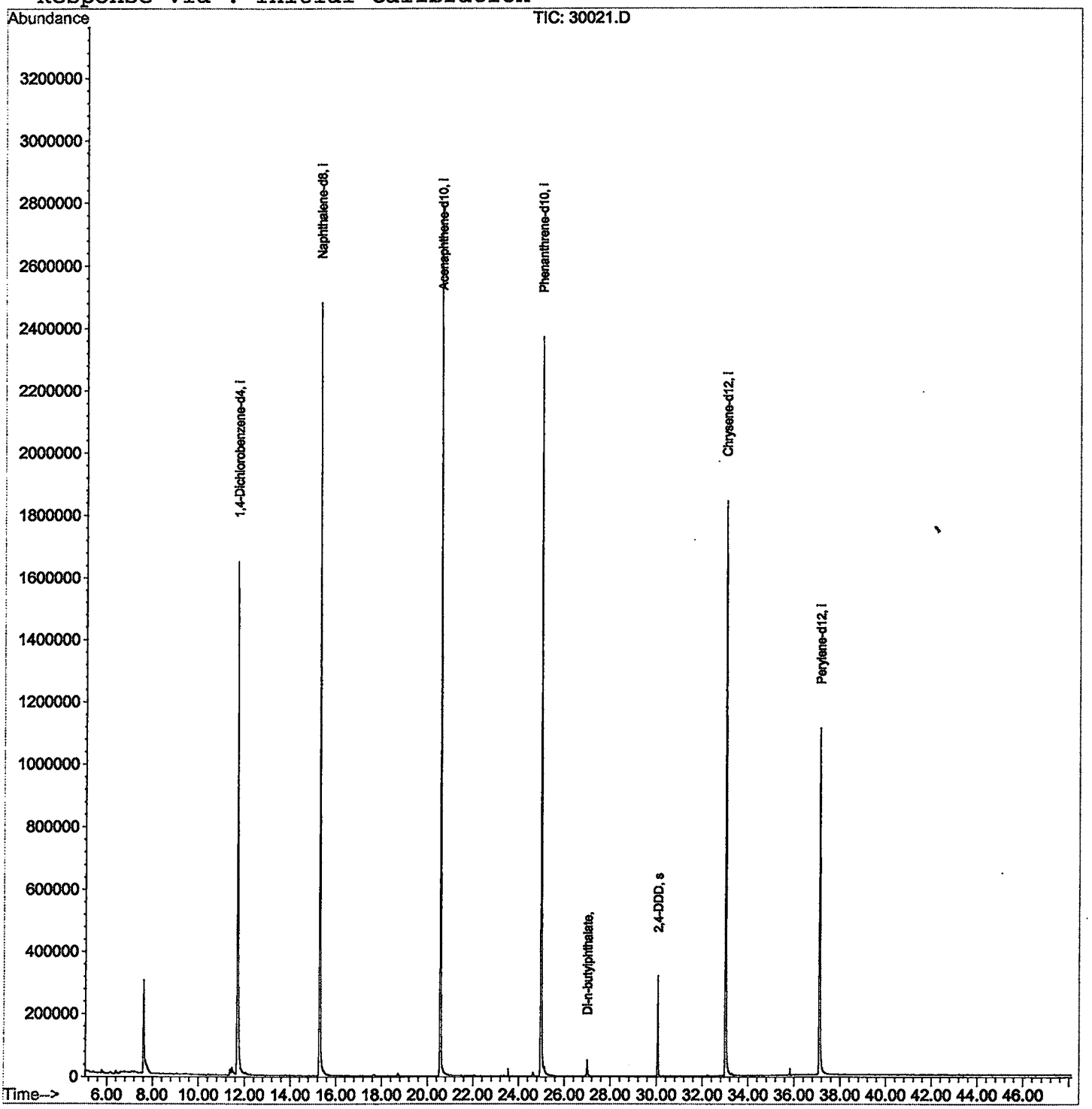
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30021.D
Acq On : 19 Dec 2001 3:38 pm
Sample : gc/ms scan 12/12
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 19 16:29 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 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30021.D Vial: 7
Acq On : 19 Dec 2001 3:38 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

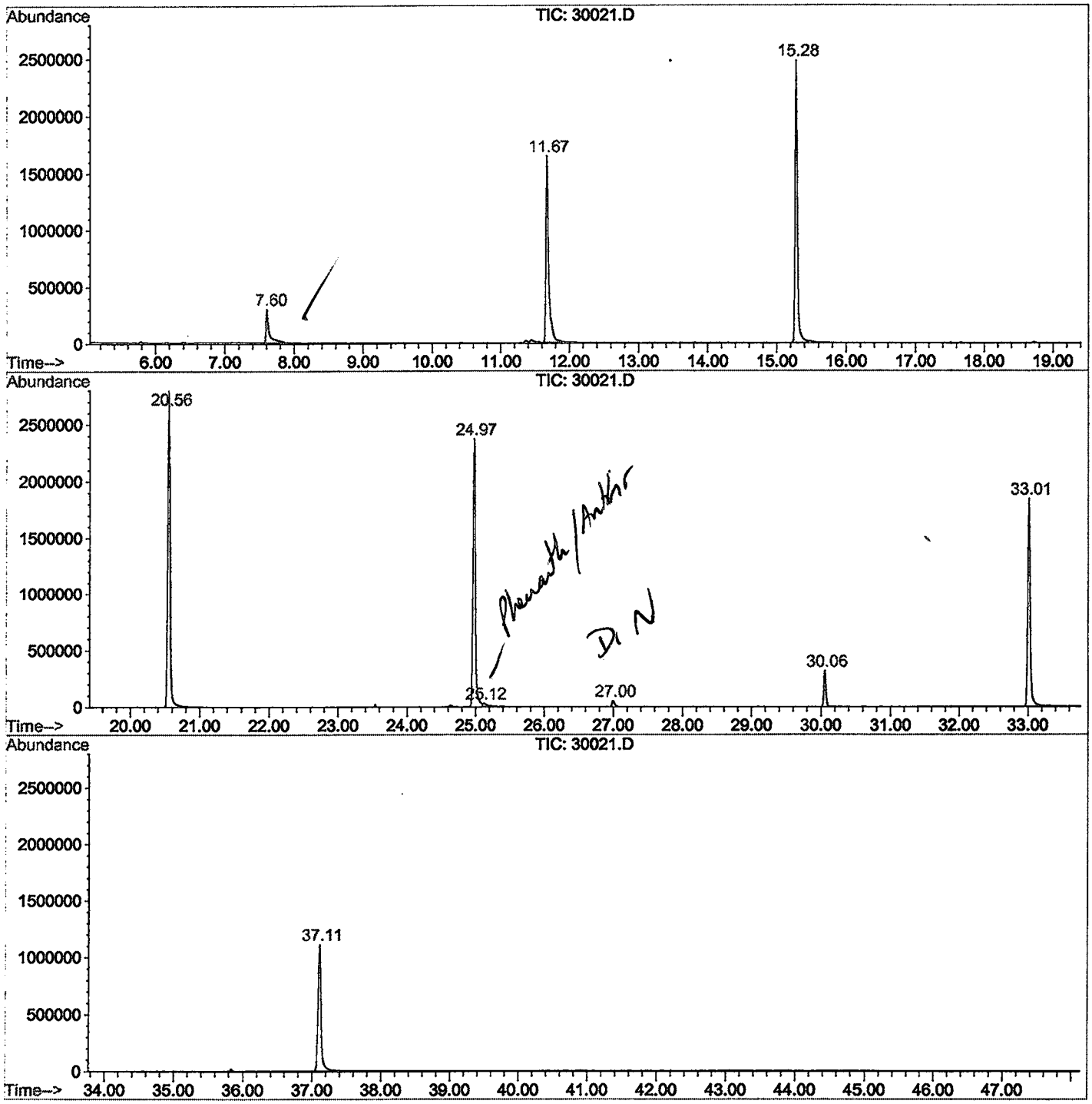
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	309	rBV	295880	944740	15.20%	2.965%
2	11.669	717	722	746	rBV	1644723	4514248	72.65%	14.167%
3	15.277	1110	1115	1134	rBV	2477218	5666842	91.19%	17.784%
4	20.556	1684	1690	1713	rBV	2798588	6214100	100.00%	19.501%
5	24.972	2165	2171	2185	rBV2	2371015	5751170	92.55%	18.048%
6	25.119	2185	2187	2205	rVB3	26560	110079	1.77%	0.345%
7	27.001	2385	2392	2402	rBV	51117	133022	2.14%	0.417%
8	30.058	2719	2725	2735	rVB	317773	660963	10.64%	2.074%
9	33.014	3040	3047	3068	rBV2	1842006	4529292	72.89%	14.214%
10	37.108	3485	3493	3521	rBV2	1105475	3341114	53.77%	10.485%

Sum of corrected areas: 31865570

30021.D GCMS1126.M Wed Jan 02 16:04:11 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\30021.D
Operator : 209 GALOS
Acquired : 19 Dec 2001 3:38 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/12
Misc Info :
Vial Number: 7
Quant File :GCMS1126.RES (RTE Integrator)



30021.D GCMS1126.M Wed Jan 02 16:04:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30021.D
Acq On : 19 Dec 2001 3:38 pm
Sample : gc/ms scan 12/12
Misc :
MS Integration Params: LSCINT.P

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

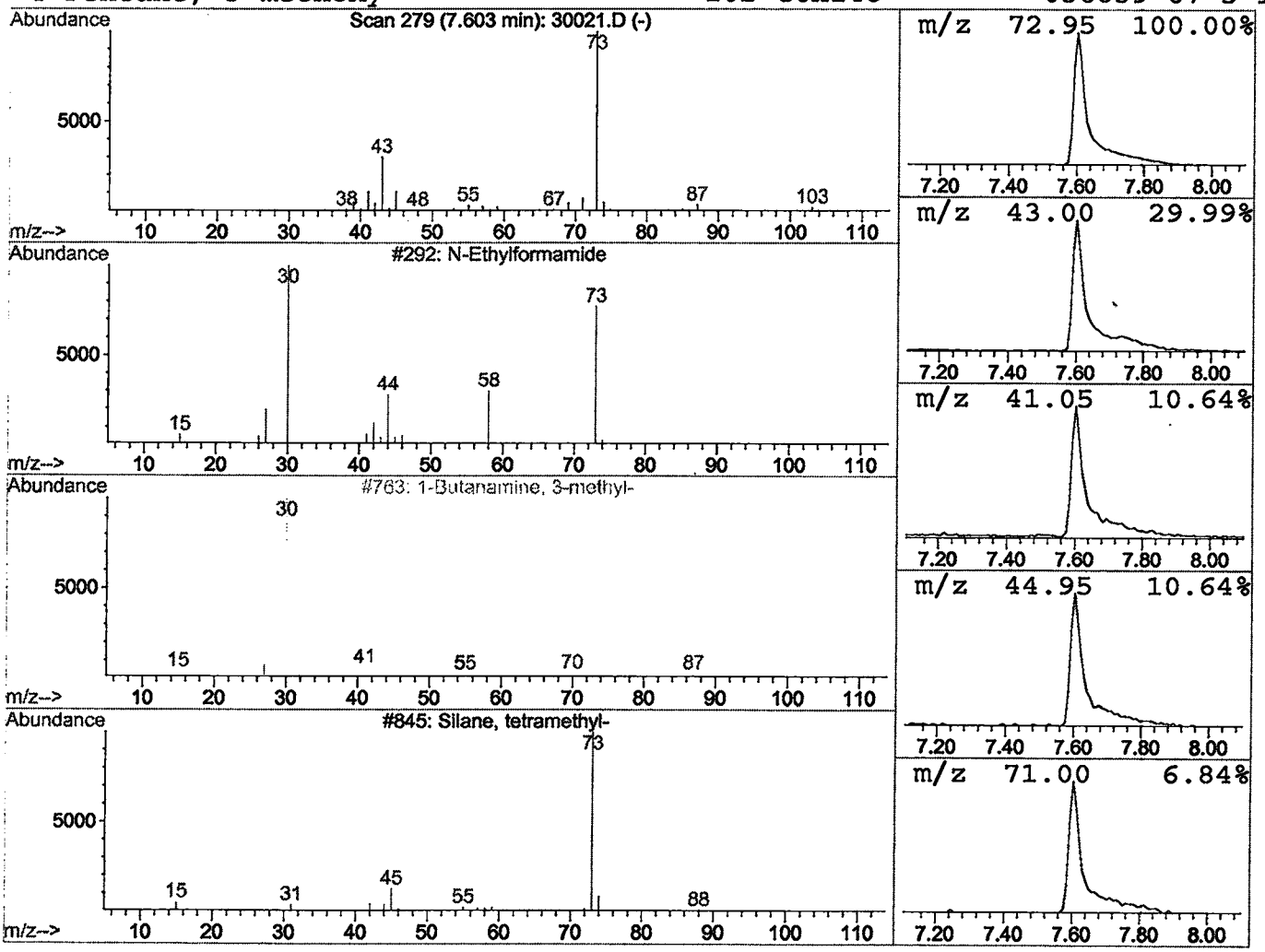
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.19 ug/l	944740	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-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	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: 19 Dec 2001 3:38 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\30021.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	4.2	ug/l	944740	ISTD01	11.67	4514250	20.0

30021.D GCMS1126.M Wed Jan 02 16:04:26 2002