Comments for Sample AD28965 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-15-2001 Time: 09:07:24

A GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.31 ug/L. It is also present in the Laboratory Blank at 0.41 ug/L. Recoveries for 5 of the 43 compounds in the LCS Standard were above their acceptance ranges. This sample was received with a pH of less than 2.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/15/2001 Time: 09:06:21

Sample: AD28965
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/15/01 09:05 Ended: 12/15/01 09:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr: 2,4 DBFB	TARGET	100%		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\28965.D Vial: 11
Acq On : 8 Dec 2001 12:42 am Operator: 209 GALOS
Sample : 11/29 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 14:48 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 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	921738	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3517975	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1747452	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2532213	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1585268	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	906092	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	154421	5.12	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 102.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.16	74	216	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	1026	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.89	165	1252	N.D.		
25) Diethylphthalate	22.08	149	1395	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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Acq On : 8 Dec 2001 12:42 am Operator: 209 GALOS
Sample : 11/29 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 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	1148	N.D.	
34)	Anthracene	24.98	178	1148	N.D.	
35)	Di-n-butylphthalate	26.99	149	22018	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	1794	N.D.	
41)	Benzo(a)anthracene	33.01	228	3764	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	30288	0.31 ug/l	95
43)	Chrysene	33.01	228	3764	N.D.	
45)	Di-n-Octylphthalate	35.04	149	534	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	37.10	252	4049	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.	

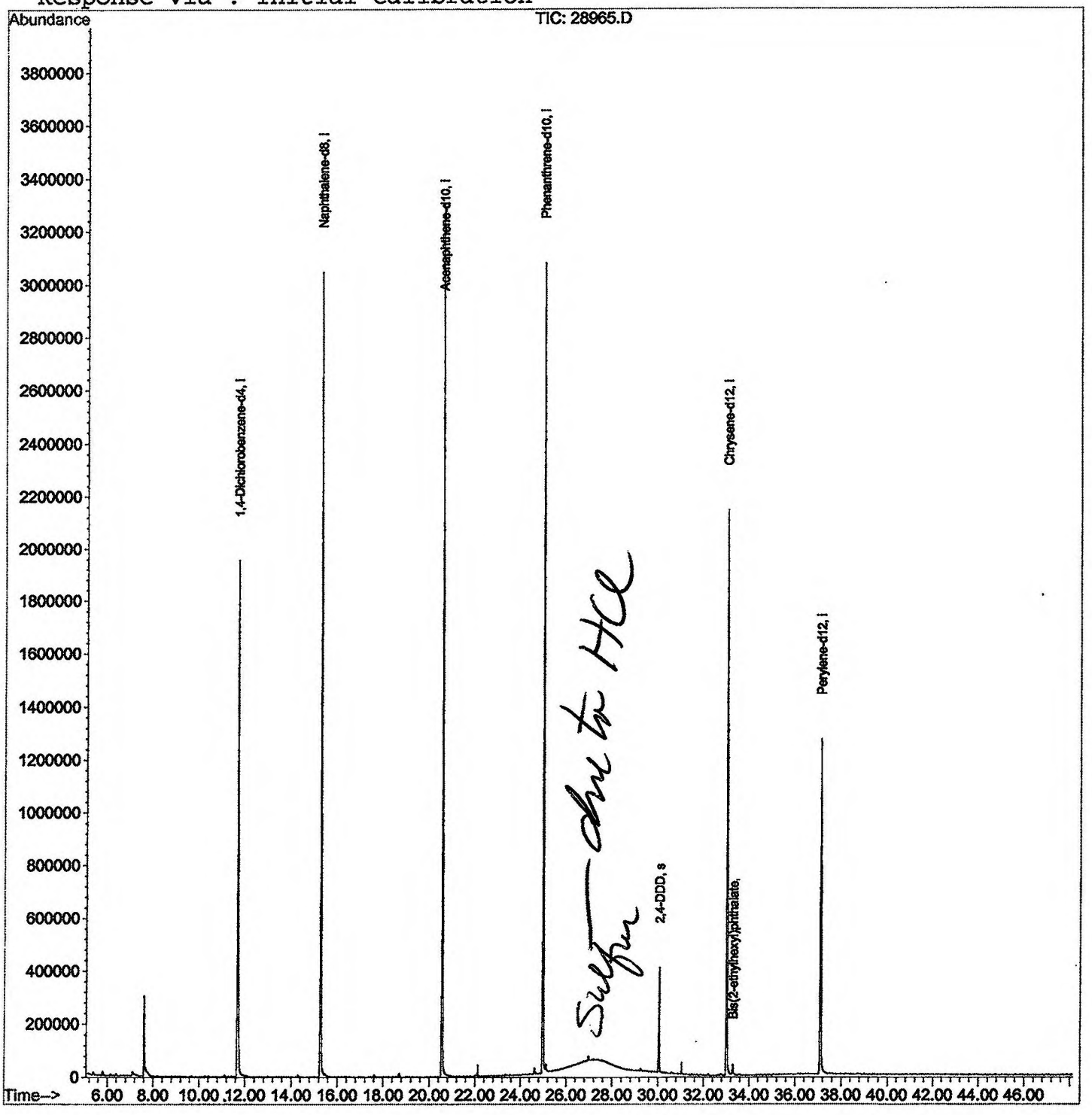
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28965.D
Acq On : 8 Dec 2001 12:42 am
Sample : 11/29 gc/ms scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 12 14:48 2001

Vial: 11
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 : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28965.D Vial: 11
Acq On : 8 Dec 2001 12:42 am Operator: 209 GALOS
Sample : 11/29 gc/ms scan 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

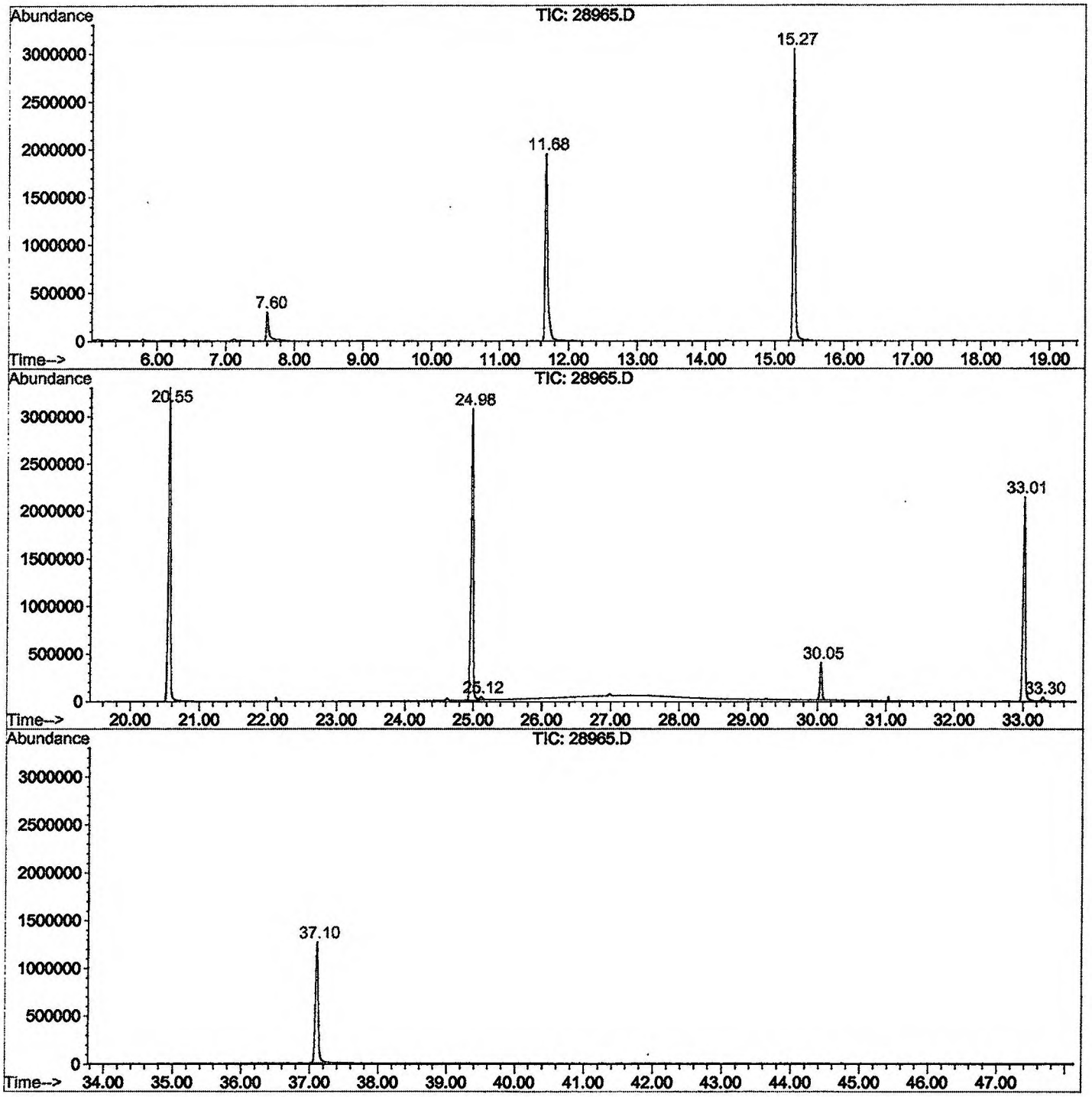
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	274	278	294	rBV	301514	784372	10.95%	2.187%
2	11.676	716	722	742	rBV	1955279	4997197	69.76%	13.936%
3	15.274	1108	1114	1133	rBV	3047715	6600114	92.13%	18.407%
4	20.553	1683	1689	1709	rBV	3306811	7163628	100.00%	19.978%
5	24.978	2164	2171	2182	rBV2	3068595	6716636	93.76%	18.731%
6	25.116	2183	2186	2196	rVB2	30057	92680	1.29%	0.258%
7	30.055	2718	2724	2734	rBV	394097	833616	11.64%	2.325%
8	33.011	3039	3046	3058	rBV2	2143792	4972996	69.42%	13.869%
9	33.295	3072	3077	3087	rVB	39728	100388	1.40%	0.280%
10	37.105	3483	3492	3506	rBV2	1265491	3595818	50.20%	10.028%

Sum of corrected areas: 35857445

28965.D GCMS1126.M Thu Dec 13 10:20:32 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0701\28965.D
Operator : 209 GALOS
Acquired : 8 Dec 2001 12:42 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/29 gc/ms scan
Misc Info :
Vial Number: 11
Quant File :GCMS1126.RES (RTE Integrator)



28965.D GCMS1126.M Thu Dec 13 10:20:37 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28965.D
Acq On : 8 Dec 2001 12:42 am
Sample : 11/29 gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

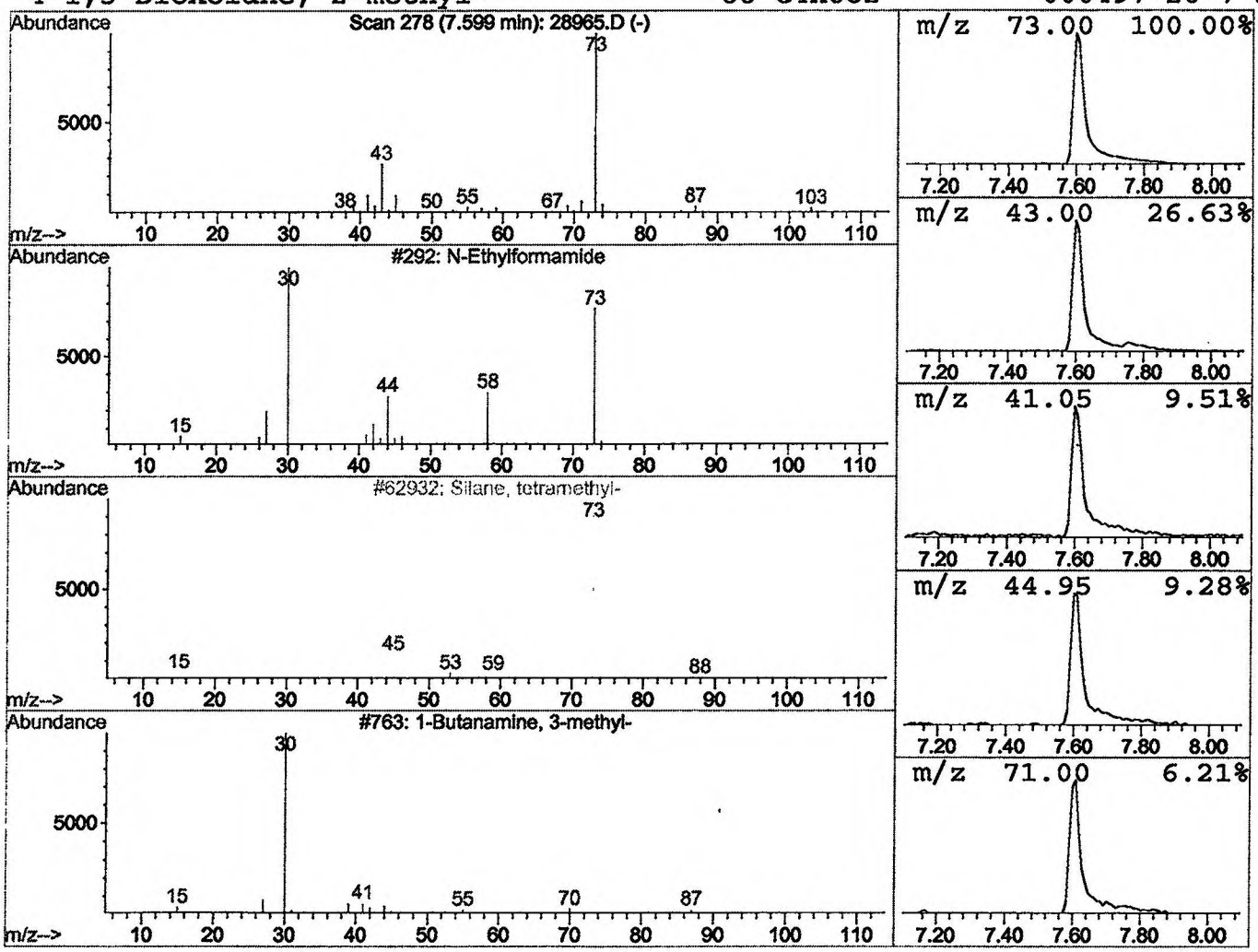
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.14 ug/l	784372	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 8 Dec 2001 12:42 am
Data File: C:\HPCHEM\1\DATA\DEC0701\28965.D
Name: 11/29 gc/ms scan
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	3.1	ug/l	784372	ISTD01	11.68	4997200	20.0

28965.D GCMS1126.M Thu Dec 13 10:20:47 2001