Comments for Sample AD28966 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-15-2001 Time: 09:10:07

A GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. 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: 09:10:23

Sample: AD28966
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/15/01 09:08 Ended: 12/15/01 09:08 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	TARGET	[illegible]		[illegible]

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\28966.D Vial: 12
Acq On : 8 Dec 2001 1:40 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 14:49 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	11.67	152	852442	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3282364	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1661421	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2361636	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1511635	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	942240	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	151715	5.40	ug/mL	-0.02
Spiked Amount 5.000			Recovery =	108.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.26	74	109	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	12.99	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	15.34	128	1217	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	21.02	165	308	N.D.		
25) Diethylphthalate	22.07	149	1457	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	23.15	77	105	N.D.		

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

Quantitation Report (QT Reviewed)

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Sample : 11/29 gc/ms scan 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 : 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	24.97	178	843	N.D.	
34)	Anthracene	24.97	178	843	N.D.	
35)	Di-n-butylphthalate	26.99	149	23171	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	1458	N.D.	
41)	Benzo(a)anthracene	33.01	228	3887	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	19031	N.D.	
43)	Chrysene	33.01	228	3887	N.D.	
45)	Di-n-Octylphthalate	35.04	149	179	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	3864	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.	

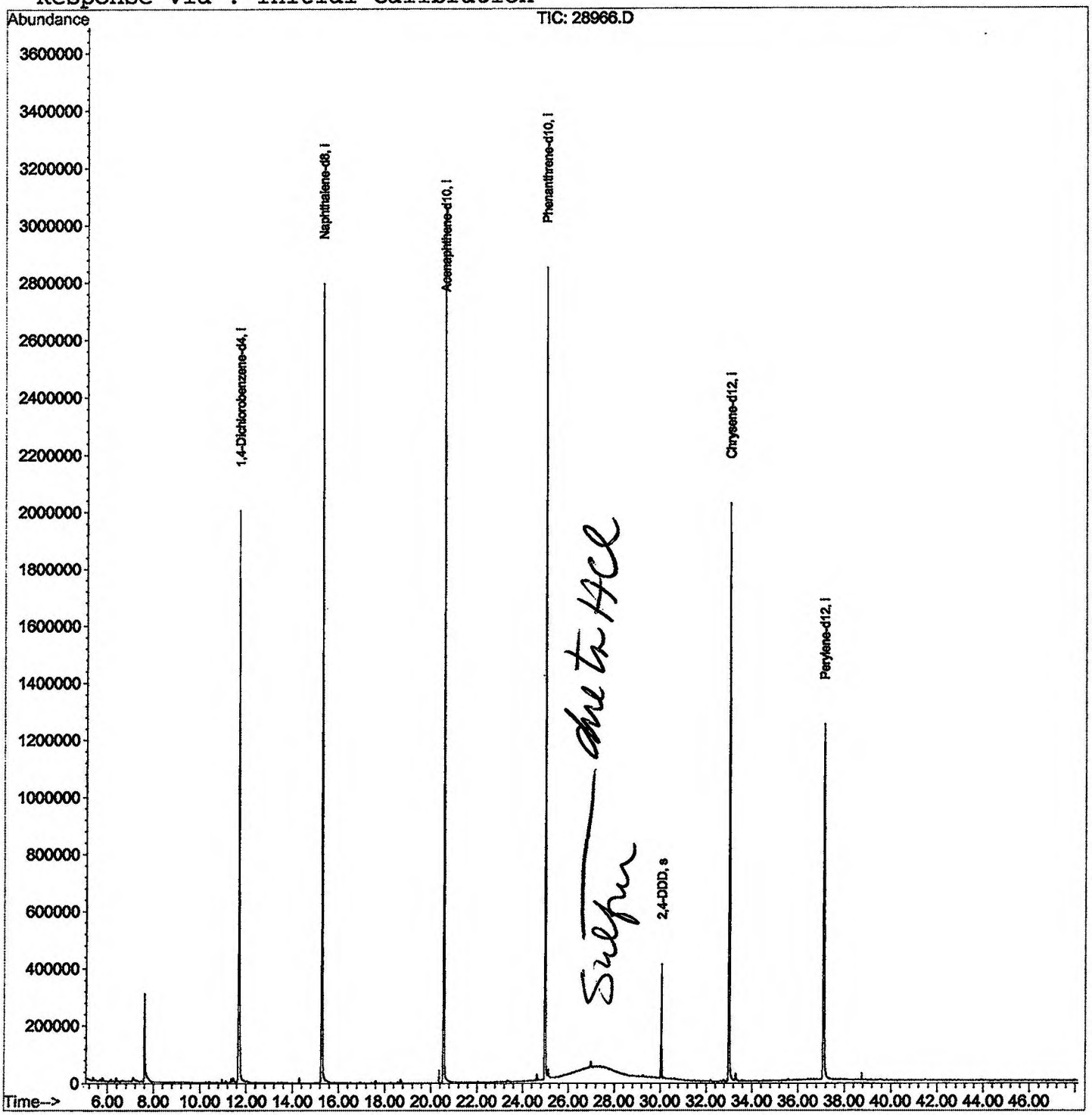
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28966.D
Acq On : 8 Dec 2001 1:40 am
Sample : 11/29 gc/ms scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 12 14:49 2001

Vial: 12
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\28966.D Vial: 12
Acq On : 8 Dec 2001 1:40 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

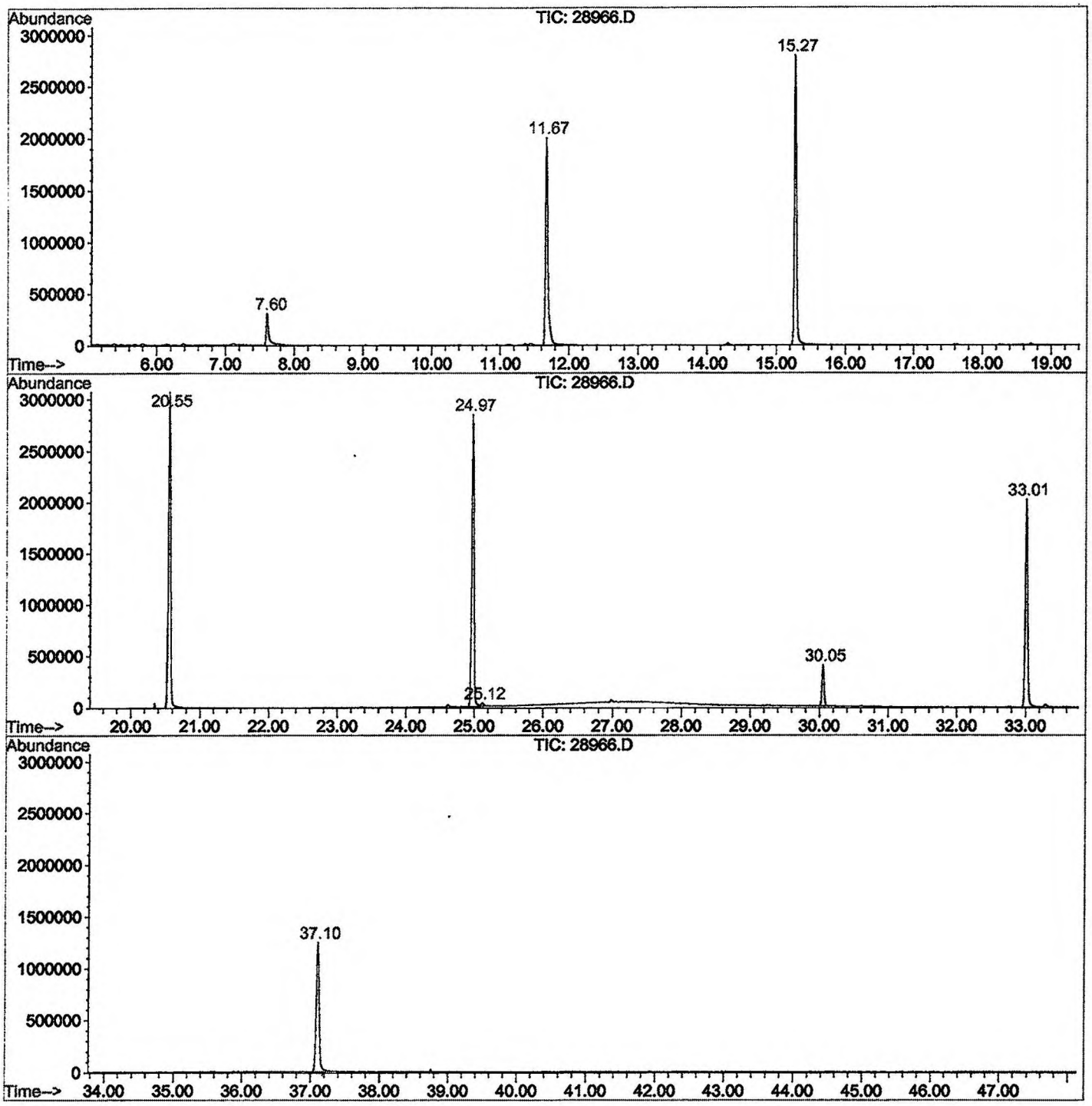
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.597	274	278	294	rBV	306572	805493	11.81%	2.366%
2	11.673	717	722	741	rBV	2001023	4703679	68.98%	13.818%
3	15.271	1109	1114	1132	rBV	2794573	6170100	90.48%	18.126%
4	20.550	1683	1689	1713	rBV	3072074	6819246	100.00%	20.033%
5	24.975	2164	2171	2183	rBV2	2839019	6280297	92.10%	18.450%
6	25.122	2183	2187	2194	rVB	27983	75341	1.10%	0.221%
7	30.052	2719	2724	2730	rVB	394925	811633	11.90%	2.384%
8	33.008	3039	3046	3063	rBV2	2022439	4748137	69.63%	13.949%
9	37.102	3484	3492	3514	rBV2	1241410	3625826	53.17%	10.652%

Sum of corrected areas: 34039752

28966.D GCMS1126.M Thu Dec 13 10:21:10 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0701\28966.D
Operator : 209 GALOS
Acquired : 8 Dec 2001 1:40 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/29 gc/ms scan
Misc Info :
Vial Number: 12
Quant File :GCMS1126.RES (RTE Integrator)



28966.D GCMS1126.M Thu Dec 13 10:21:16 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28966.D
Acq On : 8 Dec 2001 1:40 am
Sample : 11/29 gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

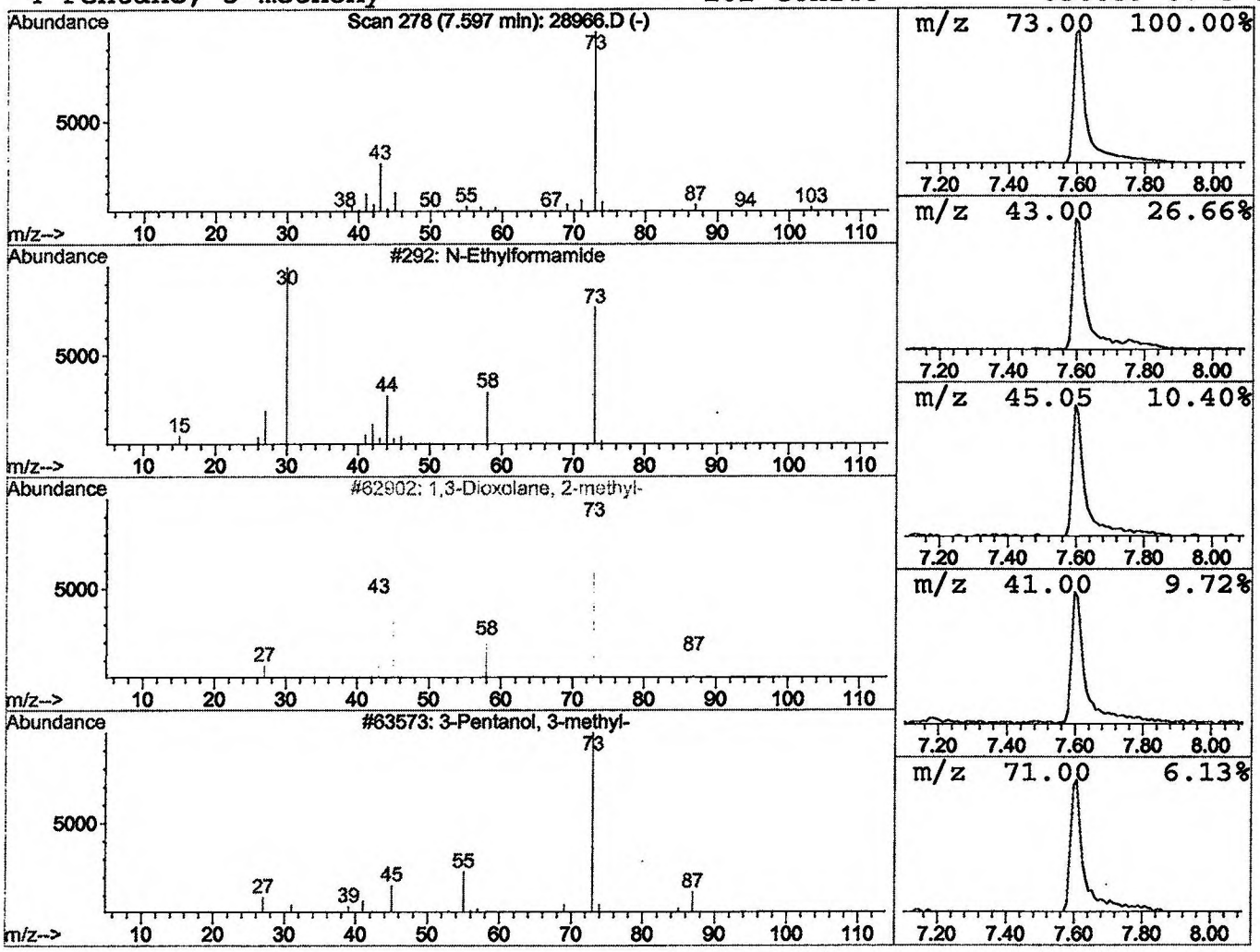
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.42 ug/l	805493	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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 8 Dec 2001 1:40 am
Data File: C:\HPCHEM\1\DATA\DEC0701\28966.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-~~Ethyl~~formamide	7.60	3.4	ug/l	805493	ISTD01	11.67	4703680	20.0

28966.D GCMS1126.M Thu Dec 13 10:21:25 2001