Comments for Sample AD28898 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-17-2001 Time: 10:28:35

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/17/2001 Time: 10:28:20

Sample: AD28898
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/17/01 10:28 Ended: 12/17/01 10:28 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\28898.D Vial: 27
Acq On : 12 Dec 2001 1:43 pm Operator: 209 GALOS
Sample : gc/ms scan 11/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 14:56 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : 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	1169803	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4532000	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2262329	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	3325510	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	2107263	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1425926	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	149266	3.77	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 75.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.19	74	416	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	1158	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	21.28	165	213	N.D.		
25) Diethylphthalate	22.07	149	828	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	22.70	77	111	N.D.		

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

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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	25.05	178	389	N.D.	
34)	Anthracene	25.05	178	389	N.D.	
35)	Di-n-butylphthalate	26.98	149	13642	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	210	N.D.	
41)	Benzo(a)anthracene	33.01	228	6925	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	12854	N.D.	
43)	Chrysene	33.09	228	1958	N.D.	
45)	Di-n-Octylphthalate	35.03	149	842	N.D.	
46)	Benzo(b)fluoranthene	36.06	252	1515	N.D.	
47)	Benzo(k)fluoranthene	36.12	252	1772	N.D.	
48)	Benzo(a)pyrene	36.93	252	755	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.	

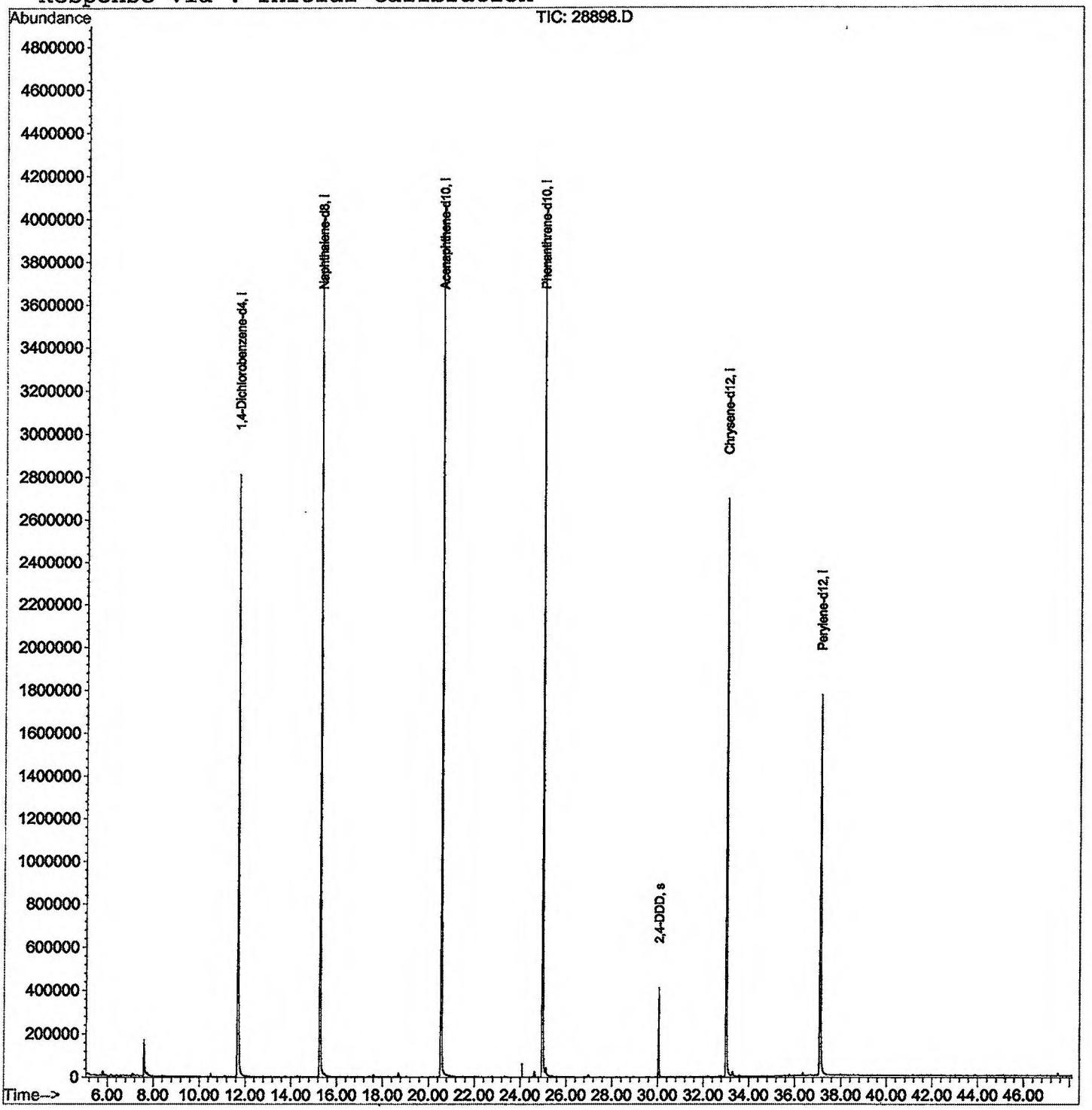
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1201\28898.D
Acq On : 12 Dec 2001 1:43 pm
Sample : gc/ms scan 11/28
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 12 14:56 2001

Vial: 27
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 : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1201\28898.D Vial: 27
Acq On : 12 Dec 2001 1:43 pm Operator: 209 GALOS
Sample : gc/ms scan 11/28 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

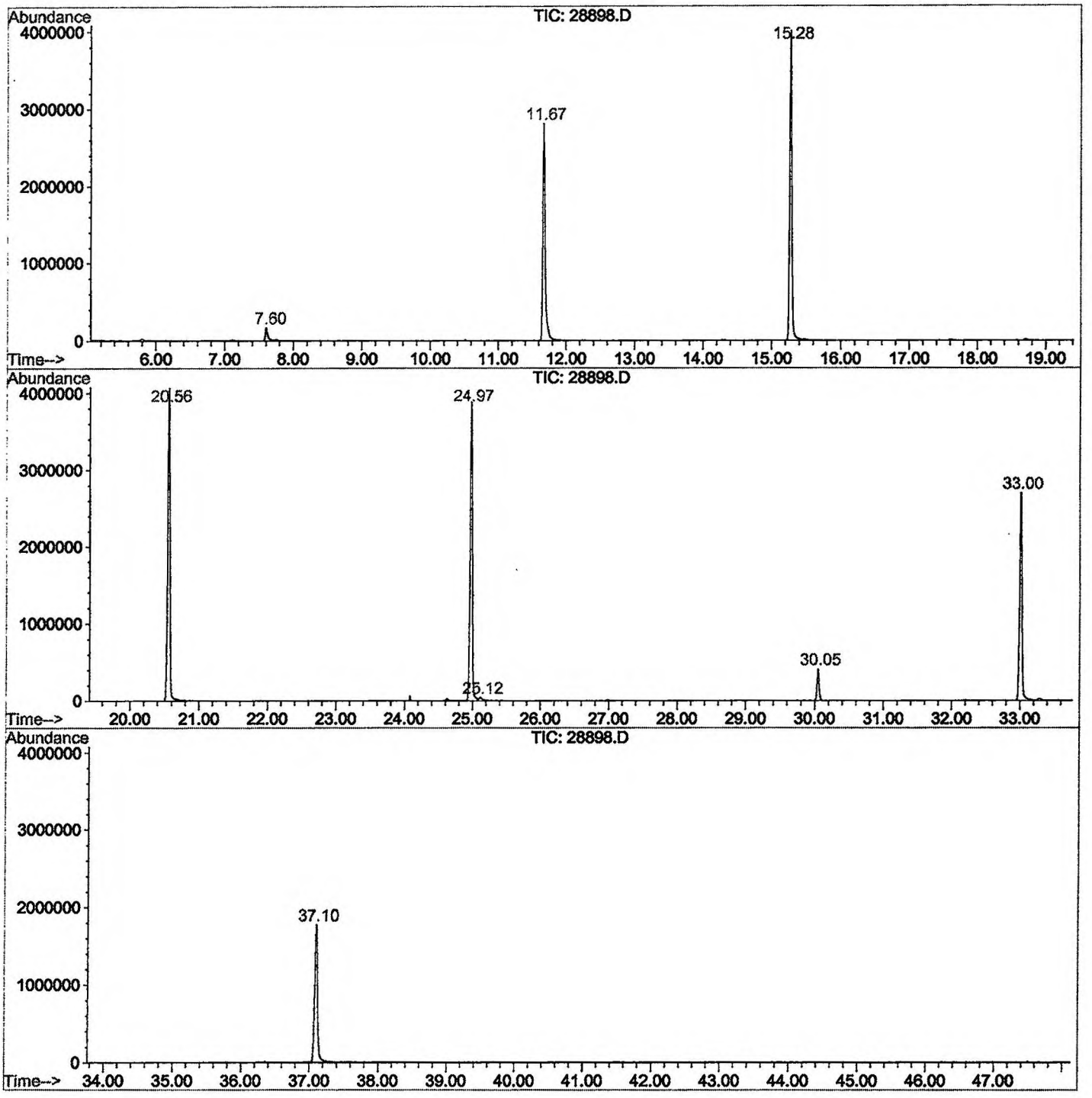
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	291	rBV	168126	408283	4.41%	0.881%
2	11.670	717	722	752	rBV	2809337	6486994	70.06%	13.990%
3	15.278	1109	1115	1133	rBV	3996359	8599595	92.88%	18.546%
4	20.556	1683	1690	1715	rBV	4079122	9259020	100.00%	19.968%
5	24.972	2165	2171	2183	rBV2	3884886	8815162	95.21%	19.011%
6	25.119	2183	2187	2203	rVB	39329	143722	1.55%	0.310%
7	30.049	2719	2724	2733	rBV	410574	815576	8.81%	1.759%
8	33.005	3040	3046	3066	rBV2	2694879	6620306	71.50%	14.278%
9	37.099	3484	3492	3510	rBV2	1767413	5220128	56.38%	11.258%

Sum of corrected areas: 46368786

28898.D GCMS1126.M Wed Dec 12 14:57:48 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\28898.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 1:43 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/28
Misc Info :
Vial Number: 27
Quant File :GCMS1126.RES (RTE Integrator)



28898.D GCMS1126.M Wed Dec 12 14:57:53 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\28898.D
Acq On : 12 Dec 2001 1:43 pm
Sample : gc/ms scan 11/28
Misc :
MS Integration Params: LSCINT.P

Vial: 27
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

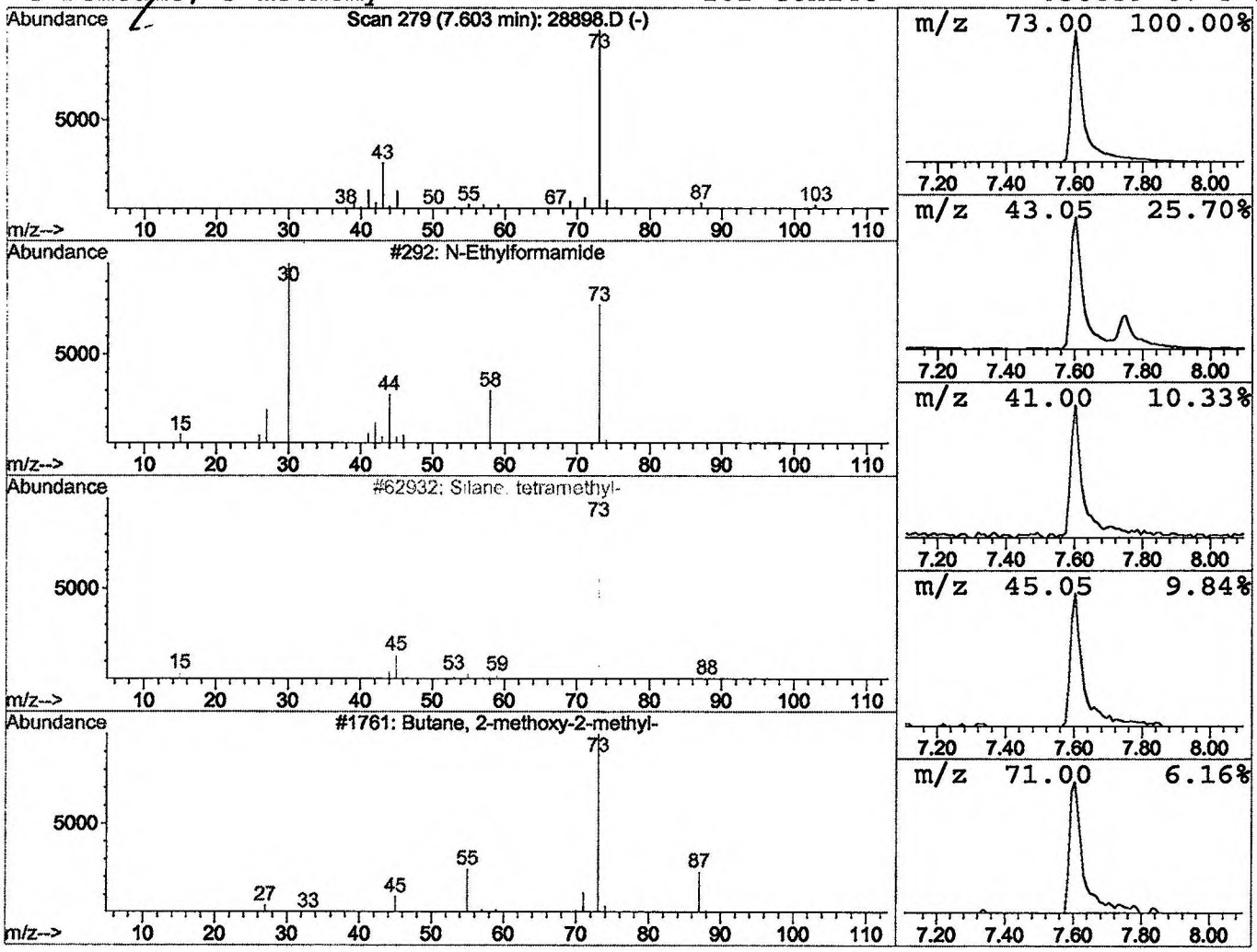
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	1.26 ug/l	408283	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 1:43 pm
Data File: C:\HPCHEM\1\DATA\DEC1201\28898.D
Name: gc/ms scan 11/28
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	1.3	ug/l	408283	ISTD01	11.67	6486990	20.0

28898.D GCMS1126.M Wed Dec 12 14:58:02 2001