User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/25/2002 Time: 10:21:35

Sample: AE01233
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/25/02 10:21 Ended: 2/25/02 10:21 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		108		5.0

Comments for Sample AE01233 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-25-2002 Time: 10:21:38

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 below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1802\1233.D Vial: 41
Acq On : 18 Feb 2002 5:03 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 20 15:40 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	285508	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1082314	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	557470	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	784943	20.00	ug/l	-0.04
38) Chrysene-d12	33.80	240	552756	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	382819	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	42445	5.39	ug/mL	0.32
Spiked Amount 5.000			Recovery = 107.80%			
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	16.02	128	905	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	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	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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Last Update : Wed Feb 13 11:43:23 2002
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DataAcq Meth : GCMS0208

	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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.69	149	1278	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	33.80	228	1374	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	724	N.D.	
43)	Chrysene	33.80	228	1374	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	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	38.09	252	1576	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

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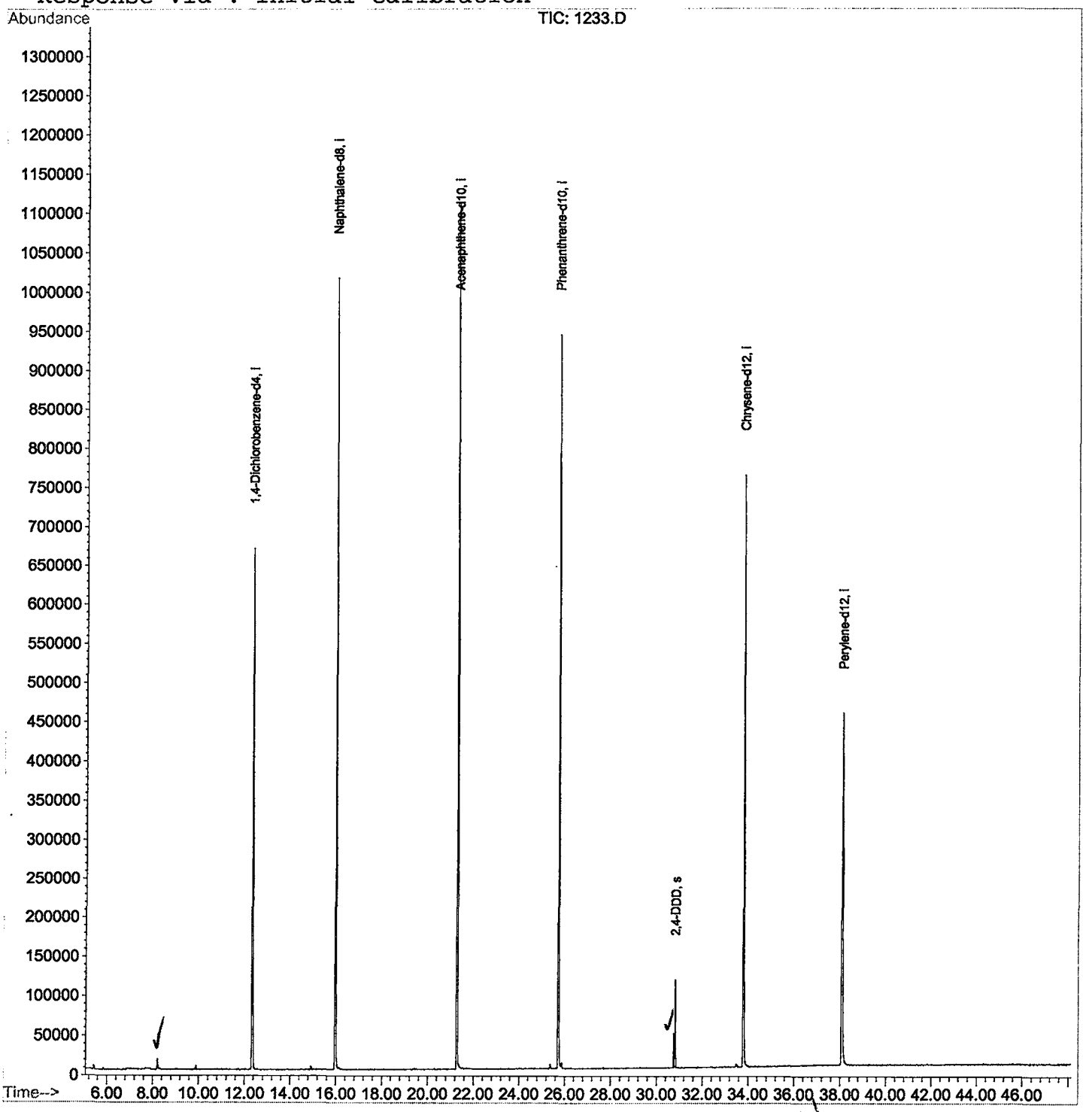
Acq On : 18 Feb 2002 5:03 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 20 15:40 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



elevated base due to air leak.

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1233.D Vial: 41
Acq On : 18 Feb 2002 5:03 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

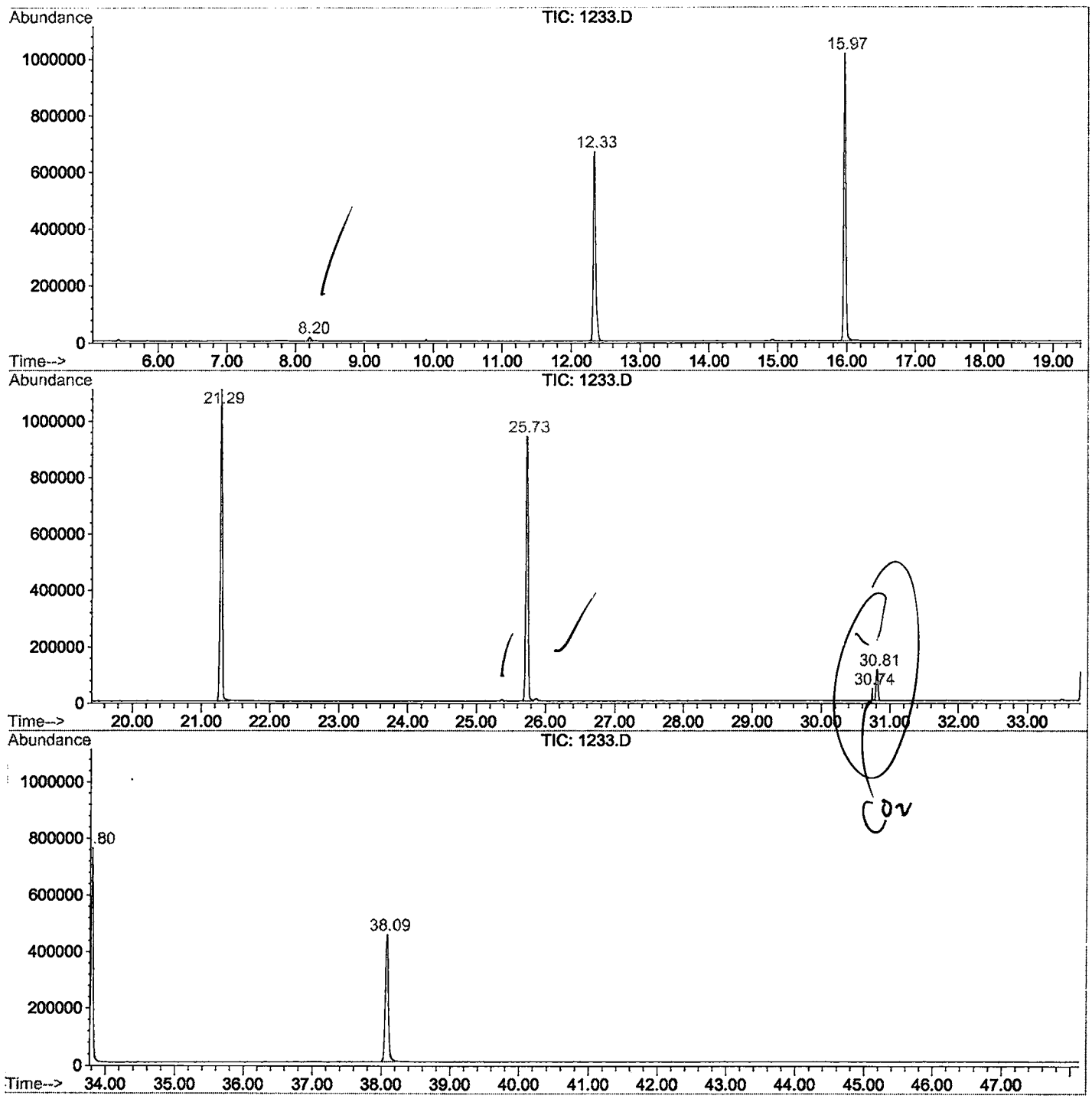
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.203	338	344	352	rBV	13715	31604	1.41%	0.279%
2	12.334	788	794	811	rVB	665379	1579189	70.58%	13.940%
3	15.970	1184	1190	1202	rBV	1010855	2064340	92.26%	18.223%
4	21.285	1763	1769	1783	rBV	1106035	2237589	100.00%	19.752%
5	25.728	2247	2253	2264	rBV2	937156	2112446	94.41%	18.648%
6	30.741	2797	2799	2801	rBV	42990	24293	1.09%	0.214%
7	30.814	2802	2807	2812	rBV	110799	219296	9.80%	1.936%
8	33.798	3126	3132	3146	rBV2	754728	1694636	75.73%	14.959%
9	38.085	3591	3599	3615	rBV	446787	1364863	61.00%	12.048%

Sum of corrected areas: 11328256

1233.D GCMS0208.M Thu Feb 21 09:34:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1802\1233.D
Operator : 209 GALOS
Acquired : 18 Feb 2002 5:03 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/17
Misc Info :
Vial Number: 41
Quant File :GCMS0208.RES (RTE Integrator)



1233.D GCMS0208.M Thu Feb 21 09:34:43 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1233.D
Acq On : 18 Feb 2002 5:03 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 41
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

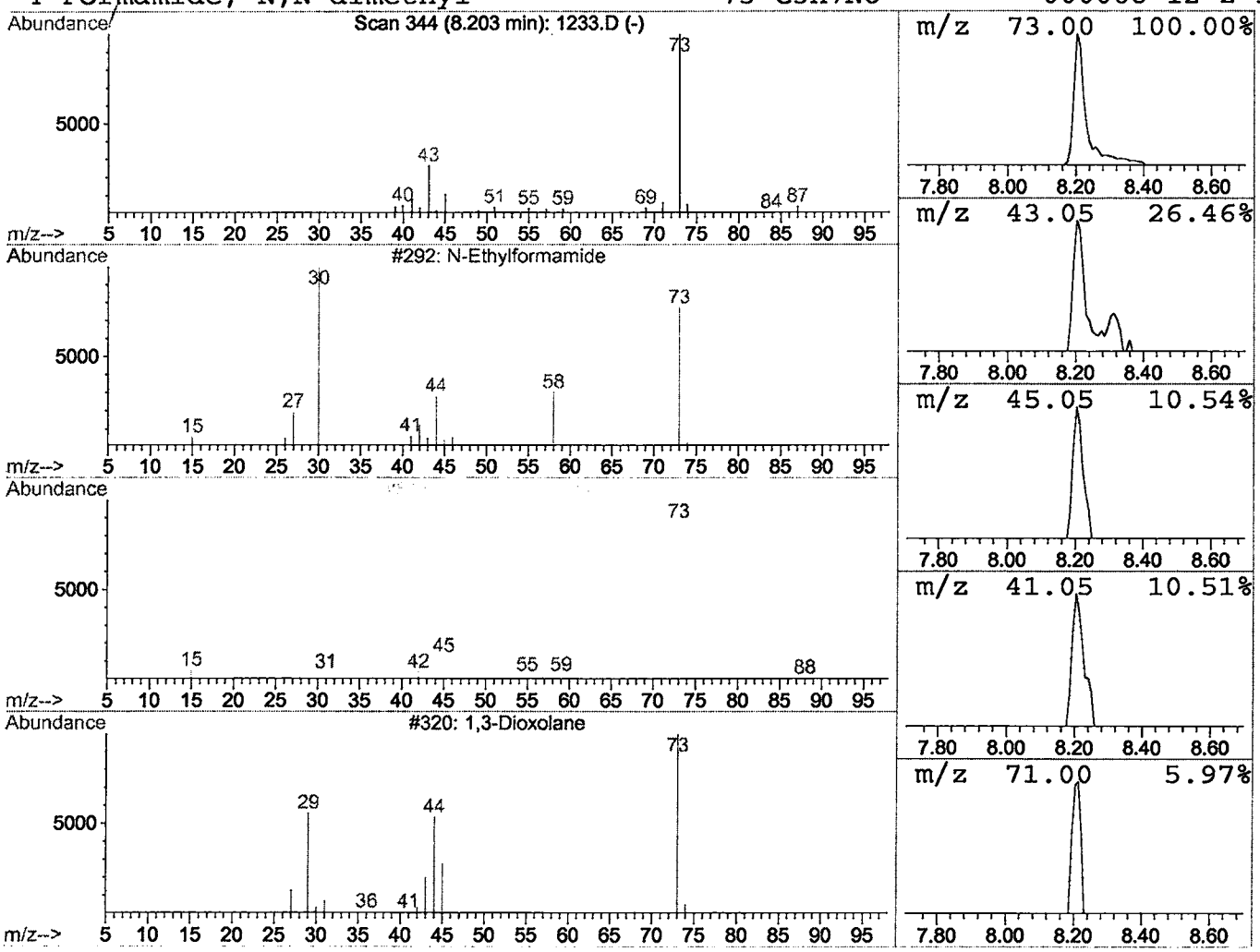
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.40 ug/l	31604	1,4-Dichlorobenzene-d4	12.33

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	1,3-Dioxolane	74	C3H6O2	000646-06-0	7
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1233.D
Acq On : 18 Feb 2002 5:03 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 41
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

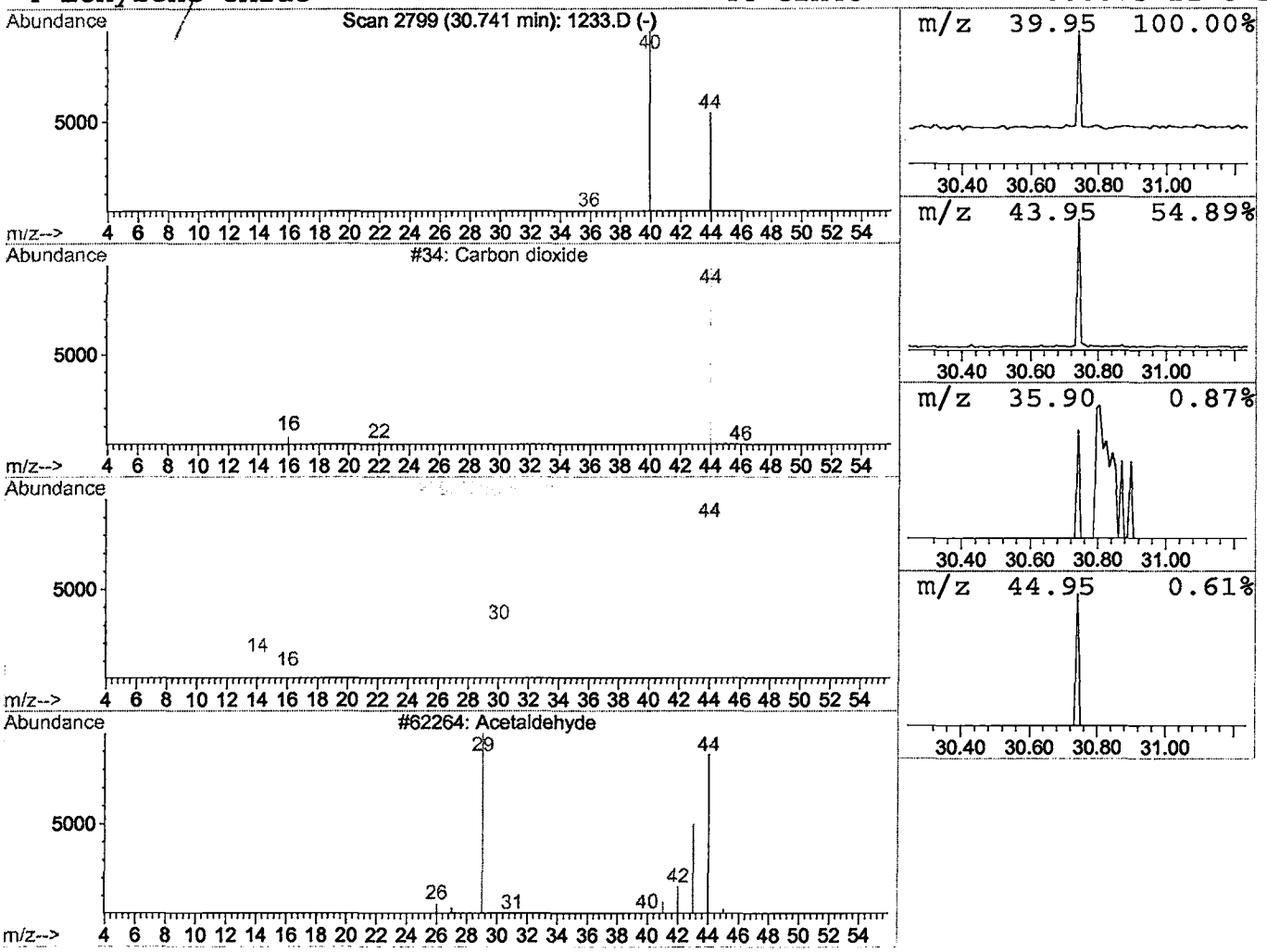
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Carbon dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.74	0.29 ug/l	24293	Chrysene-d12	33.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon dioxide	44	CO2	000124-38-9	3
2	Nitrous Oxide	44	N2O	010024-97-2	3
3	Acetaldehyde	44	C2H4O	000075-07-0	2
4	Ethylene oxide	44	C2H4O	000075-21-8	2



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Feb 2002 5:03 pm
Data File: C:\HPCHEM\1\DATA\FEB1802\1233.D
Name: gc/ms scan 1/17
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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	8.20	0.4	ug/l	31604	ISTD01	12.33	1579190	20.0
Carbon dioxide	30.74	0.3	ug/l	24293	ISTD05	33.80	1694640	20.0

1233.D GCMS0208.M Thu Feb 21 09:34:57 2002