User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 11:47:31

Sample: AE01332
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/27/02 11:46 Ended: 2/27/02 11:46 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		5.0

Comments for Sample AE01332 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-27-2002 Time: 11:47:59

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1902\1332.D Vial: 5
Acq On : 19 Feb 2002 2:07 pm Operator: 209 GALOS
Sample : gc/ms scan 1/18 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 21 14:20 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	267063	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1008767	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	529511	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	720934	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	462264	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	317683	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	28715	3.97	ug/mL	0.31
Spiked Amount 5.000			Recovery = 79.40%			
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	16.03	128	397			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

Quantitation Report (QT Reviewed)

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Acq On : 19 Feb 2002 2:07 pm Operator: 209 GALOS
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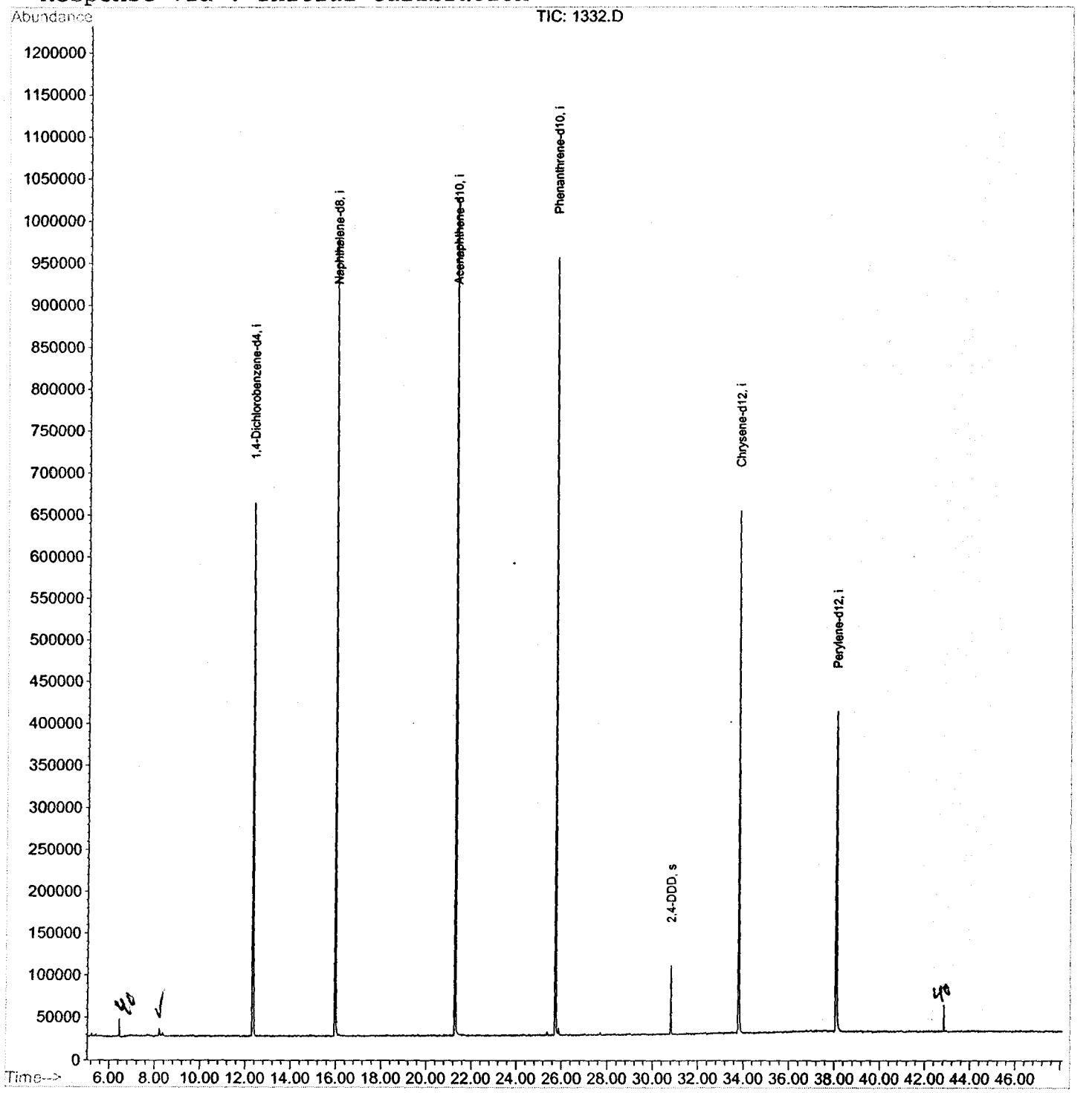
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

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	25.73	178	104	N.D.	
34) Anthracene	0.00	178	0	N.D.	
35) Di-n-butylphthalate	27.70	149	5186	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	983	N.D.	
42) Bis(2-ethylhexyl)phthalate	34.00	149	816	N.D.	
43) Chrysene	33.80	228	983	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	1178	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
1332.D GCMS0208.M Thu Feb 21 14:22:55 2002 Page 2

Data File : C:\HPCHEM\1\DATA\FEB1902\1332.D Vial: 5
Acq On : 19 Feb 2002 2:07 pm Operator: 209 GALOS
Sample : gc/ms scan 1/18 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 21 14:20 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1902\1332.D
Acq On : 19 Feb 2002 2:07 pm
Sample : gc/ms scan 1/18
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

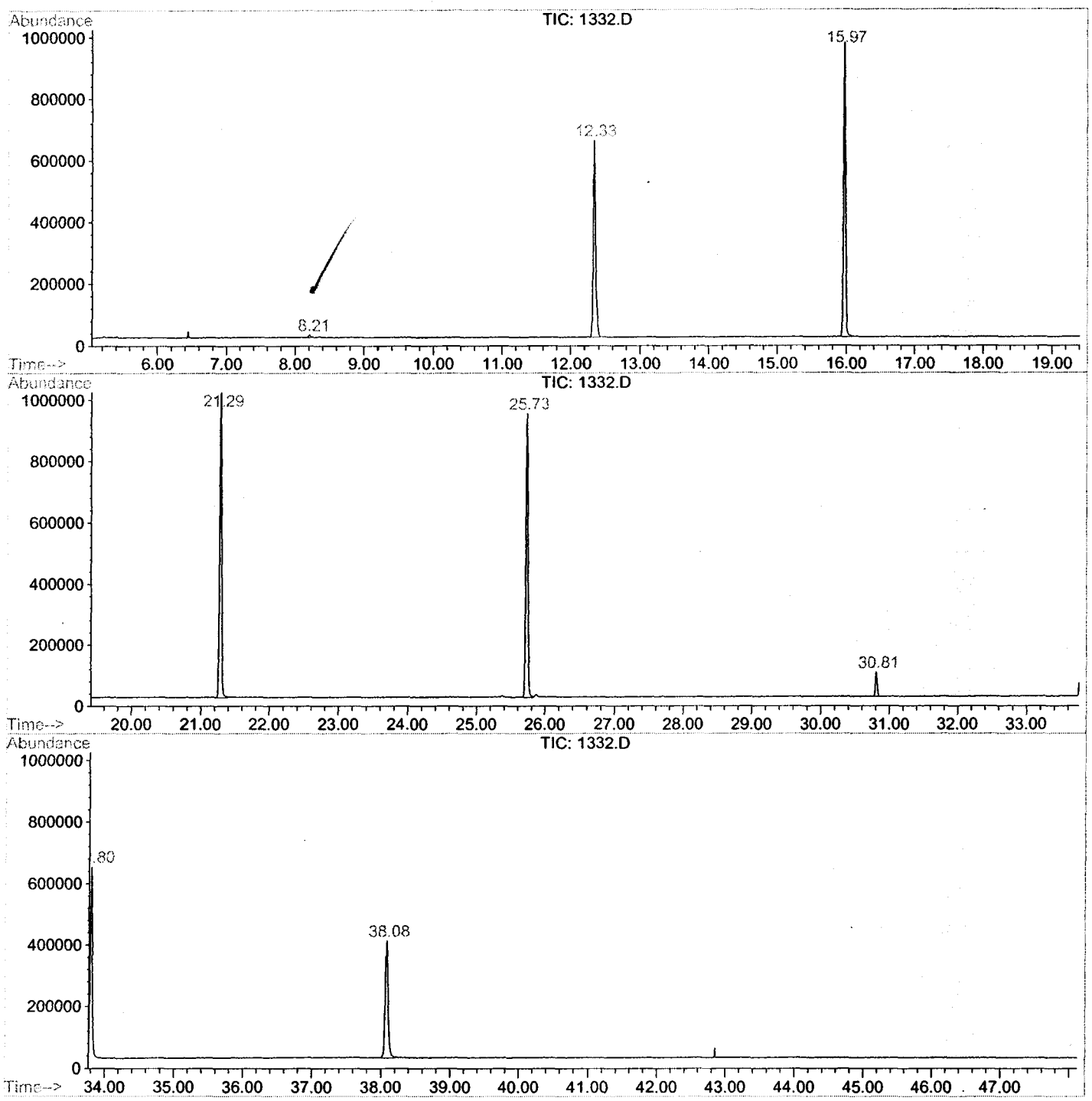
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.208	339	345	350	rBV2	9265	21843	1.04%	0.214%
2	12.330	789	794	804	rBV	636866	1491621	70.94%	14.620%
3	15.975	1185	1191	1203	rBV	952046	1932586	91.91%	18.942%
4	21.290	1763	1770	1781	rBV	998400	2102646	100.00%	20.609%
5	25.733	2247	2254	2265	rBV2	928051	1941760	92.35%	19.032%
6	30.810	2802	2807	2813	rVB	81154	146995	6.99%	1.441%
7	33.803	3126	3133	3147	rBV2	623170	1417327	67.41%	13.892%
8	38.081	3591	3599	3613	rBV	381747	1147680	54.58%	11.249%

Sum of corrected areas: 10202458

1332.D GCMS0208.M Thu Feb 21 15:25:47 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1902\1332.D
Operator : 209 GALOS
Acquired : 19 Feb 2002 2:07 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/18
Misc Info :
Vial Number: 5
Quant File :GCMS0208.RES (RTE Integrator)



1332.D GCMS0208.M Thu Feb 21 15:25:53 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1902\1332.D
Acq On : 19 Feb 2002 2:07 pm
Sample : gc/ms scan 1/18
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

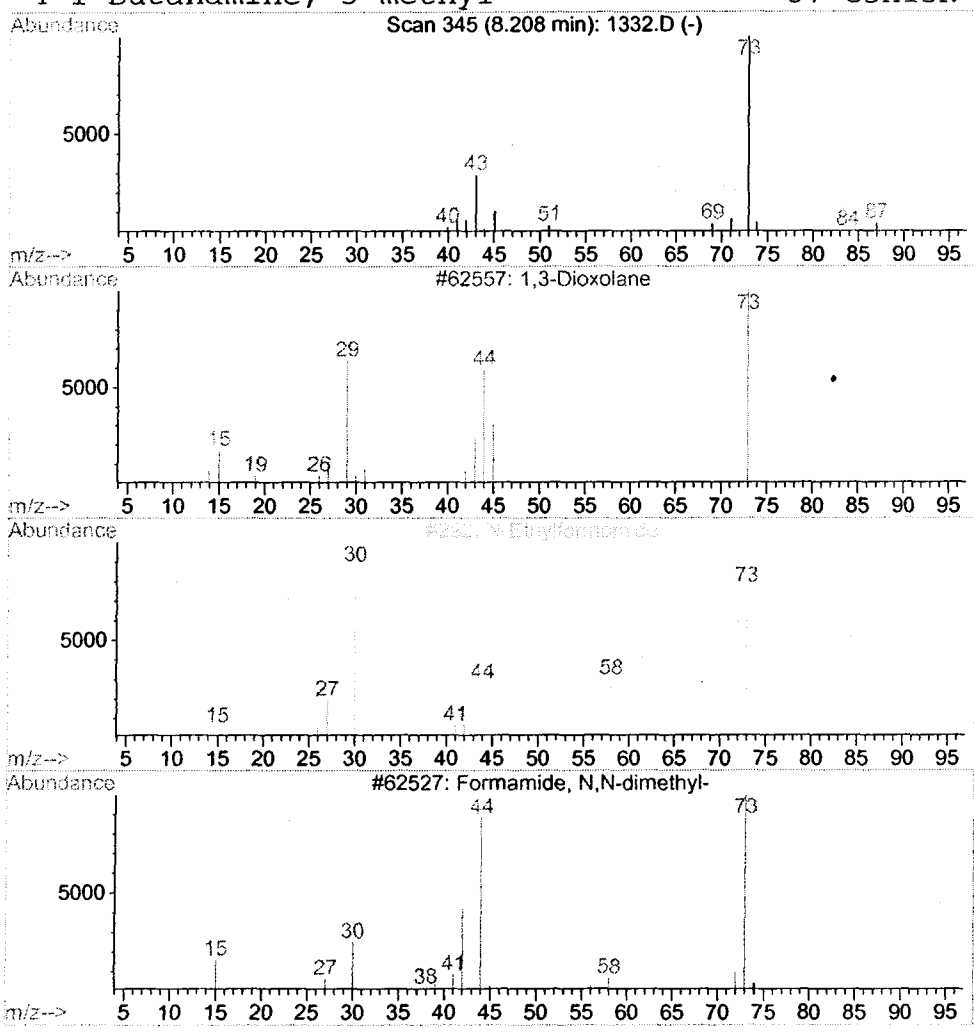
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

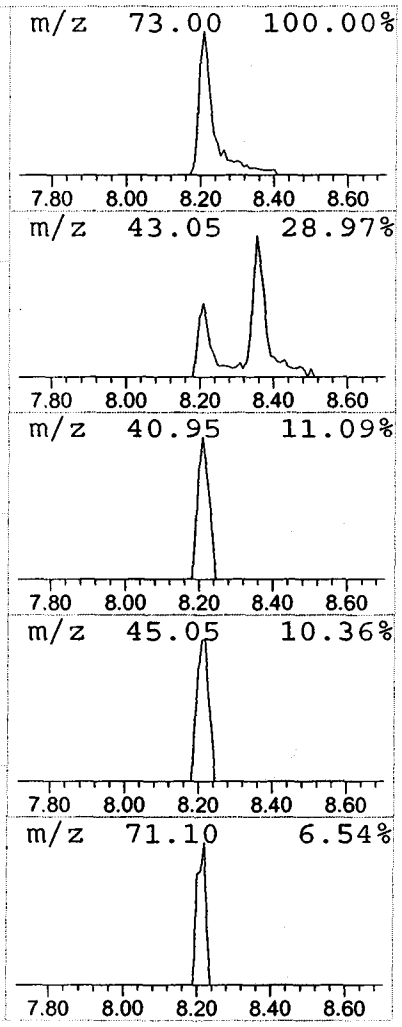
****

Peak Number 1 1,3-Dioxolane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	0.29 ug/l	21843	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	7
2	N-Ethylformamide	73	C3H7NO	000627-45-2	5
3	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	3





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Feb 2002 2:07 pm
Data File: C:\HPCHEM\1\DATA\FEB1902\1332.D
Name: gc/ms scan 1/18
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
1,~~3-Dioxolane~~	8.21	0.3	ug/l	21843	ISTD01	12.33	1491620	20.0

1332.D GCMS0208.M Thu Feb 21 15:26:02 2002