User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 14:04:27

Sample: AE01404
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/27/02 12:18 Ended: 2/27/02 12:18 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AE01404 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-27-2002 Time: 14:04:25

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

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...03 pm In
Mu

Quantitation Report (QT Reviewed)

Data : C:\HPCHEM\1\DATA\FEB1902\1404.D Vial: 13
Acq : 19 Feb 2002 10:03 pm Operator: 209
Sam : gc/ms scan 1/18 Inst : GC/M
Multiplr: 1.00
Migration Params: GOOFY.P
MS Time: Feb 21 15:02 2002 Quant Results File: GCMS(
Q
ant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
itle : 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	300413	20.00	ug/l	-0.02
10) Naphthalene-d8	15.98	136	1134914	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	578426	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	814179	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	513890	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	349847	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	37113	4.54	ug/mL	0.31
Spiked Amount 5.000			Recovery =	90.80%		
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-Nitoso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexaoroethane	0.00	117	0	N.D.		
11) Nitrozene	0.00	77	0	N.D.		
12) Isophne	0.00	82	0	N.D.		
13) bis(2oroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-hlorobenzene	0.00	180	0	N.D.		
15) Naphtha e	16.03	128	699	N.D.		
16) Hexachl utadiene	0.00	225	0	N.D.		
18) Hexachl yclopentadiene	0.00	237	0	N.D.		
19) 2-Chlor thalene	0.00	162	0	N.D.		
20) Dimethyl alate	0.00	163	0	N.D.		
21) 2,6-Dini luene	0.00	165	0	N.D.		
22) Acenapth	0.00	152	0	N.D.		
23) Acenapth	0.00	153	0	N.D.		
24) 2,4-Dinit ene	0.00	165	0	N.D.		
25) Diethylpht	22.75	149	235	N.D.		
26) 4-Chloroph henylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ -phenylhyd	0.00	77	0	N.D.		

(#) = qualifier out, (m) = manual integration
1404.D GCMS0208.range Thu Feb 21 15:07:33 2002

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02

Data File : C:\HPCHEM\1\DATA\FEB1902\1404.D Vial: 13
Acq On : 19 Feb 2002 10:03 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 15:02 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	300413	20.00	ug/l	-0.02
10) Naphthalene-d8	15.98	136	1134914	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	578426	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	814179	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	513890	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	349847	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	37113	4.54	ug/mL	0.31
Spiked Amount 5.000			Recovery = 90.80%			
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	16.03	128	699	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	22.75	149	235	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
1404.D GCMS0208.M Thu Feb 21 15:07:33 2002 Page 1

Data File : C:\HPCHEM\1\DATA\FEB1902\1404.D Vial: 13
Acq On : 19 Feb 2002 10:03 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 15:02 2002 Quant Results File: GCMS0208.RES

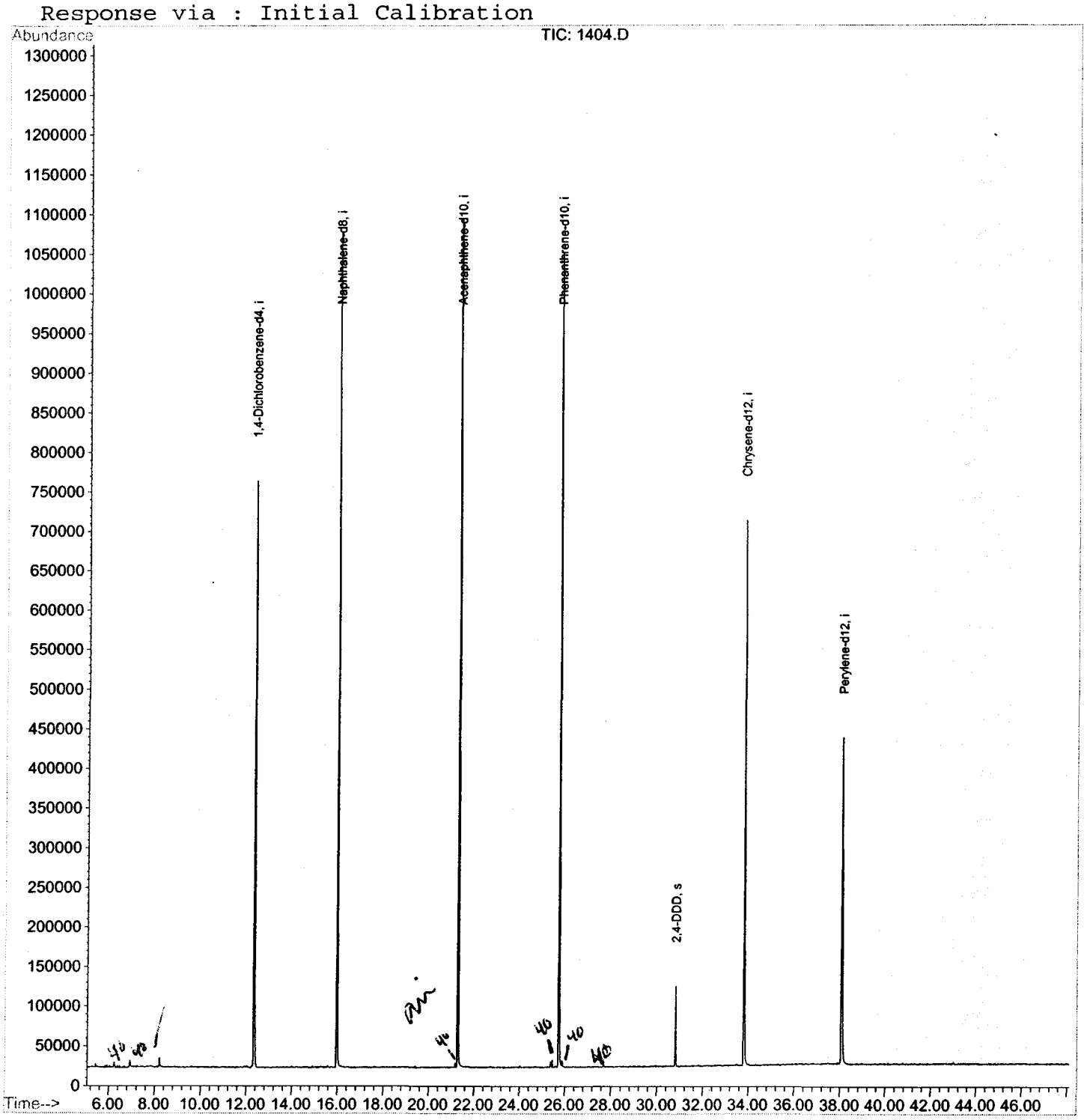
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	100	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.70	149	8168	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	1155	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	674	N.D.	
43)	Chrysene	33.80	228	1156	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	1309	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
1404.D GCMS0208.M Thu Feb 21 15:07:37 2002 Page 2

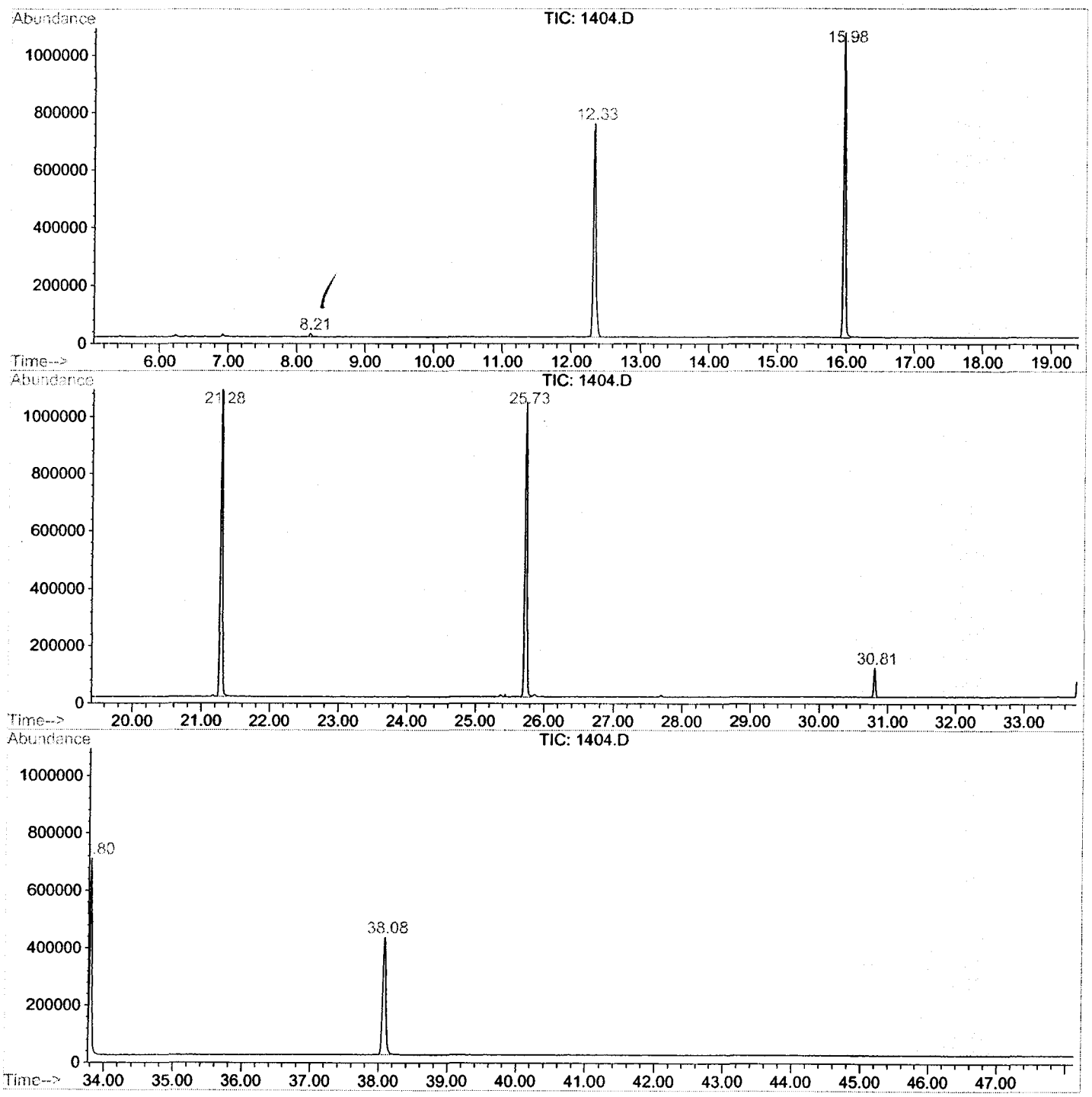
Data File : C:\HPCHEM\1\DATA\FEB1902\1404.D Vial: 13
Acq On : 19 Feb 2002 10:03 pm Operator: 209 GALOS
Sample : gc/ms scan 1/18 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 21 15:02 2002 Quant Results File: GCMS0208.RES

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 Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1902\1404.D
Operator : 209 GALOS
Acquired : 19 Feb 2002 10:03 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/18
Misc Info :
Vial Number: 13
Quant File :GCMS0208.RES (RTE Integrator)



1404.D GCMS0208.M Thu Feb 21 15:30:05 2002

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  Data File : C:\HPCHEM\1\DATA\FEB1902\1404.D              Vial: 13
  Acq On    : 19 Feb 2002  10:03 pm                    Operator: 209  GALOS
  Sample    : gc/ms scan 1/18                          Inst    : GC/MS 209
  Misc      :                                          Multiplr: 1.00
  MS Integration Params: LSCINT.P

  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.
----------------------------------------------------------------------
  8.21    0.30 ug/l        25097    1,4-Dichlorobenzene-d4      12.33

 Hit# of  5    Tentative ID                  MW  MolForm       CAS#        Qual
-------------------------------------------------------------------------------
 1 N-Ethylformamide                         73 C3H7NO        000627-45-2 5
 2 1-Butanamine, 2-methyl-                  87 C5H13N        000096-15-1 5
 3 1,3-Dioxolane                            74 C3H6O2        000646-06-0 5
 4 1-Butanamine, 3-methyl-                  87 C5H13N        000107-85-7 4
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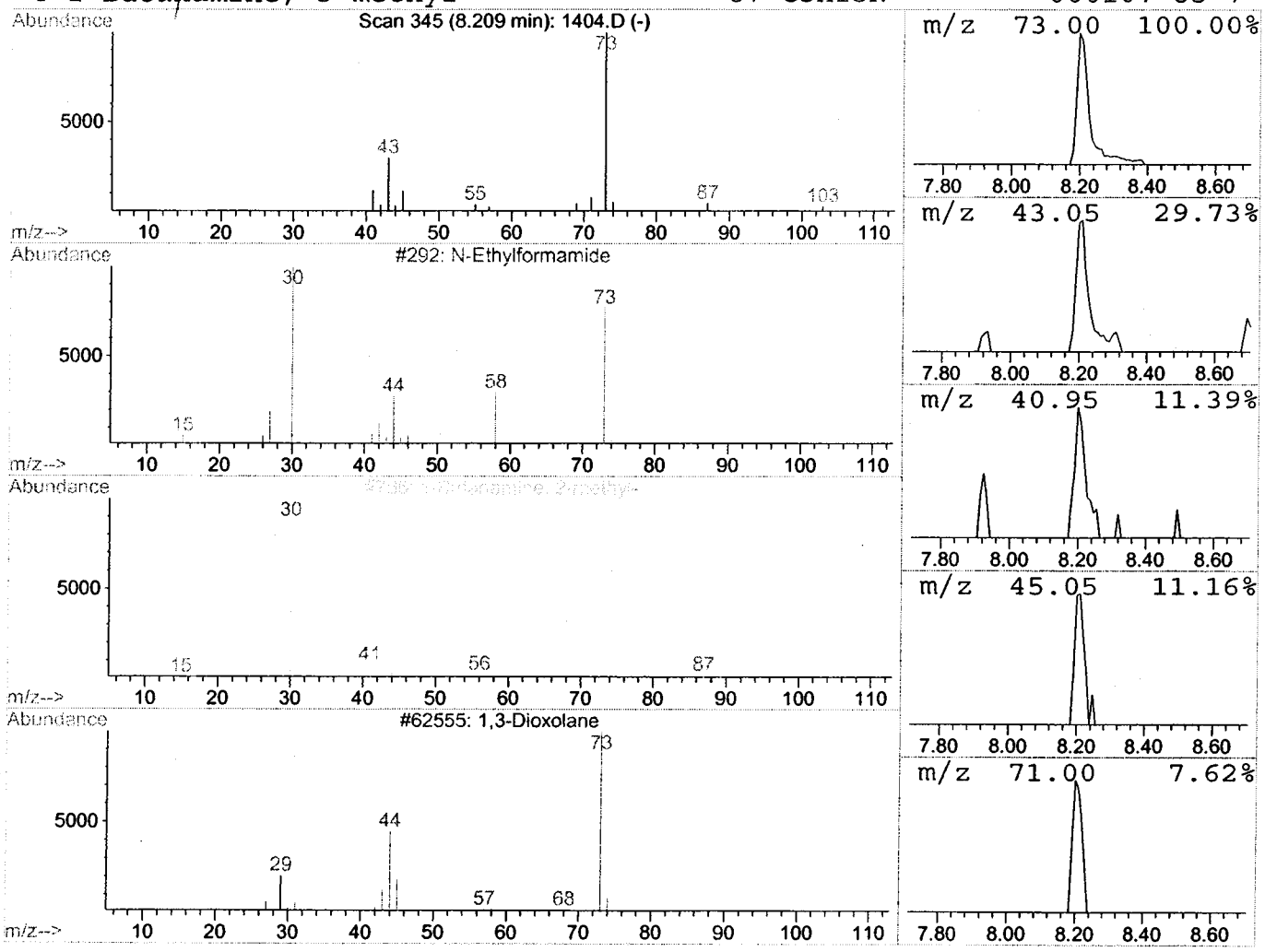

Tentatively Identified Compound (TIC) Summary

Operator ID: 209 GALOS Date Acquired: 19 Feb 2002 10:03 pm
Data File: C:\HPCHEM\1\DATA\FEB1902\1404.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
N-Ethylformamide	8.21	0.3	ug/l	25097	ISTD01	12.33	1664580	20.0

1404.D GCMS0208.M Thu Feb 21 15:30:14 2002