User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 12:16:33

Sample: AE01402
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/27/02 12:16 Ended: 2/27/02 12:16 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		5.0

Comments for Sample AE01402 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-27-2002 Time: 12:16:40

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

Data File : C:\HPCHEM\1\DATA\FEB1902\1402.D Vial: 11
Acq On : 19 Feb 2002 8:07 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 14:58 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	293543	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1112576	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.28	164	565452	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	772747	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	469693	20.00	ug/l	-0.05
44) Perylene-d12	38.07	264	304107	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	34660	4.47	ug/mL	0.32
Spiked Amount 5.000			Recovery = 89.40%			
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	16.02	128	553	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
1402.D GCMS0208.M Thu Feb 21 14:59:48 2002 Page 1

Data File : C:\HPCHEM\1\DATA\FEB1902\1402.D Vial: 11
Acq On : 19 Feb 2002 8:07 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 14:58 2002 Quant Results File: GCMS0208.RES

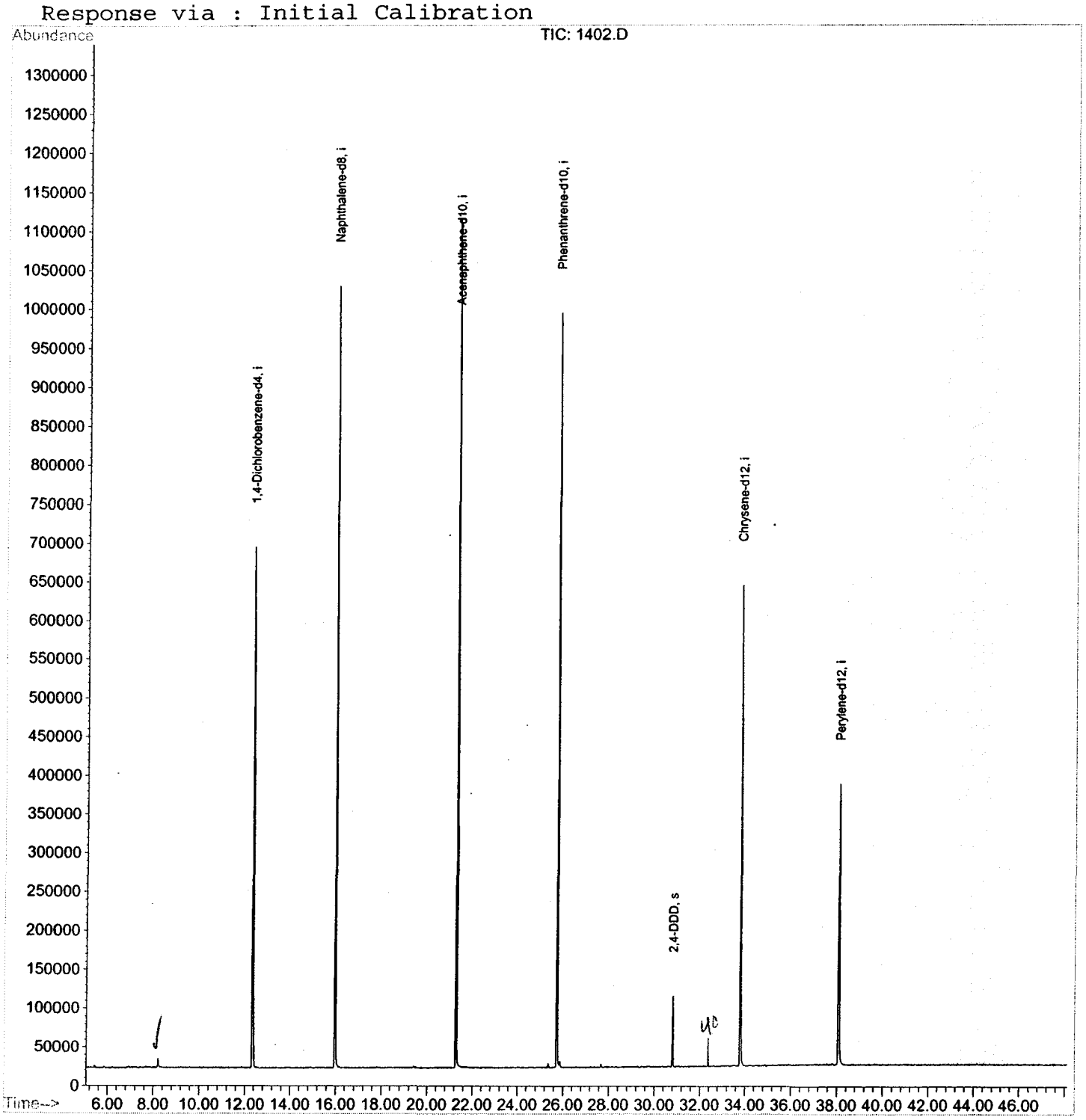
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.69	149	5499	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	1103	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	218	N.D.	
43)	Chrysene	33.80	228	1103	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	38.08	252	1092	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
1402.D GCMS0208.M Thu Feb 21 14:59:52 2002 Page 2

Data File : C:\HPCHEM\1\DATA\FEB1902\1402.D Vial: 11
Acq On : 19 Feb 2002 8:07 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 14:58 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



Data File : C:\HPCHEM\1\DATA\FEB1902\1402.D Vial: 11
Acq On : 19 Feb 2002 8:07 pm Operator: 209 GALOS
Sample : gc/ms scan 1/18 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

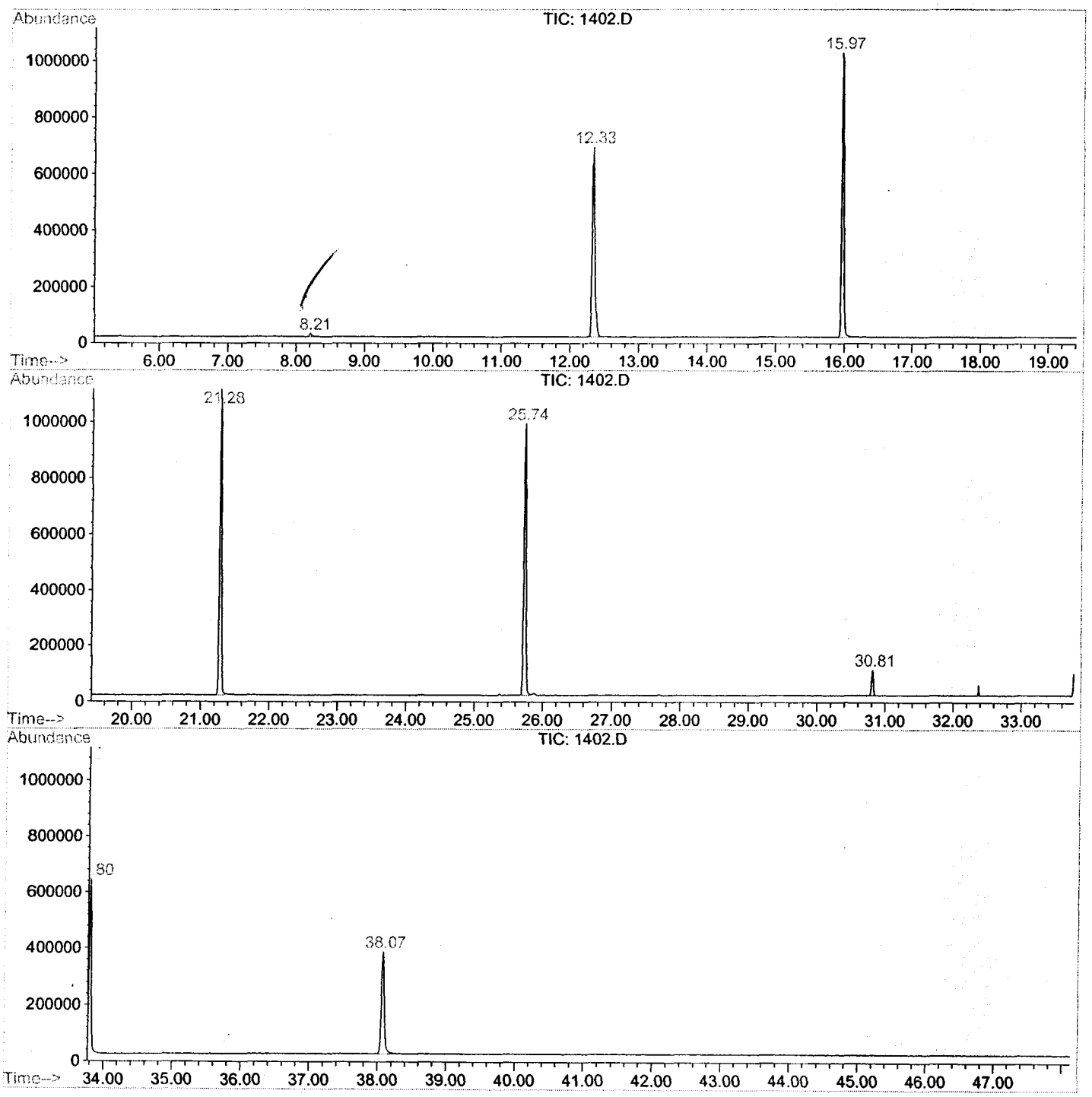
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.211	340	345	352	rBV2	12008	27043	1.20%	0.250%
2	12.333	788	794	805	rBV	672503	1639270	72.72%	15.153%
3	15.969	1184	1190	1204	rBV	1006932	2141280	94.99%	19.793%
4	21.284	1763	1769	1777	rBV	1092639	2254331	100.00%	20.838%
5	25.737	2247	2254	2262	rBV2	970678	2067489	91.71%	19.111%
6	30.813	2802	2807	2812	rVB	91239	175629	7.79%	1.623%
7	33.797	3126	3132	3149	rBV2	620537	1436736	63.73%	13.280%
8	38.075	3591	3598	3612	rBV2	361276	1076692	47.76%	9.952%

Sum of corrected areas: 10818470

1402.D GCMS0208.M Thu Feb 21 15:28:44 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1902\1402.D
Operator : 209 GALOS
Acquired : 19 Feb 2002 8:07 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/18
Misc Info :
Vial Number: 11
Quant File :GCMS0208.RES (RTE Integrator)



1402.D GCMS0208.M Thu Feb 21 15:28:49 2002

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  Data File : C:\HPCHEM\1\DATA\FEB1902\1402.D              Vial: 11
  Acq On    : 19 Feb 2002    8:07 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    0.33 ug/l         27043    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 Butane, 2-methoxy-2-methyl-            102 C6H14O        000994-05-8 9
 3 1-Butanamine, 3-methyl-                 87 C5H13N        000107-85-7 4
 4 Octanal, 7-methoxy-3,7-dimethyl-       186 C11H22O2      003613-30-7 4
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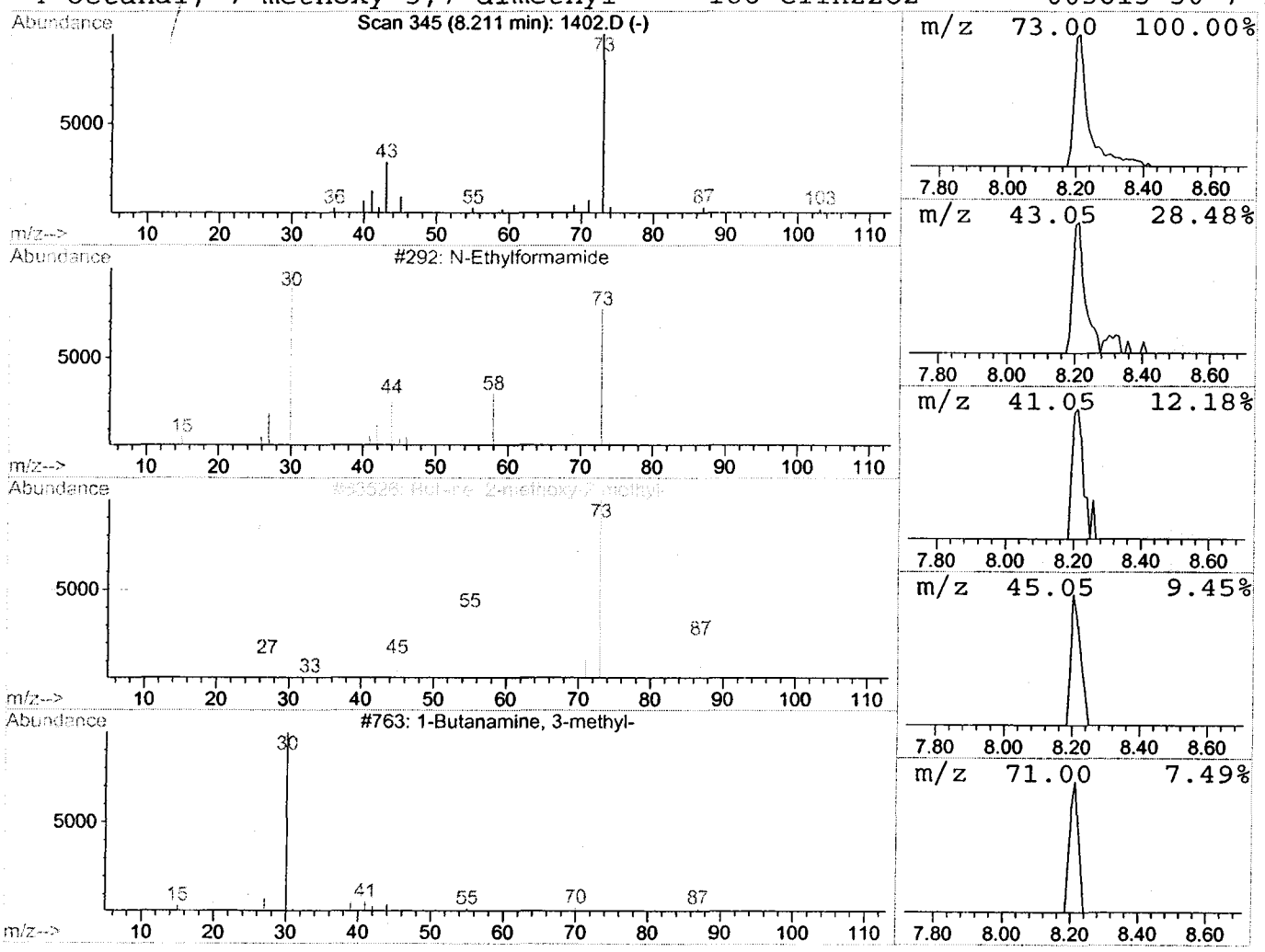

Tentatively Identified Compound (ESC) Summary

Operator ID: 209 GALOS Date Acquired: 19 Feb 2002 8:07 pm
Data File: C:\HPCHEM\1\DATA\FEB1902\1402.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	27043	ISTD01	12.33	1639270	20.0

1402.D GCMS0208.M Thu Feb 21 15:28:58 2002