User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/25/2002 Time: 10:18:35

Sample: AE01227
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/25/02 10:17 Ended: 2/25/02 10:17 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Comments for Sample AE01227 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-25-2002 Time: 10:18:41

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\1227.D Vial: 40
Acq On : 18 Feb 2002 4:05 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 15:38 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	276128	20.00	ug/l	-0.03
10) Naphthalene-d8	15.97	136	1049846	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	551729	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	747386	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	483781	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	326652	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	40259	5.37	ug/mL	0.31
Spiked Amount 5.000			Recovery = 107.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.58	93	2437	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	16.04	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	22.77	149	807	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.		

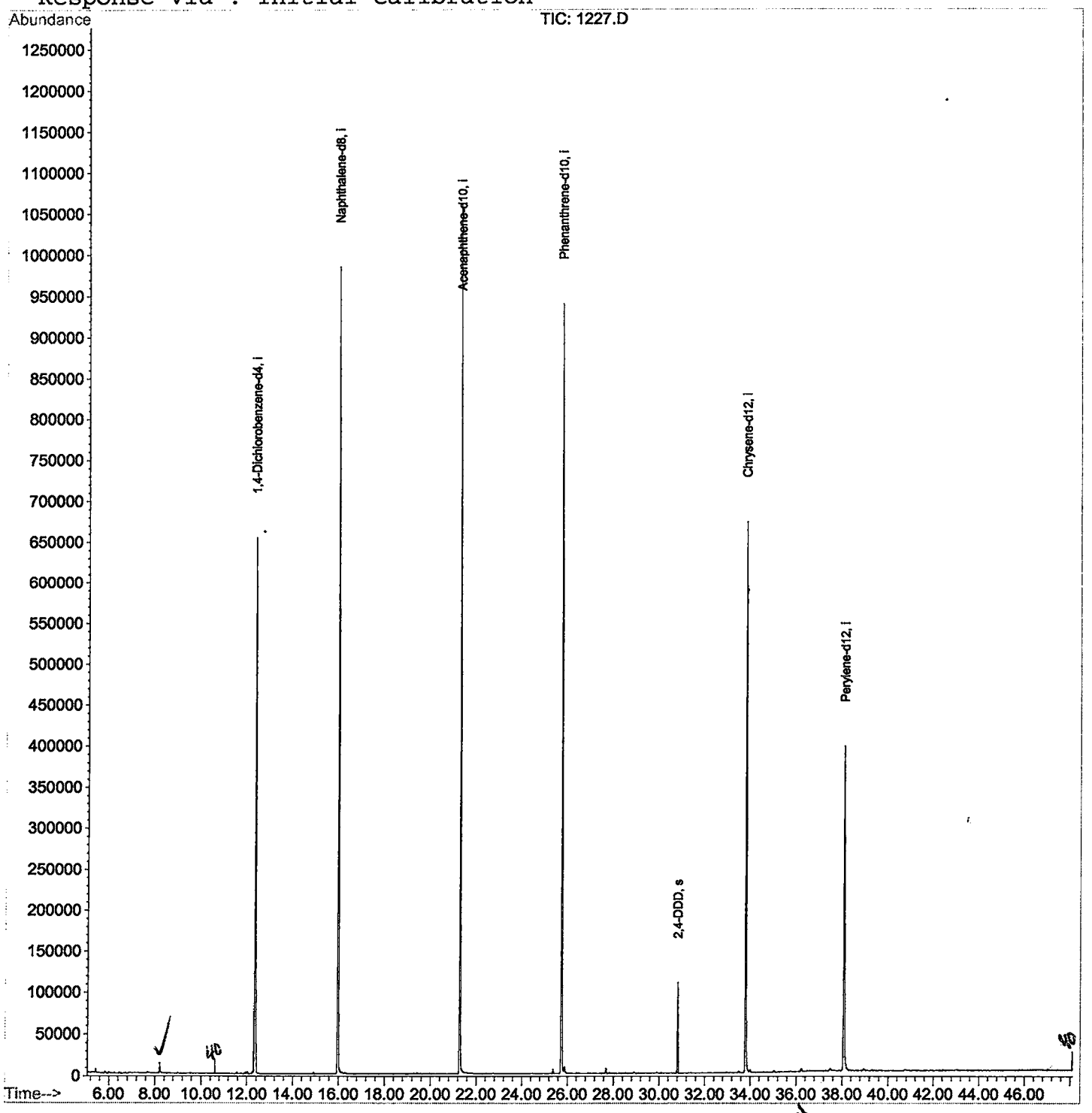
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1227.D
Acq On : 18 Feb 2002 4:05 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 20 15:38 2002

Vial: 40
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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 baseline due to air leak

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1227.D
Acq On : 18 Feb 2002 4:05 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 40
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

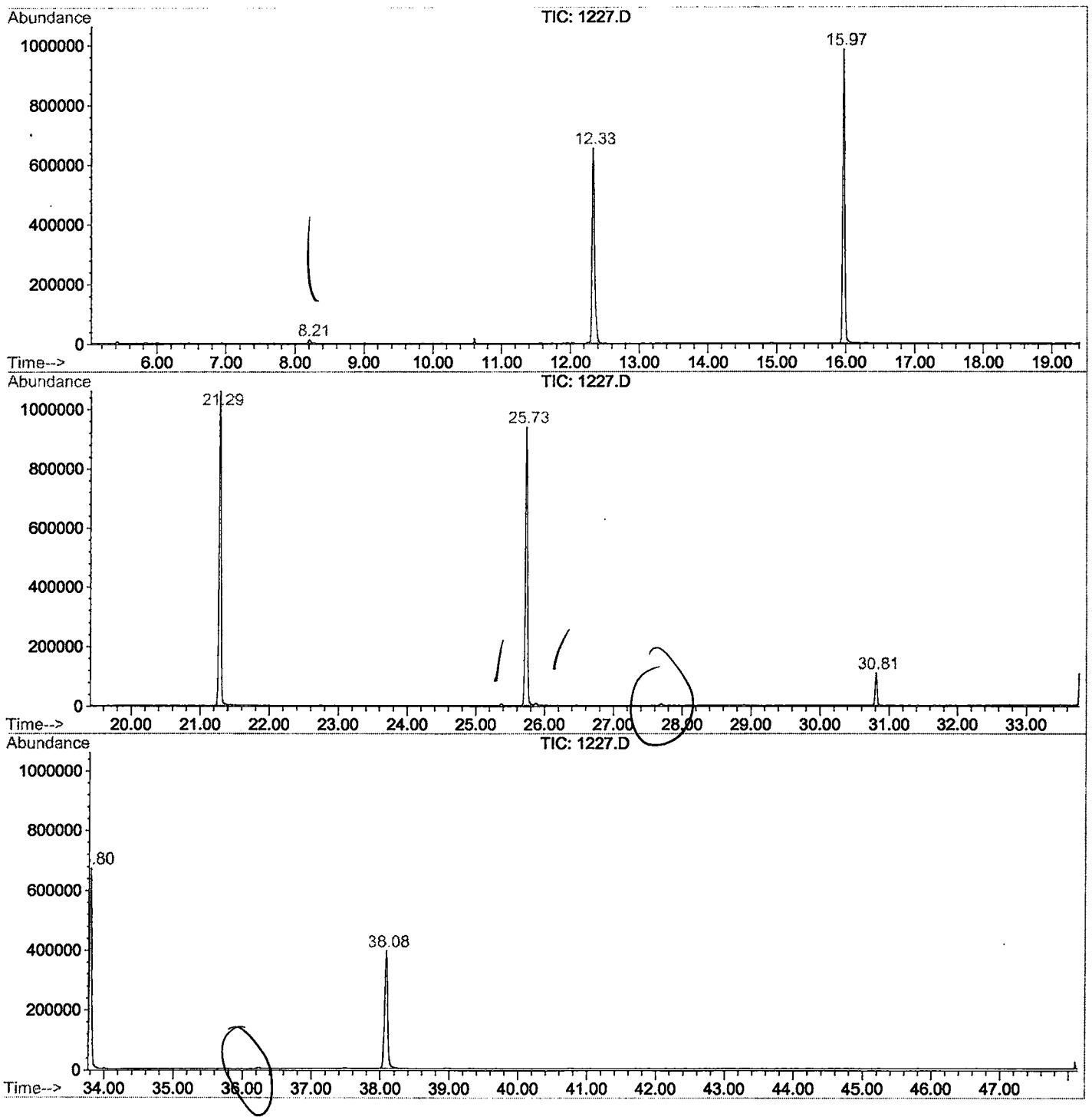
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.206	341	345	351	rBV	12139	25721	1.17%	0.242%
2	12.328	789	794	809	rVB	653067	1530417	69.64%	14.407%
3	15.973	1185	1191	1206	rBV	982790	2005590	91.27%	18.880%
4	21.288	1763	1770	1783	rBV	1060081	2197470	100.00%	20.687%
5	25.732	2248	2254	2266	rBV2	937737	2006845	91.33%	18.892%
6	30.808	2802	2807	2813	rVB	108310	203683	9.27%	1.917%
7	33.801	3126	3133	3146	rBV2	670478	1485939	67.62%	13.988%
8	38.079	3590	3599	3620	rBV2	392793	1167010	53.11%	10.986%

Sum of corrected areas: 10622675

1227.D GCMS0208.M Thu Feb 21 09:31:37 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1802\1227.D
Operator : 209 GALOS
Acquired : 18 Feb 2002 4:05 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/17
Misc Info :
Vial Number: 40
Quant File :GCMS0208.RES (RTE Integrator)



1227.D GCMS0208.M Thu Feb 21 09:31:42 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1227.D
Acq On : 18 Feb 2002 4:05 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 40
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

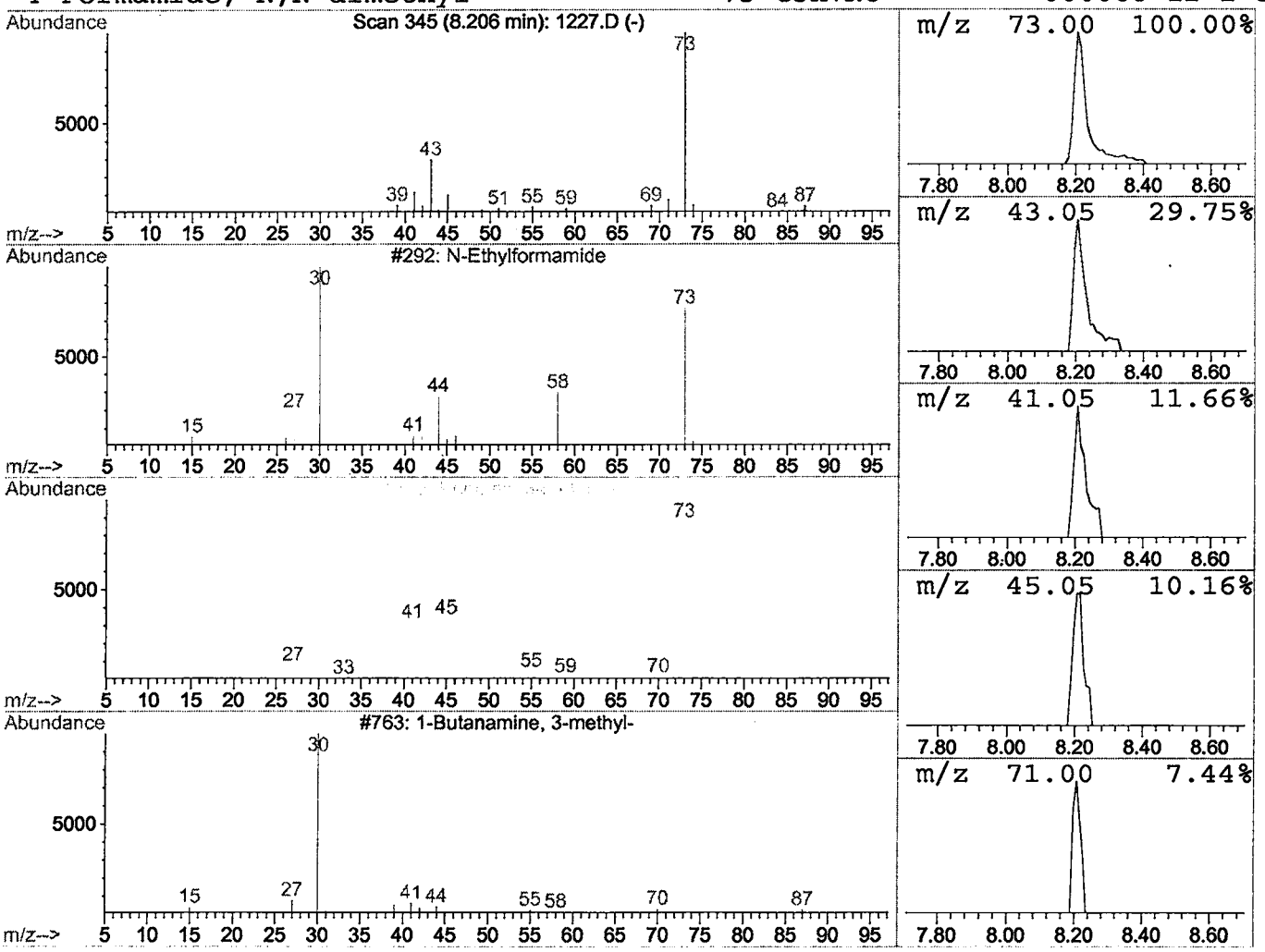
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	0.34 ug/l	25721	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Feb 2002 4:05 pm
Data File: C:\HPCHEM\1\DATA\FEB1802\1227.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	8.21	0.3	ug/l	25721	ISTD01	12.33	1530420	20.0

1227.D GCMS0208.M Thu Feb 21 09:31:51 2002