User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 11:06:12

Sample: AE04595
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/2/02 11:05 Ended: 4/2/02 11:05 Analyst: DLV
Page: 1

#	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	sum_24-CDD	USPEC	145		5.0

Comments for Sample AE04595 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-02-2002 Time: 11:06:16

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2602\4595.D Vial: 11
Acq On : 26 Mar 2002 7:37 pm Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 20:25 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	745078	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	2857699	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	1554431	20.00	ug/l	-0.11
29) Phenanthrene-d10	25.64	188	2260241	20.00	ug/l	-0.12
38) Chrysene-d12	33.70	240	1238158	20.00	ug/l	-0.14
44) Perylene-d12	37.94	264	733870	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	134338	7.26	ug/mL	0.21
Spiked Amount 5.000			Recovery = 145.20%			
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	15.94	128	246	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	21.60	165	486	N.D.		
25) Diethylphthalate	22.68	149	803	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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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	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	25.65	178	778	N.D.	
34)	Anthracene	25.65	178	778	N.D.	
35)	Di-n-butylphthalate	27.60	149	3060	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	33.69	228	2784	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	1662	N.D.	
43)	Chrysene	33.69	228	2784	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	37.95	252	2995	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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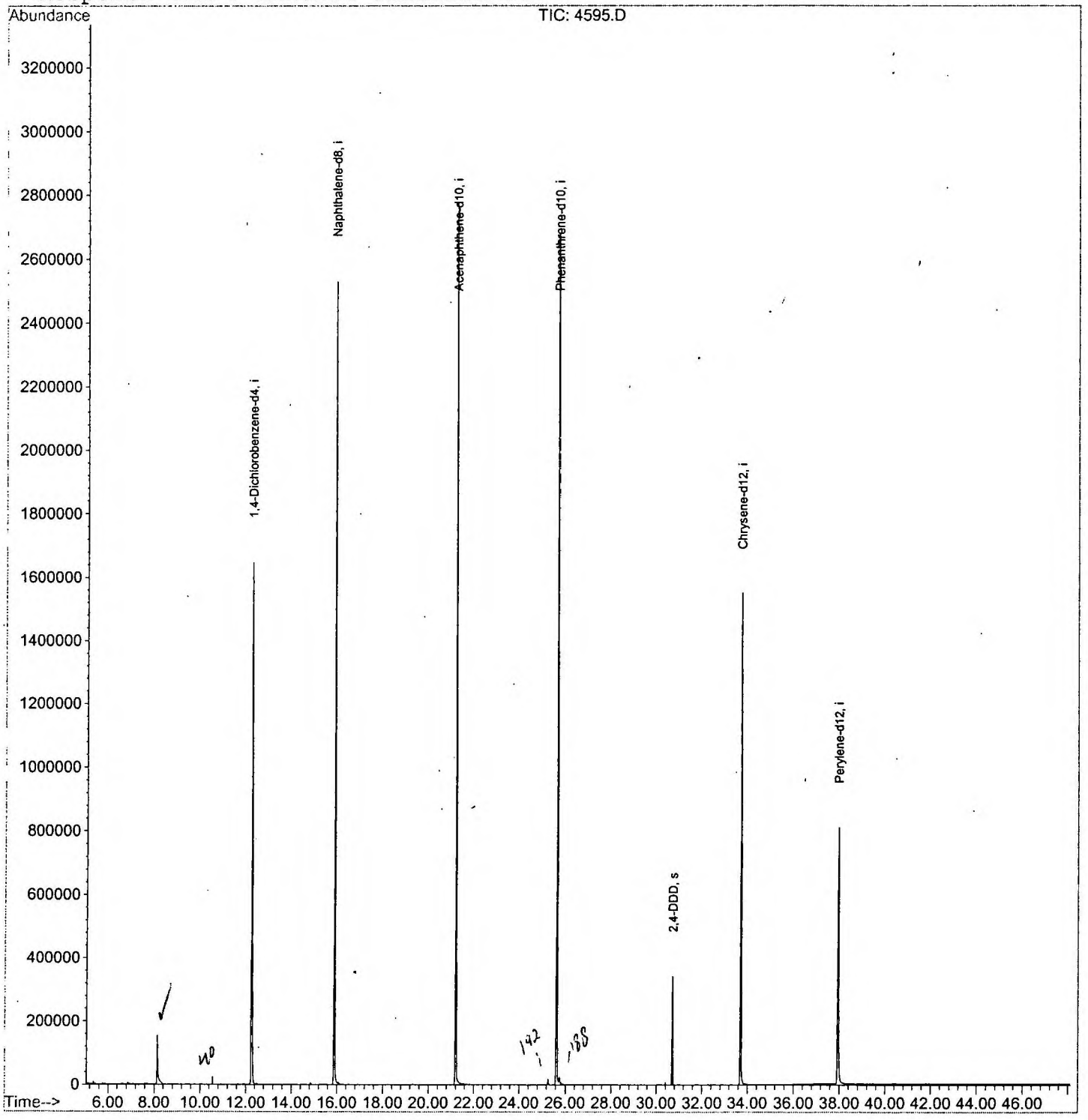
Acq On : 26 Mar 2002 7:37 pm Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 20:25 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4595.D Vial: 11
Acq On : 26 Mar 2002 7:37 pm Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

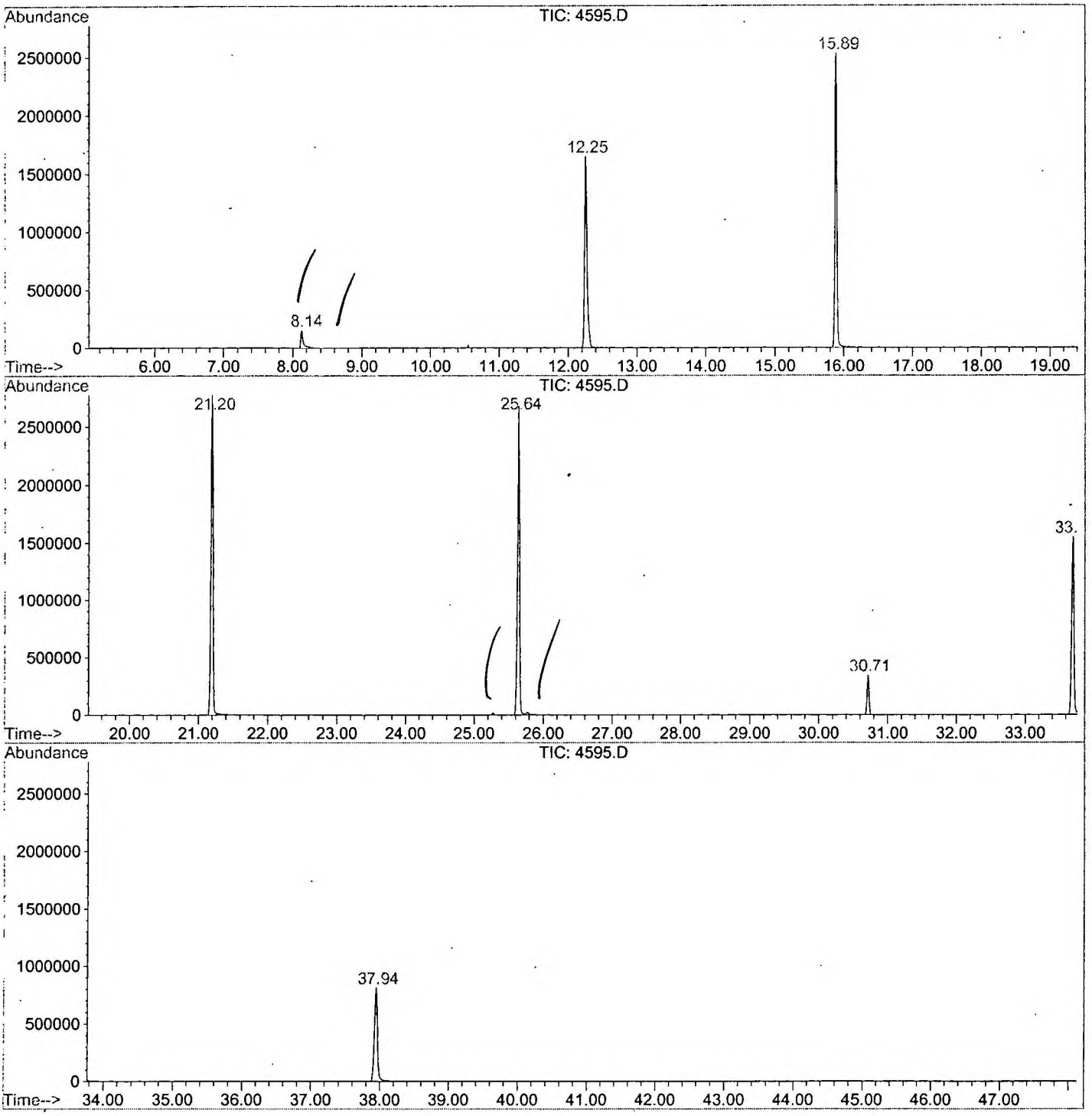
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.136	332	337	351	rBV	153565	415948	7.01%	1.478%
2	12.248	780	785	802	rVB	1645746	4033633	67.94%	14.330%
3	15.893	1175	1182	1199	rBV	2530416	5389360	90.78%	19.146%
4	21.199	1753	1760	1779	rBV	2777921	5936688	100.00%	21.090%
5	25.642	2237	2244	2255	rBV	2677795	5618827	94.65%	19.961%
6	30.710	2791	2796	2802	rBV	342006	660668	11.13%	2.347%
7	33.703	3114	3122	3136	rBV2	1551624	3593487	60.53%	12.766%
8	37.944	3576	3584	3601	rBV2	807952	2500354	42.12%	8.883%

Sum of corrected areas: 28148965

4595.D GCMS0308.M Thu Mar 28 16:30:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2602\4595.D
Operator :
Acquired : 26 Mar 2002 7:37 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4 fb
Misc Info :
Vial Number: 11
Quant File :GCMS0308.RES (RTE Integrator)



4595.D GCMS0308.M Thu Mar 28 16:30:31 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4595.D Vial: 11
Acq On : 26 Mar 2002 7:37 pm Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

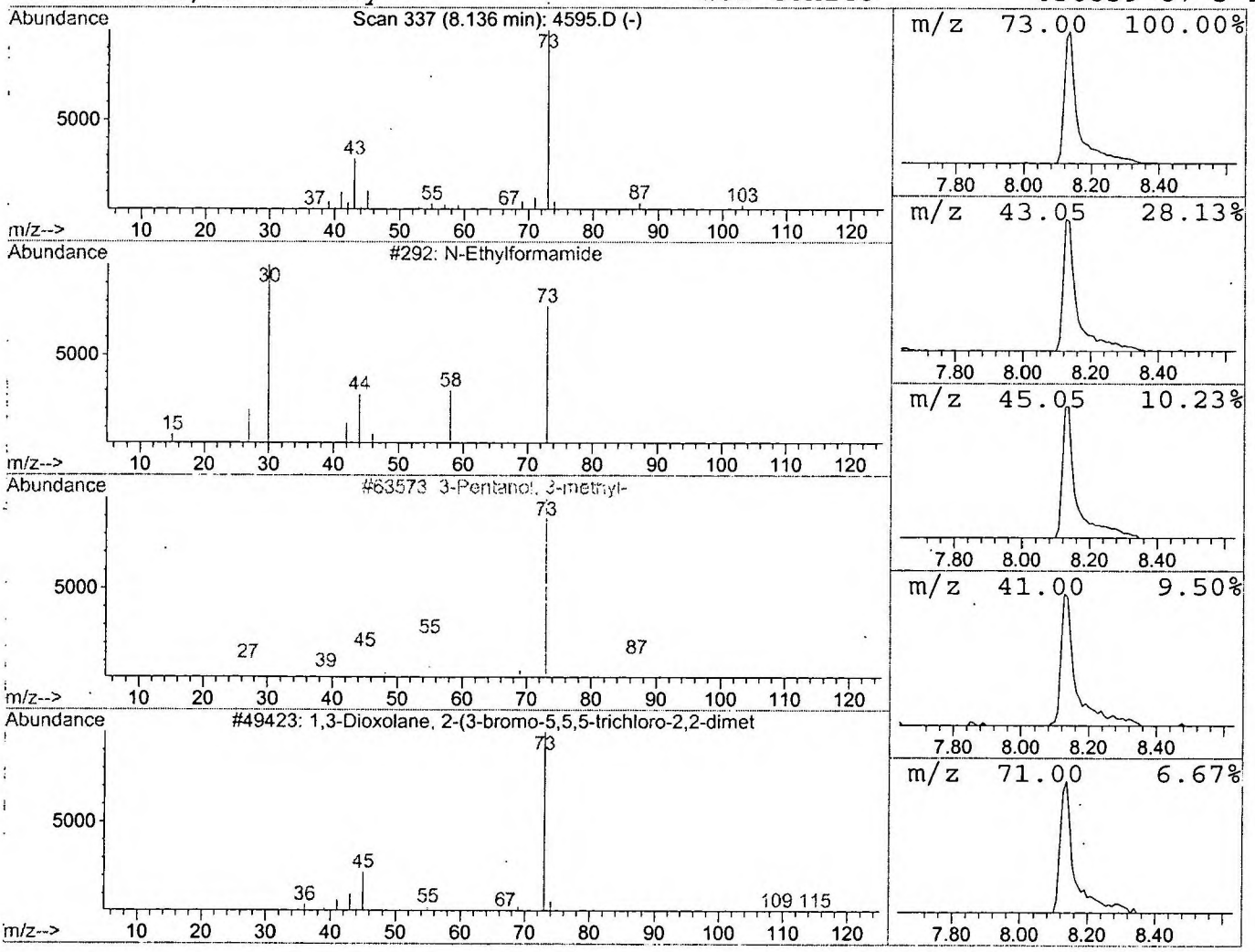
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	2.06 ug/l	415948	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Mar 2002 7:37 pm
Data File: C:\HPCHEM\1\DATA\MAR2602\4595.D
Name: gc/ms scan 3/4 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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	8.14	2.1	ug/l	415948	ISTD01	12.25	4033630	20.0

4595.D GCMS0308.M Thu Mar 28 16:30:39 2002