User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 08:27:52

Sample: AE05701
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 08:25 Ended: 4/11/02 08:25 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		97		5.0

Comments for Sample AE05701 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-11-2002 Time: 08:27:49

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 low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5701.D Vial: 19
Acq On : 2 Apr 2002 6:05 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 5 10:09 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 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	579834	20.00	ug/l	-0.11
10) Naphthalene-d8	15.88	136	2137719	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.19	164	1209208	20.00	ug/l	-0.13
29) Phenanthrene-d10	25.63	188	1712088m	20.00	ug/l	-0.14
38) Chrysene-d12	33.69	240	849523	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	483911	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	83106	4.84	ug/mL	0.21
Spiked Amount 5.000			Recovery = 96.80%			
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	15.95	128	290	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	22.67	149	1289	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)

Data File : C:\HPCHEM\1\DATA\APR0102\5701.D Vial: 19
Acq On : 2 Apr 2002 6:05 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 5 10:09 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

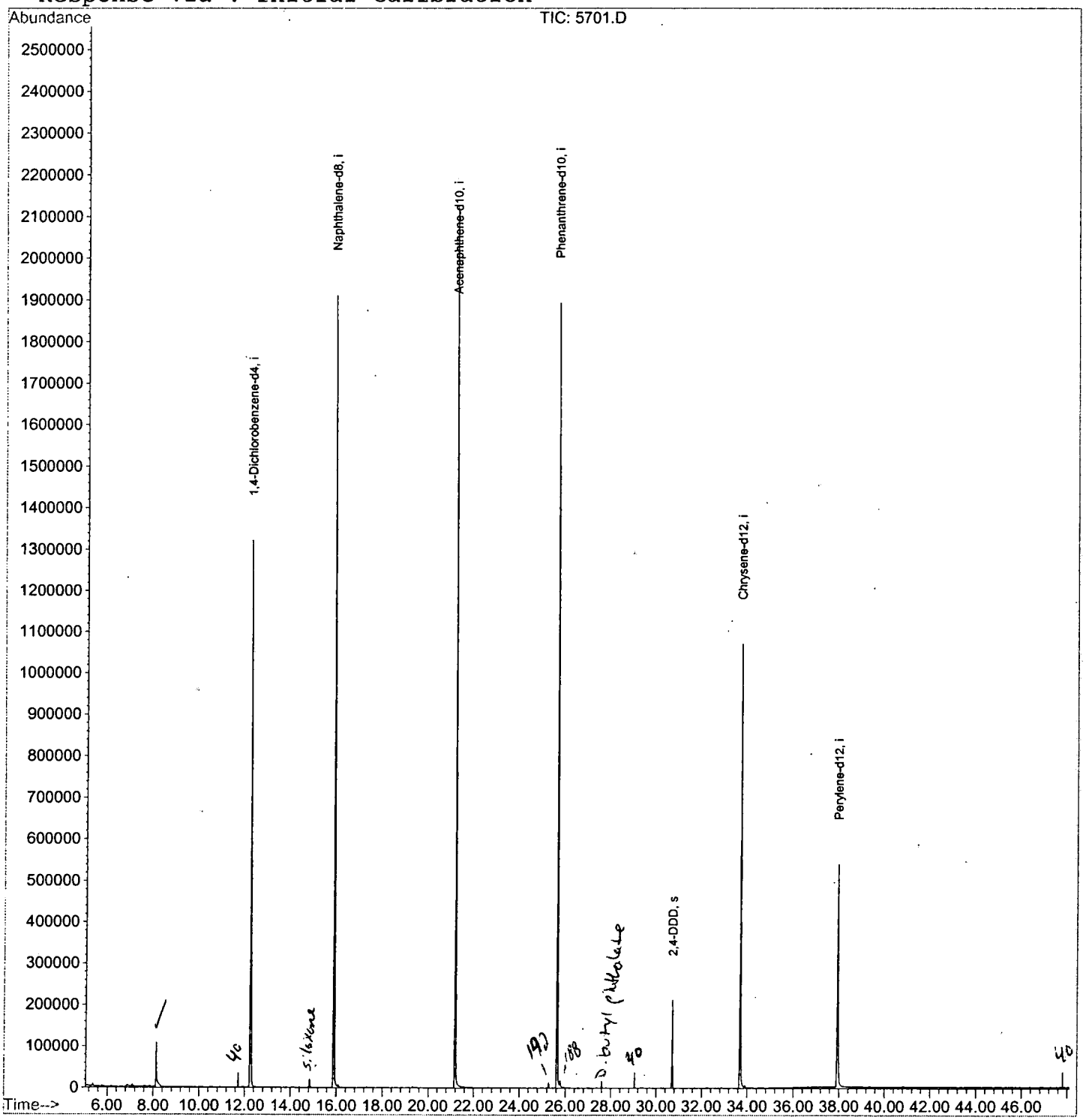
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	331	N.D.	
34)	Anthracene	25.63	178	331	N.D.	
35)	Di-n-butylphthalate	27.60	149	21394	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.13	149	380	N.D.	
41)	Benzo(a)anthracene	33.69	228	2749	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	3891	N.D.	
43)	Chrysene	33.76	228	1085	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	337	N.D.	
47)	Benzo(k)fluoranthene	36.81	252	838	N.D.	
48)	Benzo(a)pyrene	37.93	252	1788	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

Data File : C:\HPCHEM\1\DATA\APR0102\5701.D Vial: 19
Acq On : 2 Apr 2002 6:05 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 5 10:09 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 05 08:33:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5701.D Vial: 19
Acq On : 2 Apr 2002 6:05 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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

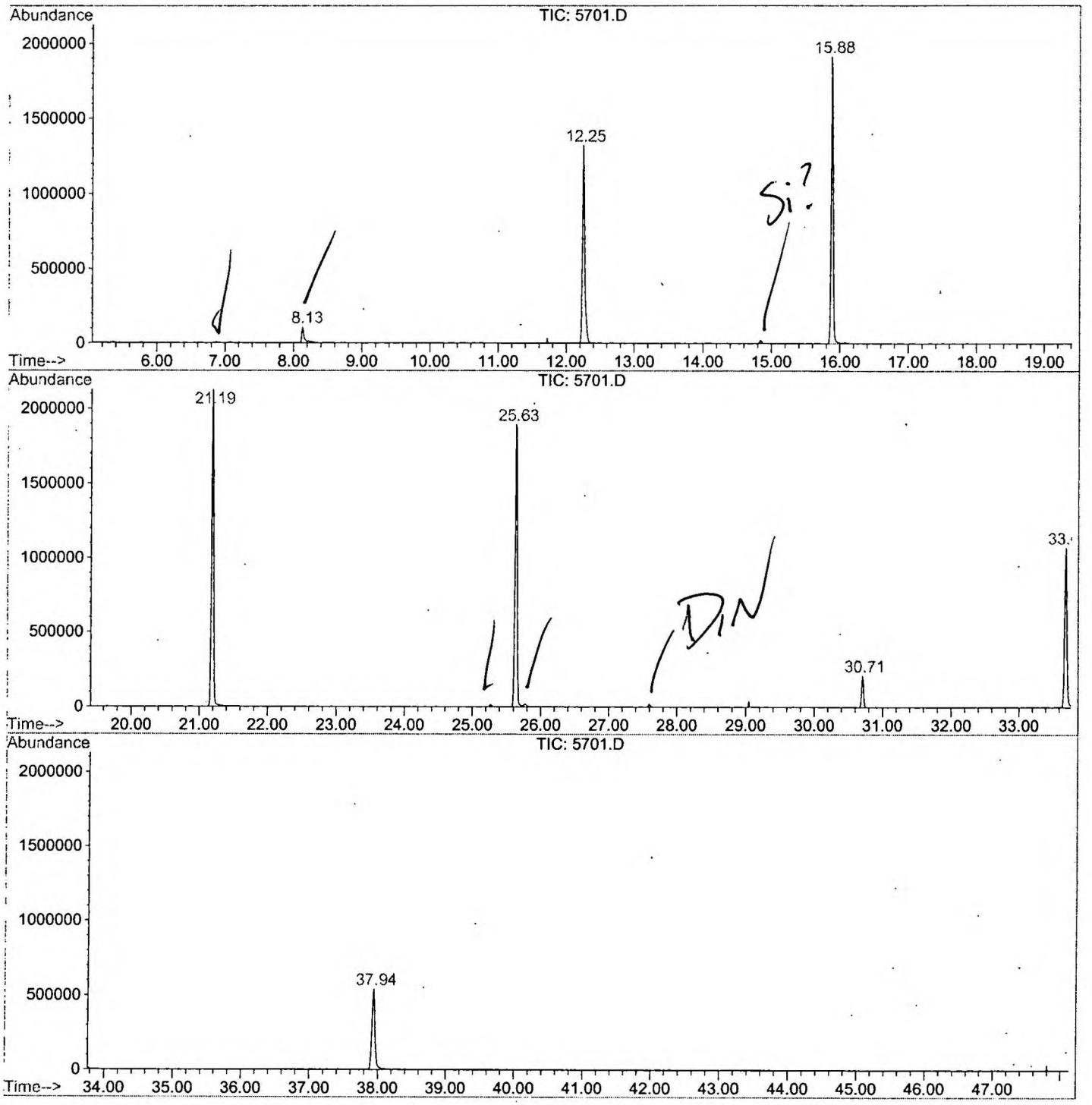
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.133	332	336	343	rBV	106332	235404	5.13%	1.134%
2	12.246	779	784	801	rVB	1319113	3123930	68.06%	15.043%
3	15.881	1174	1180	1197	rBV	1911305	4050232	88.24%	19.504%
4	21.188	1752	1758	1772	rBV	2127655	4589832	100.00%	22.103%
5	25.631	2236	2242	2254	rBV2	1893841	4248152	92.56%	20.457%
6	30.708	2788	2795	2806	rVB	212777	416906	9.08%	2.008%
7	33.691	3114	3120	3136	rBV2	1071665	2462585	53.65%	11.859%
8	37.942	3574	3583	3598	rBV2	538077	1639049	35.71%	7.893%

Sum of corrected areas: 20766090

5701.D GCMS0403.M Fri Apr 05 10:34:09 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5701.D
Operator :
Acquired : 2 Apr 2002 6:05 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12
Misc Info :
Vial Number: 19
Quant File :GCMS0308.RES (RTE Integrator)



5701.D GCMS0403.M Fri Apr 05 10:34:15 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5701.D Vial: 19
Acq On : 2 Apr 2002 6:05 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

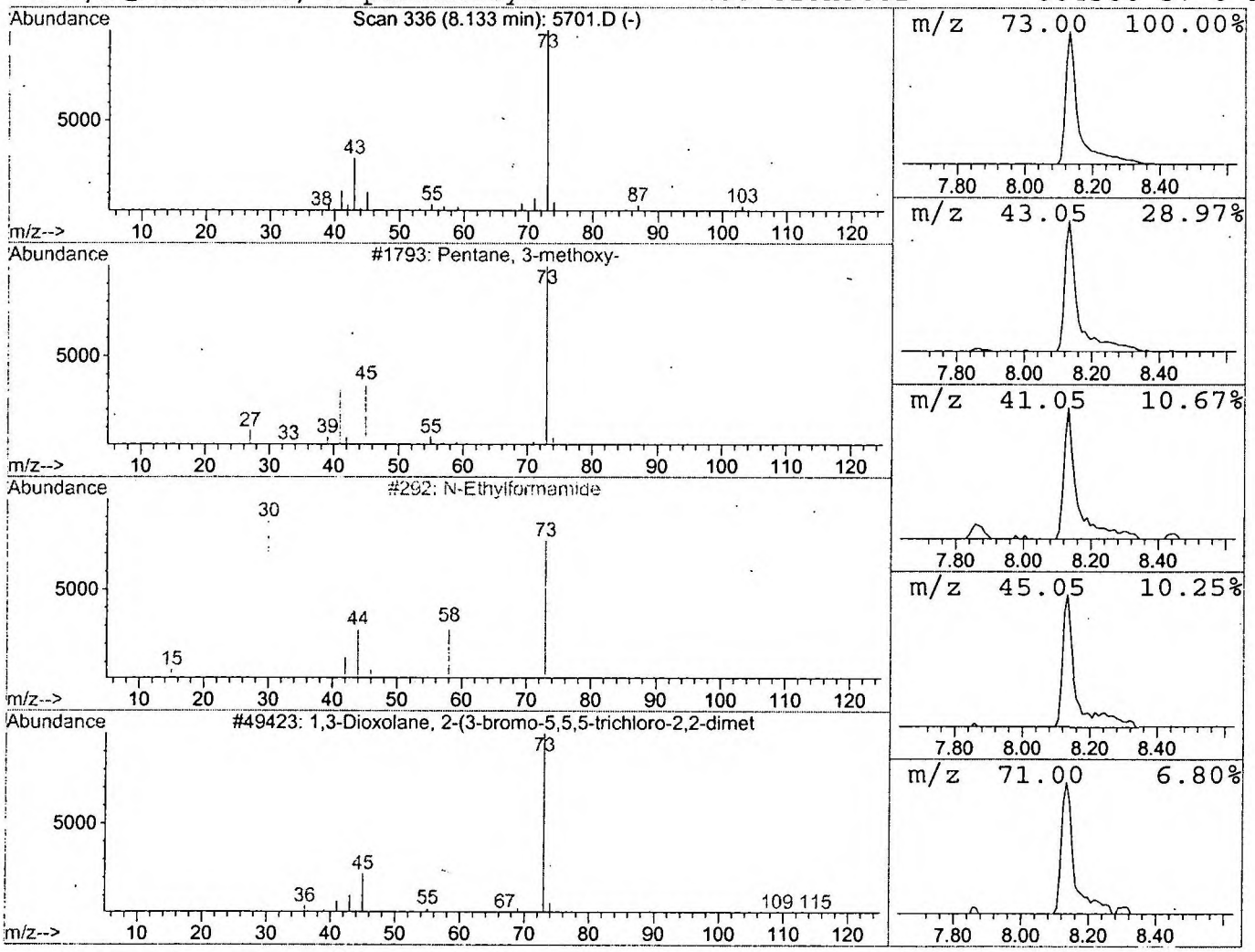
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	1.51 ug/l	235404	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 Apr 2002 6:05 am
Data File: C:\HPCHEM\1\DATA\APR0102\5701.D
Name: gc/ms scan 3/12
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
~~Pentane, 3-methoxy-~~	8.13	1.5	ug/l	235404	ISTD01	12.25	3123930	20.0

5701.D GCMS0403.M Fri Apr 05 10:34:24 2002