User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 12:45:04

Sample: AE05233
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 12:44 Ended: 4/9/02 12:44 Analyst: DLV
Page: 1

	Component Name	Vio	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Comments for Sample AE05233 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 12:45:08

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\5233.D Vial: 44
Acq On : 31 Mar 2002 11:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 12:26 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	433243	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1573962	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.19	164	887488	20.00	ug/l	-0.13
29) Phenanthrene-d10	25.63	188	1230934	20.00	ug/l	-0.14
38) Chrysene-d12	33.69	240	618104	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	354589	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	83749	6.78	ug/mL	0.21
Spiked Amount 5.000			Recovery = 135.60%			
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	780	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	20.53	163	133	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.72	152	373	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.46	165	110	N.D.		
25) Diethylphthalate	22.67	149	1304	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)

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Acq On : 31 Mar 2002 11:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 12:26 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	25.70	178	448	N.D.	
34)	Anthracene	25.84	178	182	N.D.	
35)	Di-n-butylphthalate	27.59	149	1716	N.D.	
36)	Fluoranthene	29.33	202	581	N.D.	
39)	Pyrene	30.01	202	539	N.D.	
40)	Butylbenzylphthalate	32.13	149	313	N.D.	
41)	Benzo(a)anthracene	33.68	228	1458	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	787	N.D.	
43)	Chrysene	33.68	228	1458	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	279	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	205	N.D.	
48)	Benzo(a)pyrene	37.94	252	1213	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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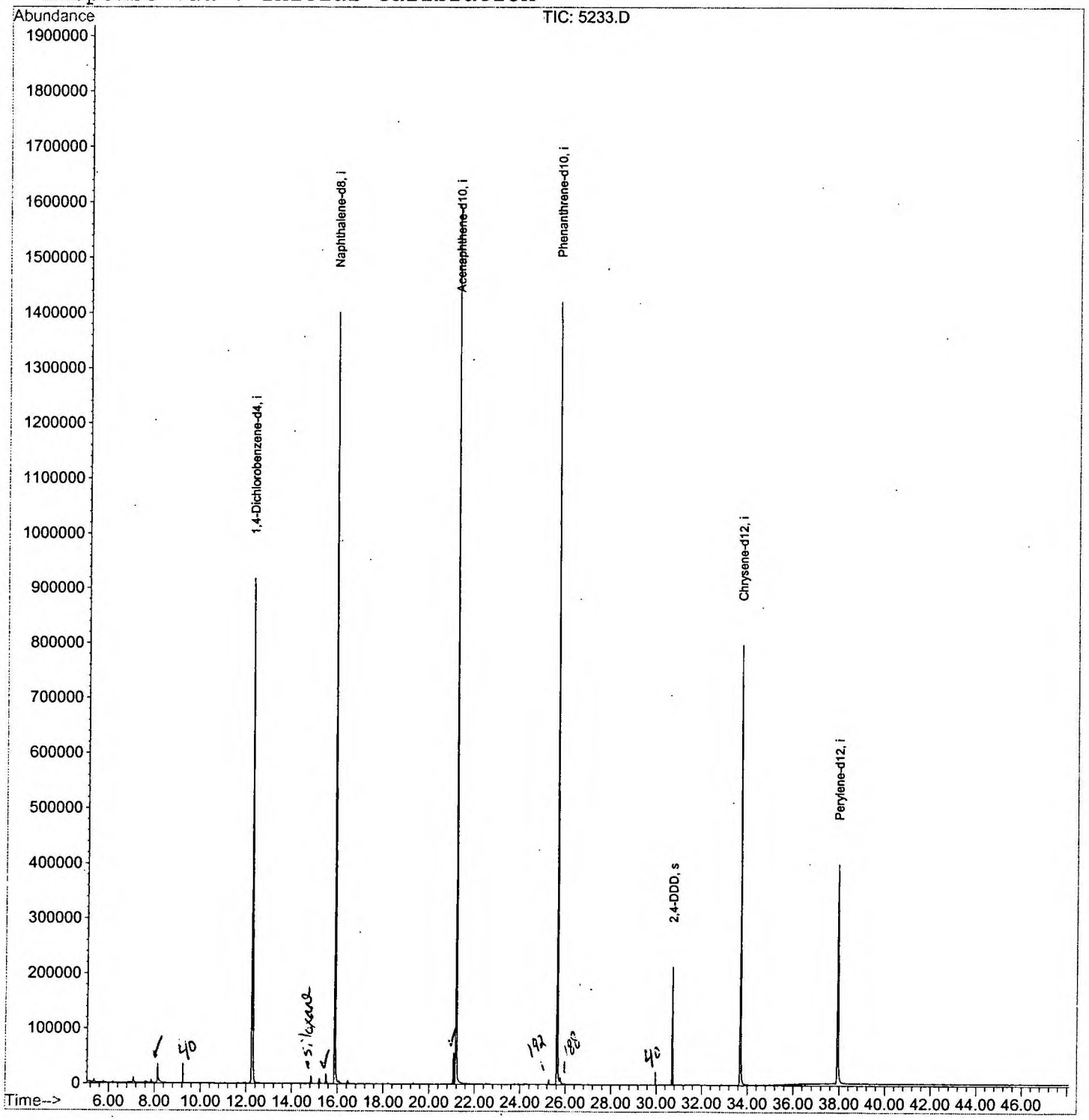
Acq On : 31 Mar 2002 11:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 12:26 2002 Quant Results File: GCMS0308.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5233.D Vial: 44
Acq On : 31 Mar 2002 11:38 am Operator:
Sample : gc/ms scan 3/9 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

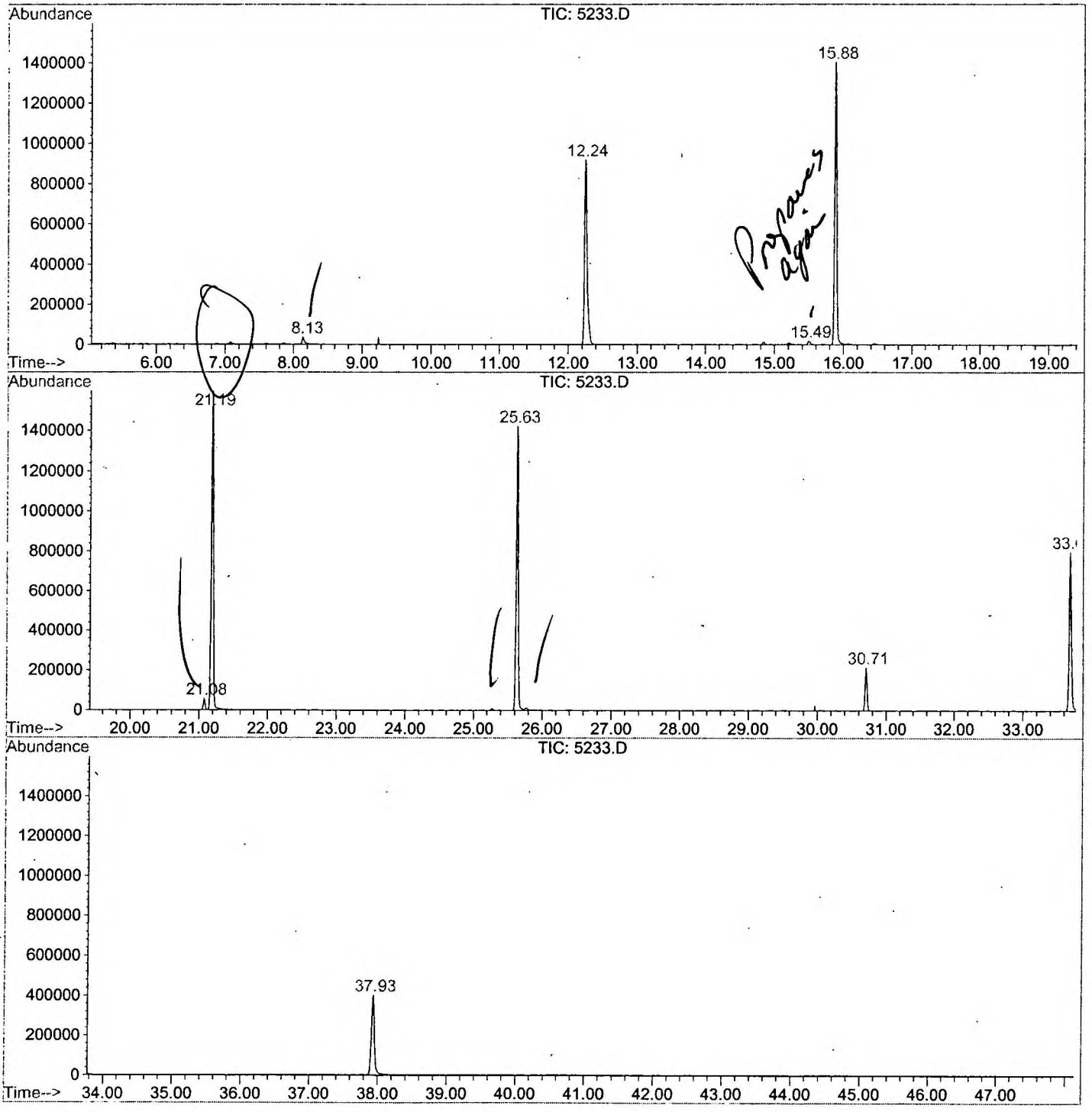
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.132	332	336	348	rBV	34682	90712	2.68%	0.589%
2	12.244	779	784	802	rVB	916608	2318610	68.46%	15.050%
3	15.494	1132	1138	1146	rBV	17897	45394	1.34%	0.295%
4	15.880	1174	1180	1197	rBV	1401563	2971377	87.74%	19.288%
5	21.076	1742	1746	1752	rBV	56280	102540	3.03%	0.666%
6	21.186	1752	1758	1775	rBV	1597366	3386659	100.00%	21.983%
7	25.629	2236	2242	2254	rBV2	1421249	3090593	91.26%	20.062%
8	30.706	2790	2795	2801	rBV	214788	417044	12.31%	2.707%
9	33.690	3114	3120	3137	rBV2	798210	1782179	52.62%	11.568%
10	37.931	3574	3582	3599	rBV2	398396	1200474	35.45%	7.792%

Sum of corrected areas: 15405582

5233.D GCMS0308.M Wed Apr 03 13:57:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5233.D
Operator :
Acquired : 31 Mar 2002 11:38 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/9
Misc Info :
Vial Number: 44
Quant File :GCMS0308.RES (RTE Integrator)



5233.D GCMS0308.M Wed Apr 03 13:57:07 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5233.D Vial: 44
Acq On : 31 Mar 2002 11:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

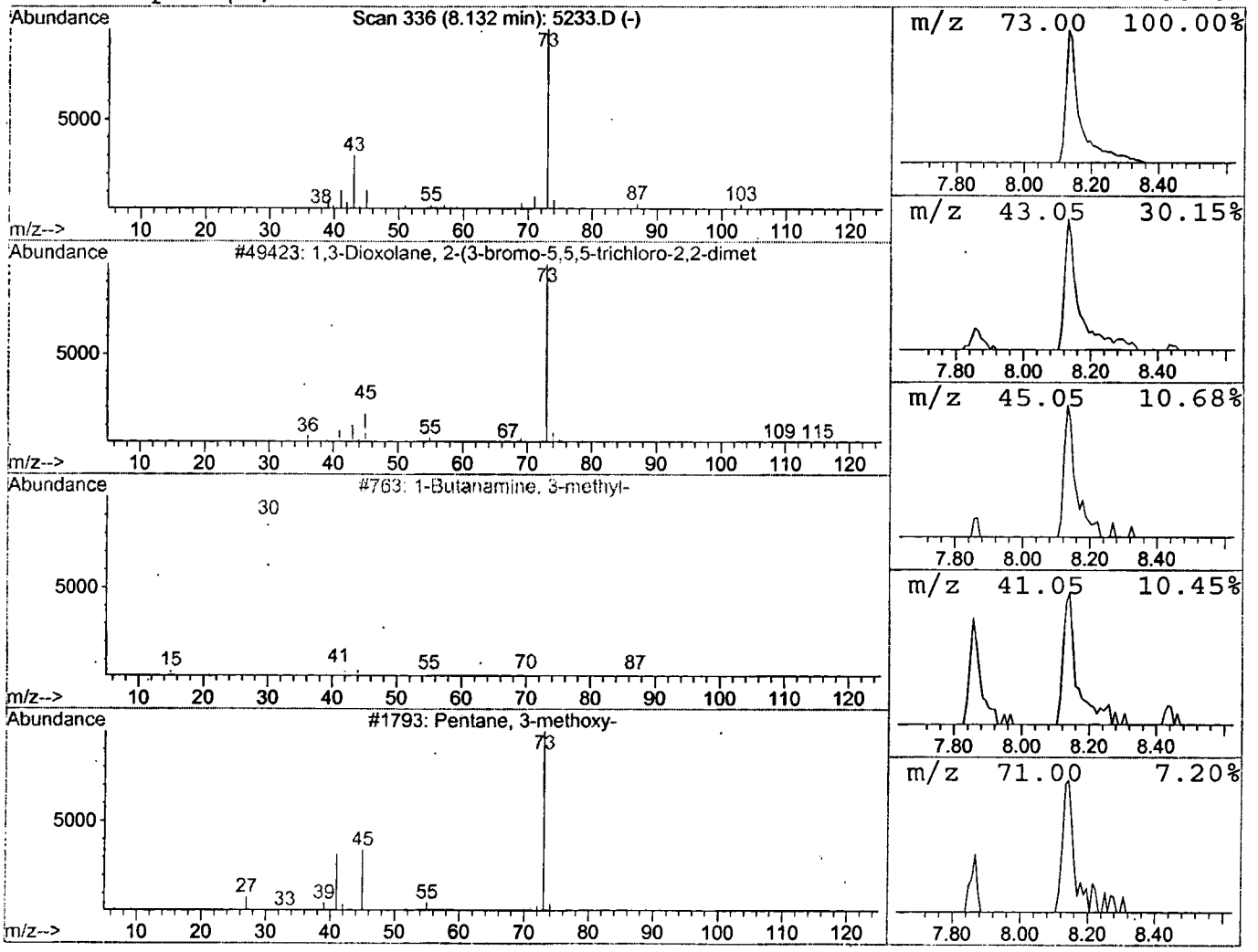
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-(3-bromo-5,5, Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	0.78 ug/l	90712	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	23
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	2-Propanone, oxime	73	C3H7NO	000127-06-0	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5233.D Vial: 44
Acq On : 31 Mar 2002 11:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

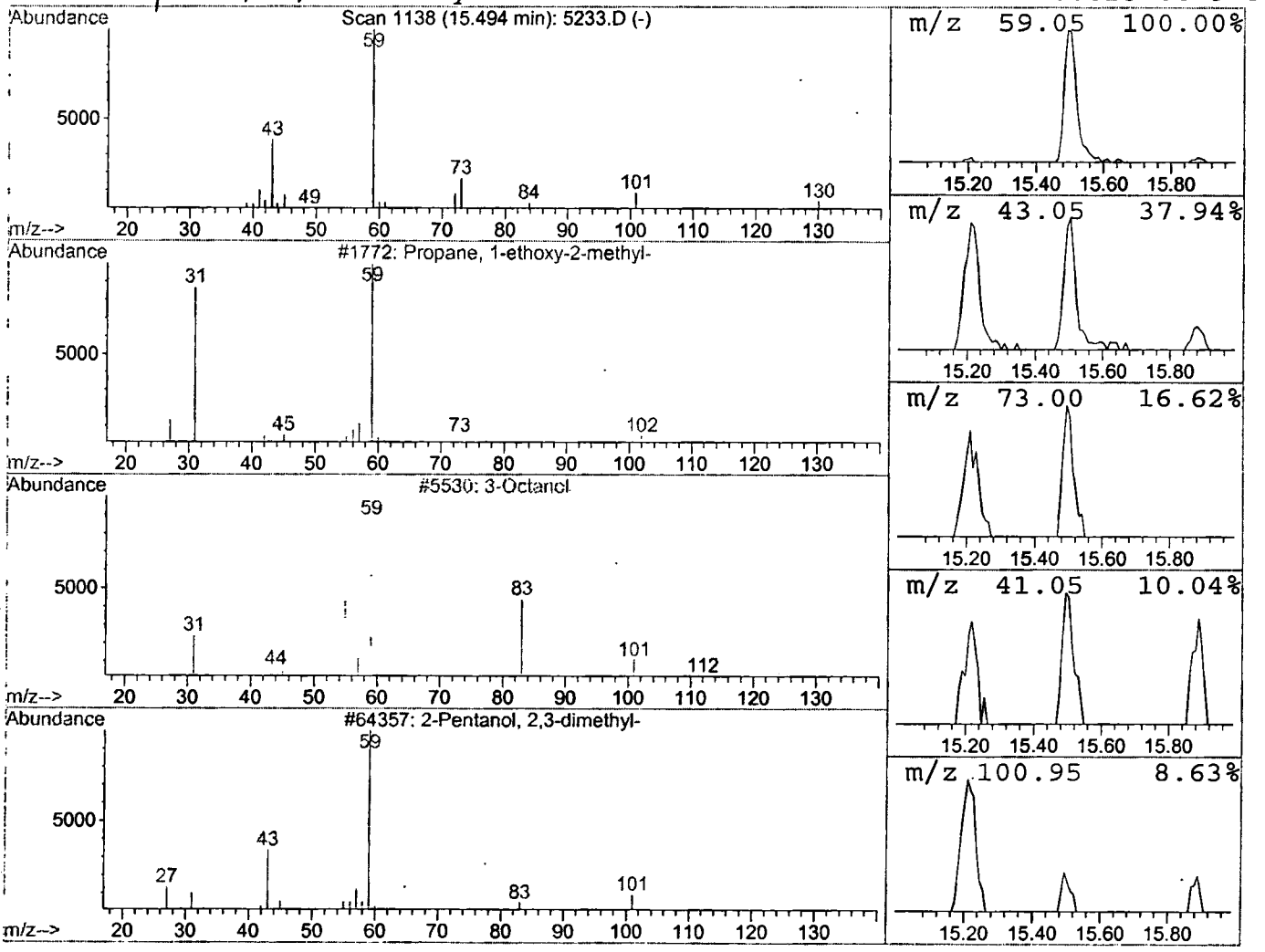
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Propane, 1-ethoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	0.31 ug/l	45394	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	39
2	3-Octanol	130	C8H18O	020296-29-1	39
3	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	38
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5233.D Vial: 44
Acq On : 31 Mar 2002 11:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

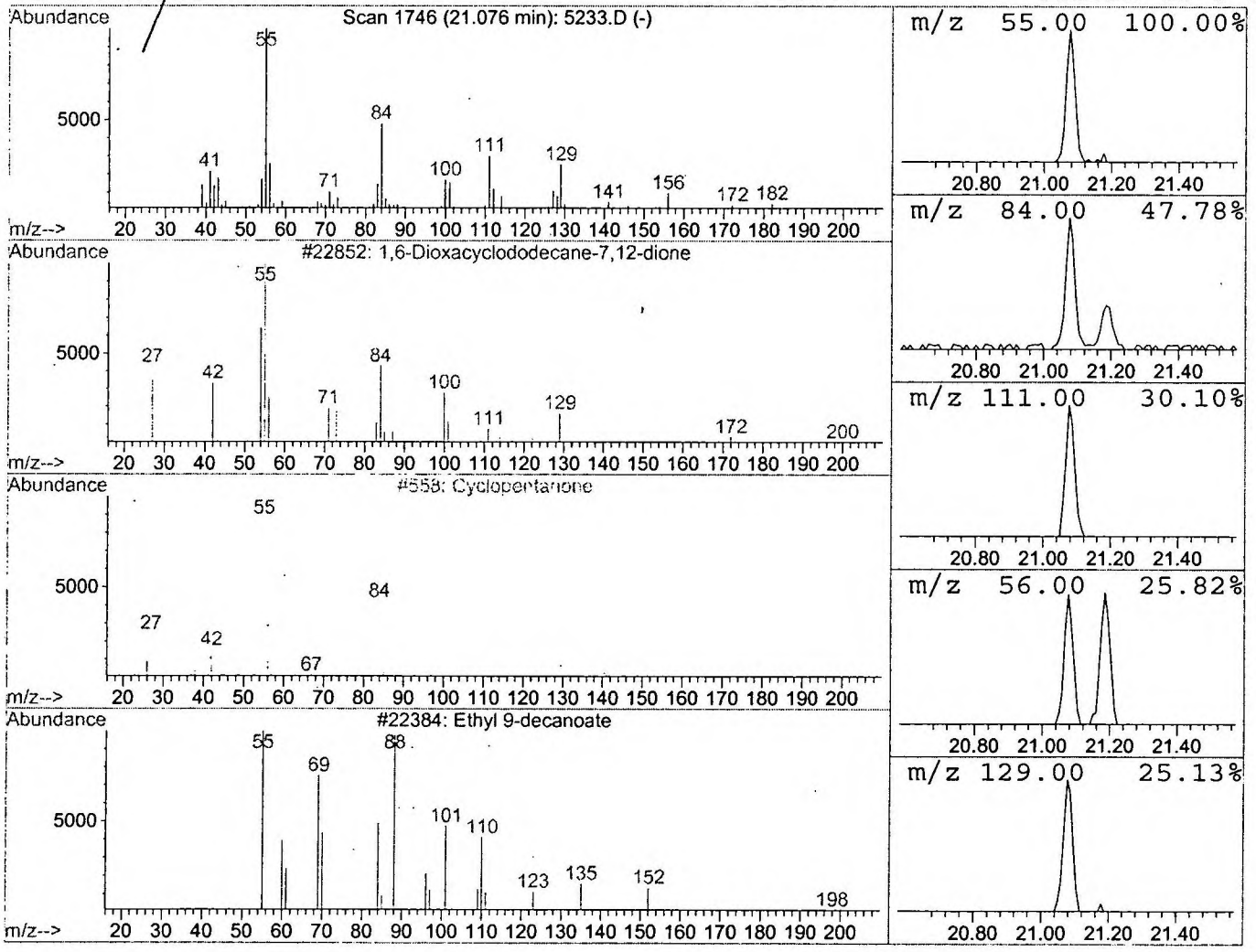
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,6-Dioxacyclododecane-7,12-di Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	0.61 ug/l	102540	Acenaphthene-d10	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dioxacyclododecane-7,12-dione	200	C10H16O4	000777-95-7	37
2	Cyclopentanone	84	C5H8O	000120-92-3	22
3	Ethyl 9-decanoate	198	C12H22O2	000000-00-0	14
4	2-Hexene	84	C6H12	000592-43-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 31 Mar 2002 11:38 am
Data File: C:\HPCHEM\1\DATA\MAR3002\5233.D
Name: gc/ms scan 3/9
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
1,3-Dioxolane, 2-(3-	8.13	0.8	ug/l	90712	ISTD01	12.25	2318610	20.0
Propane, 1-ethoxy-2-	15.49	0.3	ug/l	45394	ISTD02	15.88	2971380	20.0
1,6-Dioxacyclododeca	21.08	0.6	ug/l	102540	ISTD03	21.19	3386660	20.0

5233.D GCMS0308.M Wed Apr 03 13:57:25 2002