User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 12:55:55

Sample: AE05236
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 12:55 Ended: 4/9/02 12:55 Analyst: DLV
Page: 1

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

Comments for Sample AE05236 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 12:56:24

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\5236.D Vial: 47
Acq On : 31 Mar 2002 2:36 pm Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 15:24 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	463436	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1705222	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	969170	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1337729	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	664681	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	375445	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	96159	7.16	ug/mL	0.21
Spiked Amount 5.000			Recovery = 143.20%			
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	402	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	21.45	165	294	N.D.		
25) Diethylphthalate	22.67	149	804	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 2:36 pm Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 15:24 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	199	N.D.	
34)	Anthracene	25.70	178	199	N.D.	
35)	Di-n-butylphthalate	27.60	149	3261	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	1547	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	2409	N.D.	
43)	Chrysene	33.69	228	1547	N.D.	
45)	Di-n-Octylphthalate	35.66	149	326	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	37.94	252	1379	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\MAR3002\5236.D Vial: 47
Acq On : 31 Mar 2002 2:36 pm Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
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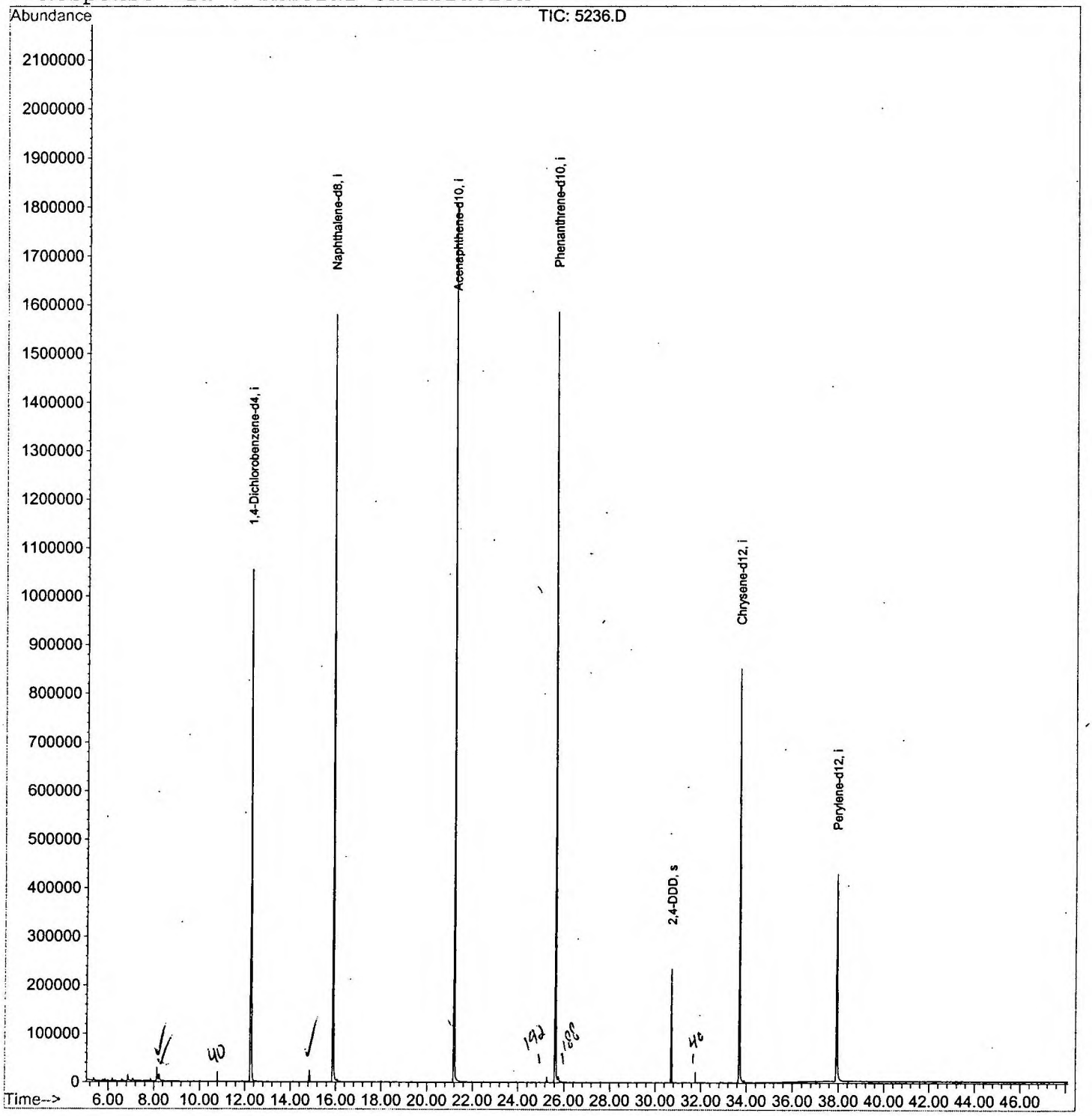
Quant Time: Mar 31 15:24 2002 Quant Results File: GCMS0308.RES

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\5236.D Vial: 47
Acq On : 31 Mar 2002 2:36 pm 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

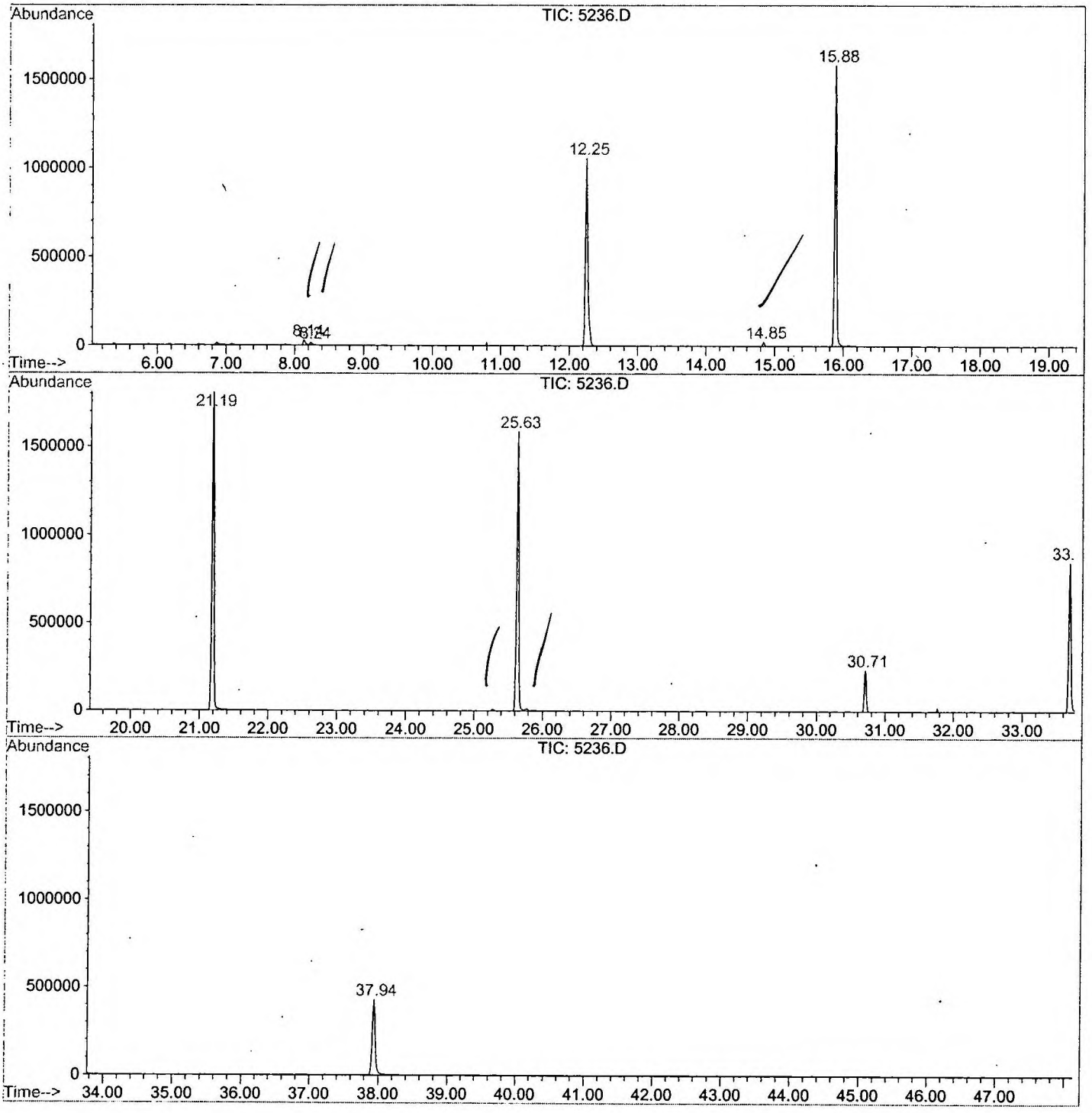
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.136	333	337	345	rBV	27339	63945	1.75%	0.387%
2	8.237	345	348	361	rVB	14017	36870	1.01%	0.223%
3	12.249	780	785	802	rBV	1054467	2511051	68.87%	15.191%
4	14.847	1063	1068	1073	rVB	24248	44582	1.22%	0.270%
5	15.884	1175	1181	1196	rBV	1579942	3225347	88.46%	19.513%
6	21.191	1753	1759	1770	rBV	1809595	3646182	100.00%	22.059%
7	25.634	2236	2243	2254	rBV2	1585916	3353473	91.97%	20.288%
8	30.710	2790	2796	2801	rBV	234941	471843	12.94%	2.855%
9	33.694	3114	3121	3133	rBV2	851341	1910995	52.41%	11.561%
10	37.935	3575	3583	3598	rBV2	426394	1265223	34.70%	7.654%

Sum of corrected areas: 16529511

5236.D GCMS0308.M Wed Apr 03 14:02:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5236.D
Operator :
Acquired : 31 Mar 2002 2:36 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/9
Misc Info :
Vial Number: 47
Quant File :GCMS0308.RES (RTE Integrator)



5236.D GCMS0308.M Wed Apr 03 14:02:19 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5236.D
Acq On : 31 Mar 2002 2:36 pm
Sample : gc/ms scan 3/9
Misc :
MS Integration Params: LSCINT.P

Vial: 47
Operator:
Inst : GC/MS 209
Multiplr: 1.00

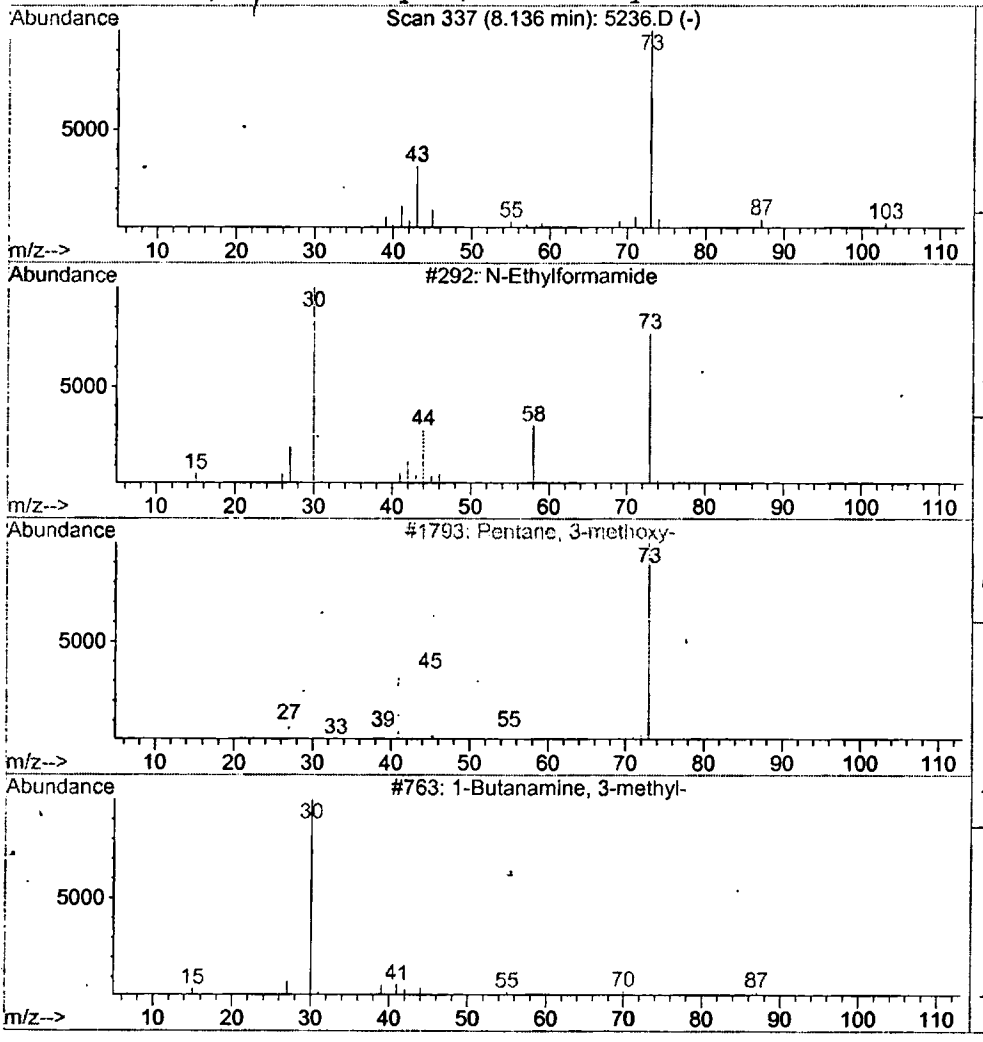
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

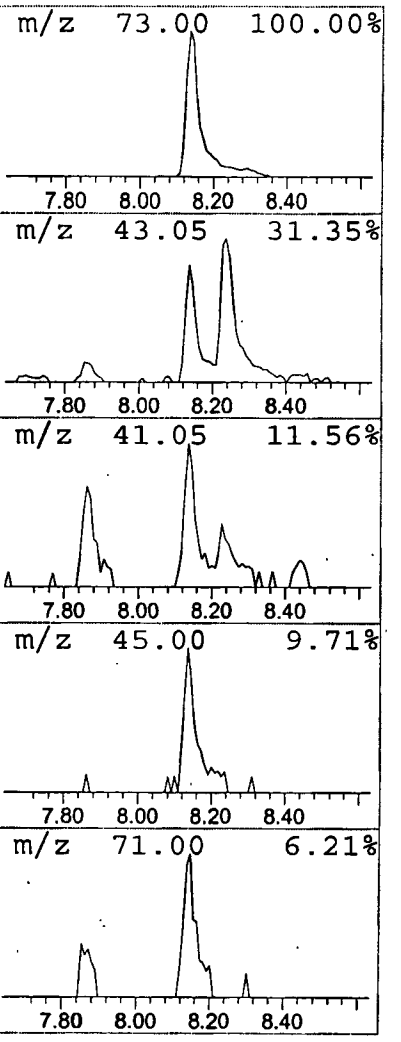
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	0.51 ug/l	63945	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	4





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5236.D Vial: 47
Acq On : 31 Mar 2002 2:36 pm Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

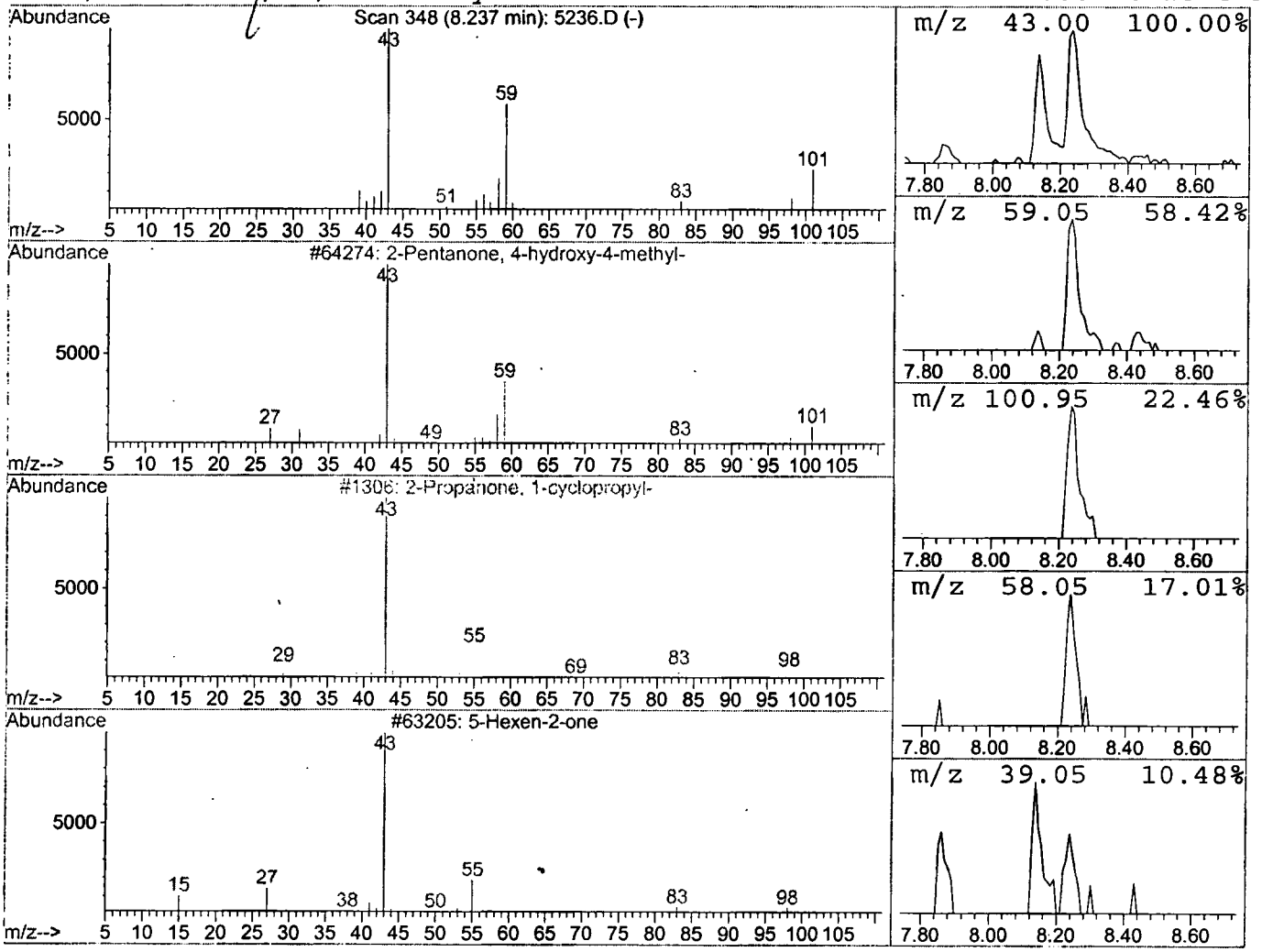
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.29 ug/l	36870	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5236.D Vial: 47
Acq On : 31 Mar 2002 2:36 pm Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

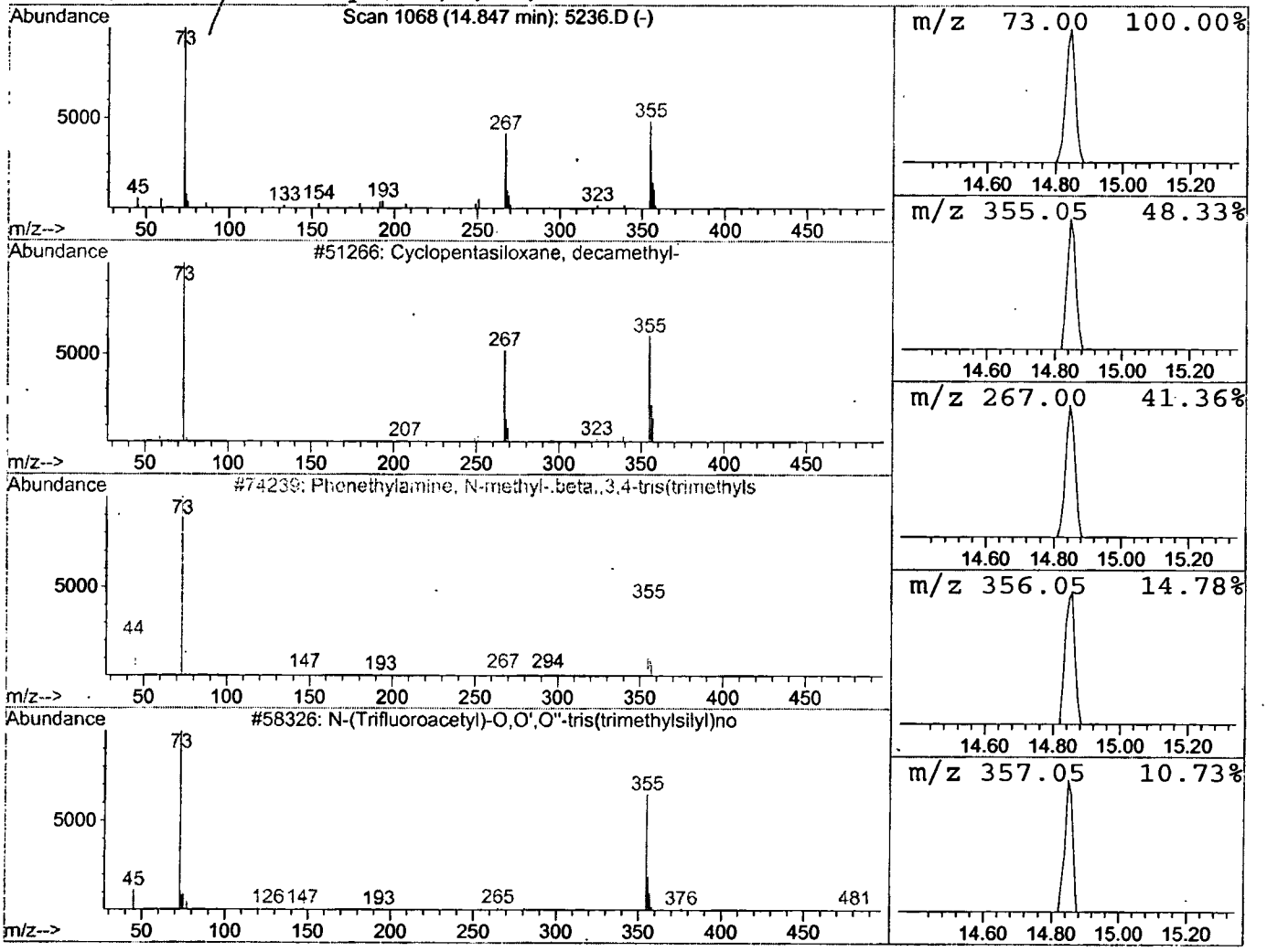
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	0.28 ug/l	44582	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 31 Mar 2002 2:36 pm
Data File: C:\HPCHEM\1\DATA\MAR3002\5236.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
N-Ethylformamide	8.14	0.5	ug/l	63945	ISTD01	12.25	2511050	20.0
2-Pentanone, 4-hydro	8.24	0.3	ug/l	36870	ISTD01	12.25	2511050	20.0
Cyclopentasiloxane,	14.85	0.3	ug/l	44582	ISTD02	15.88	3225350	20.0

5236.D GCMS0308.M Wed Apr 03 14:02:36 2002