User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 11:00:47

Sample: AE05152
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 11:00 Ended: 4/9/02 11:00 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		109		5.0

Certified
3/4/2
SK

Comments for Sample AE05152 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 11:32:13

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
There are present, however, a series of tentatively identified hydrocarbons, at trace levels, with poor fits, in the range of 14 to 16 minutes. A Field Blank collected 2 days prior (AE05057) contains these same compounds at the same levels.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\5152.D Vial: 38
Acq On : 31 Mar 2002 5:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 6:28 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	493962	20.00	ug/l	-0.11
10) Naphthalene-d8	15.88	136	1804228	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.19	164	1019328	20.00	ug/l	-0.13
29) Phenanthrene-d10	25.63	188	1432024	20.00	ug/l	-0.14
38) Chrysene-d12	33.69	240	716381	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	400032	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	100749	~~7.01~~ 5.46	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~140.20%~~ 109.12%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.46	74	217	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.15	146	688	N.D.		
5) 1,4-Dichlorobenzene	12.29	146	1223	N.D.		
6) 1,2-Dichlorobenzene	12.81	146	394	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	14.77	82	1015	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	15.77	180	555	N.D.		
15) Naphthalene	15.94	128	1453	N.D.		
16) Hexachlorobutadiene	16.49	225	486	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	700	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\MAR3002\5152.D Vial: 38
Acq On : 31 Mar 2002 5:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 6:28 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

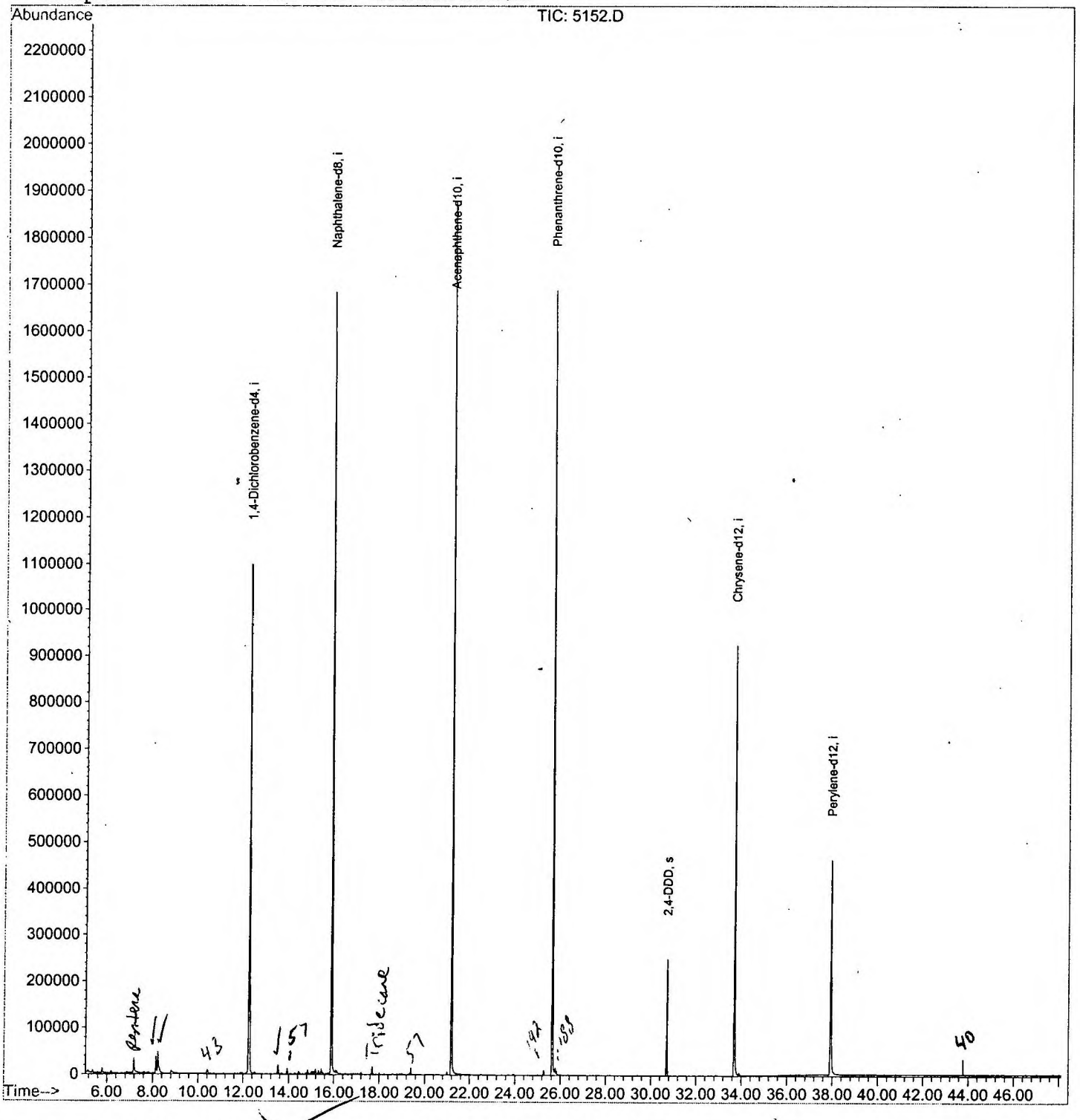
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	333	N.D.	
34)	Anthracene	25.63	178	333	N.D.	
35)	Di-n-butylphthalate	27.60	149	2535	N.D.	
36)	Fluoranthene	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	1511	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	3356	N.D.	
43)	Chrysene	33.69	228	1511	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	37.93	252	1543	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\5152.D Vial: 38
Acq On : 31 Mar 2002 5:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 6:28 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\5152.D Vial: 38
Acq On : 31 Mar 2002 5:40 am Operator:
Sample : gc/ms scan 3/8 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

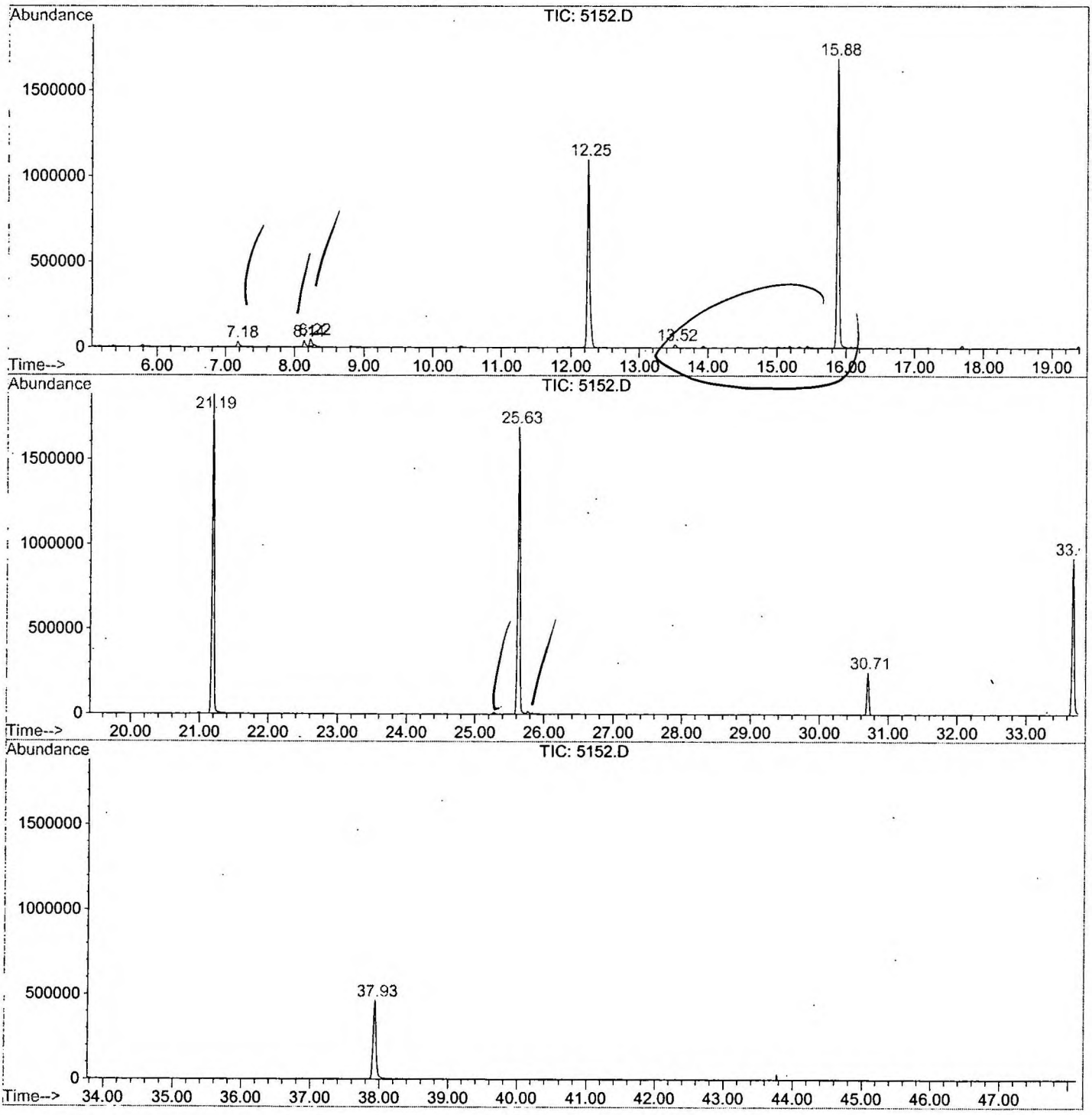
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.178	227	232	244	rBV2	31485	81549	2.11%	0.458%
2	8.142	333	337	343	rBV	36317	86643	2.25%	0.487%
3	8.225	343	346	351	rBV	41898	91395	2.37%	0.513%
4	12.246	779	784	800	rVB	1097565	2663860	69.02%	14.963%
5	13.522	919	923	932	rBV	19873	46986	1.22%	0.264%
6	15.881	1174	1180	1193	rBV	1681542	3491648	90.47%	19.613%
7	21.187	1752	1758	1772	rBV	1878561	3859340	100.00%	21.678%
8	25.631	2236	2242	2253	rBV2	1687736	3582668	92.83%	20.124%
9	30.707	2790	2795	2803	rBV	249979	495796	12.85%	2.785%
10	33.691	3113	3120	3135	rBV2	924962	2058510	53.34%	11.563%
11	37.932	3574	3582	3594	rBV	462283	1344426	34.84%	7.552%

Sum of corrected areas: 17802821

5152.D GCMS0308.M Tue Apr 02 15:39:31 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5152.D
Operator :
Acquired : 31 Mar 2002 5:40 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/8
Misc Info :
Vial Number: 38
Quant File :GCMS0308.RES (RTE Integrator)



5152.D GCMS0308.M Tue Apr 02 15:39:37 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5152.D Vial: 38
Acq On : 31 Mar 2002 5:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

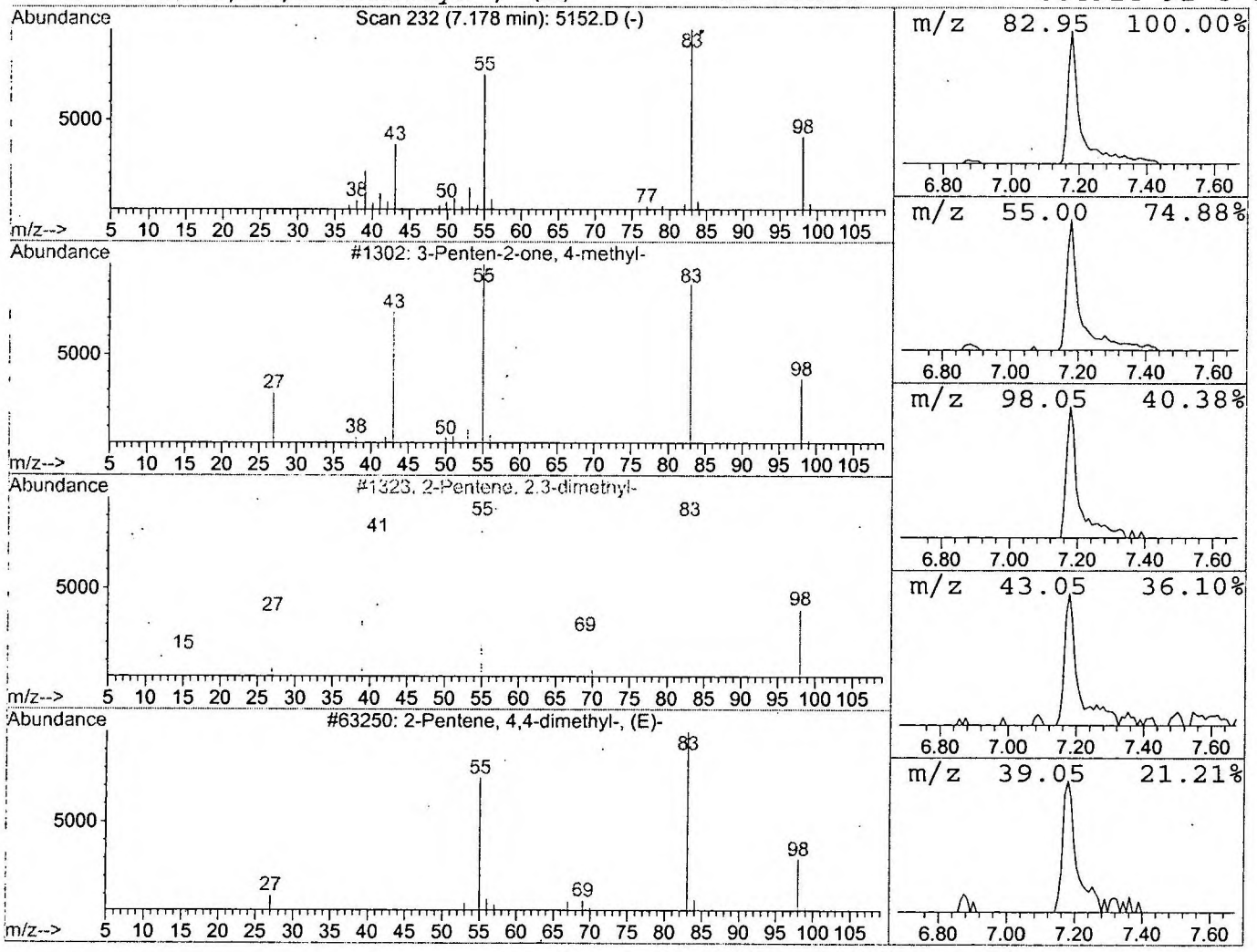
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	0.61 ug/l	81549	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	78
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5152.D Vial: 38
Acq On : 31 Mar 2002 5:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

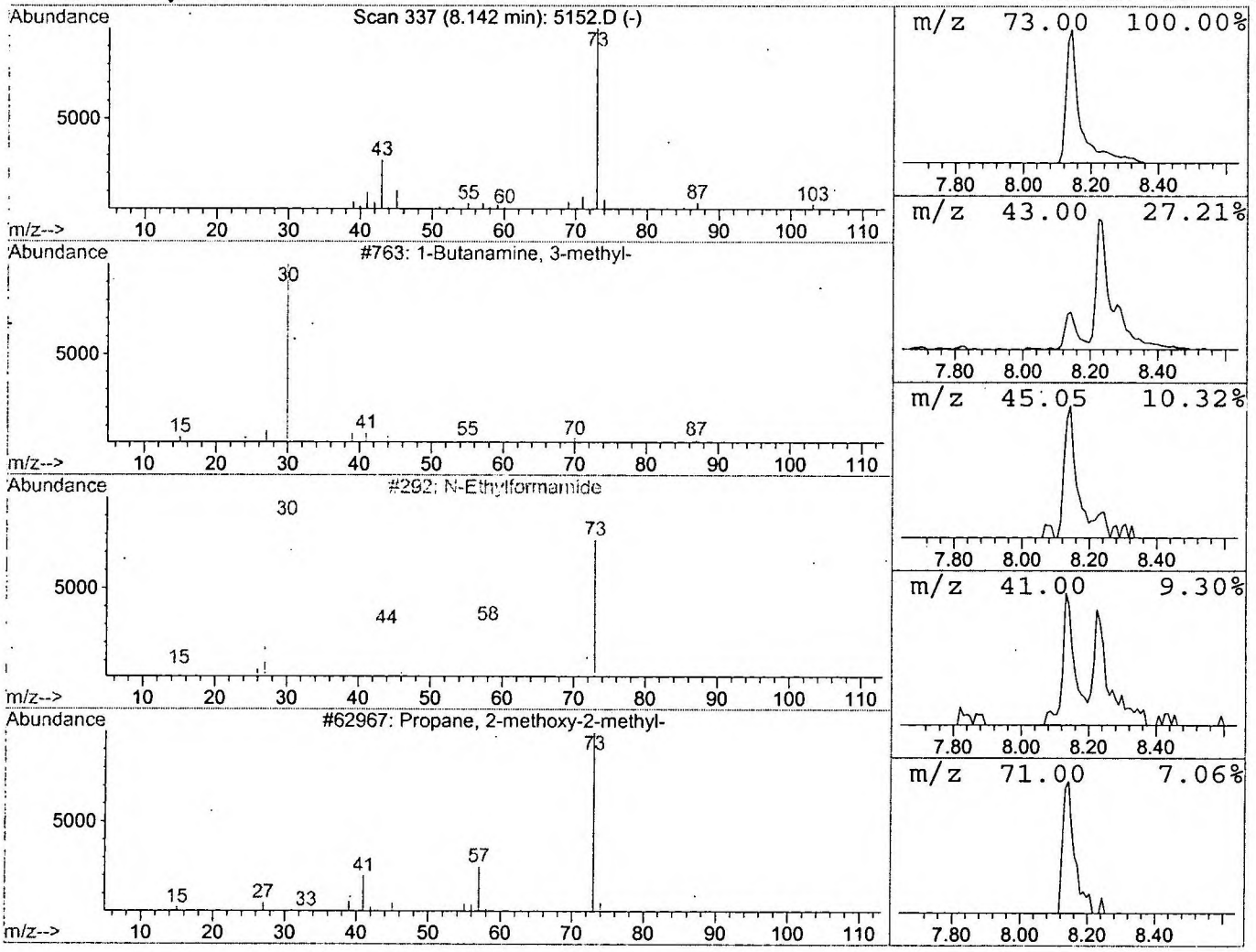
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Butanamine, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	0.65 ug/l	86643	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Muco-Inositol	180	C6H12O6	000488-55-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5152.D Vial: 38
Acq On : 31 Mar 2002 5:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

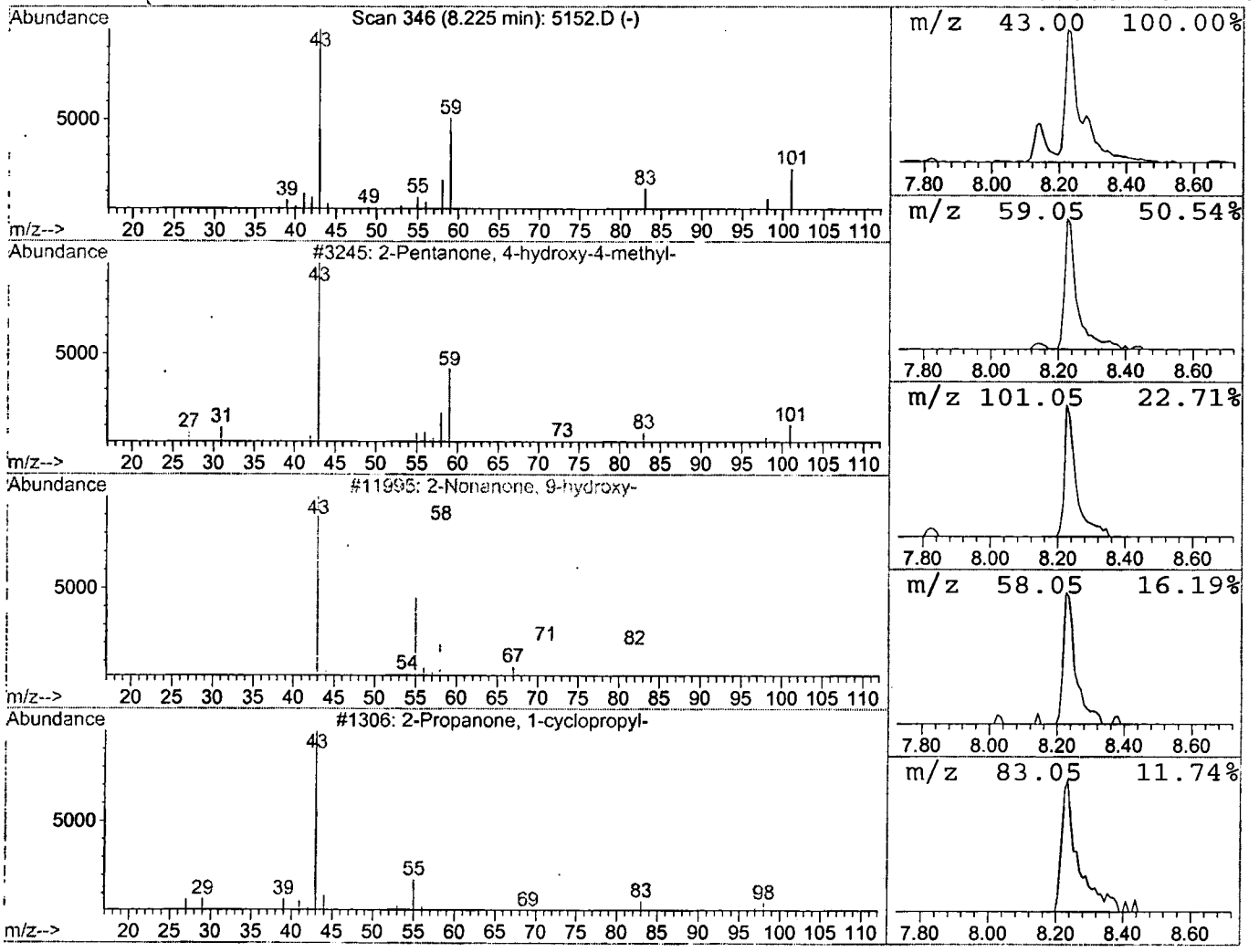
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	0.69 ug/l	91395	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	39
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
3	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5152.D Vial: 38
Acq On : 31 Mar 2002 5:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

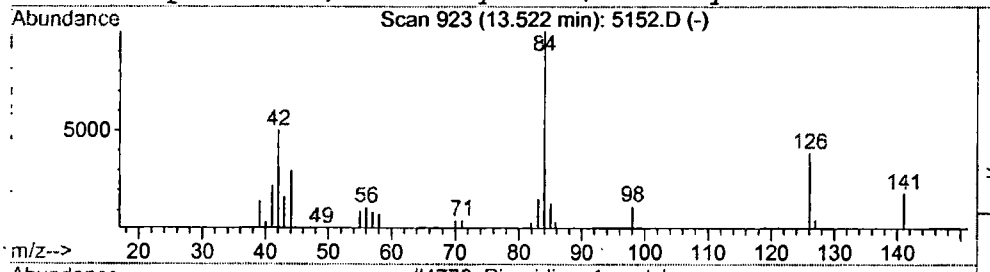
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

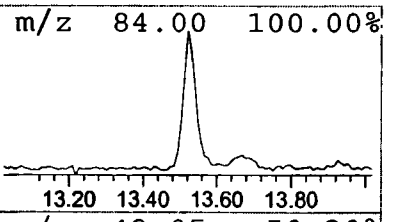
****

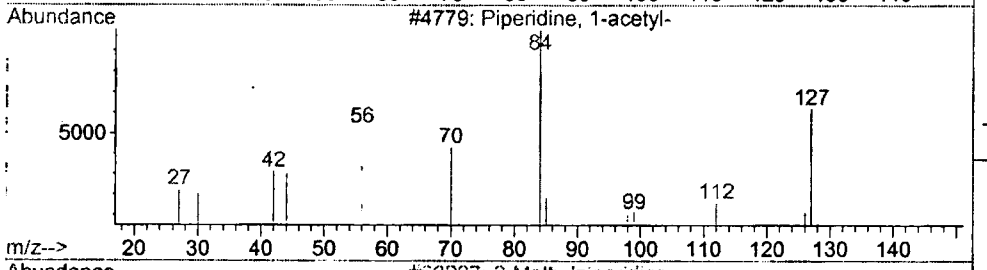
Peak Number 4 Piperidine, 1-acetyl- Concentration Rank 4

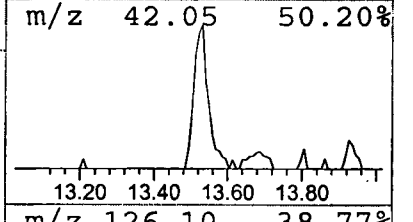
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	0.35 ug/l	46986	1,4-Dichlorobenzene-d4	12.25

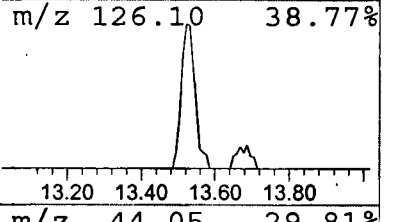
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine, 1-acetyl-	127	C7H13NO	000618-42-8	33
2	2-Methylpiperidine	99	C6H13N	000109-05-7	33
3	1-Pyrrolidineethanamine	114	C6H14N2	007154-73-6	28
4	1-Propanamine, 2-methyl-N-(2-methyl	127	C8H17N	006898-82-4	25

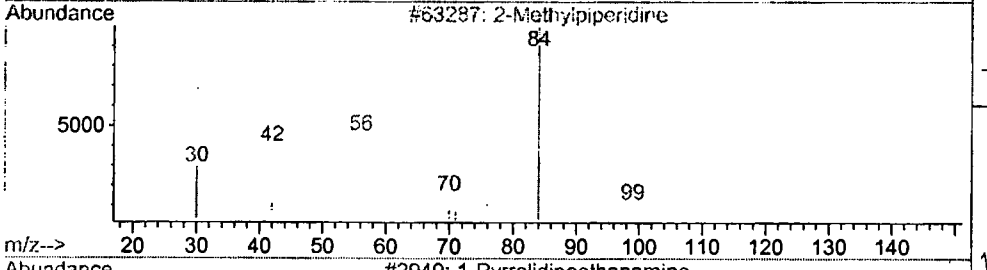


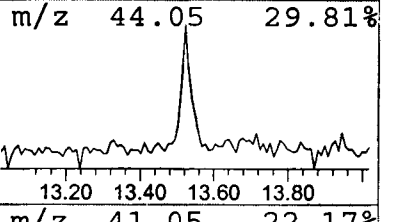


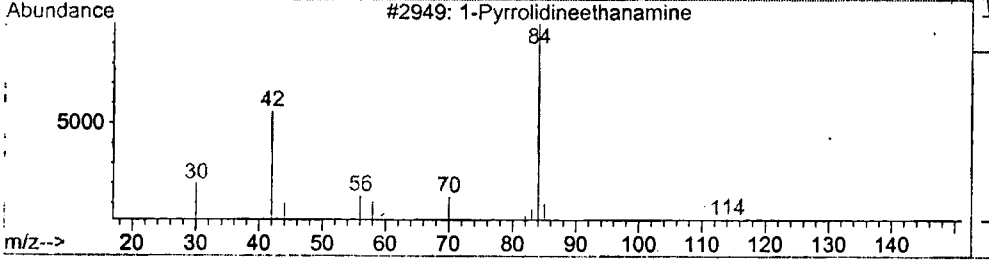


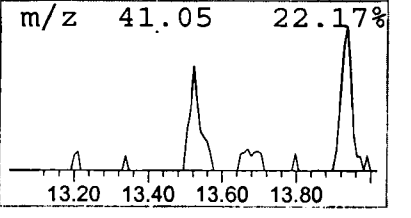












Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 31 Mar 2002 5:40 am
Data File: C:\HPCHEM\1\DATA\MAR3002\5152.D
Name: gc/ms scan 3/8
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
3-Penten-2-one, 4-me	7.18	0.6	ug/l	81549	ISTD01	12.25	2663860	20.0
1-Butanamine, 3-meth	8.14	0.7	ug/l	86643	ISTD01	12.25	2663860	20.0
2-Pentanone, 4-hydro	8.22	0.7	ug/l	91395	ISTD01	12.25	2663860	20.0
Piperidine, 1-acetyl	13.52	0.4	ug/l	46986	ISTD01	12.25	2663860	20.0

5152.D GCMS0308.M Tue Apr 02 15:39:58 2002