User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 14:22:15

Sample: AE10605
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/10/02 08:57 Ended: 5/10/02 08:57 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr: 2,4-DDD	LSPEC	67		10.0

Comments for Sample AE10605 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-15-2002 Time: 14:20:31

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. This sample will be re-extracted because the Surrogate Standard recovery is 67%. Re-analysis yields a Surrogate Standard recovery of 79%.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\10605.D Vial: 7
Acq On : 10 May 2002 6:55 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:28 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.17	152	558621	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	2036280	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.11	164	1116448	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1498600	40.00	ug/l	-0.02
38) Chrysene-d12	33.62	240	863250	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	546315	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.25	209	175005	31.51	ug/L	-0.03
Spiked Amount 40.000			Recovery = 78.78%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.32	74	1938	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-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.38	77	1828	N.D.		
12) Isophorone	14.00	82	1152	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	15.85	128	480	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	22.59	149	1738	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.25	168	478	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.62	178	231	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

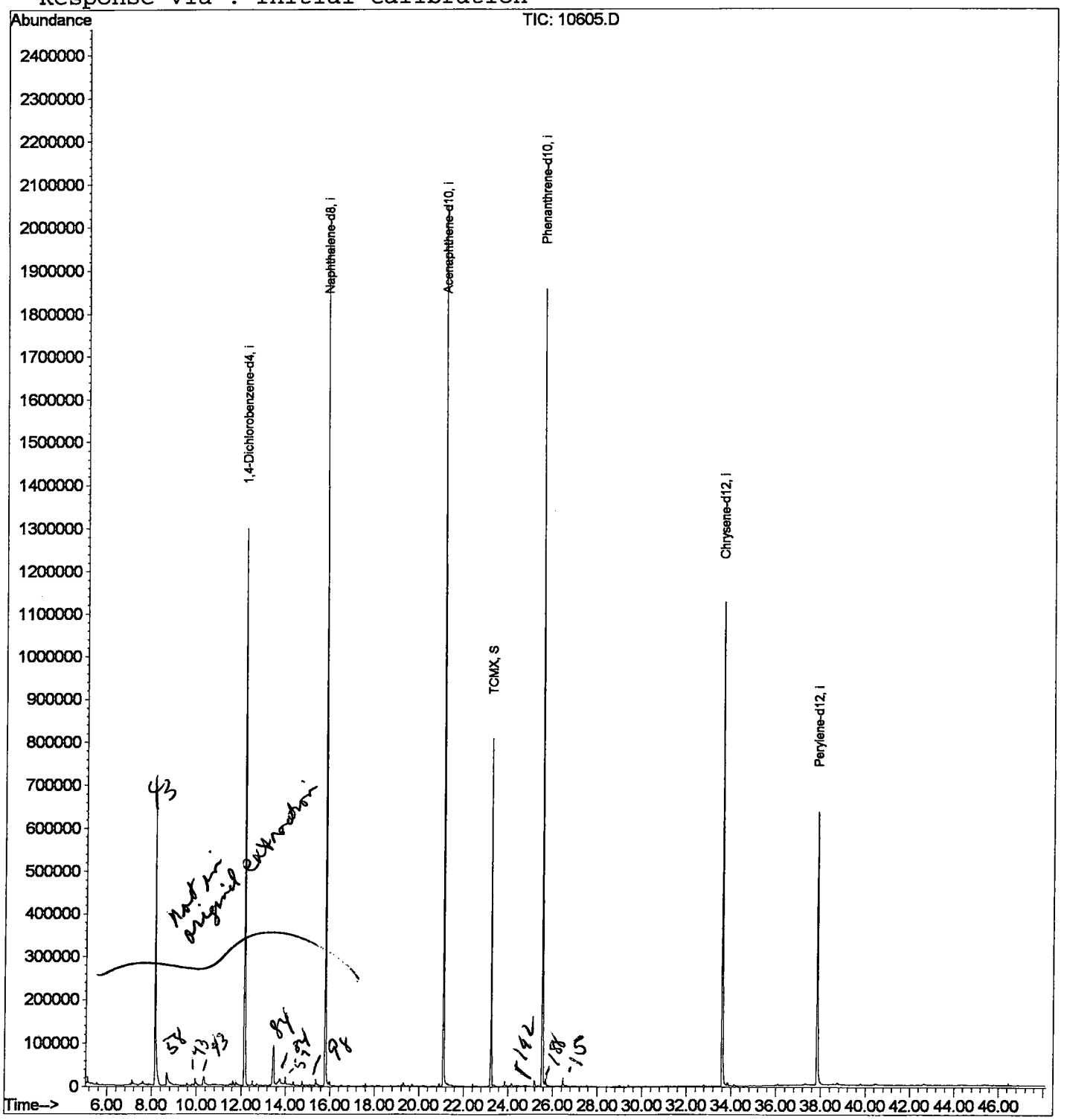
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.61	178	231	N.D.	
36) Di-n-butylphthalate	27.52	149	2348	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	32.06	149	109	N.D.	
41) Benzo(a)anthracene	33.62	228	2149	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.85	149	4349	N.D.	
43) Chrysene	33.69	228	433	N.D.	
45) Di-n-Octylphthalate	35.59	149	293	N.D.	
46) Benzo(b)fluoranthene	36.68	252	571	N.D.	
47) Benzo(k)fluoranthene	36.74	252	1021	N.D.	
48) Benzo(a)pyrene	37.66	252	387	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\MAY1002\10605.D Vial: 7
Acq On : 10 May 2002 6:55 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:28 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10605.D Vial: 7
Acq On : 10 May 2002 6:55 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

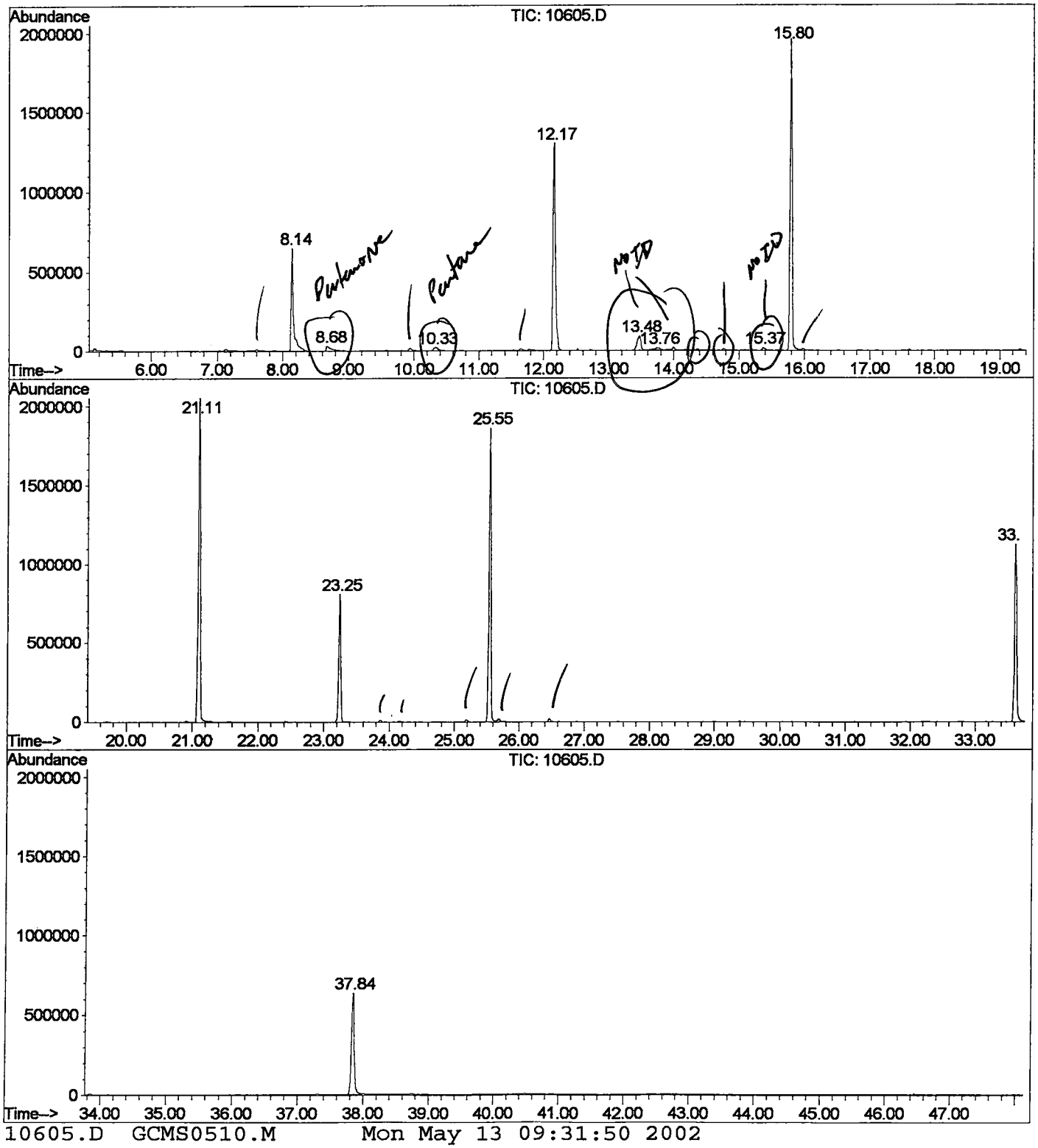
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.144	335	339	371	rVB	646593	1569872	35.14%	6.492%
2	8.675	394	397	422	rBV	28628	163339	3.66%	0.675%
3	10.334	571	578	594	rBV	19272	90842	2.03%	0.376%
4	12.167	772	778	795	rBV	1297628	3171848	71.00%	13.116%
5	13.477	907	921	934	rBV	92677	370893	8.30%	1.534%
6	13.761	937	952	959	rVV5	11361	71503	1.60%	0.296%
7	15.374	1123	1128	1137	rBV2	15748	47804	1.07%	0.198%
8	15.795	1168	1174	1189	rBV	1956038	4023379	90.06%	16.637%
9	21.110	1747	1754	1772	rBV	2049409	4467675	100.00%	18.475%
10	23.245	1979	1987	1993	rBV	806220	1690912	37.85%	6.992%
11	25.555	2231	2239	2250	rBV2	1856176	4020872	90.00%	16.627%
12	33.619	3112	3119	3140	rBV2	1124591	2590455	57.98%	10.712%
13	37.843	3572	3580	3596	rBV2	632465	1903466	42.61%	7.871%

Sum of corrected areas: 24182860

10605.D GCMS0510.M Mon May 13 09:31:49 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10605.D
Operator :
Acquired : 10 May 2002 6:55 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/9
Misc Info :
Vial Number: 7
Quant File :GCMS0510.RES (RTE Integrator)



10605.D GCMS0510.M Mon May 13 09:31:50 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10605.D Vial: 7
Acq On : 10 May 2002 6:55 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

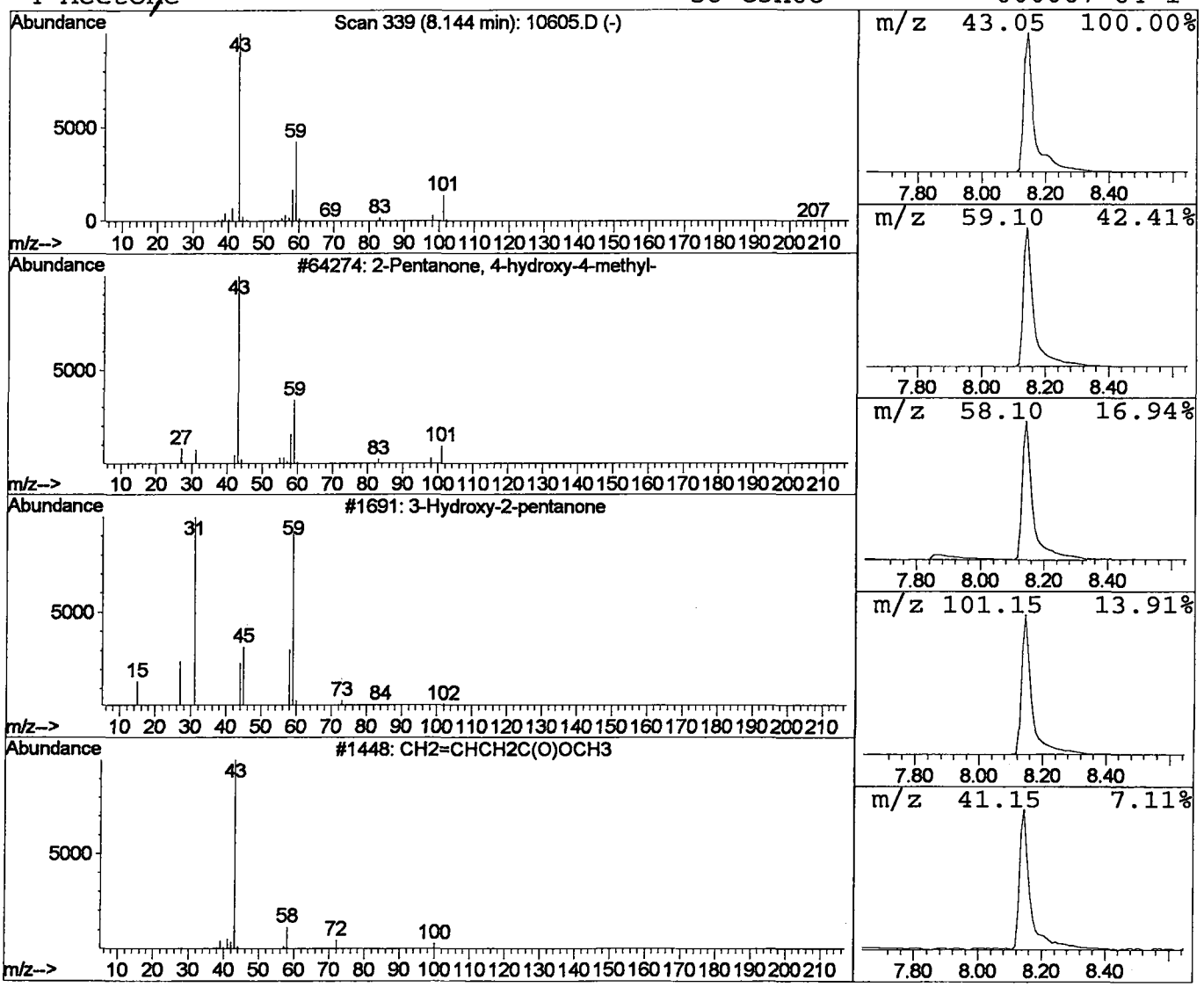
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	19.80 ug/l	1569870	1,4-Dichlorobenzene-d4	12.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10605.D Vial: 7
Acq On : 10 May 2002 6:55 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

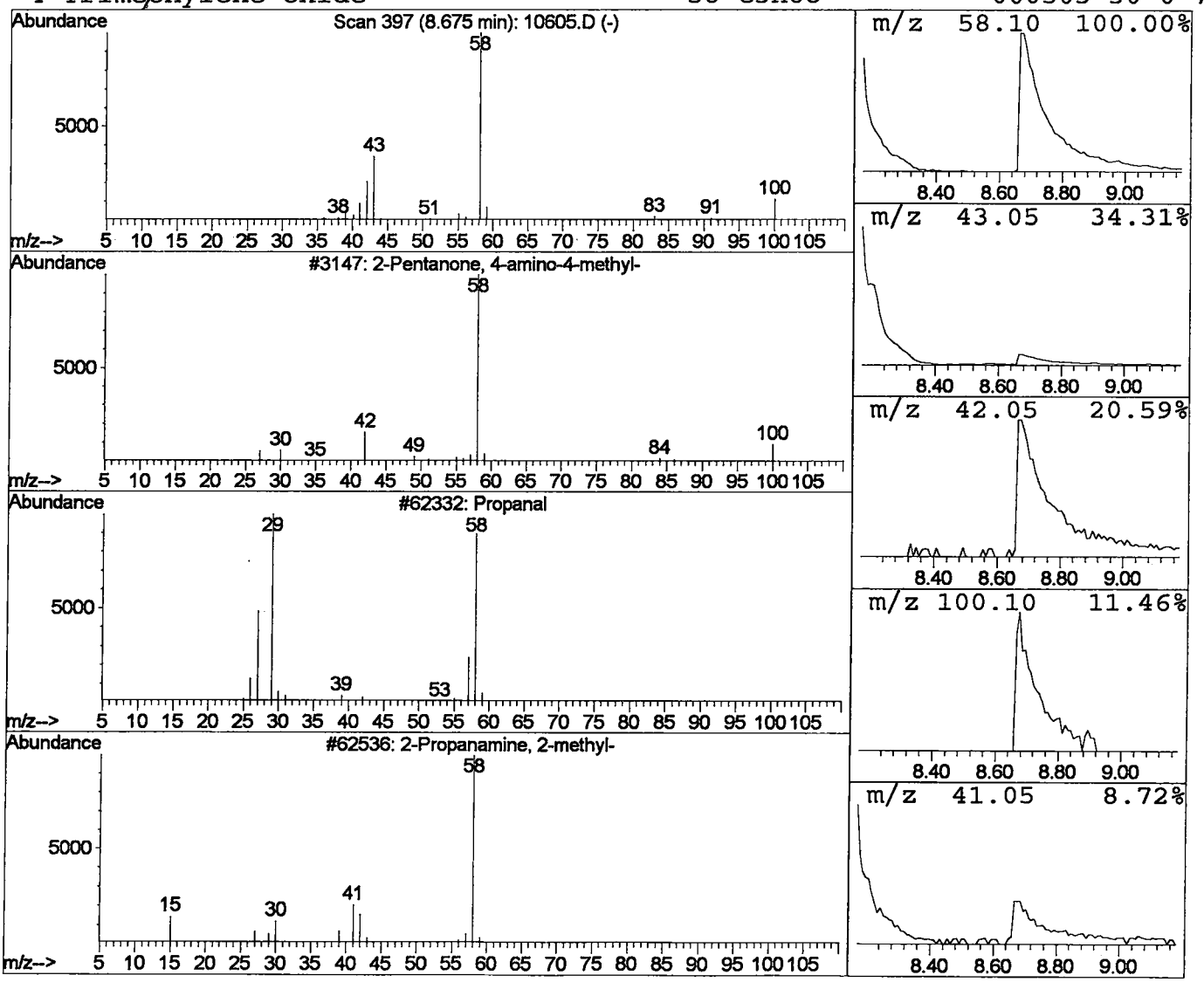
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-amino-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.06 ug/l	163339	1,4-Dichlorobenzene-d4	12.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-amino-4-methyl-	115	C6H13NO	000625-04-7	40
2	Propanal	58	C3H6O	000123-38-6	9
3	2-Propanamine, 2-methyl-	73	C4H11N	000075-64-9	9
4	Trimethylene oxide	58	C3H6O	000503-30-0	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10605.D Vial: 7
Acq On : 10 May 2002 6:55 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

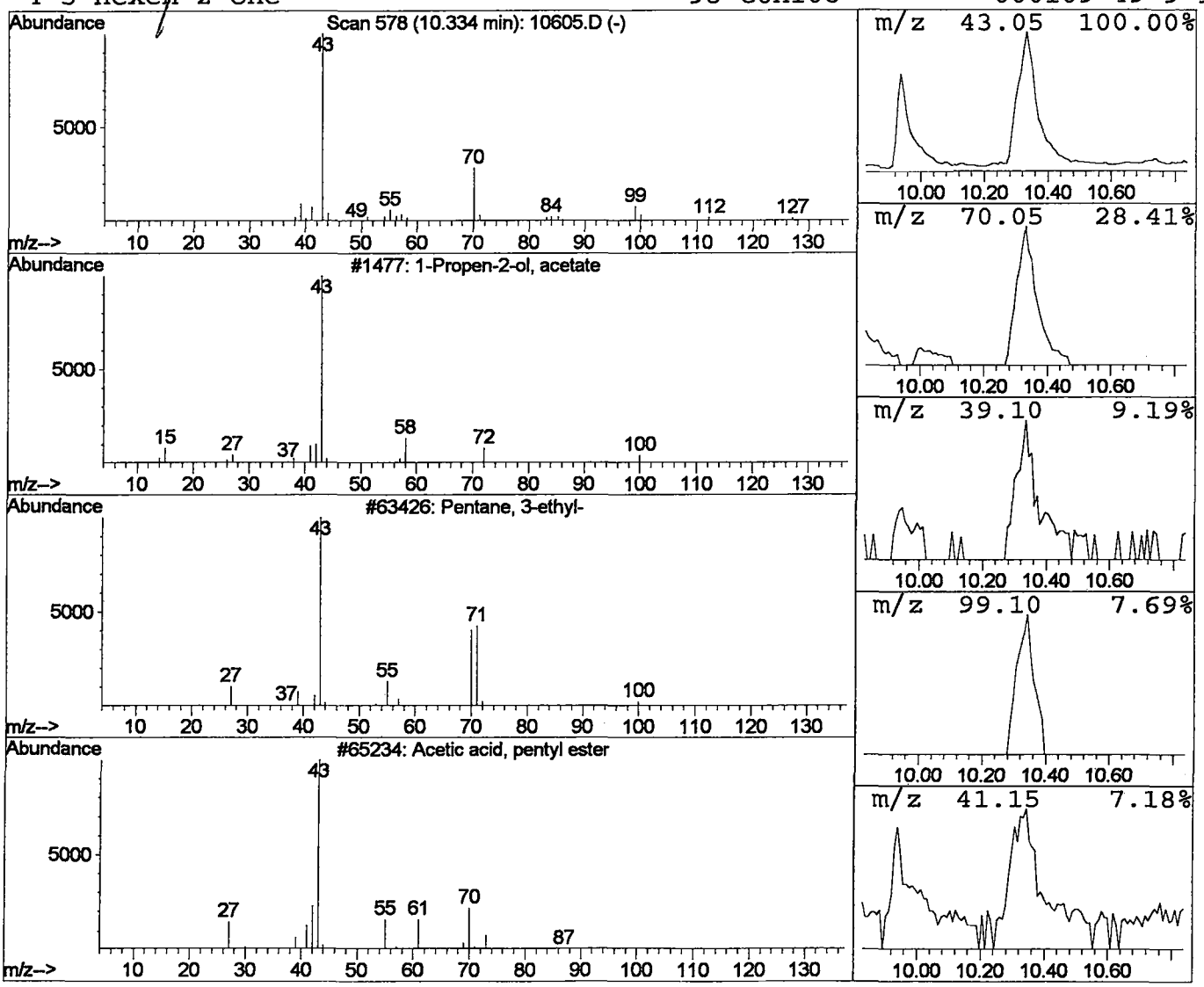
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1-Propen-2-ol, acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	1.15 ug/l	90842	1,4-Dichlorobenzene-d4	12.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	9
3	Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10605.D Vial: 7
Acq On : 10 May 2002 6:55 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

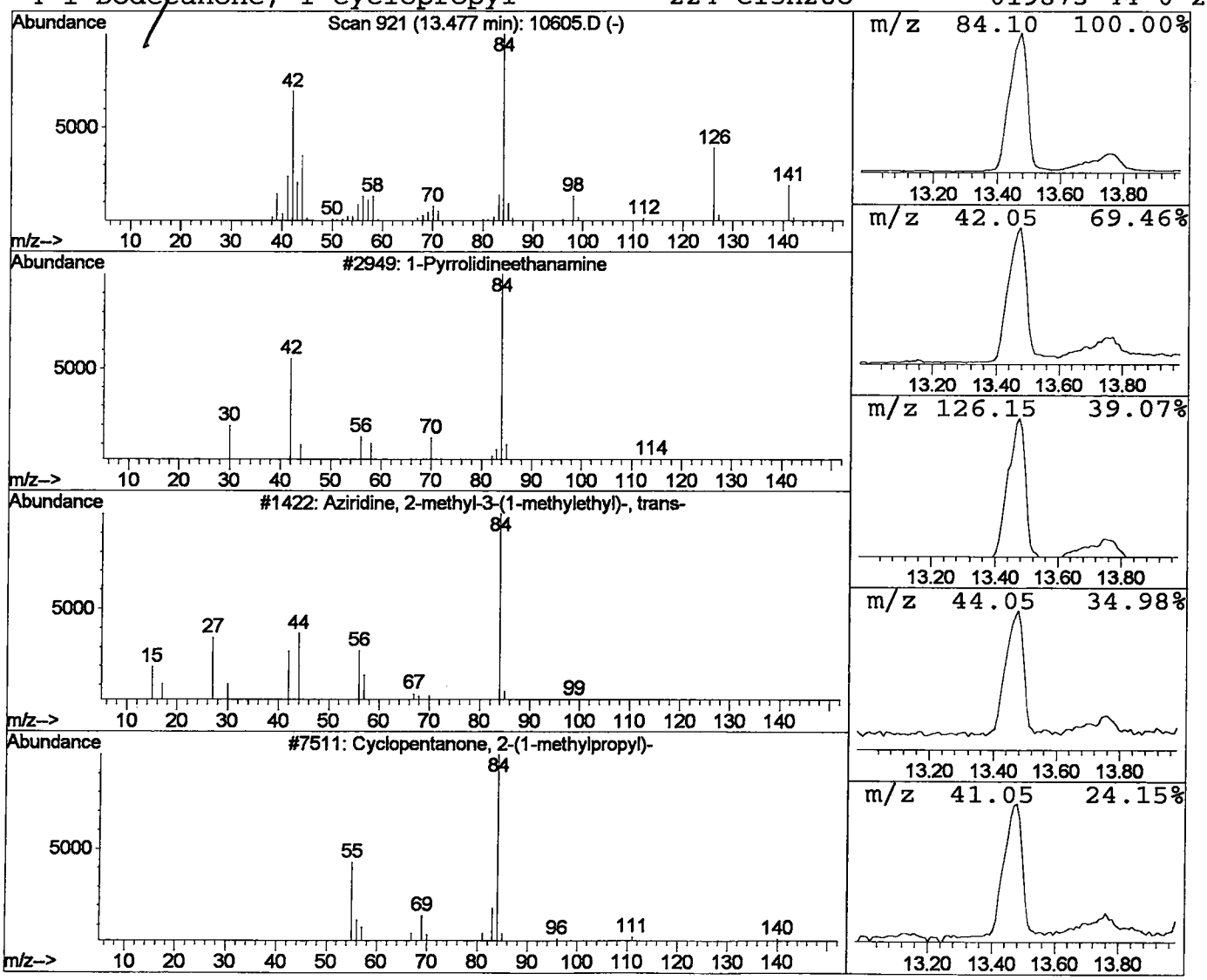
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1-Pyrrolidineethanamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	4.68 ug/l	370893	1,4-Dichlorobenzene-d4	12.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyrrolidineethanamine	114	C6H14N2	007154-73-6	38
2	Aziridine, 2-methyl-3-(1-methylethy	99	C6H13N	010027-95-9	37
3	Cyclopentanone, 2-(1-methylpropyl)-	140	C9H16O	006376-92-7	25
4	1-Dodecanone, 1-cyclopropyl-	224	C15H28O	019873-44-0	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10605.D Vial: 7
Acq On : 10 May 2002 6:55 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

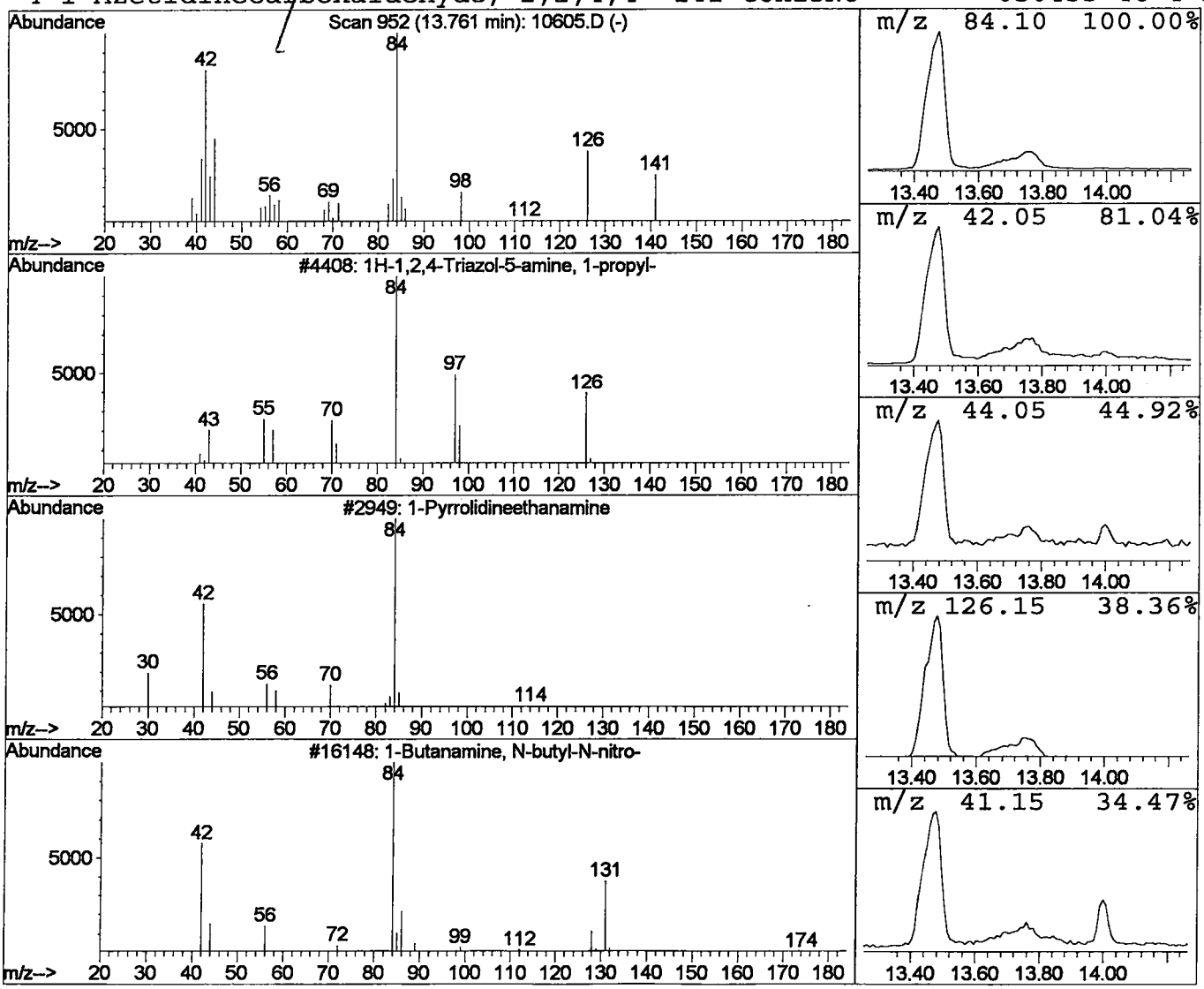
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1H-1,2,4-Triazol-5-amine, 1-pr Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	0.90 ug/l	71503	1,4-Dichlorobenzene-d4	12.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazol-5-amine, 1-propyl-	126	C5H10N4	058661-96-4	35
2	1-Pyrrolidineethanamine	114	C6H14N2	007154-73-6	28
3	1-Butanamine, N-butyl-N-nitro-	174	C8H18N2O2	004164-31-2	25
4	1-Azetidinecarboxaldehyde, 2,2,4,4-	141	C8H15NO	050455-46-4	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10605.D Vial: 7
Acq On : 10 May 2002 6:55 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

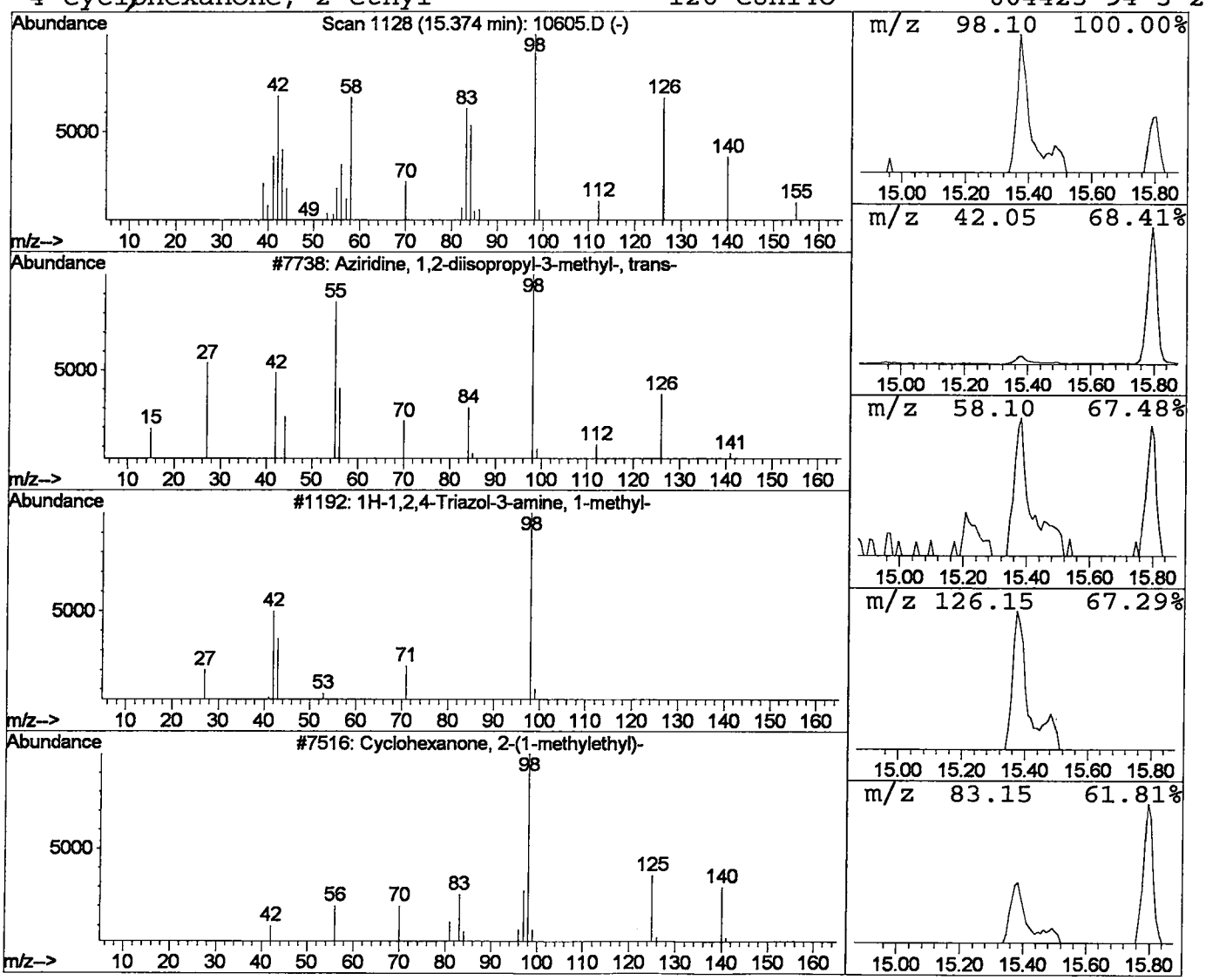
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Aziridine, 1,2-diisopropyl-3-m Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	0.48 ug/l	47804	Naphthalene-d8	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 1,2-diisopropyl-3-methyl	141	C9H19N	006124-84-1	37
2	1H-1,2,4-Triazol-3-amine, 1-methyl-	98	C3H6N4	049607-51-4	27
3	Cyclohexanone, 2-(1-methylethyl)-	140	C9H16O	001004-77-9	25
4	Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	25



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 May 2002 6:55 pm
Data File: C:\HPCHEM\1\DATA\MAY1002\10605.D
Name: GC/MS SCAN 5/9
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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
2-Pentanone, 4-hydro	8.14	19.8	ug/l	1569870	ISTD01	12.17	3171850	40.0
2-Pentanone, 4-amino	8.68	2.1	ug/l	163339	ISTD01	12.17	3171850	40.0
1-Propen-2-ol, aceta	10.33	1.1	ug/l	90842	ISTD01	12.17	3171850	40.0
1-Pyrrolidineethanam	13.48	4.7	ug/l	370893	ISTD01	12.17	3171850	40.0
1H-1,2,4-Triazol-5-a	13.76	0.9	ug/l	71503	ISTD01	12.17	3171850	40.0
Aziridine, 1,2-diiso	15.37	0.5	ug/l	47804	ISTD02	15.80	4023380	40.0

10605.D GCMS0510.M Mon May 13 09:31:56 2002