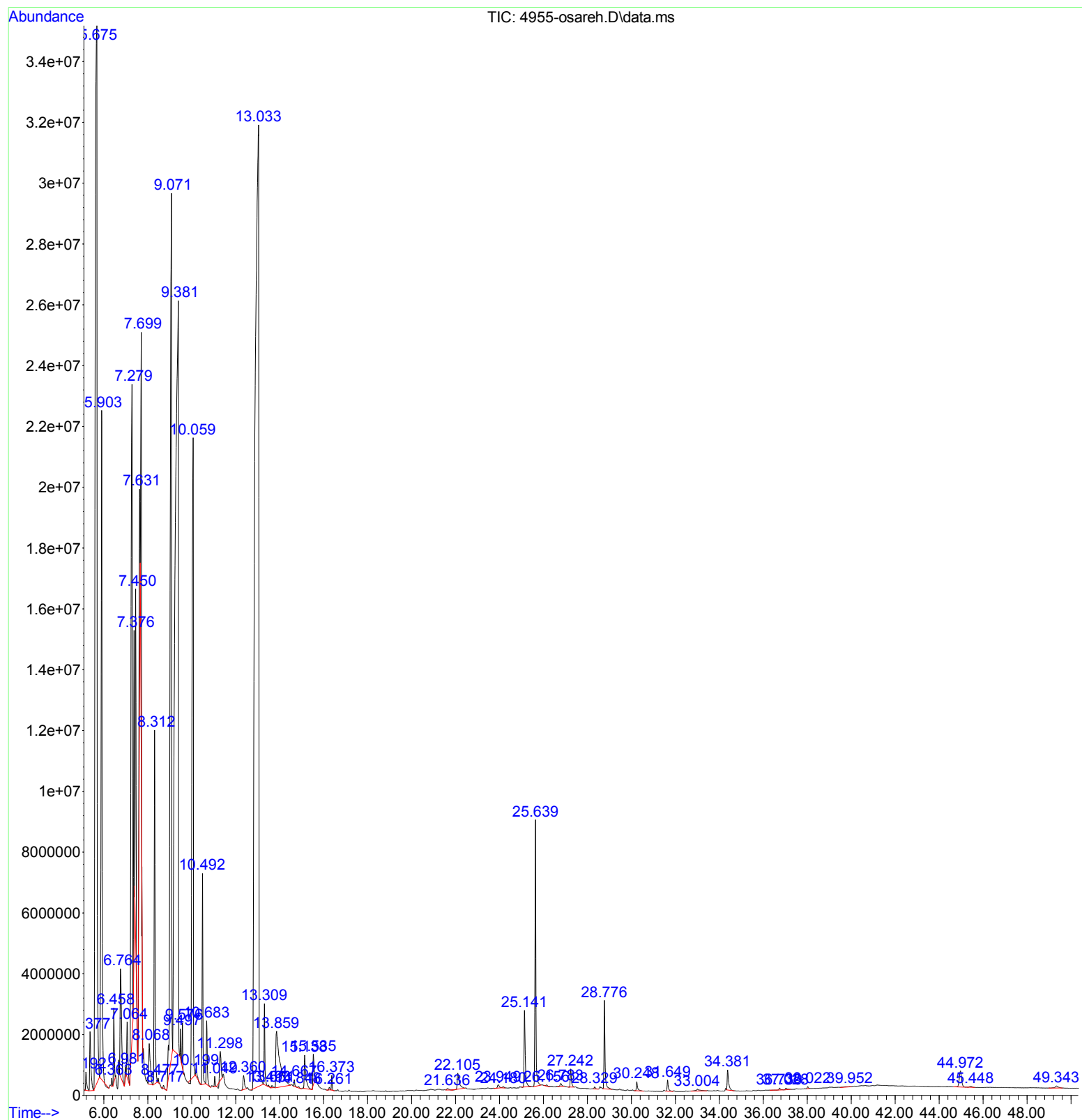


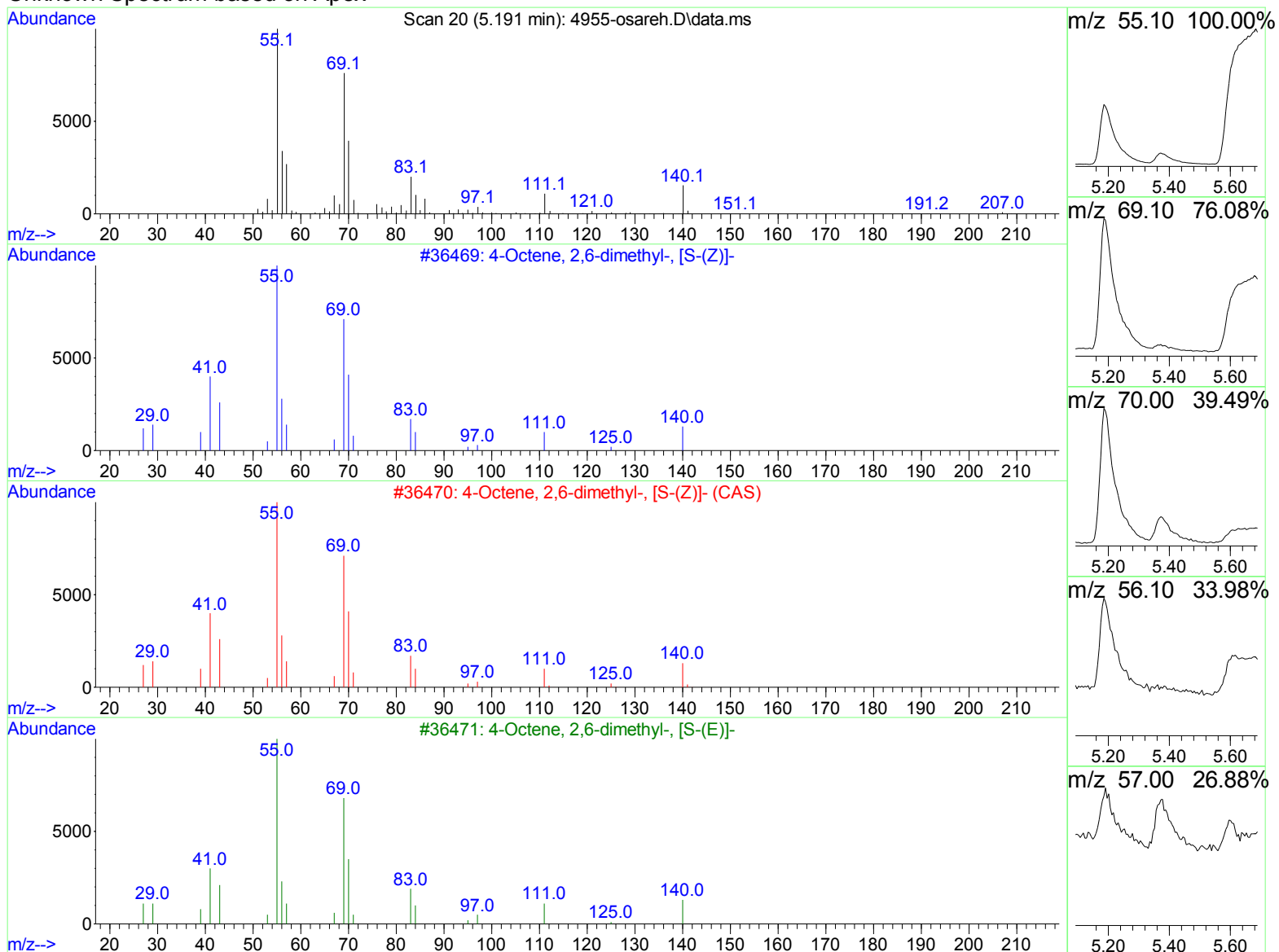
Data Path : G:\VOC\NÔ 1399\99-11-18\
Data File : 4955-osareh.D
Acq On : 9 Feb 2021 22:25
Operator :
Sample : 4955-osareh
Misc :
ALS Vial : 96 Sample Multiplier: 1

Search Libraries: E:\Database\wiley7n.l Minimum Quality: 0

Unknown Spectrum: Apex
Integration Events: ChemStation Integrator - events.e



Unknown Spectrum based on Apex



Data File: G:\0ÇÑÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

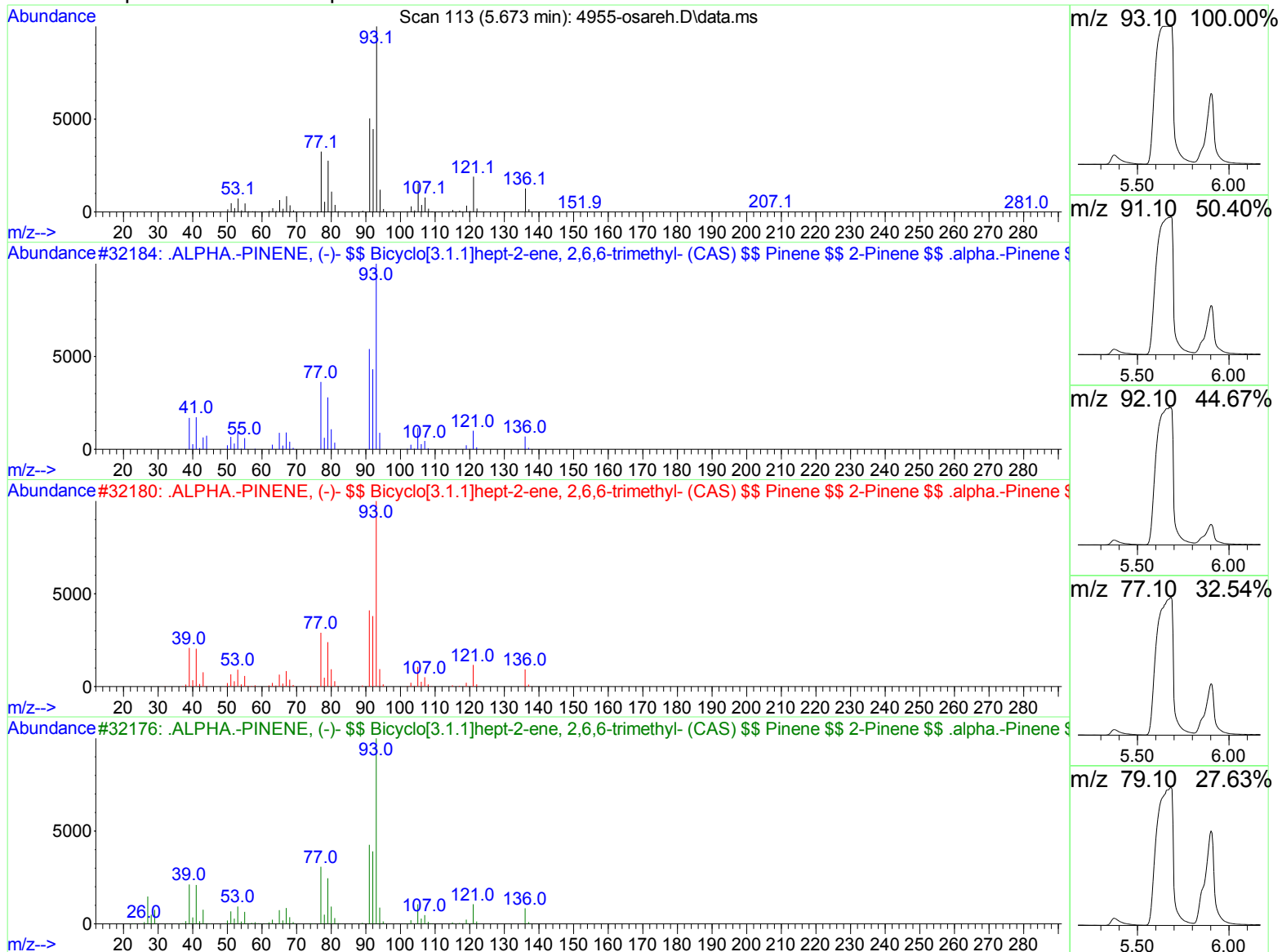
Peak Number: 1 at 5.191 min Area: 19449861 Area % 0.13

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	4-Octene, 2,6-dimethyl-, [S-(Z)]-	36469	062960-77-4	94
2	4-Octene, 2,6-dimethyl-, [S-(Z)]...	36470	062960-77-4	94
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	36471	062960-76-3	94

Unknown Spectrum based on Apex



Data File: G:\0ÇÑÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

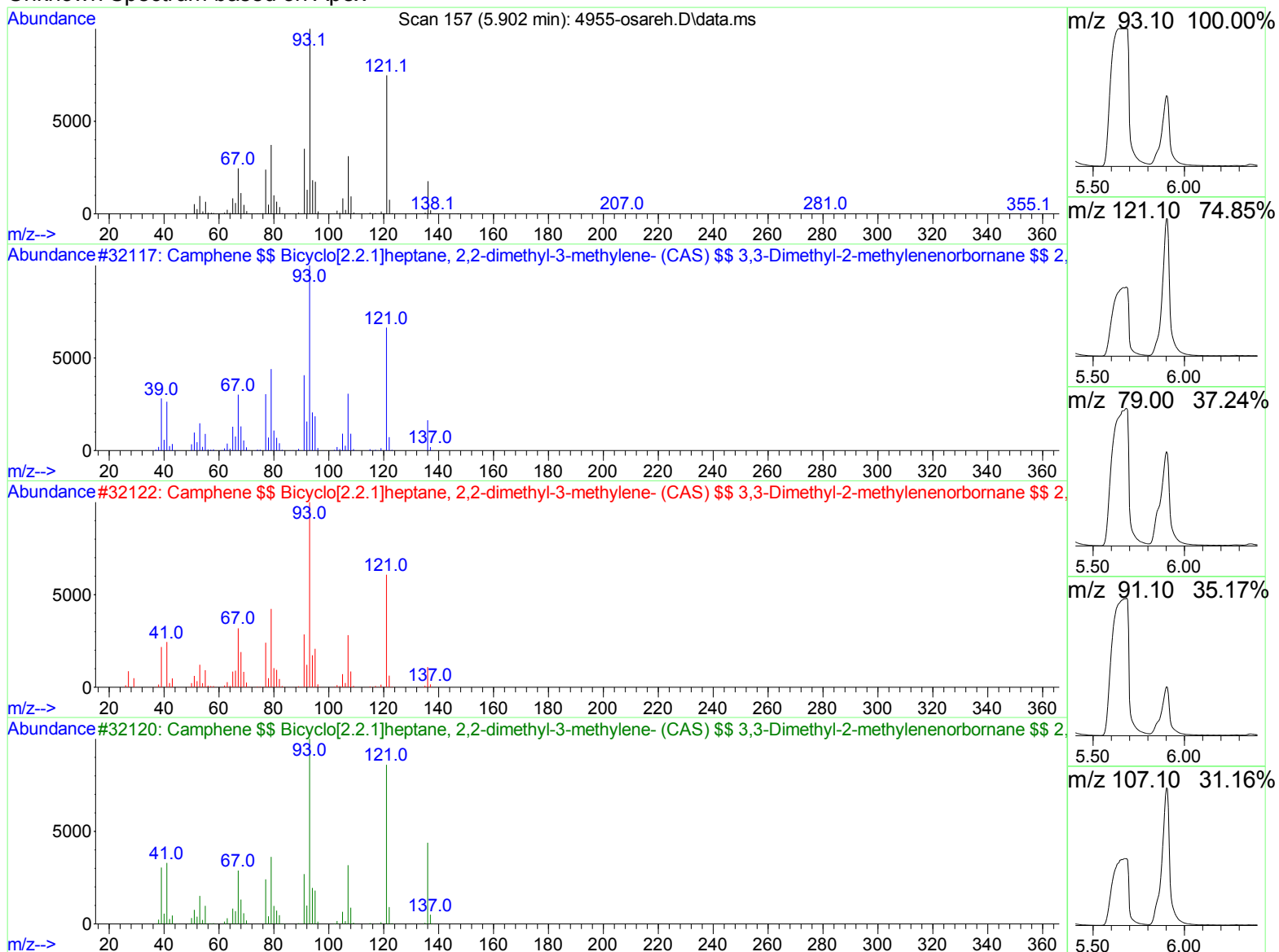
Peak Number: 3 at 5.673 min Area: 2175773565 Area % 14.18

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 .ALPHA.-PINENE, (-)- \$\$ Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	32184	000080-56-8	96
2 .ALPHA.-PINENE, (-)- \$\$ Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	32180	000080-56-8	95
3 .ALPHA.-PINENE, (-)- \$\$ Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	32176	000080-56-8	94

Unknown Spectrum based on Apex



Data File: G:\0ÇÑÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

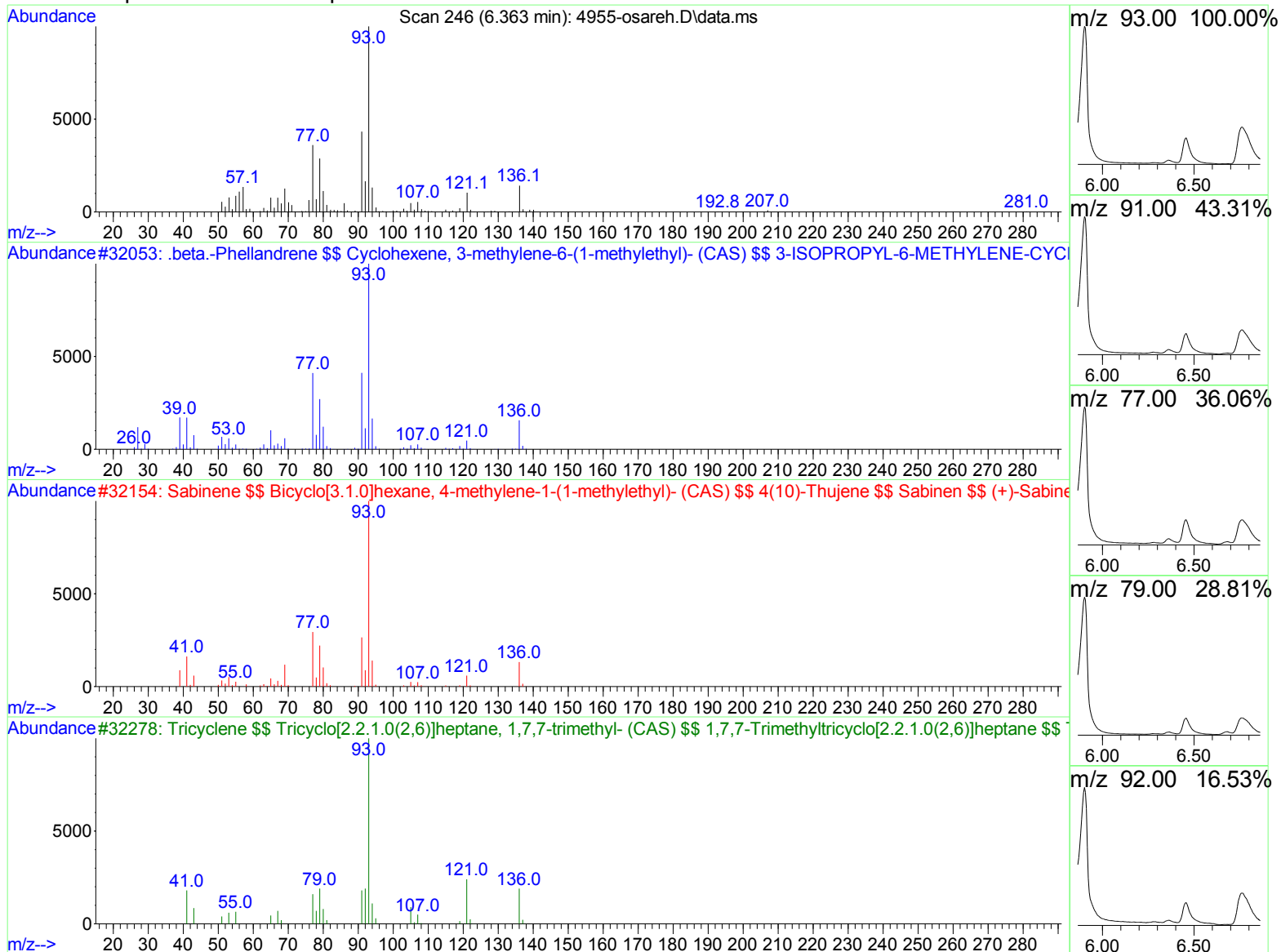
Peak Number: 4 at 5.902 min Area: 698787643 Area % 4.55

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	Camphene \$\$ Bicyclo[2.2.1]heptan...	32117	000079-92-5	98
2	Camphene \$\$ Bicyclo[2.2.1]heptan...	32122	000079-92-5	97
3	Camphene \$\$ Bicyclo[2.2.1]heptan...	32120	000079-92-5	97

Unknown Spectrum based on Apex



Data File: G:\VOC\N1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

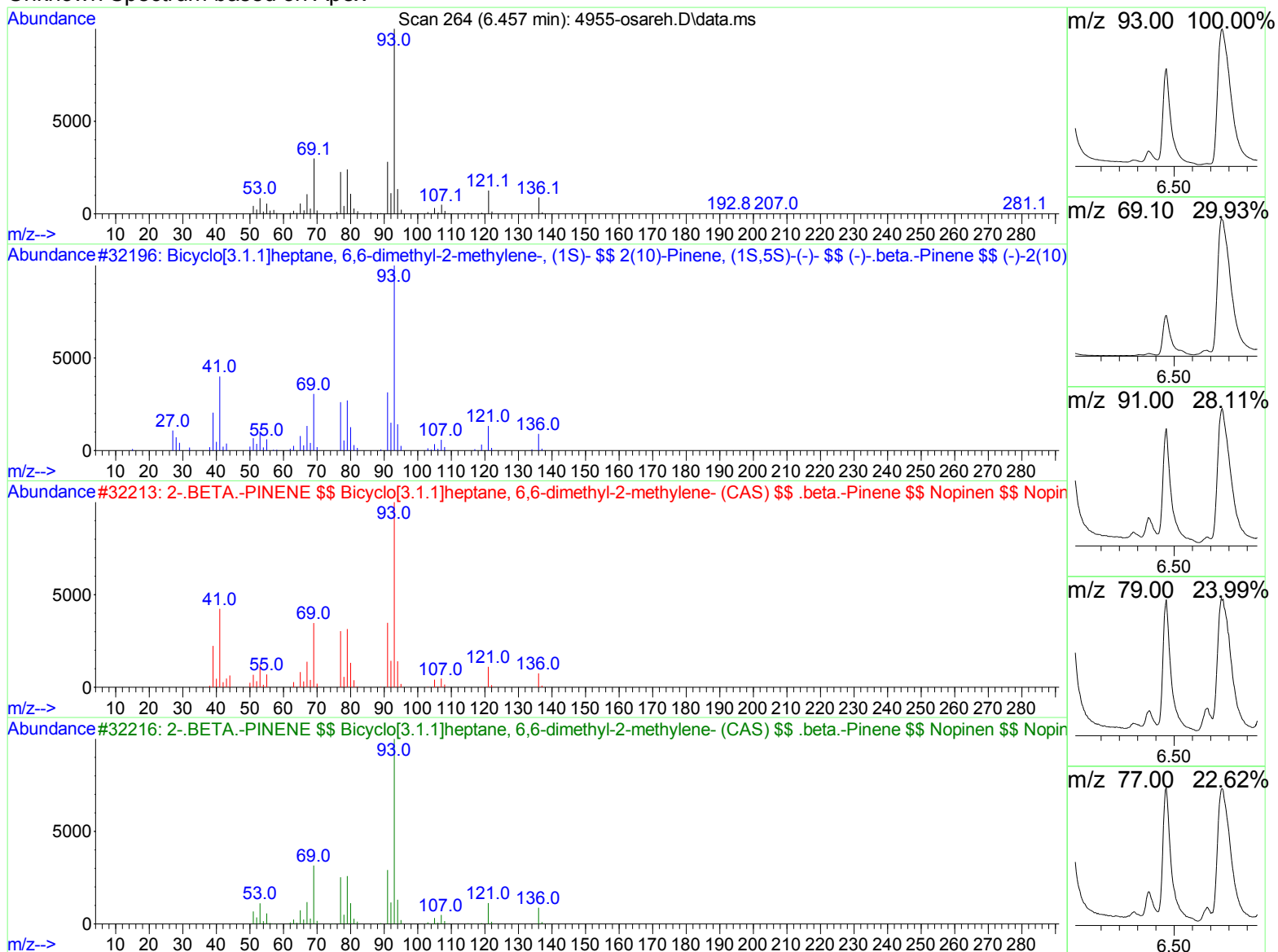
Peak Number: 5 at 6.363 min Area: 5728752 Area % 0.04

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	.beta.-Phellandrene \$\$ Cyclohexe...	32053	000555-10-2	95
2	Sabinene \$\$ Bicyclo[3.1.0]hexane...	32154	003387-41-5	95
3	Tricyclene \$\$ Tricyclo[2.2.1.0(2...	32278	000508-32-7	95

Unknown Spectrum based on Apex



Data File: G:\0ÇÑÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

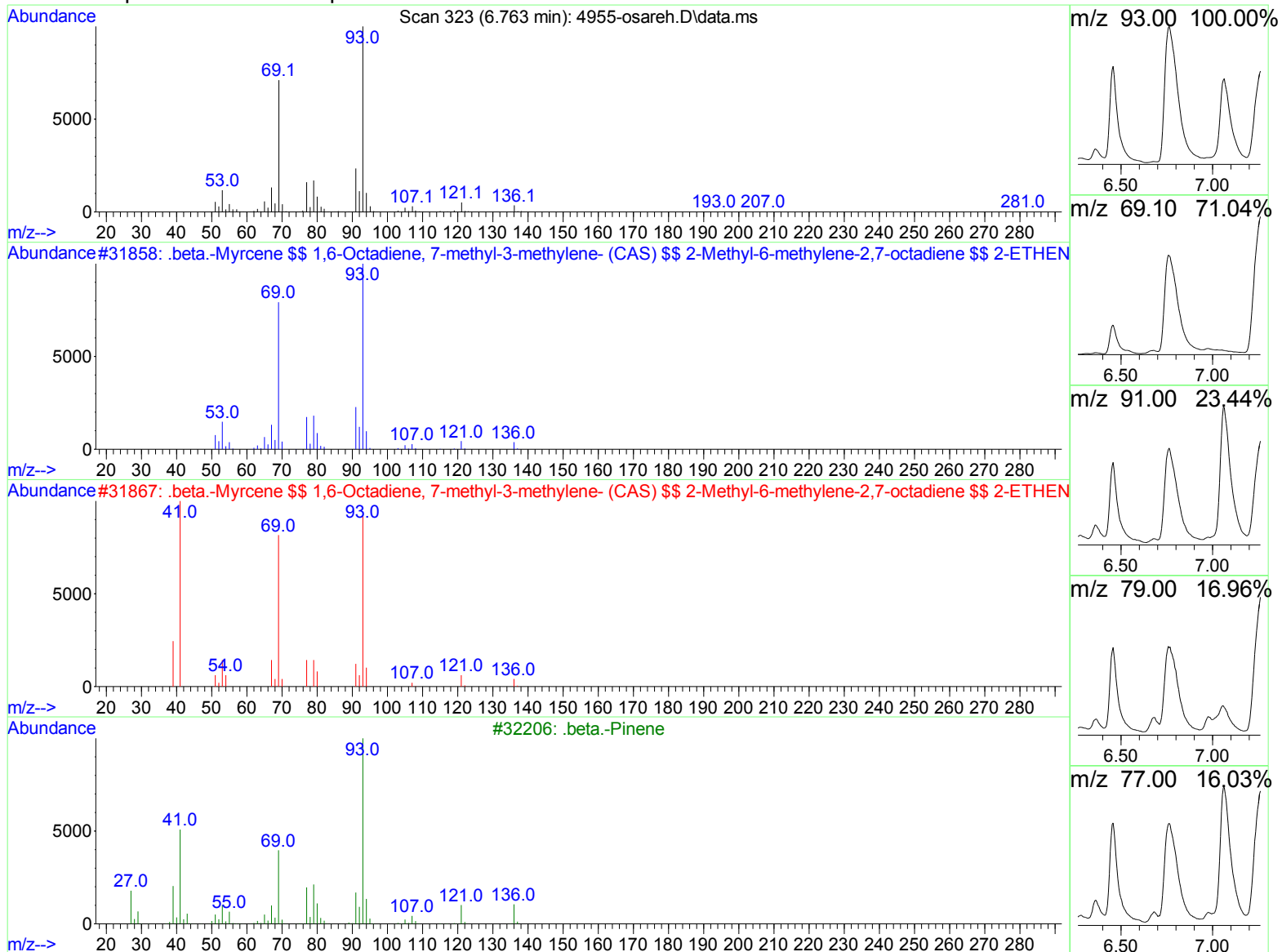
Peak Number: 6 at 6.457 min Area: 60729451 Area % 0.40

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	Bicyclo[3.1.1]heptane, 6,6-dimet...	32196	018172-67-3	97
2	2-.BETA.-PINENE Bicyclo[3.1.1...	32213	000127-91-3	96
3	2-.BETA.-PINENE Bicyclo[3.1.1...	32216	000127-91-3	96

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

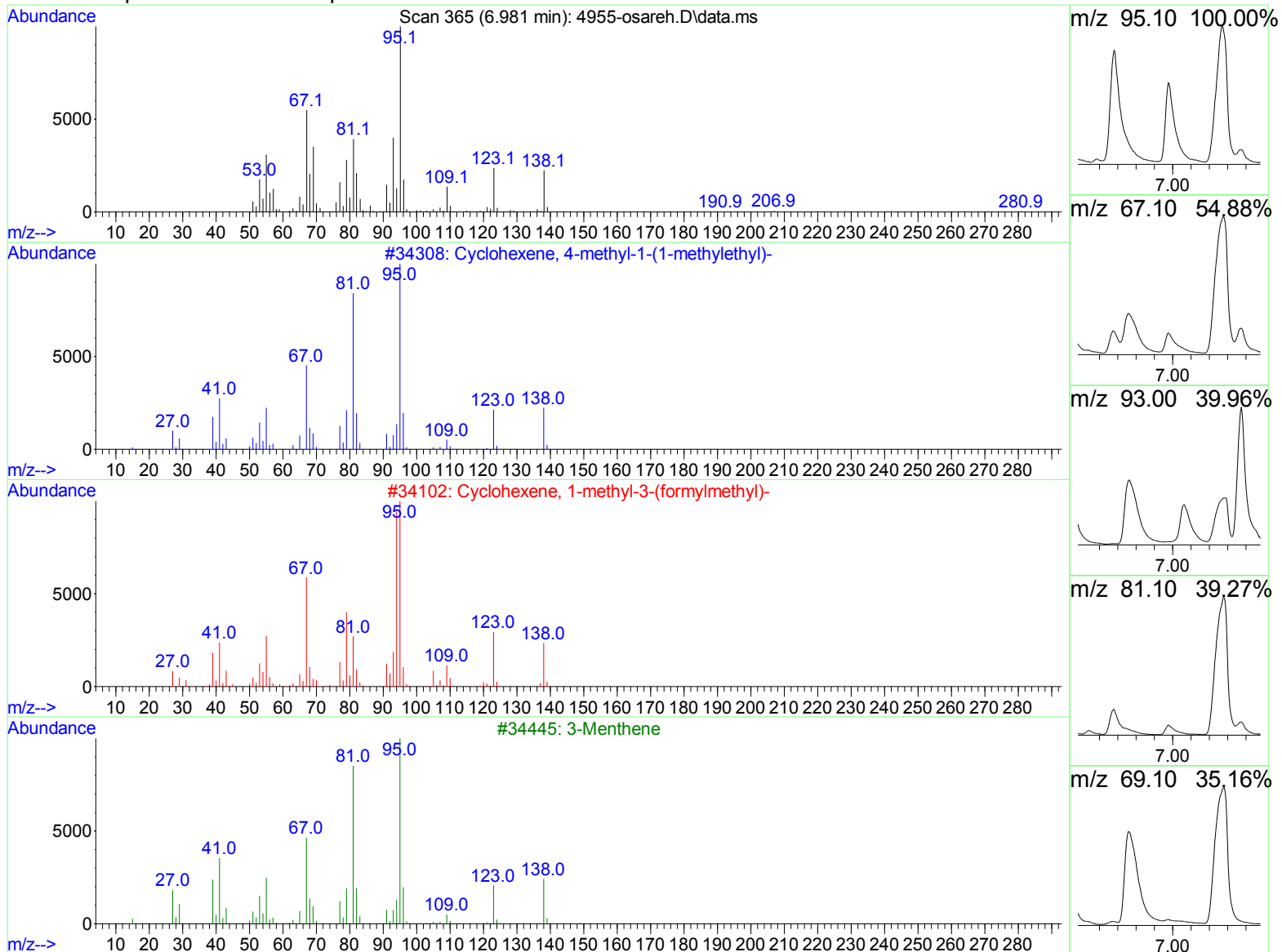
Peak Number: 7 at 6.763 min Area: 164667773 Area % 1.07

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 .beta.-Myrcene \$\$ 1,6-Octadiene,...	31858	000123-35-3	96
2 .beta.-Myrcene \$\$ 1,6-Octadiene,...	31867	000123-35-3	94
3 .beta.-Pinene	32206	000127-91-3	91

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

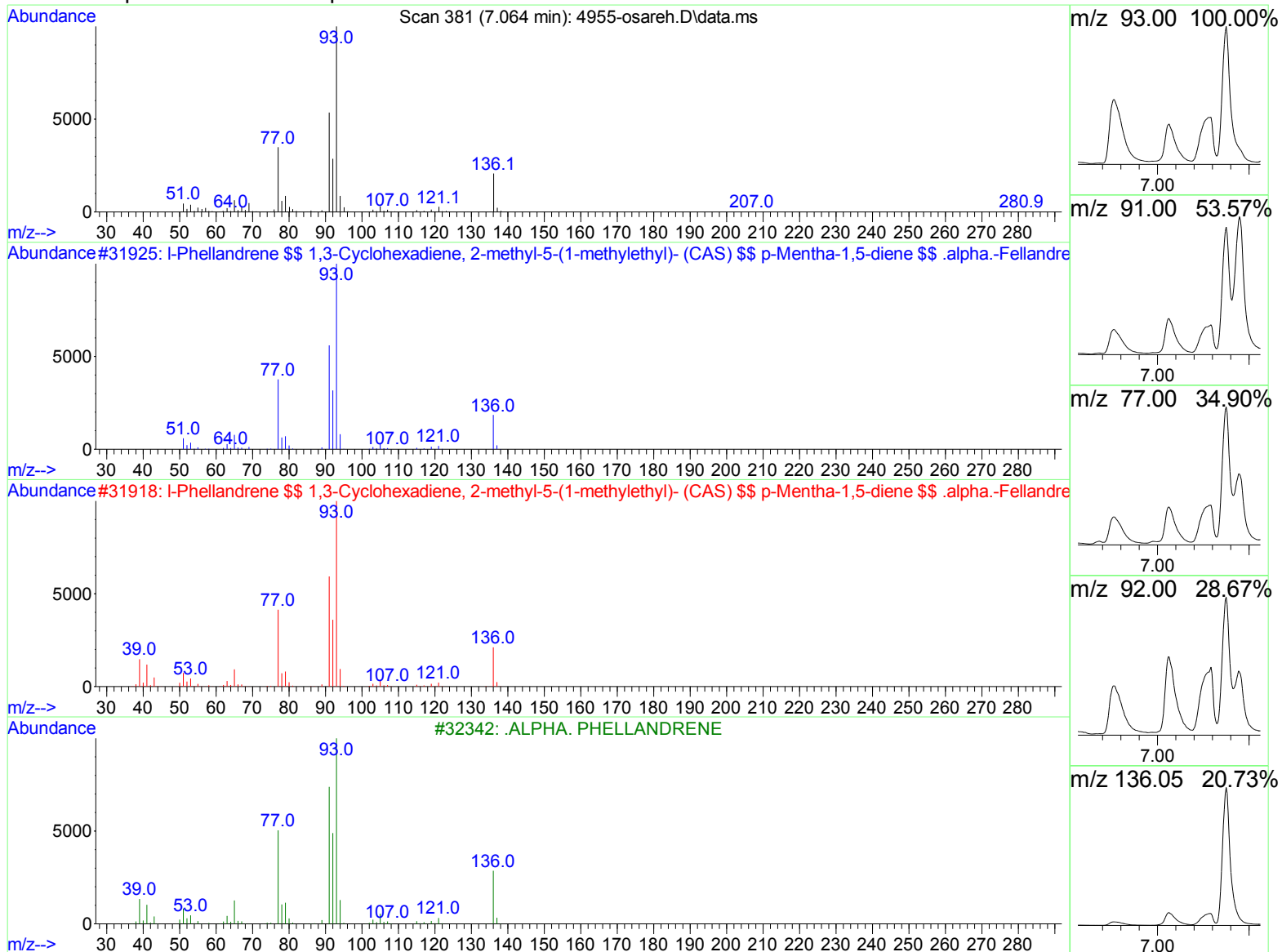
Peak Number: 8 at 6.981 min Area: 7373155 Area % 0.05

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Cyclohexene, 4-methyl-1-(1-methy...	34308	000500-00-5	90
2 Cyclohexene, 1-methyl-3-(formylm...	34102	129993-40-4	89
3 3-Menthene	34445	000000-00-0	81

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

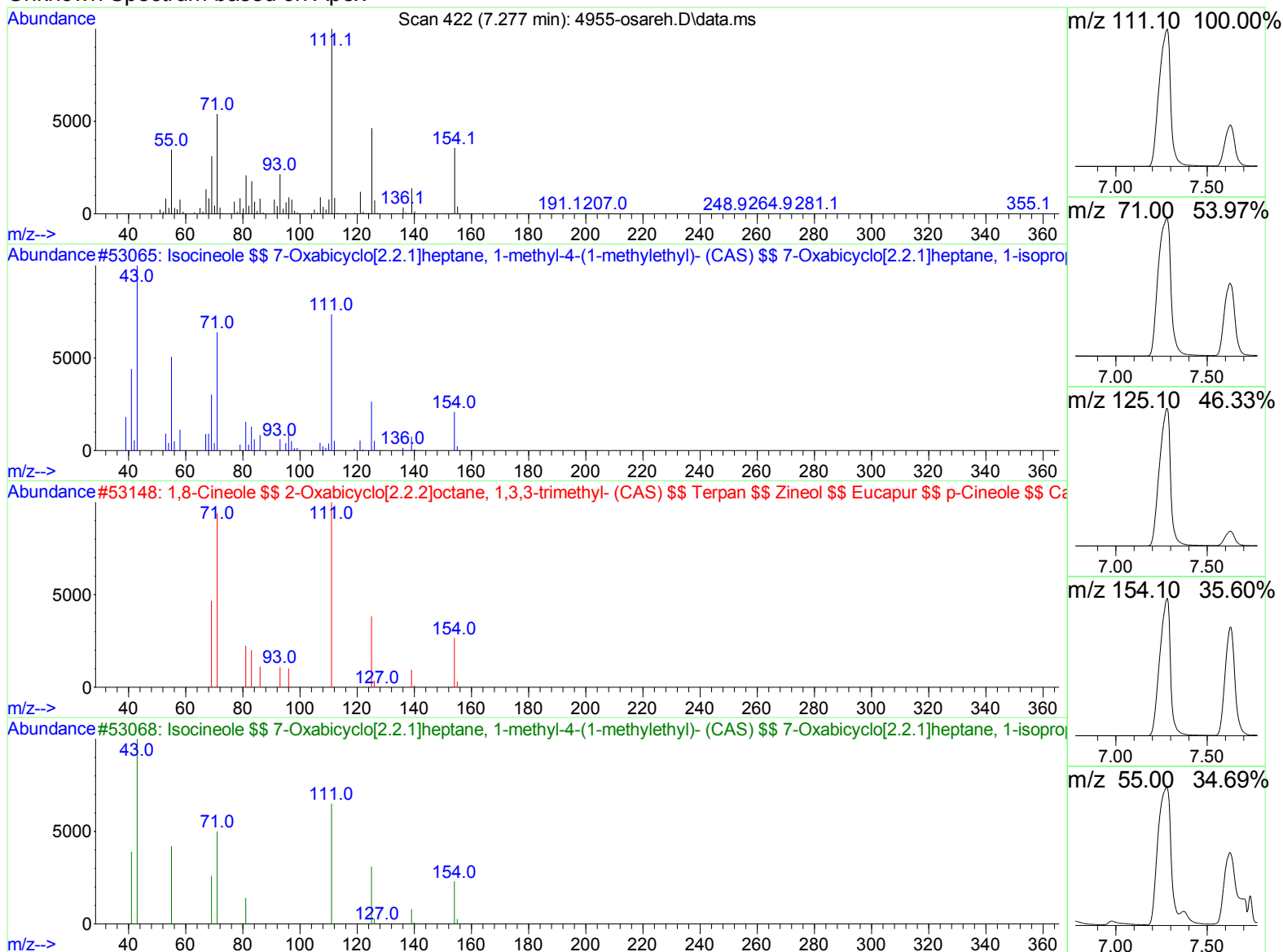
Peak Number: 9 at 7.064 min Area: 65494029 Area % 0.43

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 I-Phellandrene \$\$ 1,3-Cyclohexad...	31925	000099-83-2	97
2 I-Phellandrene \$\$ 1,3-Cyclohexad...	31918	000099-83-2	96
3 .ALPHA. PHELLANDRENE	32342	001529-99-3	95

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

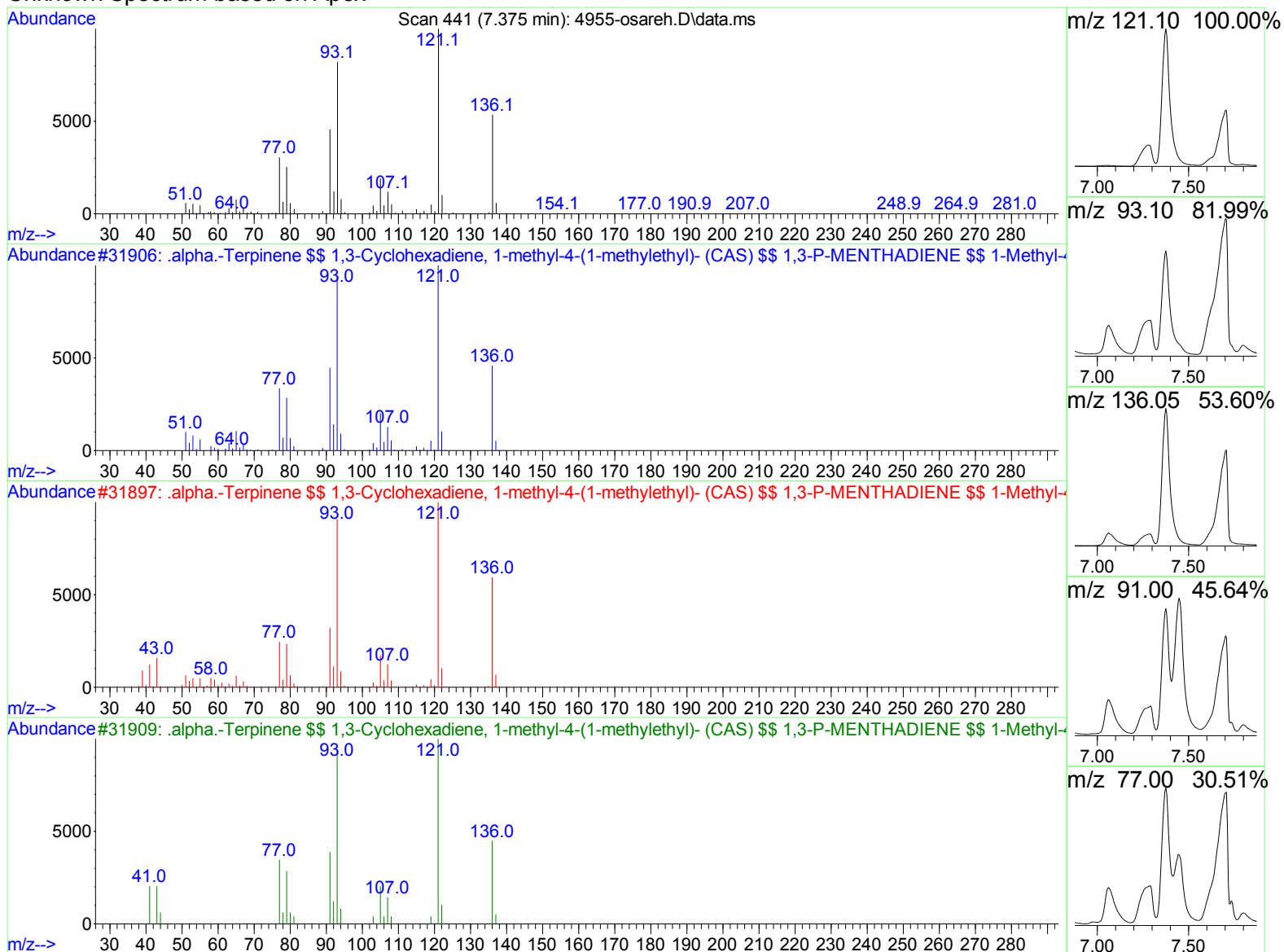
Peak Number: 10 at 7.277 min Area: 908752495 Area % 5.92

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	Isocineole \$\$ 7-Oxabicyclo[2.2.1]...	53065	000470-67-7	93
2	1,8-Cineole \$\$ 2-Oxabicyclo[2.2....	53148	000470-82-6	93
3	Isocineole \$\$ 7-Oxabicyclo[2.2.1]...	53068	000470-67-7	87

Unknown Spectrum based on Apex



Data File: G:\VOC\1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

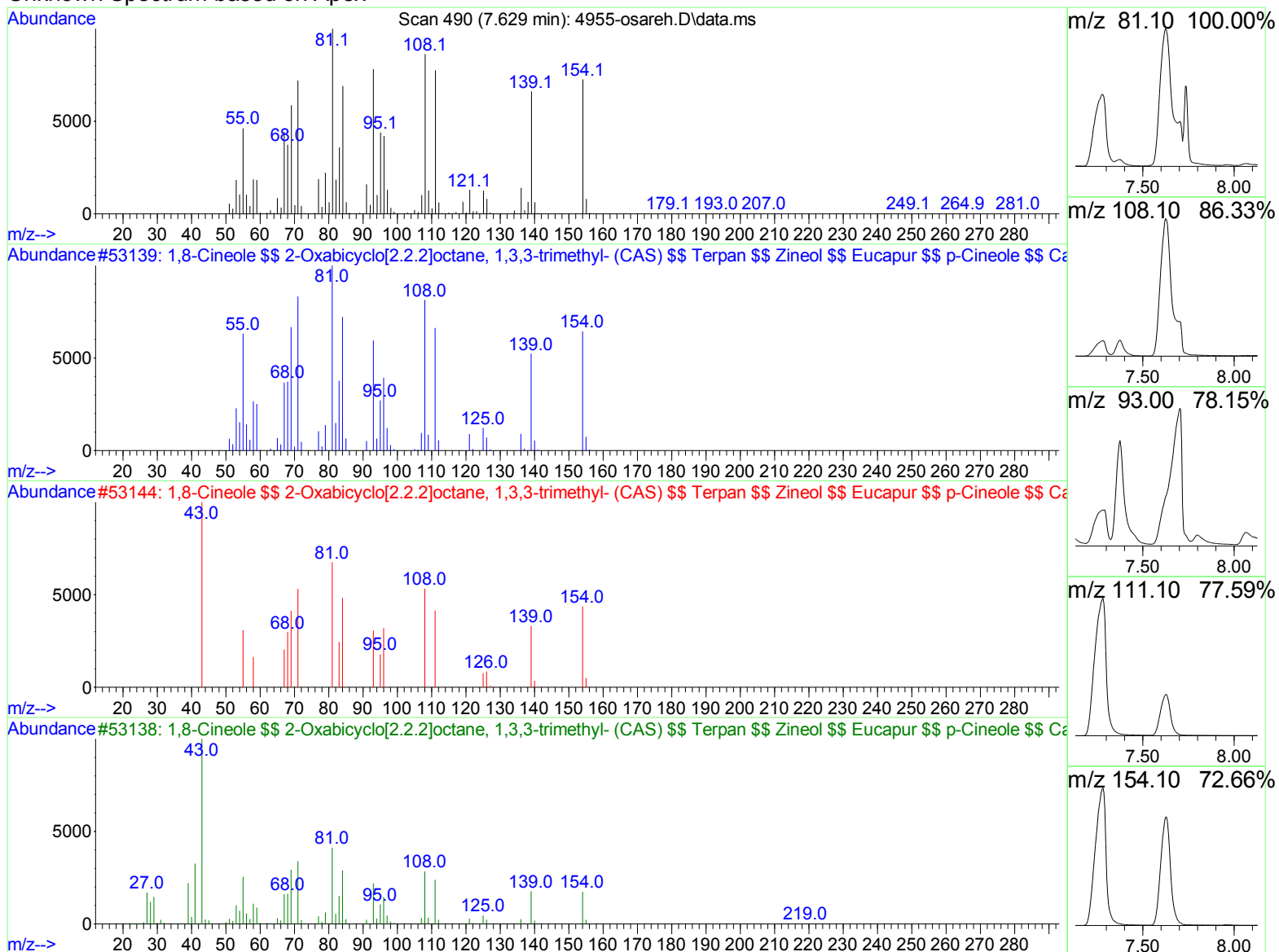
Peak Number: 11 at 7.375 min Area: 223238949 Area % 1.45

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 .alpha.-Terpinene \$\$ 1,3-Cyclohe...	31906	000099-86-5	98
2 .alpha.-Terpinene \$\$ 1,3-Cyclohe...	31897	000099-86-5	98
3 .alpha.-Terpinene \$\$ 1,3-Cyclohe...	31909	000099-86-5	98

Unknown Spectrum based on Apex



Data File: G:\0ÇÑÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

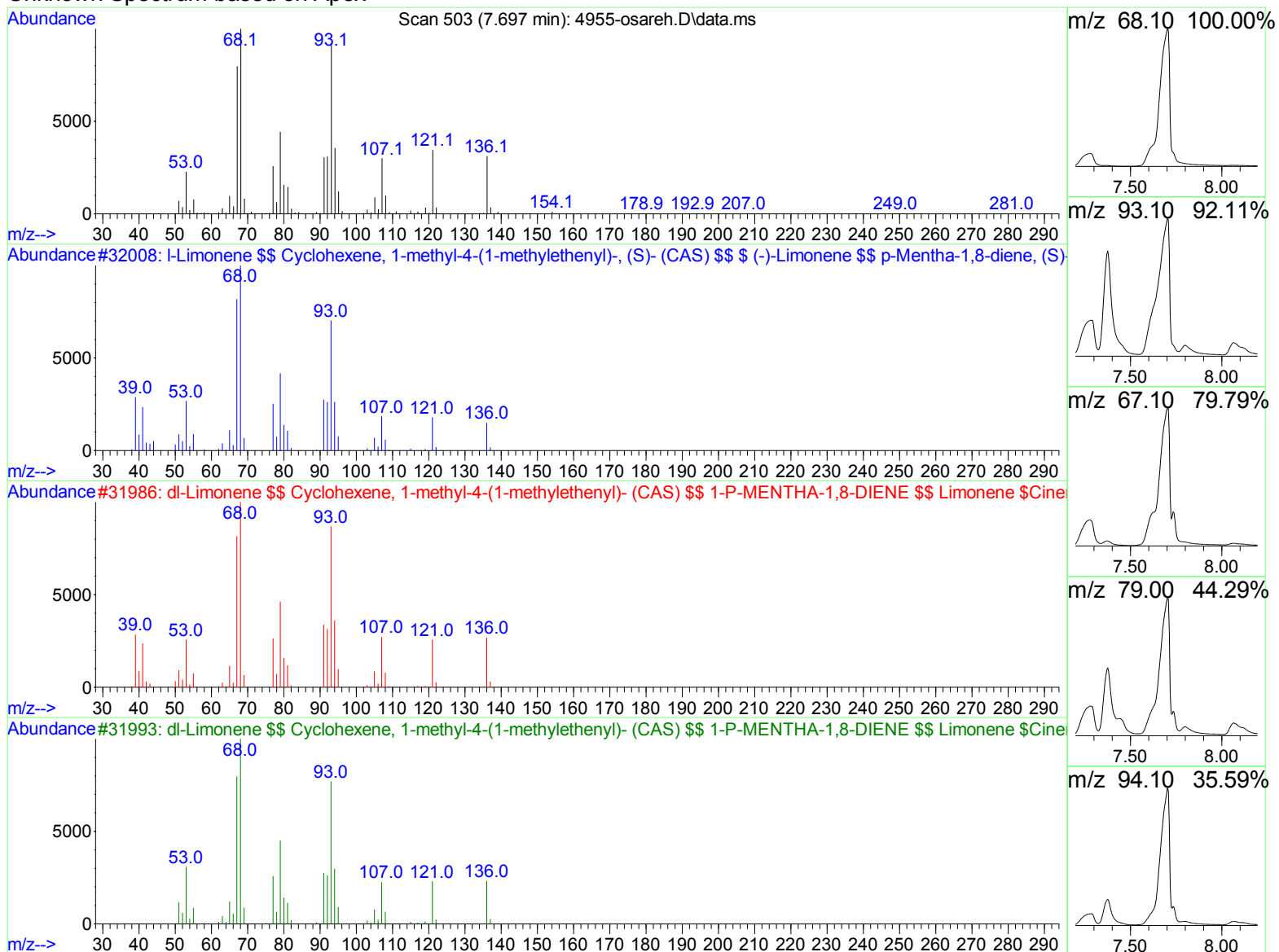
Peak Number: 13 at 7.629 min Area: 153027338 Area % 1.00

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	1,8-Cineole \$\$ 2-Oxabicyclo[2.2....	53139	000470-82-6	98
2	1,8-Cineole \$\$ 2-Oxabicyclo[2.2....	53144	000470-82-6	94
3	1,8-Cineole \$\$ 2-Oxabicyclo[2.2....	53138	000470-82-6	94

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

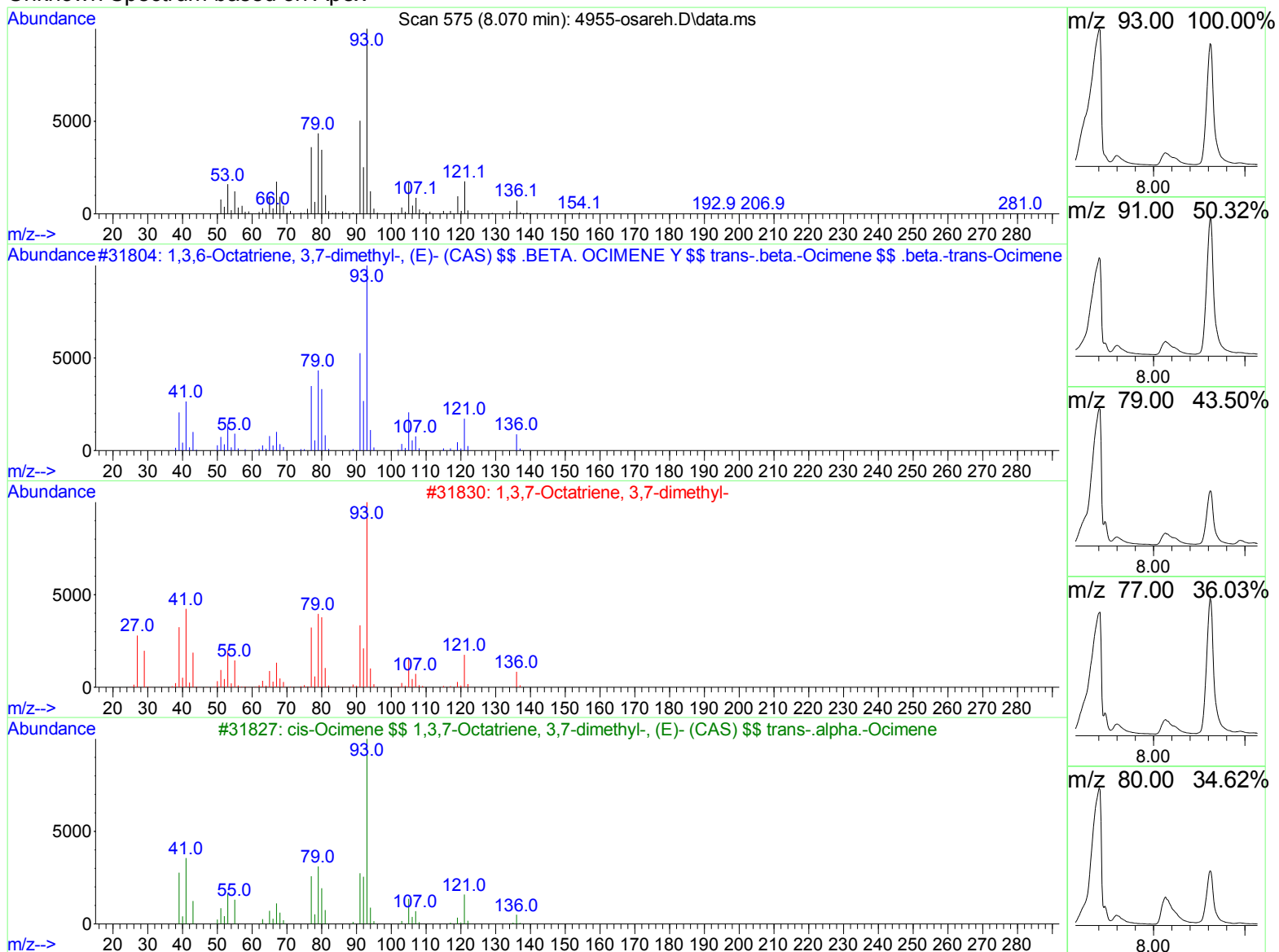
Peak Number: 14 at 7.697 min Area: 267380958 Area % 1.74

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	l-Limonene \$\$ Cyclohexene, 1-met...	32008	005989-54-8	98
2	dl-Limonene \$\$ Cyclohexene, 1-me...	31986	000138-86-3	98
3	dl-Limonene \$\$ Cyclohexene, 1-me...	31993	000138-86-3	97

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

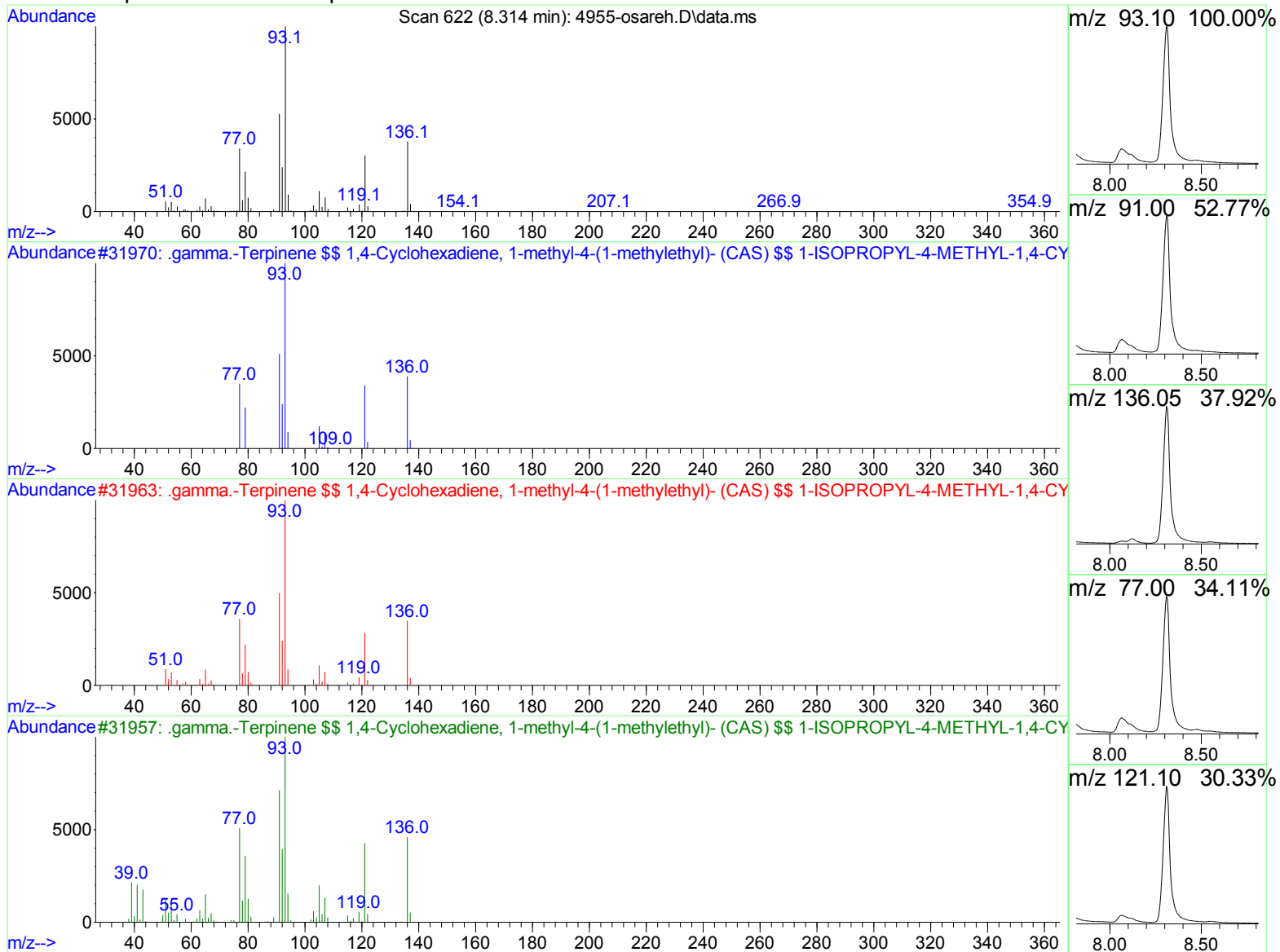
Peak Number: 15 at 8.070 min Area: 63098290 Area % 0.41

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	1,3,6-Octatriene, 3,7-dimethyl-,...	31804	003779-61-1	96
2	1,3,7-Octatriene, 3,7-dimethyl-	31830	000502-99-8	96
3	cis-Ocimene \$\$ 1,3,7-Octatriene,...	31827	006874-10-8	94

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

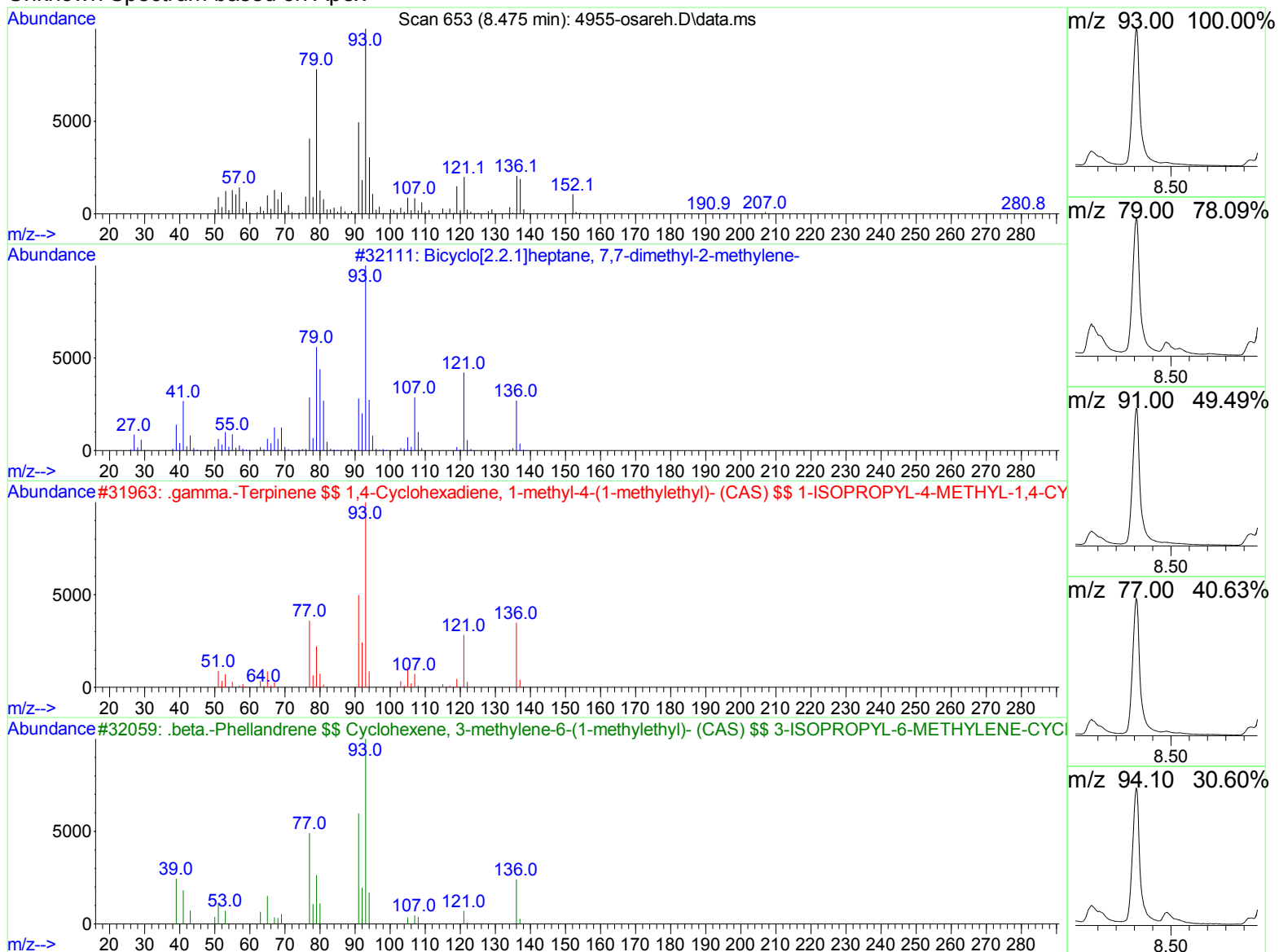
Peak Number: 16 at 8.314 min Area: 320454155 Area % 2.09

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 .gamma.-Terpinene \$\$ 1,4-Cyclohe...	31970	000099-85-4	97
2 .gamma.-Terpinene \$\$ 1,4-Cyclohe...	31963	000099-85-4	96
3 .gamma.-Terpinene \$\$ 1,4-Cyclohe...	31957	000099-85-4	96

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

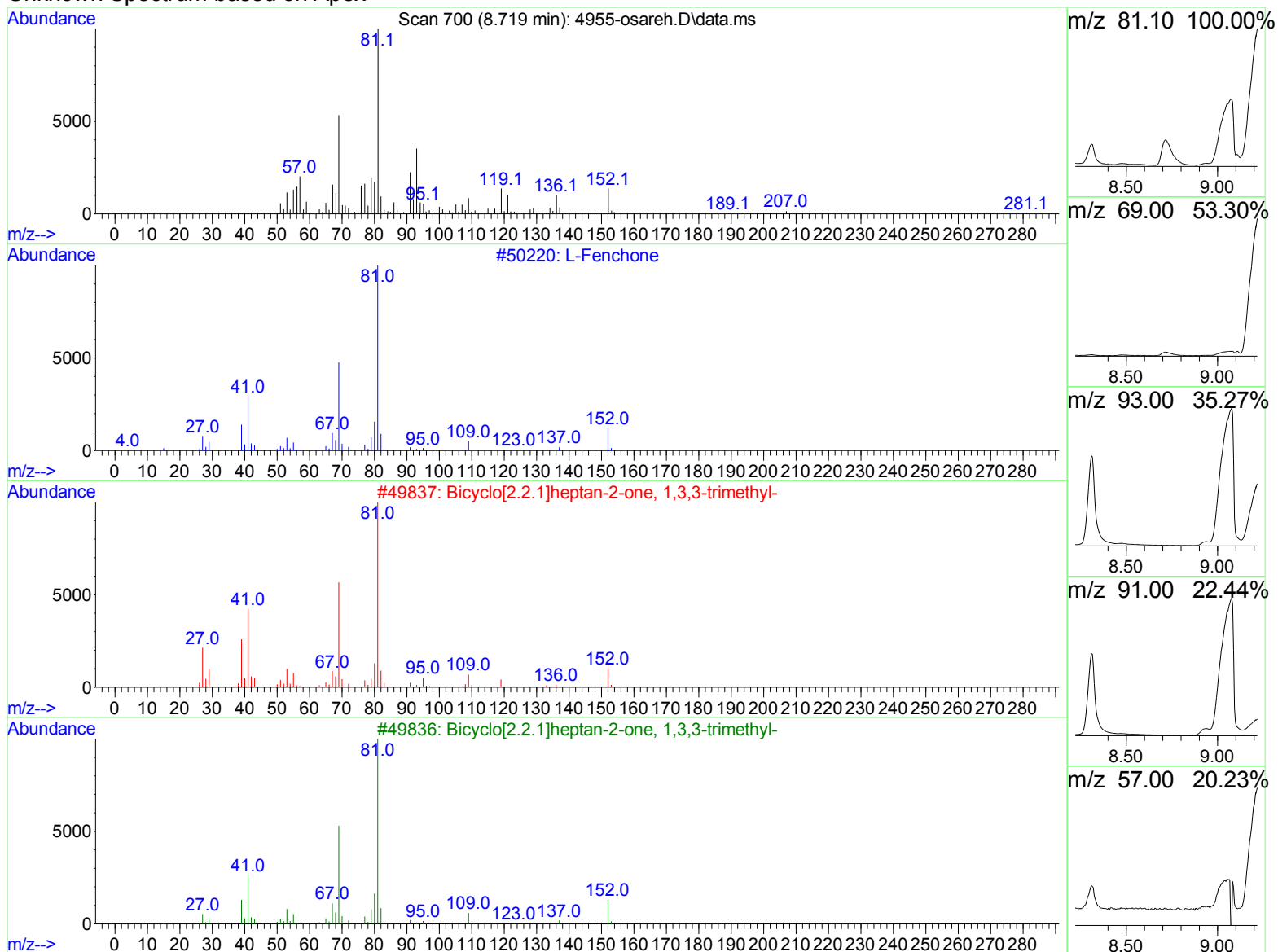
Peak Number: 17 at 8.475 min Area: 3254477 Area % 0.02

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

- | | | | |
|---|-------|-------------|----|
| 1 Bicyclo[2.2.1]heptane, 7,7-dimet... | 32111 | 000471-84-1 | 58 |
| 2 .gamma.-Terpinene \$\$ 1,4-Cyclohe... | 31963 | 000099-85-4 | 55 |
| 3 .beta.-Phellandrene \$\$ Cyclohexe... | 32059 | 000555-10-2 | 53 |

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

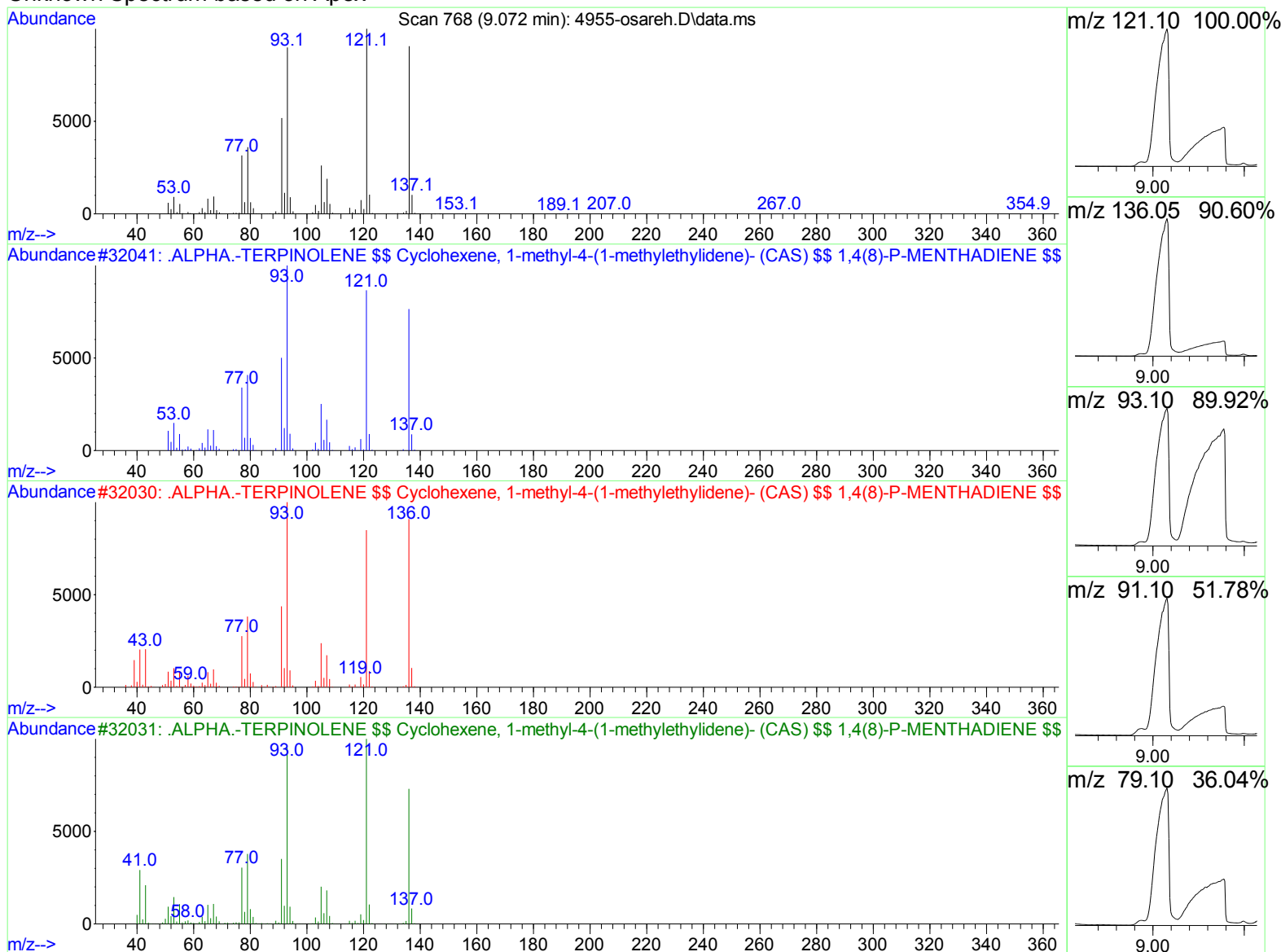
Peak Number: 18 at 8.719 min Area: 2929391 Area % 0.02

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 L-Fenchone	50220	000126-21-6	60
2 Bicyclo[2.2.1]heptan-2-one, 1,3,...	49837	001195-79-5	60
3 Bicyclo[2.2.1]heptan-2-one, 1,3,...	49836	001195-79-5	60

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

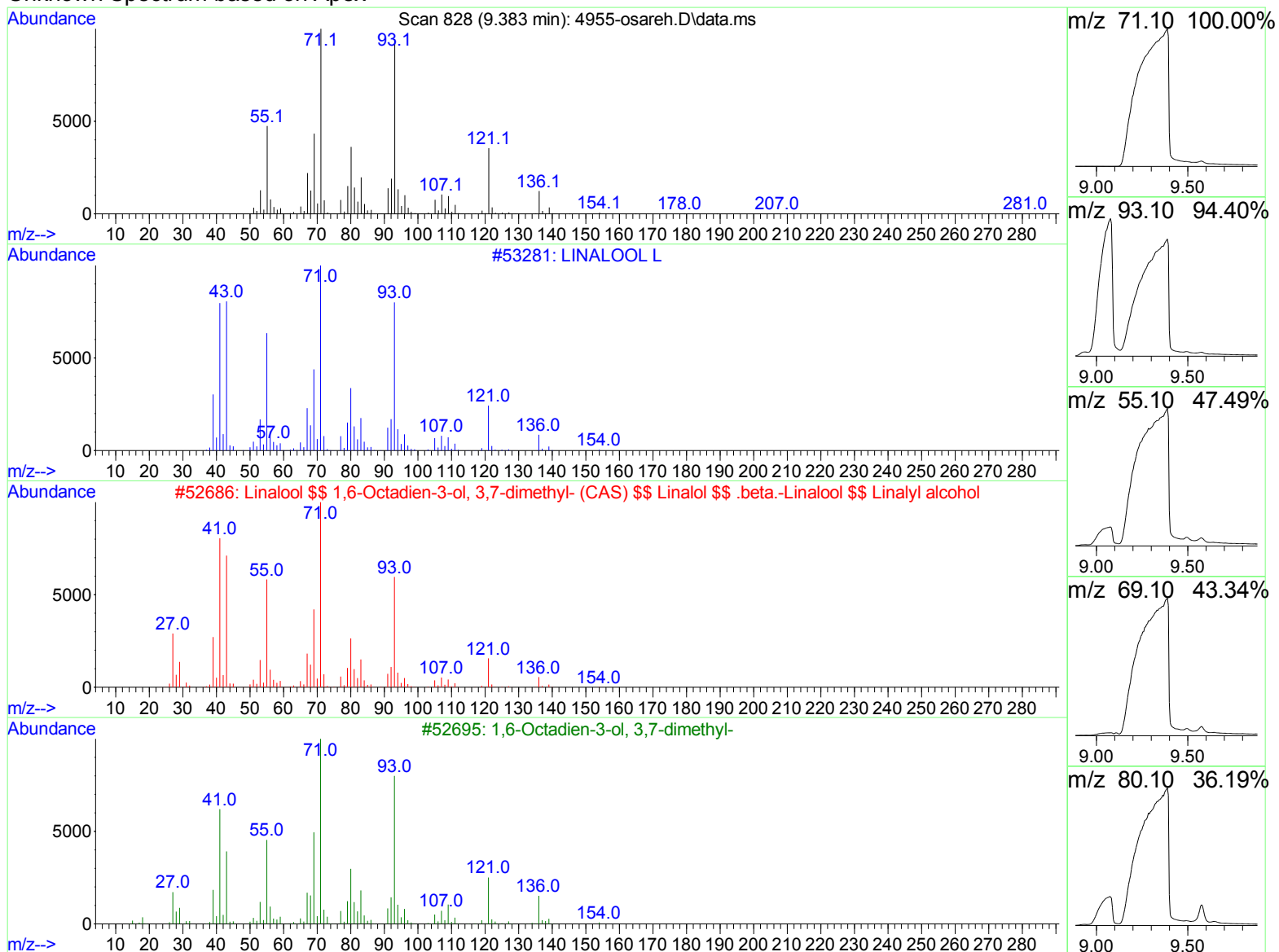
Peak Number: 19 at 9.072 min Area: 1320659110 Area % 8.61

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 .ALPHA.-TERPINOLENE \$\$ Cyclohexe...	32041	000586-62-9	98
2 .ALPHA.-TERPINOLENE \$\$ Cyclohexe...	32030	000586-62-9	98
3 .ALPHA.-TERPINOLENE \$\$ Cyclohexe...	32031	000586-62-9	98

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

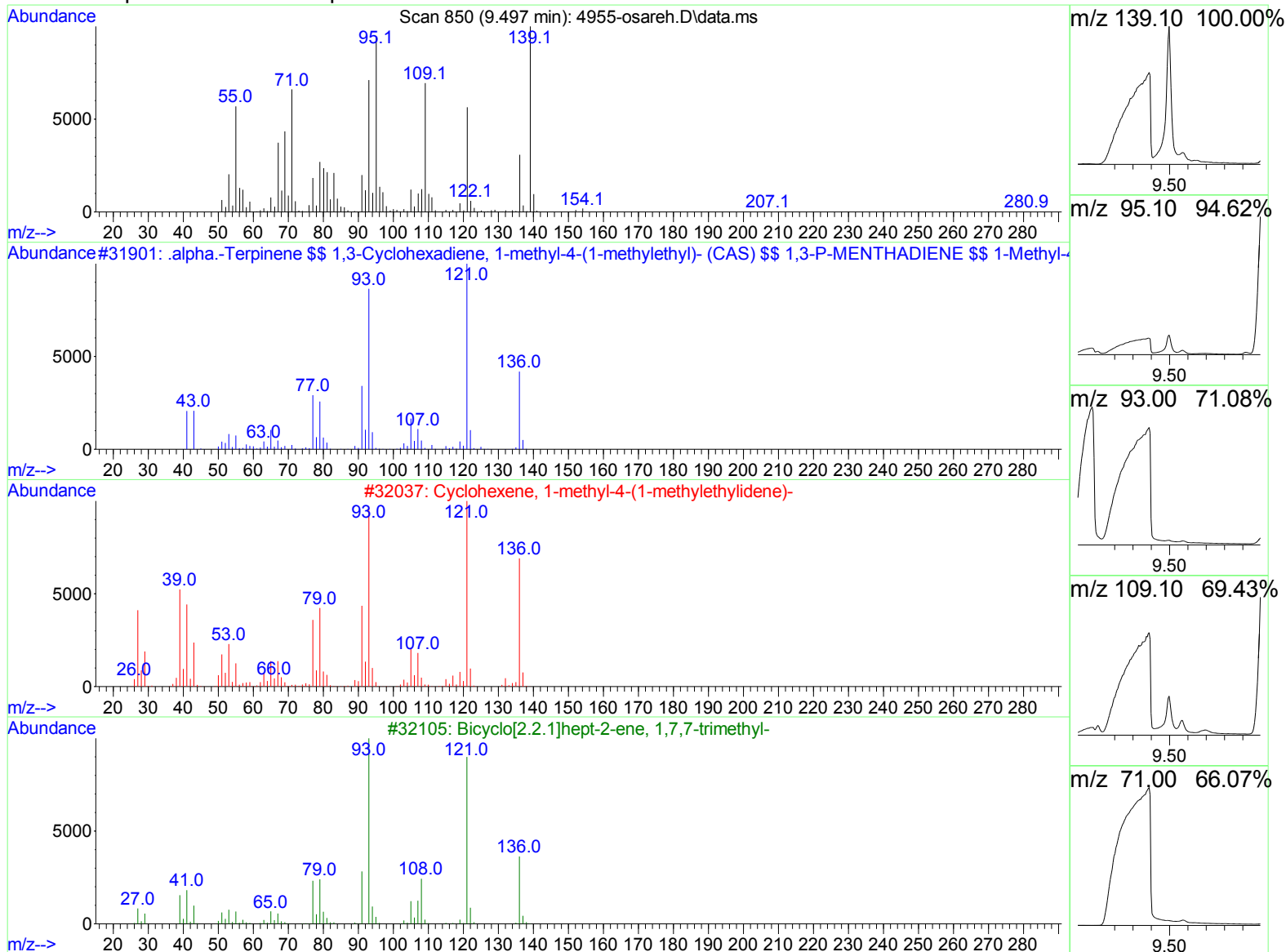
Peak Number: 20 at 9.383 min Area: 2535851682 Area % 16.52

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 LINALOOL L	53281	000078-70-6	96
2 Linalool \$\$ 1,6-Octadien-3-ol, 3...	52686	000078-70-6	95
3 1,6-Octadien-3-ol, 3,7-dimethyl-	52695	000078-70-6	94

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

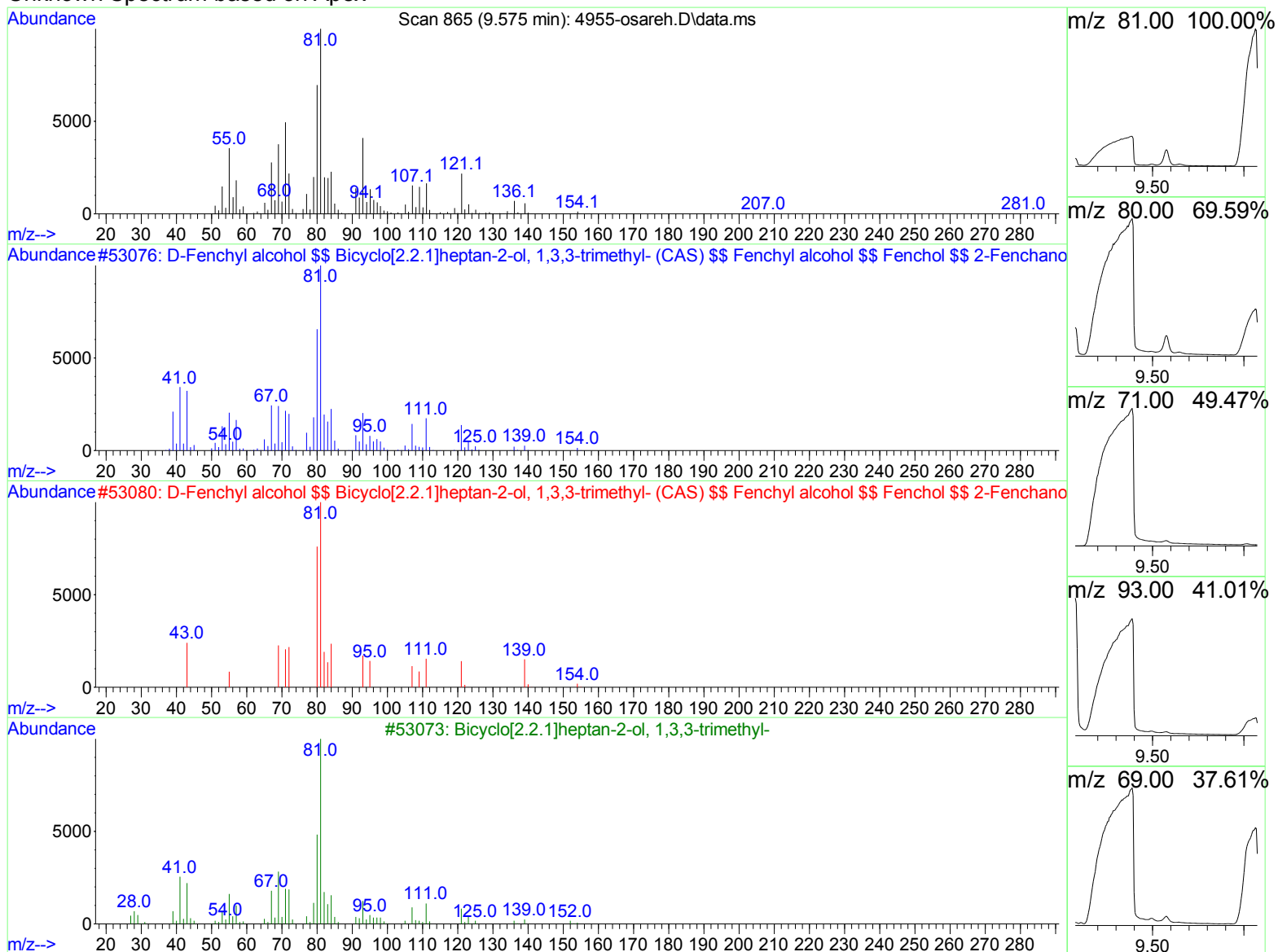
Peak Number: 21 at 9.497 min Area: 15489563 Area % 0.10

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 .alpha.-Terpinene \$\$ 1,3-Cyclohe...	31901	000099-86-5	59
2 Cyclohexene, 1-methyl-4-(1-methy...	32037	000586-62-9	55
3 Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	32105	000464-17-5	53

Unknown Spectrum based on Apex



Data File: G:\VOC\1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

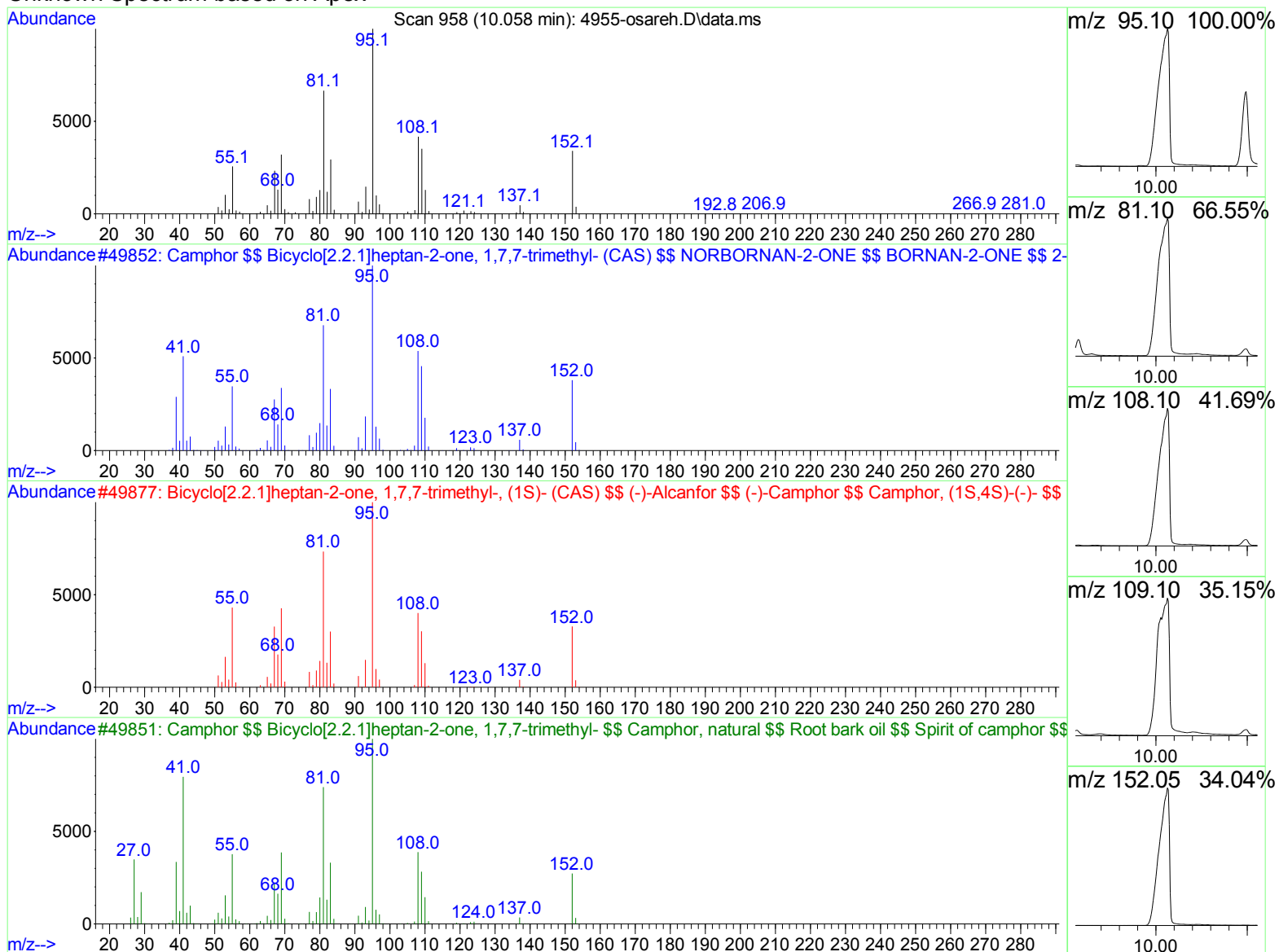
Peak Number: 22 at 9.575 min Area: 27489745 Area % 0.18

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 D-Fenchyl alcohol \$\$ Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimethyl-	53076	001632-73-1	95
2 D-Fenchyl alcohol \$\$ Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimethyl-	53080	001632-73-1	76
3 Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimethyl-	53073	001632-73-1	70

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 23 at 10.058 min Area: 899002928 Area % 5.86

The 3 best hits from each library. Ref# CAS# Qual

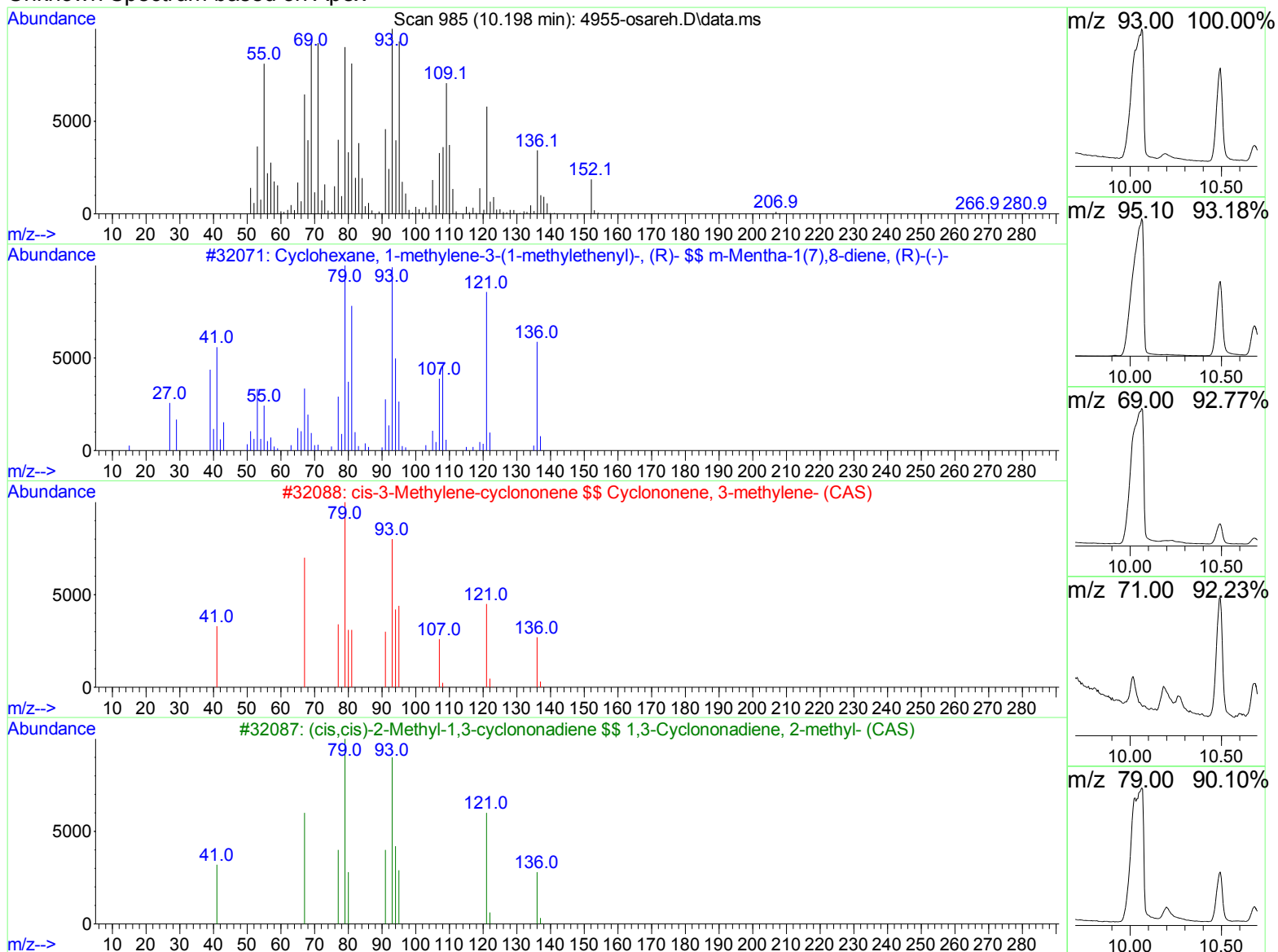
E:\Database\wiley7n.l

1 Camphor \$\$ Bicyclo[2.2.1]heptan-... 49852 000076-22-2 98

2 Bicyclo[2.2.1]heptan-2-one, 1,7,... 49877 000464-48-2 98

3 Camphor \$\$ Bicyclo[2.2.1]heptan-... 49851 000076-22-2 98

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 24 at 10.198 min Area: 8822129 Area % 0.06

The 3 best hits from each library. Ref# CAS# Qual

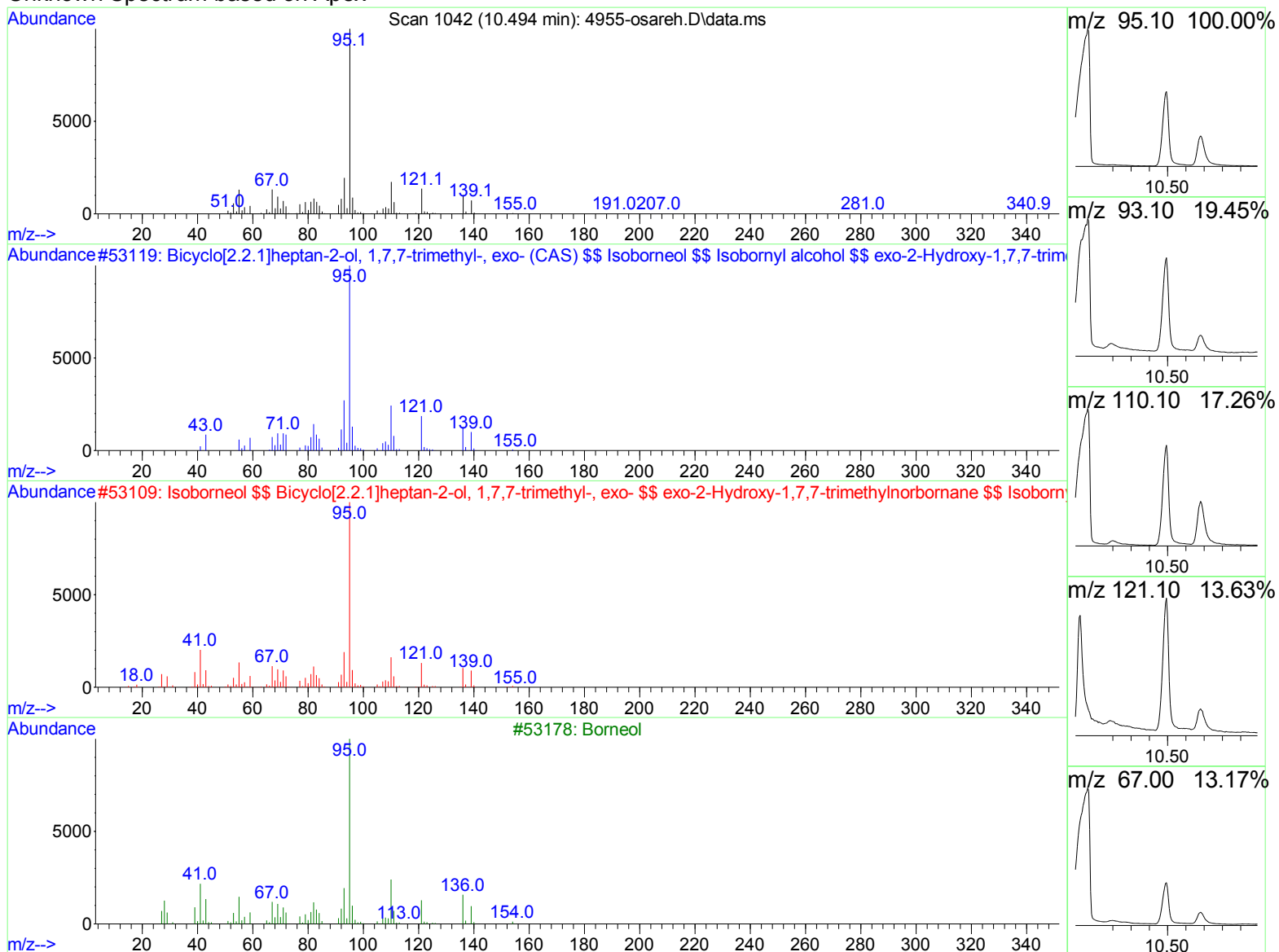
E:\Database\wiley7n.l

1 Cyclohexane, 1-methylene-3-(1-me... 32071 013837-95-1 87

2 cis-3-Methylene-cyclononene \$\$ C... 32088 066135-92-0 86

3 (cis,cis)-2-Methyl-1,3-cyclonona... 32087 066135-93-1 83

Unknown Spectrum based on Apex



Data File: G:\VOC\1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

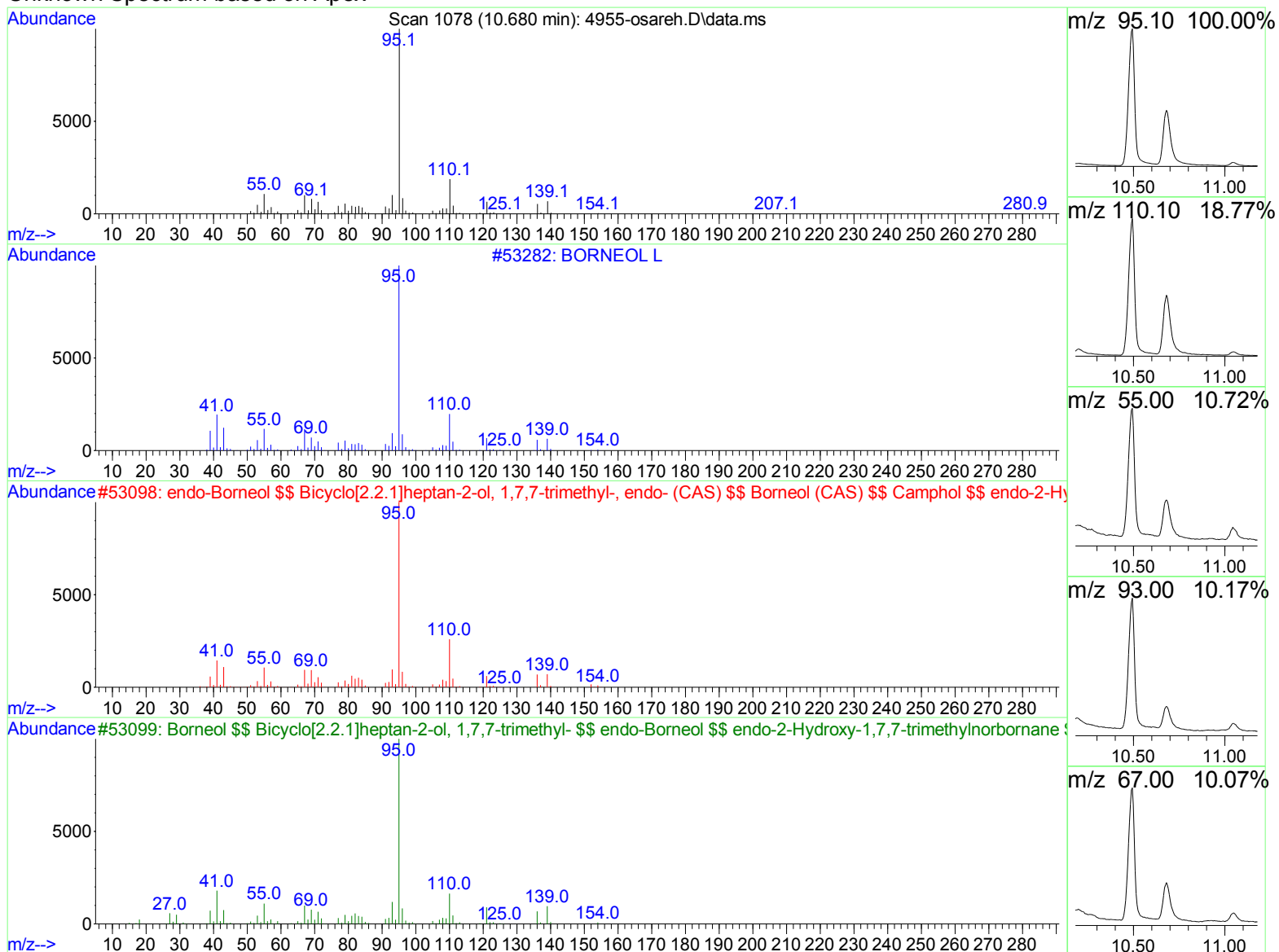
Peak Number: 25 at 10.494 min Area: 163913175 Area % 1.07

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	Bicyclo[2.2.1]heptan-2-ol, 1,7,7-trimethyl-, exo-	53119	000124-76-5	95
2	Isoborneol	53109	000124-76-5	95
3	Borneol	53178	010385-78-1	94

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

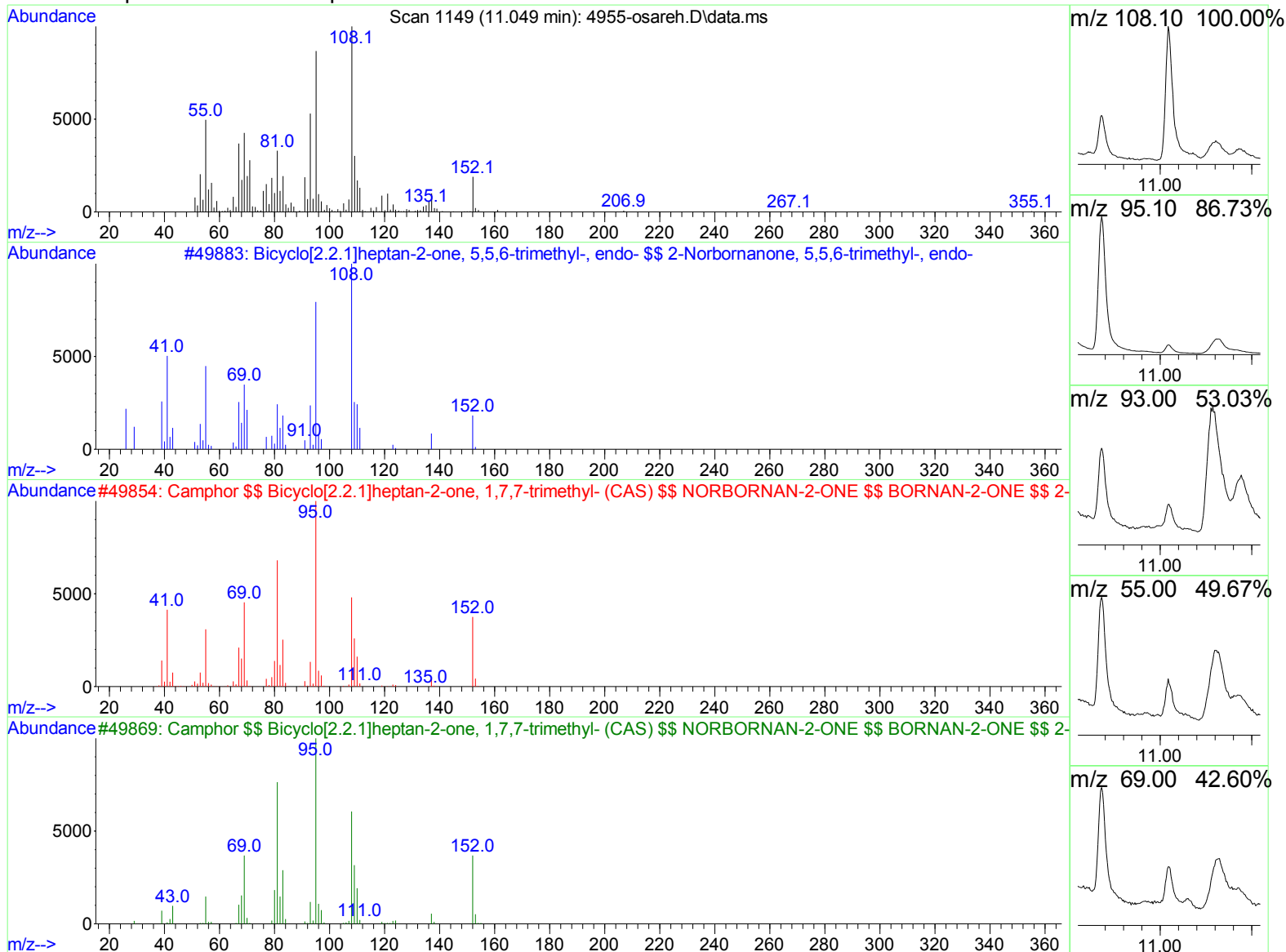
Peak Number: 26 at 10.680 min Area: 60496691 Area % 0.39

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 BORNEOL L	53282	000464-45-9	97
2 endo-Borneol \$\$ Bicyclo[2.2.1]he...	53098	000507-70-0	94
3 Borneol \$\$ Bicyclo[2.2.1]heptan-...	53099	000507-70-0	91

Unknown Spectrum based on Apex



Data File: G:\0ÇÑÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

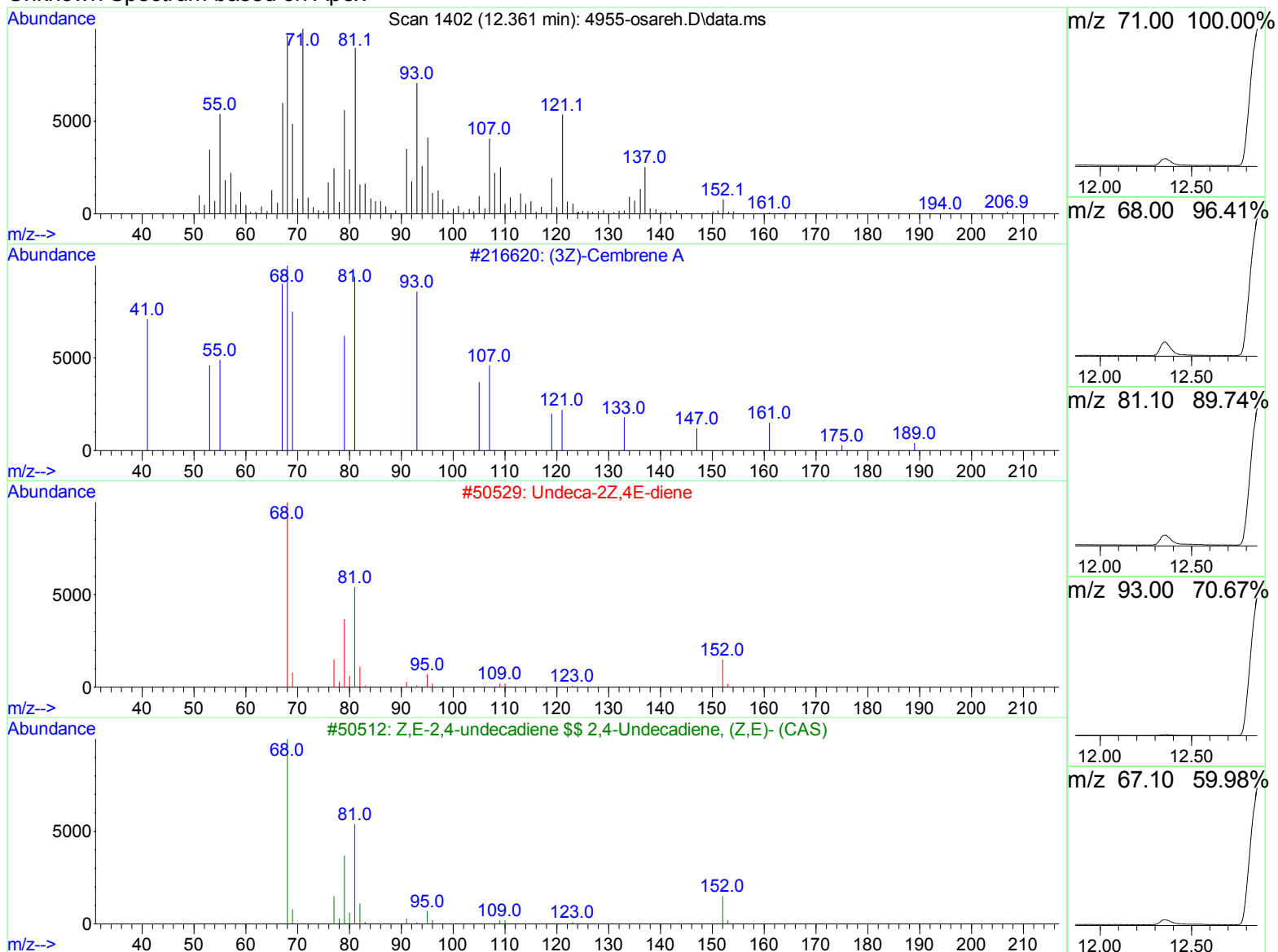
Peak Number: 27 at 11.049 min Area: 8699717 Area % 0.06

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Bicyclo[2.2.1]heptan-2-one, 5,5,...	49883 003767-44-0	91
2 Camphor \$\$ Bicyclo[2.2.1]heptan-...	49854 000076-22-2	64
3 Camphor \$\$ Bicyclo[2.2.1]heptan-...	49869 000076-22-2	64

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 29 at 12.361 min Area: 21897132 Area % 0.14

The 3 best hits from each library. Ref# CAS# Qual

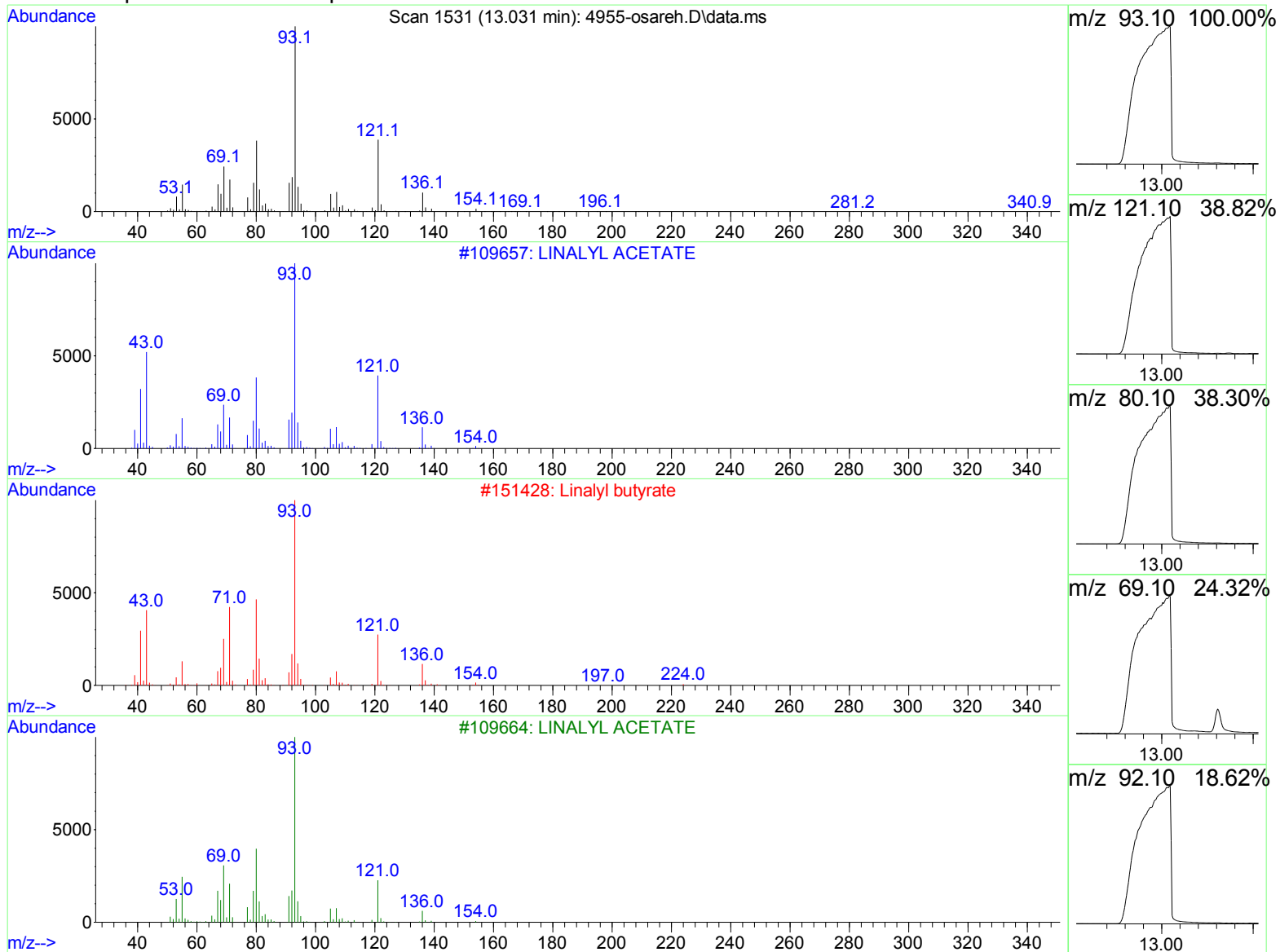
E:\Database\wiley7n.l

1 (3Z)-Cembrene A 216620 071213-92-8 43

2 Undeca-2Z,4E-diene 50529 000000-00-0 38

3 Z,E-2,4-undecadiene \$\$ 2,4-Undec... 50512 066717-37-1 38

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 30 at 13.031 min Area: 3696992825 Area % 24.09

The 3 best hits from each library. Ref# CAS# Qual

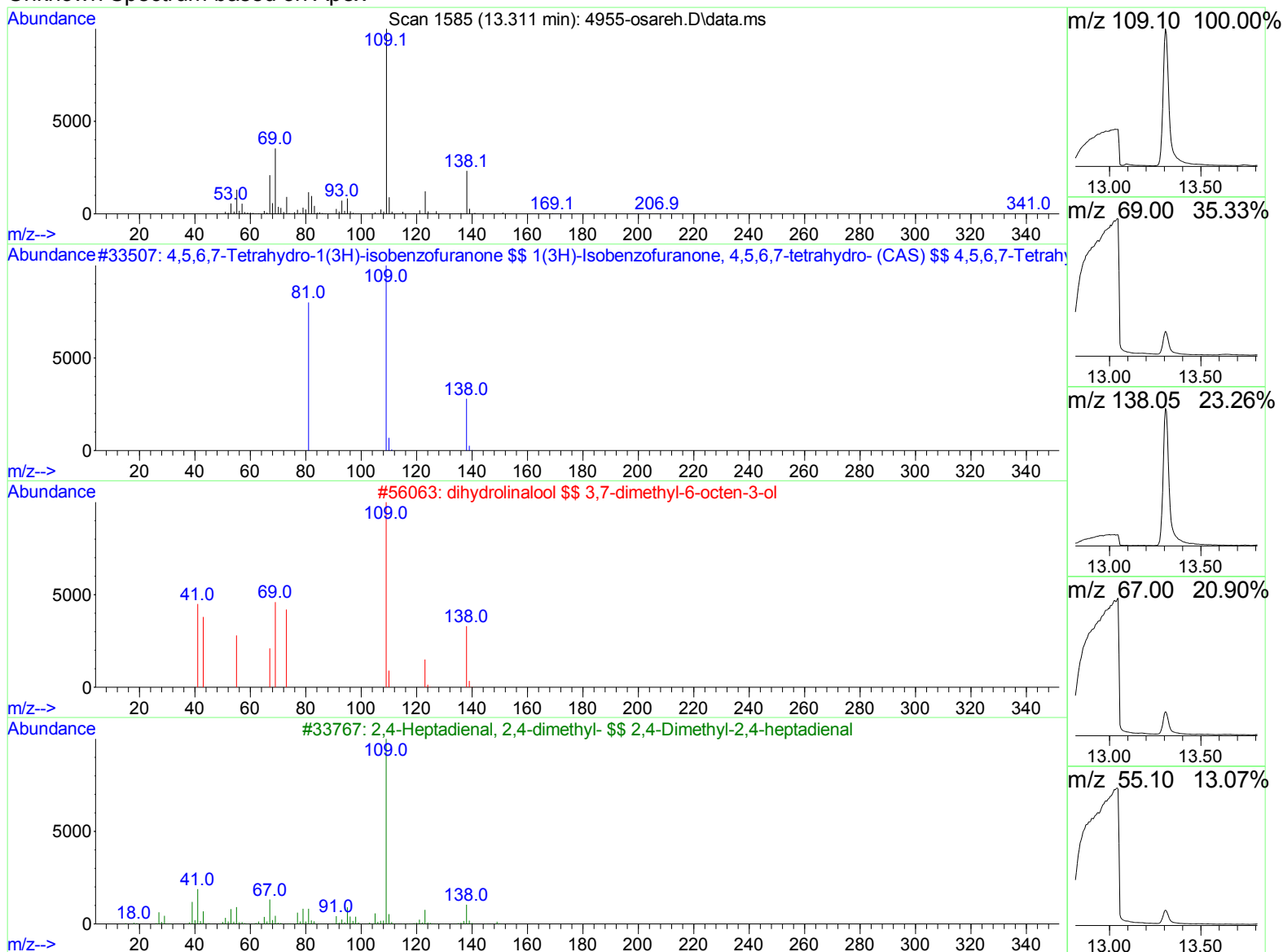
E:\Database\wiley7n.l

1 LINALYL ACETATE 109657 000115-95-7 91

2 Linalyl butyrate 151428 000078-36-4 90

3 LINALYL ACETATE 109664 000115-95-7 87

Unknown Spectrum based on Apex



Data File: G:\VOC\1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 31 at 13.311 min Area: 61127925 Area % 0.40

The 3 best hits from each library. Ref# CAS# Qual

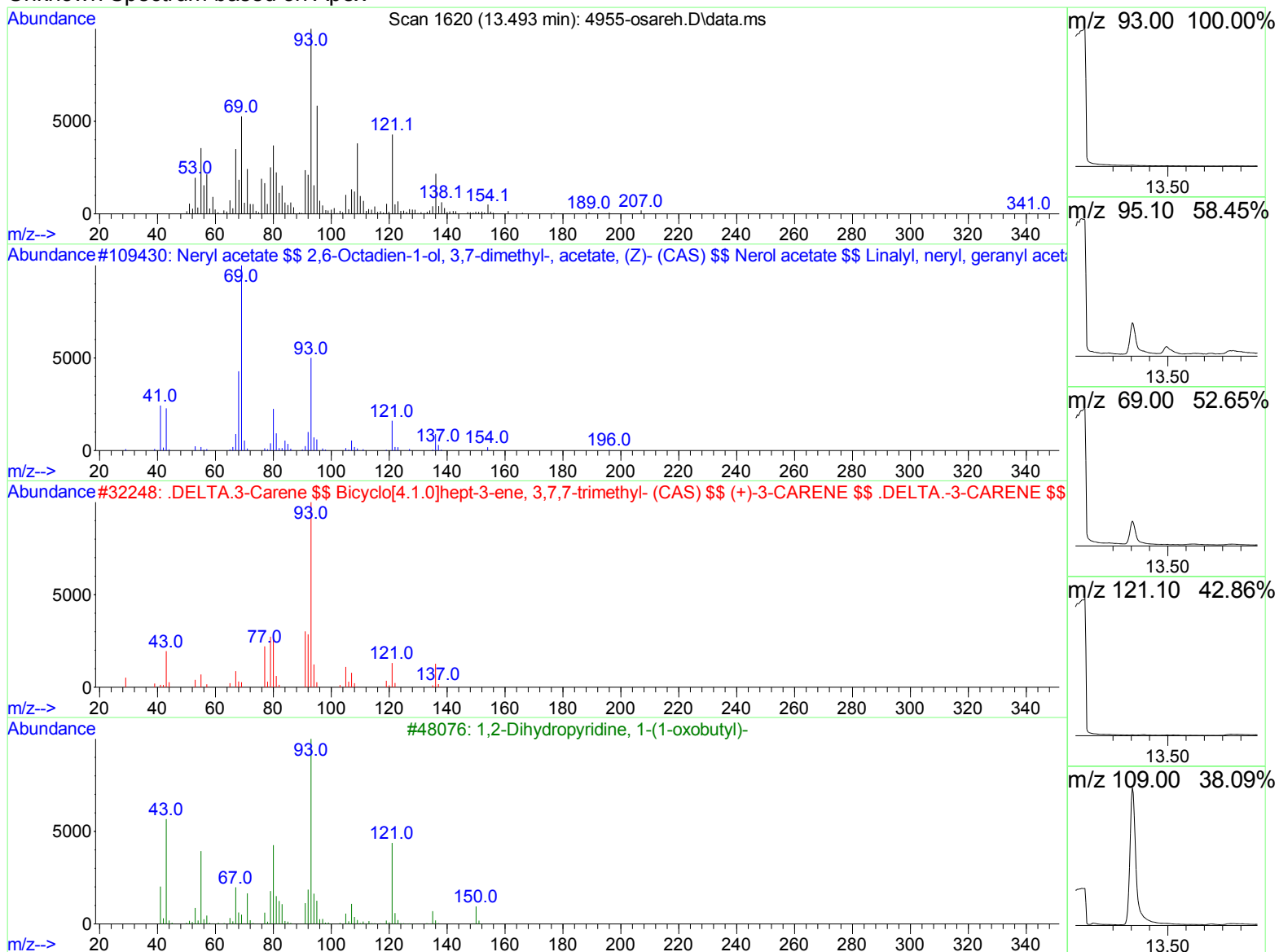
E:\Database\wiley7n.l

1 4,5,6,7-Tetrahydro-1(3H)-isobenz... 33507 066309-76-0 64

2 dihydrolinalool 56063 000000-00-0 64

3 2,4-Heptadienal, 2,4-dimethyl- 33767 042452-48-2 50

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

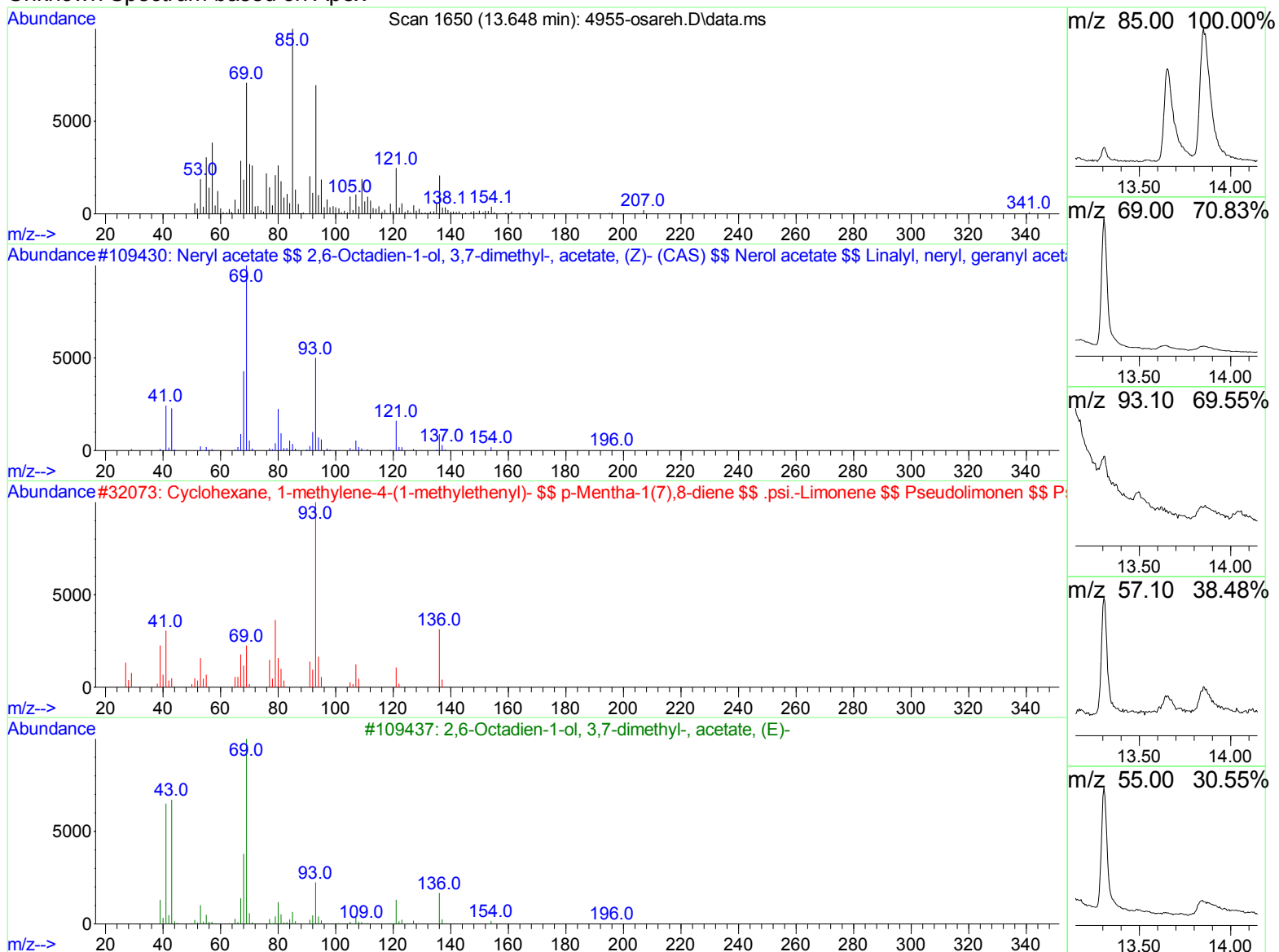
Peak Number: 32 at 13.493 min Area: 2193185 Area % 0.01

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Neryl acetate \$\$ 2,6-Octadien-1-...	109430	000141-12-8	60
2 .DELTA.3-Carene \$\$ Bicyclo[4.1.0]...	32248	013466-78-9	55
3 1,2-Dihydropyridine, 1-(1-oxobut...	48076	000000-00-0	55

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

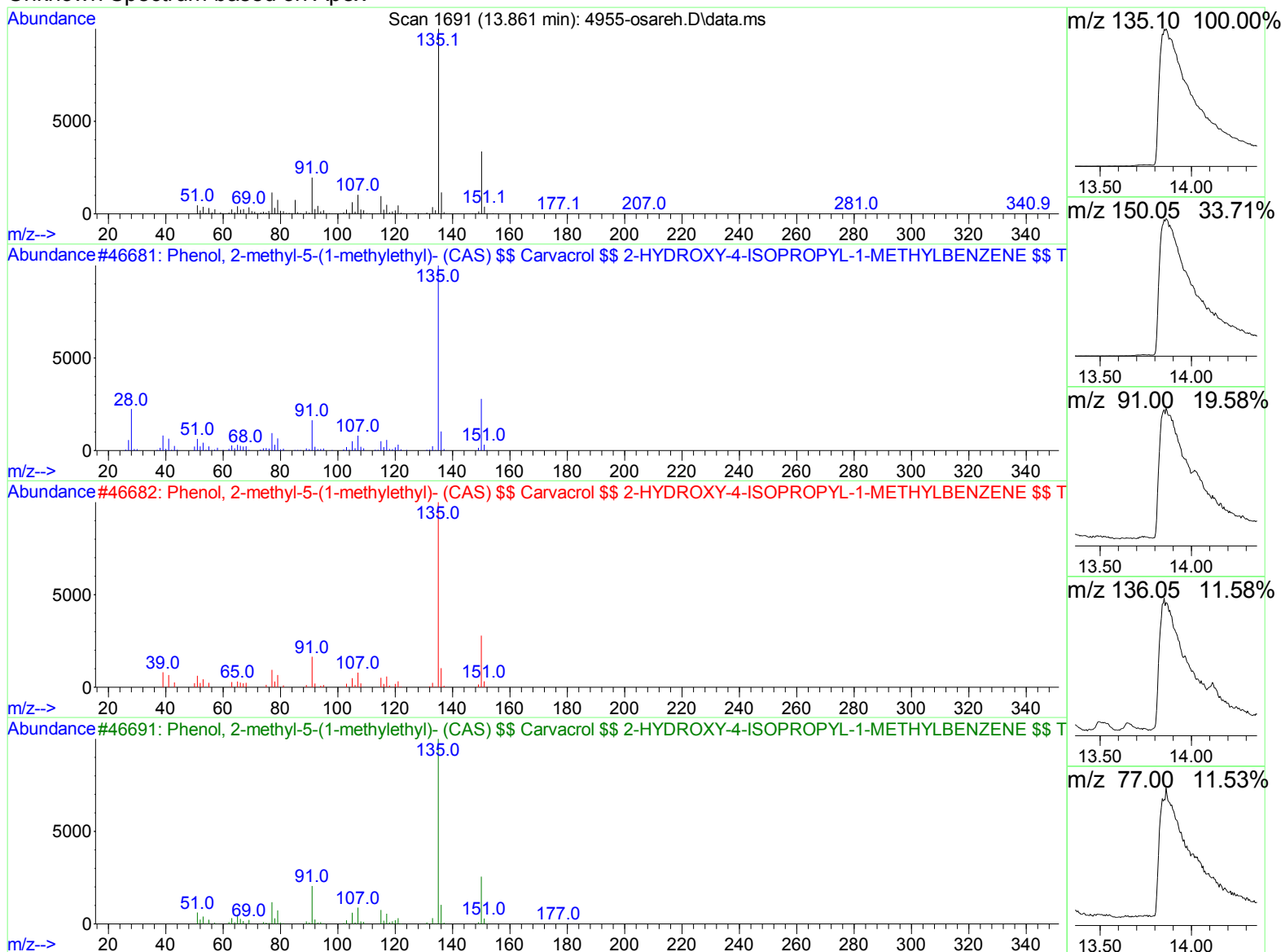
Peak Number: 33 at 13.648 min Area: 2342096 Area % 0.02

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

- | | | | | |
|---|--|--------|-------------|----|
| 1 | Neryl acetate \$\$ 2,6-Octadien-1-ol, 3,7-dimethyl-, acetate, (Z)- | 109430 | 000141-12-8 | 42 |
| 2 | Cyclohexane, 1-methylene-4-(1-methylethenyl)- | 32073 | 000499-97-8 | 42 |
| 3 | 2,6-Octadien-1-ol, 3,7-dimethyl-, acetate, (E)- | 109437 | 000105-87-3 | 42 |

Unknown Spectrum based on Apex



Data File: G:\0ÇÑÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

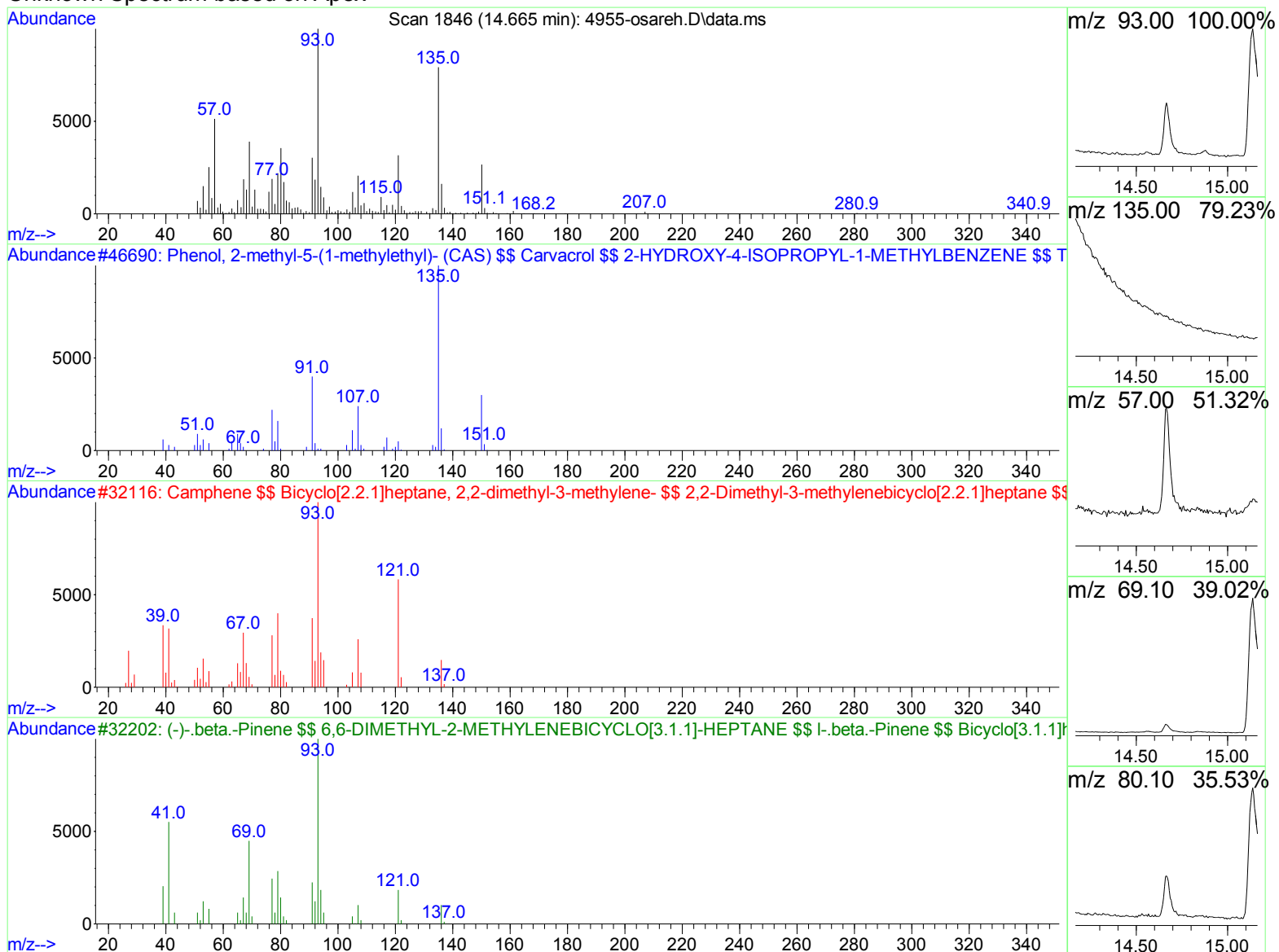
Peak Number: 34 at 13.861 min Area: 236808892 Area % 1.54

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Phenol, 2-methyl-5-(1-methylethy...	46681	000499-75-2	95
2 Phenol, 2-methyl-5-(1-methylethy...	46682	000499-75-2	95
3 Phenol, 2-methyl-5-(1-methylethy...	46691	000499-75-2	95

Unknown Spectrum based on Apex



Data File: G:\0ÇÑÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

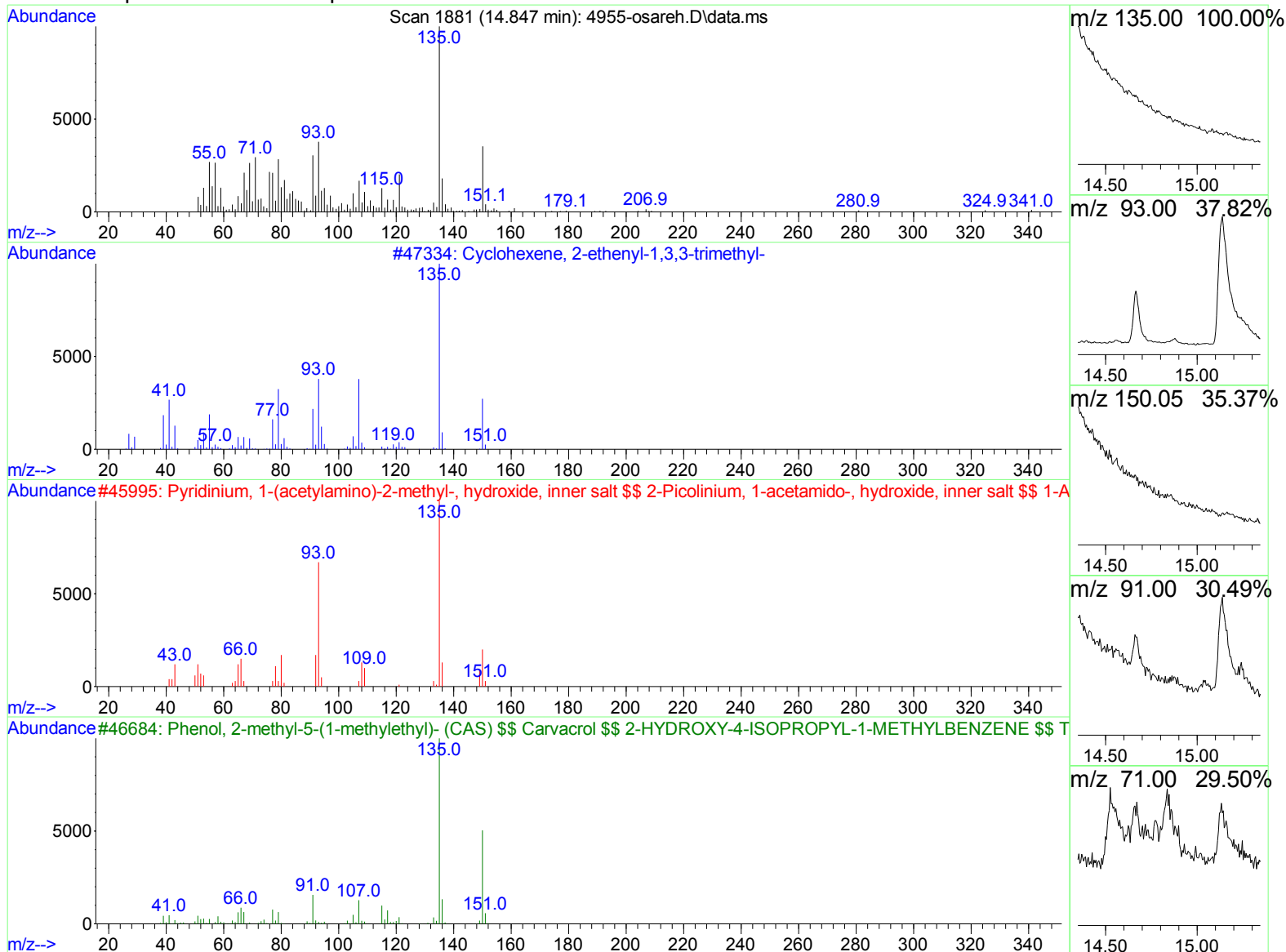
Peak Number: 35 at 14.665 min Area: 5650427 Area % 0.04

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Phenol, 2-methyl-5-(1-methylethy...	46690	000499-75-2	86
2 Camphene \$\$ Bicyclo[2.2.1]heptan...	32116	000079-92-5	80
3 (-)-.beta.-Pinene \$\$ 6,6-DIMETHY...	32202	018172-67-3	50

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

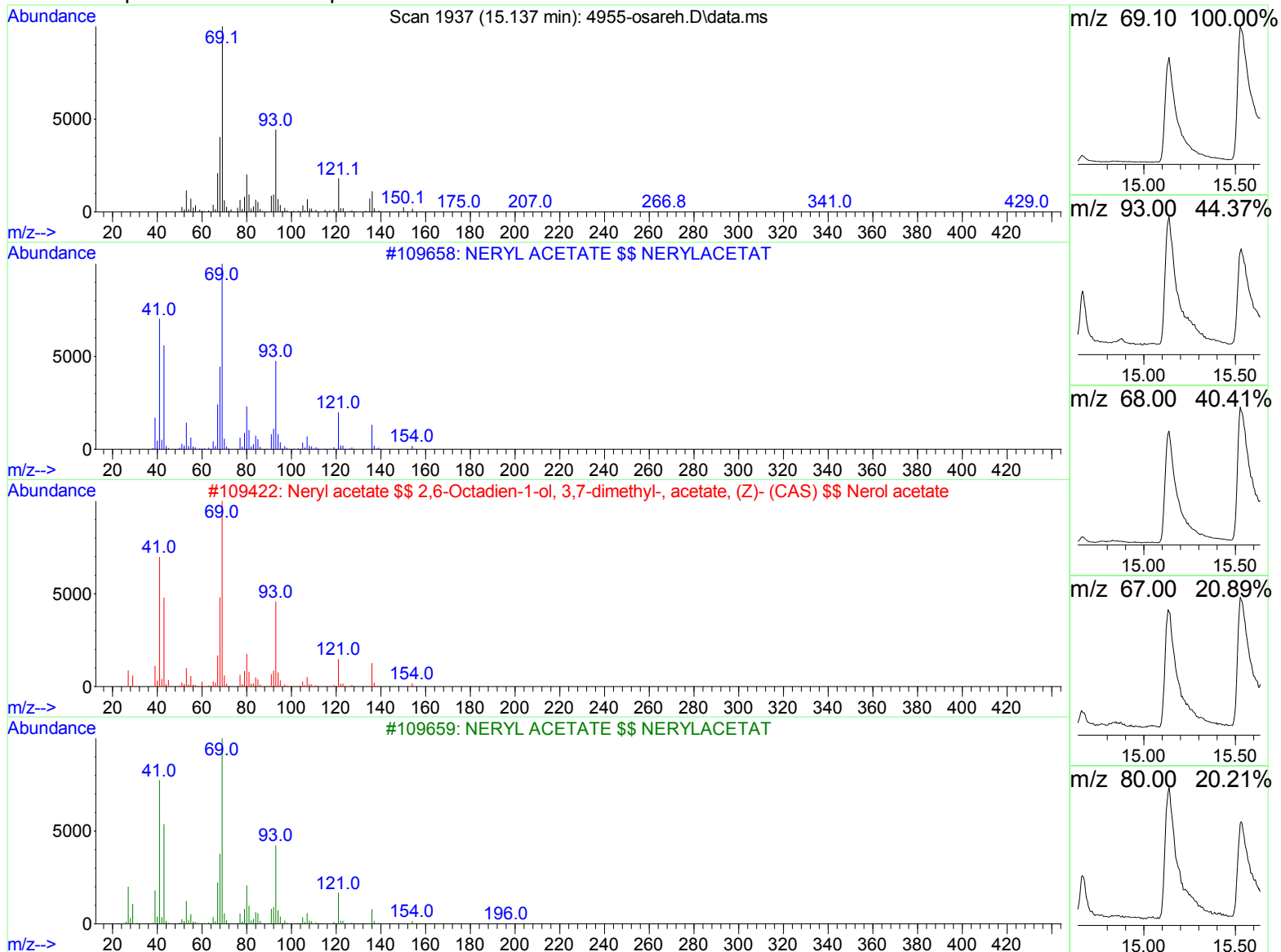
Peak Number: 36 at 14.847 min Area: 2104968 Area % 0.01

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Cyclohexene, 2-ethenyl-1,3,3-tri...	47334	005293-90-3	64
2 Pyridinium, 1-(acetylamino)-2-me...	45995	007584-27-2	62
3 Phenol, 2-methyl-5-(1-methylethy...	46684	000499-75-2	60

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

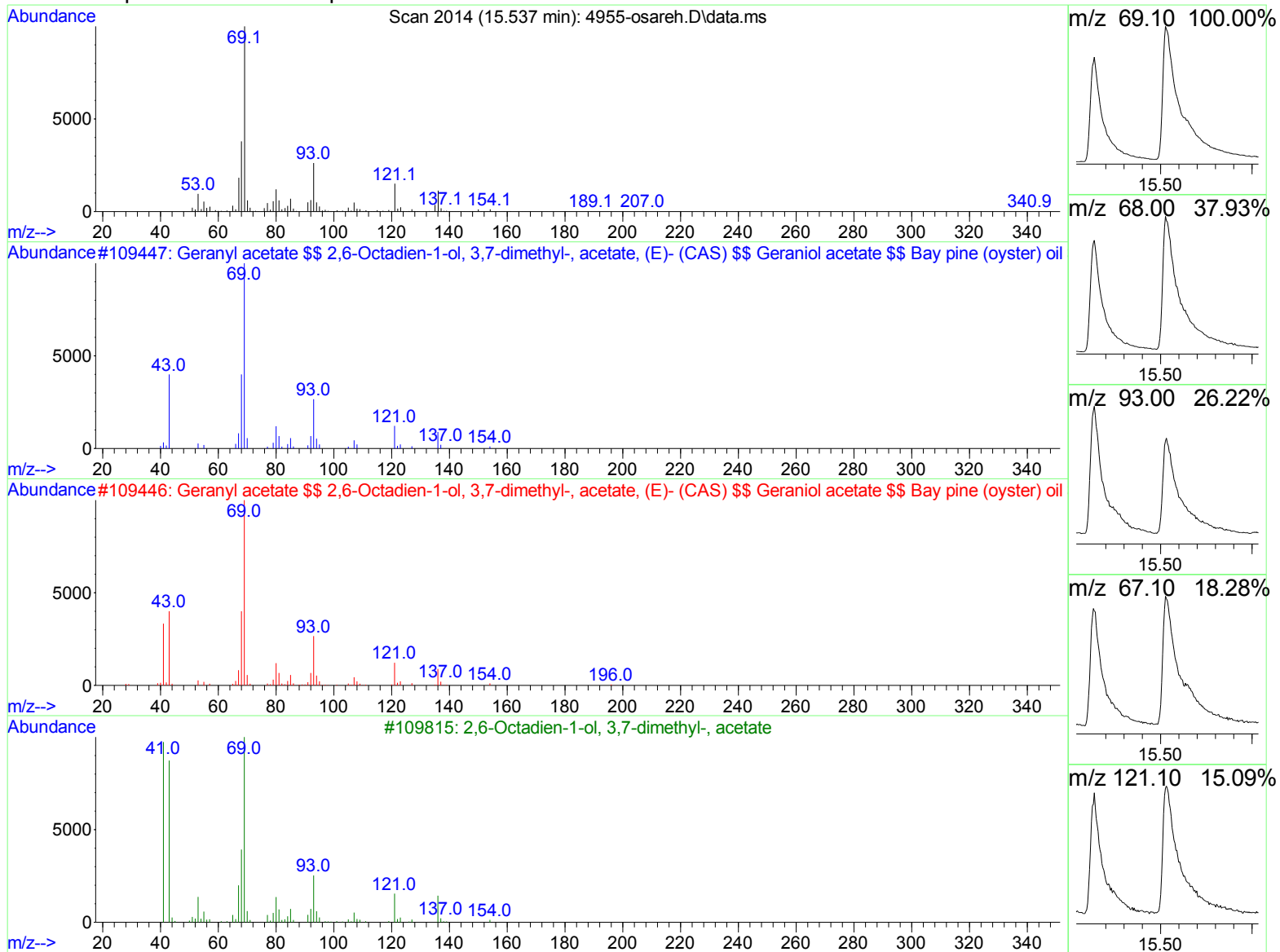
Peak Number: 37 at 15.137 min Area: 54682545 Area % 0.36

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	NERYL ACETATE \$\$ NERYLACETAT	109658	000141-12-8	91
2	Neryl acetate \$\$ 2,6-Octadien-1-...	109422	000141-12-8	91
3	NERYL ACETATE \$\$ NERYLACETAT	109659	000141-12-8	91

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

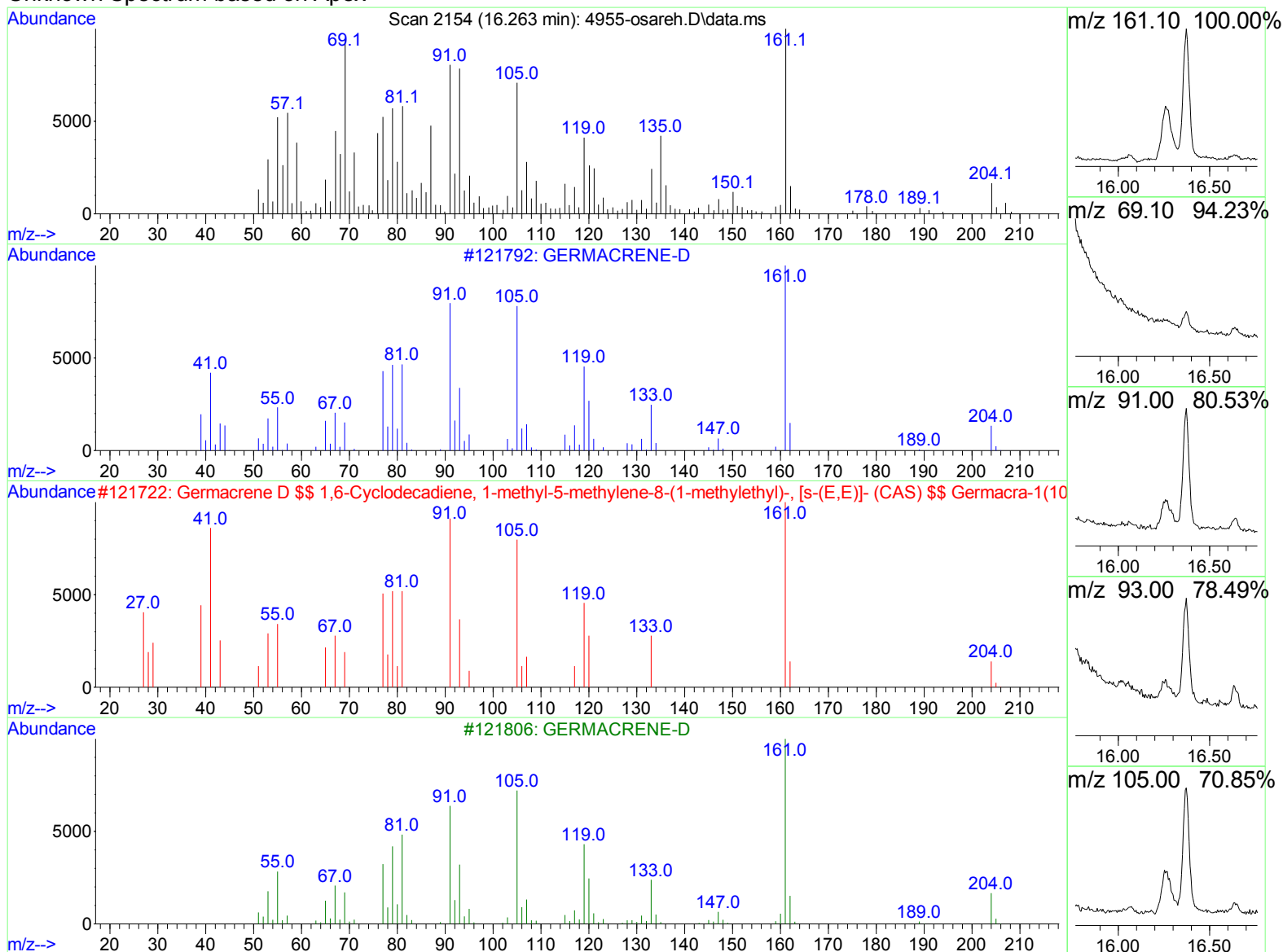
Peak Number: 38 at 15.537 min Area: 36188201 Area % 0.24

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Geranyl acetate \$\$ 2,6-Octadien-...	109447	000105-87-3	91
2 Geranyl acetate \$\$ 2,6-Octadien-...	109446	000105-87-3	91
3 2,6-Octadien-1-ol, 3,7-dimethyl-...	109815	016409-44-2	91

Unknown Spectrum based on Apex



Data File: G:\VOC\N1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 39 at 16.263 min Area: 2278671 Area % 0.01

The 3 best hits from each library. Ref# CAS# Qual

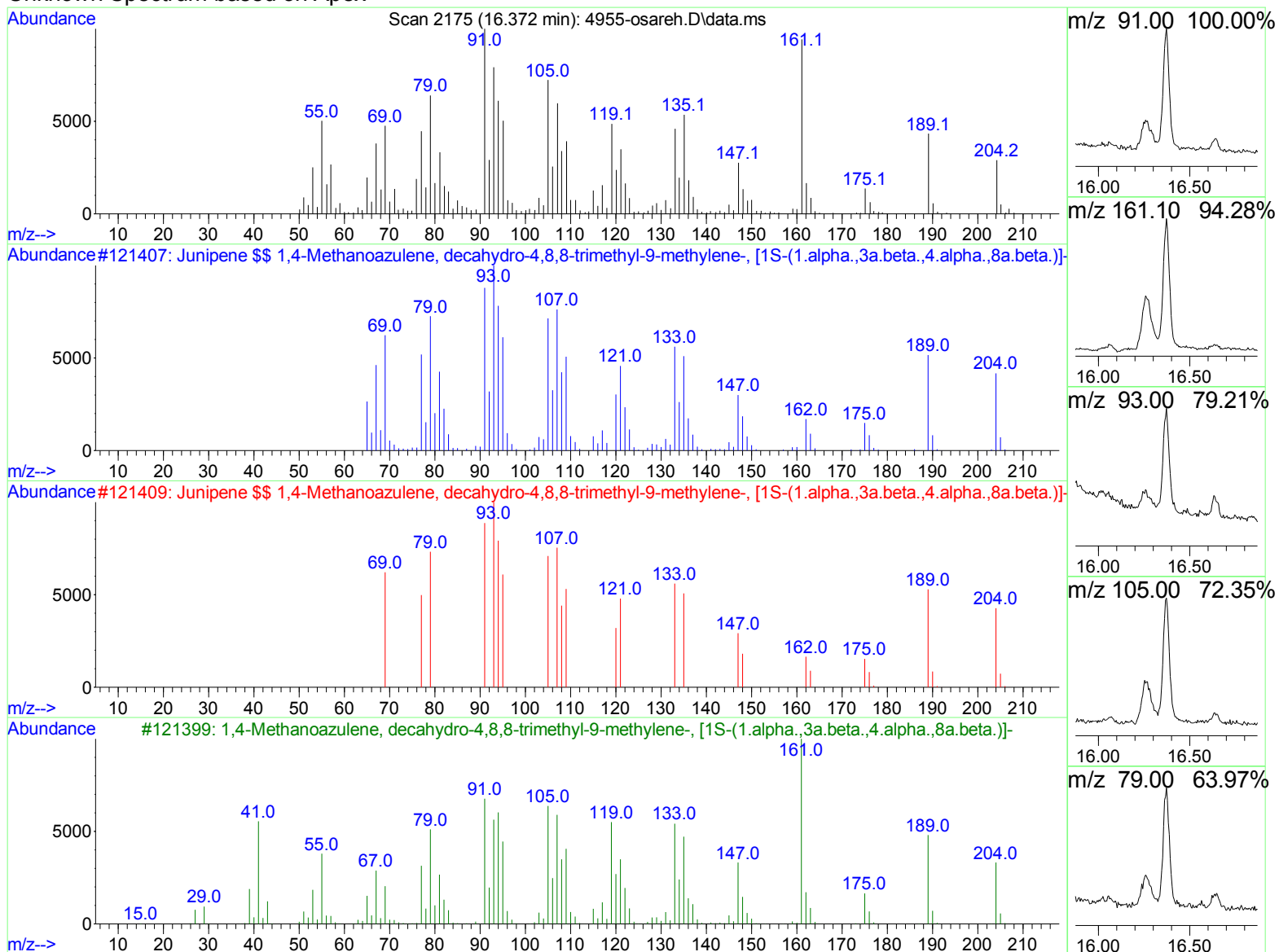
E:\Database\wiley7n.l

1 GERMACRENE-D 121792 023986-74-5 93

2 Germacrene D \$\$ 1,6-Cyclodecadiene... 121722 023986-74-5 93

3 GERMACRENE-D 121806 023986-74-5 93

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

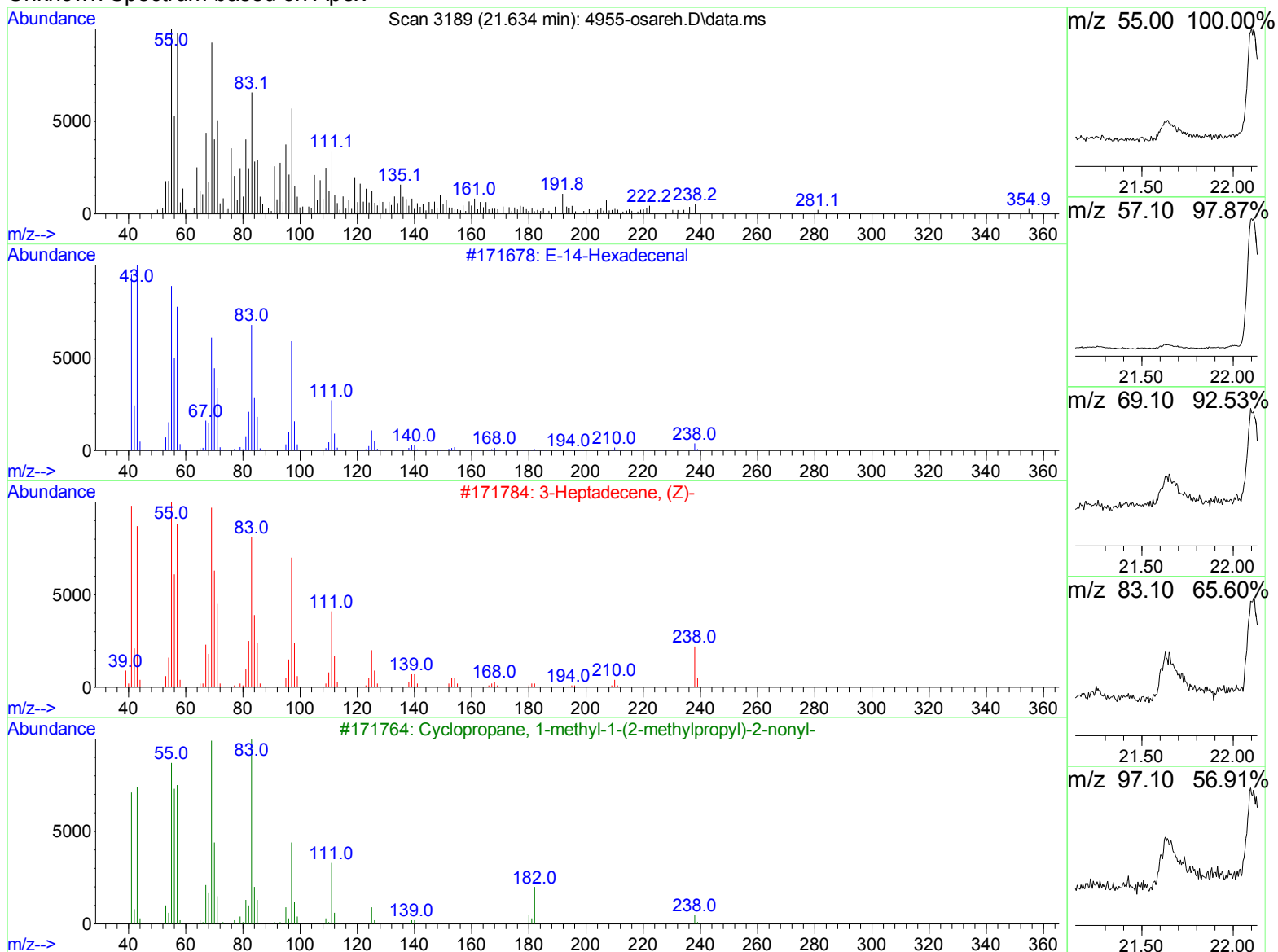
Peak Number: 40 at 16.372 min Area: 11372392 Area % 0.07

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	Junipene \$\$ 1,4-Methanoazulene, ...	121407	000475-20-7	99
2	Junipene \$\$ 1,4-Methanoazulene, ...	121409	000475-20-7	99
3	1,4-Methanoazulene, decahydro-4,...	121399	000475-20-7	99

Unknown Spectrum based on Apex



Data File: G:\VOC\N1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 41 at 21.634 min Area: 3201747 Area % 0.02

The 3 best hits from each library. Ref# CAS# Qual

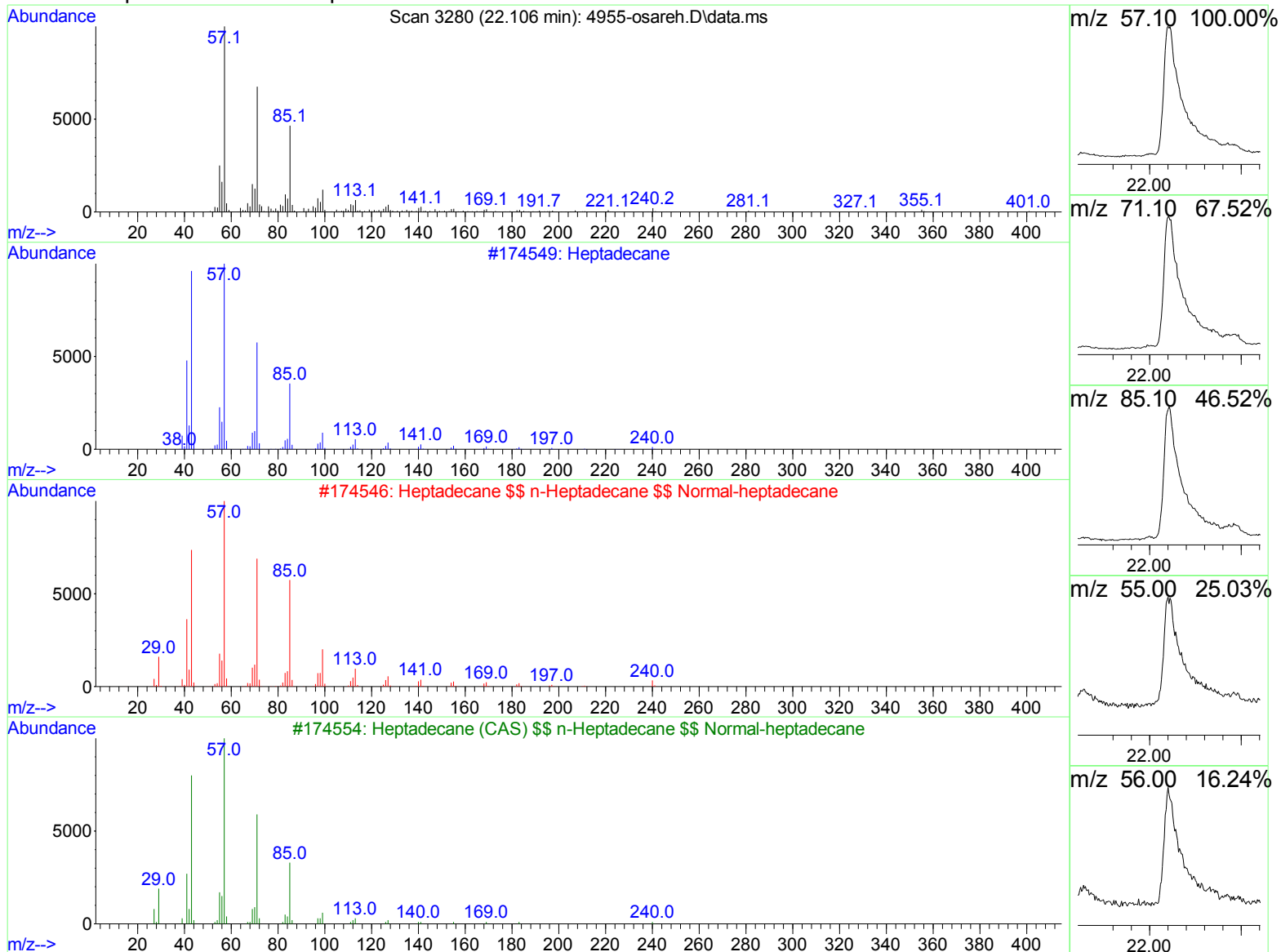
E:\Database\wiley7n.l

1 E-14-Hexadecenal 171678 000000-00-0 93

2 3-Heptadecene, (Z)- 171784 000000-00-0 83

3 Cyclopropane, 1-methyl-1-(2-meth... 171764 041977-41-7 78

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

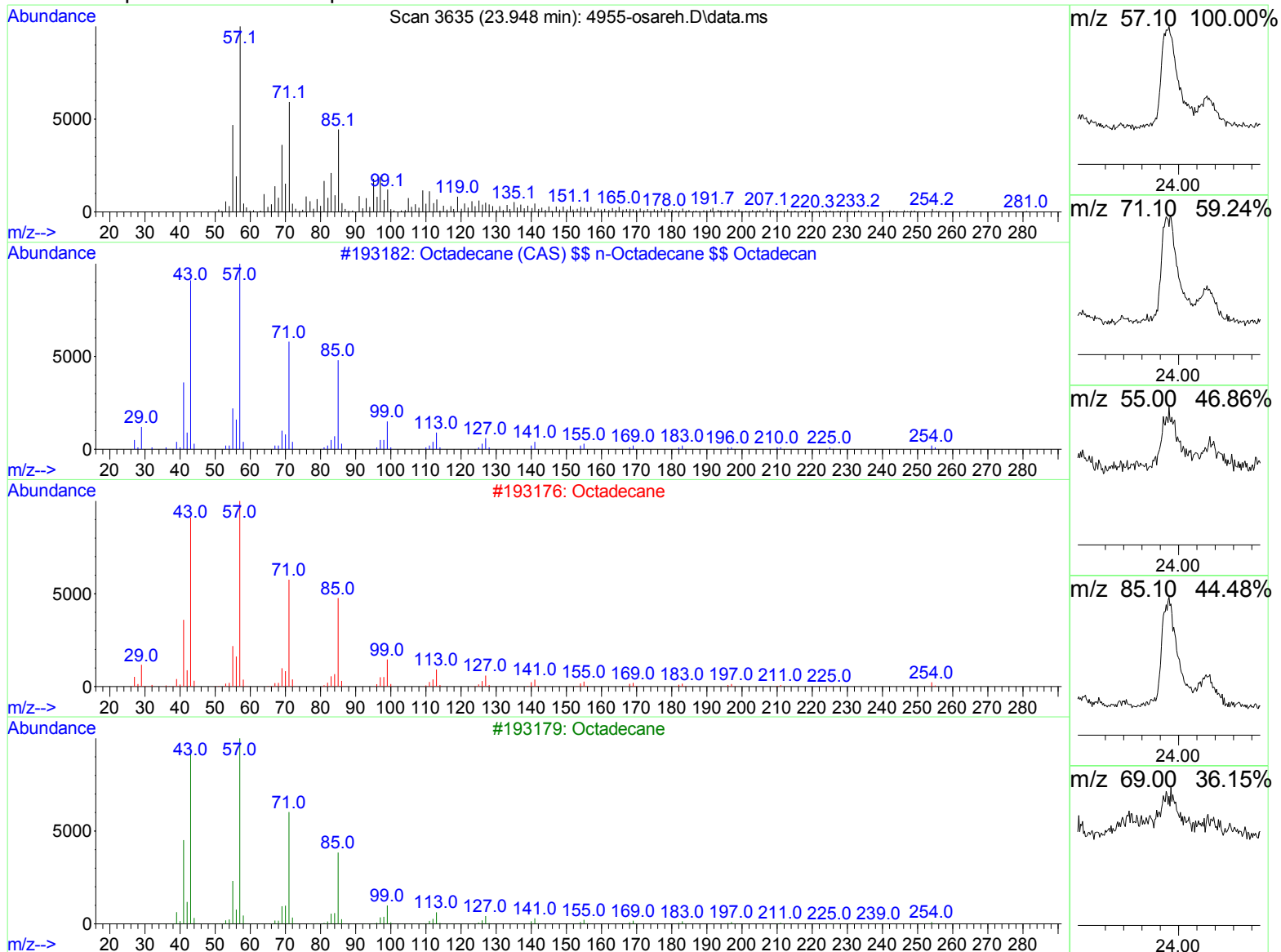
Peak Number: 42 at 22.106 min Area: 33636139 Area % 0.22

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Heptadecane	174549	000629-78-7	96
2 Heptadecane \$\$ n-Heptadecane \$\$...	174546	000629-78-7	96
3 Heptadecane (CAS) \$\$ n-Heptadeca...	174554	000629-78-7	96

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 43 at 23.948 min Area: 5961596 Area % 0.04

The 3 best hits from each library. Ref# CAS# Qual

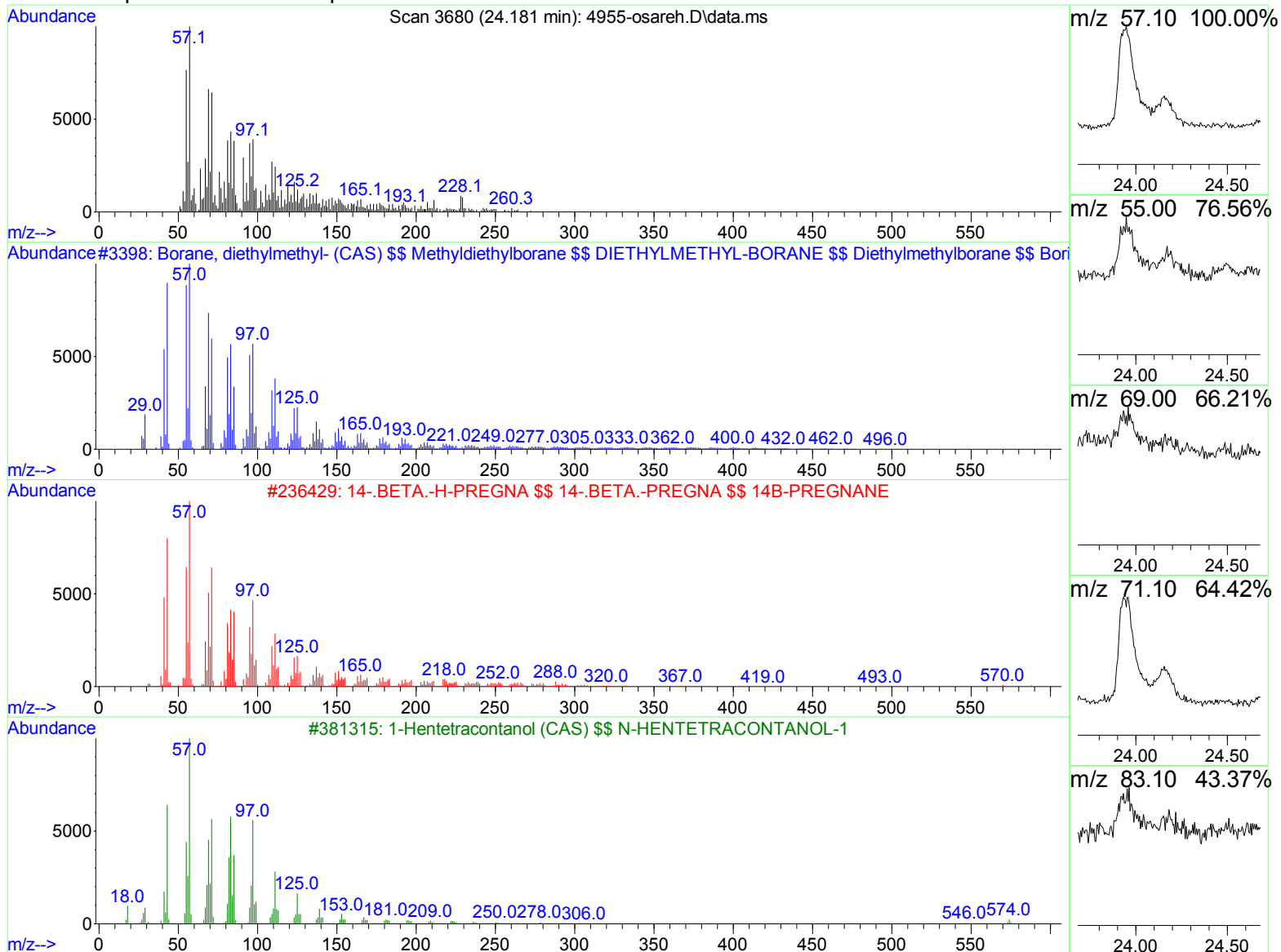
E:\Database\wiley7n.l

1 Octadecane (CAS) \$\$ n-Octadecane... 193182 000593-45-3 95

2 Octadecane 193176 000593-45-3 95

3 Octadecane 193179 000593-45-3 92

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

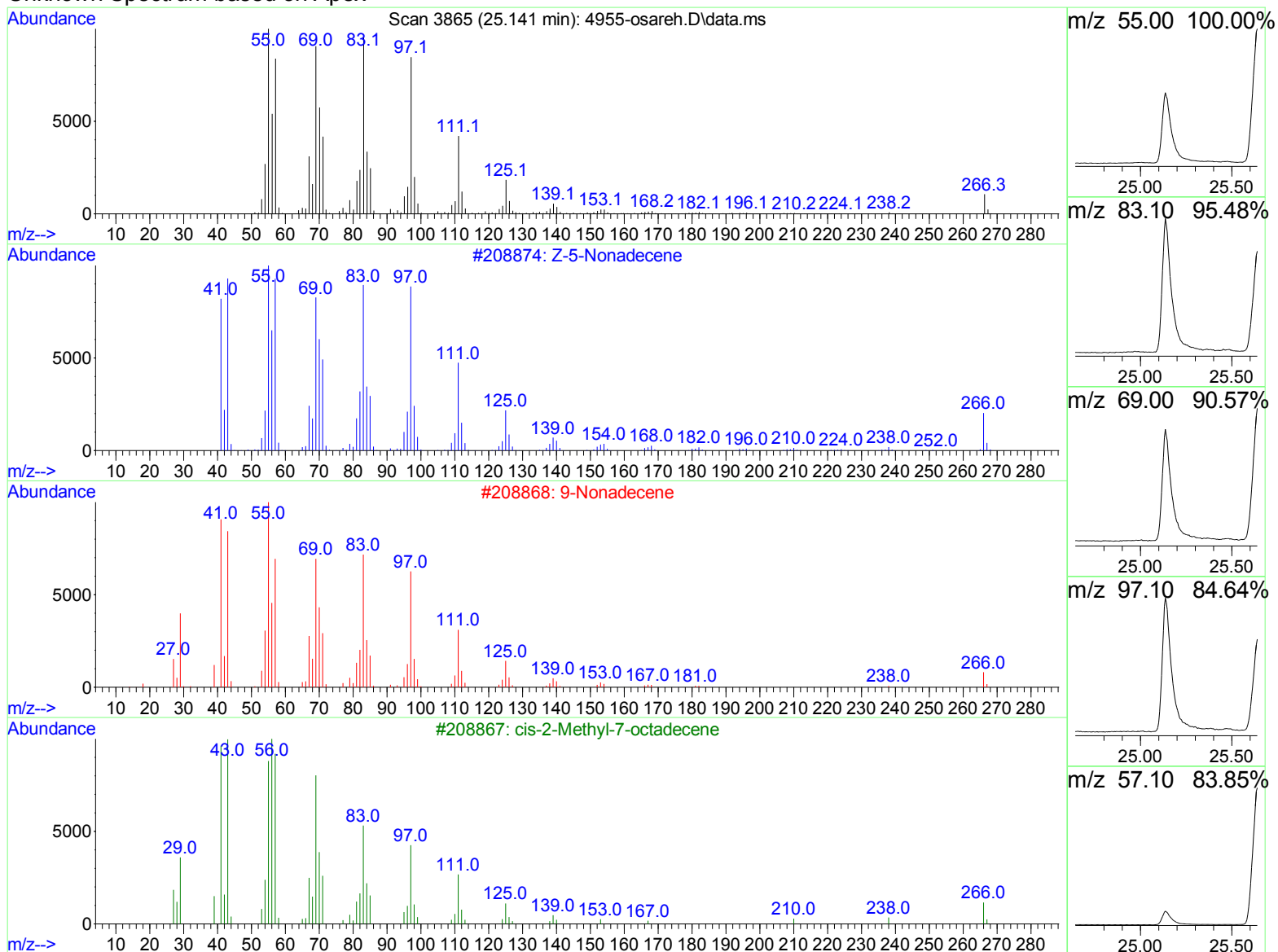
Peak Number: 44 at 24.181 min Area: 2070380 Area % 0.01

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	Borane, diethylmethyl- (CAS) \$\$...	3398	001115-07-7	93
2	14-.BETA.-H-PREGNA \$\$ 14-.BETA.-...	236429	000000-00-0	81
3	1-Hentetracontanol (CAS) \$\$ N-HE...	381315	040710-42-7	70

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 45 at 25.141 min Area: 90517020 Area % 0.59

The 3 best hits from each library. Ref# CAS# Qual

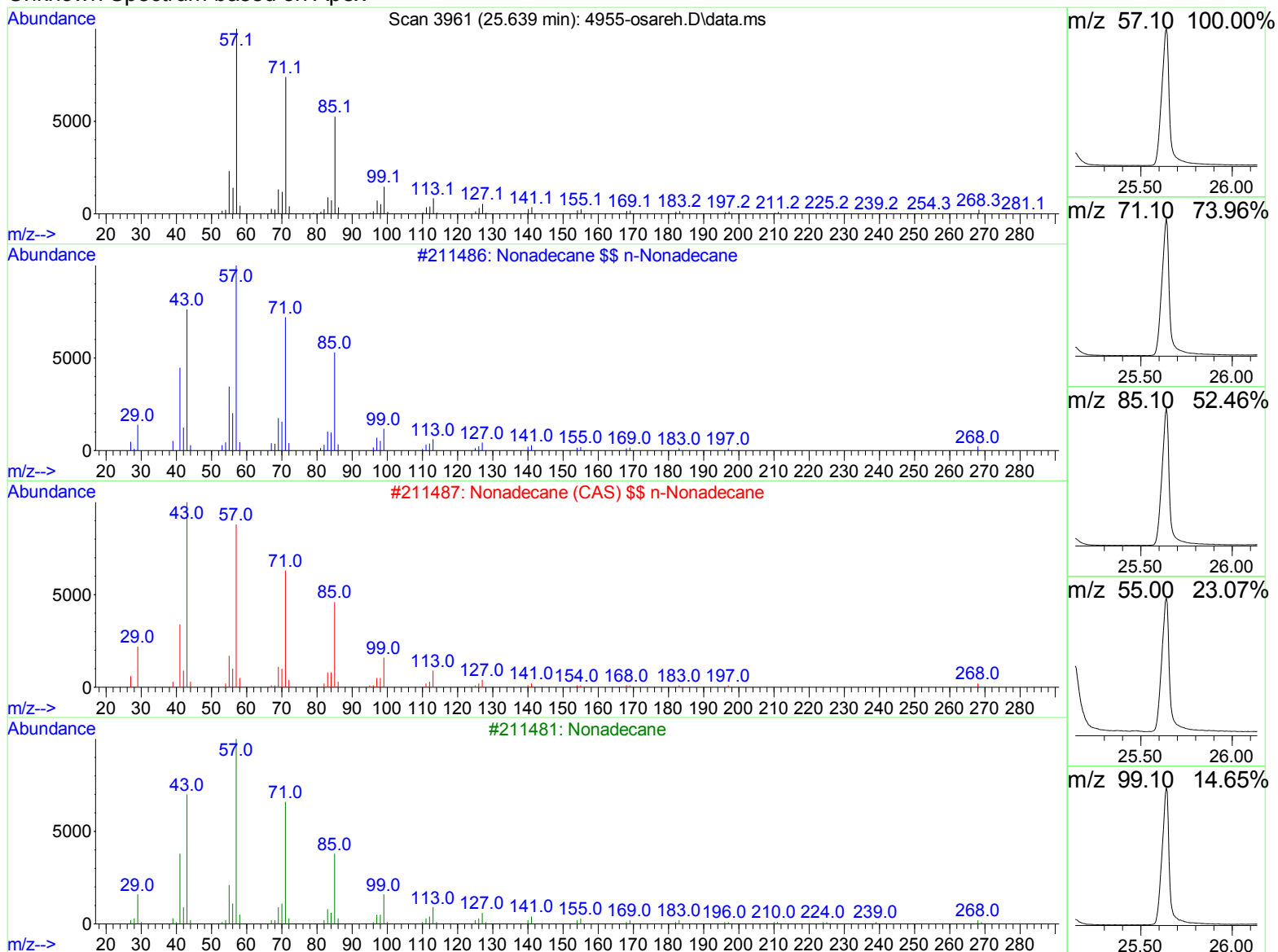
E:\Database\wiley7n.l

1 Z-5-Nonadecene 208874 000000-00-0 99

2 9-Nonadecene 208868 031035-07-1 97

3 cis-2-Methyl-7-octadecene 208867 035354-39-3 93

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 46 at 25.639 min Area: 252670422 Area % 1.65

The 3 best hits from each library. Ref# CAS# Qual

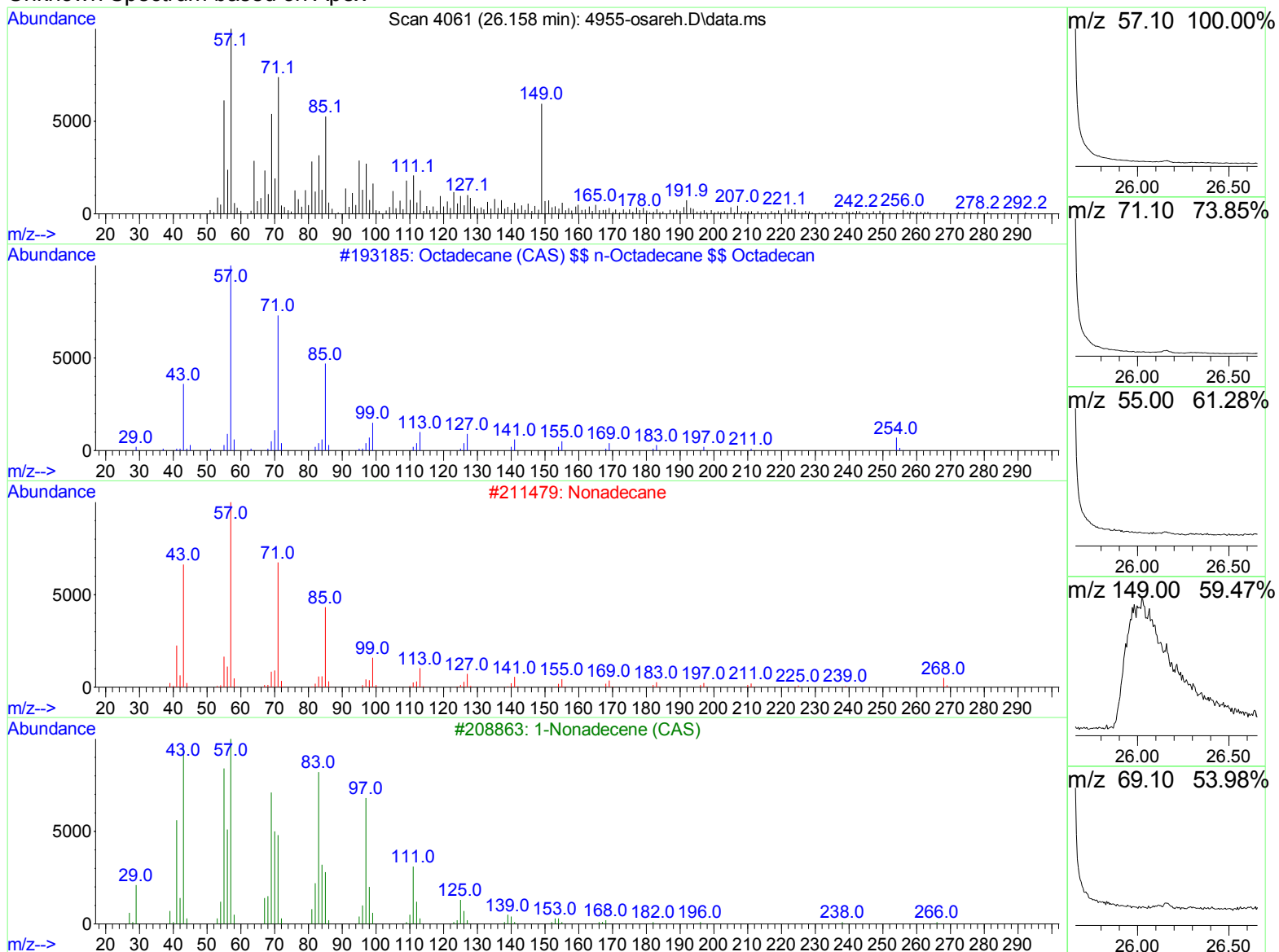
E:\Database\wiley7n.l

1 Nonadecane \$\$ n-Nonadecane 211486 000629-92-5 98

2 Nonadecane (CAS) \$\$ n-Nonadecane 211487 000629-92-5 98

3 Nonadecane 211481 000629-92-5 95

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 47 at 26.158 min Area: 2150202 Area % 0.01

The 3 best hits from each library. Ref# CAS# Qual

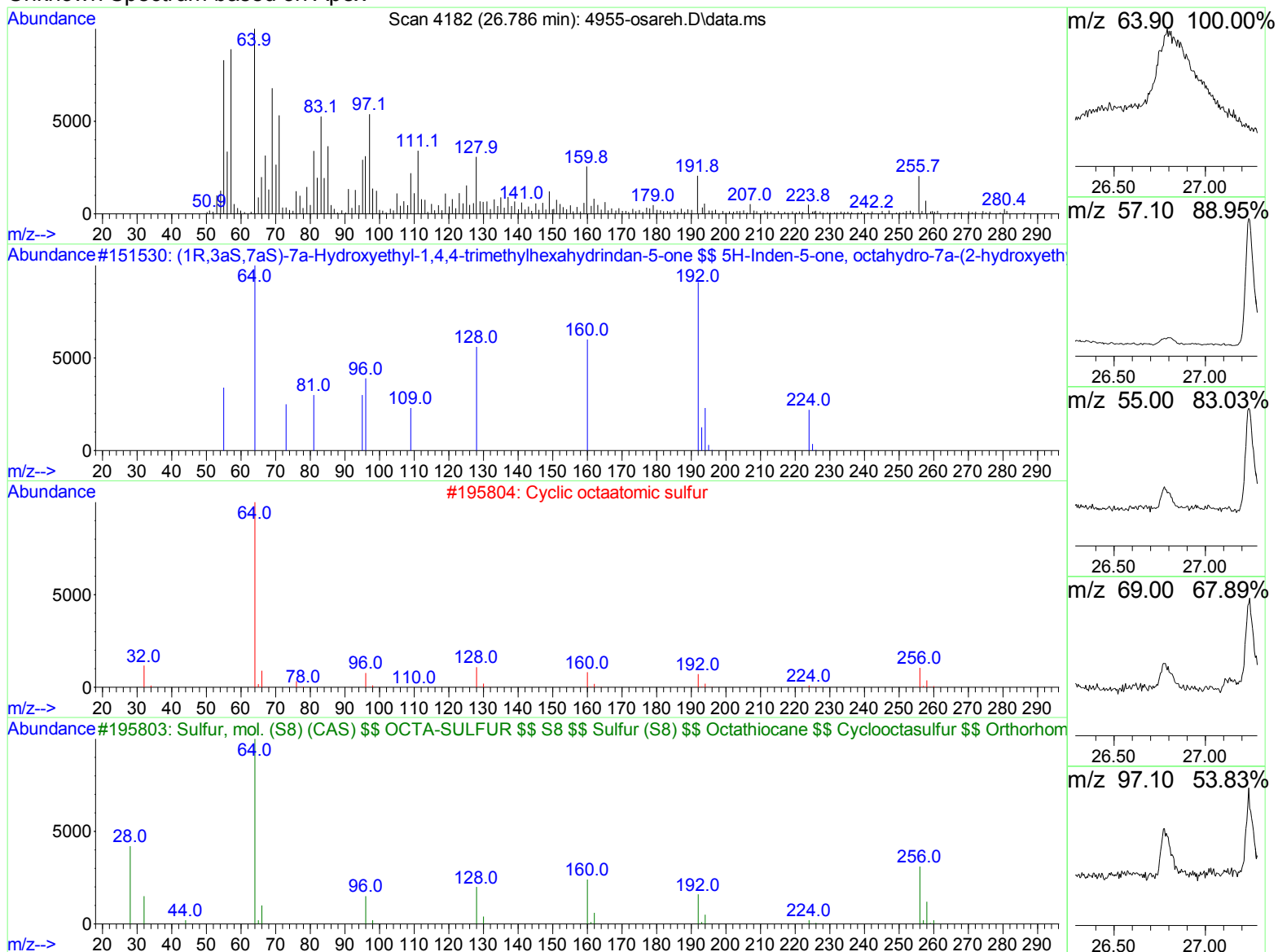
E:\Database\wiley7n.l

1 Octadecane (CAS) \$\$ n-Octadecane... 193185 000593-45-3 90

2 Nonadecane 211479 000629-92-5 87

3 1-Nonadecene (CAS) 208863 018435-45-5 56

Unknown Spectrum based on Apex



Data File: G:\VOC\N1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 48 at 26.786 min Area: 4765579 Area % 0.03

The 3 best hits from each library. Ref# CAS# Qual

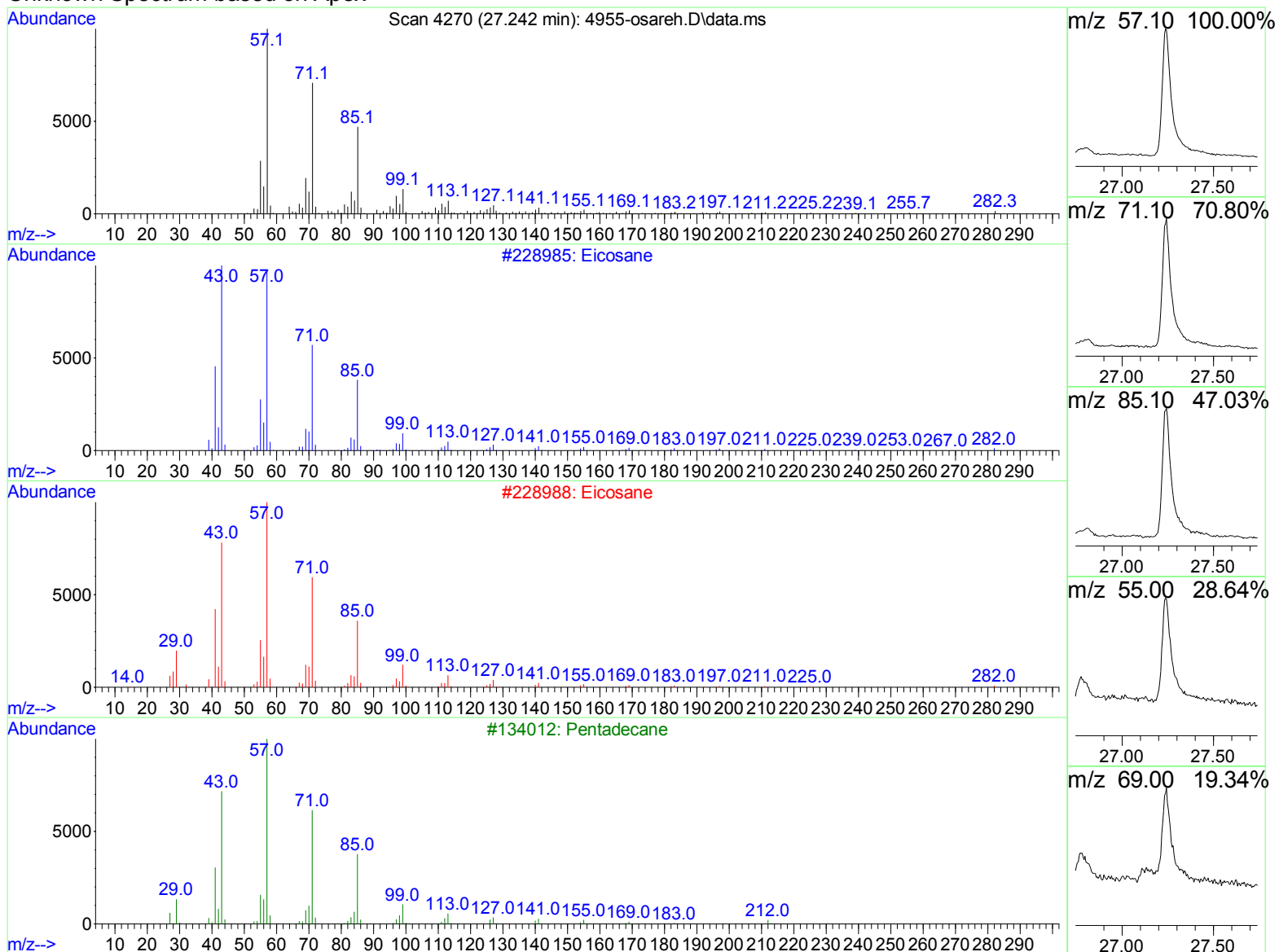
E:\Database\wiley7n.l

1 (1R,3aS,7aS)-7a-Hydroxyethyl-1,4... 151530 128790-34-1 70

2 Cyclic octaatomic sulfur 195804 010544-50-0 70

3 Sulfur, mol. (S8) (CAS) \$\$ OCTA-... 195803 010544-50-0 70

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 49 at 27.242 min Area: 20570476 Area % 0.13

The 3 best hits from each library. Ref# CAS# Qual

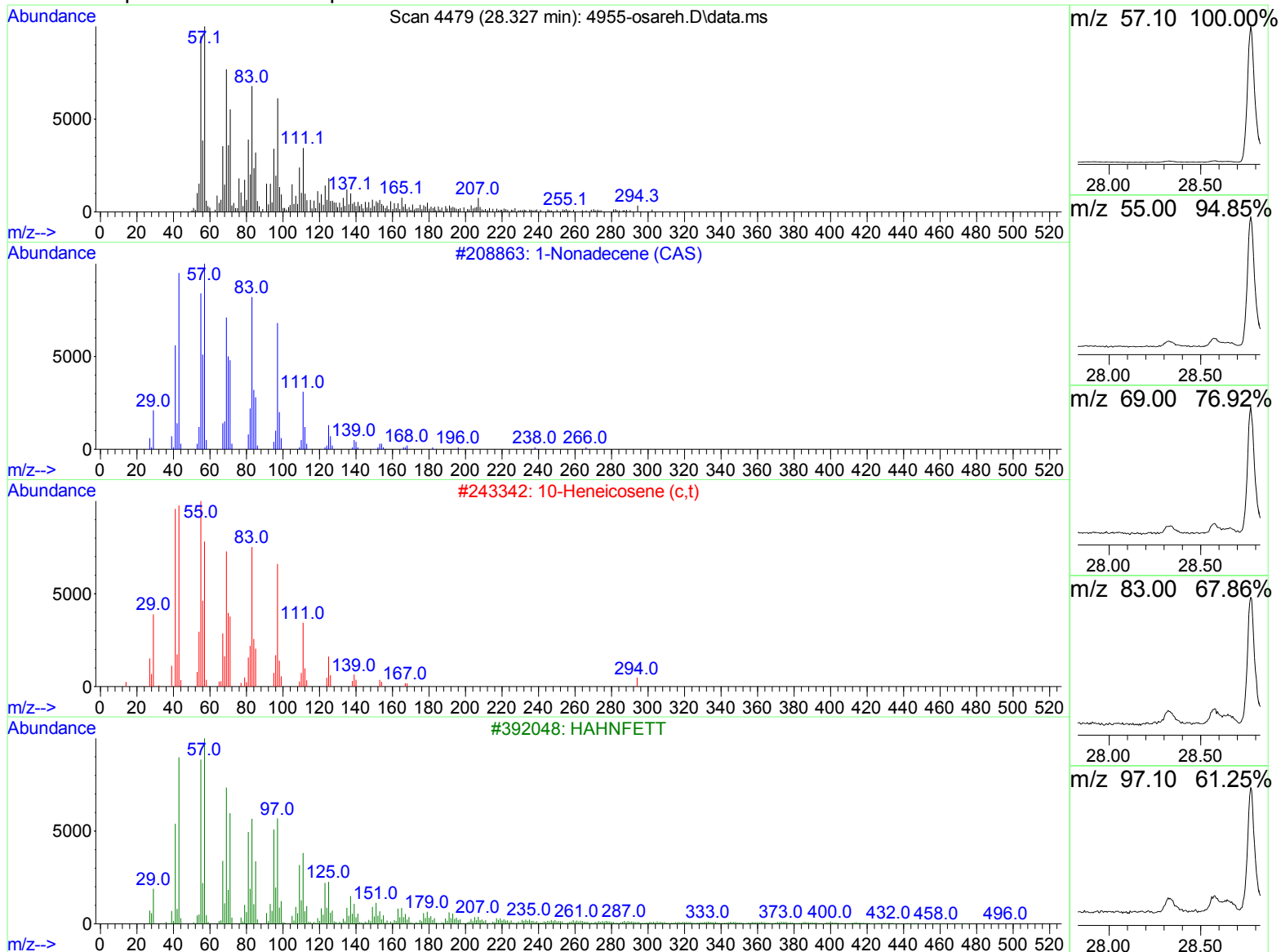
E:\Database\wiley7n.l

1 Eicosane 228985 000112-95-8 96

2 Eicosane 228988 000112-95-8 96

3 Pentadecane 134012 000629-62-9 95

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 50 at 28.327 min Area: 2932767 Area % 0.02

The 3 best hits from each library. Ref# CAS# Qual

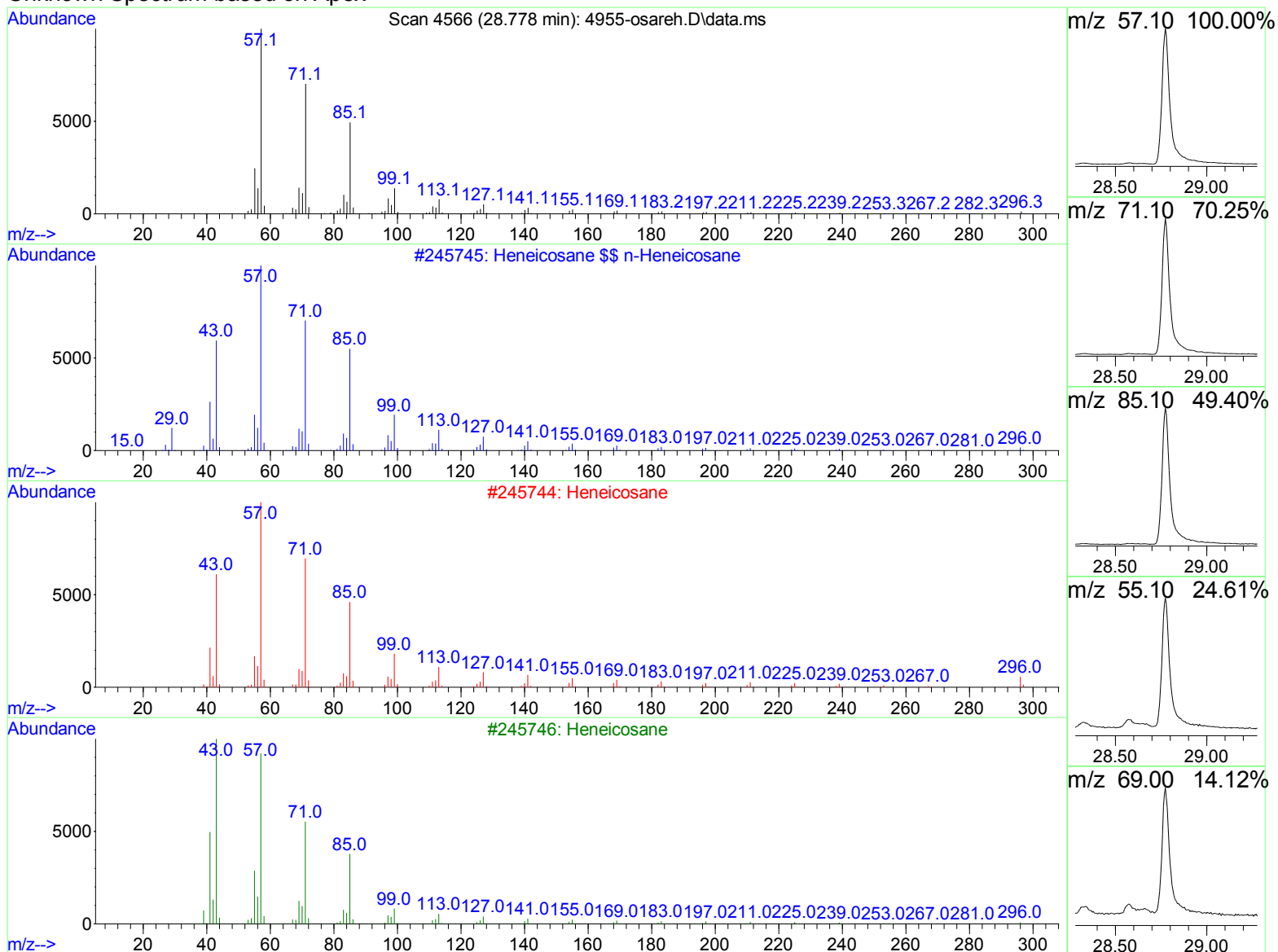
E:\Database\wiley7n.l

1 1-Nonadecene (CAS) 208863 018435-45-5 95

2 10-Heneicosene (c,t) 243342 095008-11-0 87

3 HAHNFETT 392048 000000-00-0 87

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

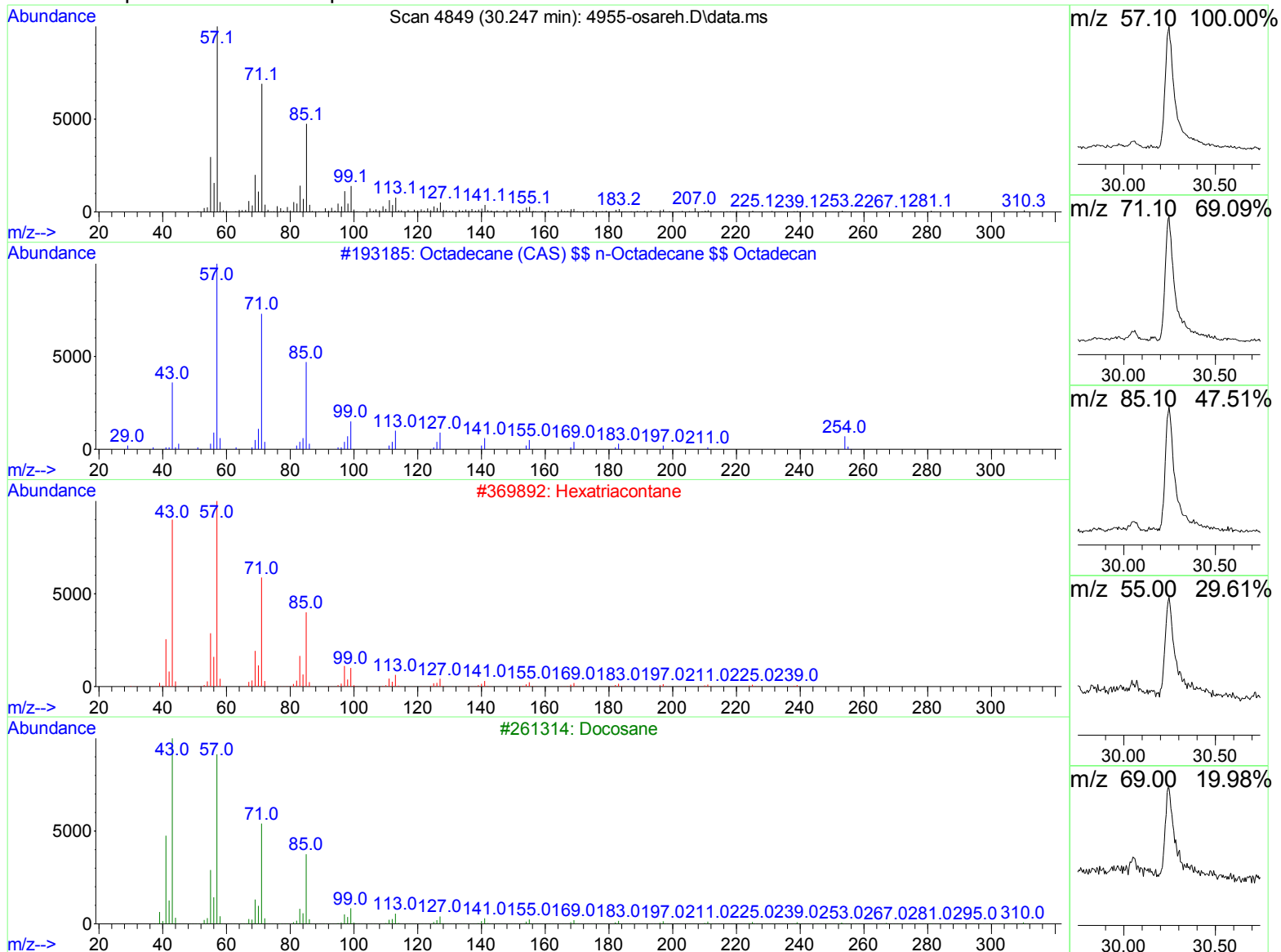
Peak Number: 51 at 28.778 min Area: 92159232 Area % 0.60

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Heneicosane \$\$ n-Heneicosane	245745	000629-94-7	98
2 Heneicosane	245744	000629-94-7	95
3 Heneicosane	245746	000629-94-7	94

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 52 at 30.247 min Area: 12036662 Area % 0.08

The 3 best hits from each library. Ref# CAS# Qual

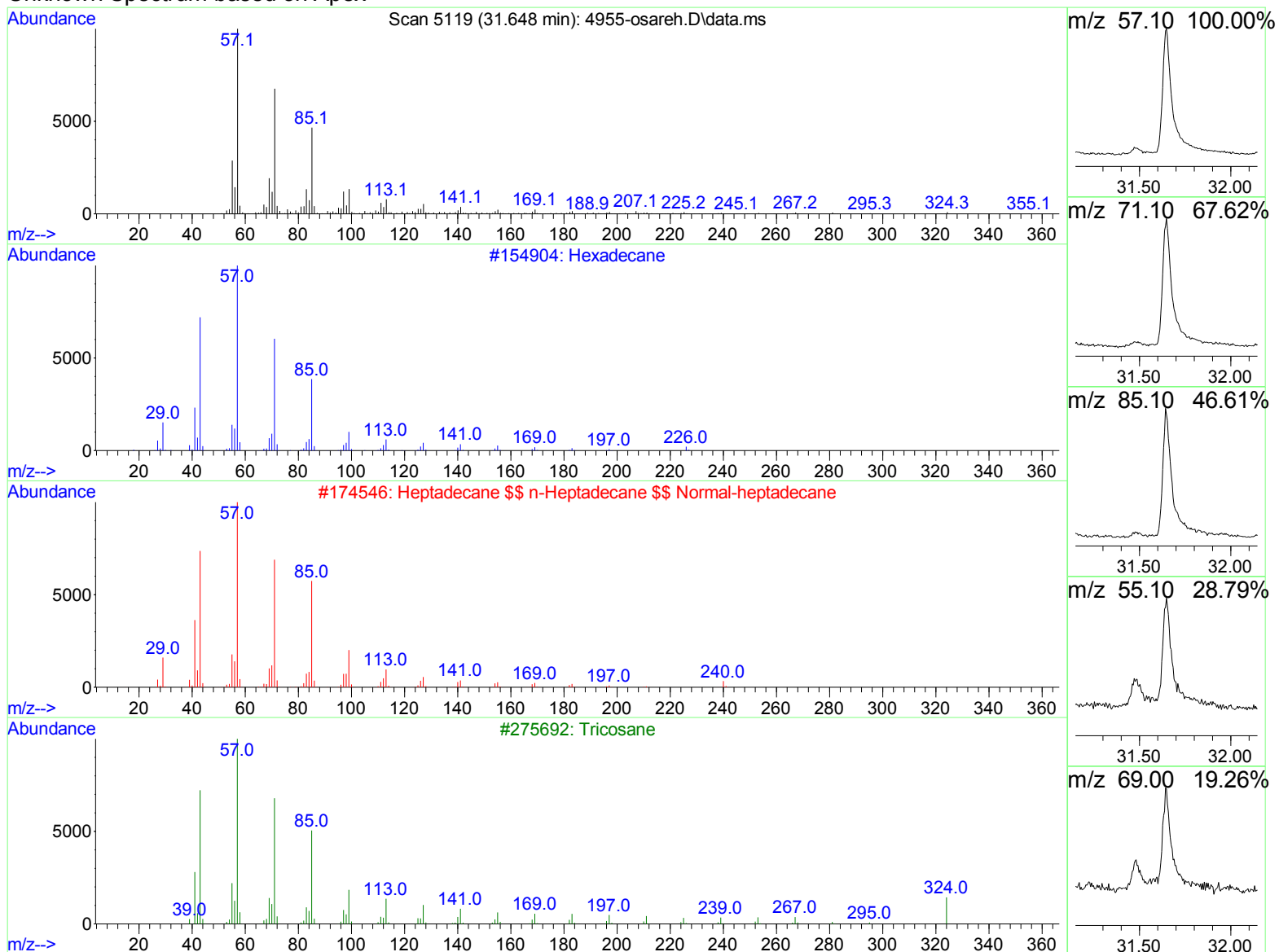
E:\Database\wiley7n.l

1 Octadecane (CAS) \$\$ n-Octadecane... 193185 000593-45-3 95

2 Hexatriacontane 369892 000630-06-8 94

3 Docosane 261314 000629-97-0 92

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

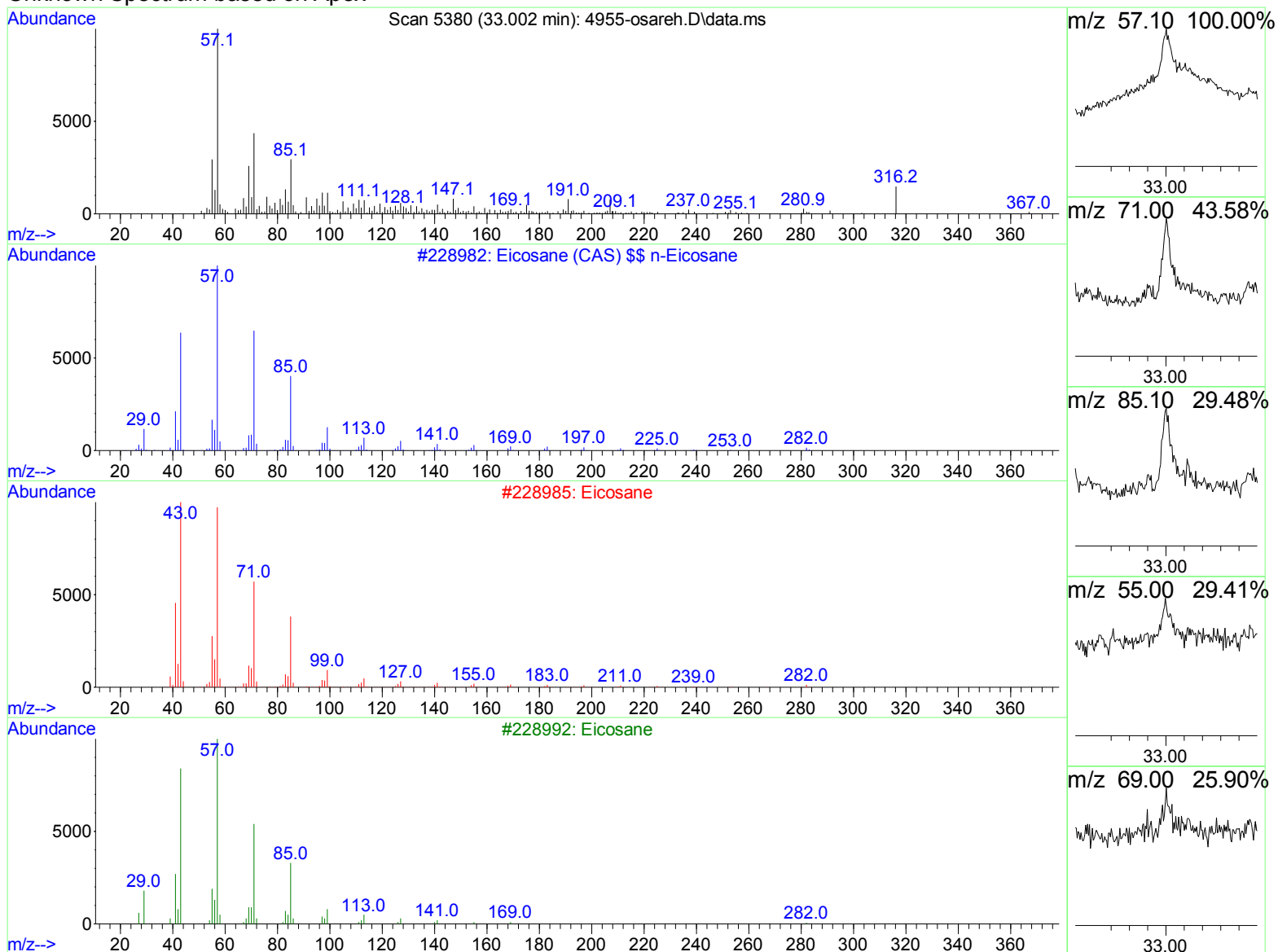
Peak Number: 53 at 31.648 min Area: 13595897 Area % 0.09

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Hexadecane	154904	000544-76-3	96
2 Heptadecane \$\$ n-Heptadecane \$\$...	174546	000629-78-7	93
3 Tricosane	275692	000638-67-5	93

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 54 at 33.002 min Area: 8036804 Area % 0.05

The 3 best hits from each library. Ref# CAS# Qual

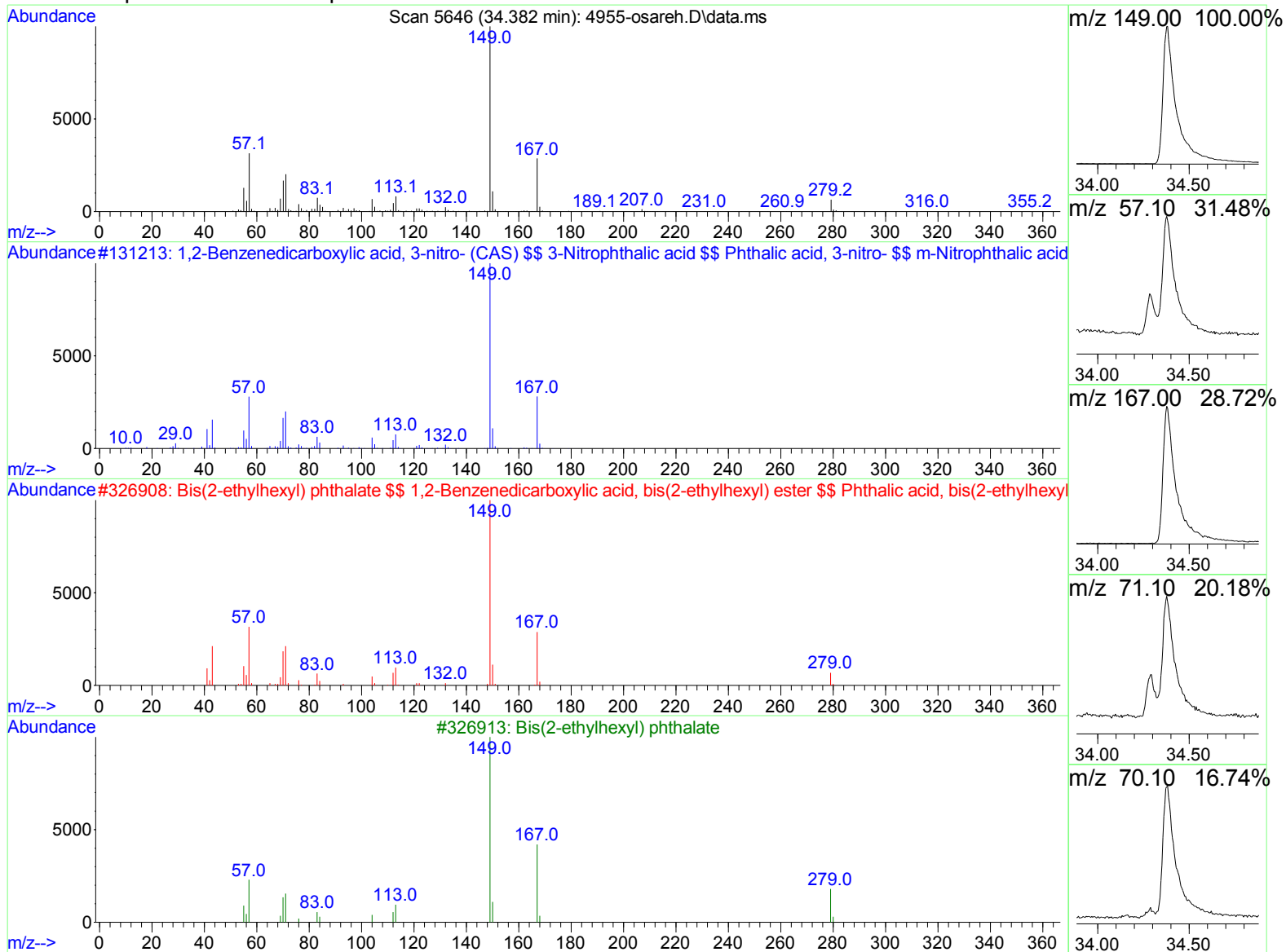
E:\Database\wiley7n.l

1 Eicosane (CAS) \$\$ n-Eicosane 228982 000112-95-8 98

2 Eicosane 228985 000112-95-8 94

3 Eicosane 228992 000112-95-8 94

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 55 at 34.382 min Area: 30104178 Area % 0.20

The 3 best hits from each library. Ref# CAS# Qual

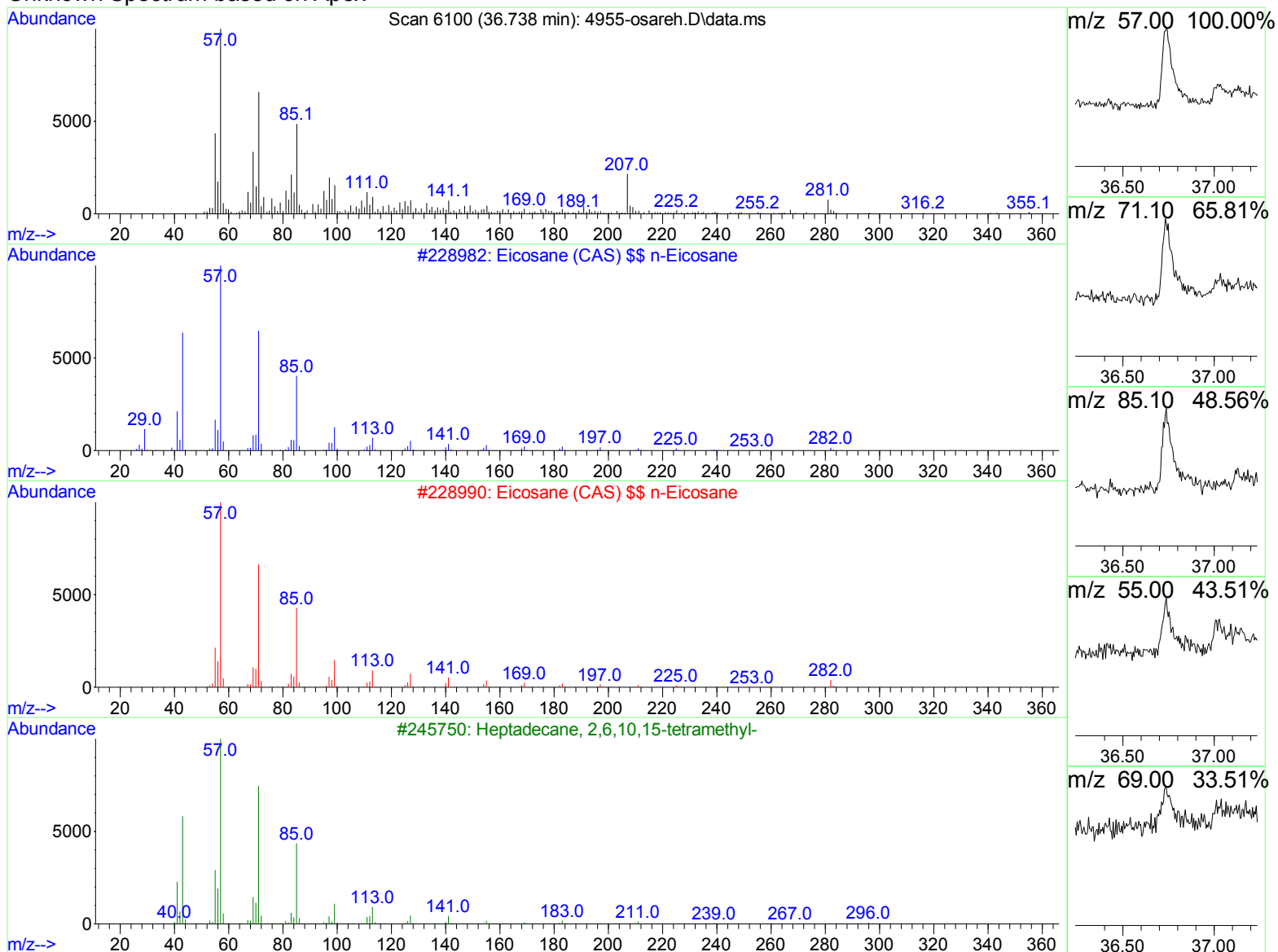
E:\Database\wiley7n.l

1 1,2-Benzenedicarboxylic acid, 3-nitro- 131213 000603-11-2 91

2 Bis(2-ethylhexyl) phthalate \$\$ 1... 326908 000117-81-7 91

3 Bis(2-ethylhexyl) phthalate 326913 000117-81-7 91

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

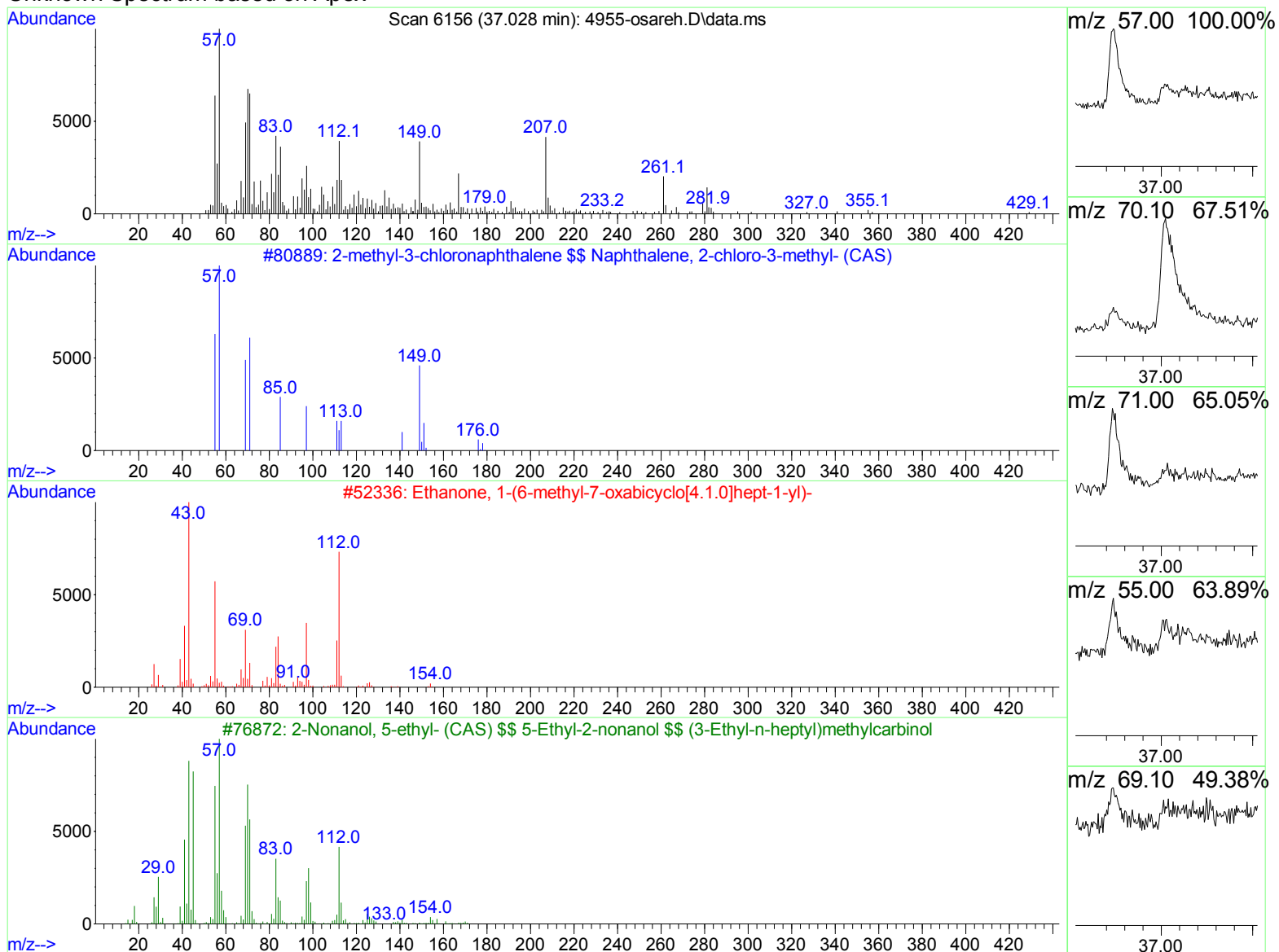
Peak Number: 56 at 36.738 min Area: 2878625 Area % 0.02

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Eicosane (CAS) \$\$ n-Eicosane	228982	000112-95-8	95
2 Eicosane (CAS) \$\$ n-Eicosane	228990	000112-95-8	95
3 Heptadecane, 2,6,10,15-tetramethyl-	245750	054833-48-6	91

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

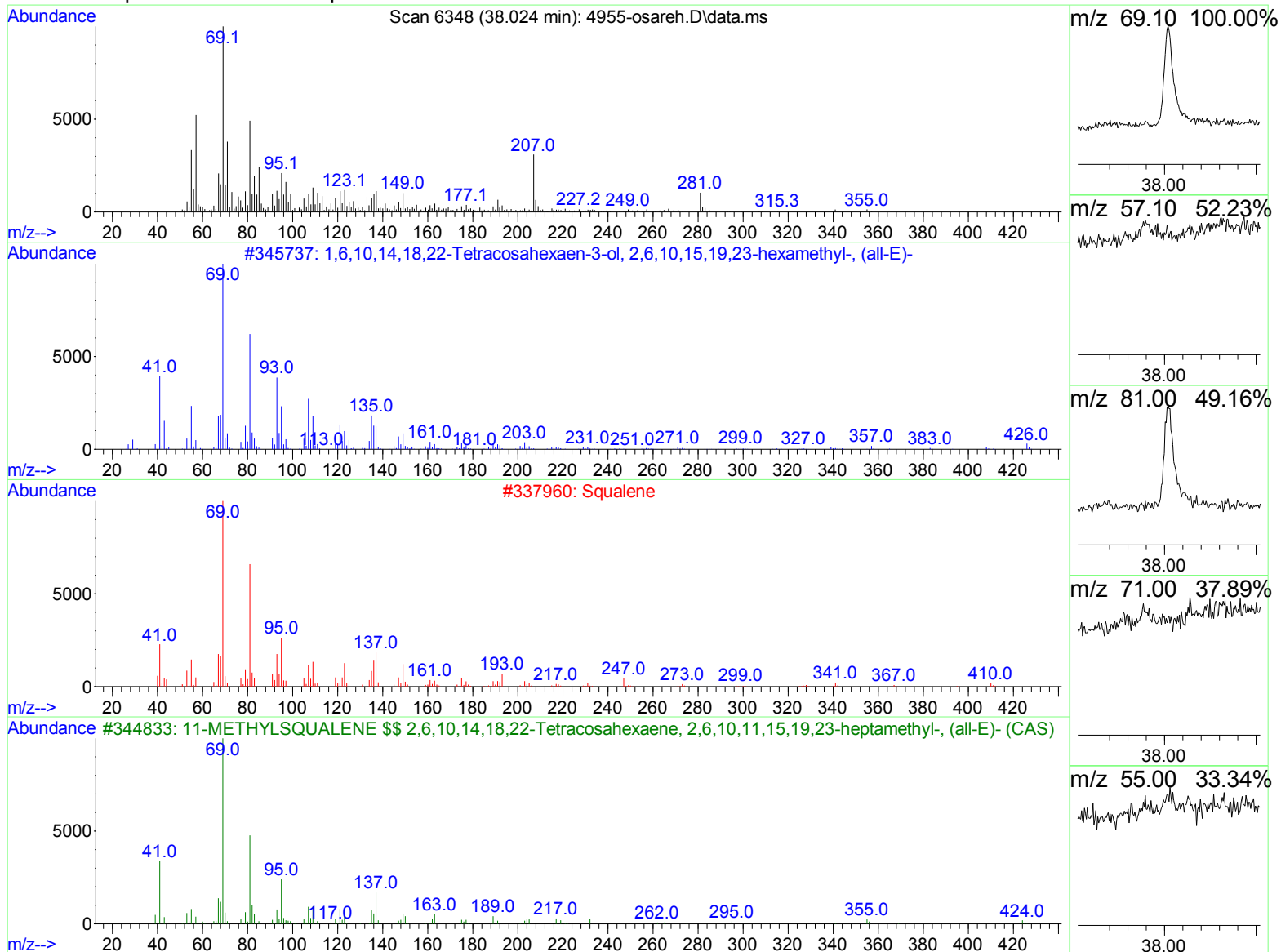
Peak Number: 57 at 37.028 min Area: 3444195 Area % 0.02

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 2-methyl-3-chloronaphthalene \$\$...	80889 062956-38-1	22
2 Ethanone, 1-(6-methyl-7-oxabicyc...	52336 015120-94-2	18
3 2-Nonanol, 5-ethyl- (CAS) \$\$ 5-E...	76872 000103-08-2	14

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 58 at 38.024 min Area: 2350031 Area % 0.02

The 3 best hits from each library. Ref# CAS# Qual

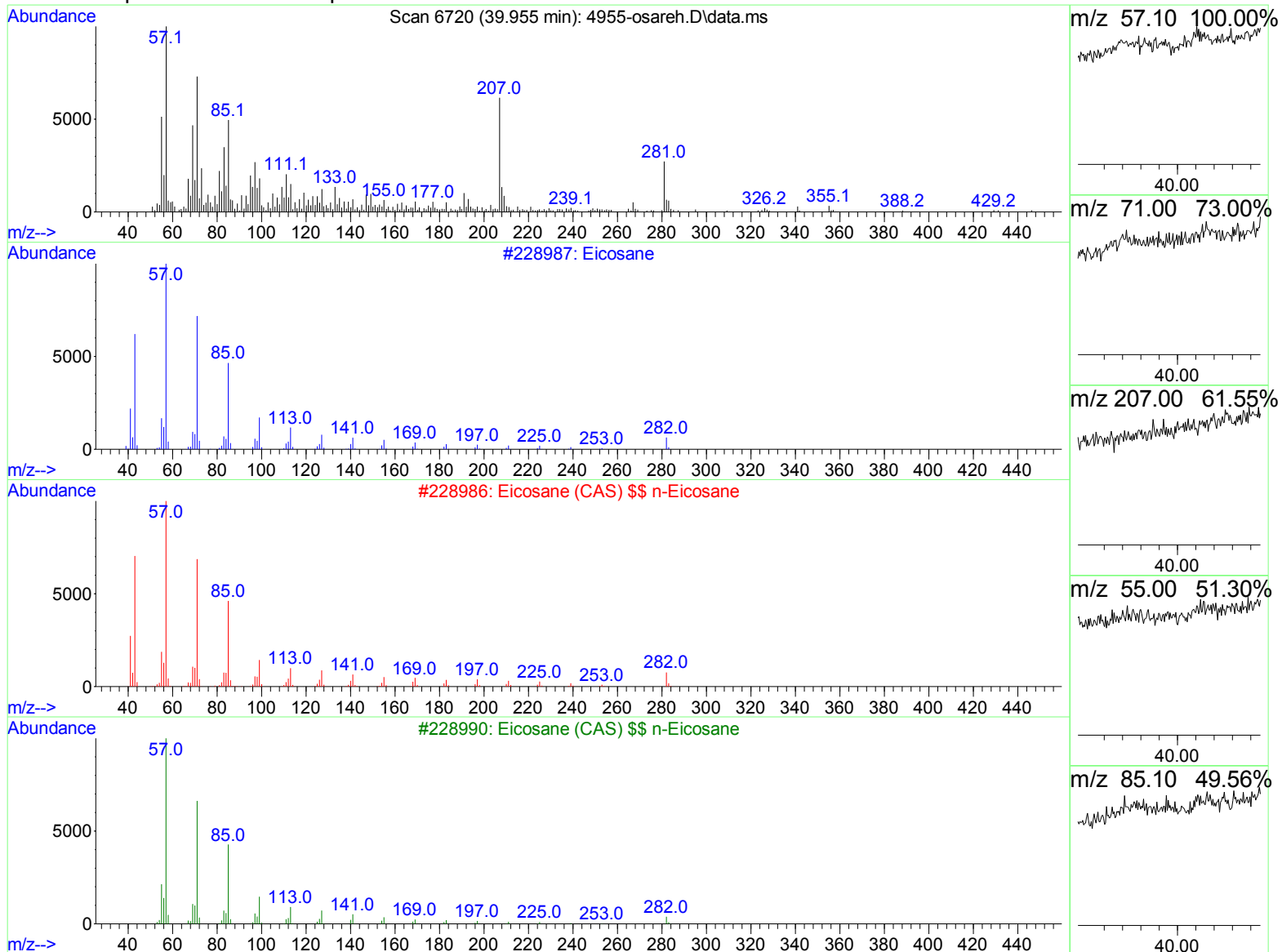
E:\Database\wiley7n.l

1 1,6,10,14,18,22-Tetracosahexaen-... 345737 054159-46-5 62

2 Squalene 337960 007683-64-9 62

3 11-METHYLSQUALENE \$\$ 2,6,10,14,1... 344833 063424-36-2 50

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

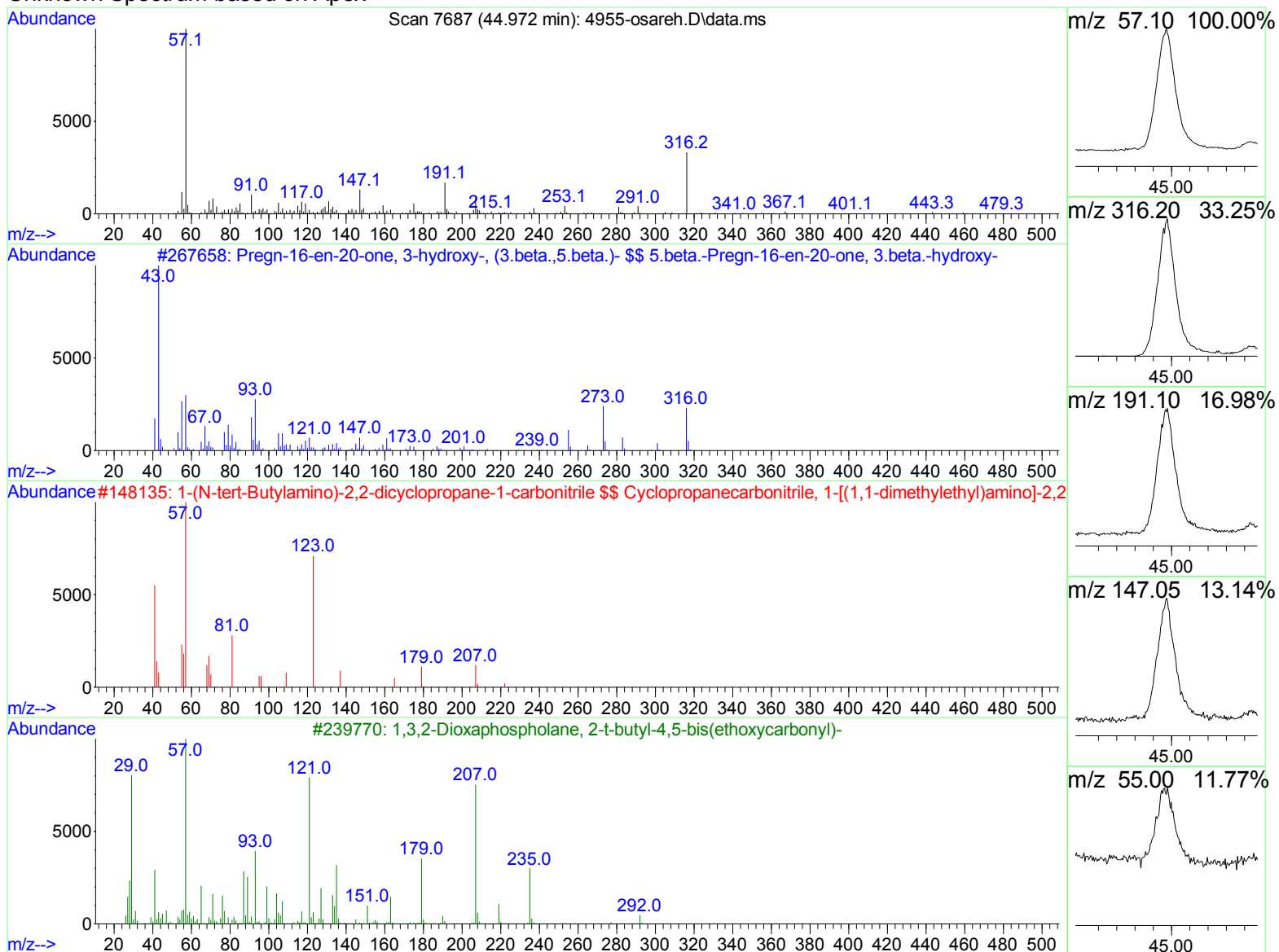
Peak Number: 59 at 39.955 min Area: 2423136 Area % 0.02

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Eicosane	228987	000112-95-8	92
2 Eicosane (CAS) \$\$ n-Eicosane	228986	000112-95-8	74
3 Eicosane (CAS) \$\$ n-Eicosane	228990	000112-95-8	72

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

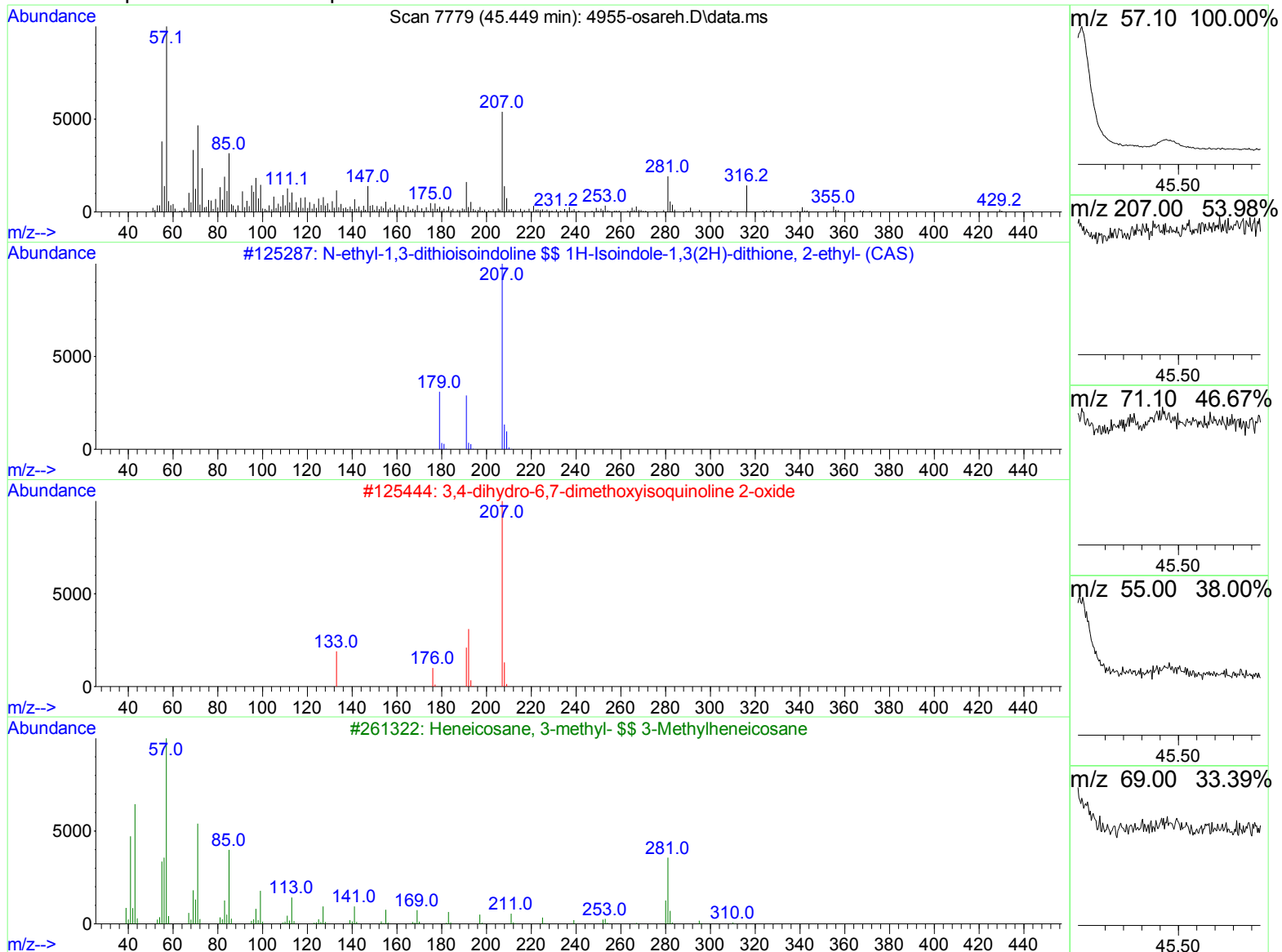
Peak Number: 60 at 44.972 min Area: 38207846 Area % 0.25

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1 Pregn-16-en-20-one, 3-hydroxy-, ...	267658	000566-59-6	10
2 1-(N-tert-Butylamino)-2,2-dicycl...	148135	123445-52-3	9
3 1,3,2-Dioxaphospholane, 2-t-buty...	239770	080043-97-6	9

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

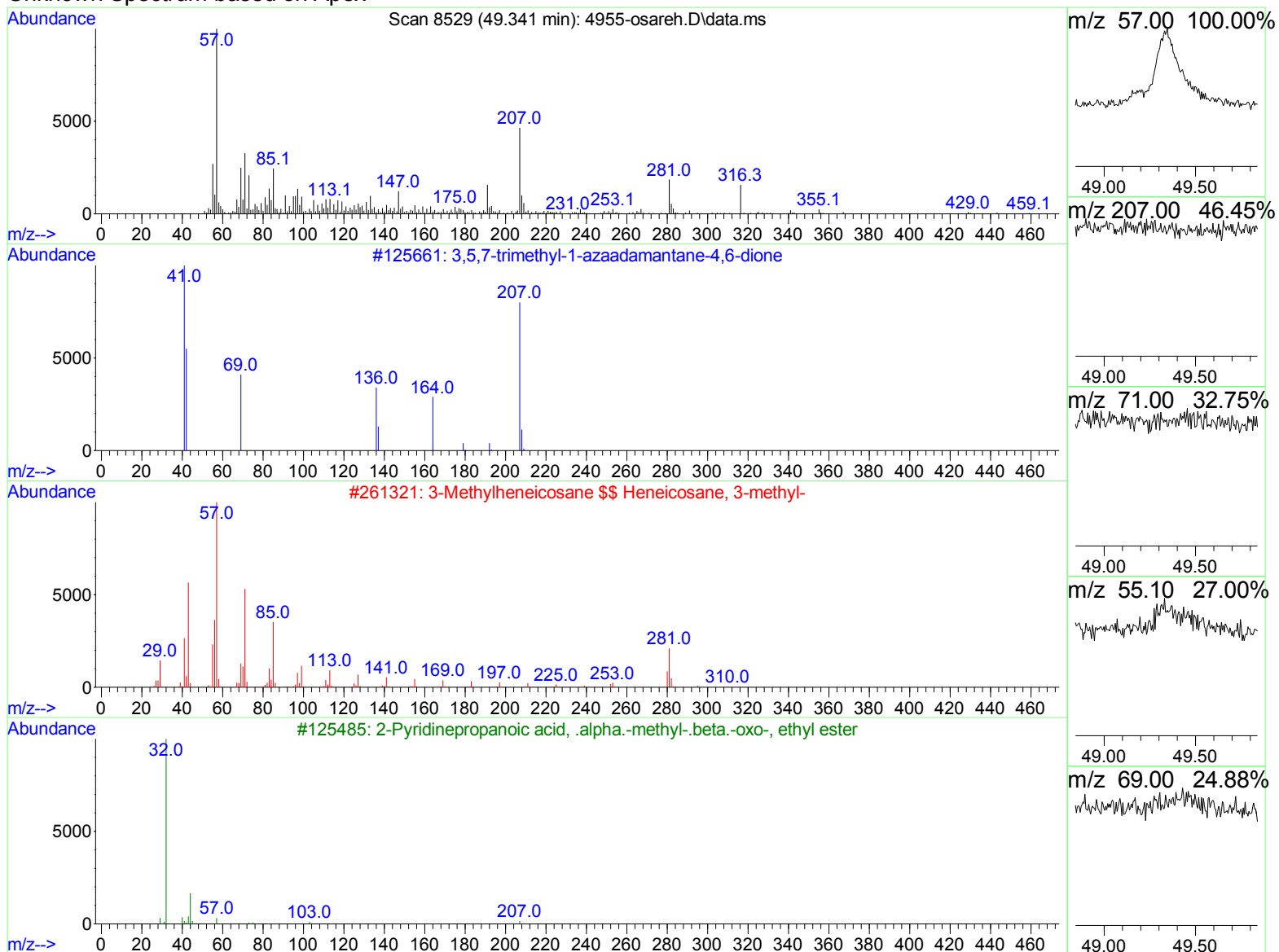
Peak Number: 61 at 45.449 min Area: 2621446 Area % 0.02

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	N-ethyl-1,3-dithioisindoline \$\$...	125287	035373-06-9	49
2	3,4-dihydro-6,7-dimethoxyisoquin...	125444	084122-10-1	47
3	Heneicosane, 3-methyl- \$\$ 3-Meth...	261322	006418-47-9	38

Unknown Spectrum based on Apex



Data File: G:\VOC\NÔ 1399\99-11-18\4955-osareh.D

Sample : 4955-osareh

Peak Number: 62 at 49.341 min Area: 7120929 Area % 0.05

The 3 best hits from each library. Ref# CAS# Qual

E:\Database\wiley7n.l

1	3,5,7-trimethyl-1-azaadamantane-...	125661	136947-01-8	27
2	3-Methylheneicosane \$\$ Heneicosa...	261321	006418-47-9	10
3	2-Pyridinepropanoic acid, .alpha...	125485	000000-00-0	9