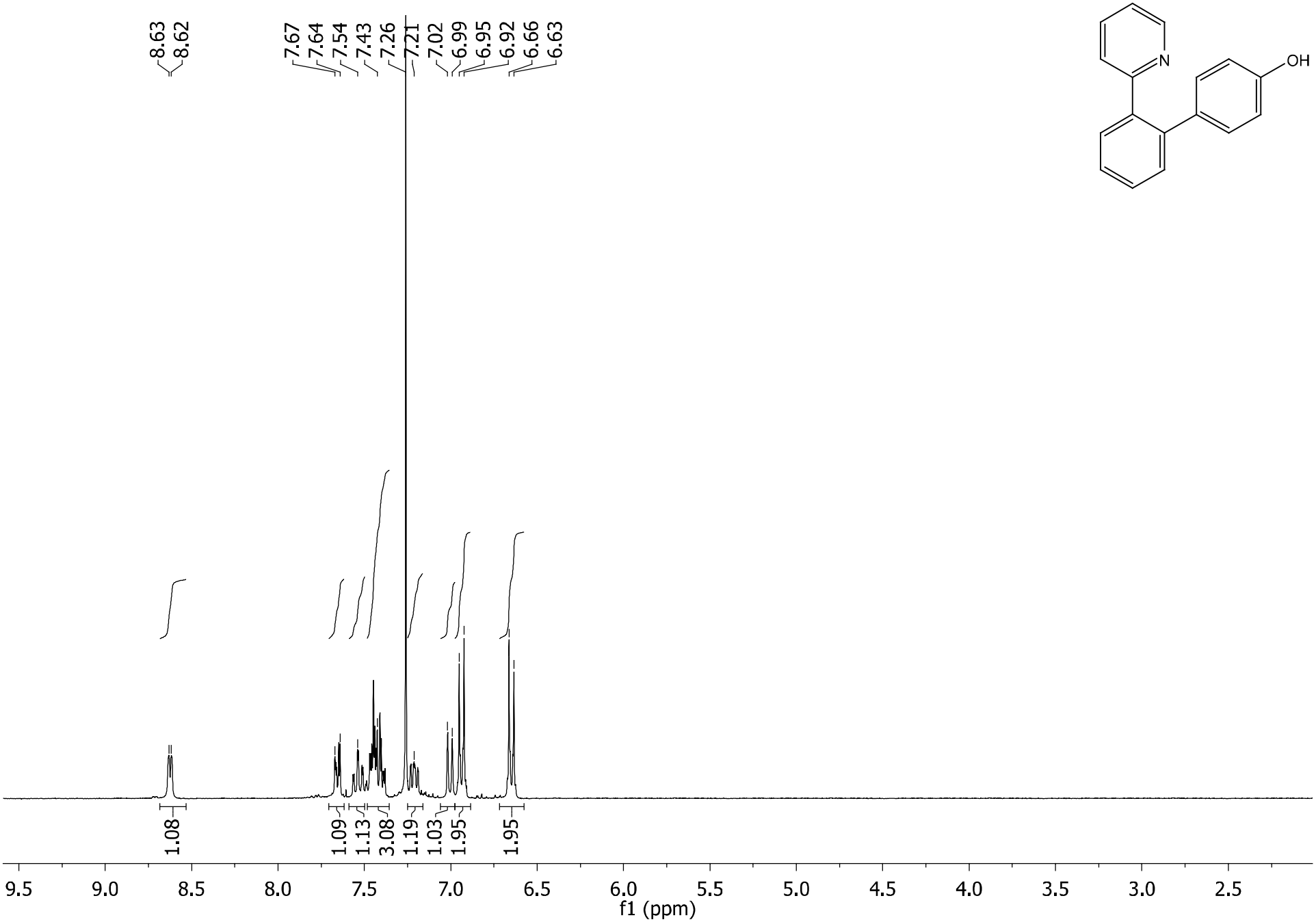
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7.21
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6.95
6.92
6.66
6.63
1.08
1.09
1.13
3.08
1.19
1.03
1.95
1.95
9.5
9.0
8.5
8.0
7.5
7.0
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5.0
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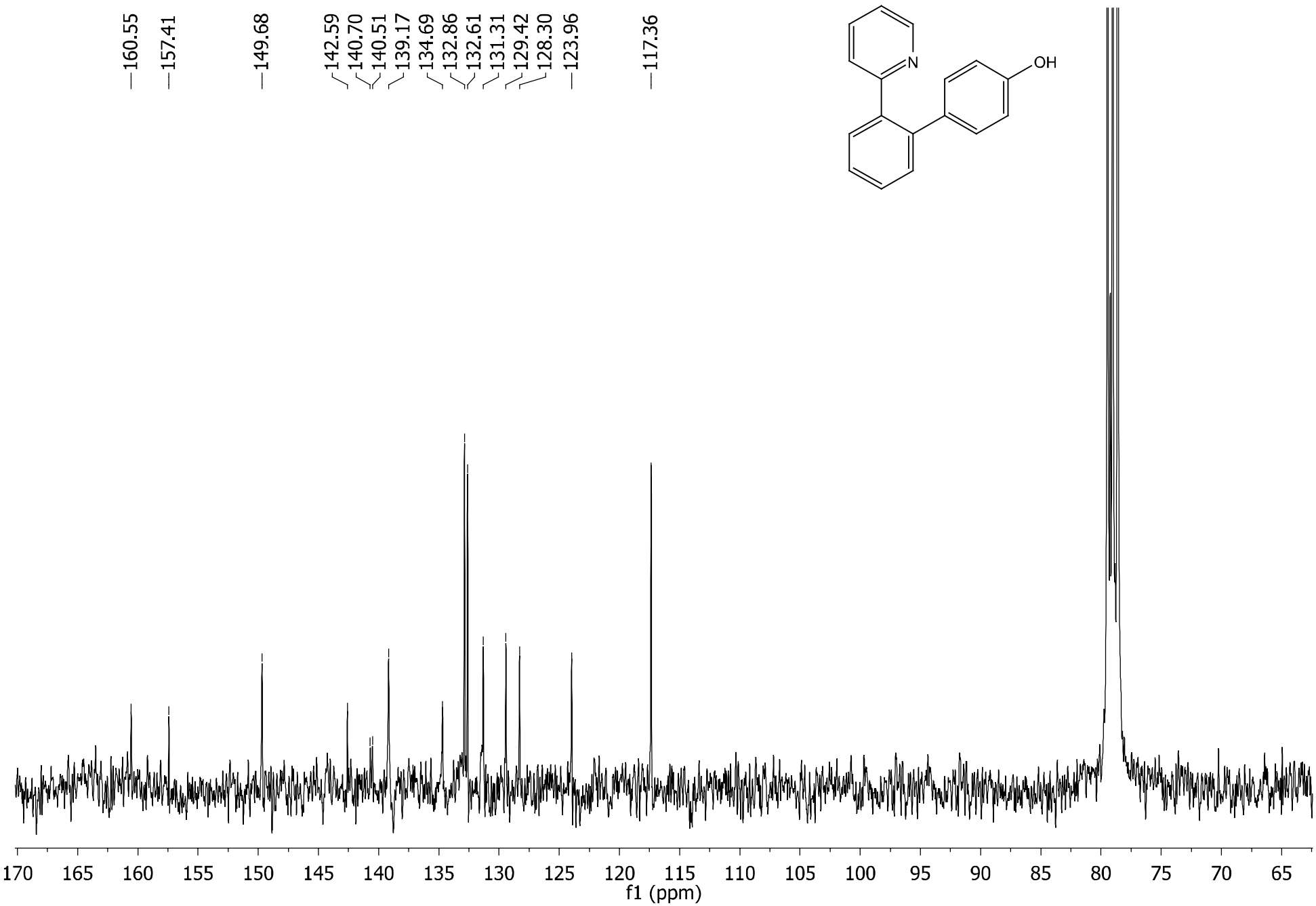
3.5
3.0
2.5
f1 (ppm)
N
OH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142.59
140.70
140.51
139.17
134.69
132.86
132.61
131.31
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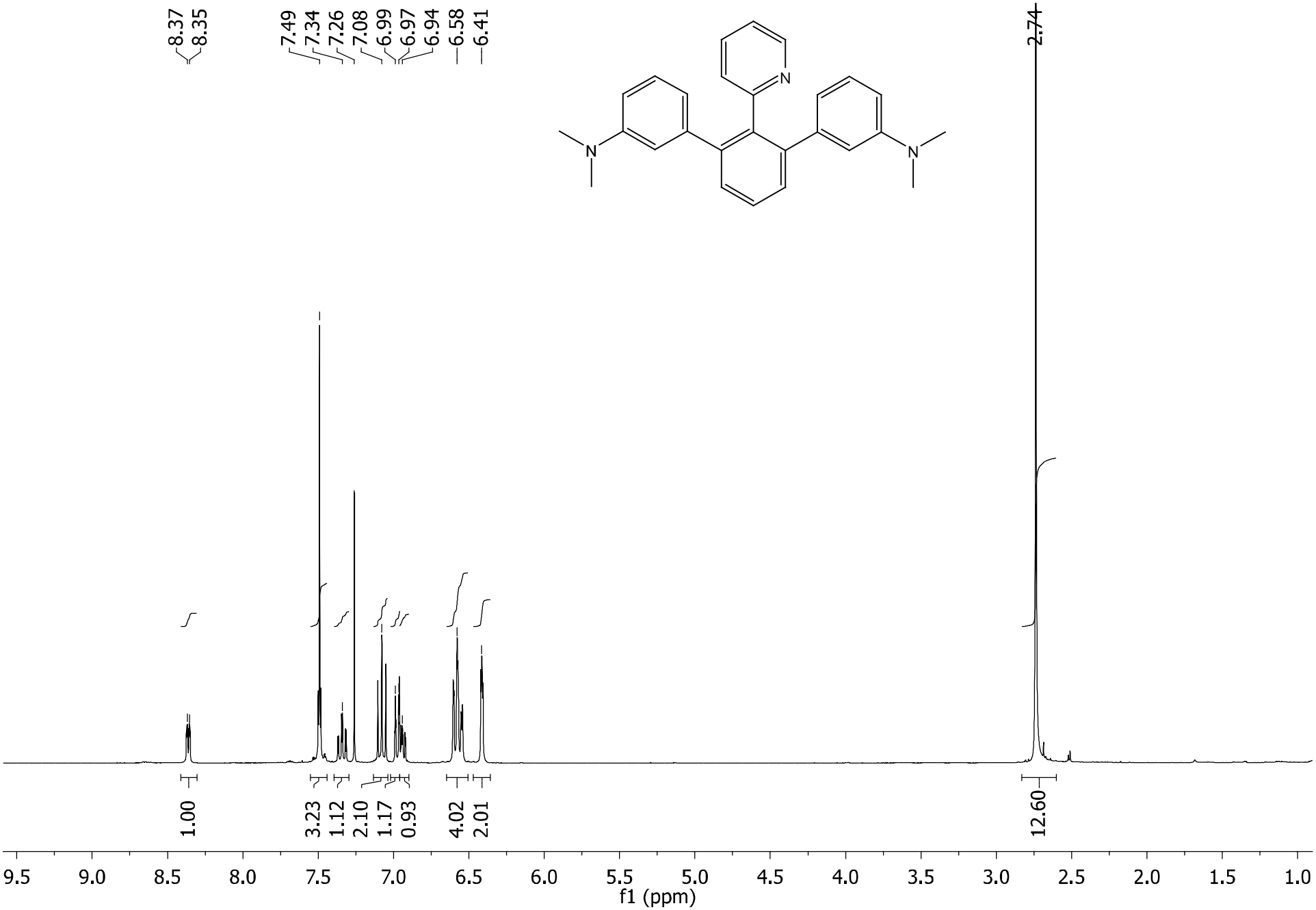
128.30
123.96
117.36
N
OH
170 165 160 155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65
f1 (ppm)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N
N
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3.23
1.12
2.10
1.17
0.93
4.02
2.01
12.60
9.5
9.0
8.5
8.0
7.5
7.0
6.5
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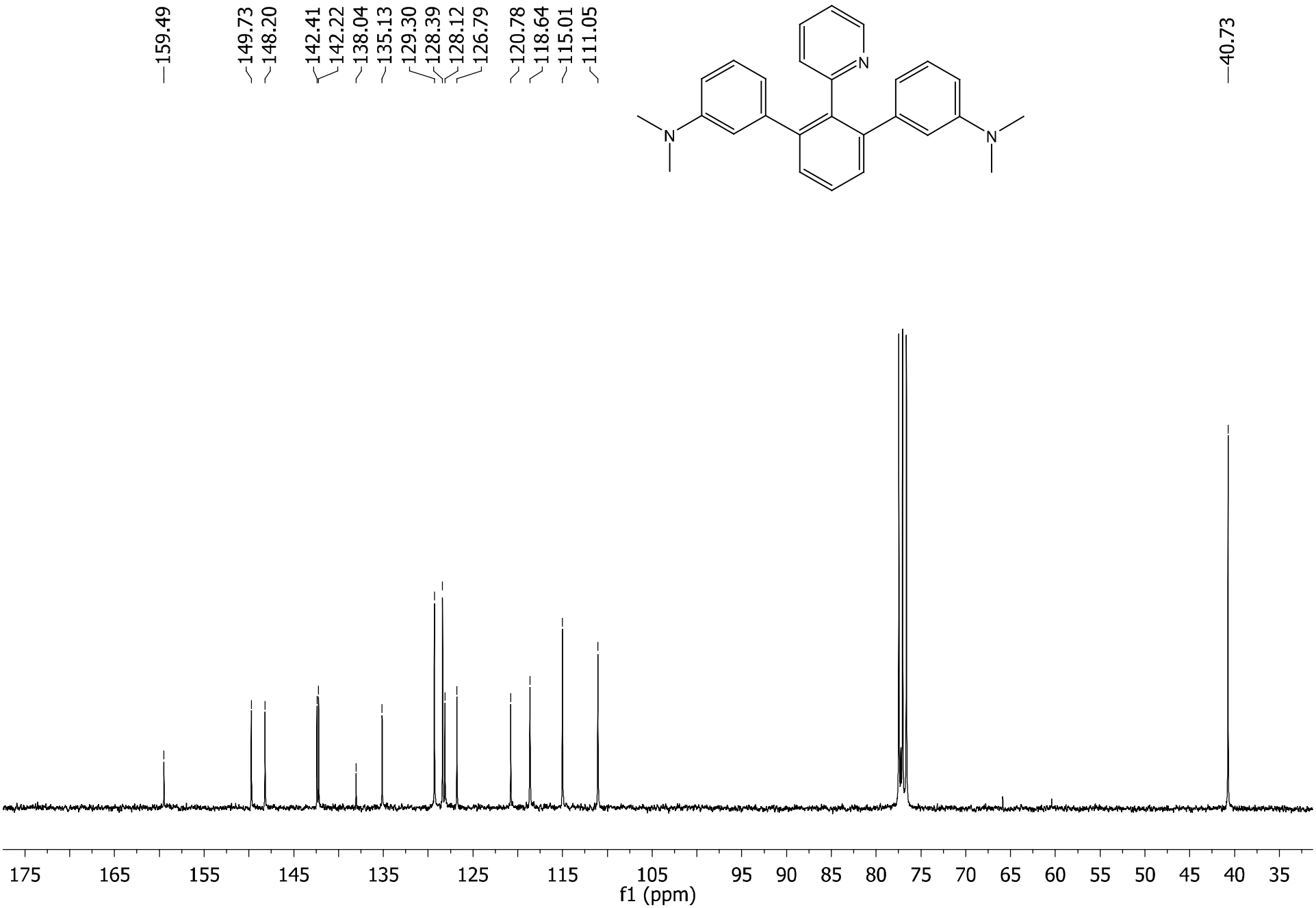
1.0
f1 (ppm)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135.13
129.30
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128.12
126.79
120.78
118.64
115.01
111.05
40.73
N
N
N
175
165
155
145
135
125
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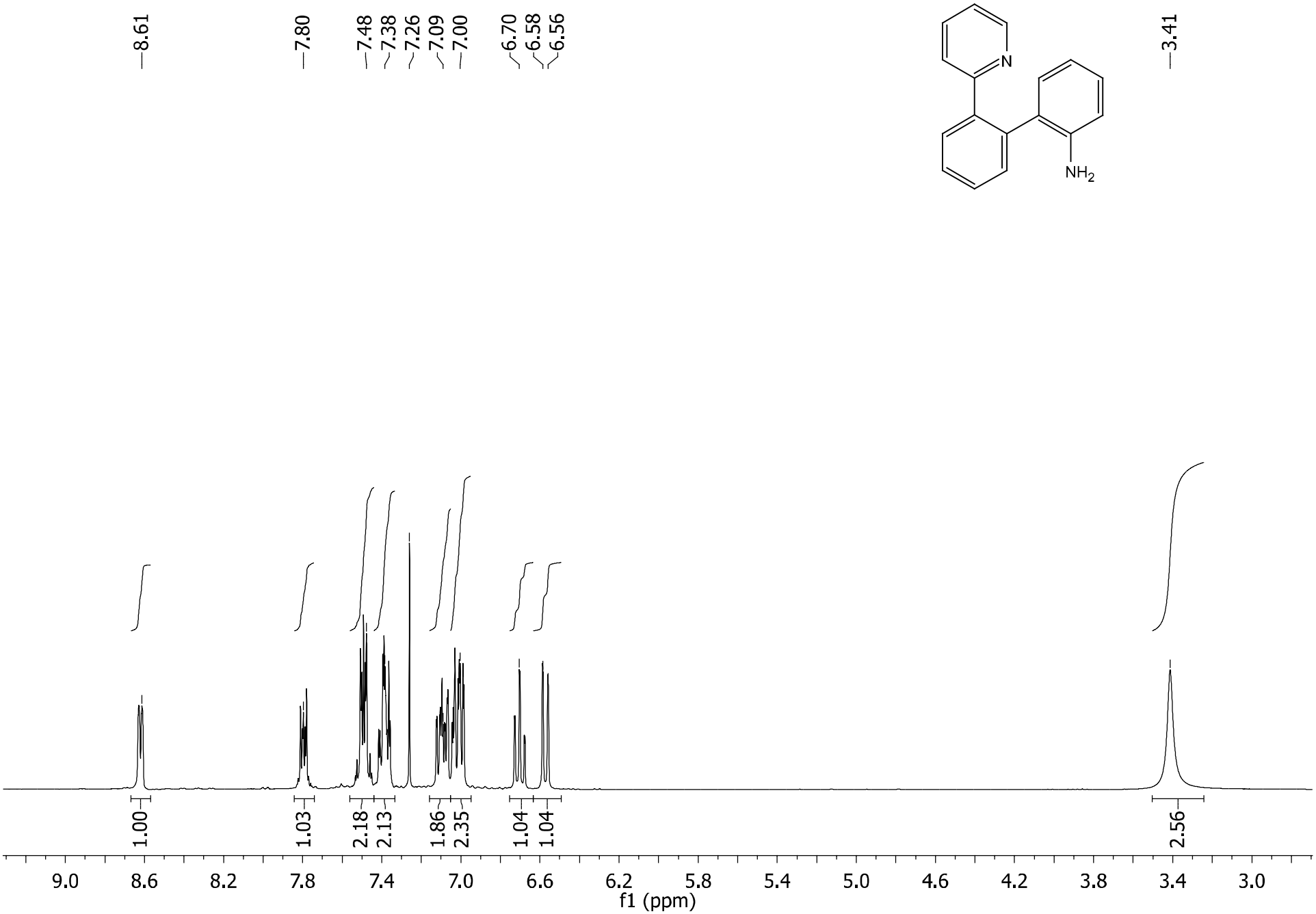
105
95
90
85
80
75
70
65
60
55
50
45
40
35
f1 (ppm)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7.26
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3.41
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NH2
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1.03
2.18
2.13
1.86
2.35
1.04
1.04
2.56
9.0
8.6
8.2
7.8
7.4
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5.8
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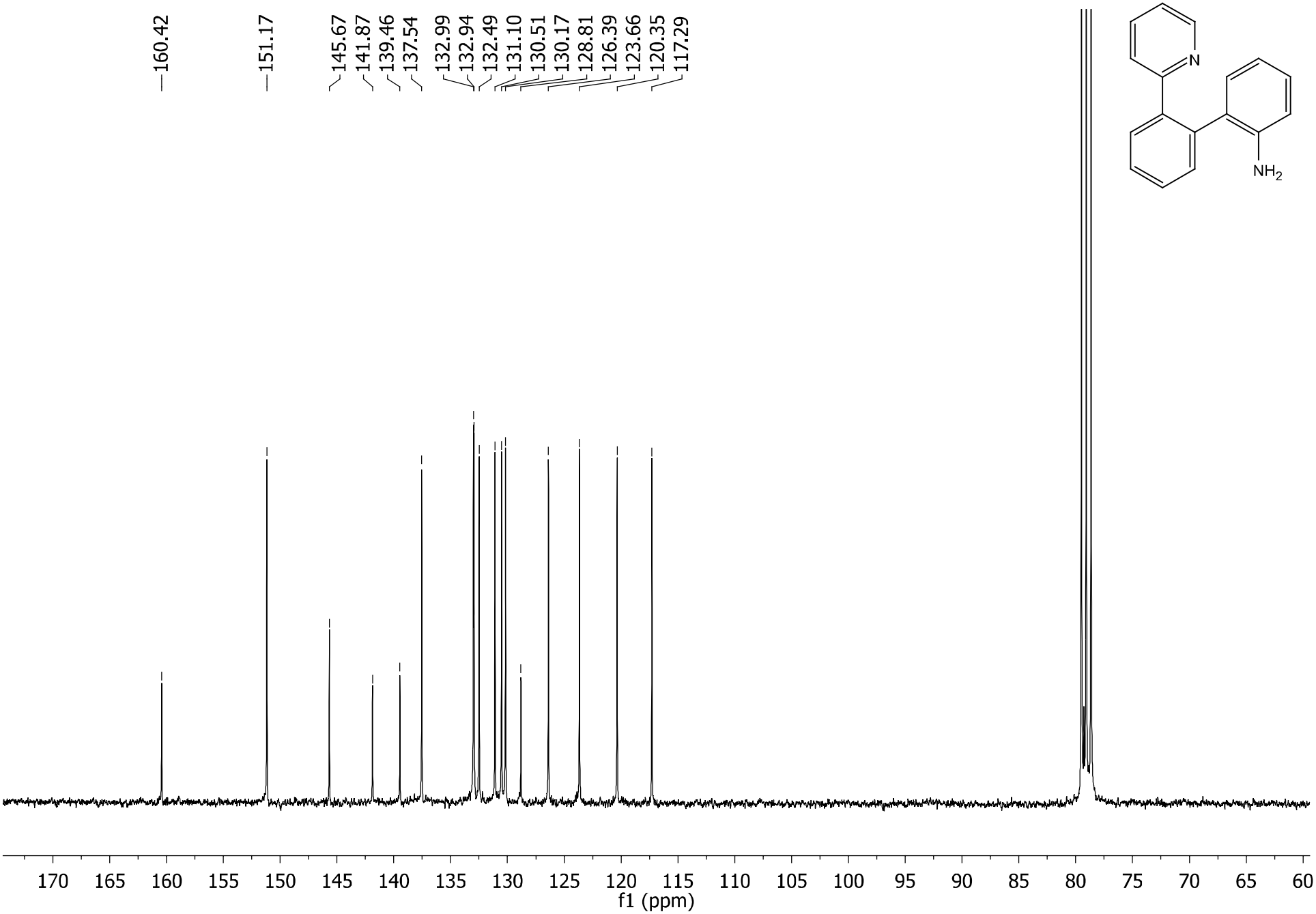
4.2
3.8
3.4
3.0
f1 (ppm)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131.10
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130.17
128.81
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120.35
117.29
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NH2
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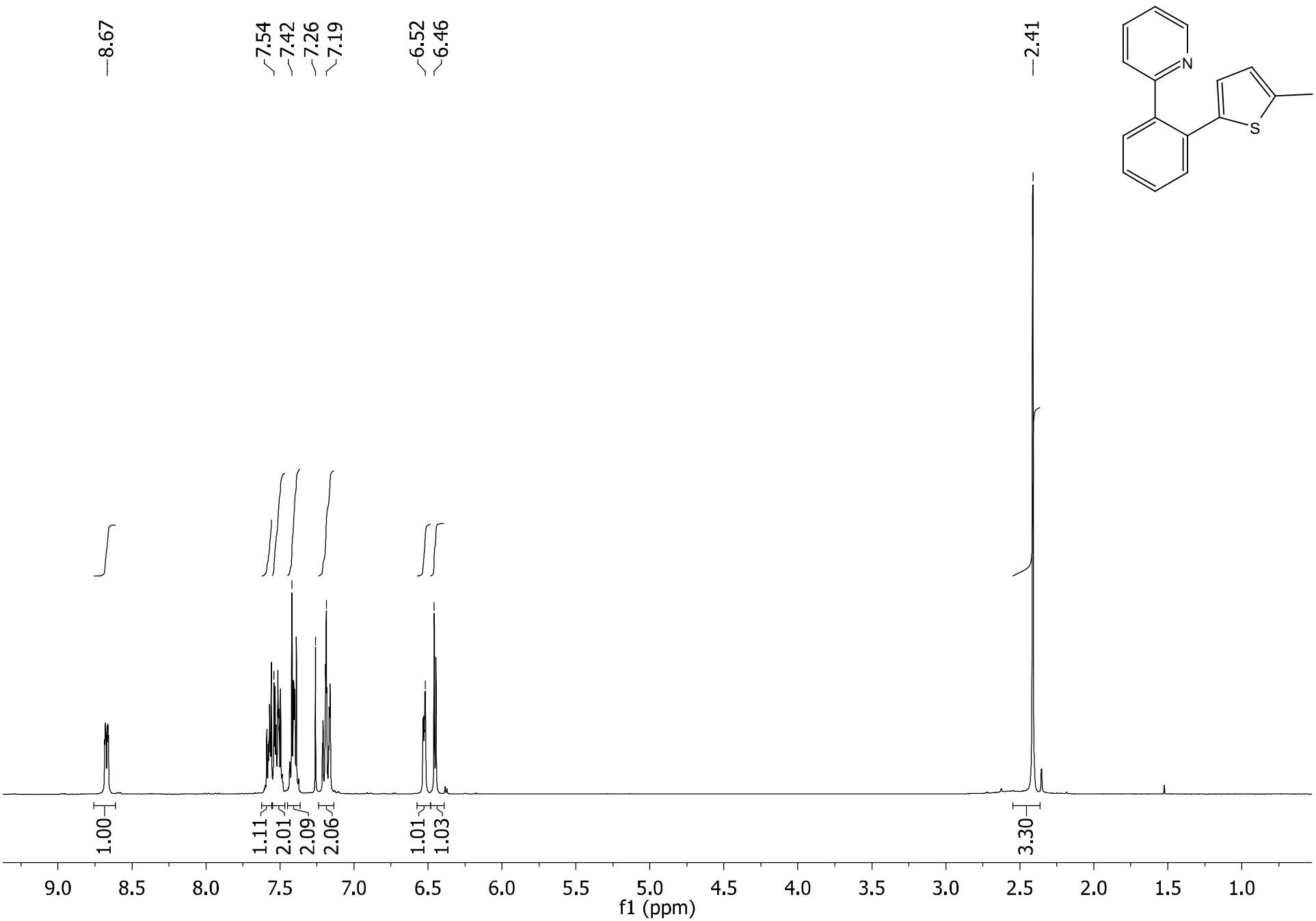
f1 (ppm)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6.46
2.41
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S
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2.01
2.09
2.06
1.01
1.03
3.30
9.0
8.5
8.0
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7.0
6.5
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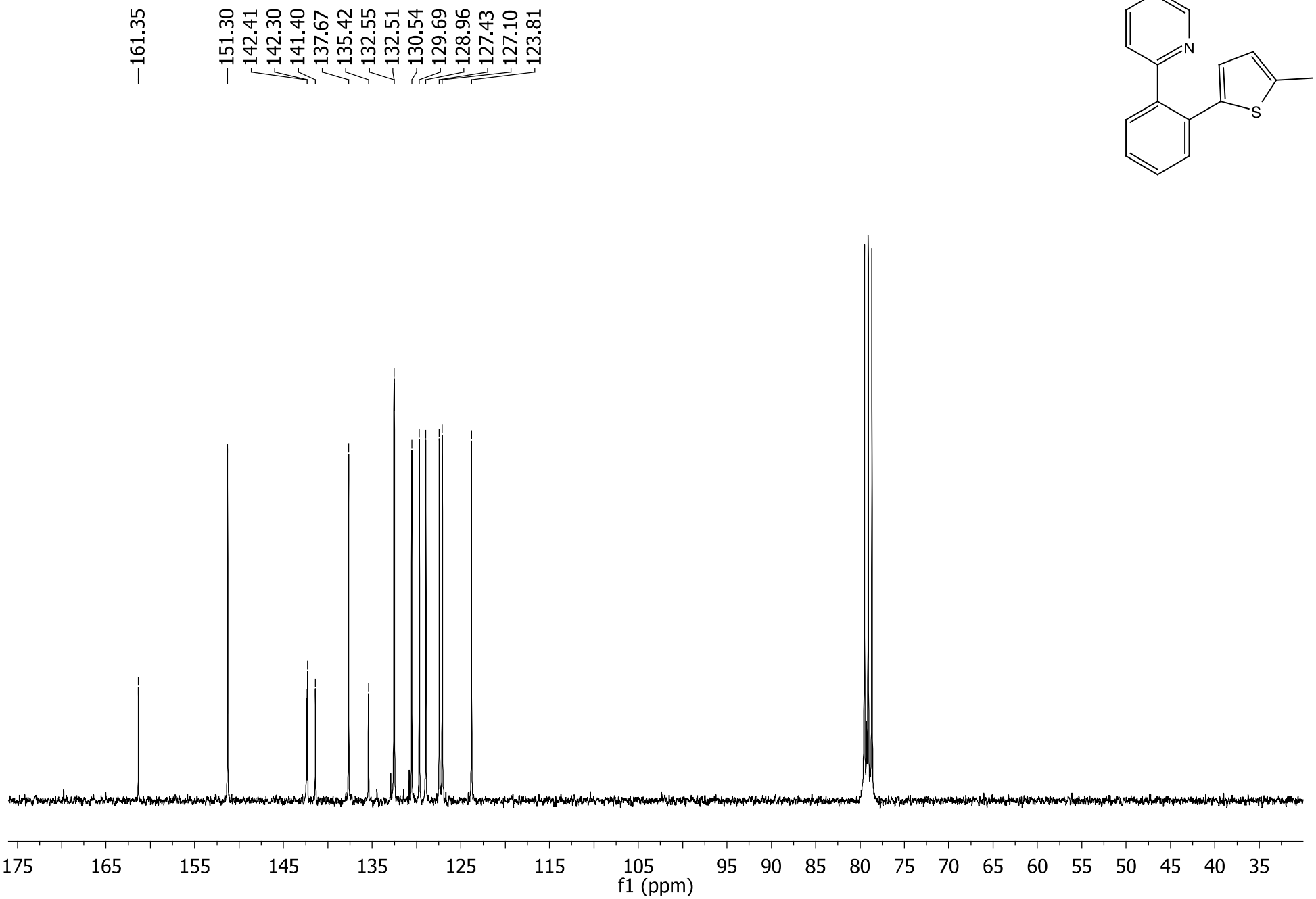
2.5
2.0
1.5
1.0
f1 (ppm)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142.41
142.30
141.40
137.67
135.42
132.55
132.51
130.54
129.69
128.96
127.43
127.10
123.81
N
S
175
165
155
145
135
125
115
105
95
90
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80
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70
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60
55
50
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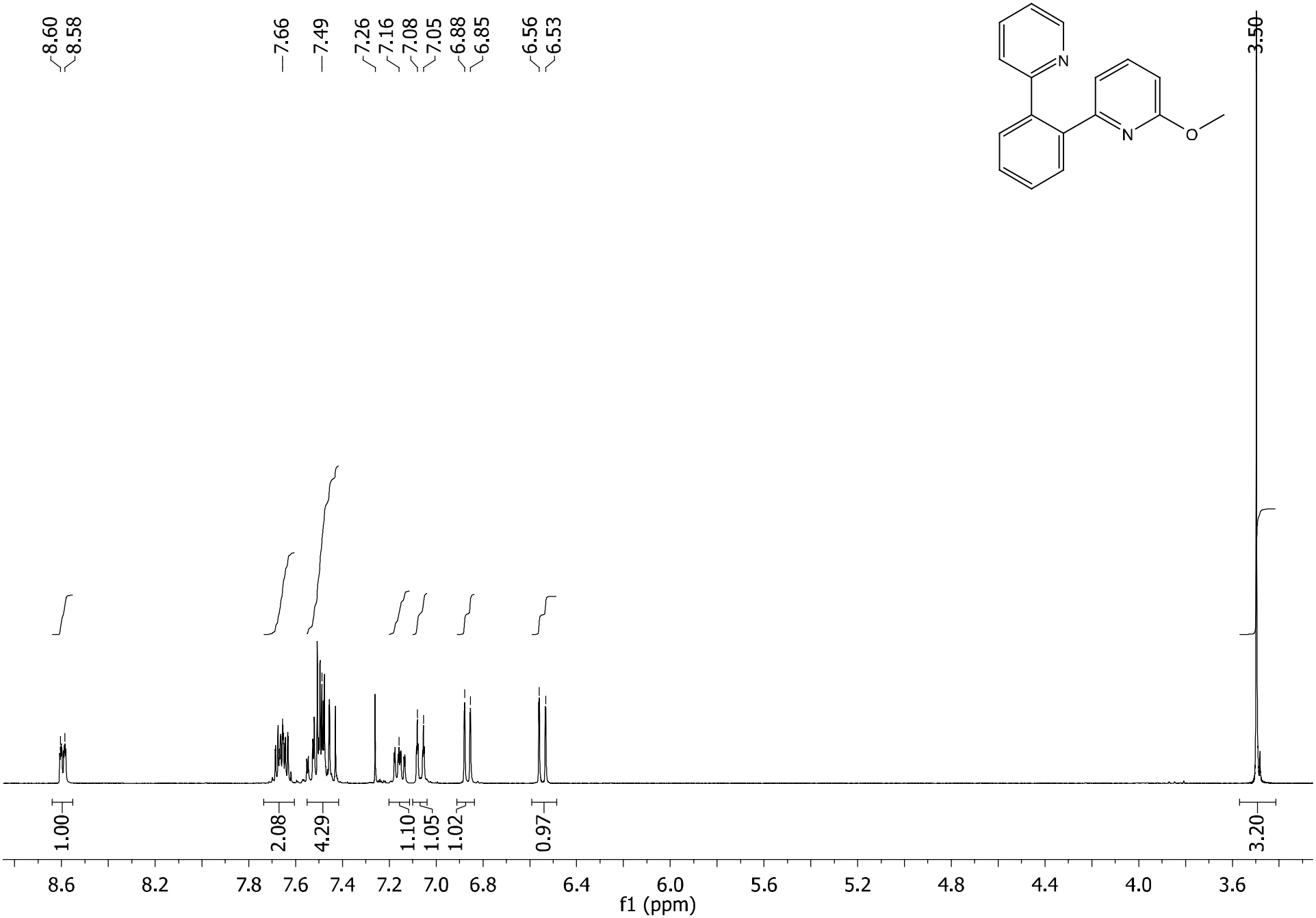
40
35
f1 (ppm)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6.85
6.56
6.53
3.50
N
N
O
1.00
2.08
4.29
1.10
1.05
1.02
0.97
3.20
8.6
8.2
7.8
7.6
7.4
7.2
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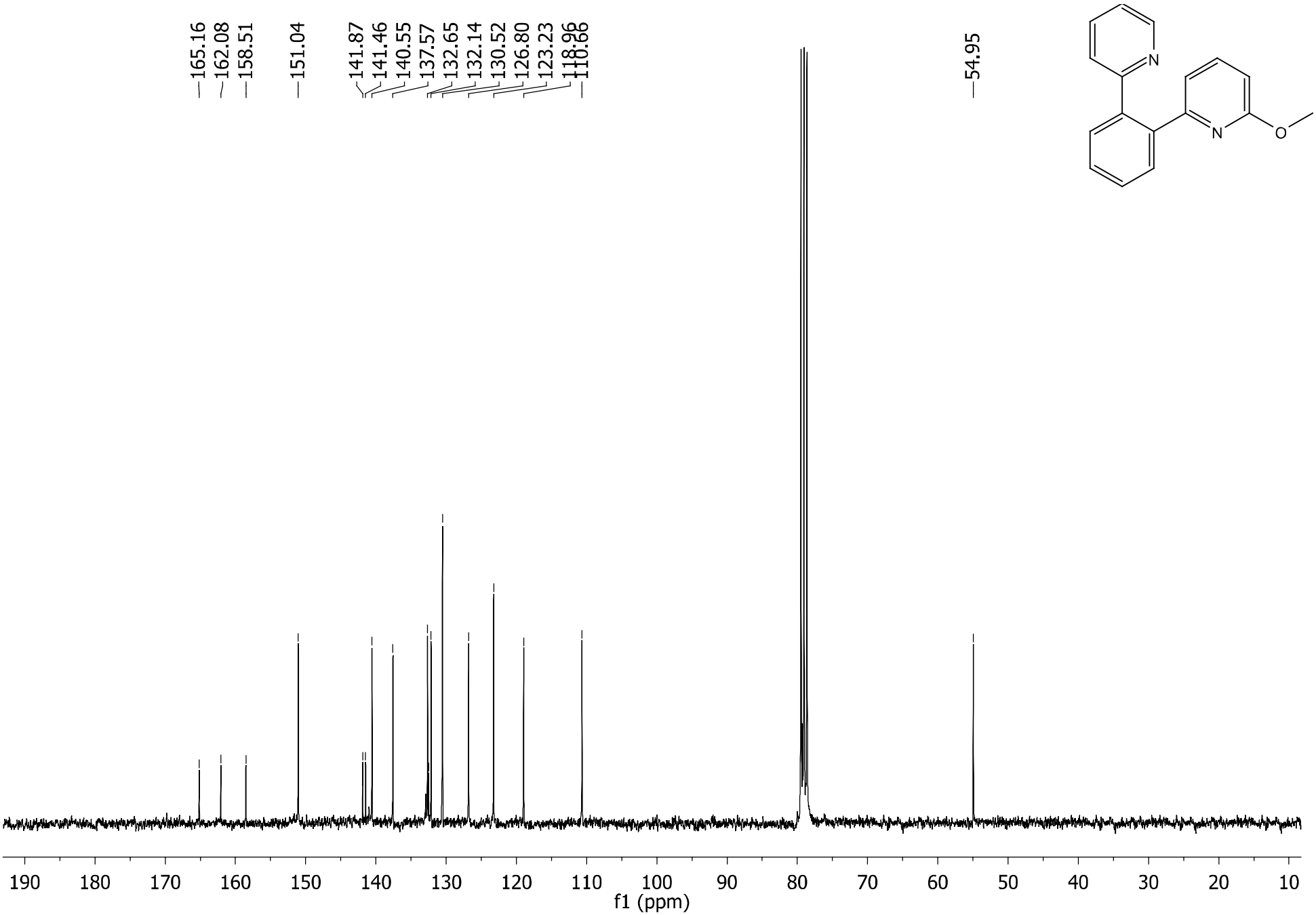
6.4
6.0
5.6
5.2
4.8
4.4
4.0
3.6
f1 (ppm)


165.16
162.08
158.51
151.04
141.87
141.46
140.55
137.57
132.65
132.14
130.52
126.80
123.23
118.96
110.66
54.95
N
N
O
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
f1 (ppm)

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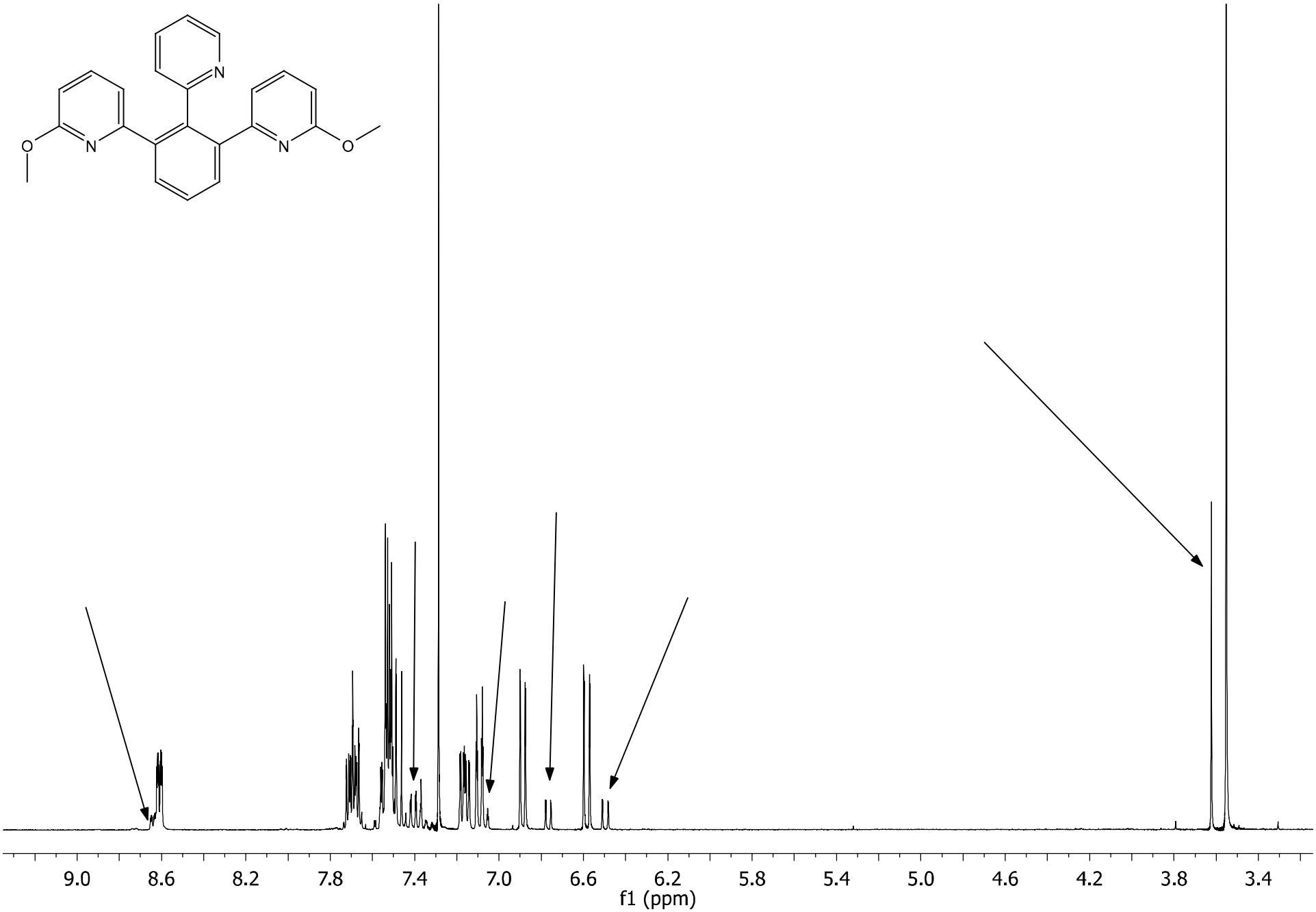

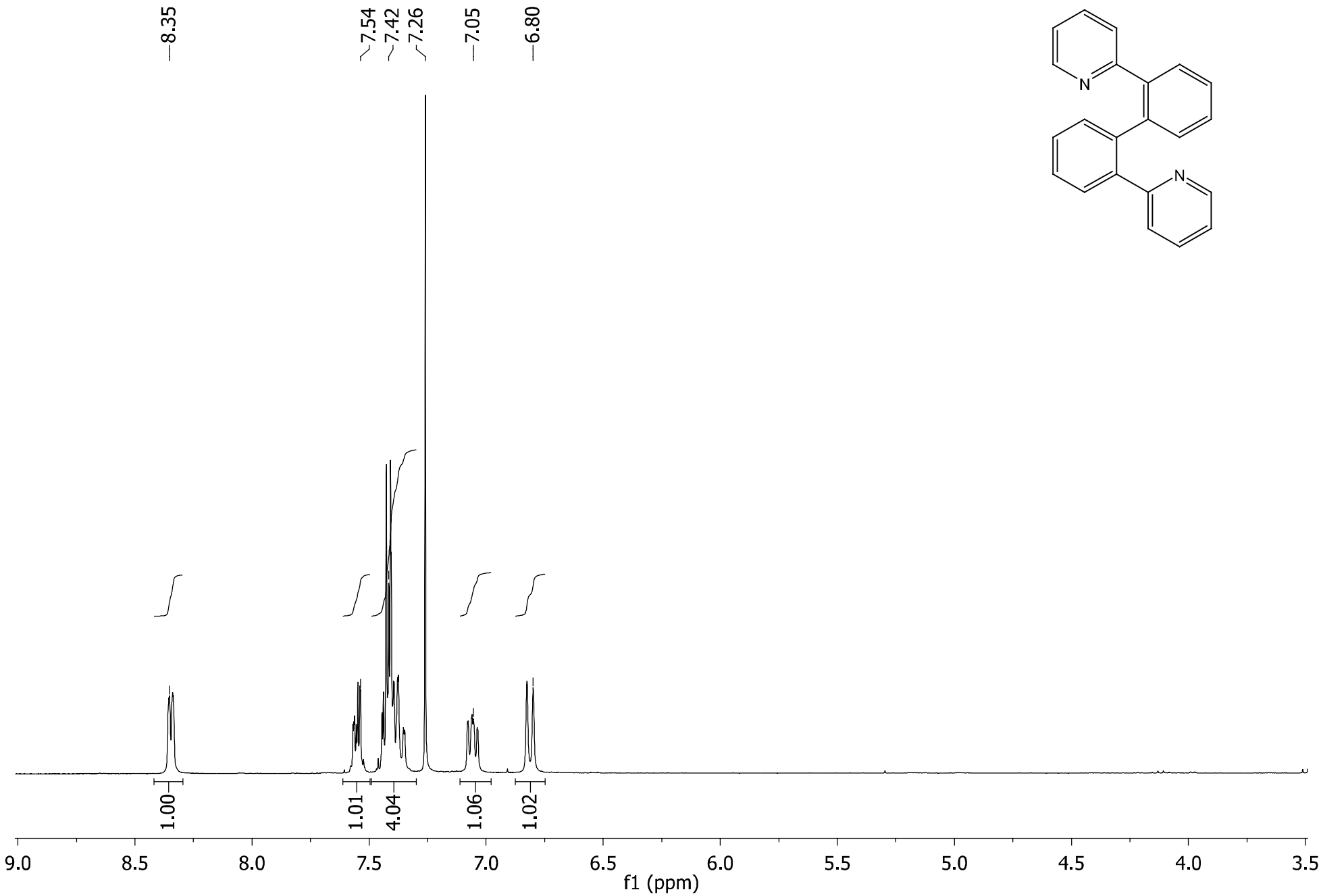
8.35
7.54
7.42
7.26
7.05
6.80
1.00
1.01
4.04
1.06
1.02
9.0
8.5
8.0
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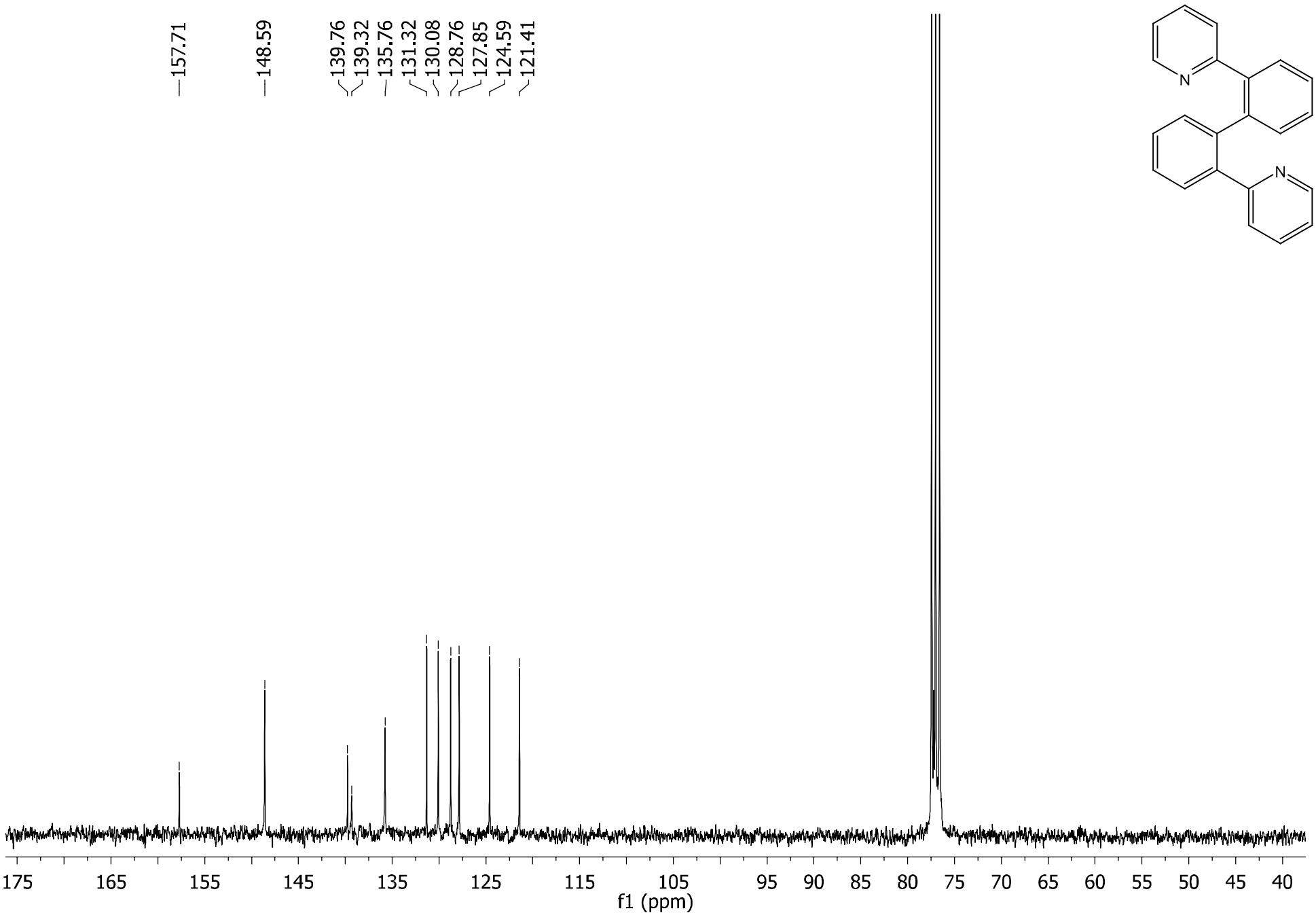
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
f1 (ppm)
N
N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N
N
175
165
155
145
135
125
115
105
95
90
85
80
75
70
65
60
55
50
45
40
f1 (ppm)