

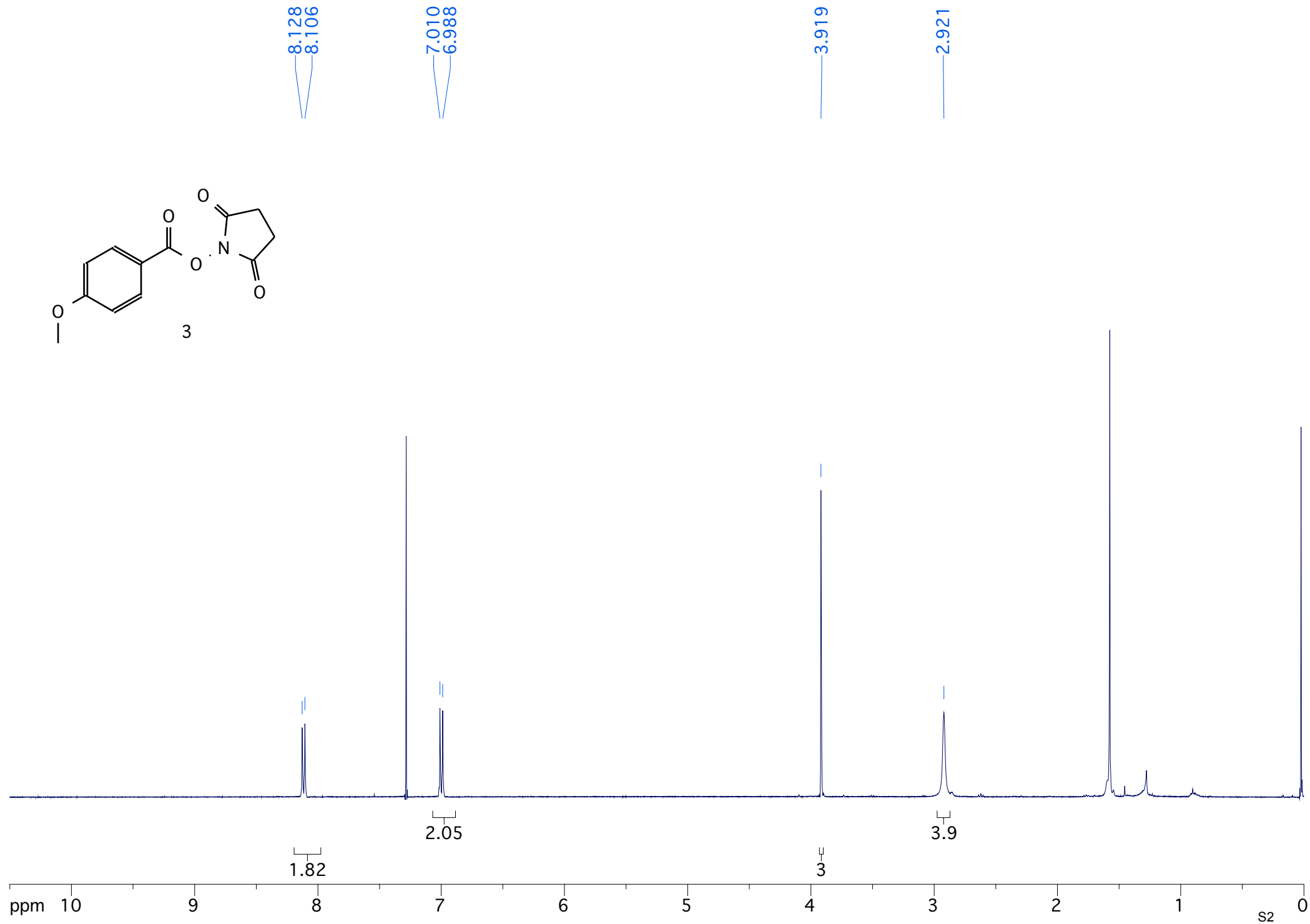
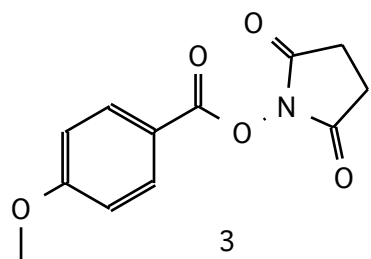
A Copper-Catalysed Amidation of Aldehydes *via* *N*-Hydroxysuccinimide Ester Formation

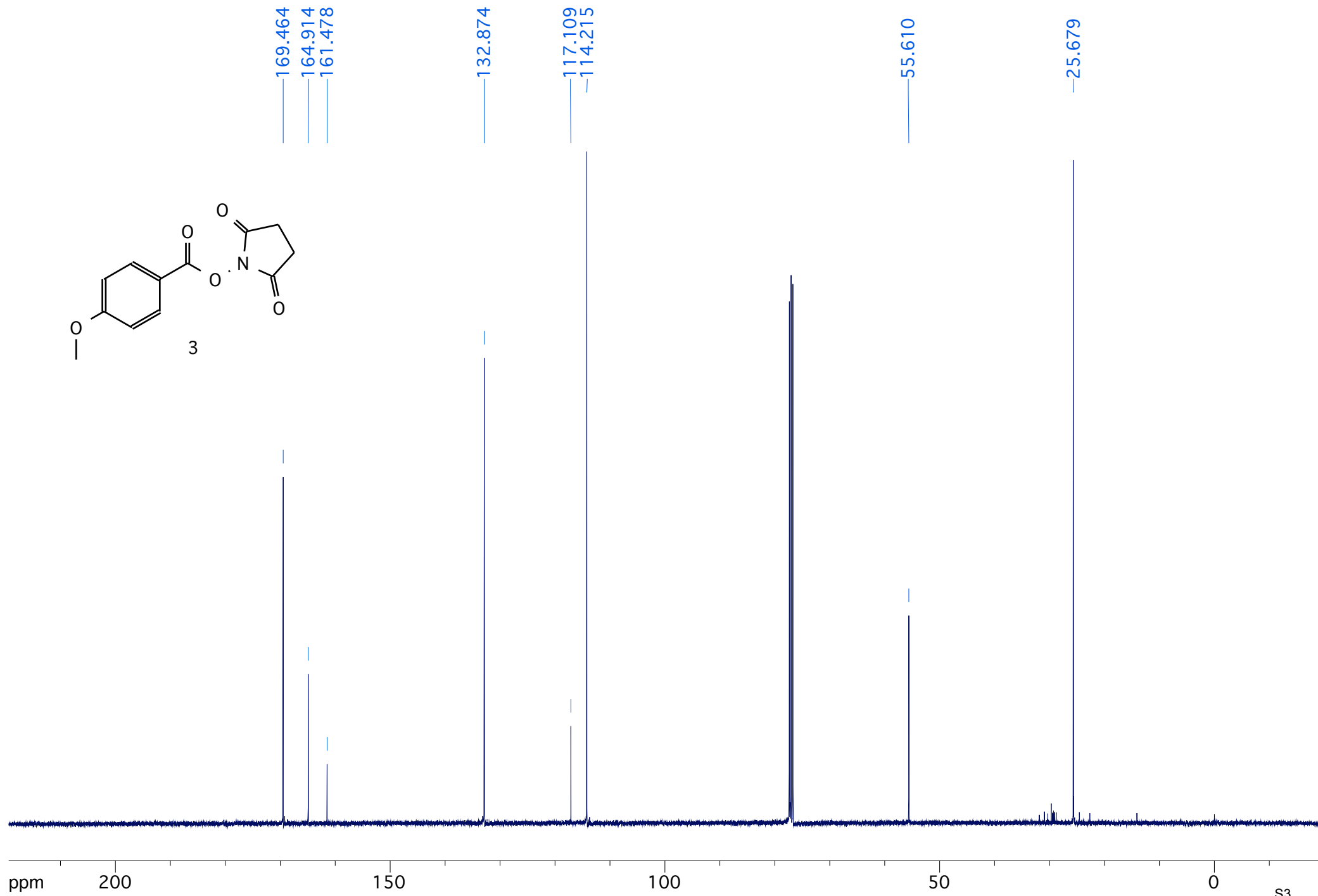
Monica Pilo, Andrea Porcheddu and Lidia De Luca*

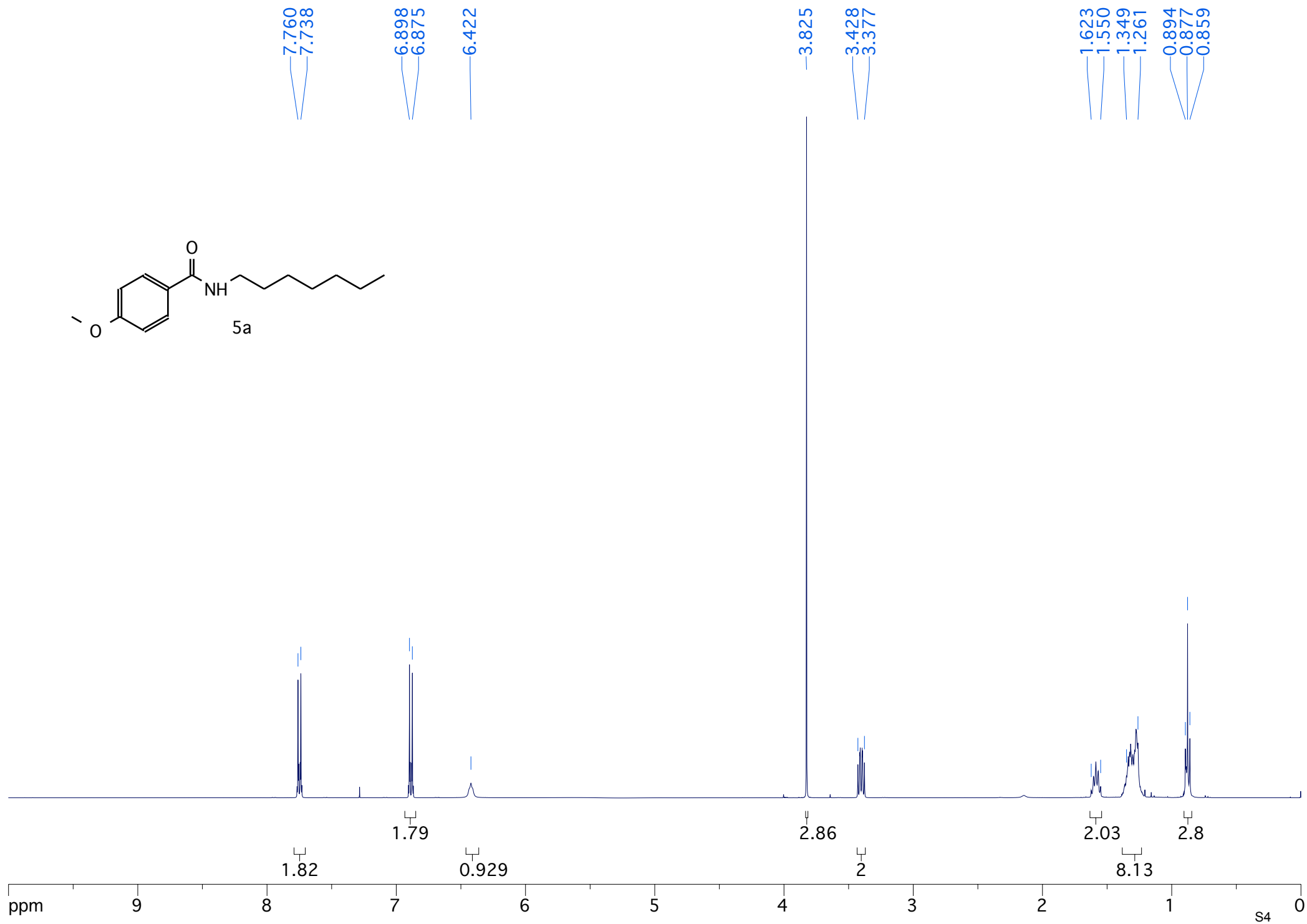
Dipartimento di Chimica e Farmacia, Università degli Studi di Sassari, Via Vienna 2, 07100
Sassari, Italy

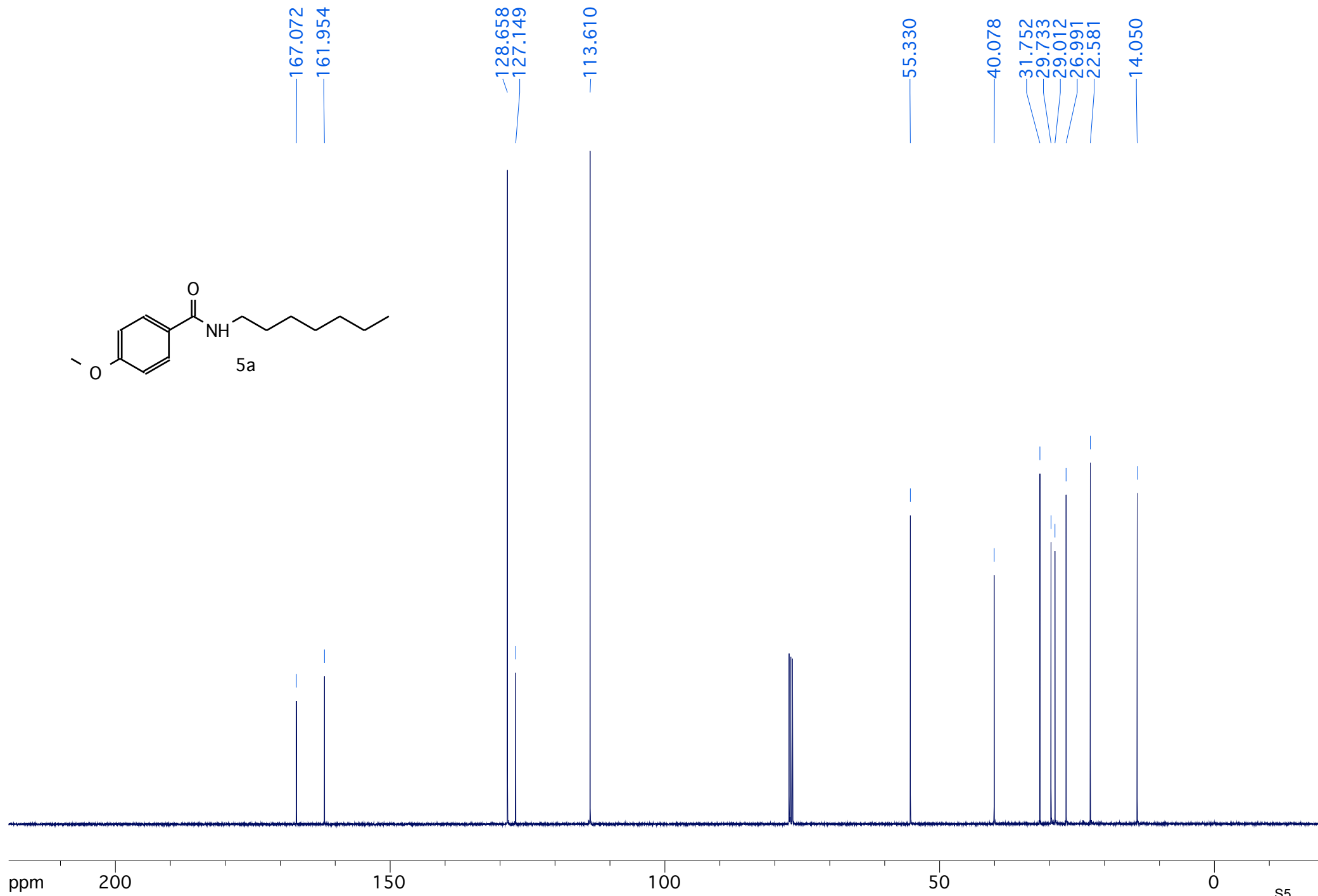
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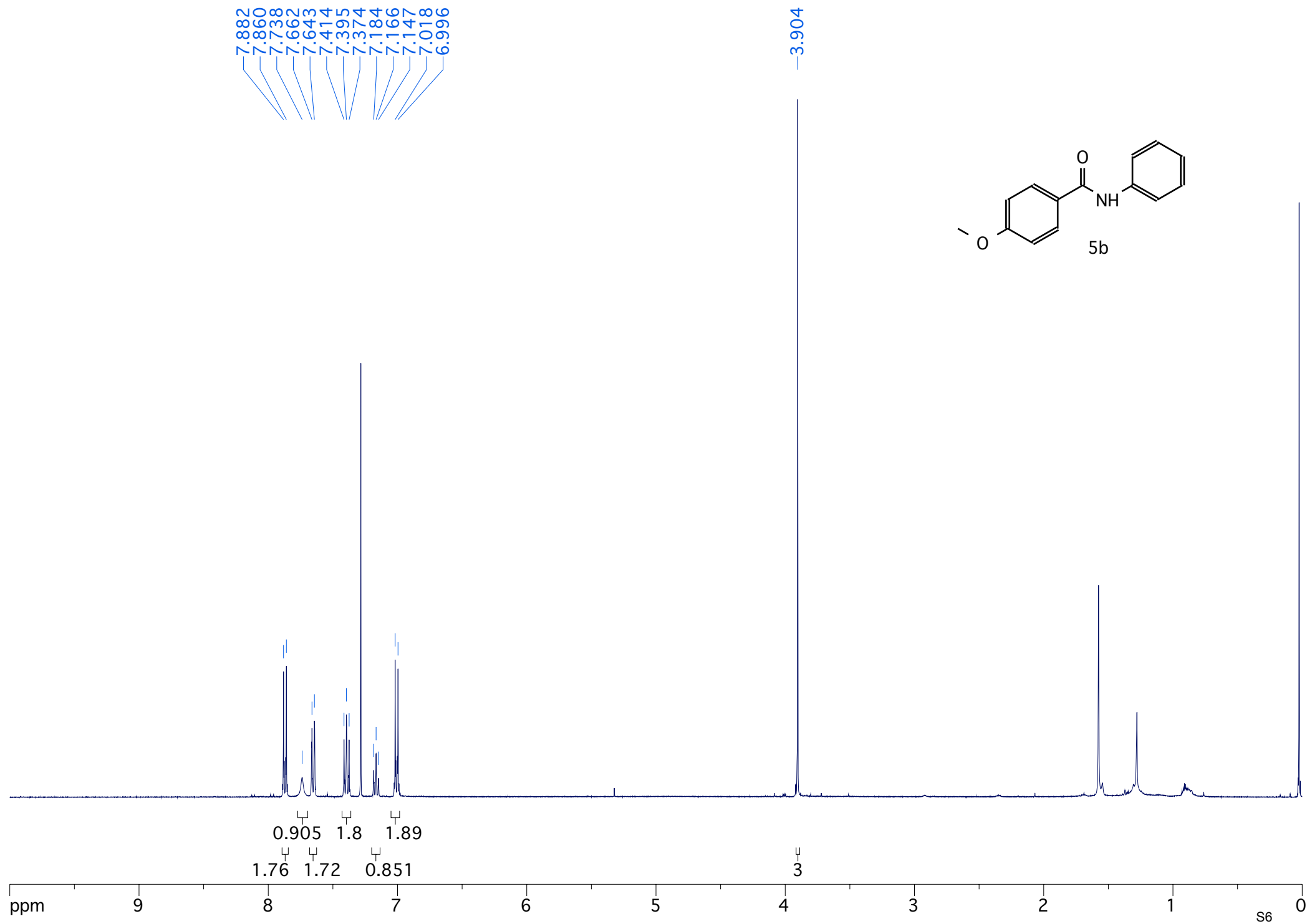
¹ H and ¹³ C NMR spectra of all compounds	S2-S43
Chiral HPLC analysis of <i>N</i> -benzoyl <i>L</i> -valine methyl ester	S44-S45

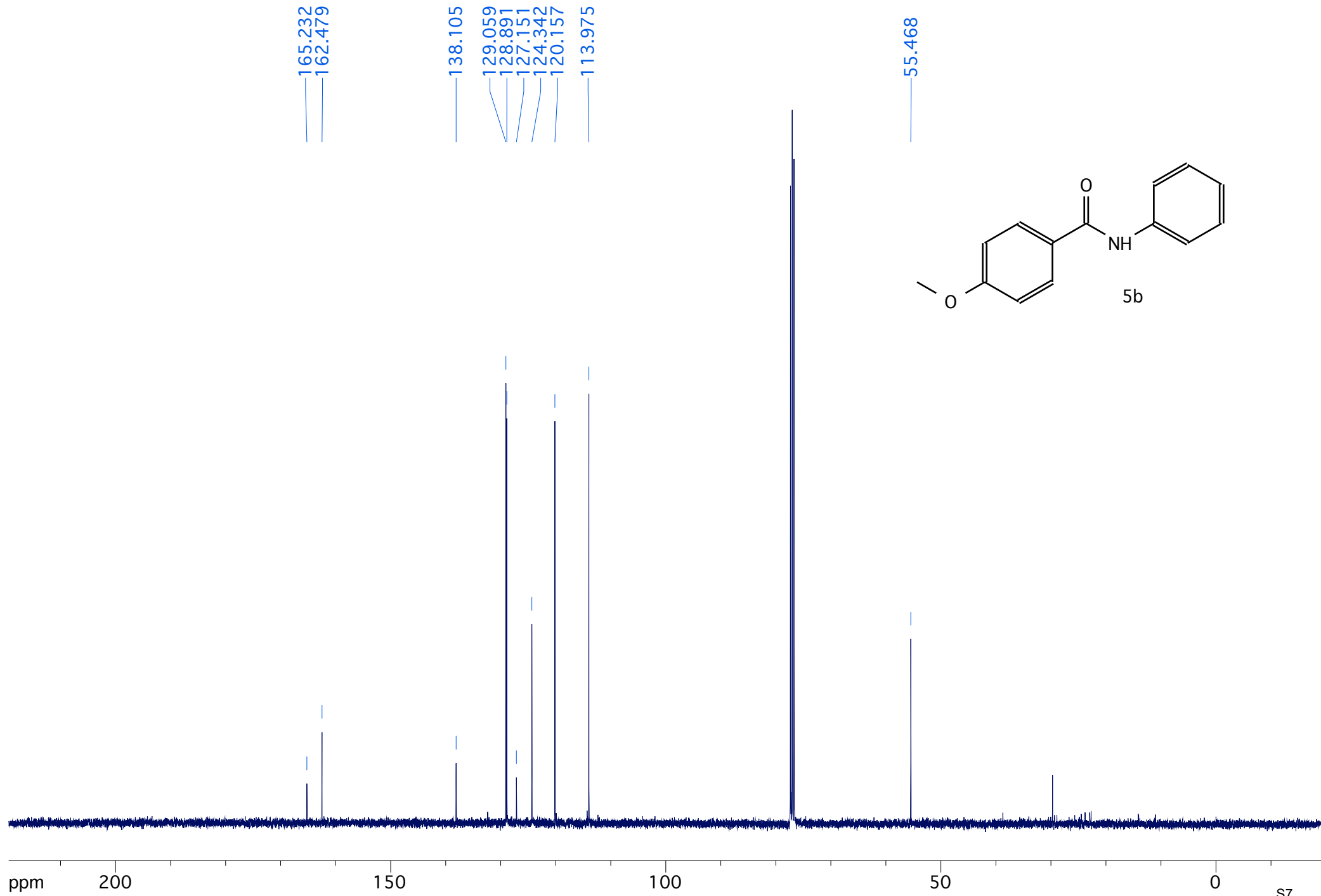


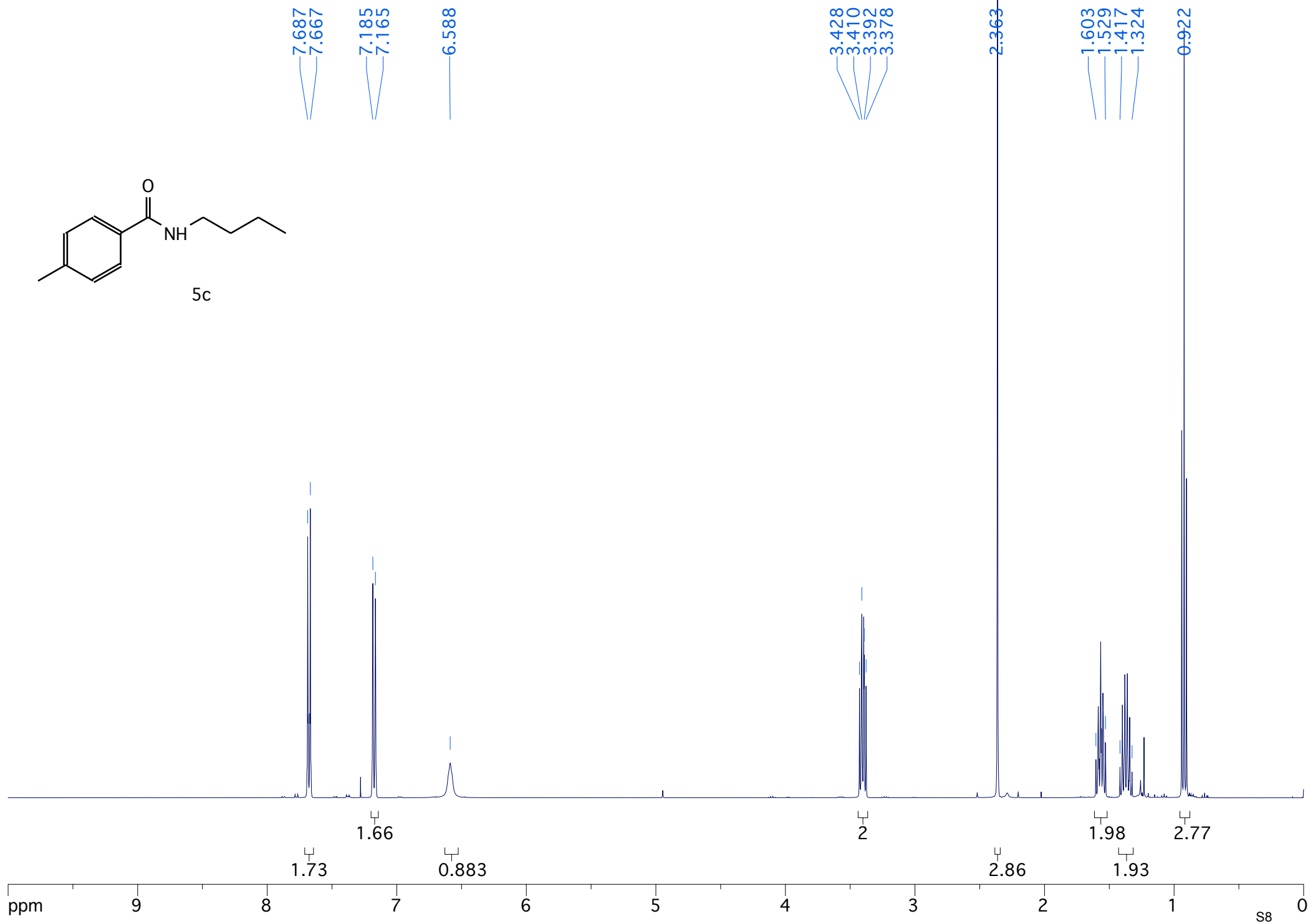
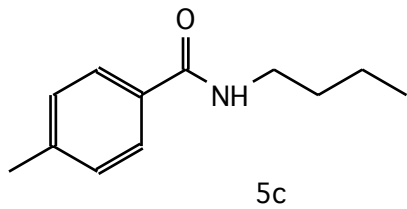


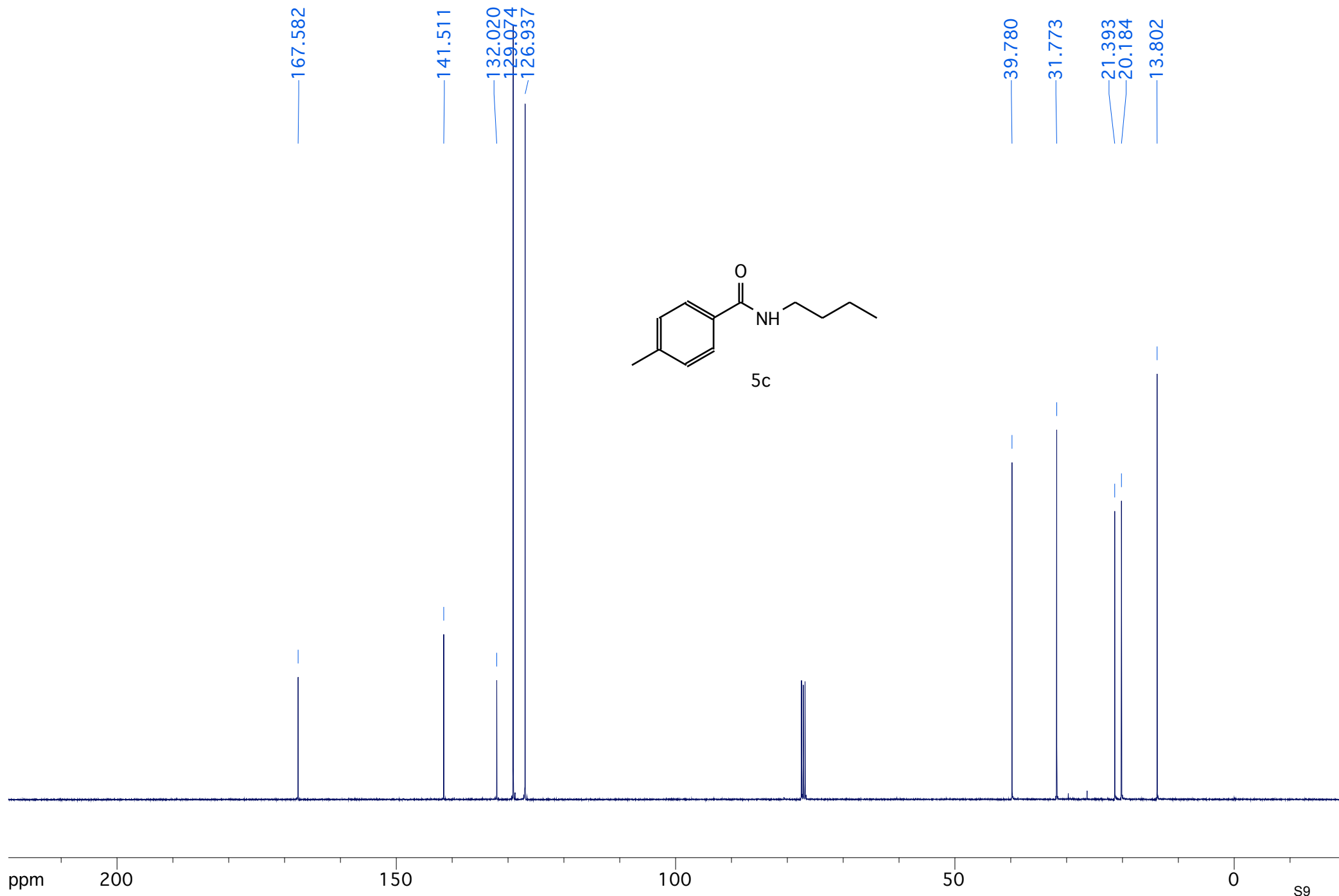


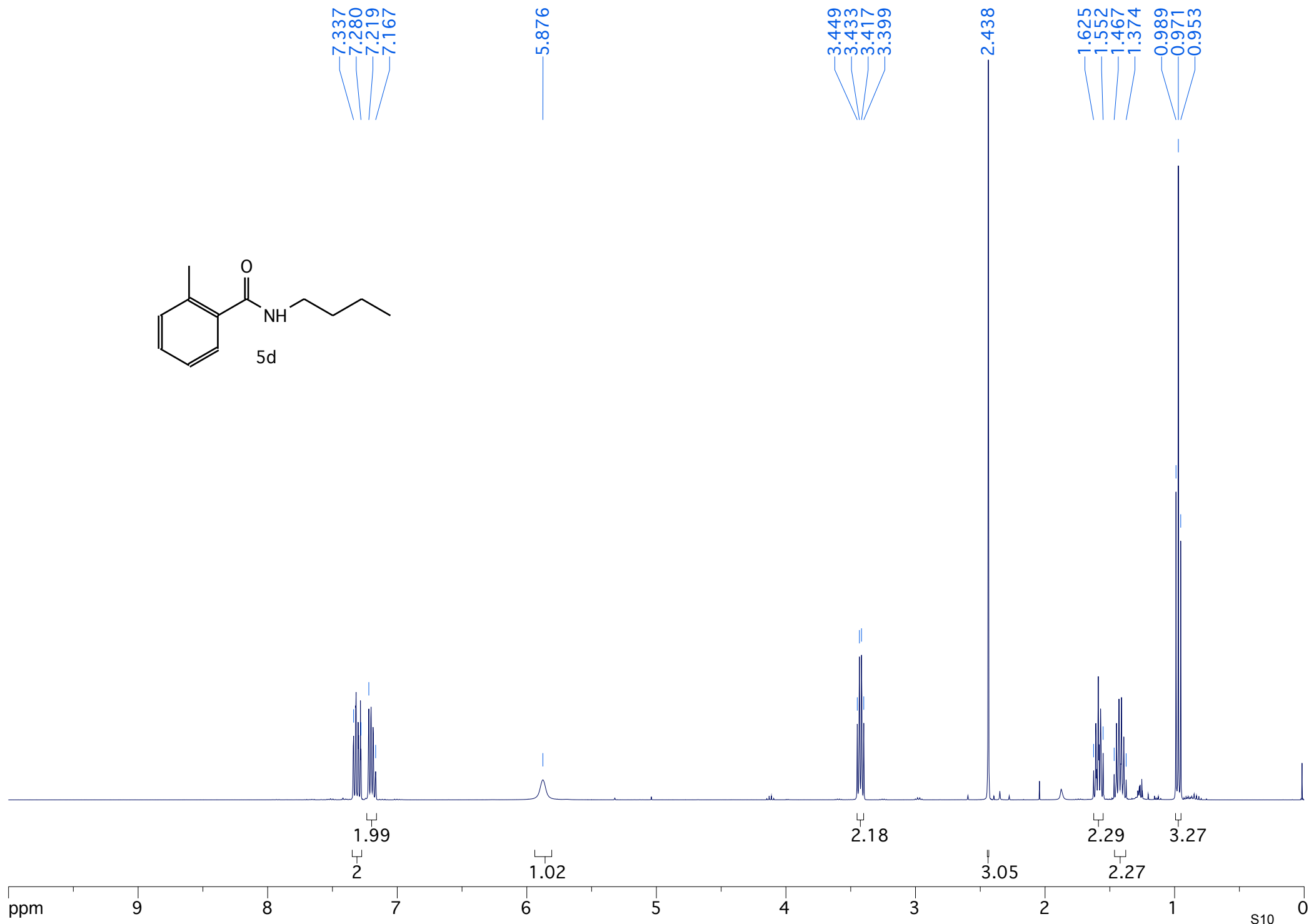
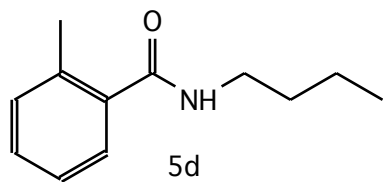


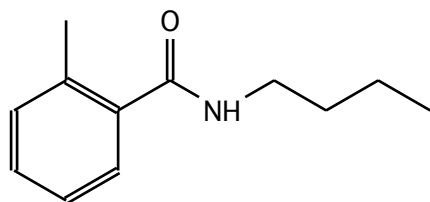




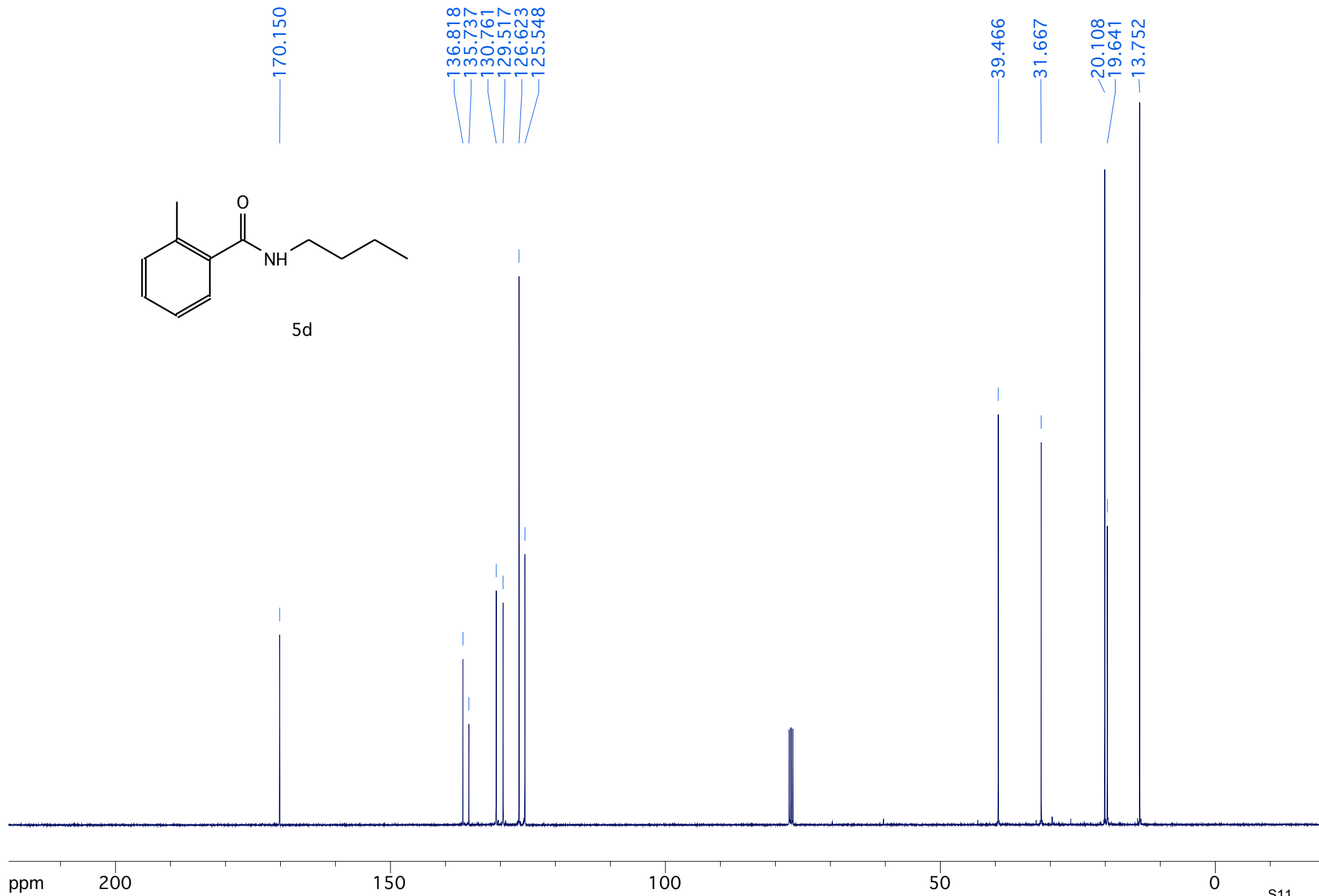


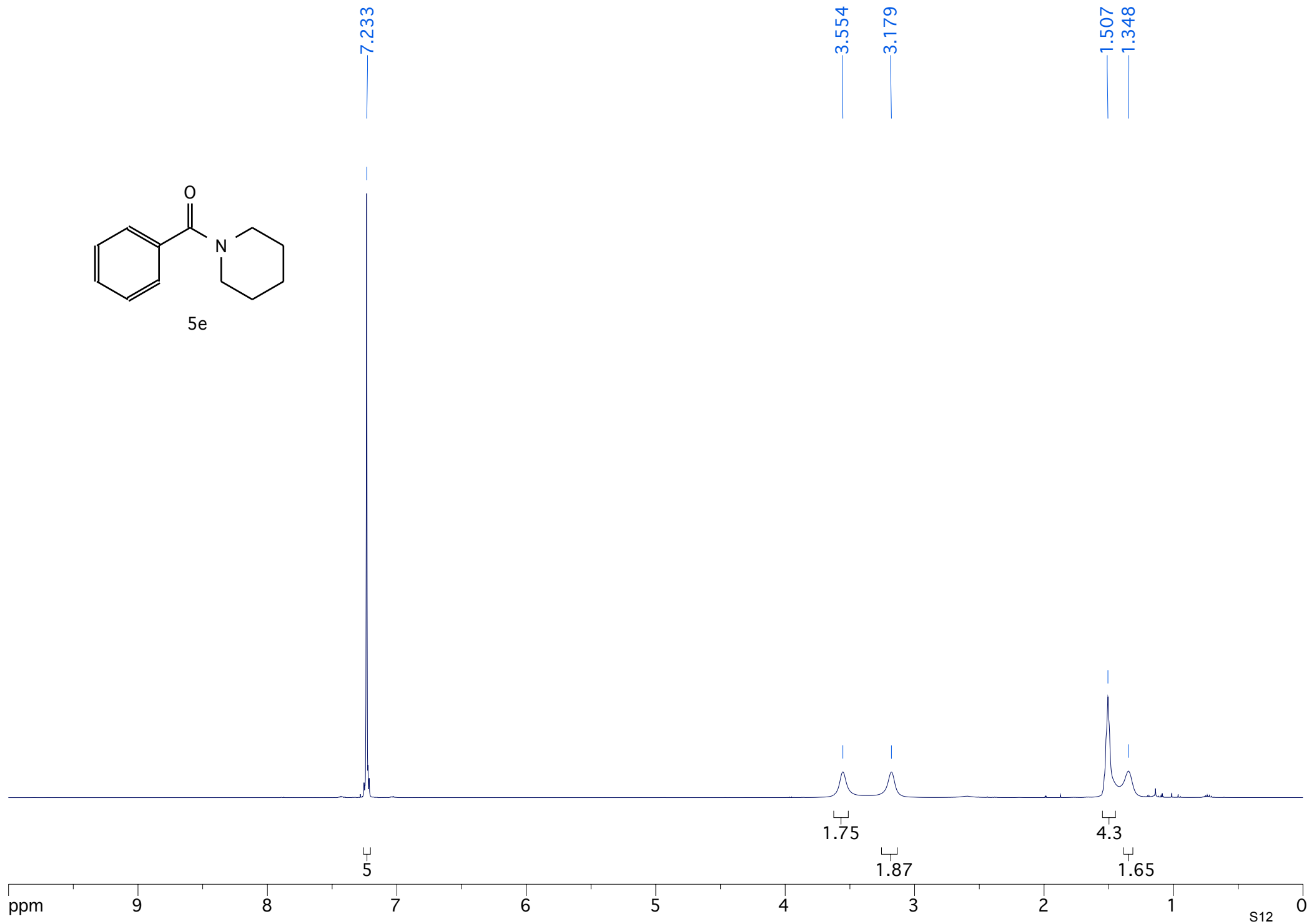
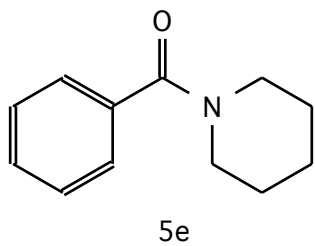


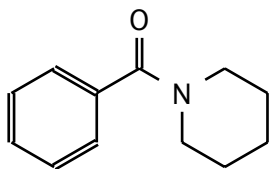




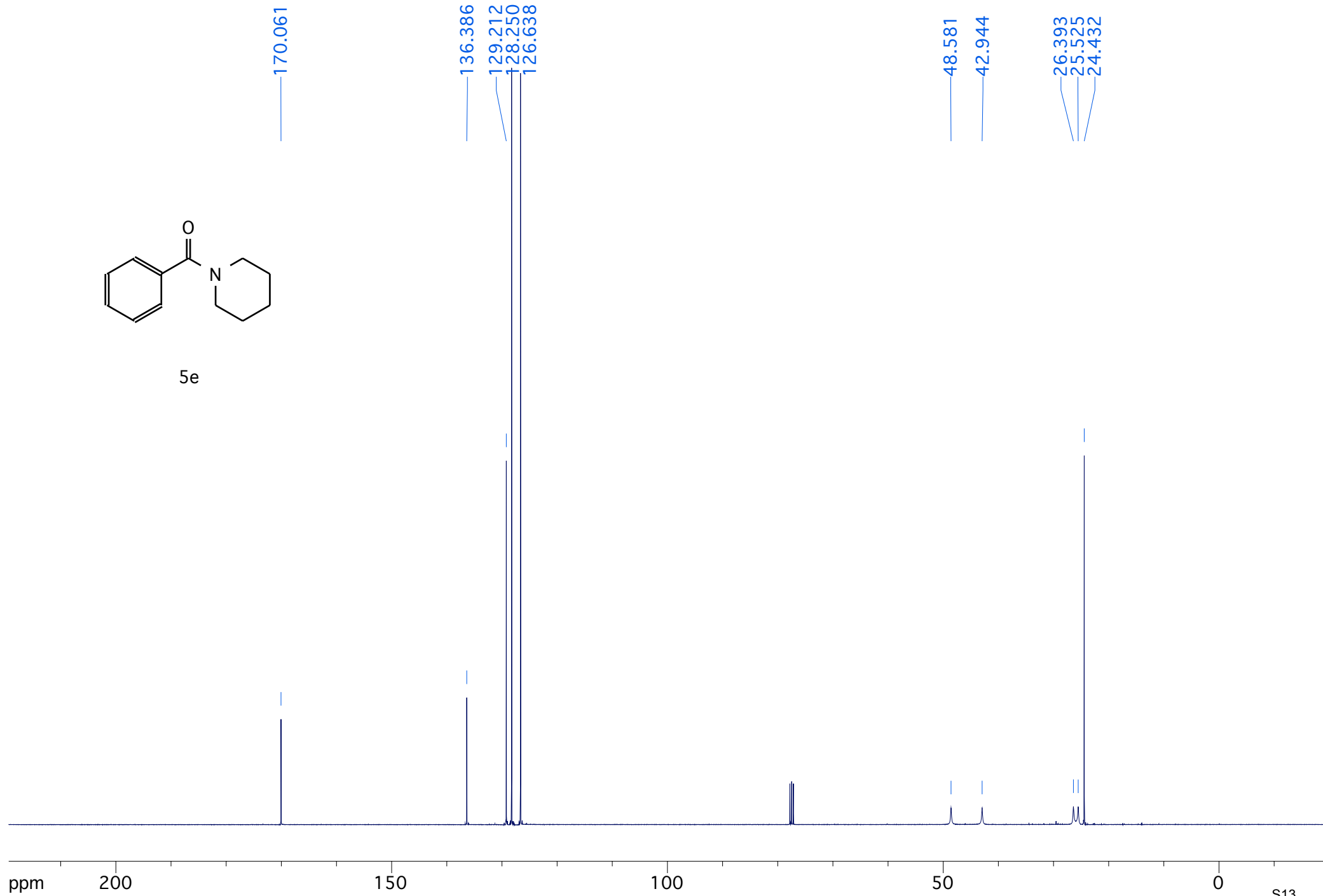
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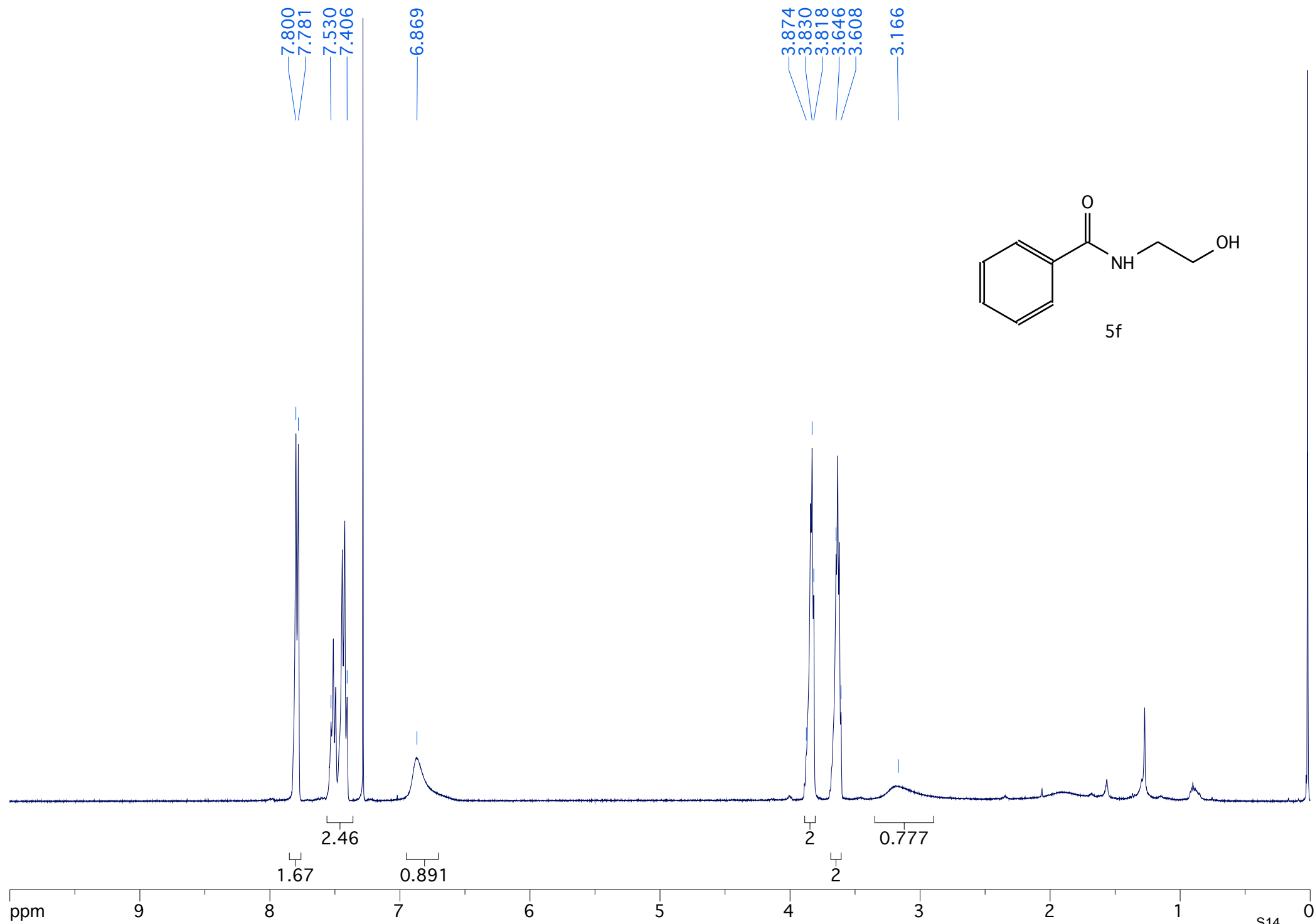


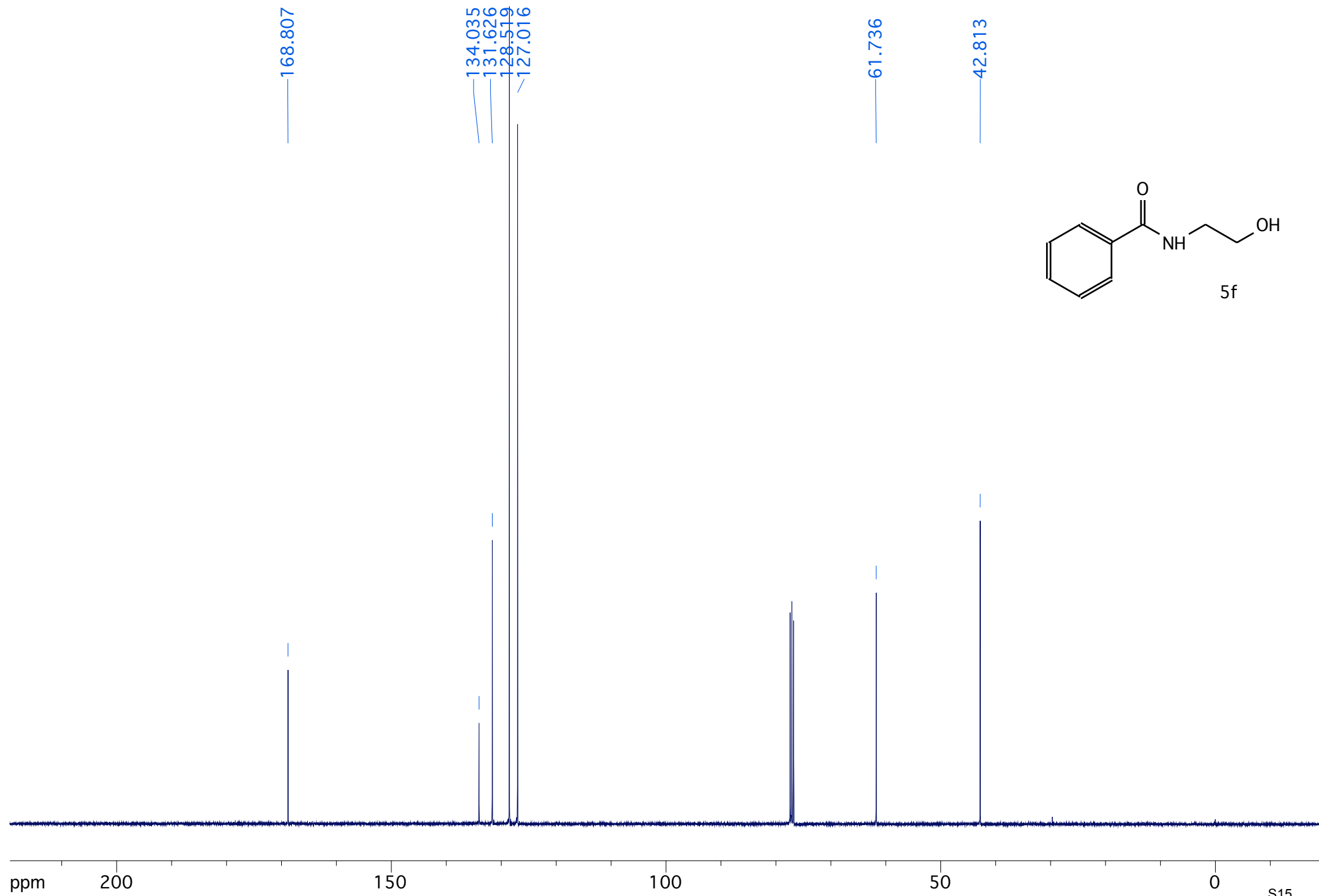


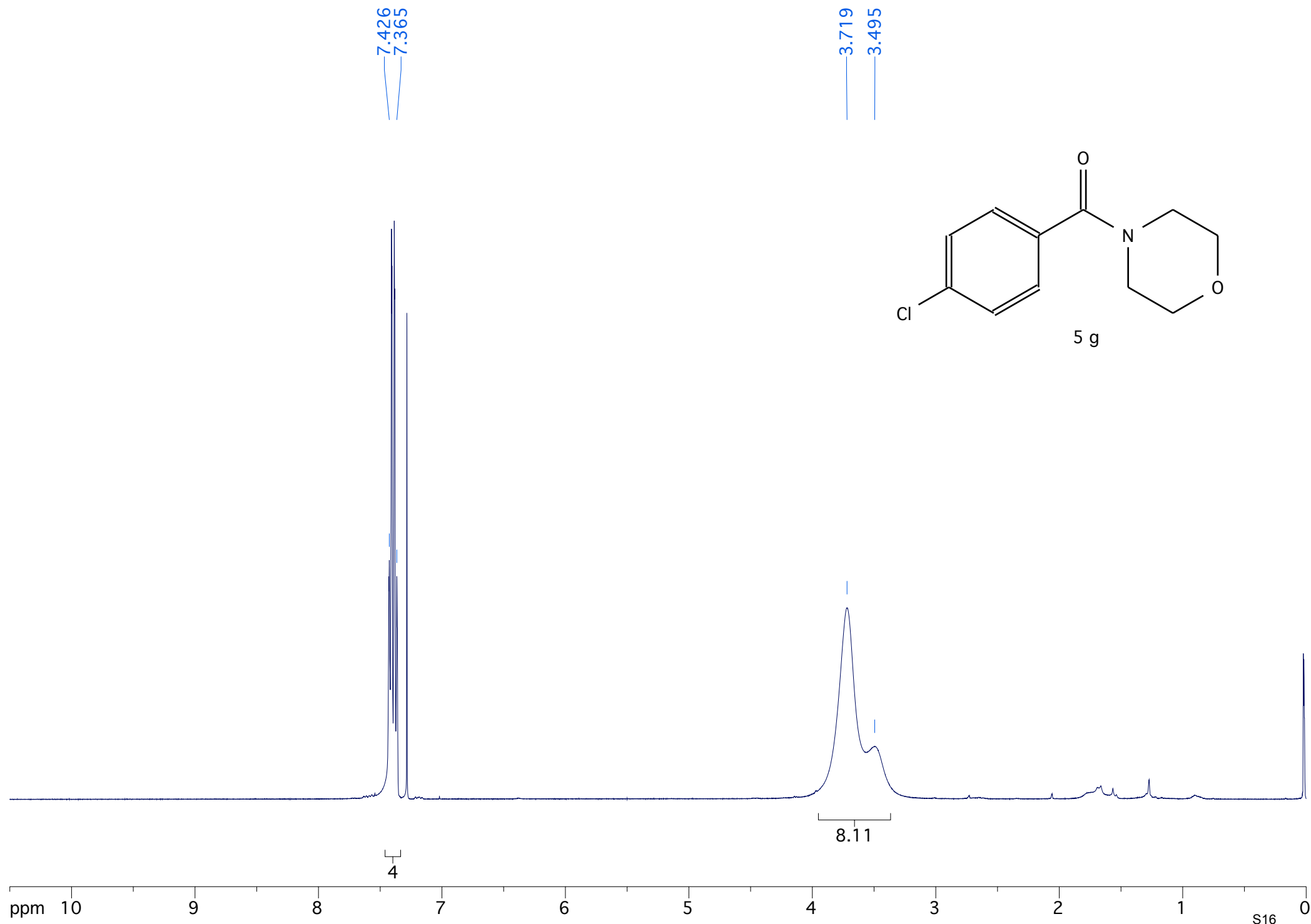


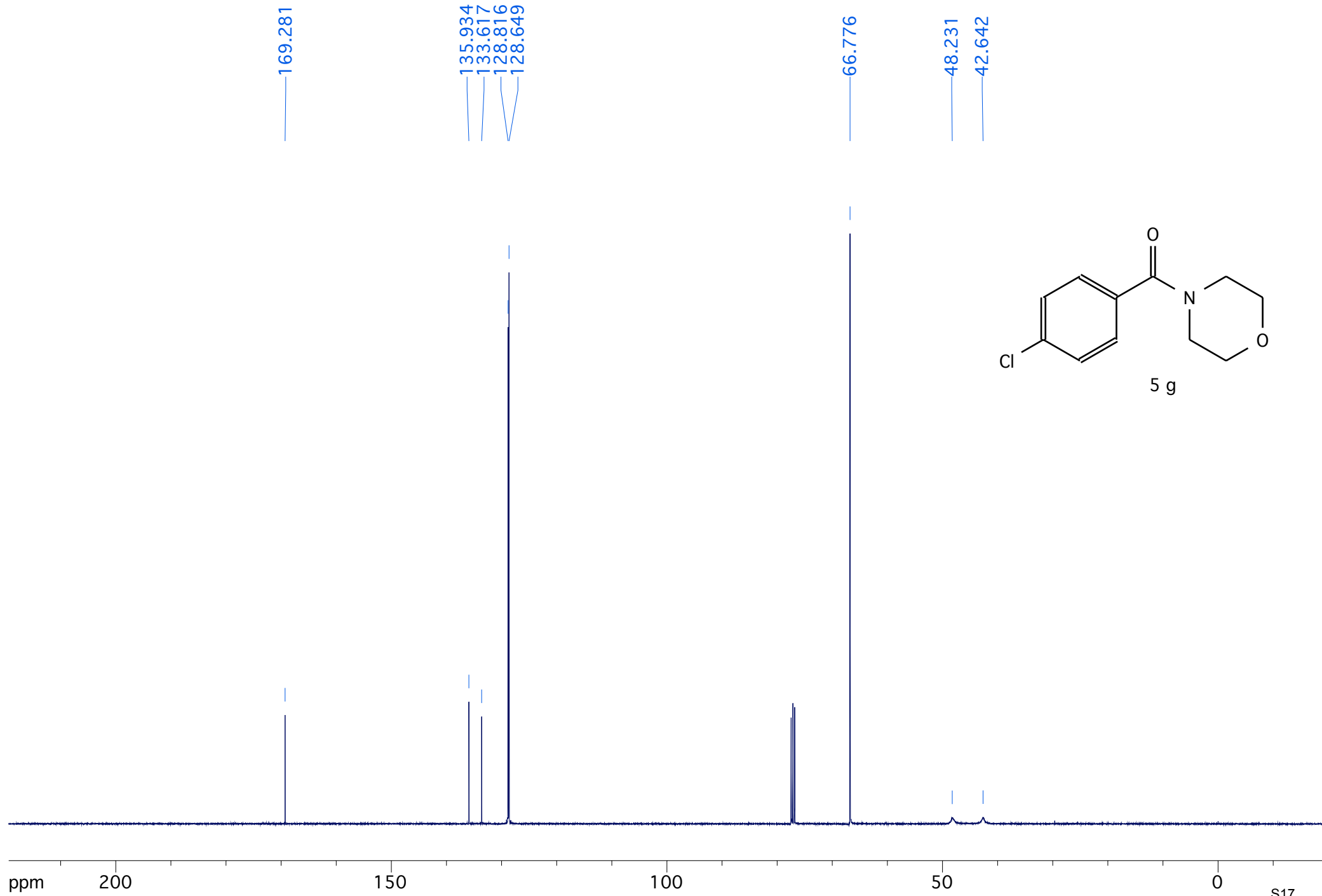
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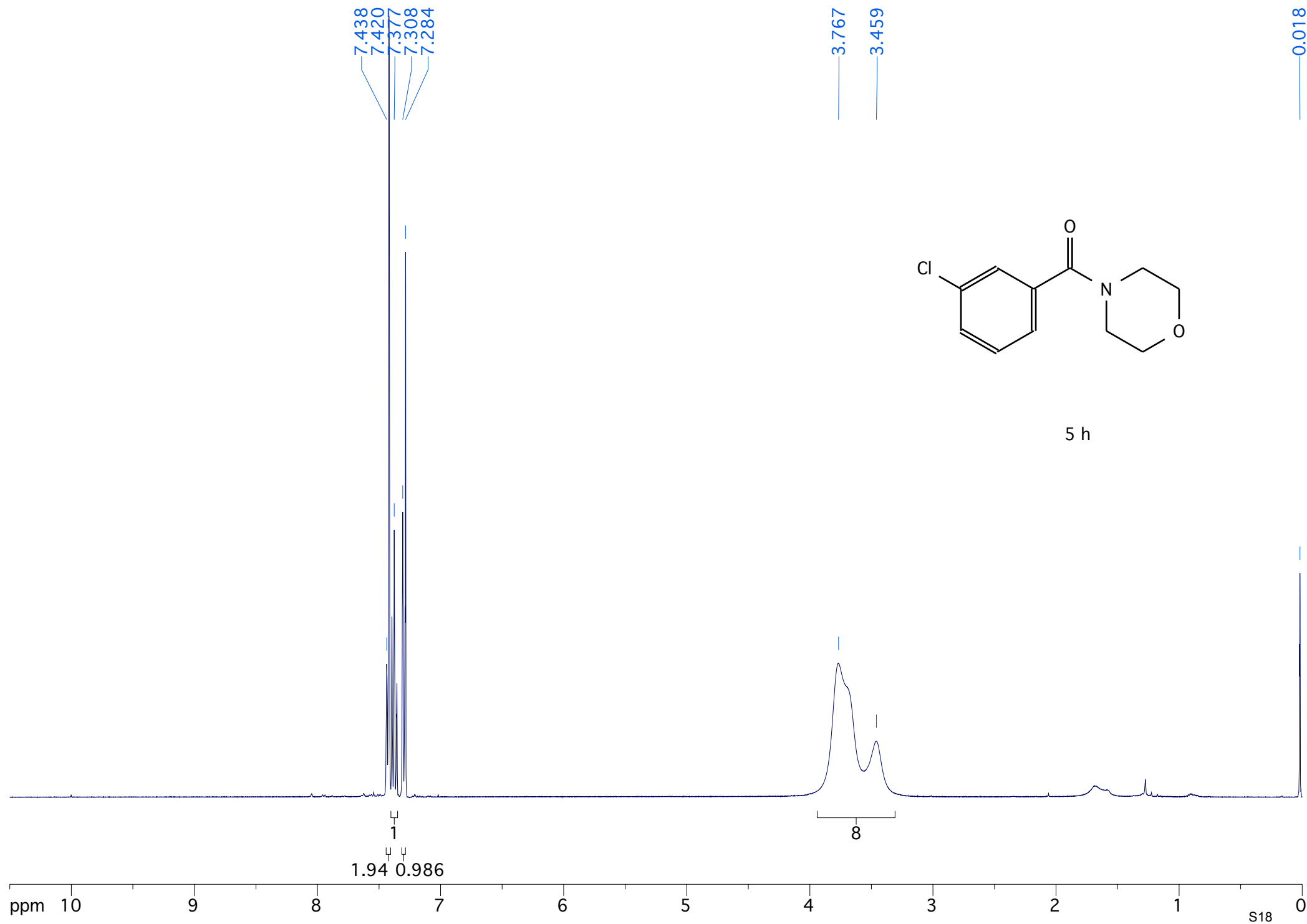


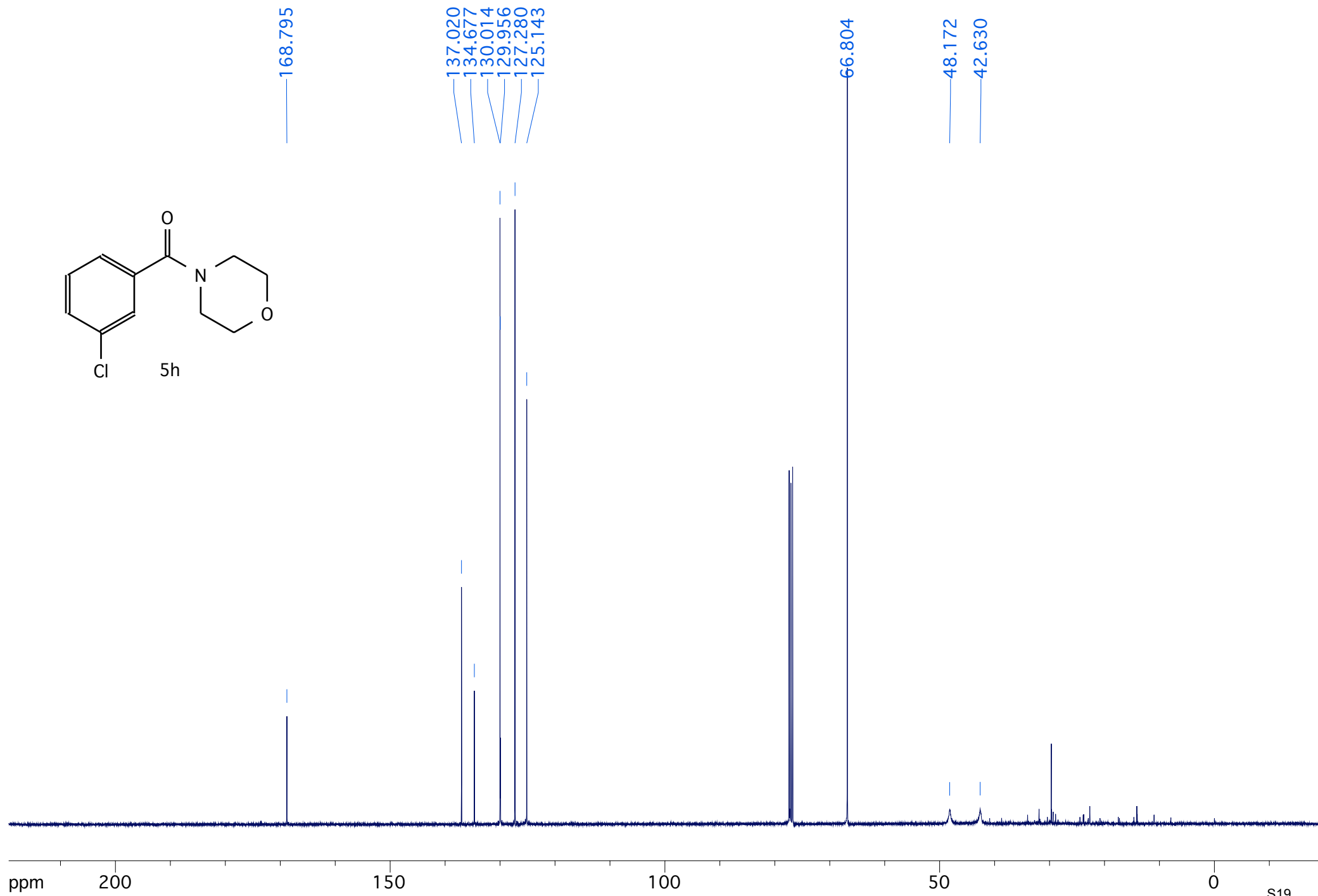


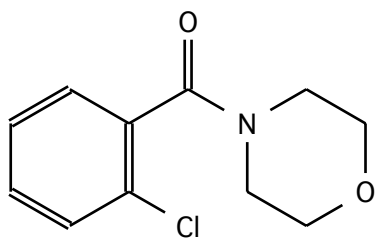




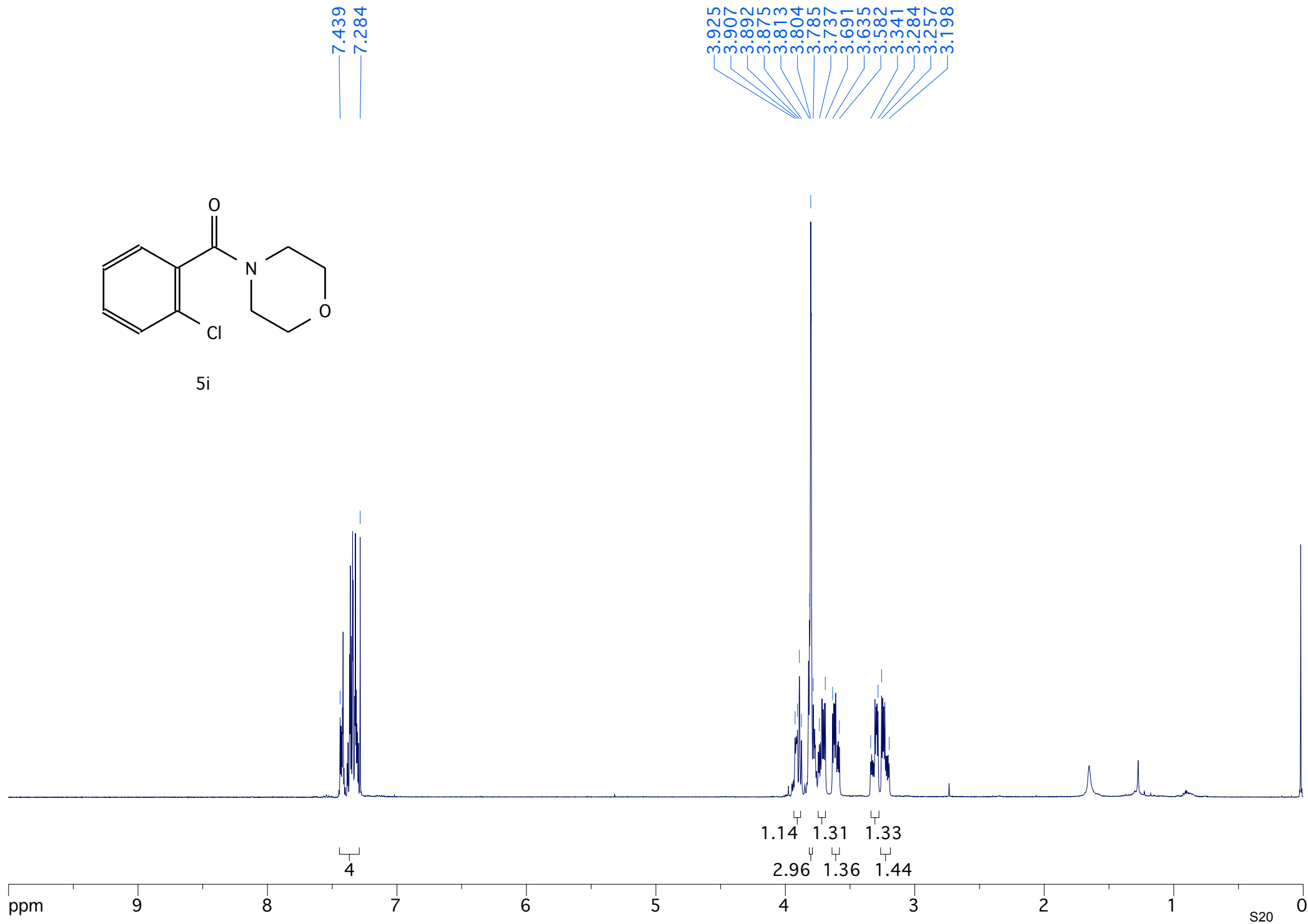


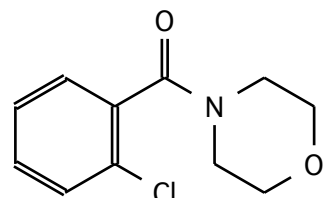




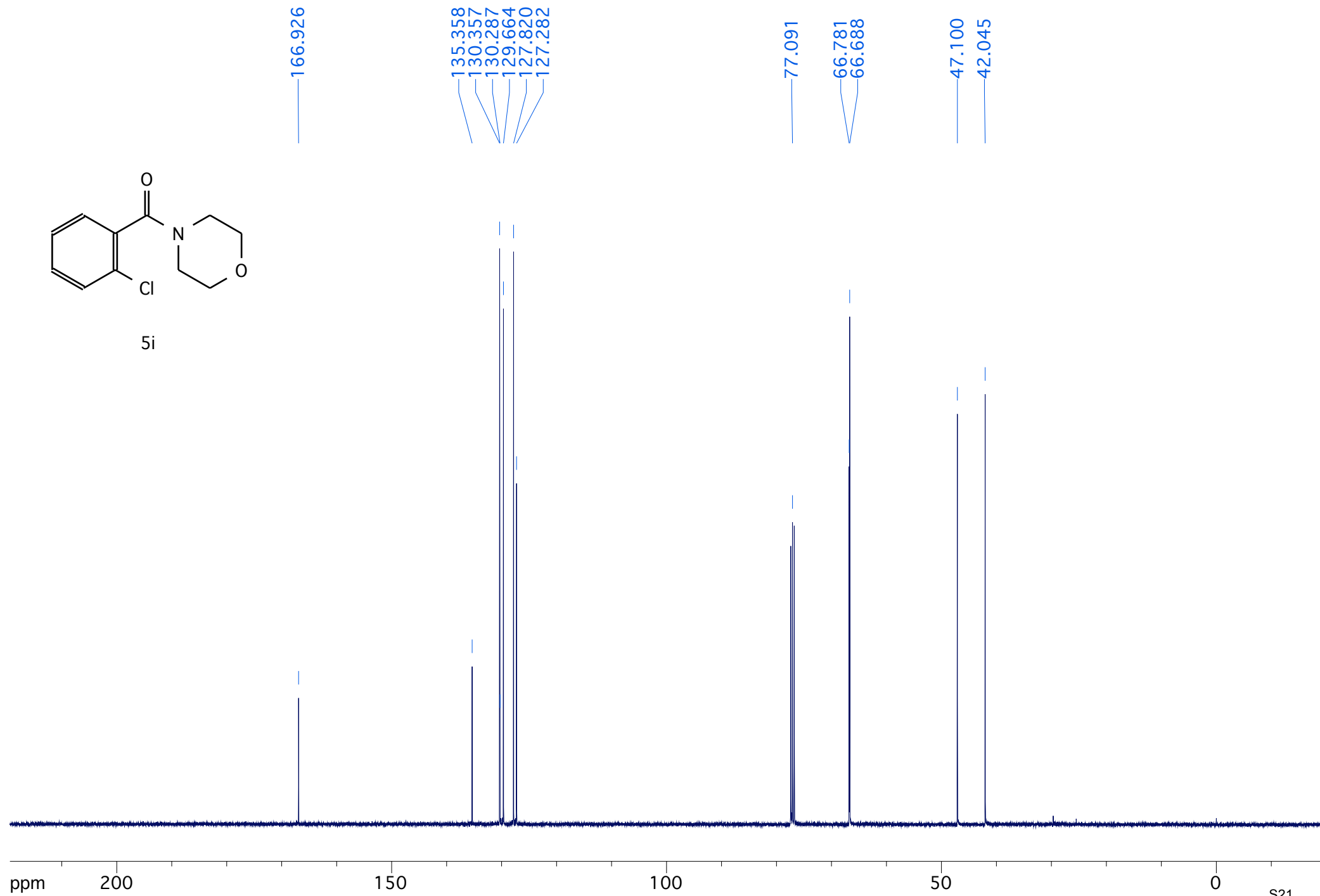


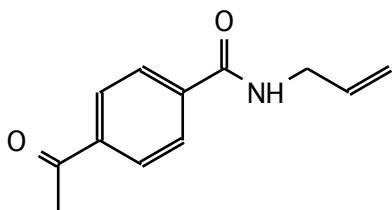
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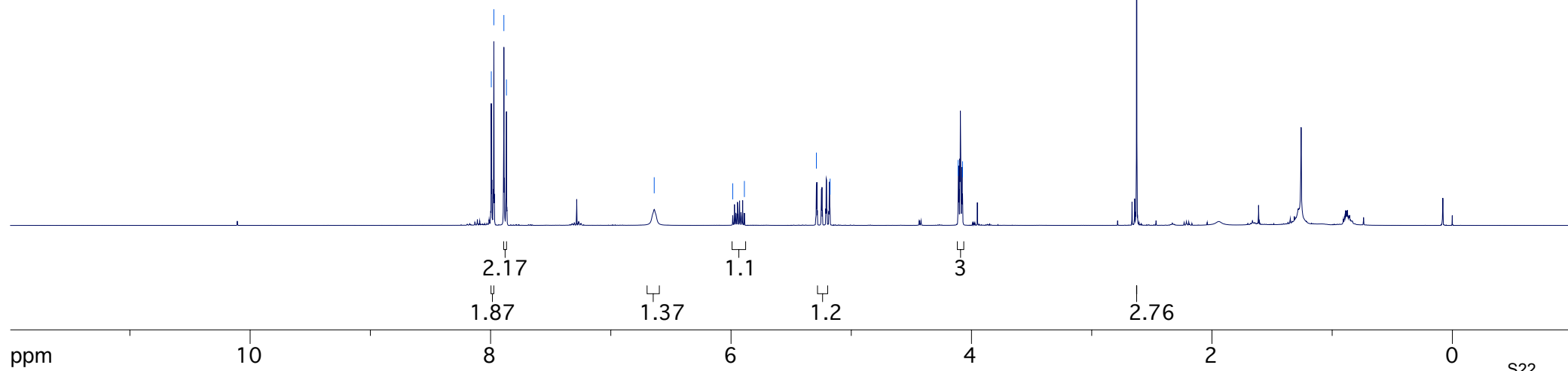
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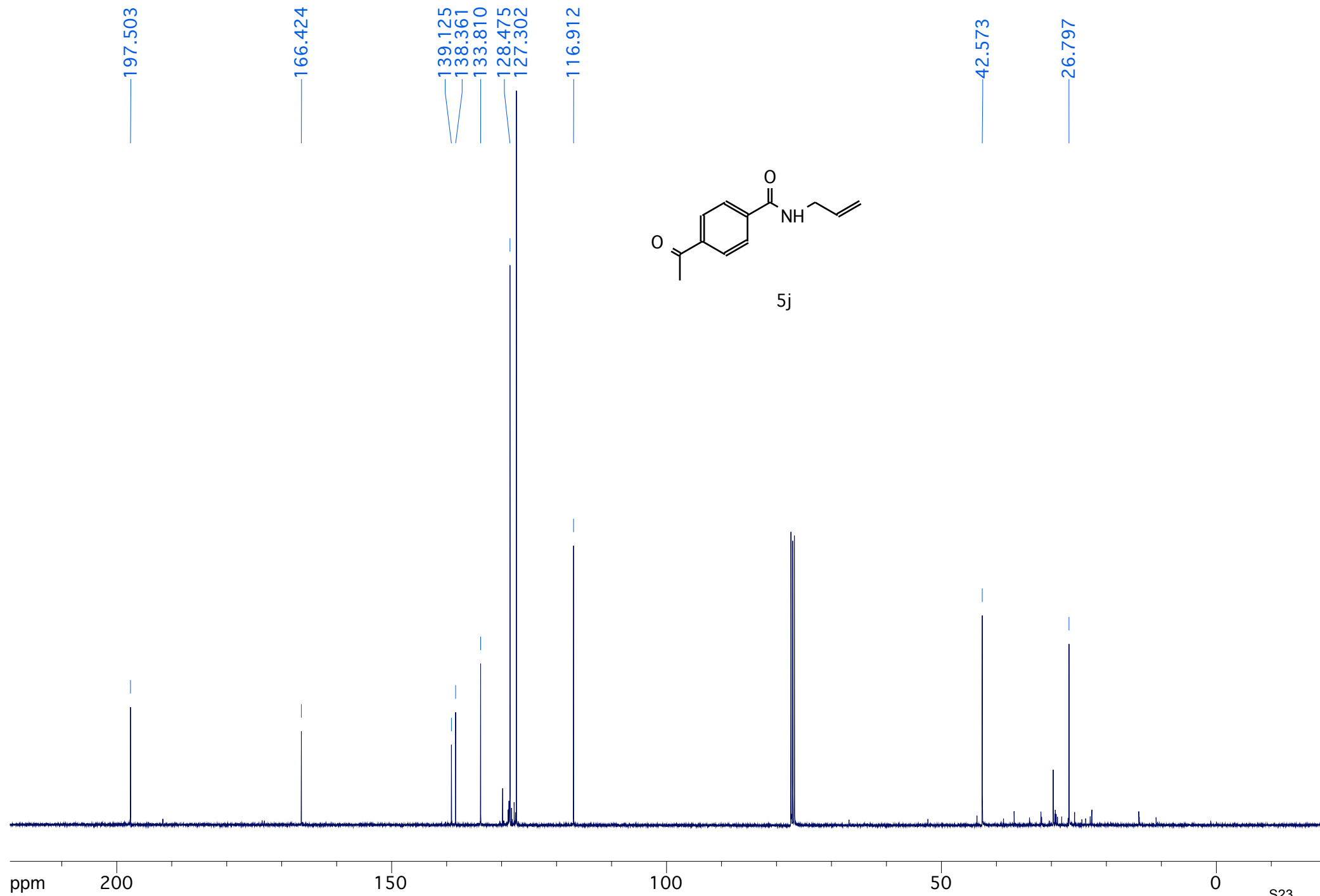




5j

7.994
7.973
7.889
7.868
6.639
5.986
5.889
5.290
5.176
4.111
4.075
2.626





8.328
8.304

7.953
7.931

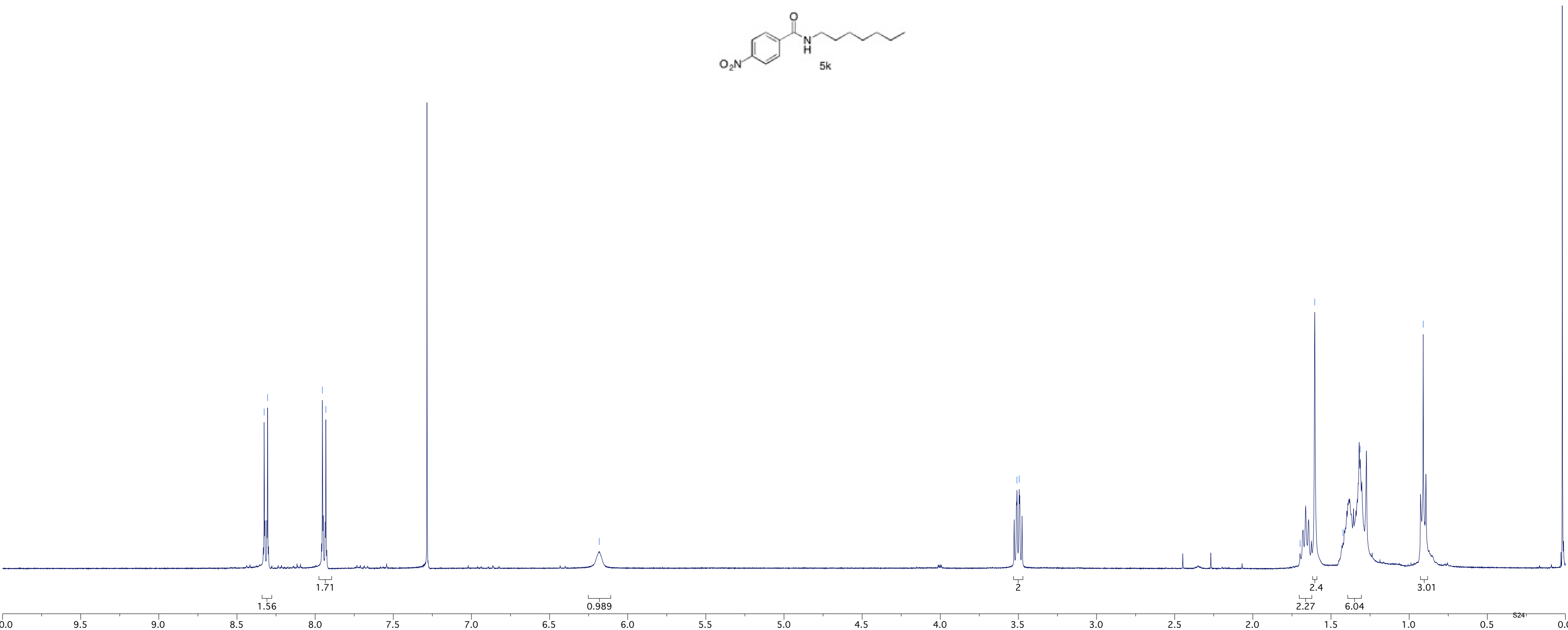
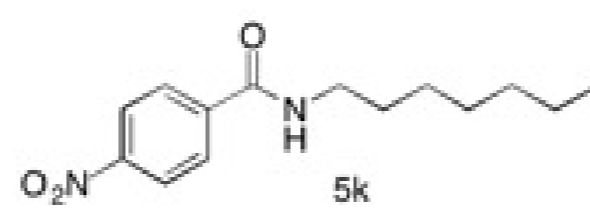
6.182

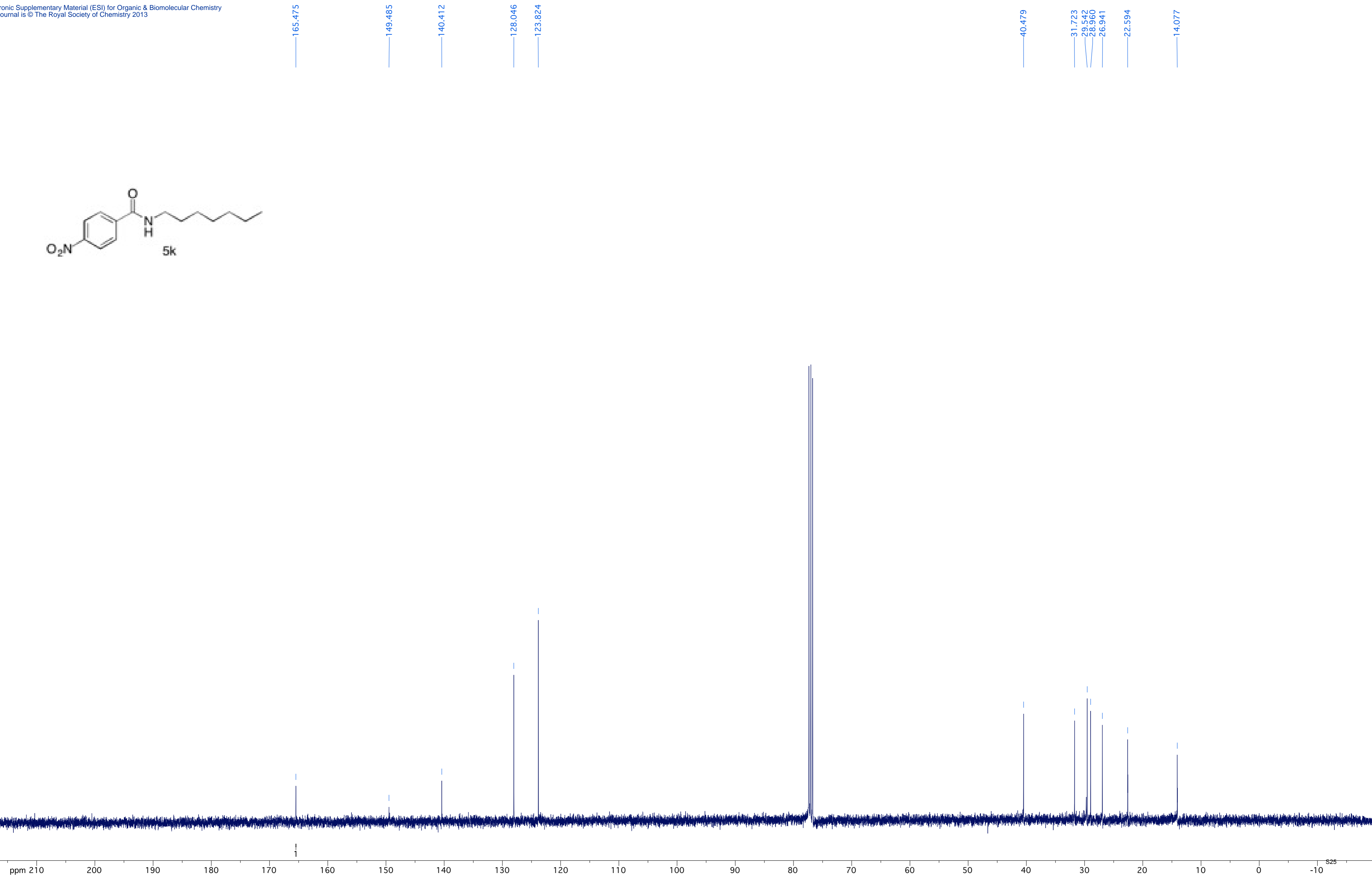
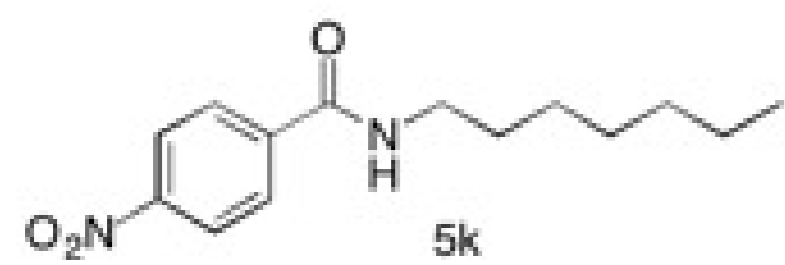
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3.495

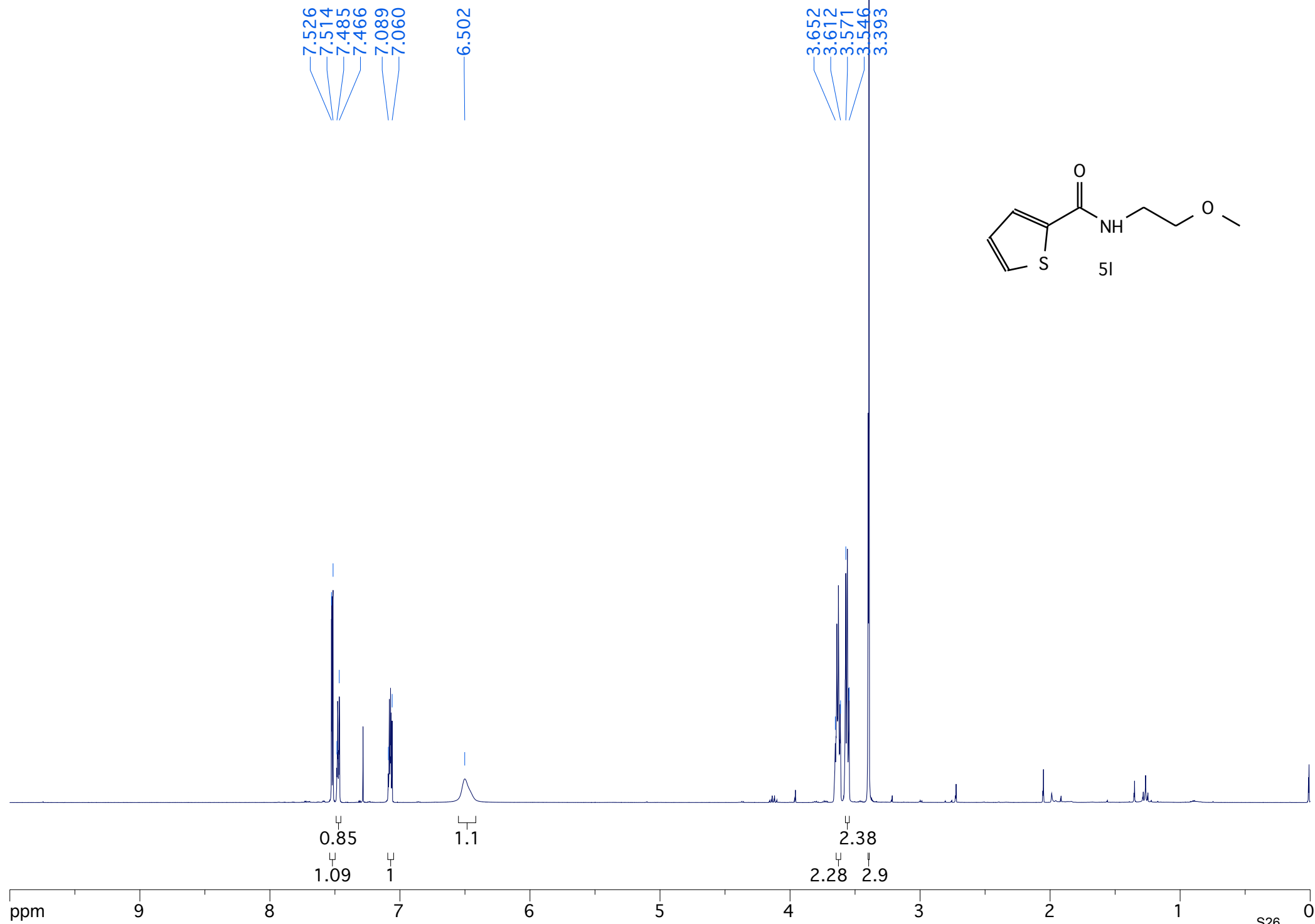
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1.604

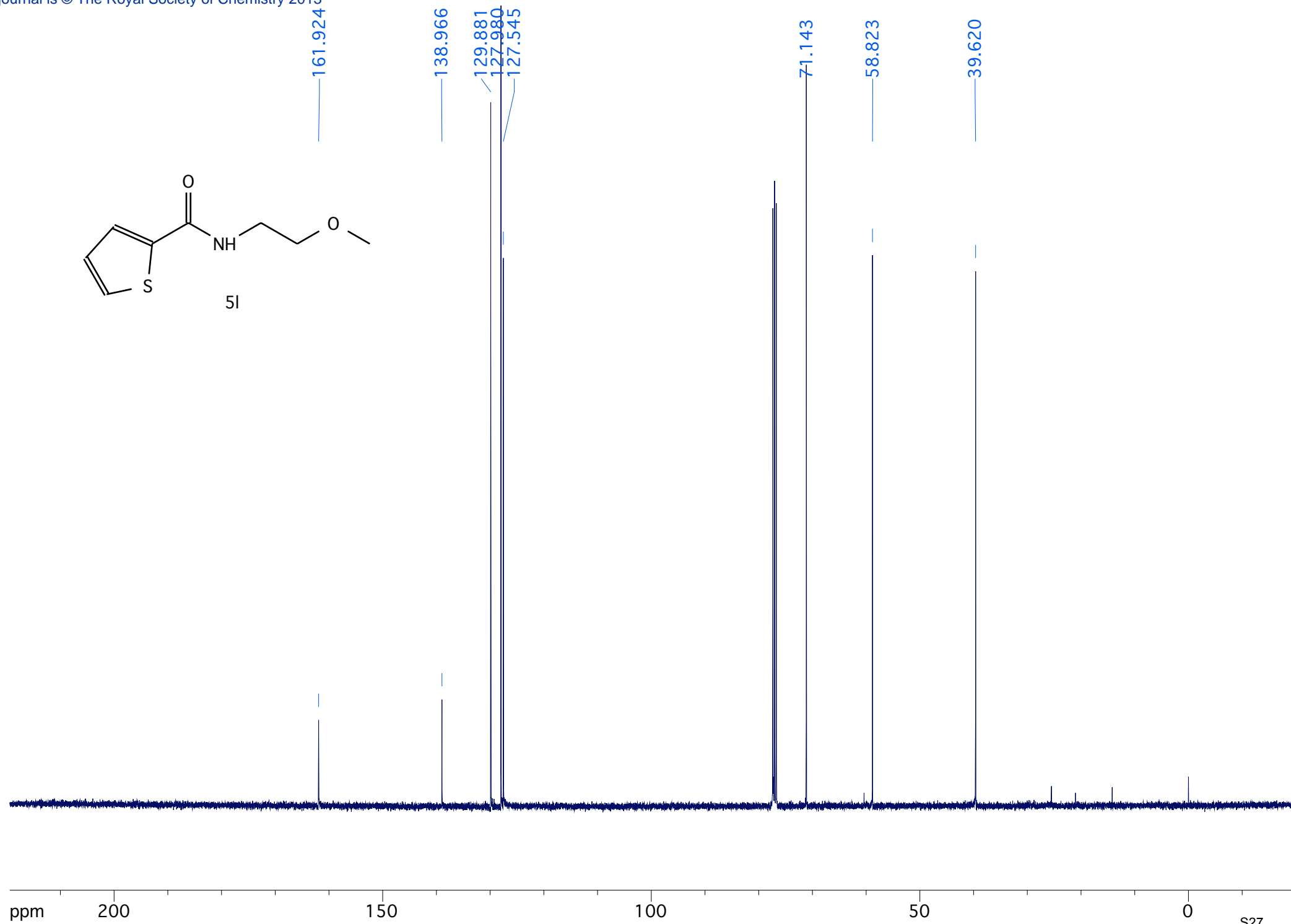
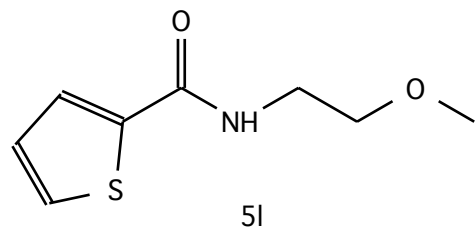
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1.313

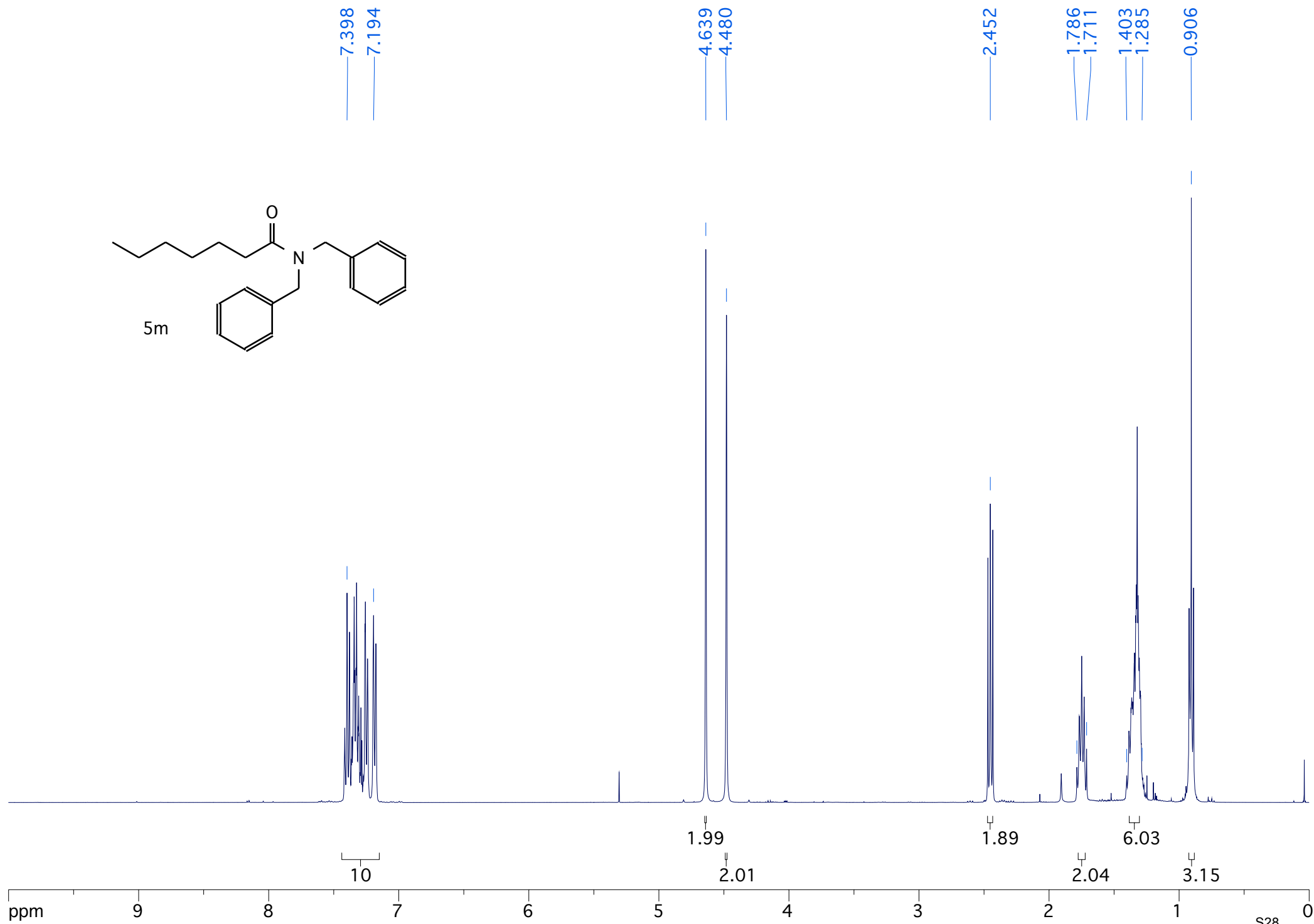
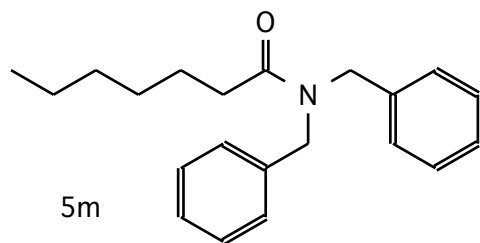
0.910

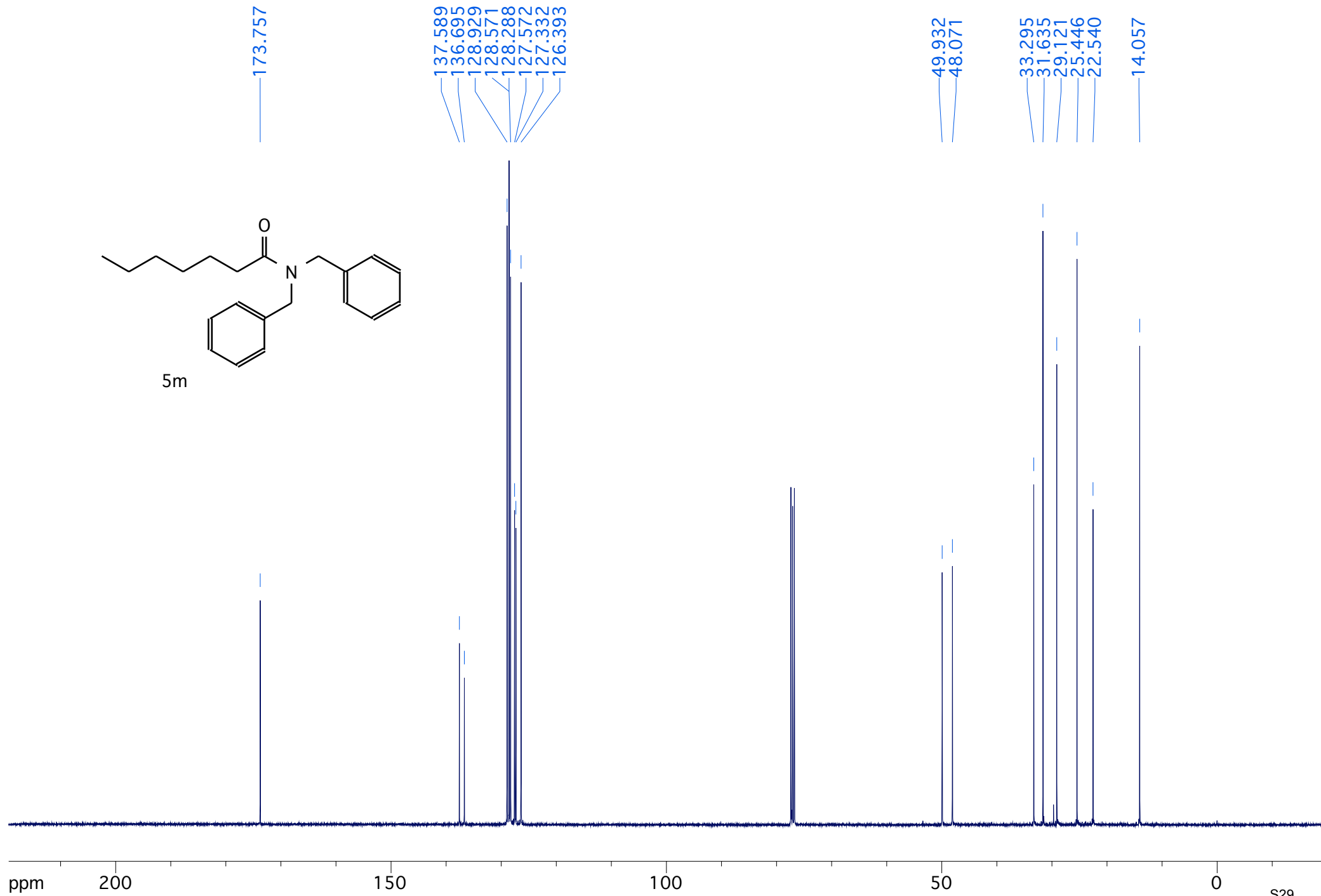


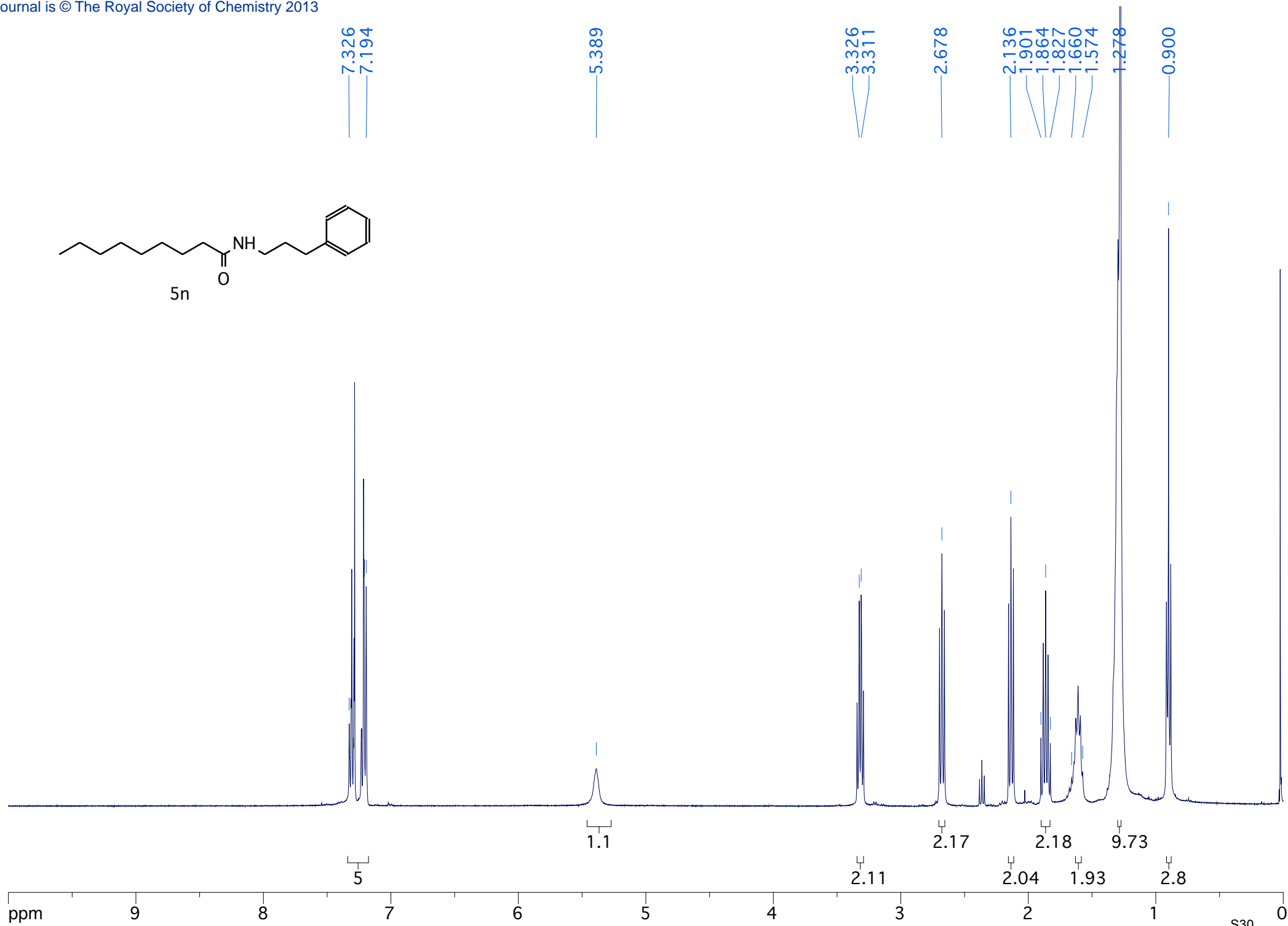
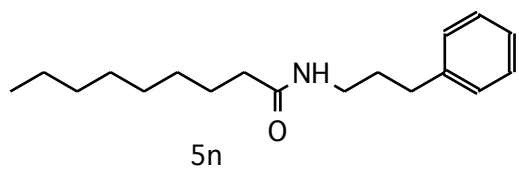


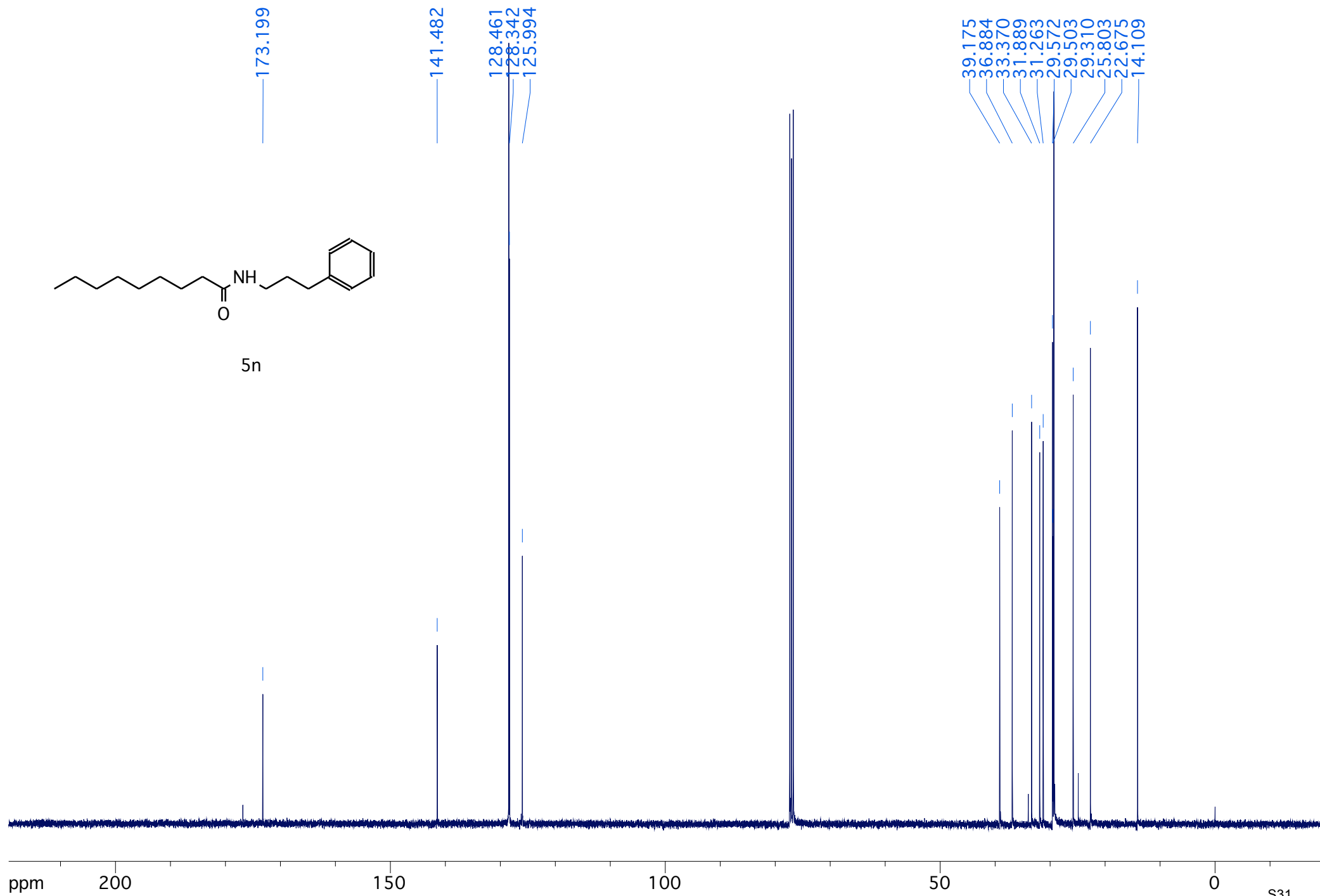


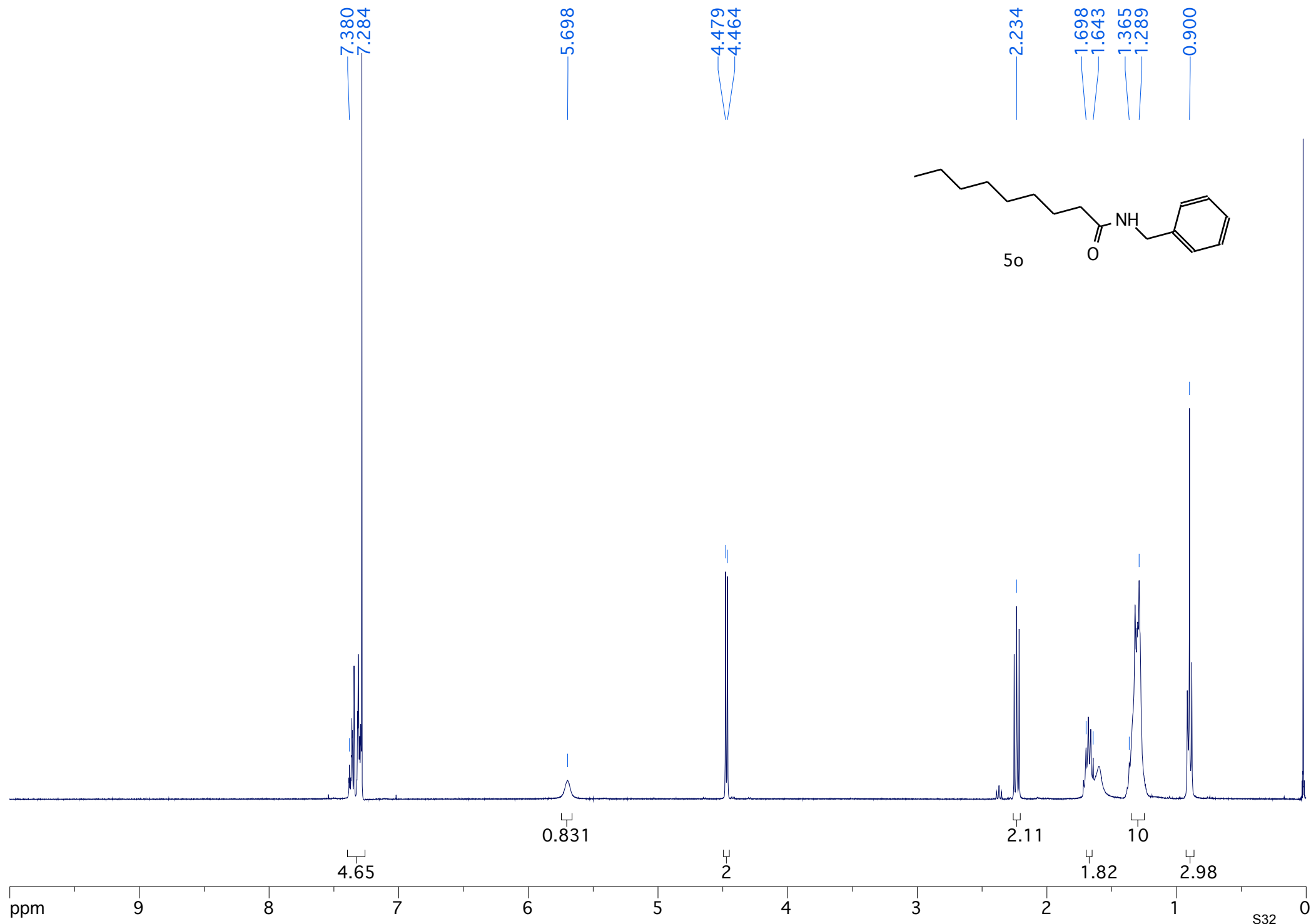


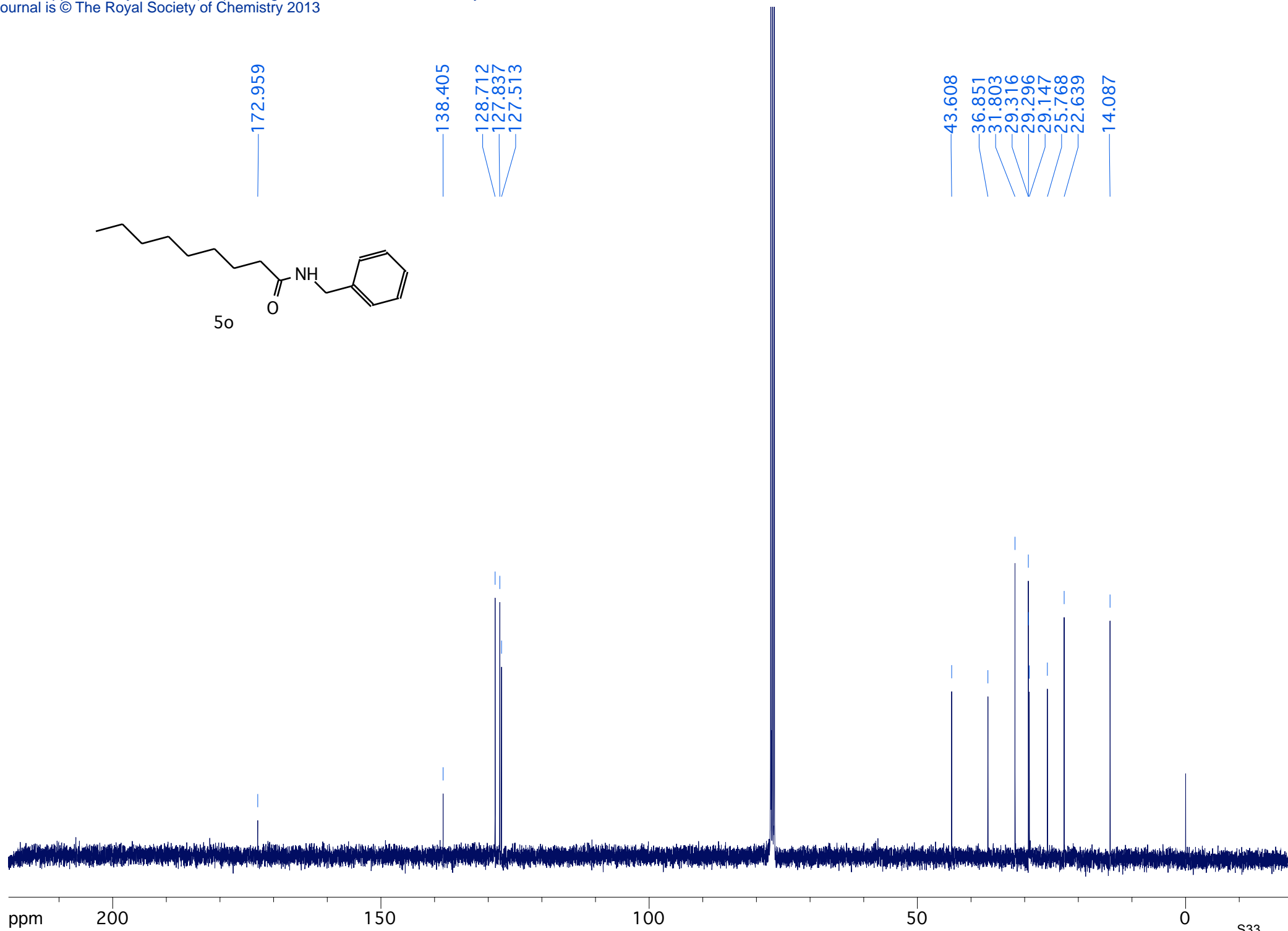


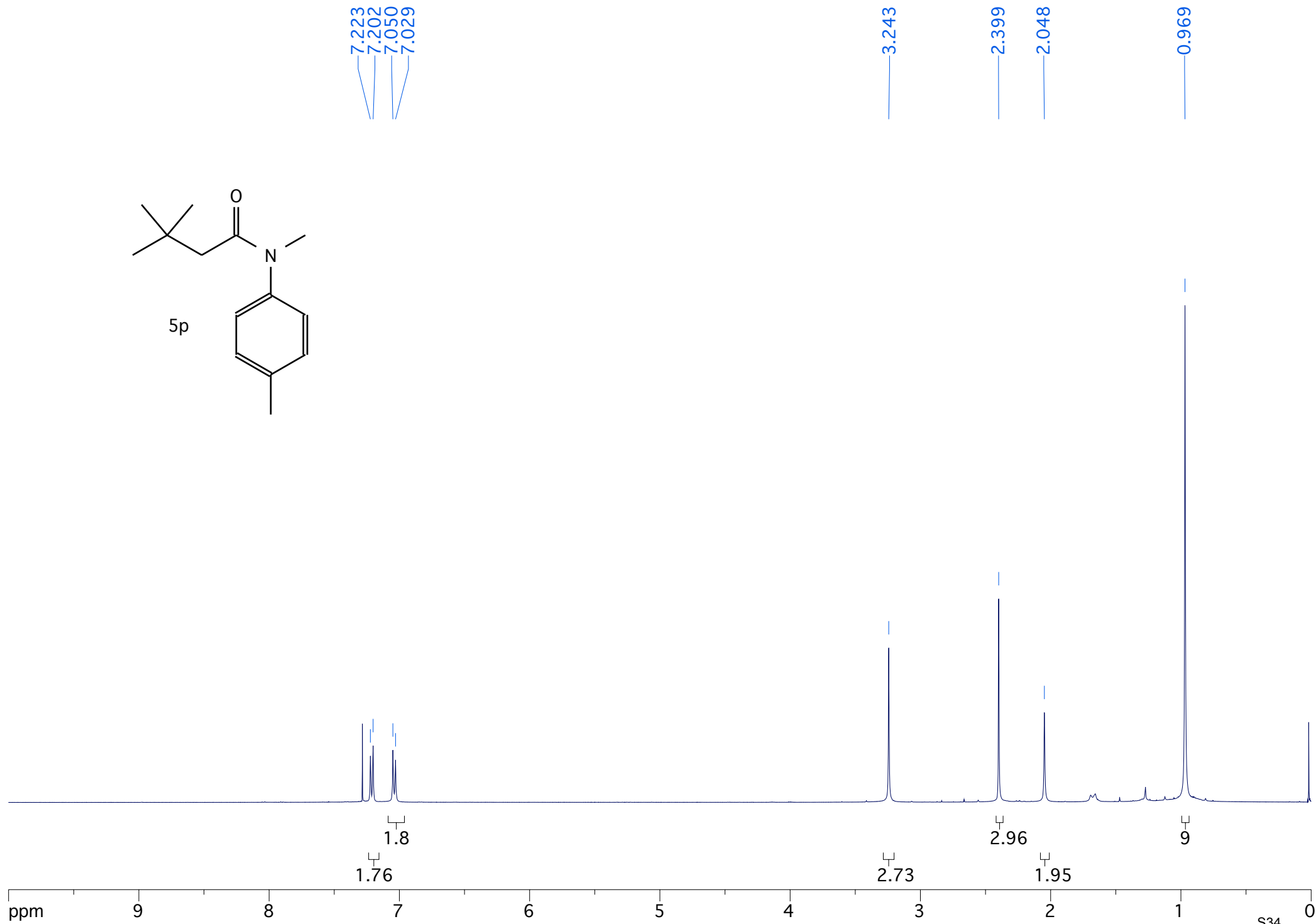
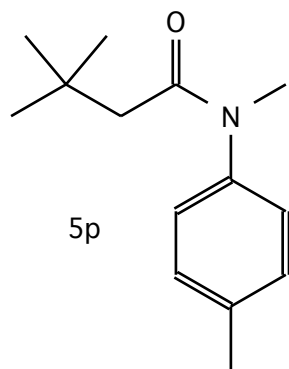


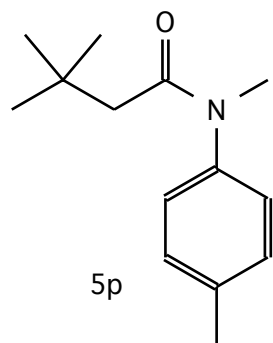




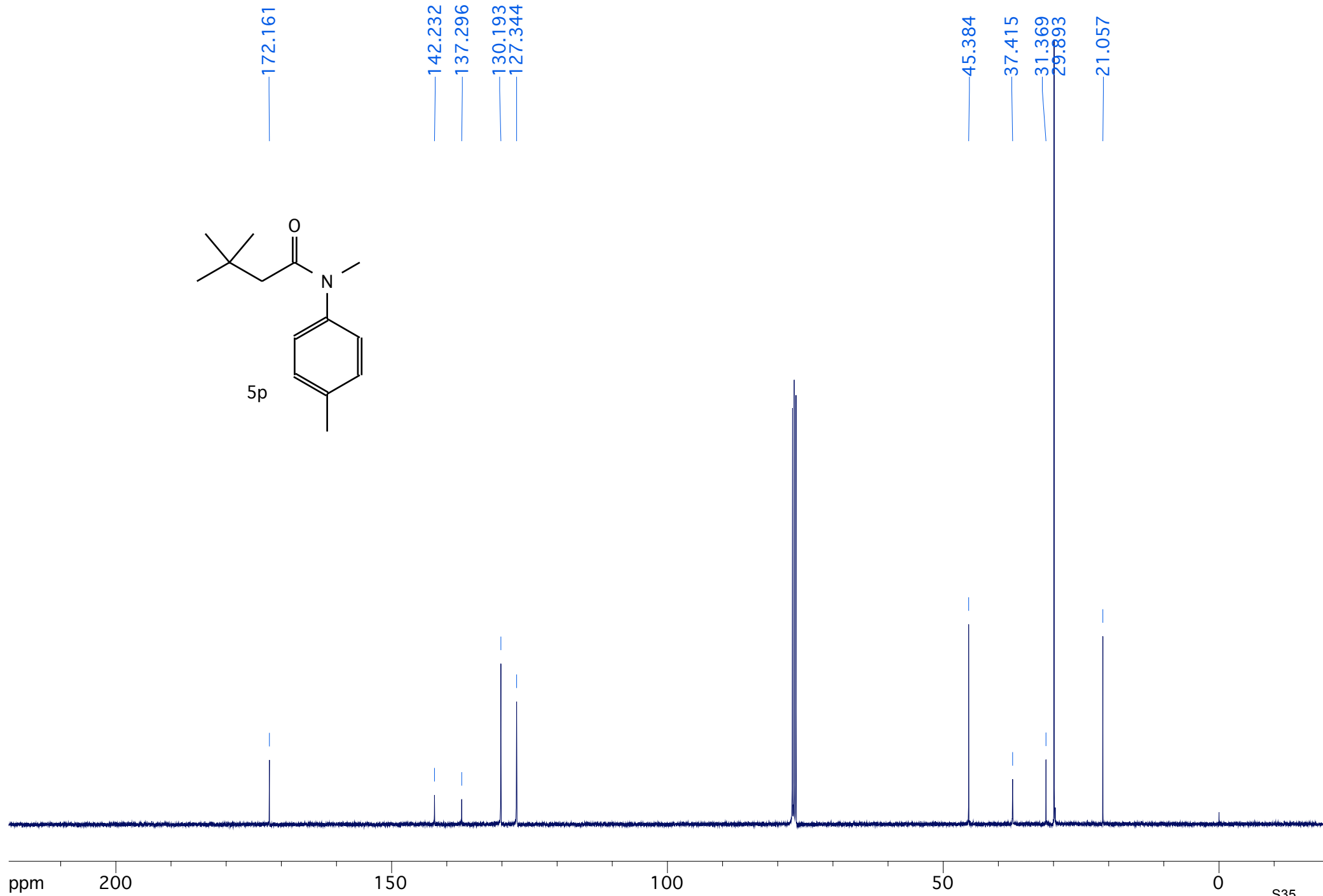


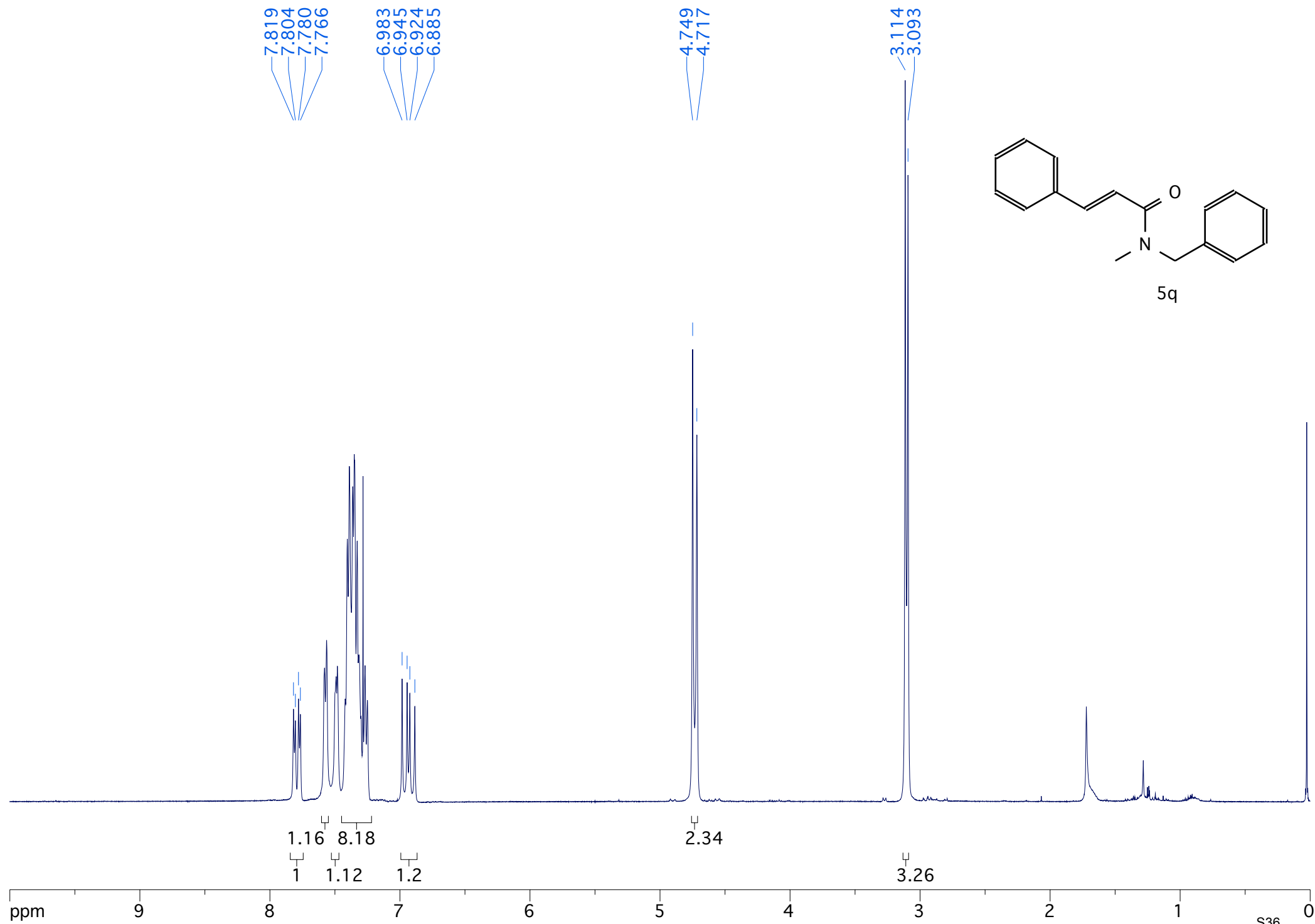


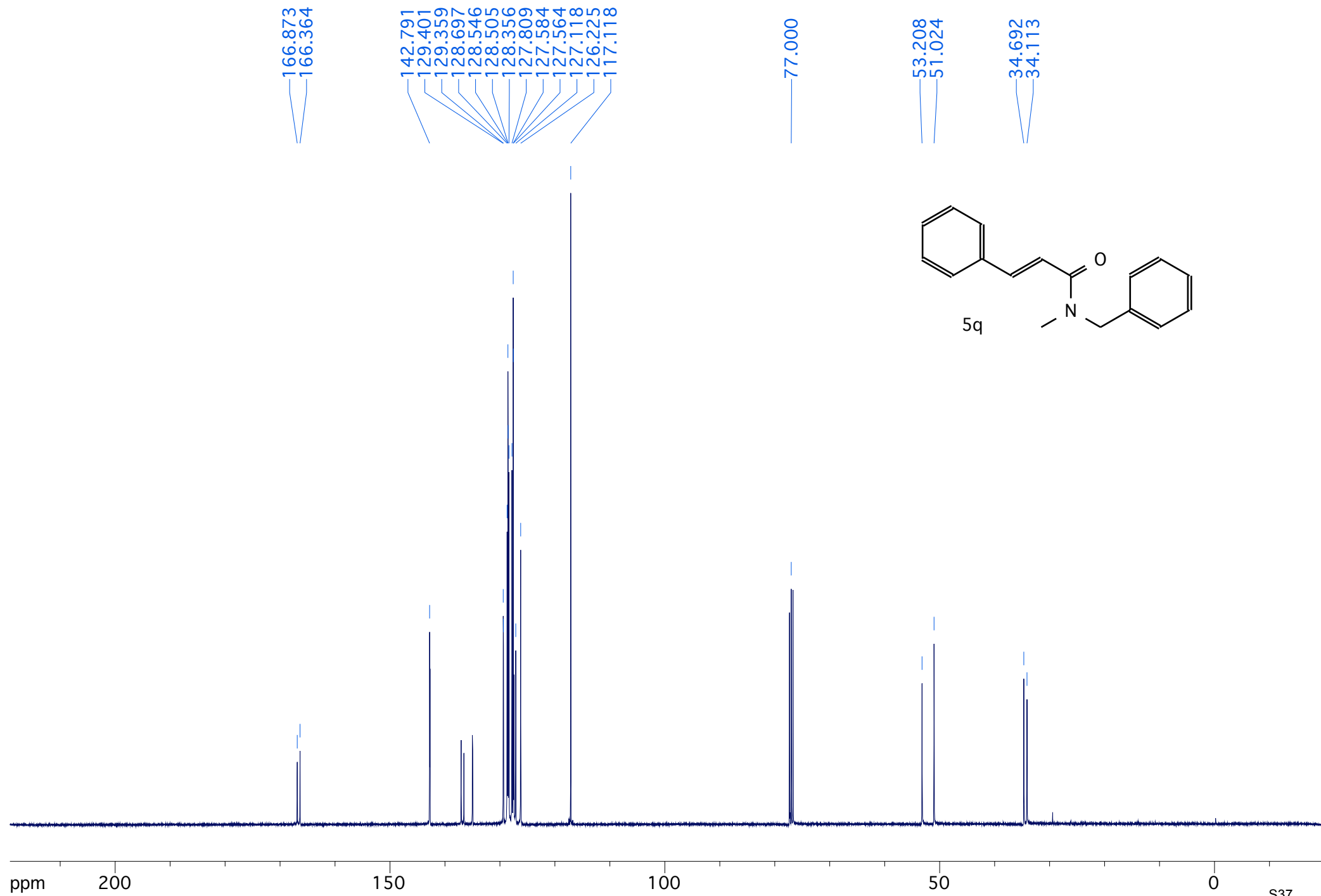


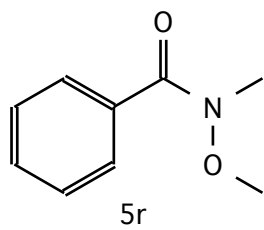


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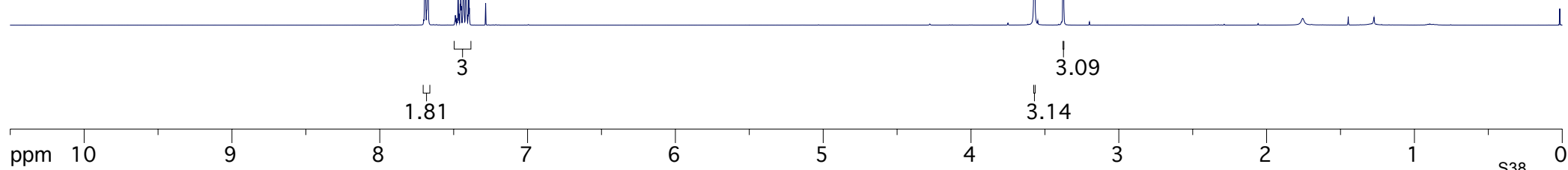


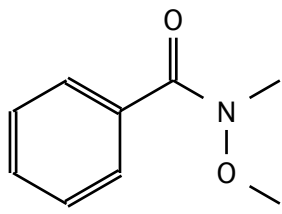




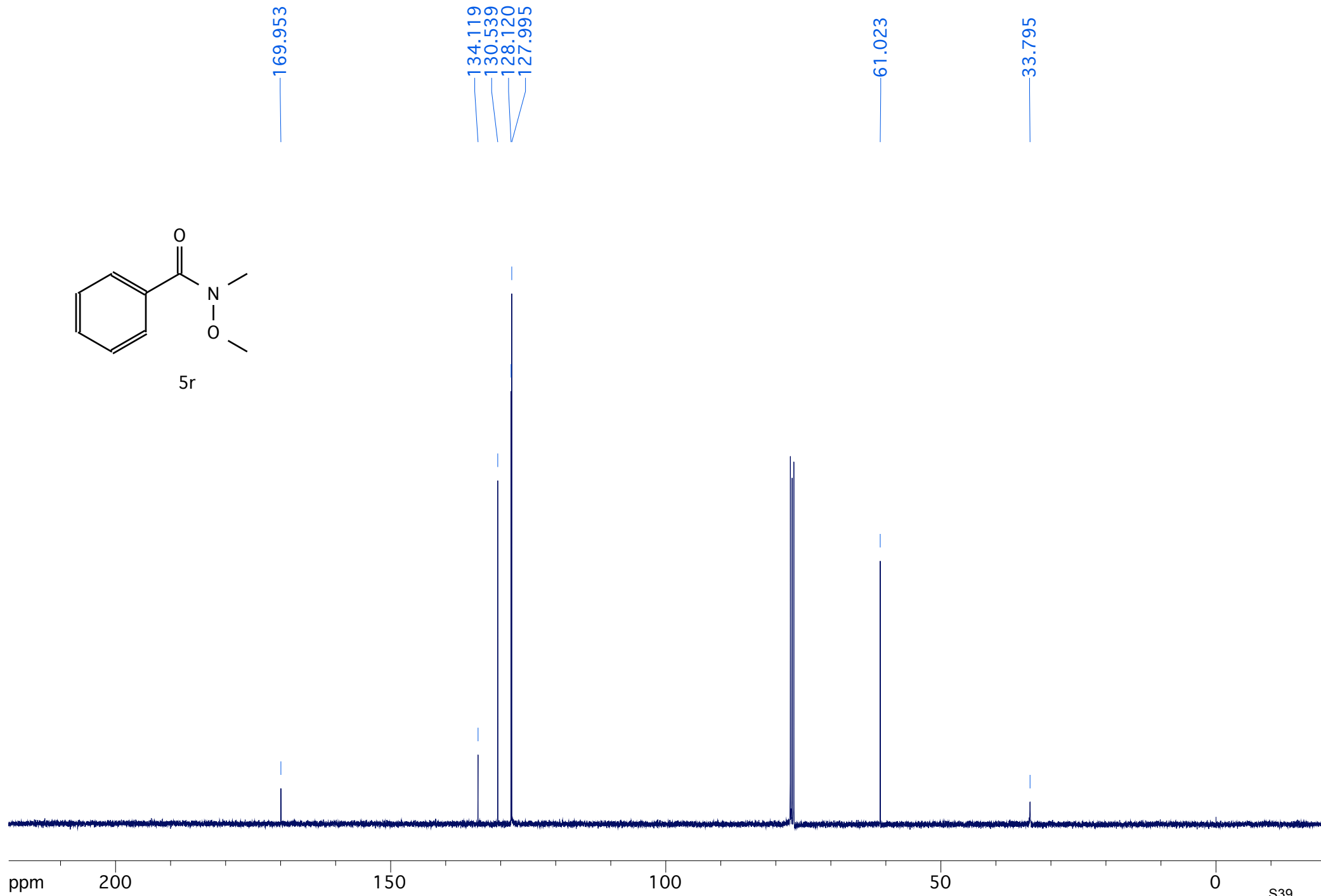
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7.677
7.488
7.398

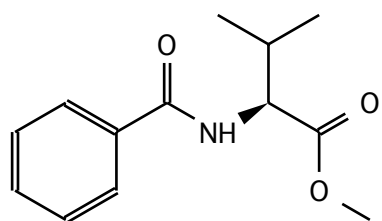
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3.376



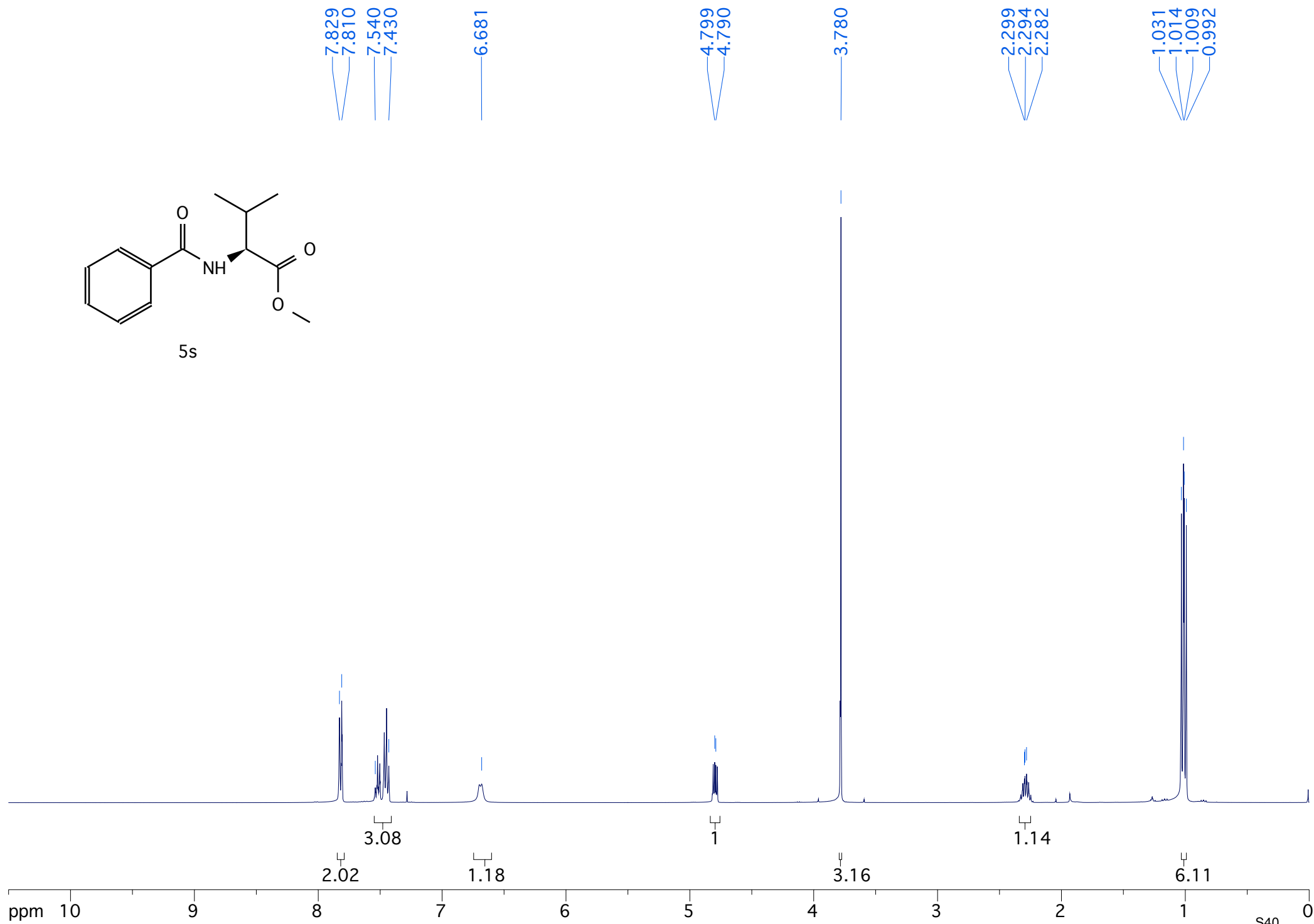


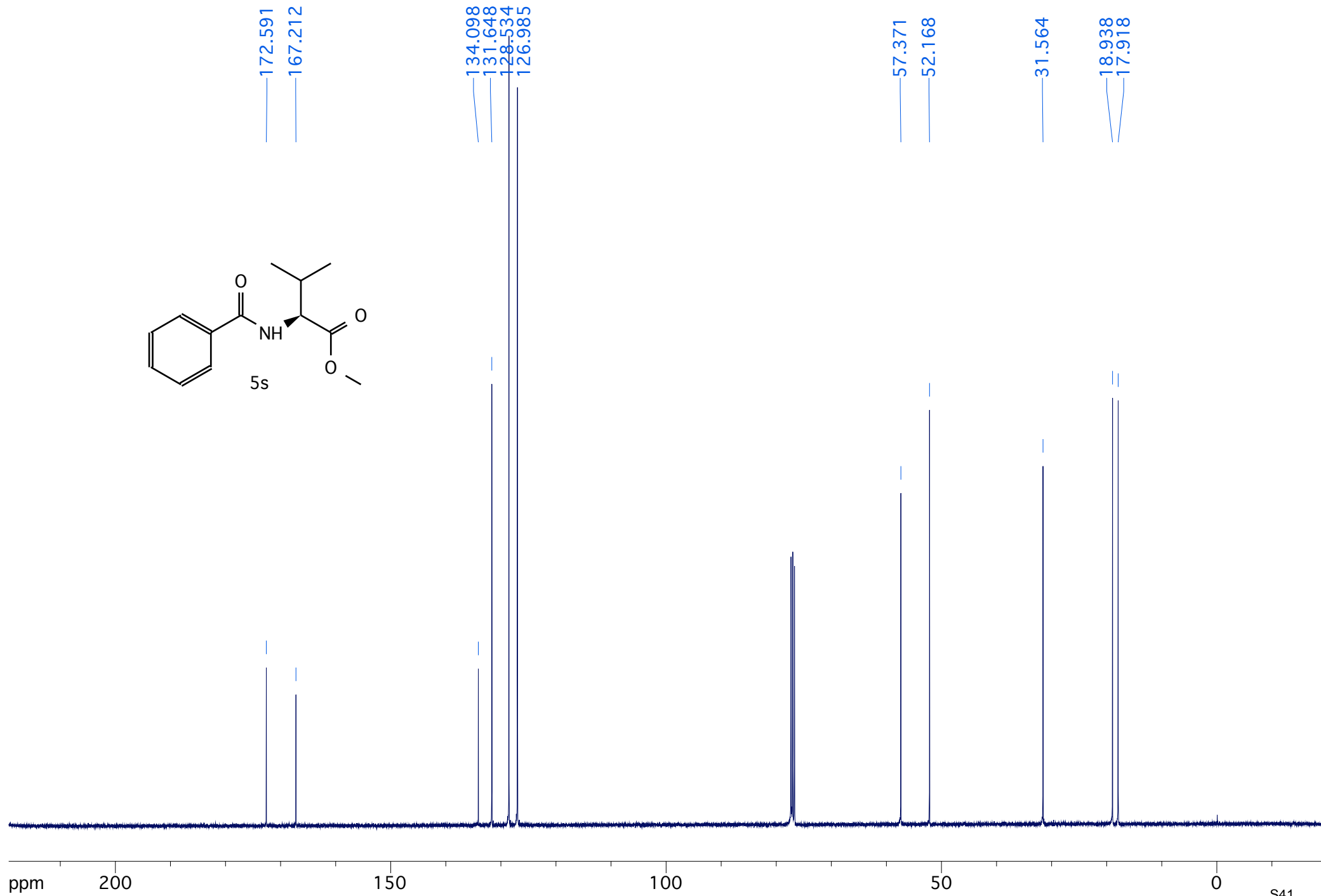
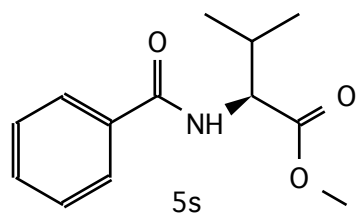
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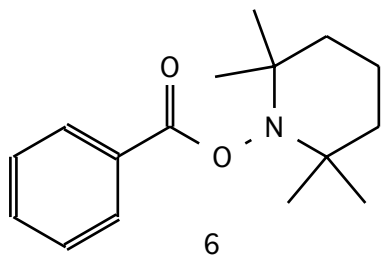




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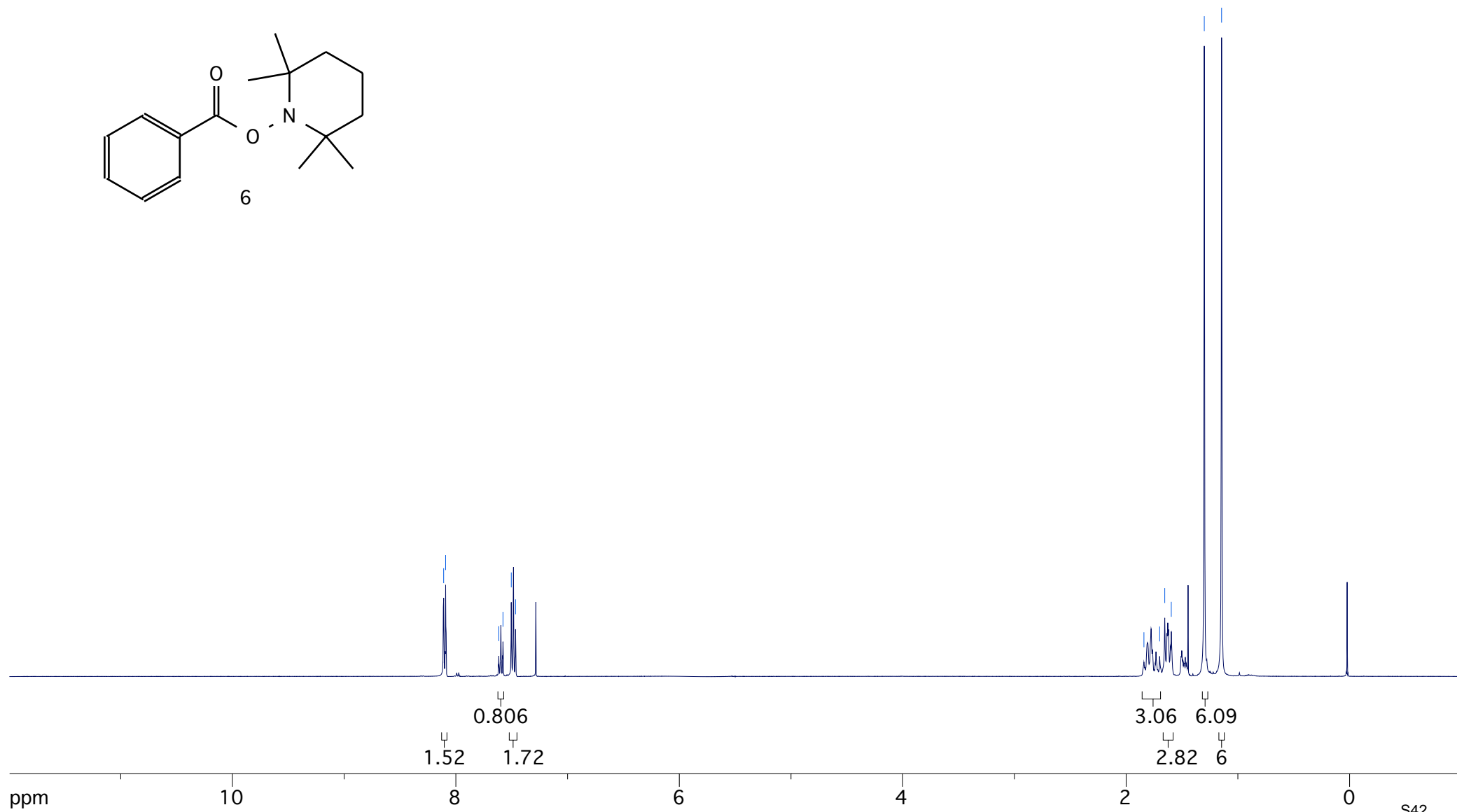


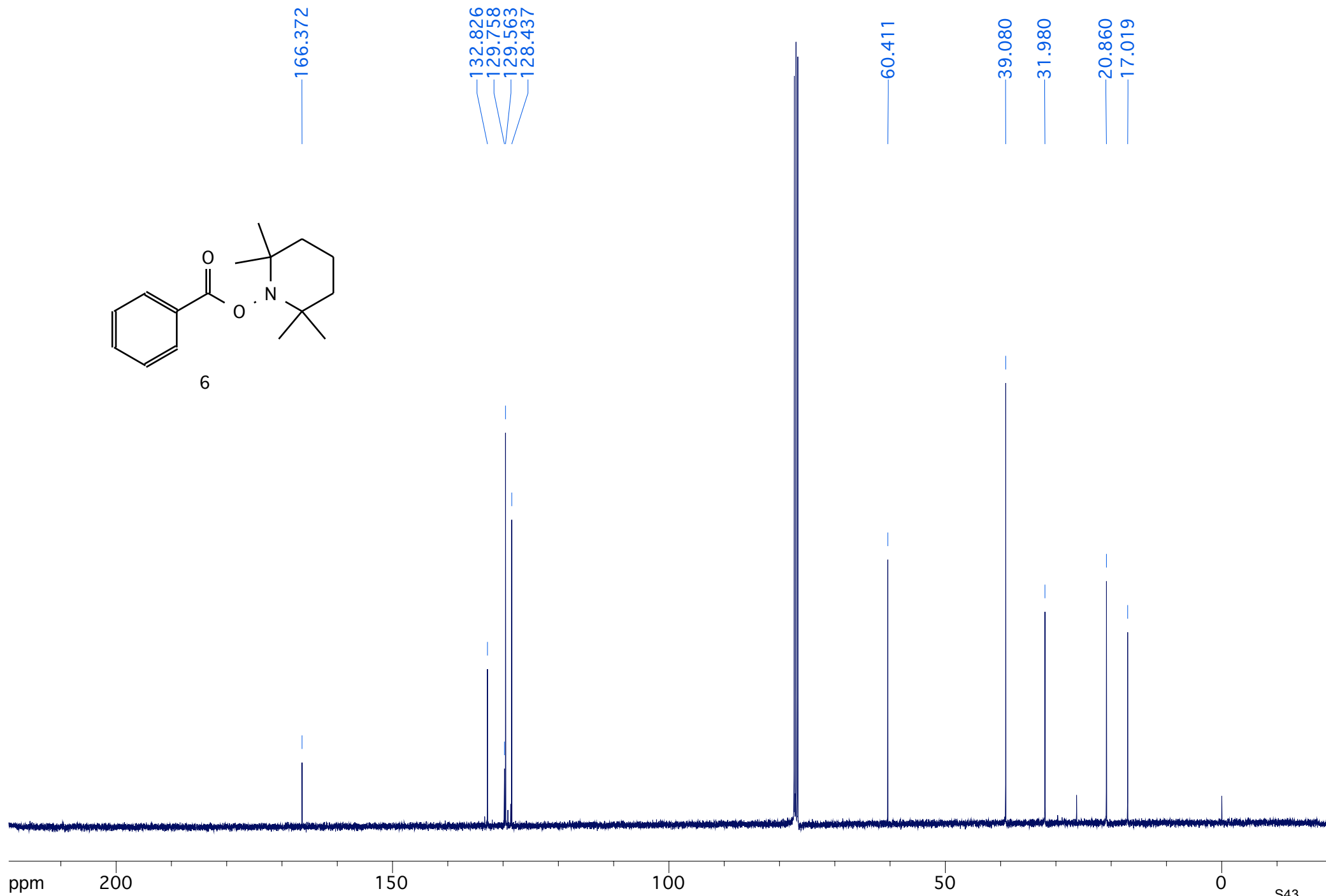
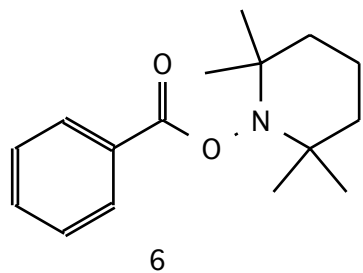




8.109
8.092
7.615
7.578
7.504
7.466

1.841
1.700
1.654
1.596
1.301
1.146



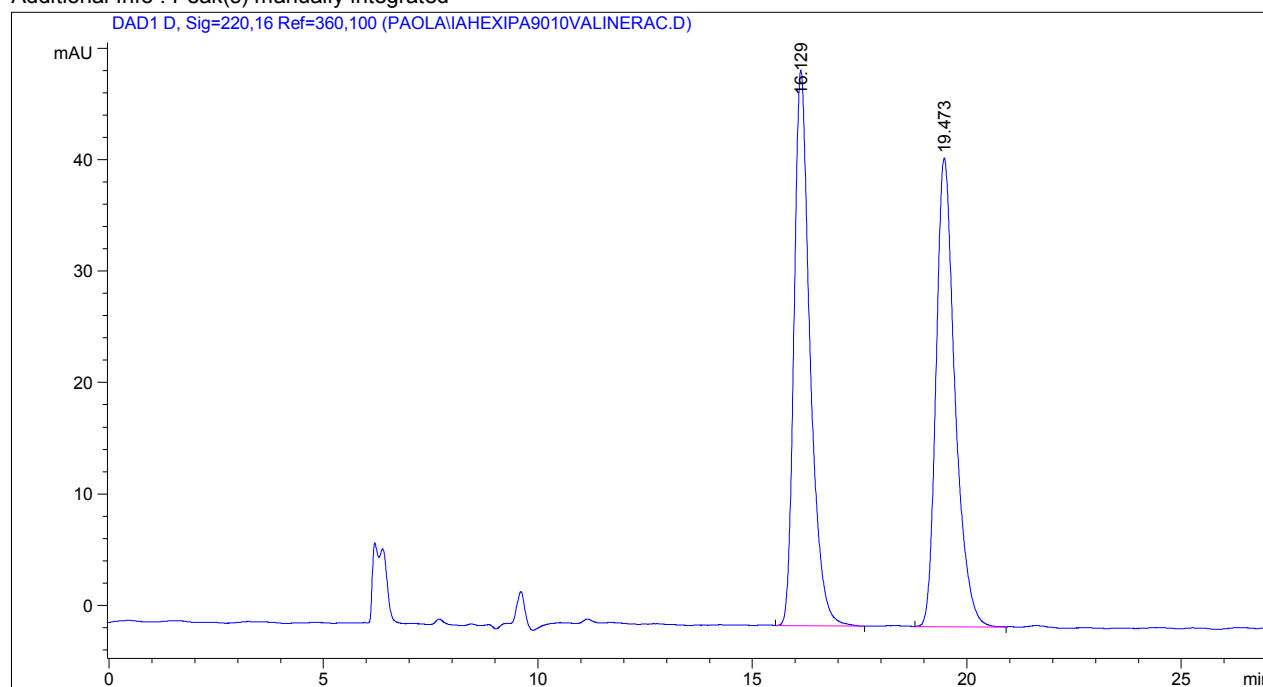


Chiral HPLC analysis of *N*-benzoyl *D/L*-valine methyl ester

Method Info : Chiralpak IA, n-Hexane:IPA 90:10 (v/v), 0.5 ml/min, 15 bar

Sample Info : Chiralpak IA (250 x 4.6 mm, 5 micron) (Chiral Technologies Europe, France); Agilent Technologies (Waldbronn, Germany) 1100 Series HPLC system [high-pressure binary gradient system equipped with a diode-array detector operating at multiple wavelengths (220, 254, 280, 360 nm), a 20 µL sample loop and a thermostatted column compartment], n-hexane/IPA 90:10 (v/v), flow rate 0.5 ml/min, 15 bar

Additional Info : Peak(s) manually integrated



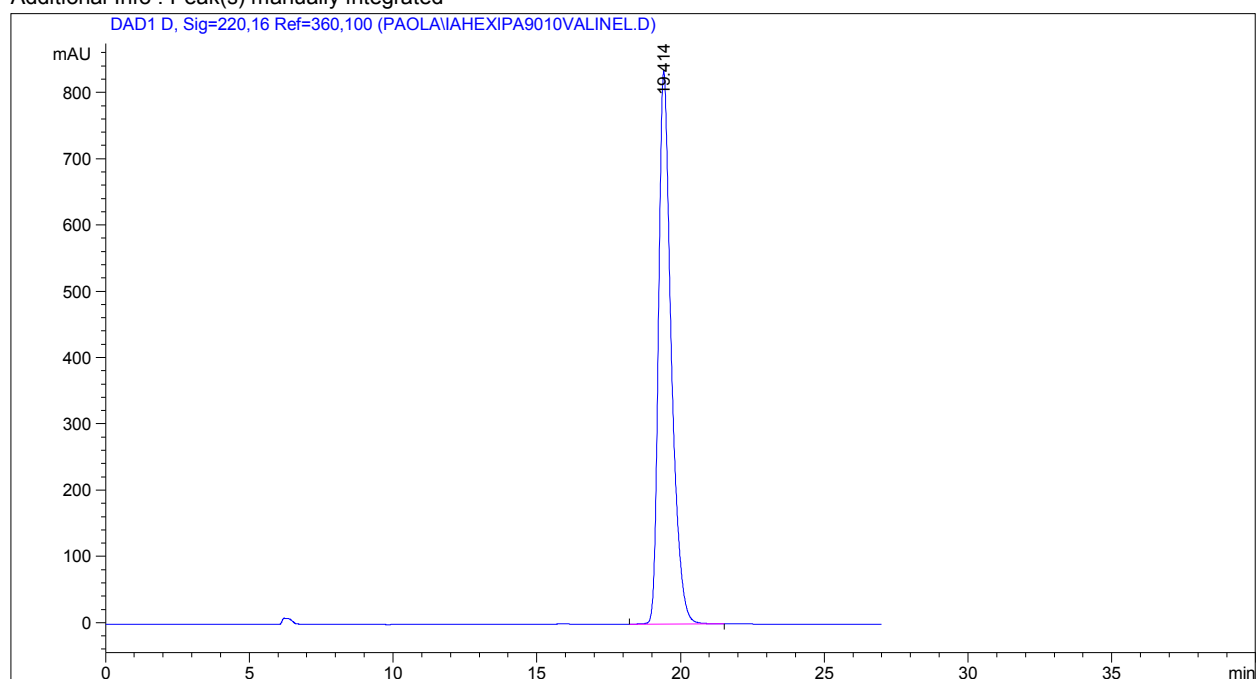
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1	16.129	BB	0.3894	1296.01025	49.84032	50.2204
2	19.473	BB	0.4585	1284.63550	42.04177	49.7796

Chiral HPLC analysis of *N*-benzoyl *L*-valine methyl ester

Method Info : Chiralpak IA, n-Hexane:IPA 90:10 (v/v), 0.5 ml/min, 15 bar

Sample Info : Chiralpak IA (250 x 4.6 mm, 5 micron) (Chiral Technologies Europe, France); Agilent Technologies (Waldbronn, Germany) 1100 Series HPLC system [high-pressure binary gradient system equipped with a diode-array detector operating at multiple wavelengths (220, 254, 280, 360 nm), a 20 µL sample loop and a thermostatted column compartment], n-hexane/IPA 90:10 (v/v), flow rate 0.5 ml/min, 15 bar

Additional Info : Peak(s) manually integrated



Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
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