

Determination of the Effective Redox Potentials of SmI₂, SmBr₂, SmCl₂, and their Complexes with Water by Reduction of Aromatic Hydrocarbons. Reduction of Anthracene (-E_{1/2} = 1.98 V) and Stilbene (-E_{1/2} = 2.21 V) by Samarium(II) Iodide–Water Complex (-E_{1/2} = 1.3 V)

Michal Szostak,* Malcolm Spain and David J. Procter*

School of Chemistry, University of Manchester, Oxford Road, Manchester, M13 9PL, UK

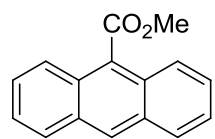
michal.szostak@manchester.ac.uk; david.j.procter@manchester.ac.uk

Supplementary Information

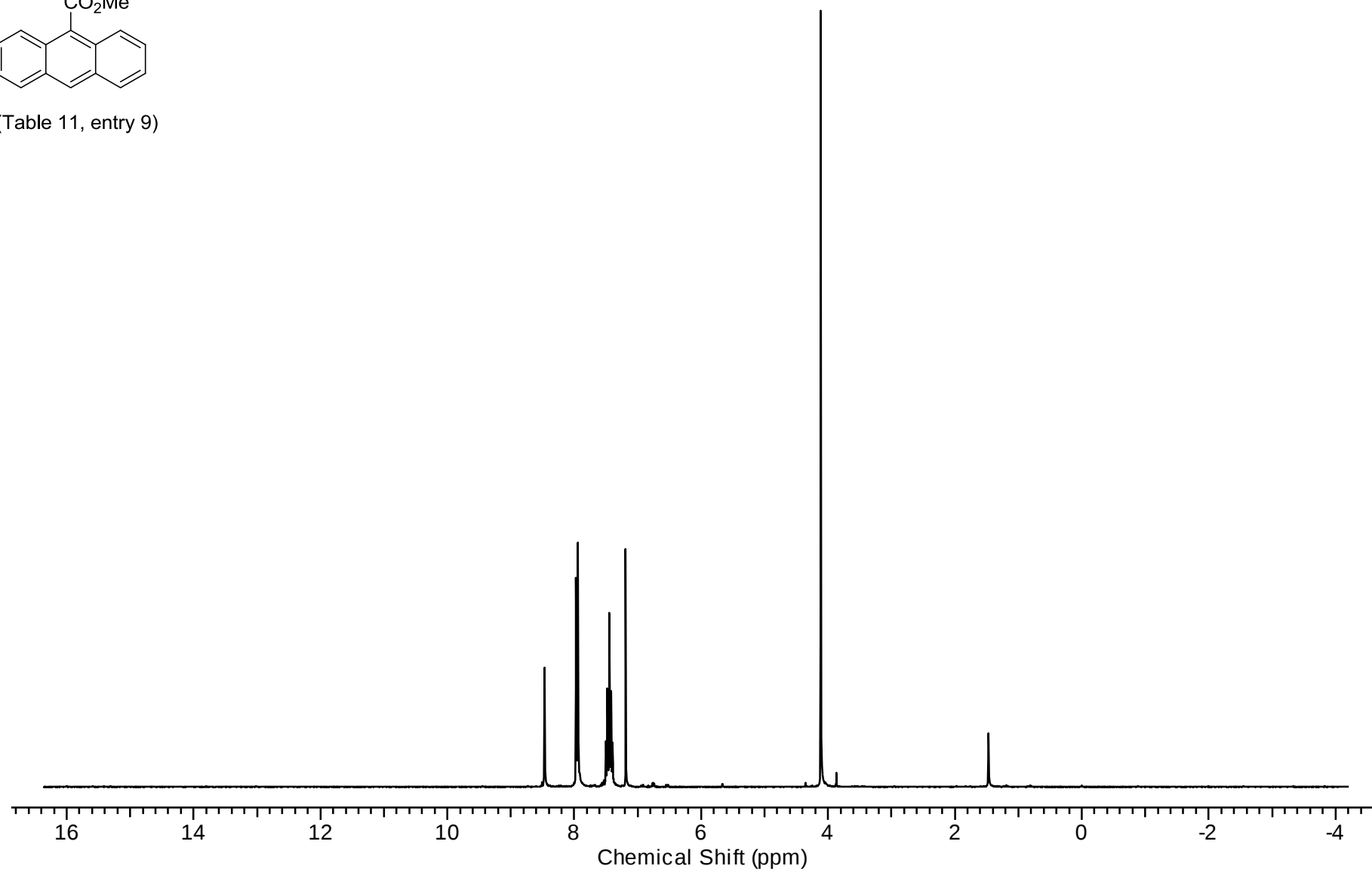
Table of Contents	1
¹ H and ¹³ C NMR Spectra	2

Corresponding Author:

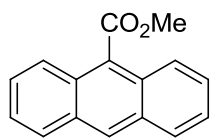
Dr. Michal Szostak
Professor David J. Procter
School of Chemistry
University of Manchester
Oxford Road
Manchester, M13 9PL
United Kingdom



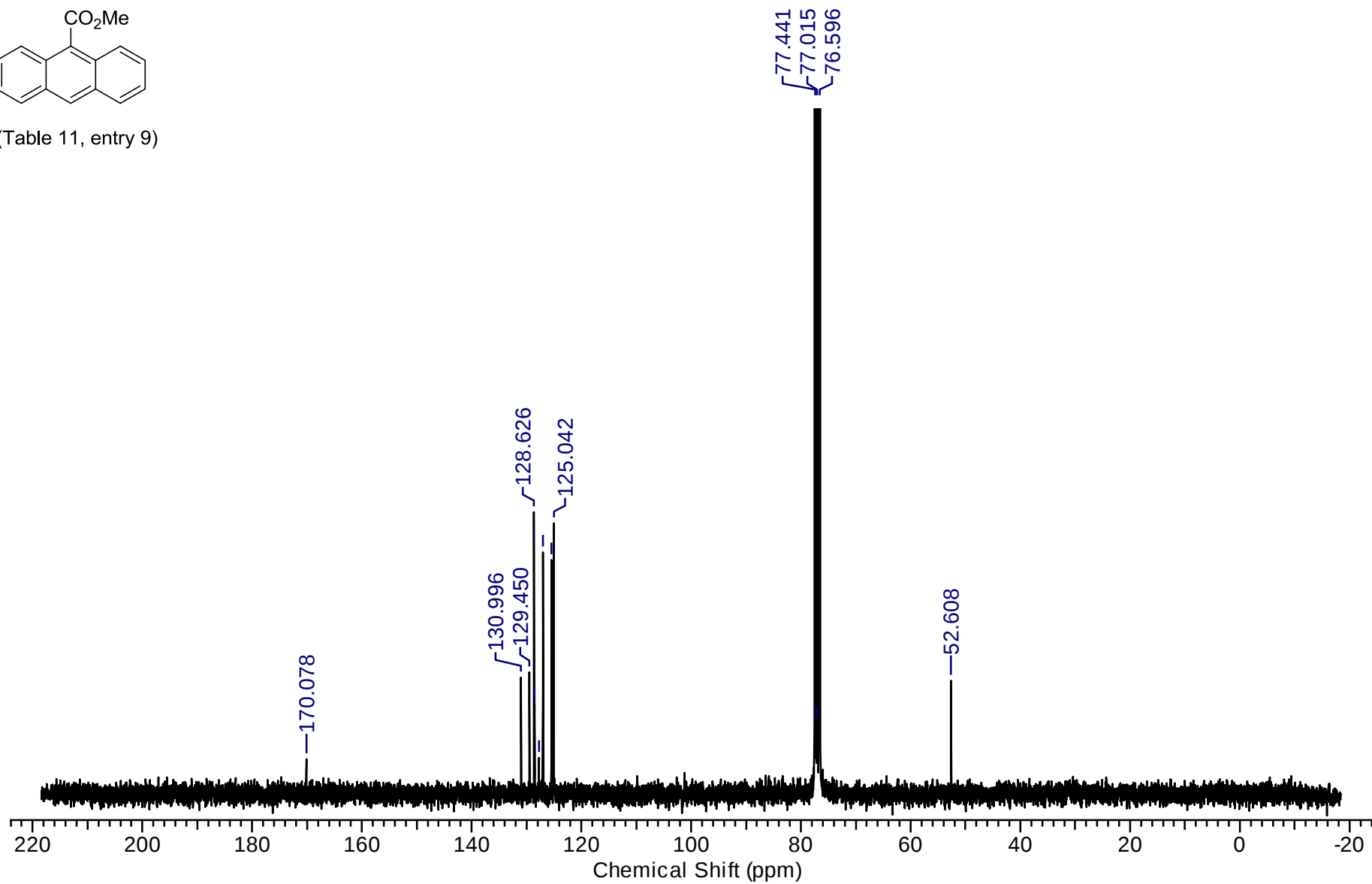
(Table 11, entry 9)



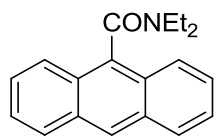
SI-2



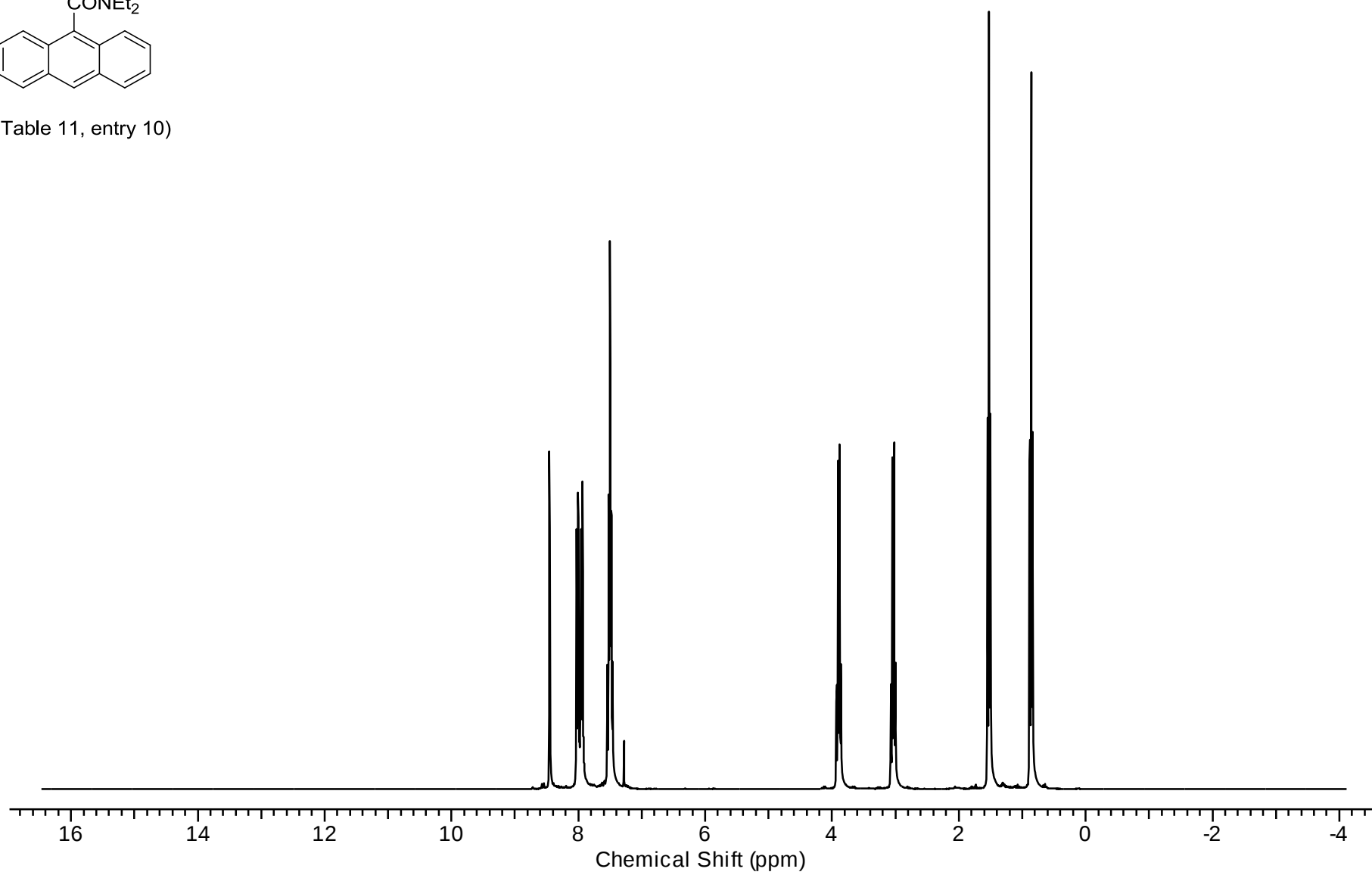
(Table 11, entry 9)



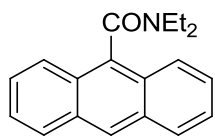
SI-3



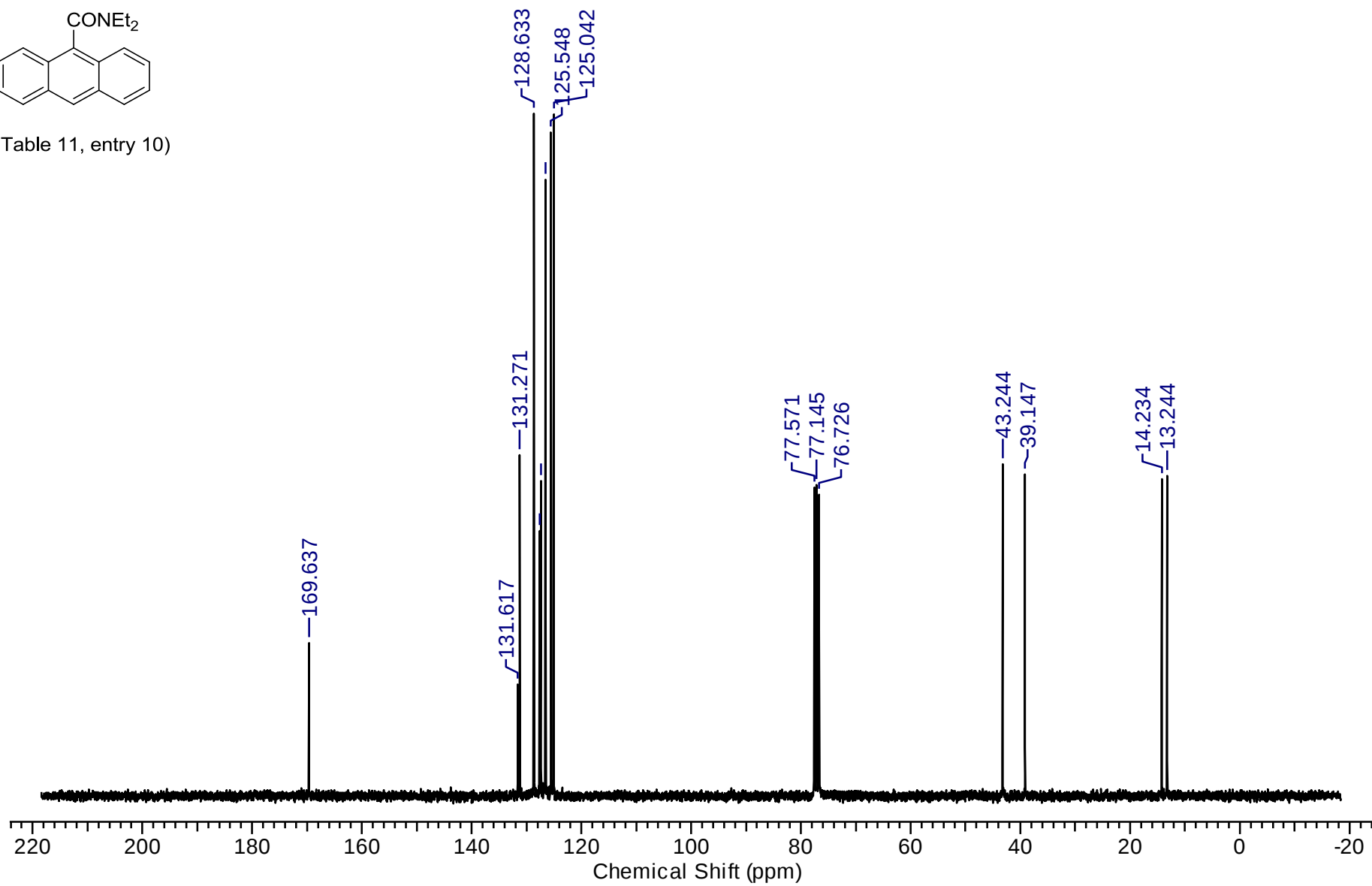
(Table 11, entry 10)



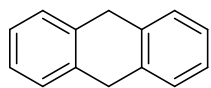
SI-4



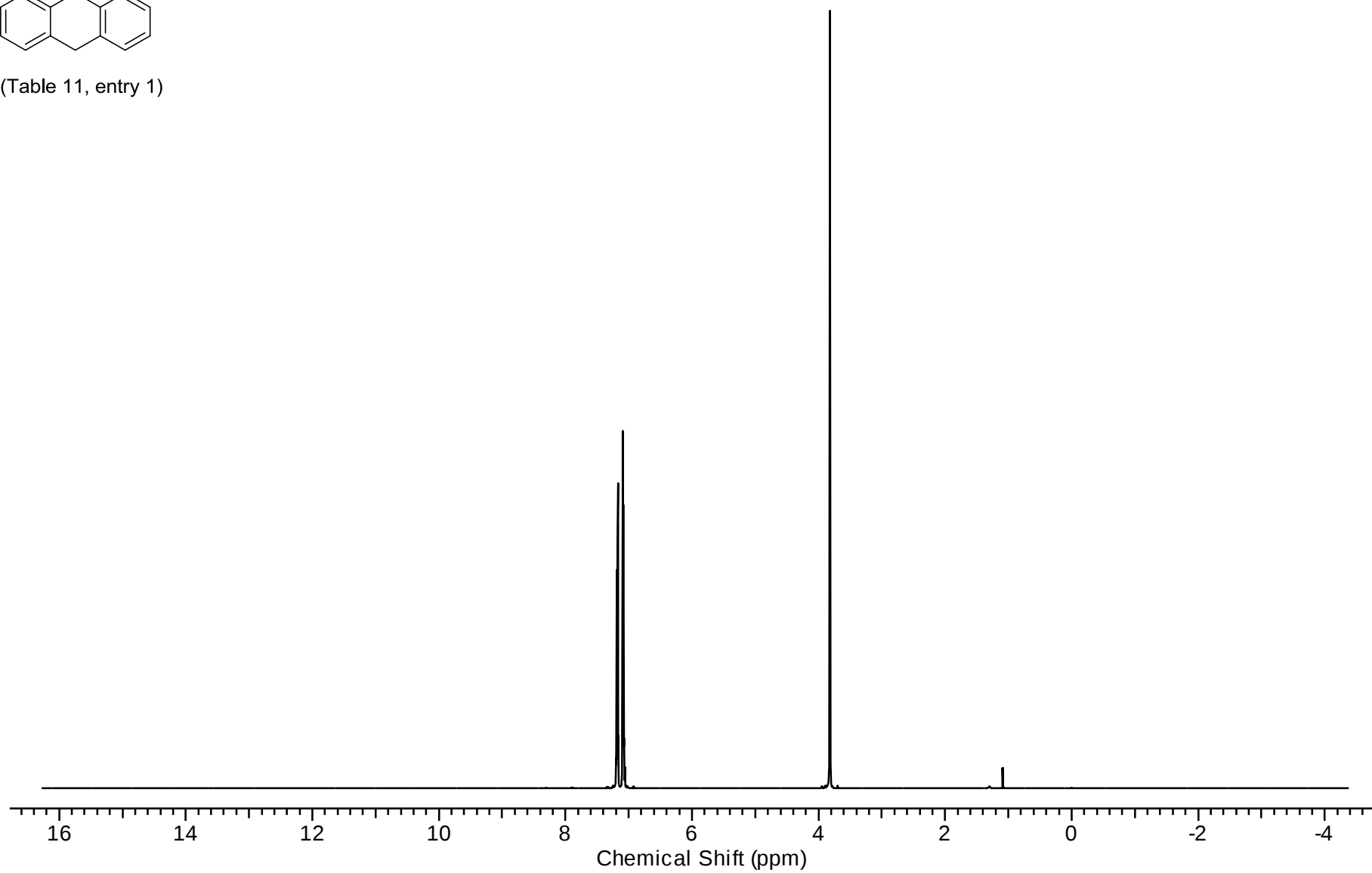
(Table 11, entry 10)



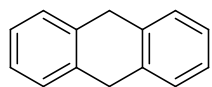
SI-5



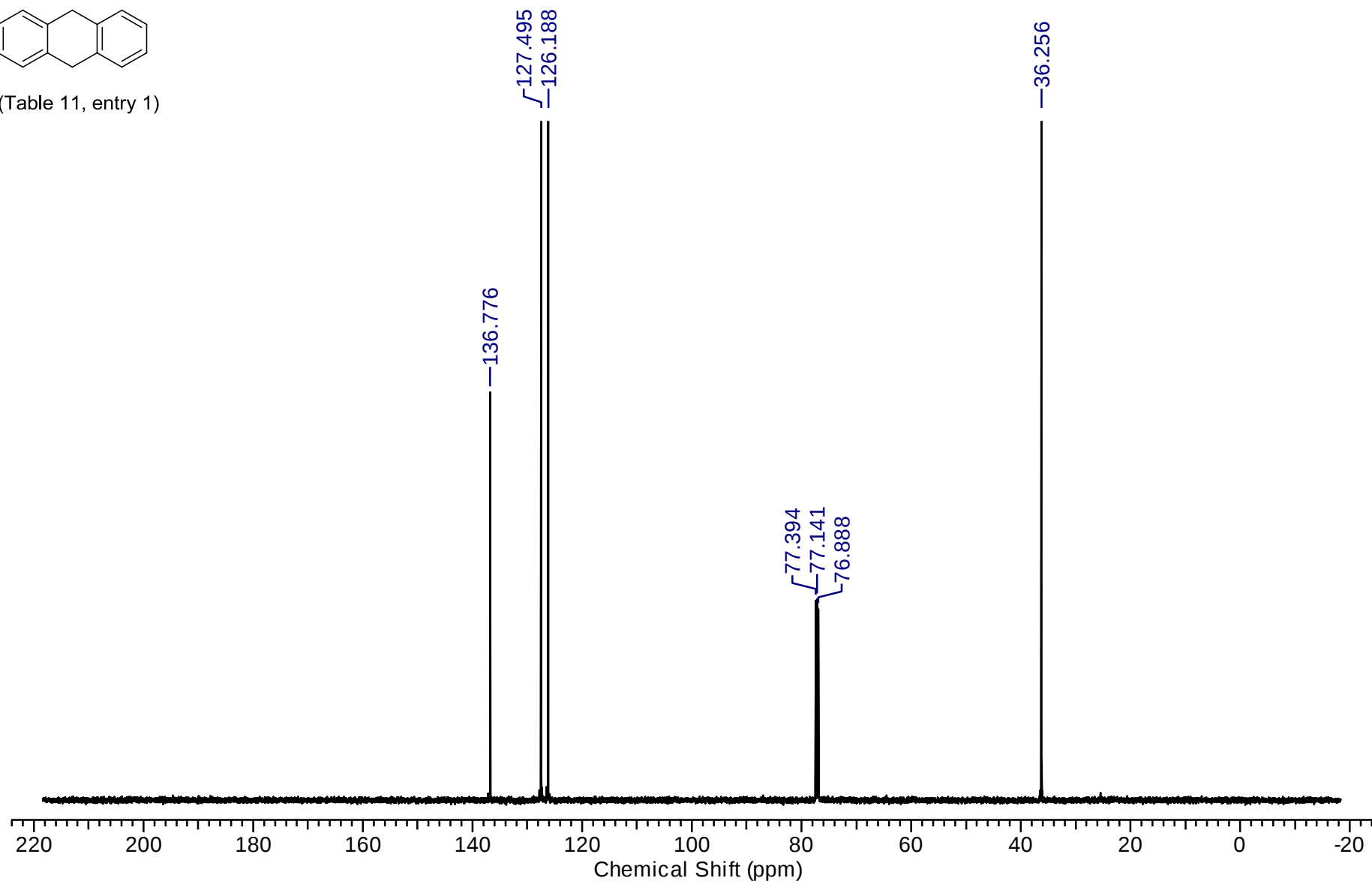
(Table 11, entry 1)



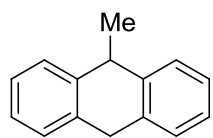
SI-6



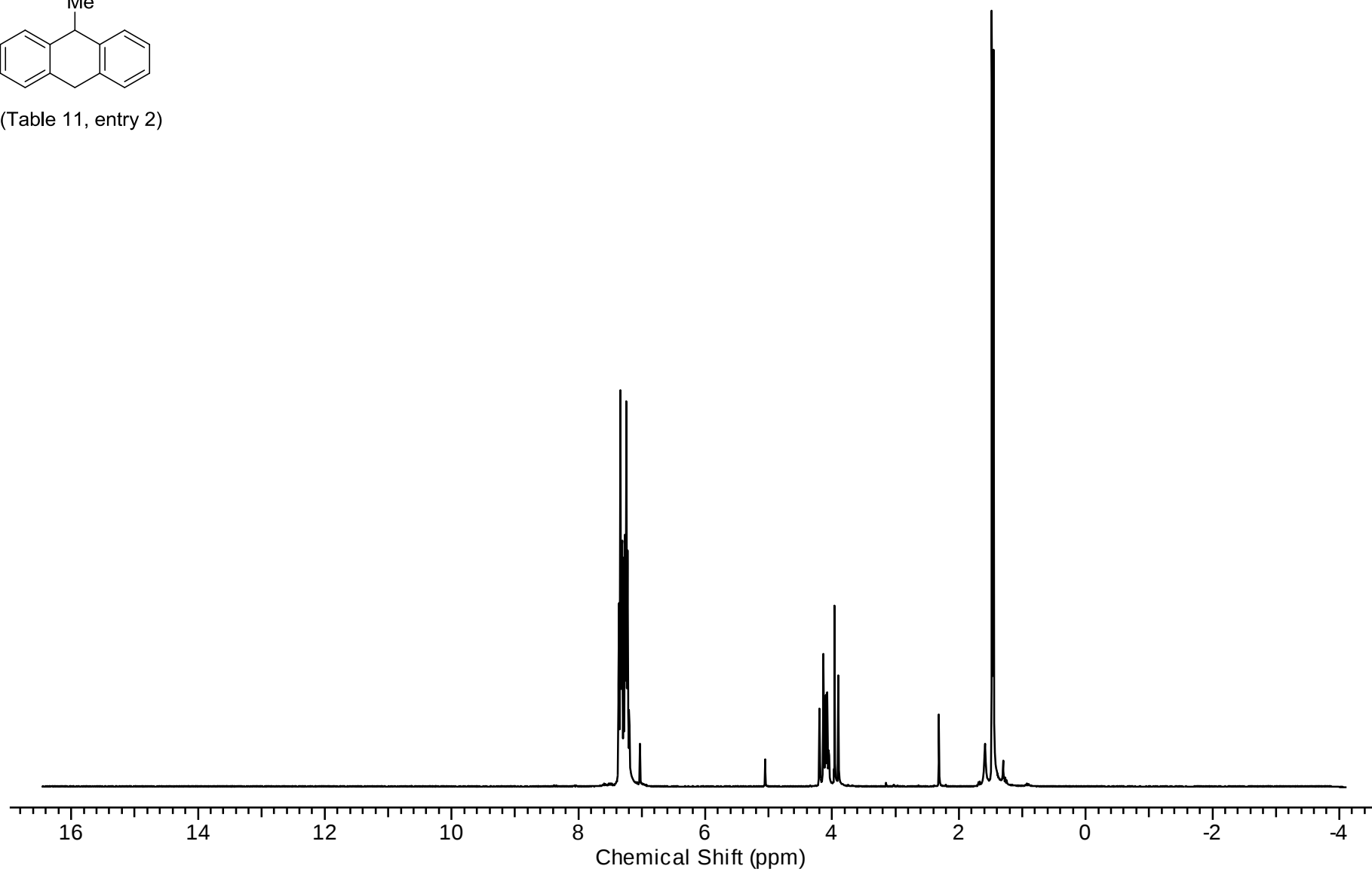
(Table 11, entry 1)



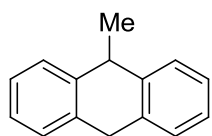
SI-7



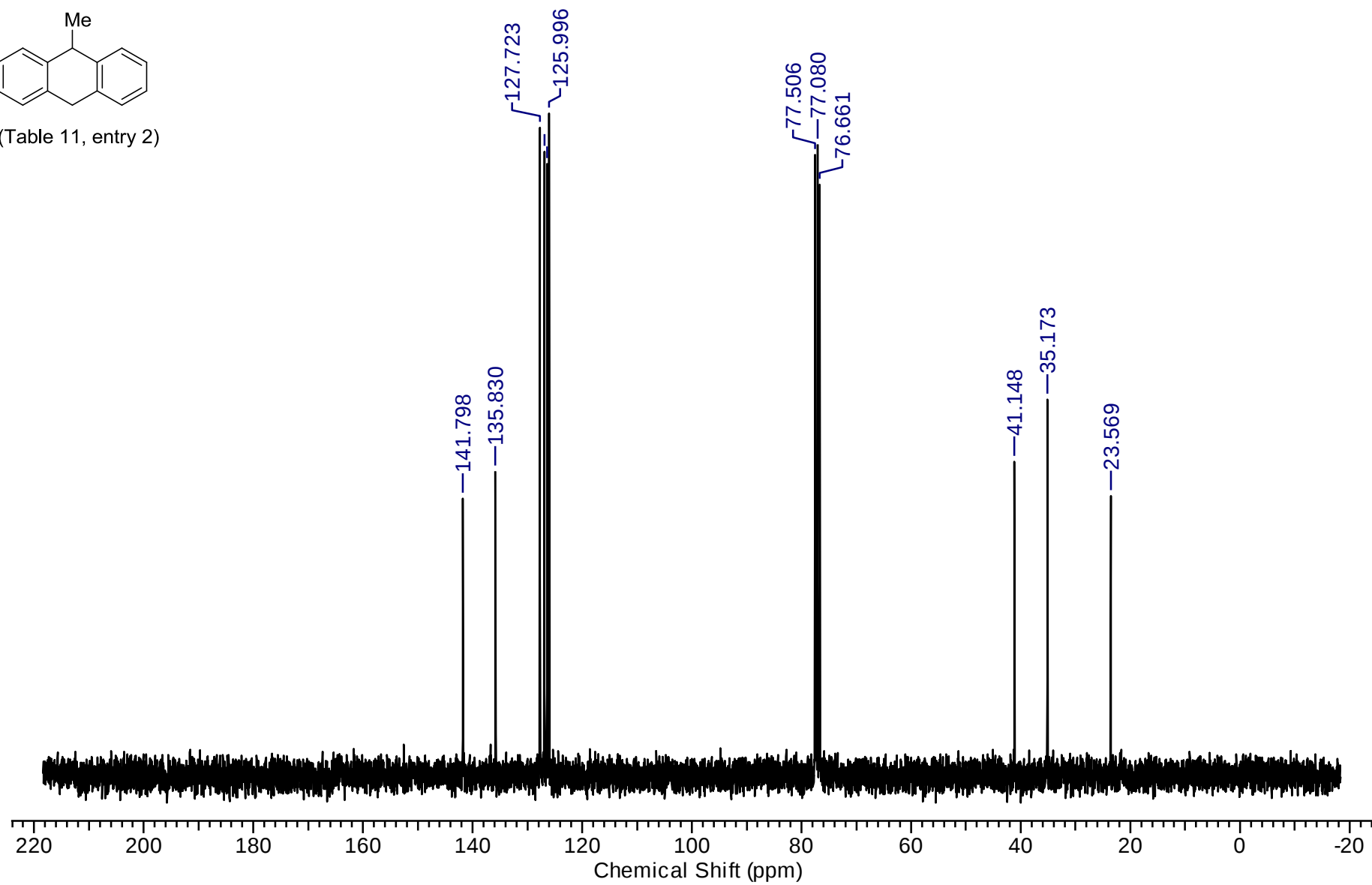
(Table 11, entry 2)

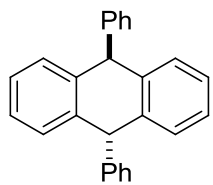


SI-8

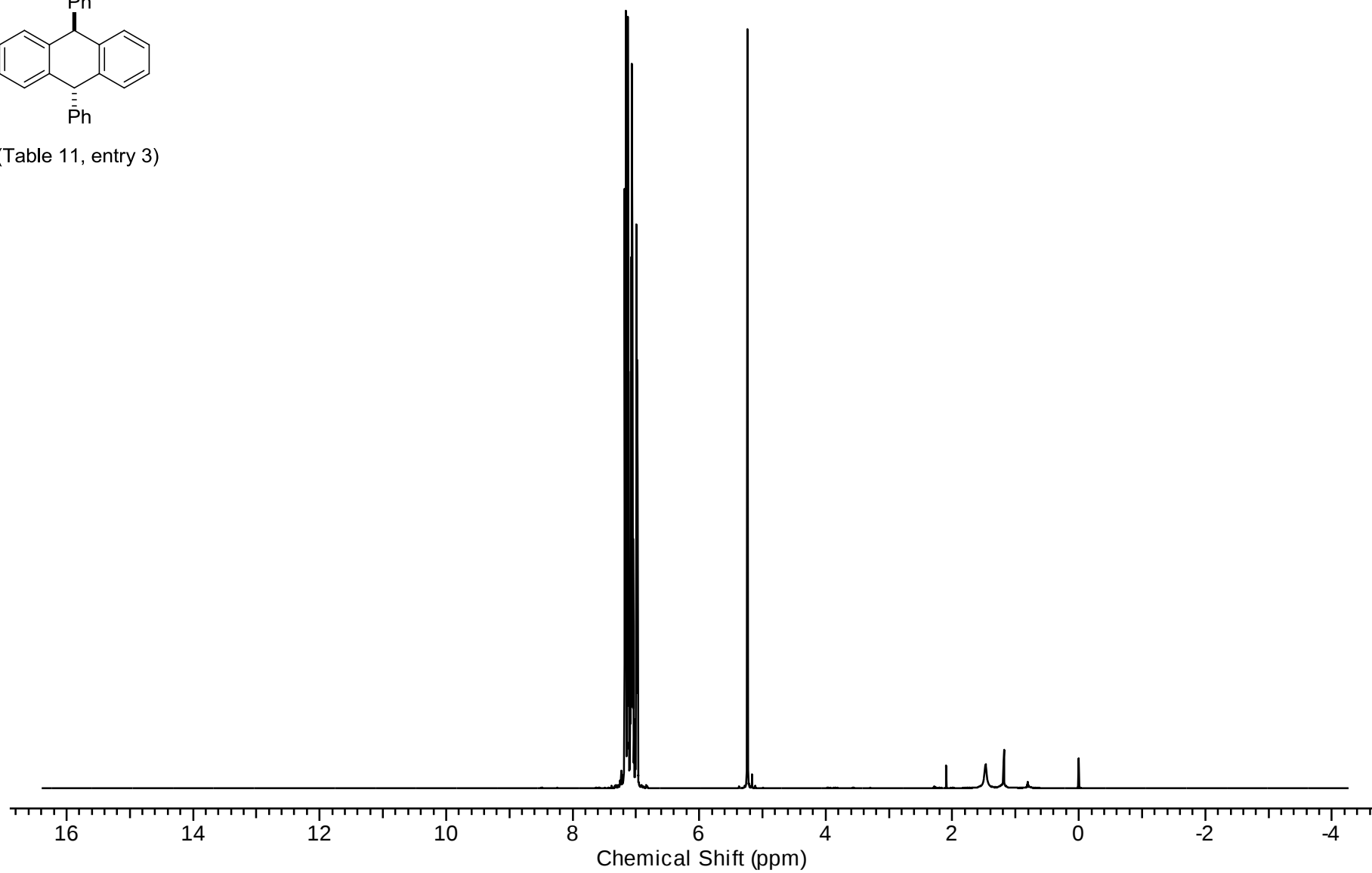


(Table 11, entry 2)

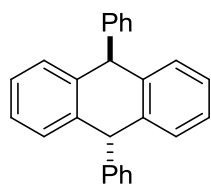




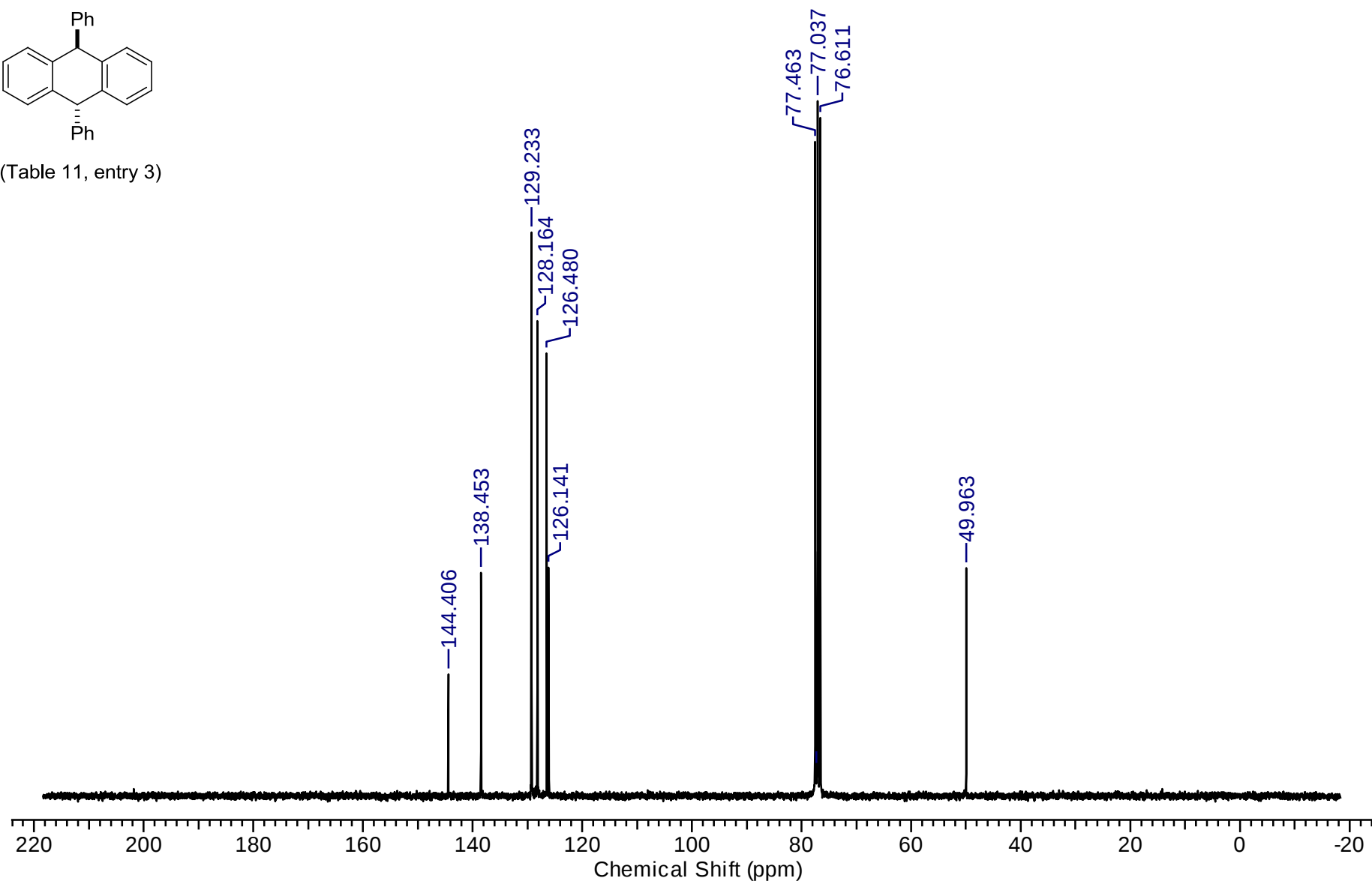
(Table 11, entry 3)

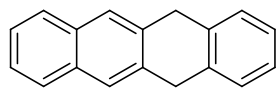


SI-10

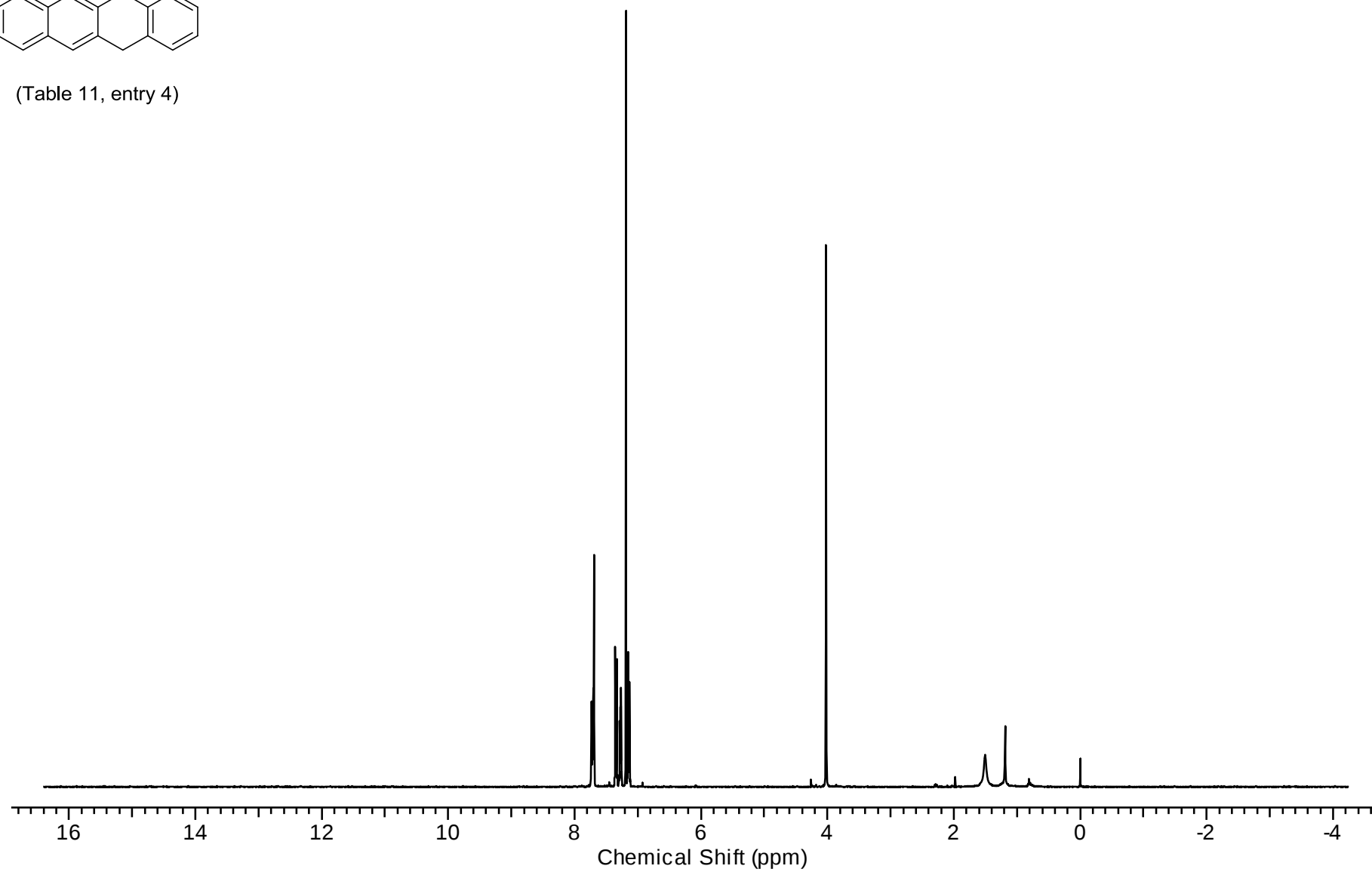


(Table 11, entry 3)

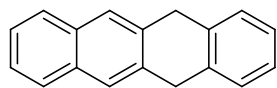




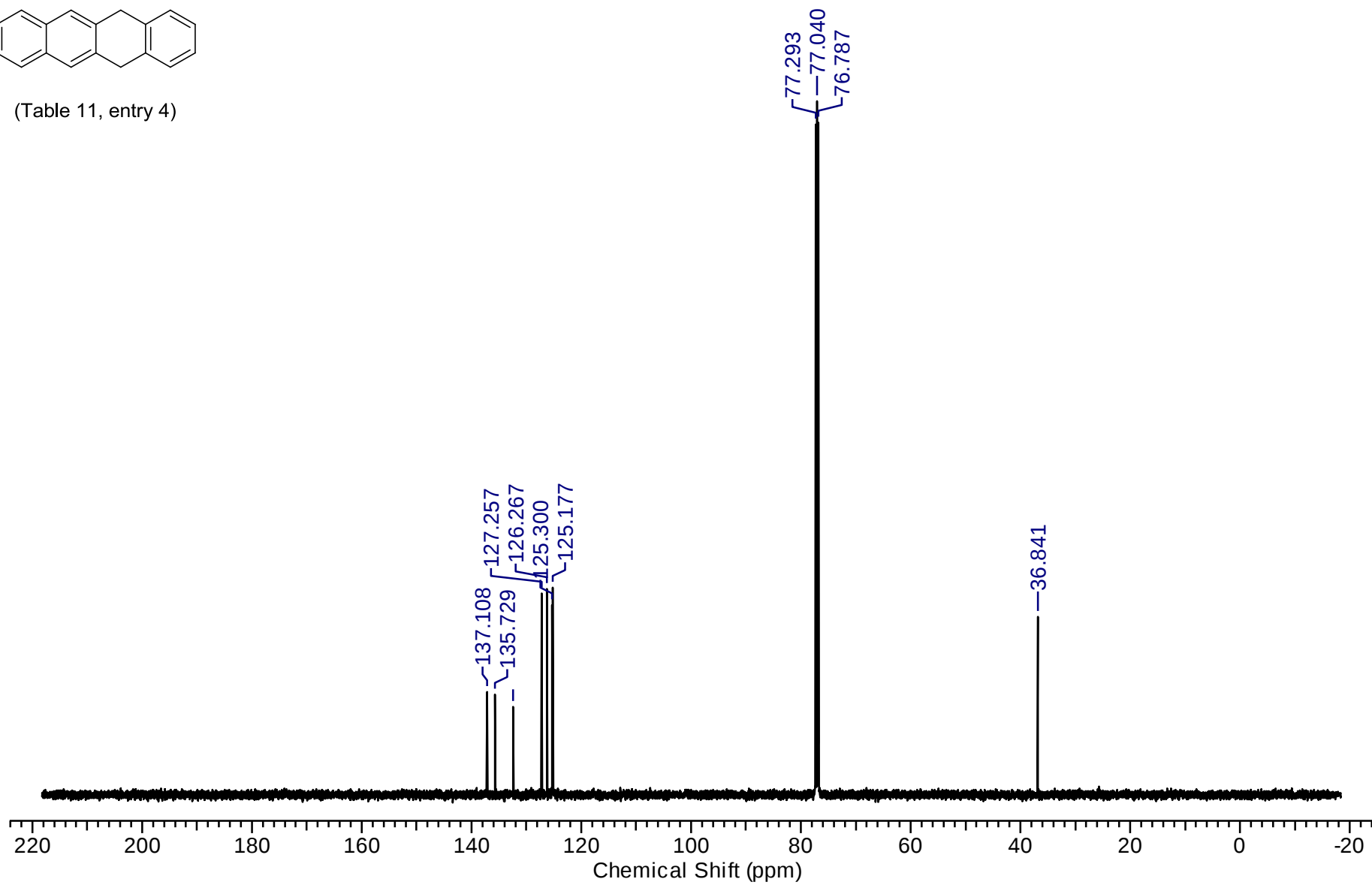
(Table 11, entry 4)

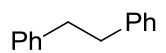


SI-12

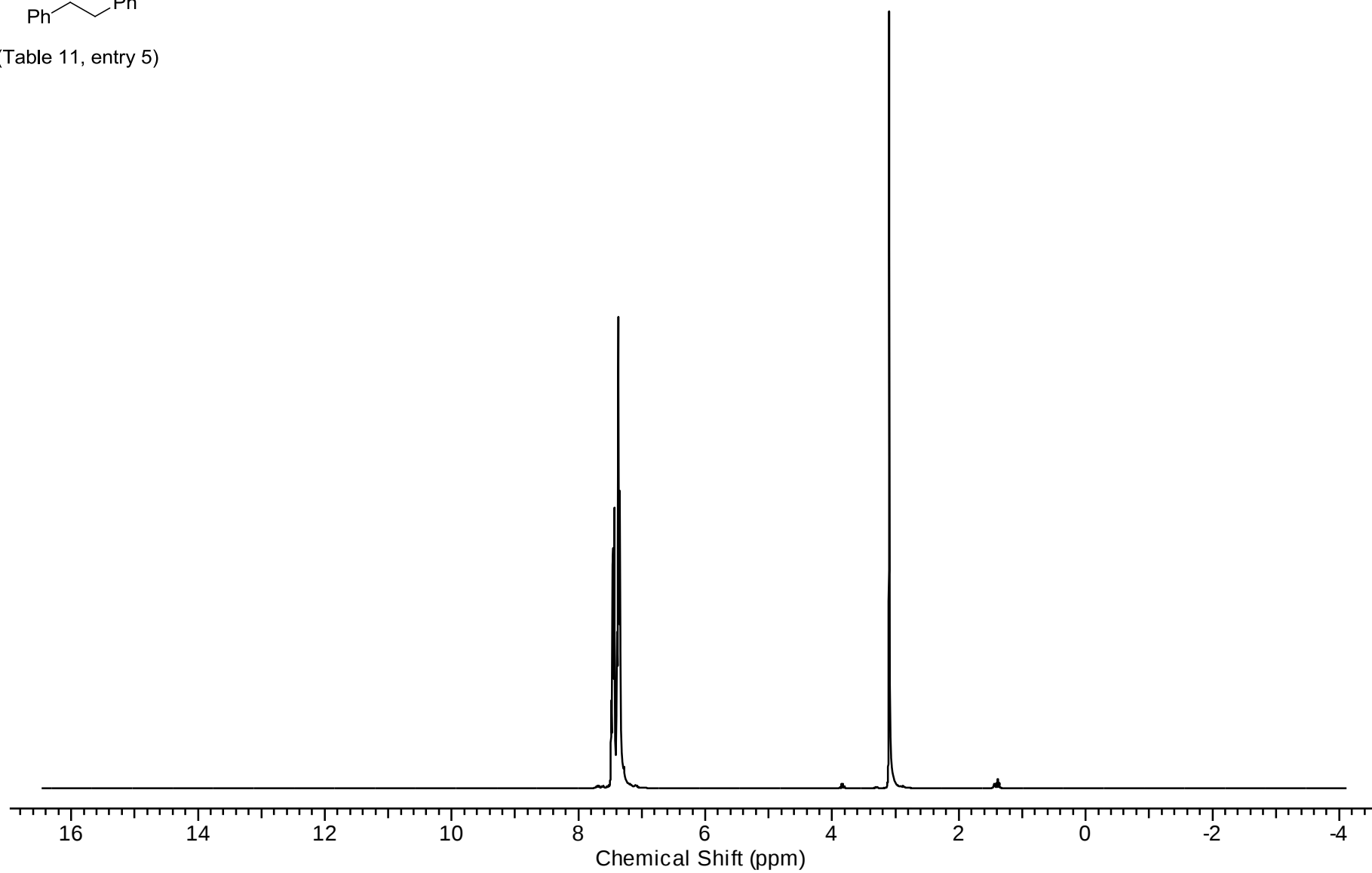


(Table 11, entry 4)

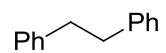




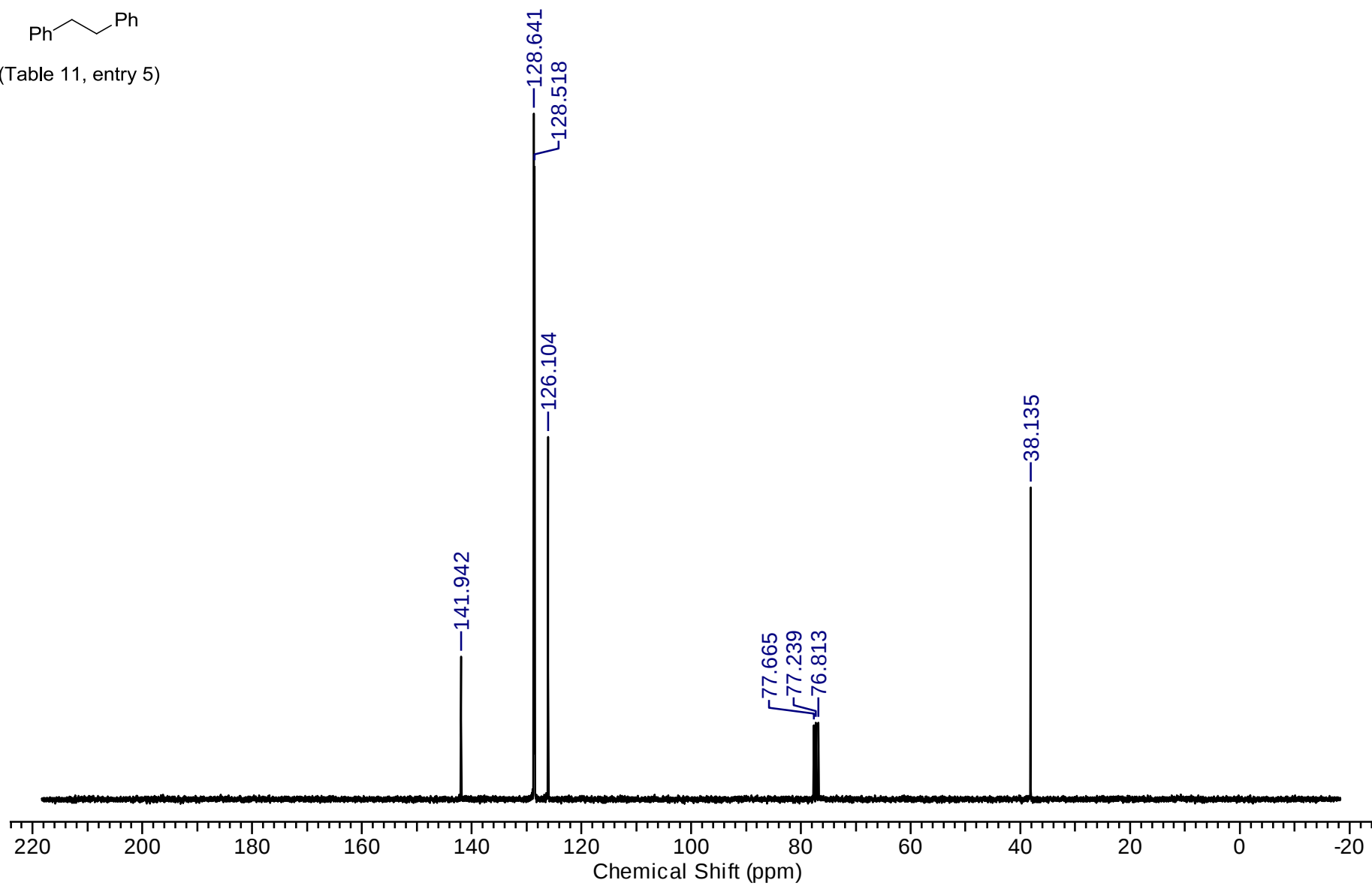
(Table 11, entry 5)

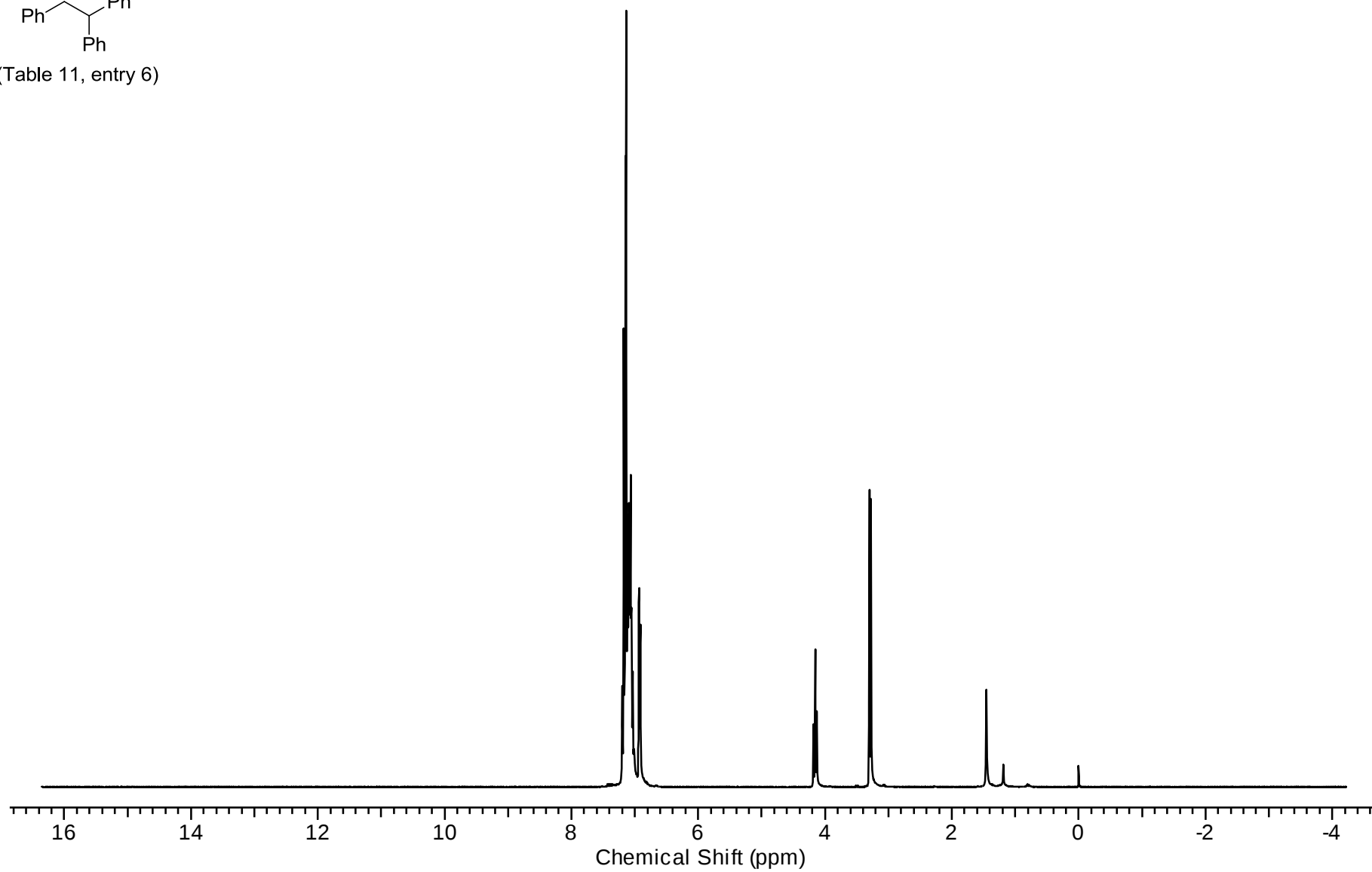
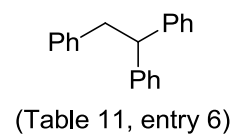


SI-14

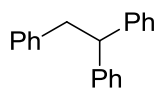


(Table 11, entry 5)

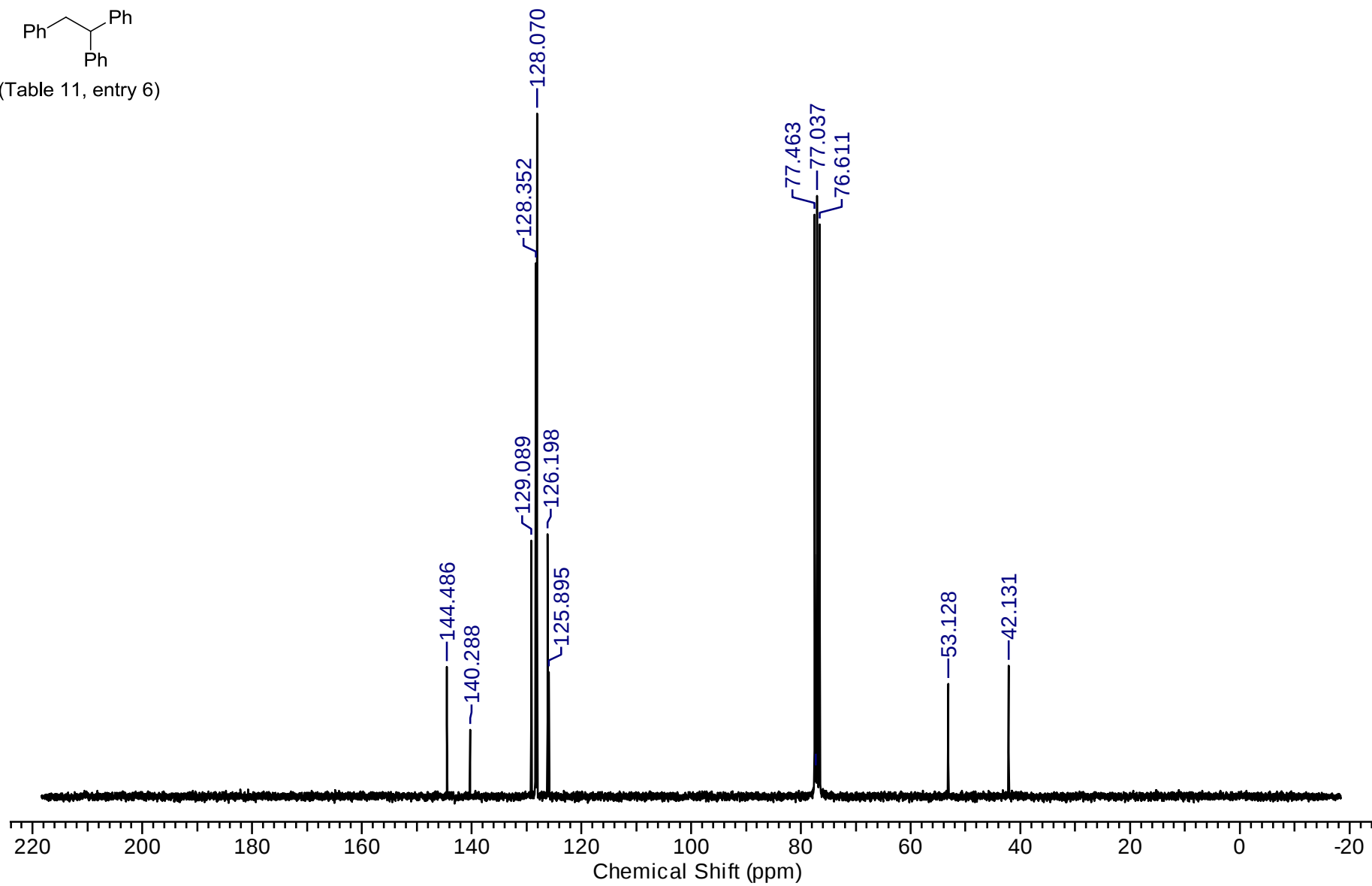


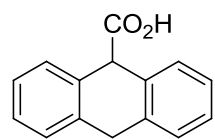


SI-16

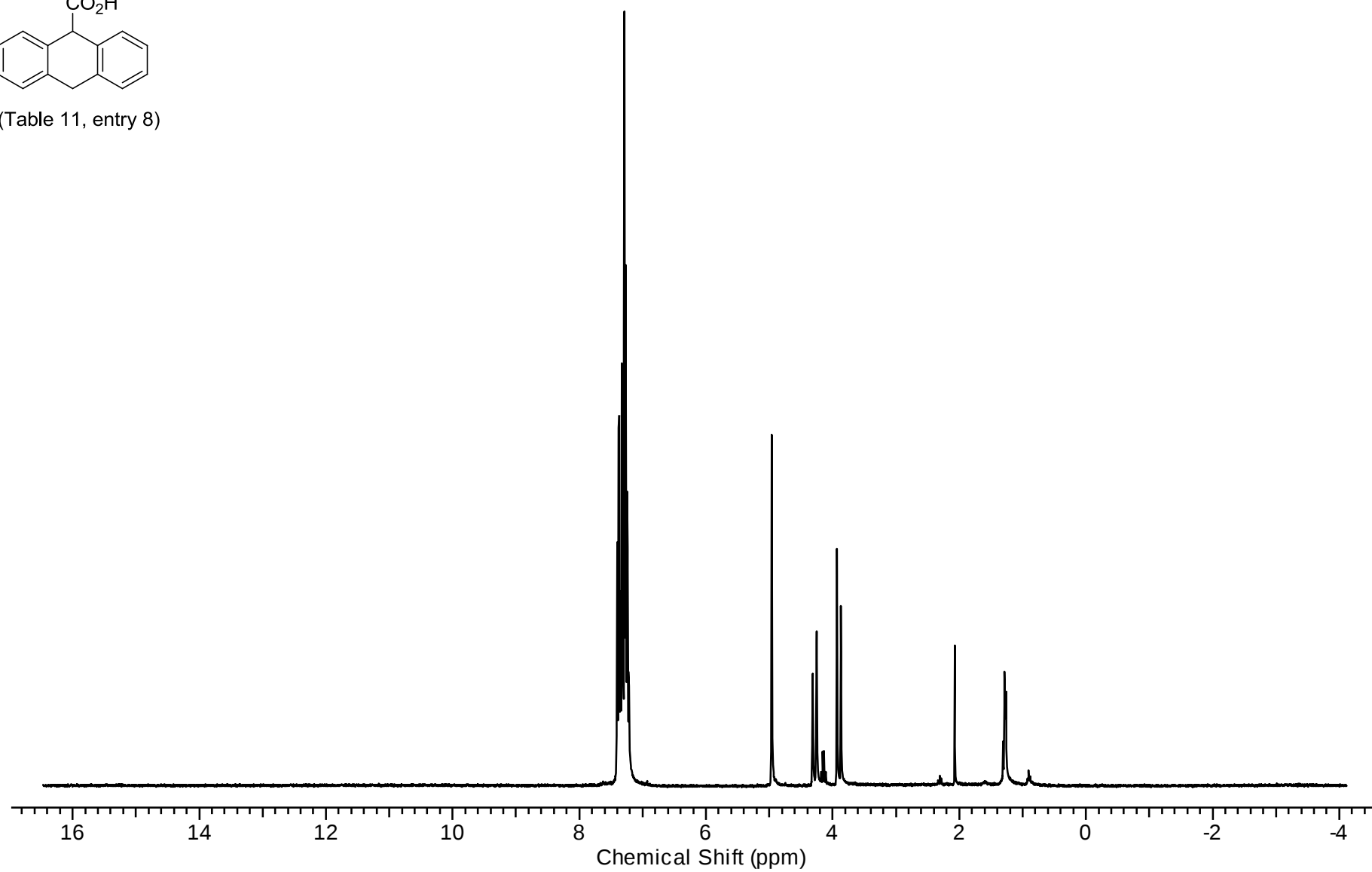


(Table 11, entry 6)

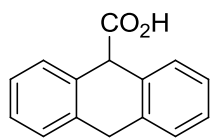




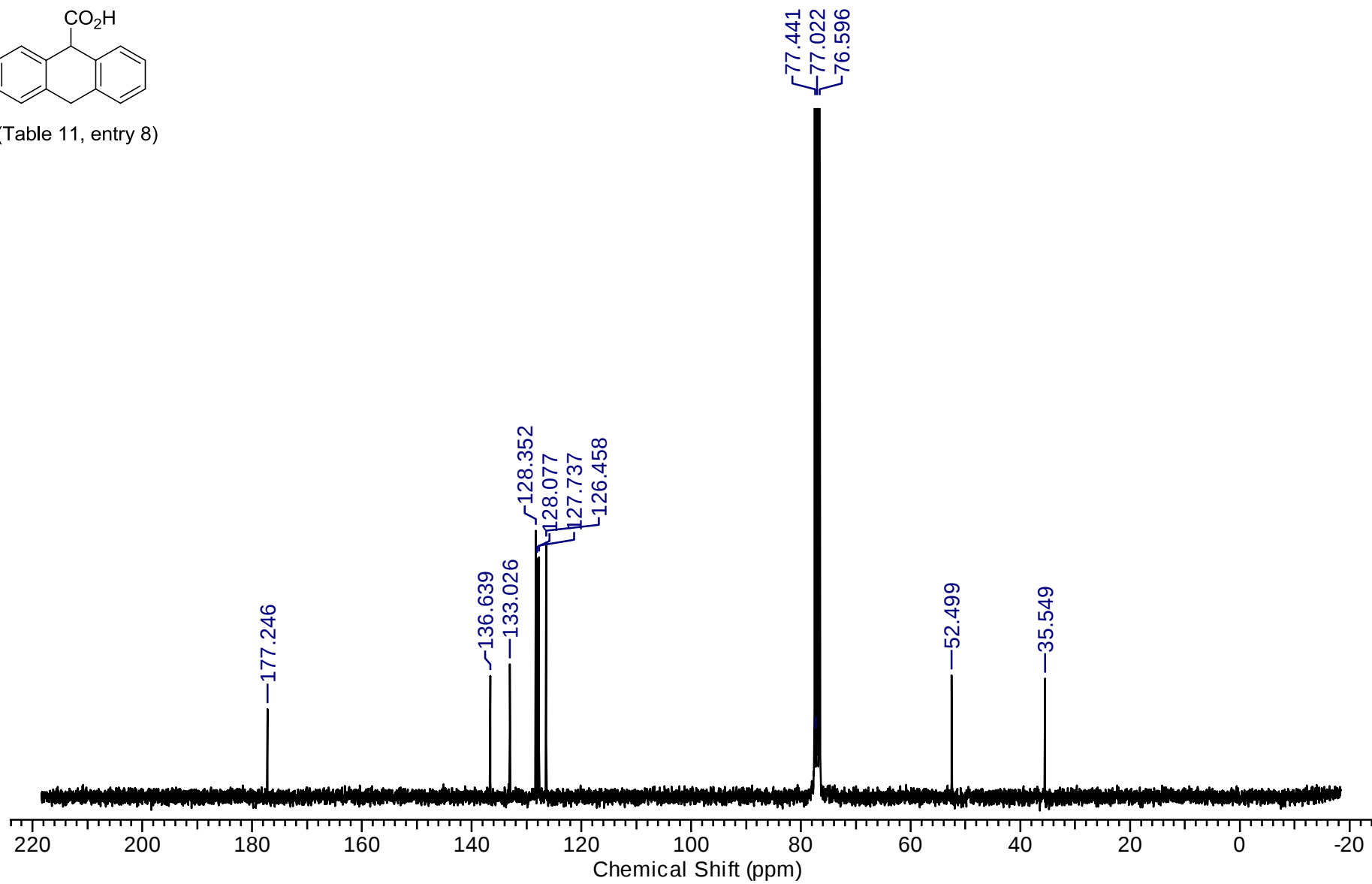
(Table 11, entry 8)

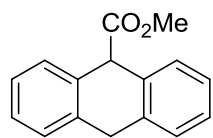


SI-18

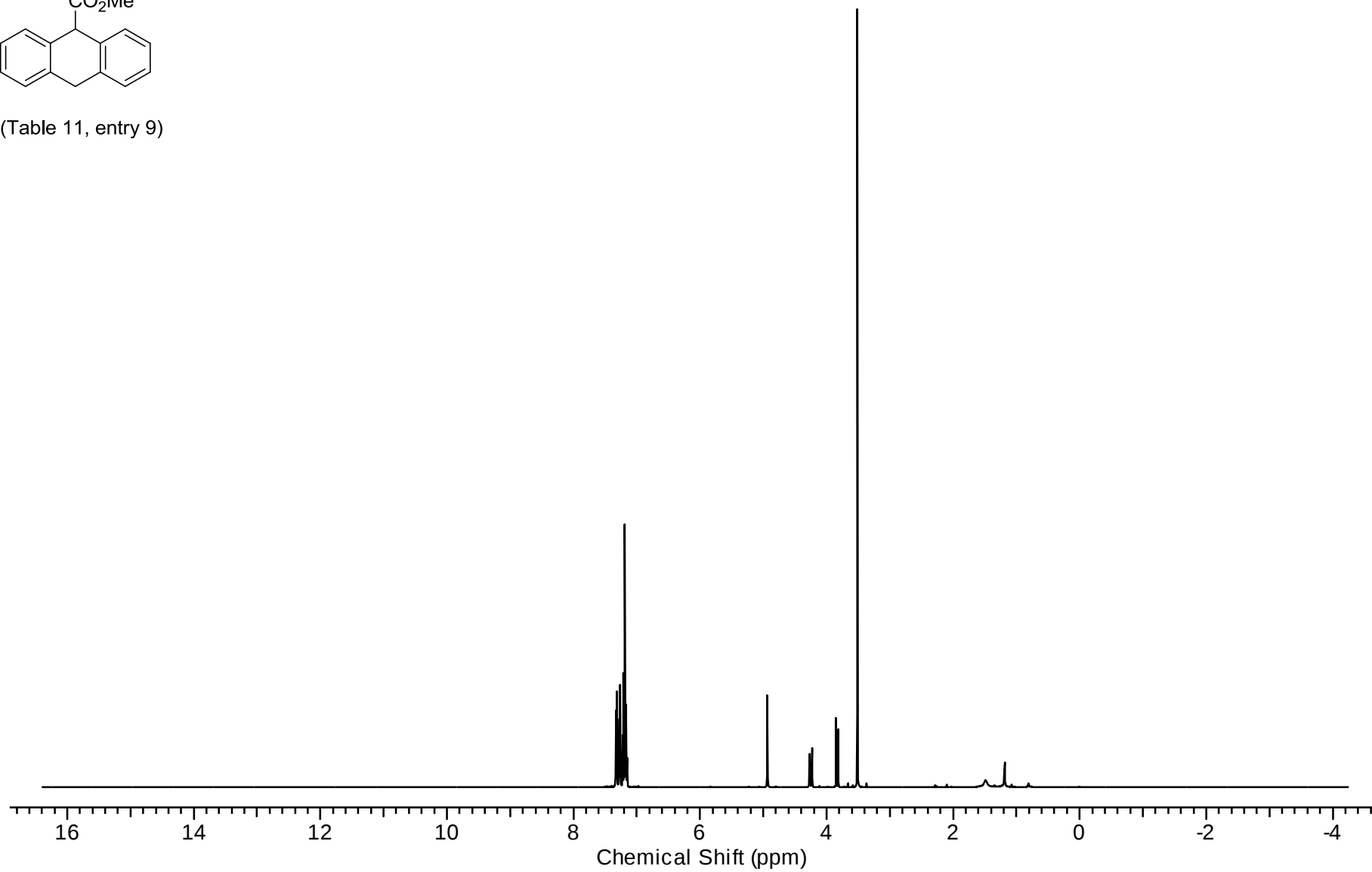


(Table 11, entry 8)

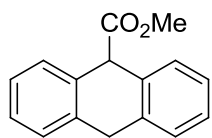




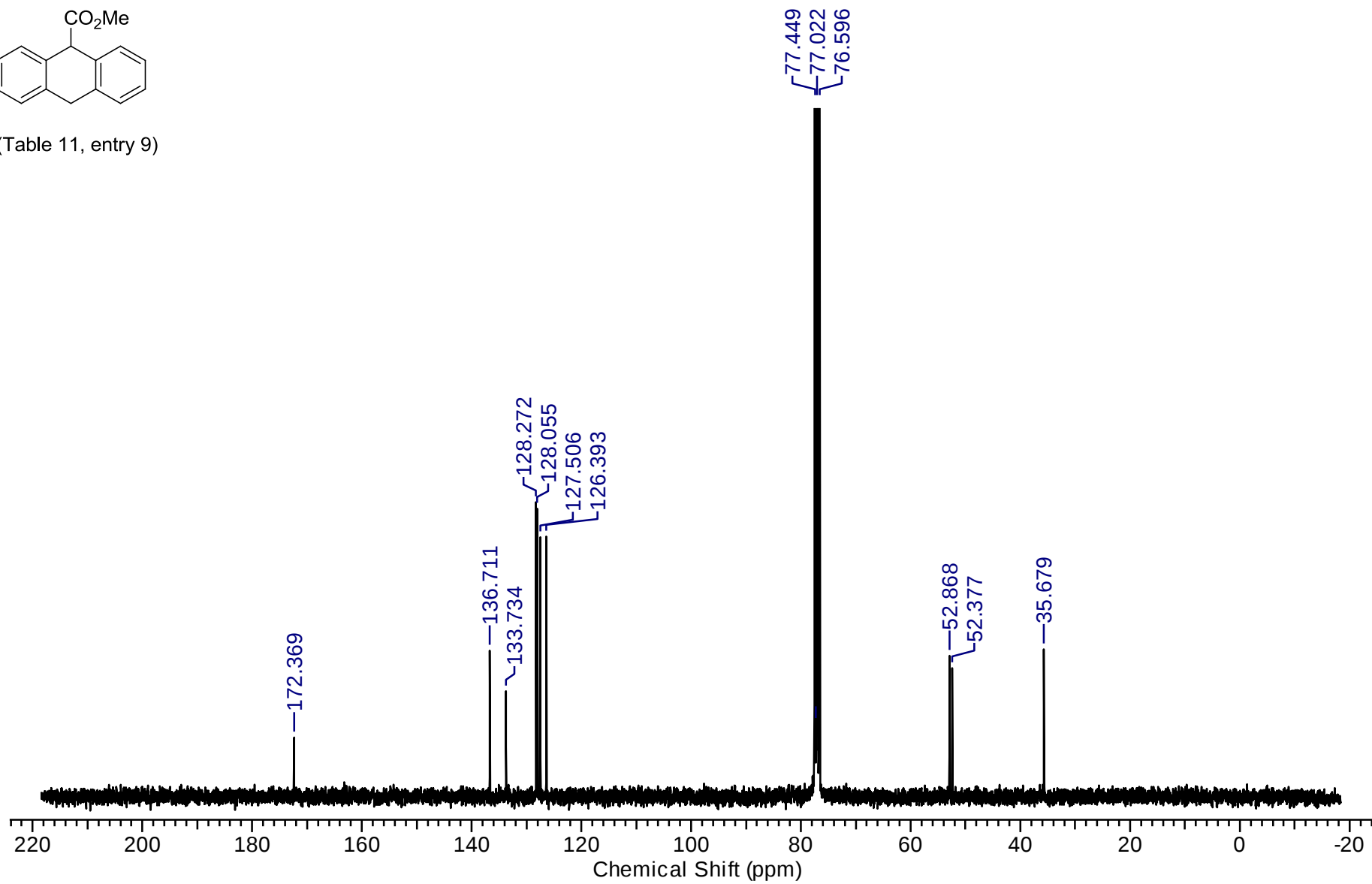
(Table 11, entry 9)

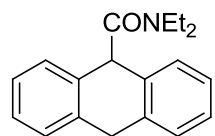


SI-20

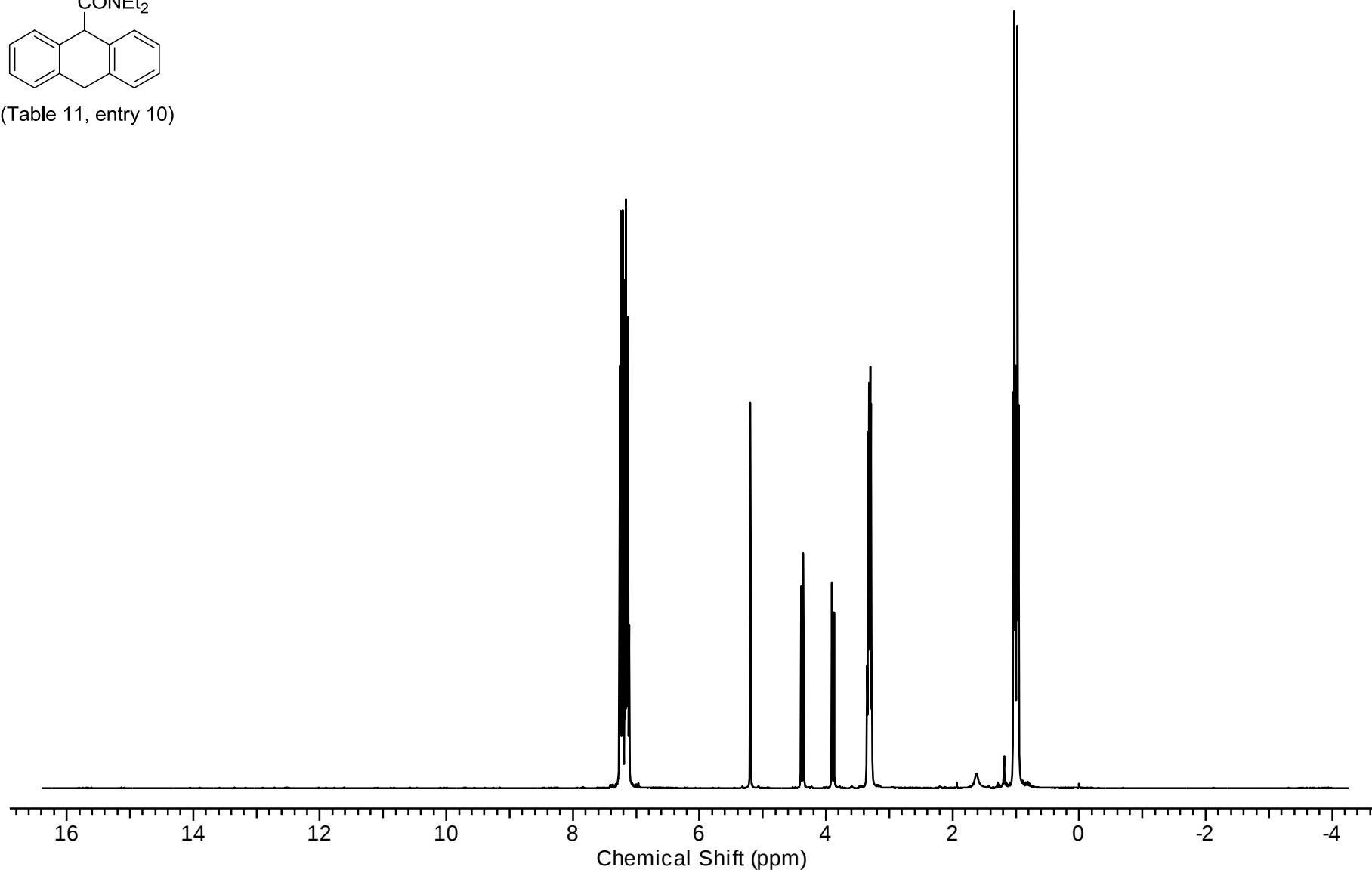


(Table 11, entry 9)

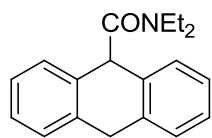




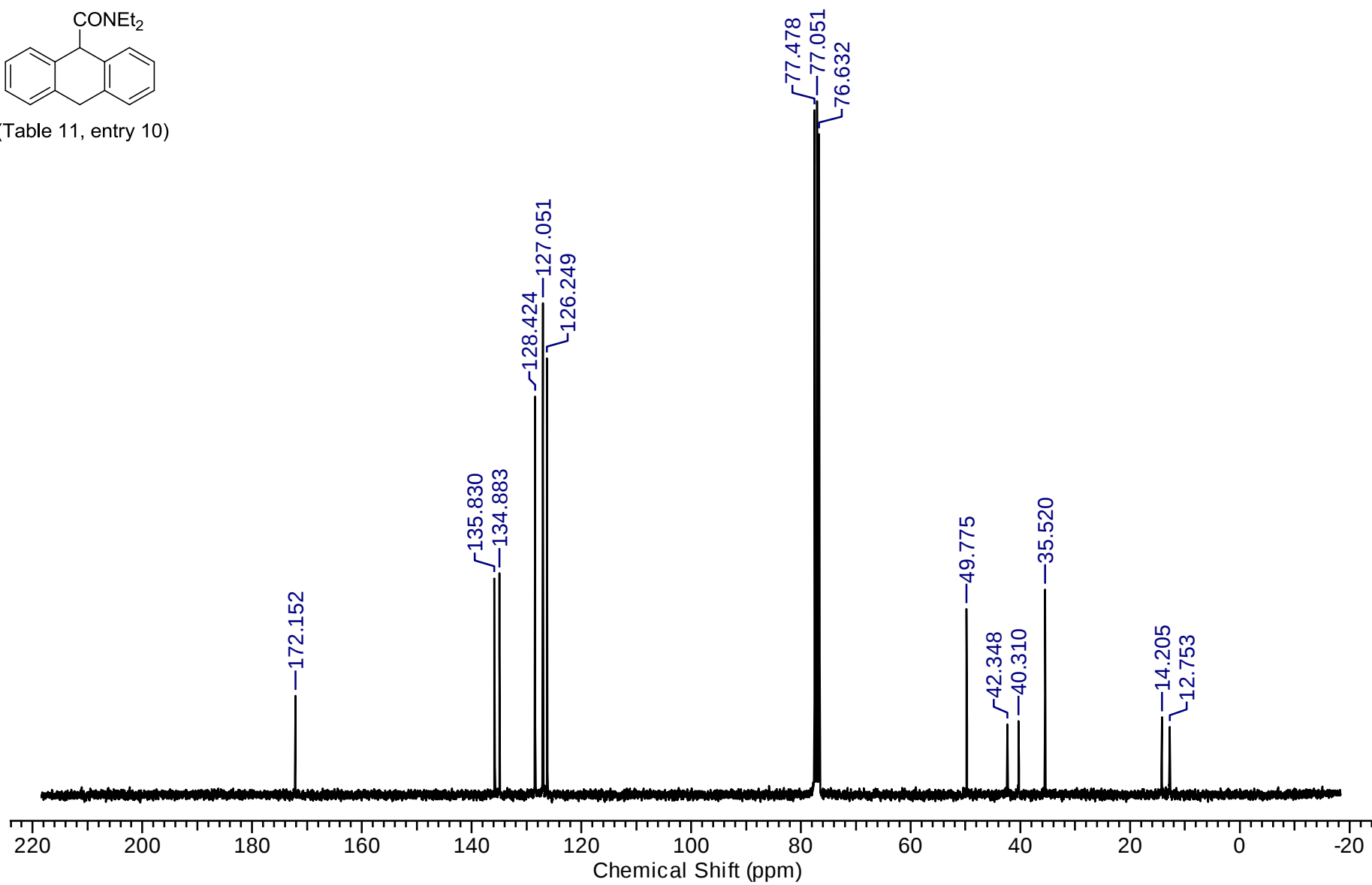
(Table 11, entry 10)

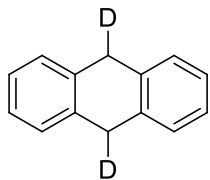


SI-22

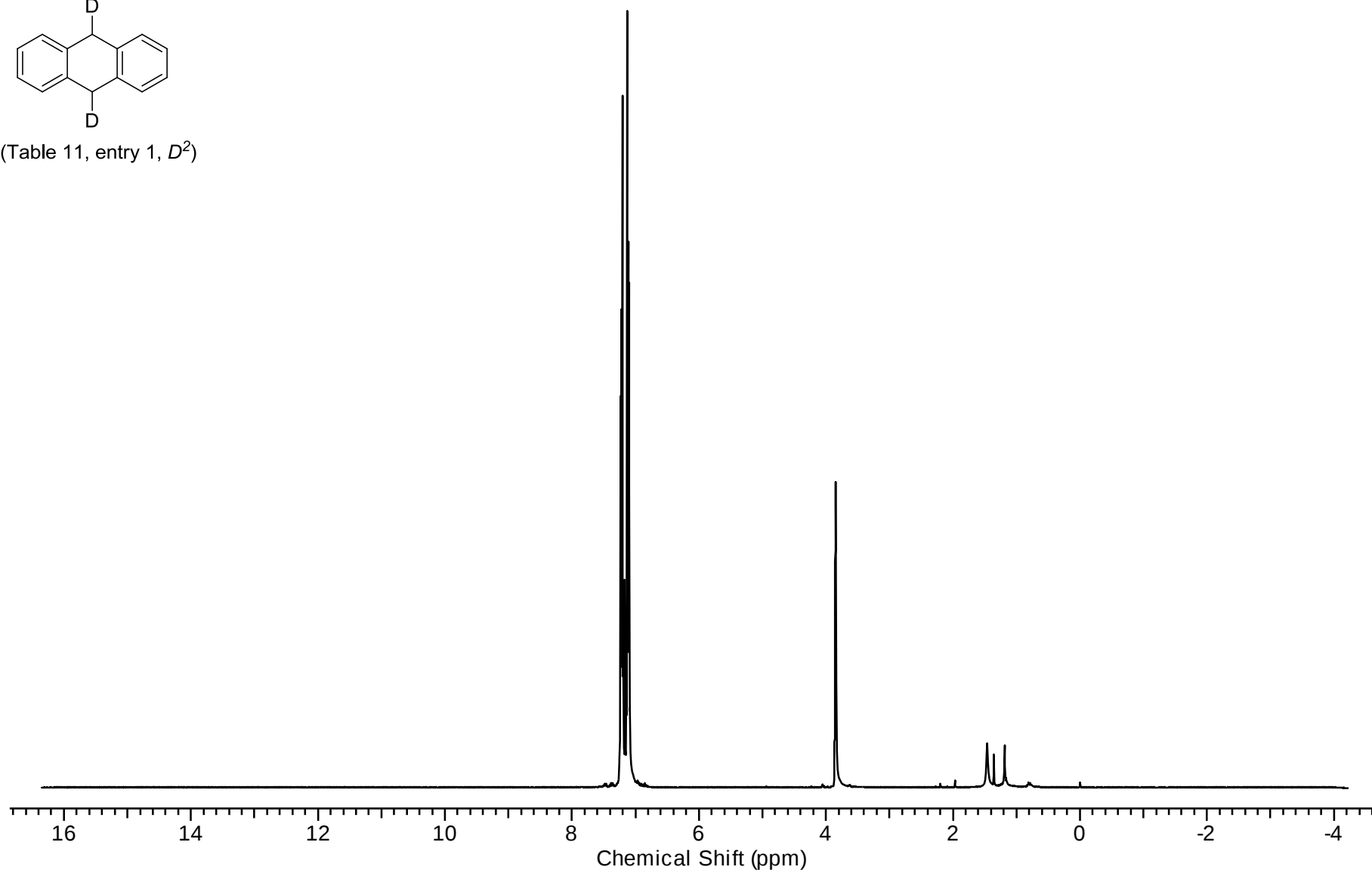


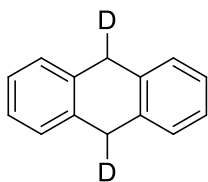
(Table 11, entry 10)



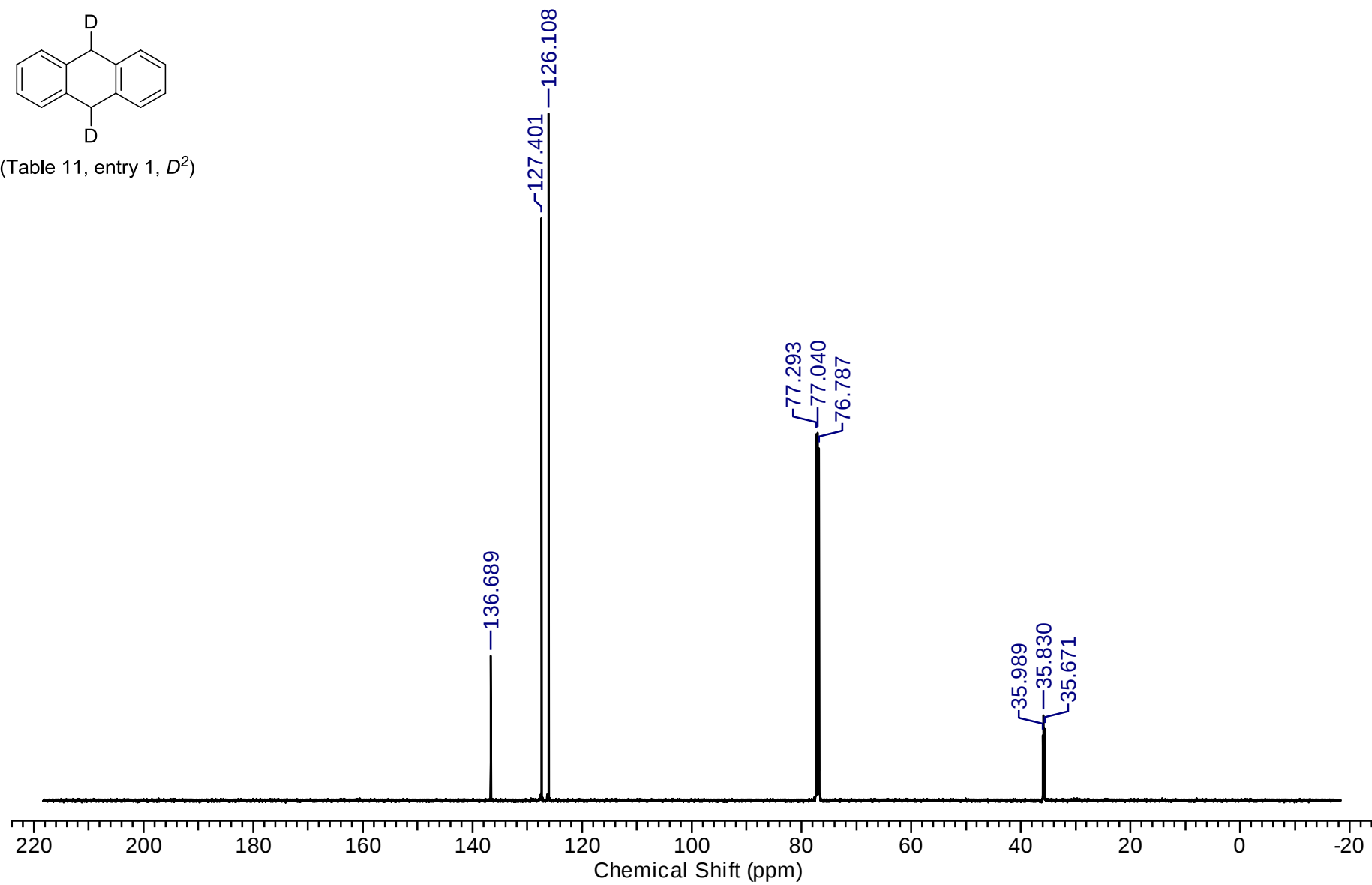


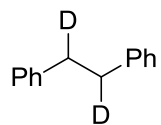
(Table 11, entry 1, D²)



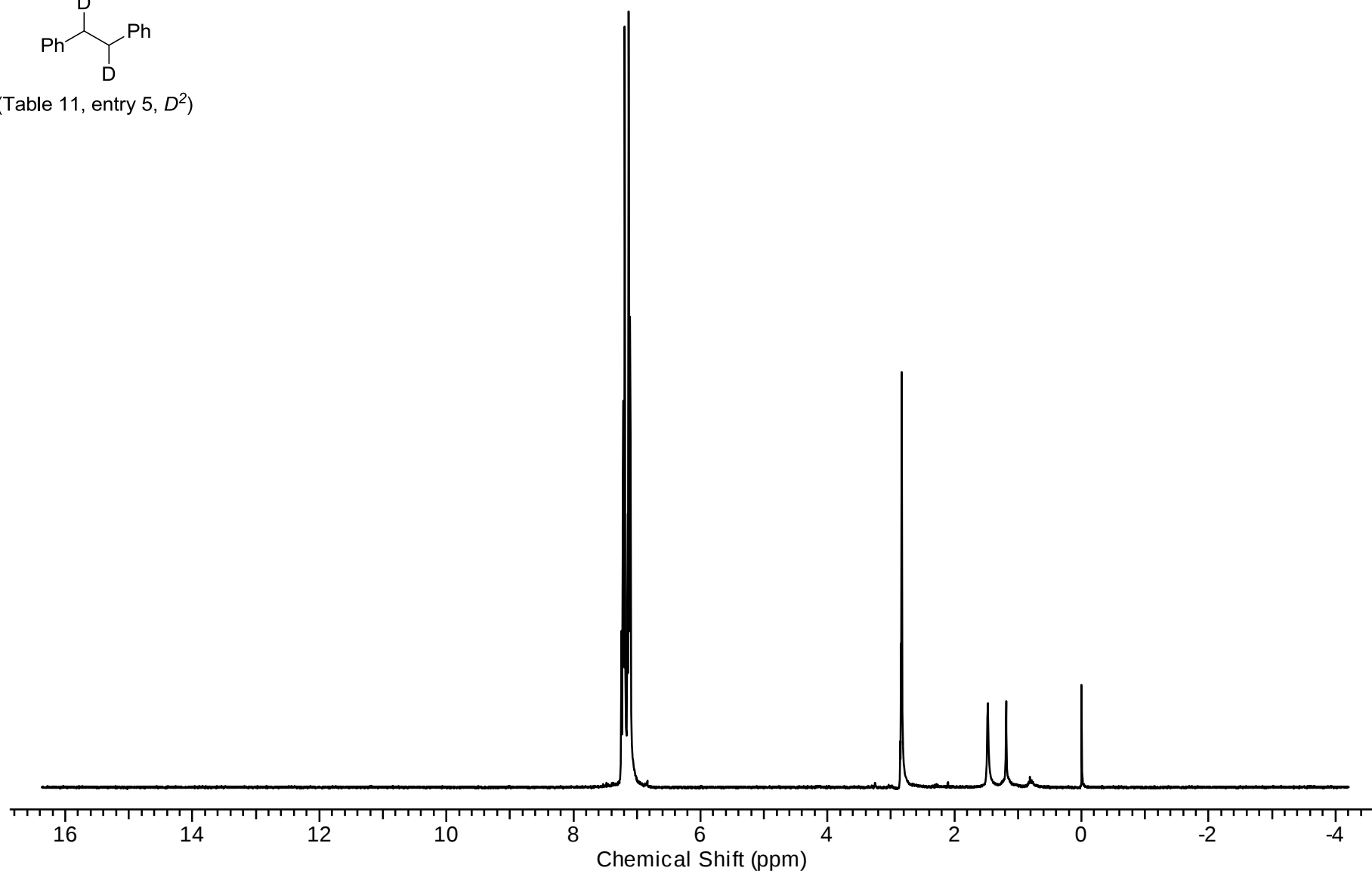


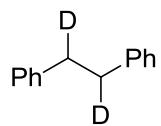
(Table 11, entry 1, D^2)





(Table 11, entry 5, D^2)





(Table 11, entry 5, D^2)

