

Supporting Information

for

Easy and direct conversion of tosylates and mesylates into nitroalkanes

Alessandro Palmieri, Serena Gabrielli and Roberto Ballini*

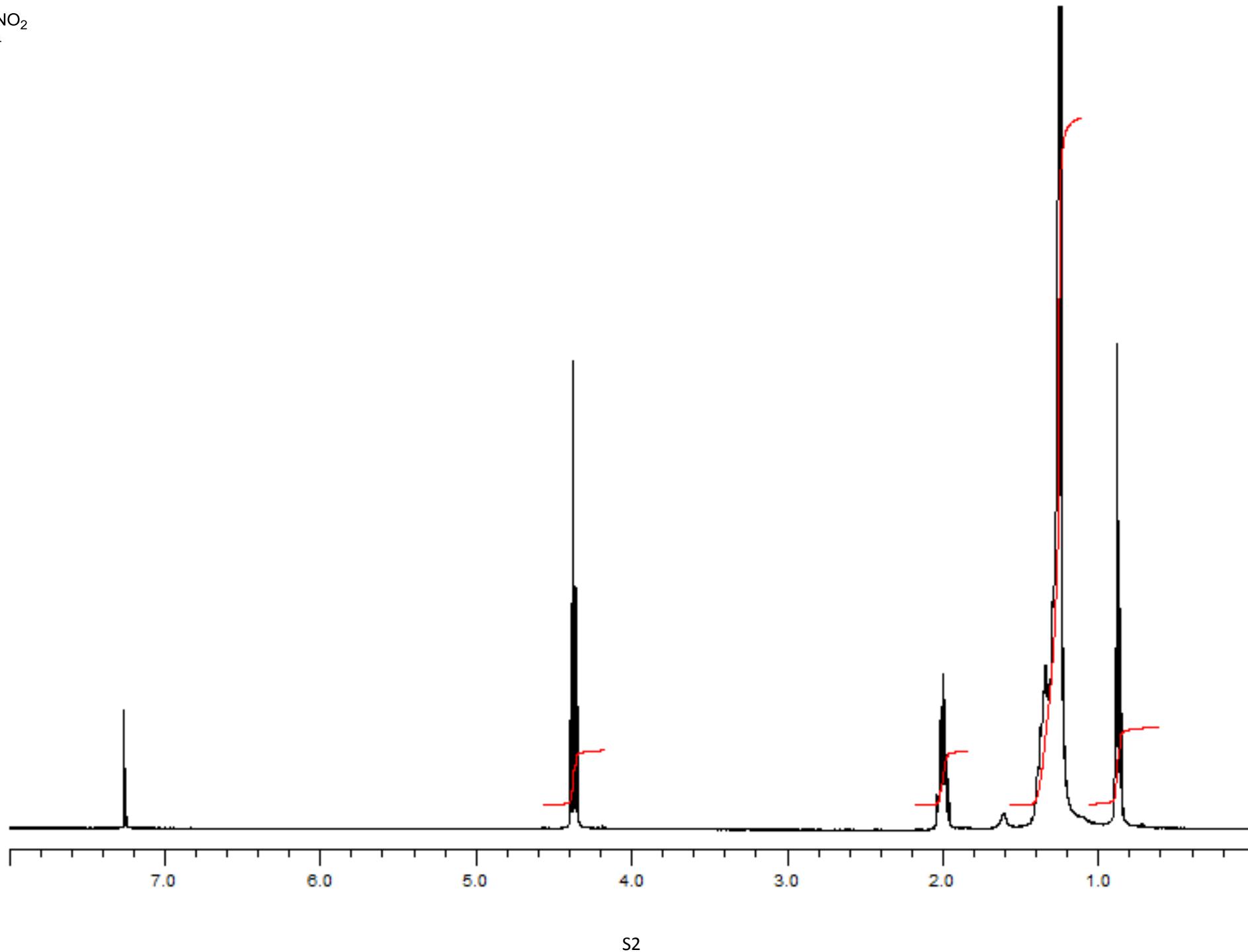
Address: “Green Chemistry Group”, School of Science and Technology, Chemistry Division, University of Camerino, Via S. Agostino 1, 62032 Camerino (MC), Italy

Email: Roberto Ballini - roberto.ballini@unicam.it

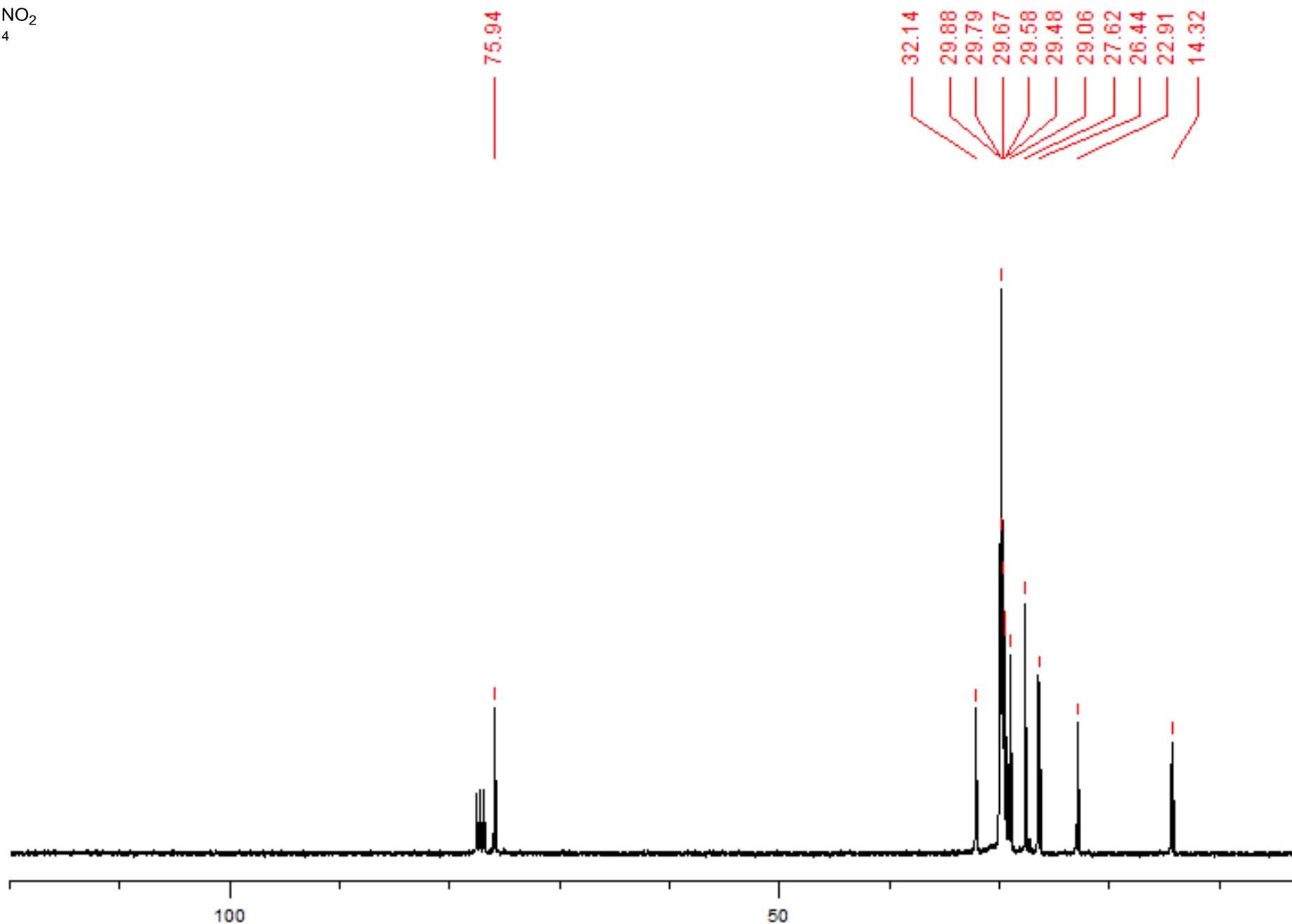
* Corresponding author

Copy of ^1H and ^{13}C NMR spectra of synthesized compounds

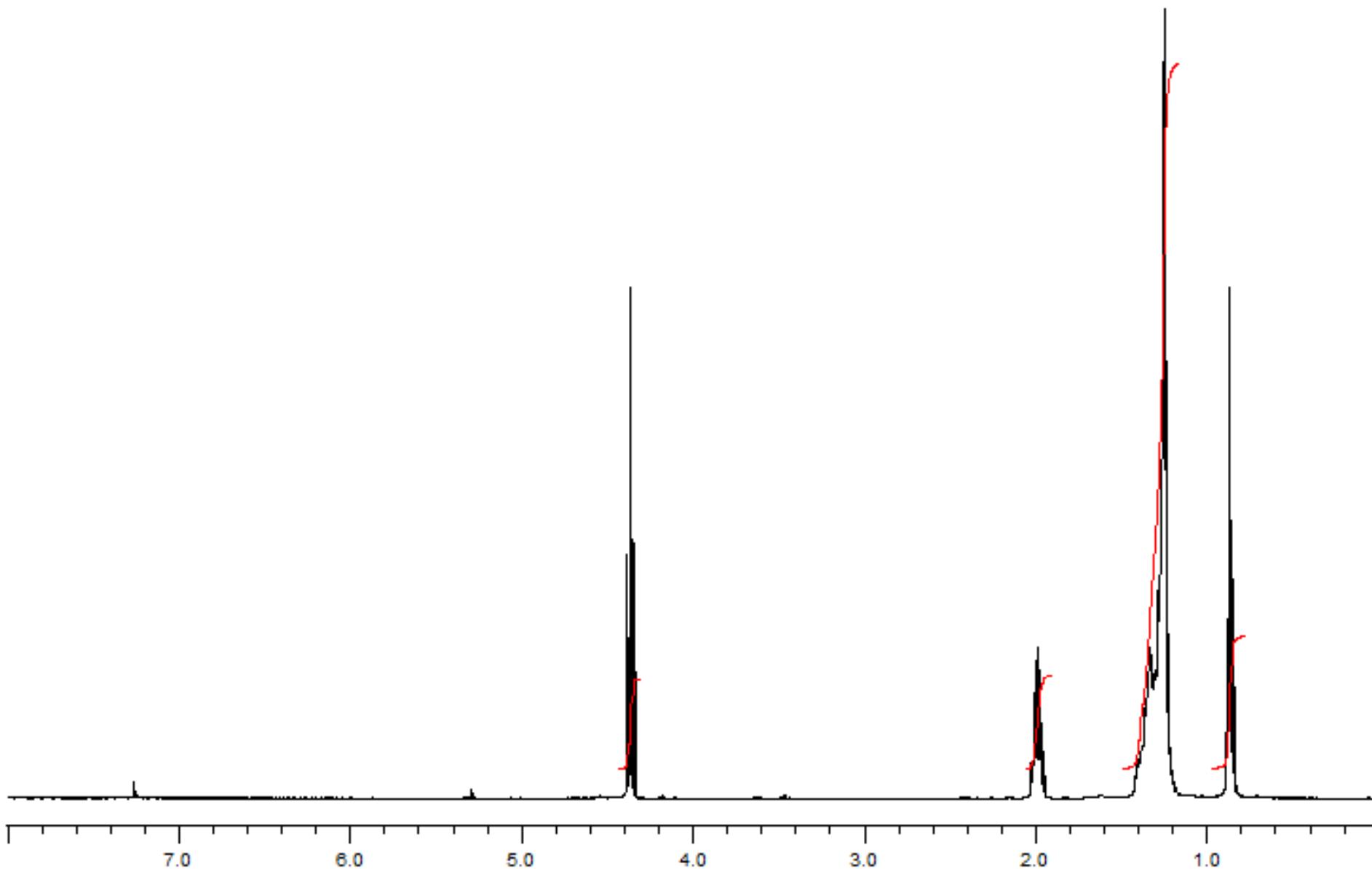
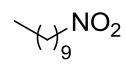
¹H NMR - Compound 2a.



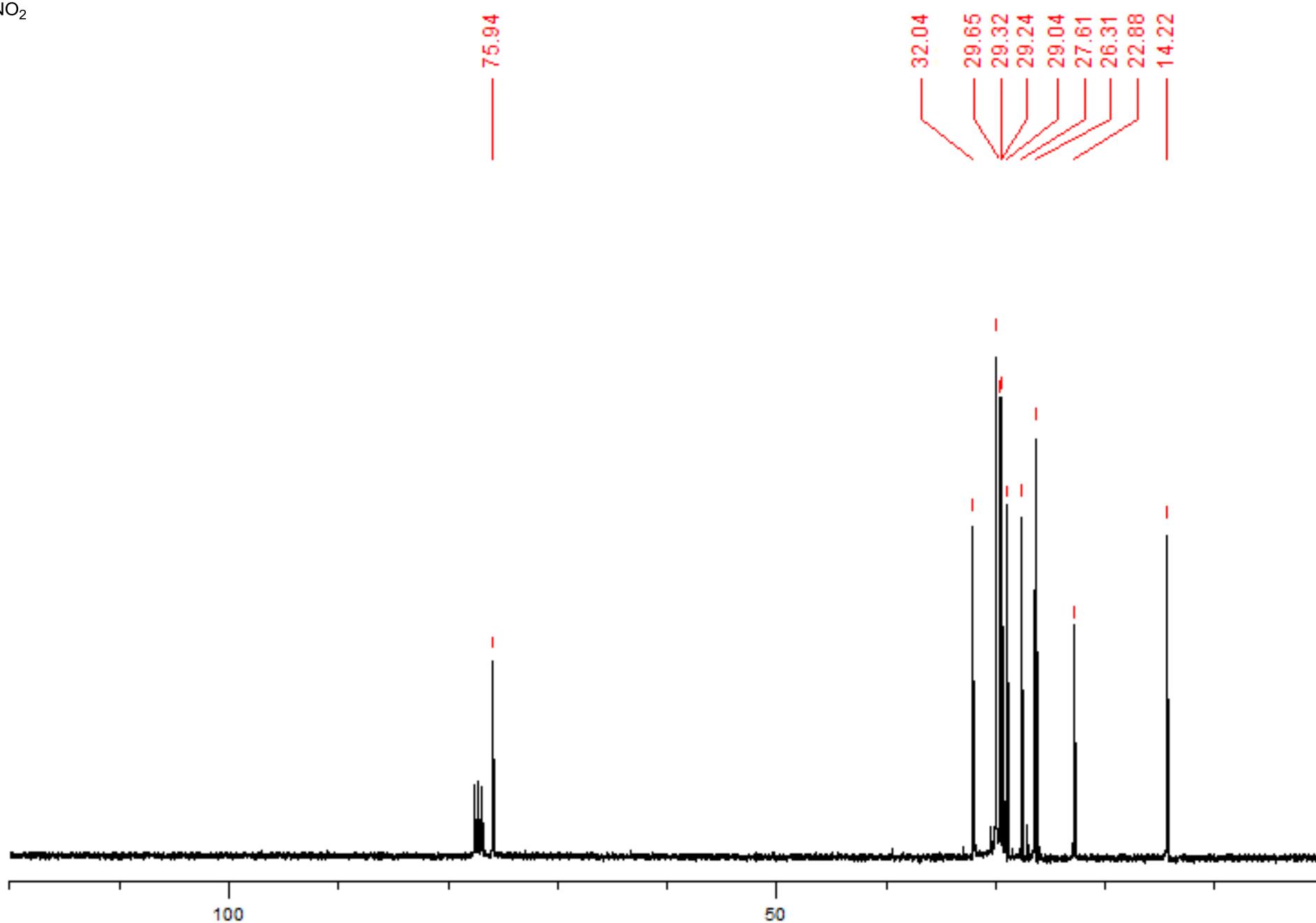
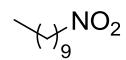
¹³C NMR - Compound 2a.



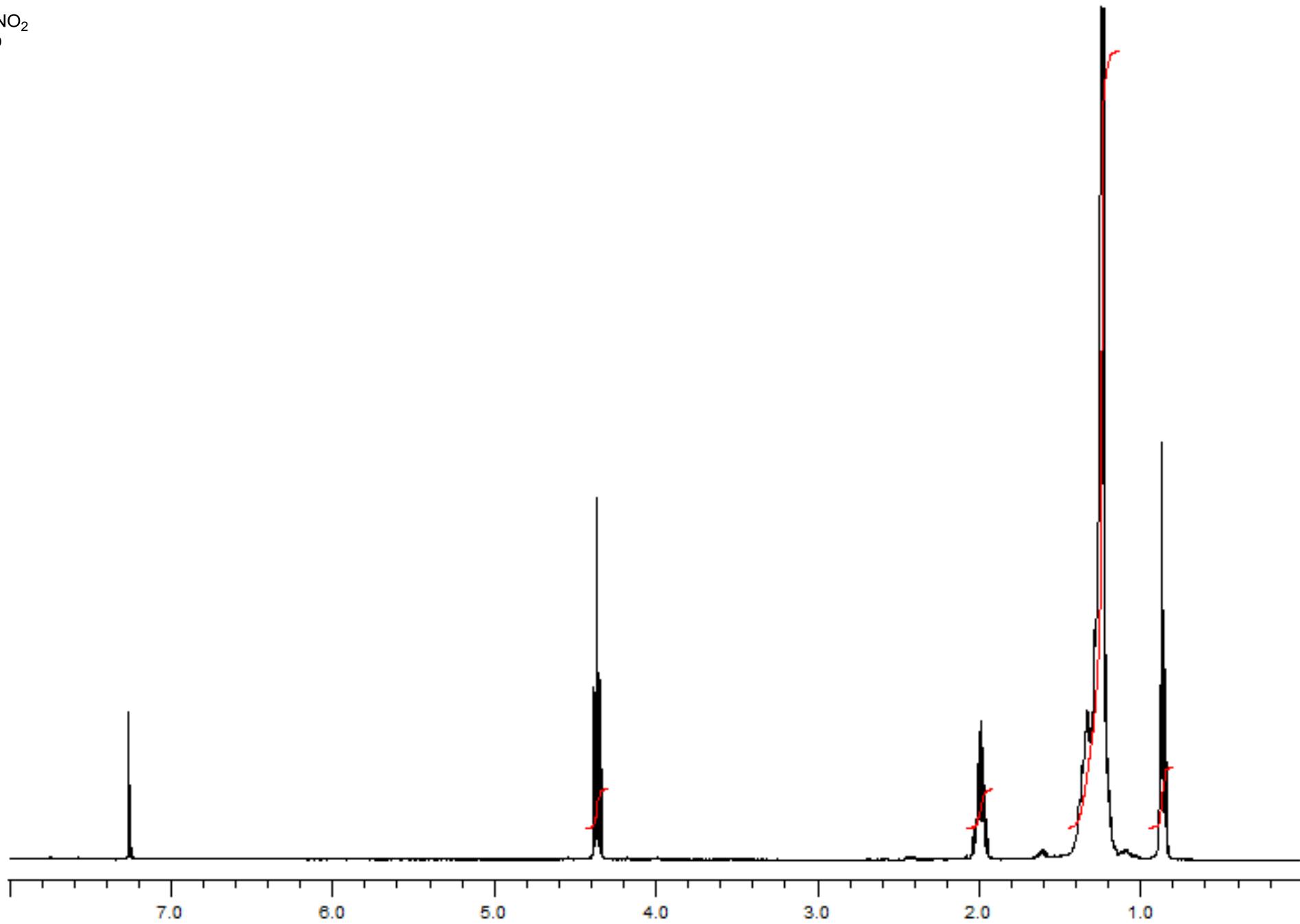
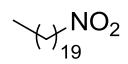
¹H NMR - Compound 2b.



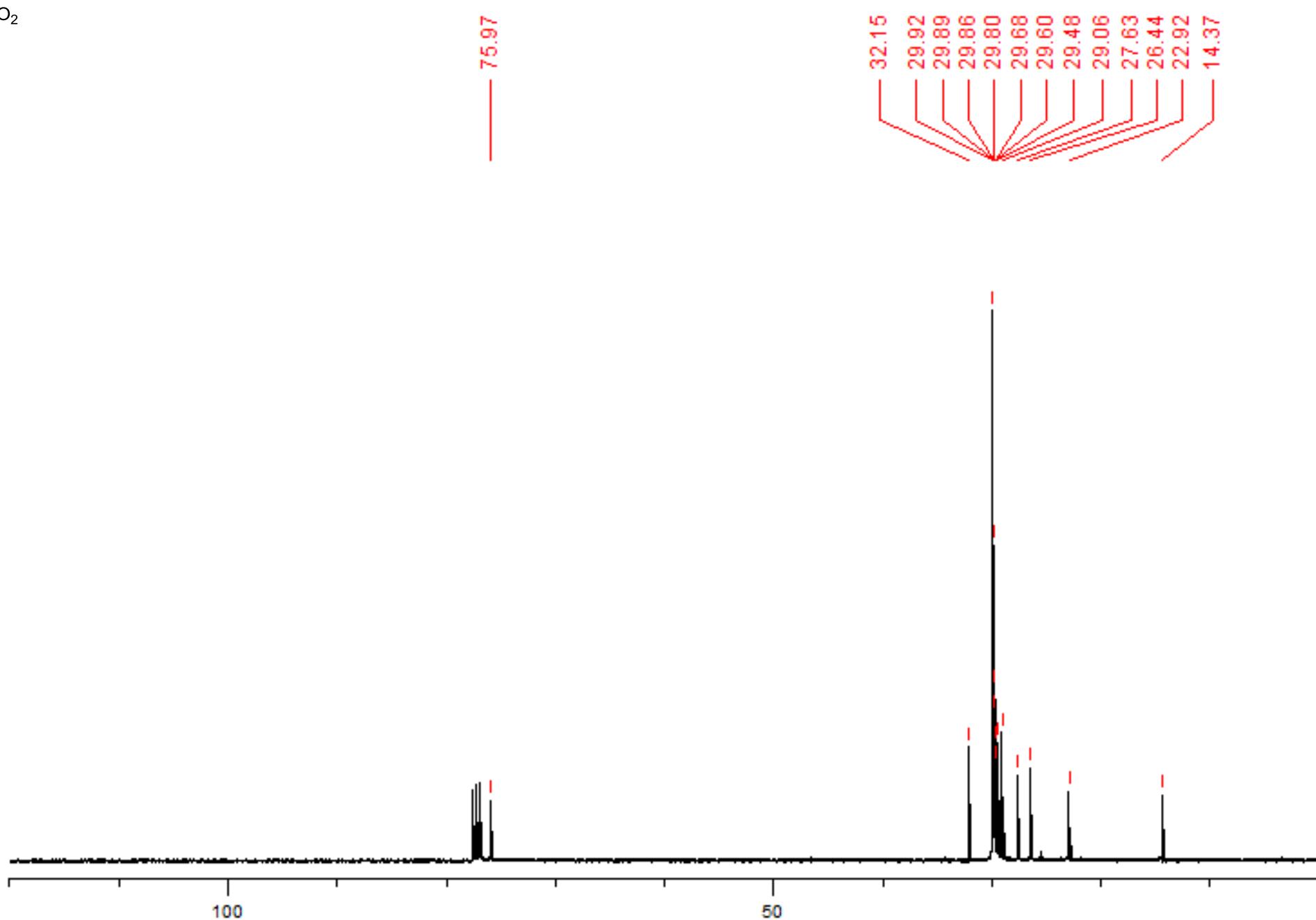
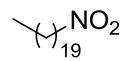
¹³C NMR - Compound **2b**.



¹H NMR - Compound **2c**.



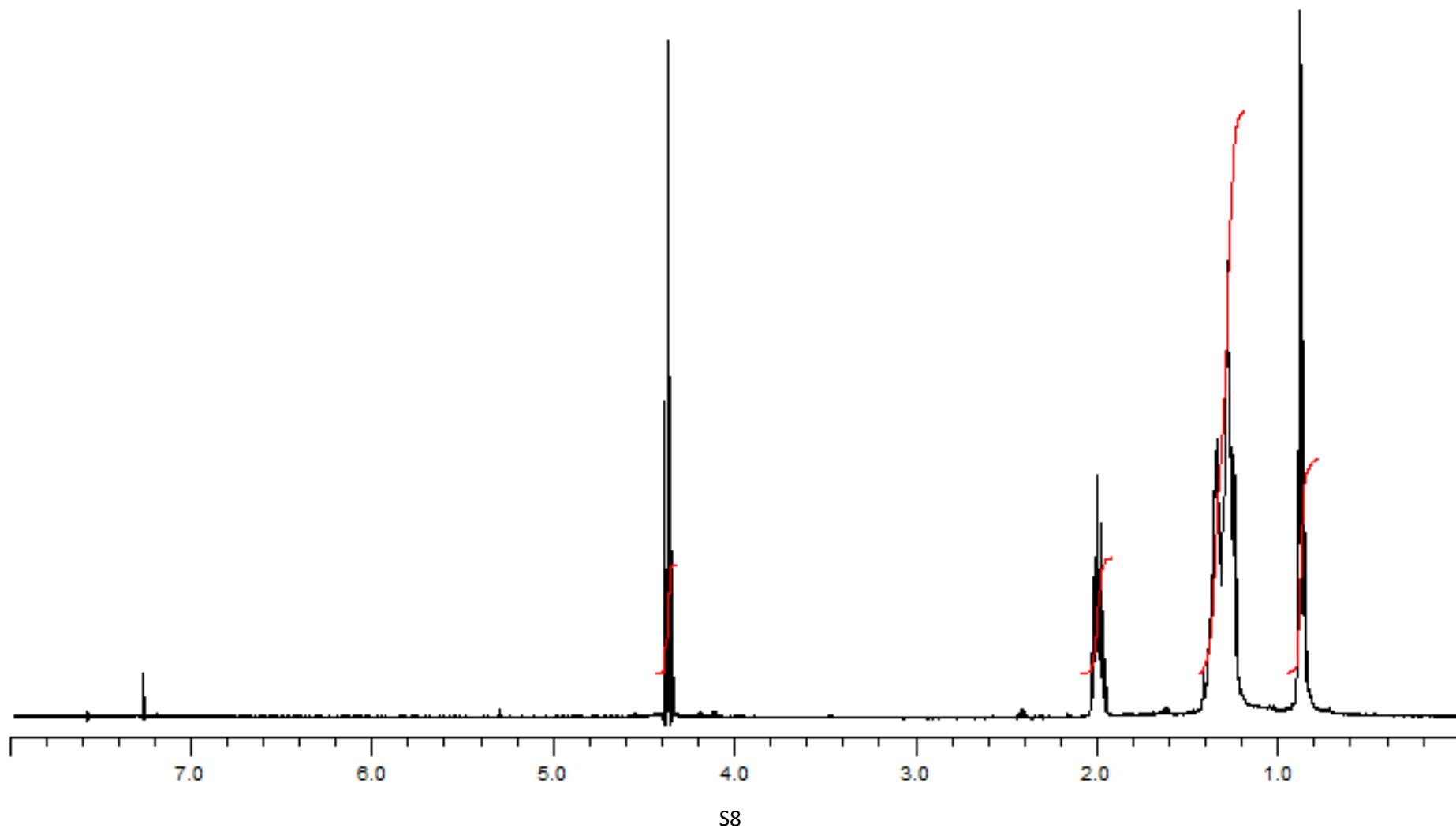
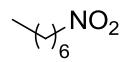
¹³C NMR - Compound 2c.



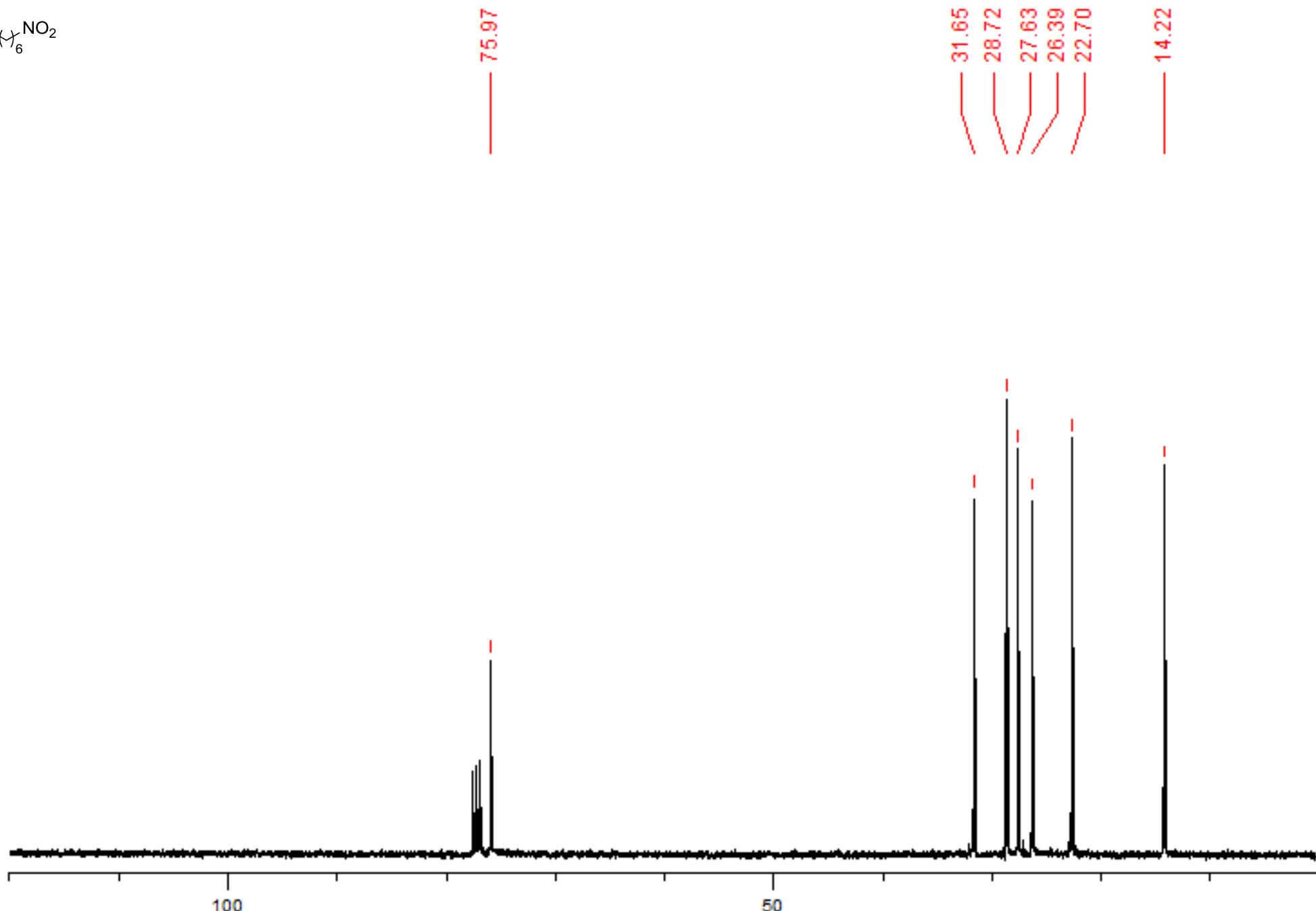
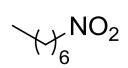
100

50

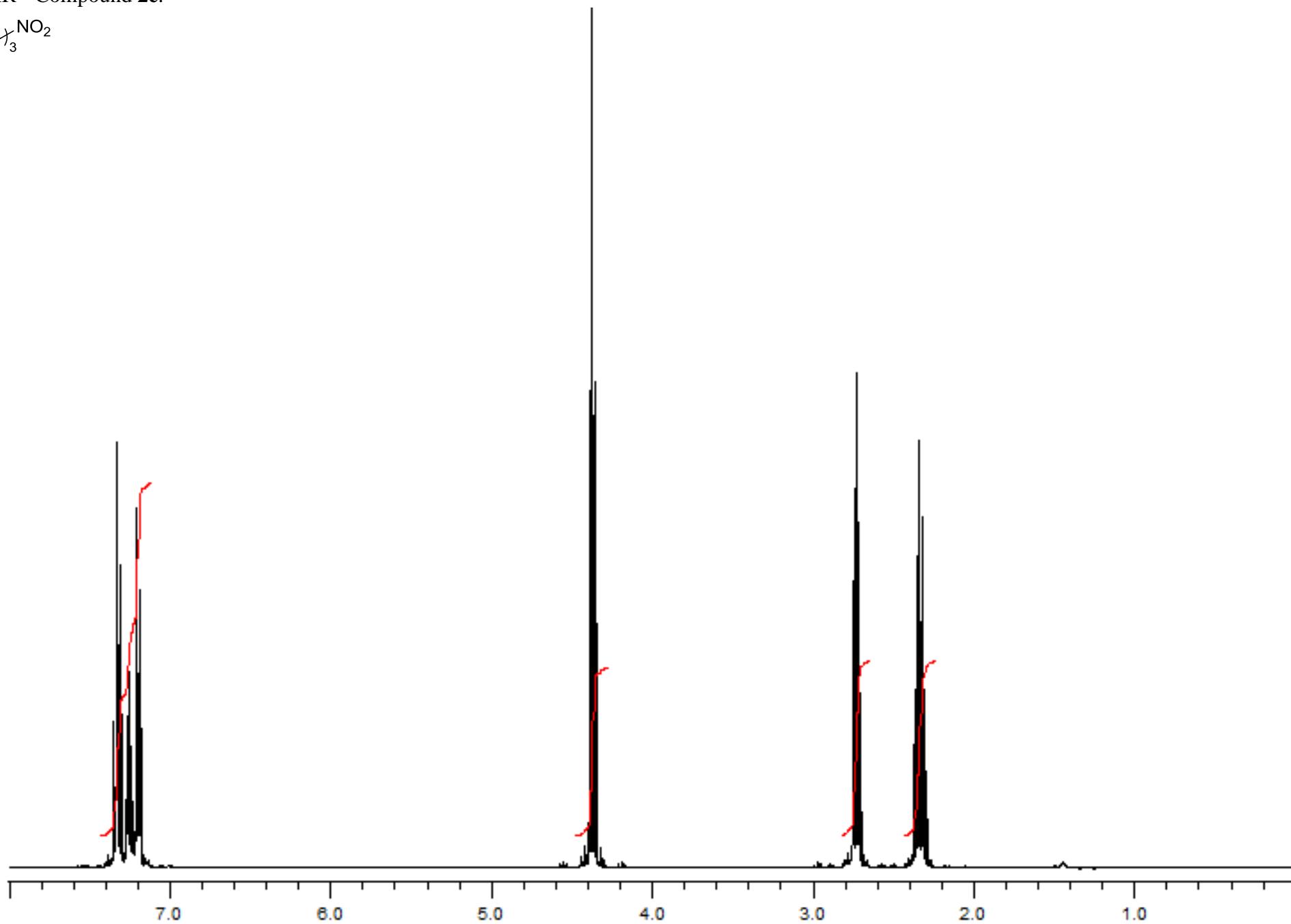
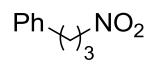
¹H NMR - Compound **2d**.



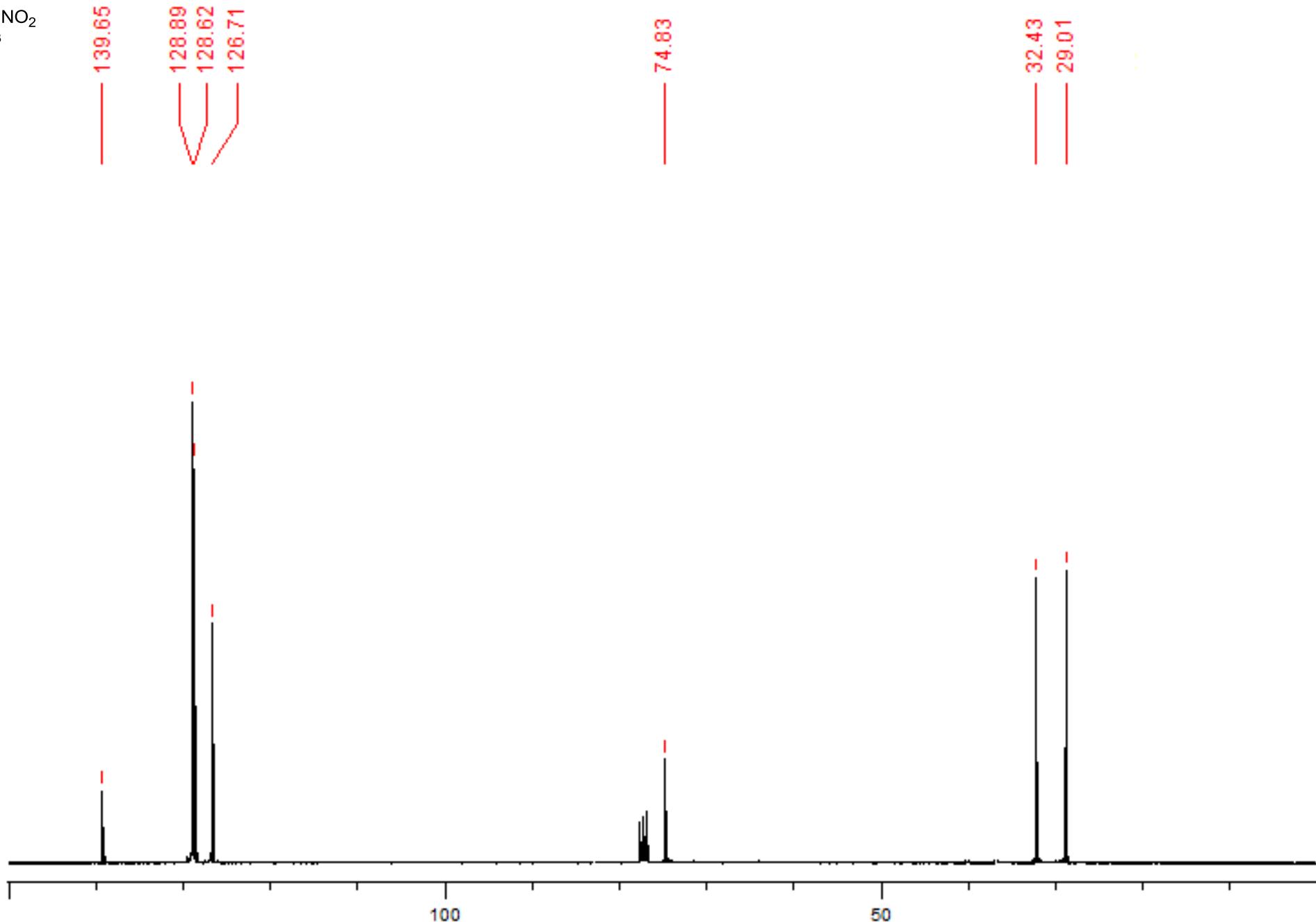
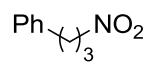
¹³C NMR - Compound **2d**.



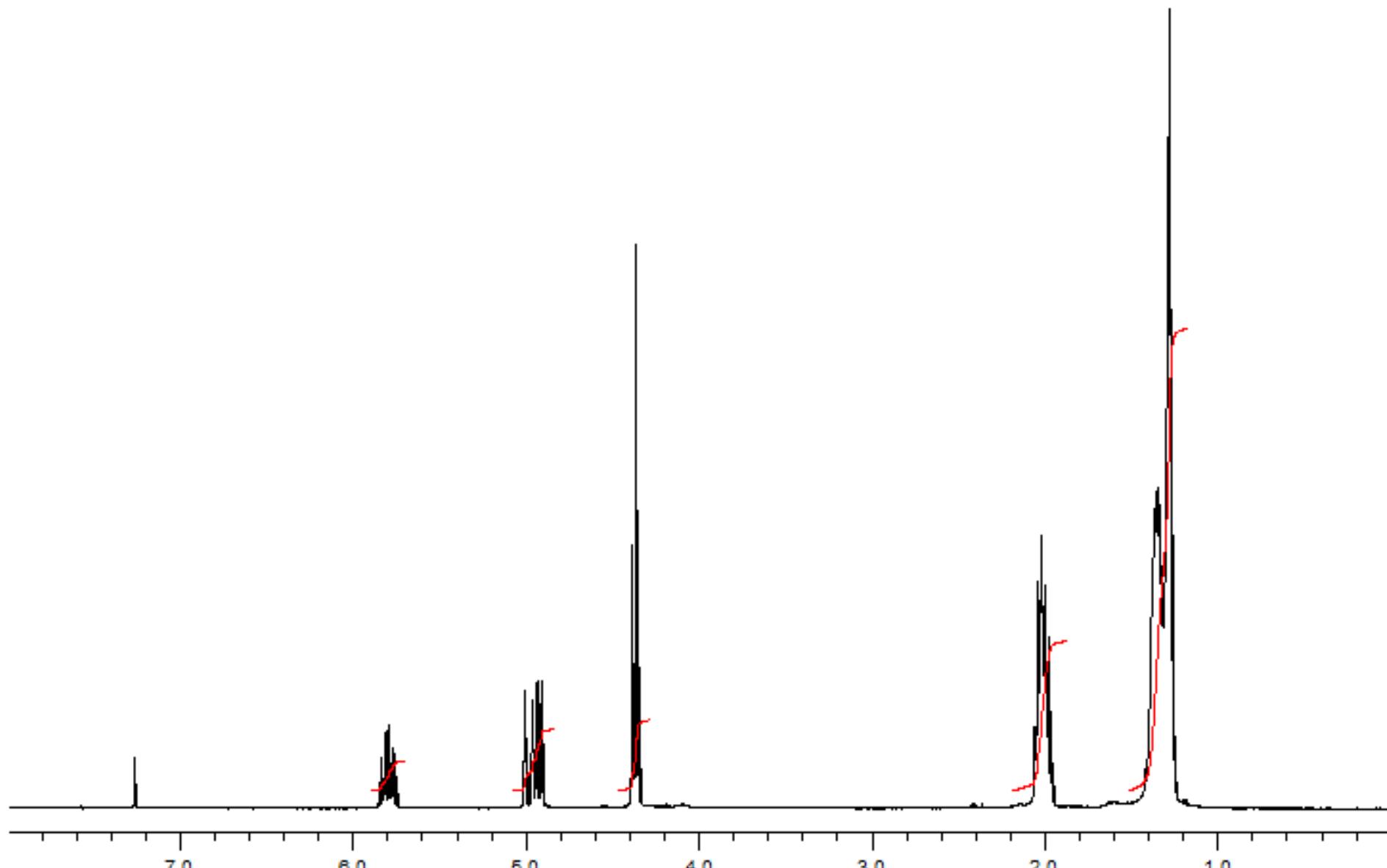
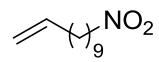
¹H NMR - Compound 2e.



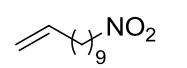
¹³C NMR - Compound 2e.



¹H NMR - Compound 2f.



¹³C NMR - Compound **2f**.



139.30

11436

75.92

585

29.46

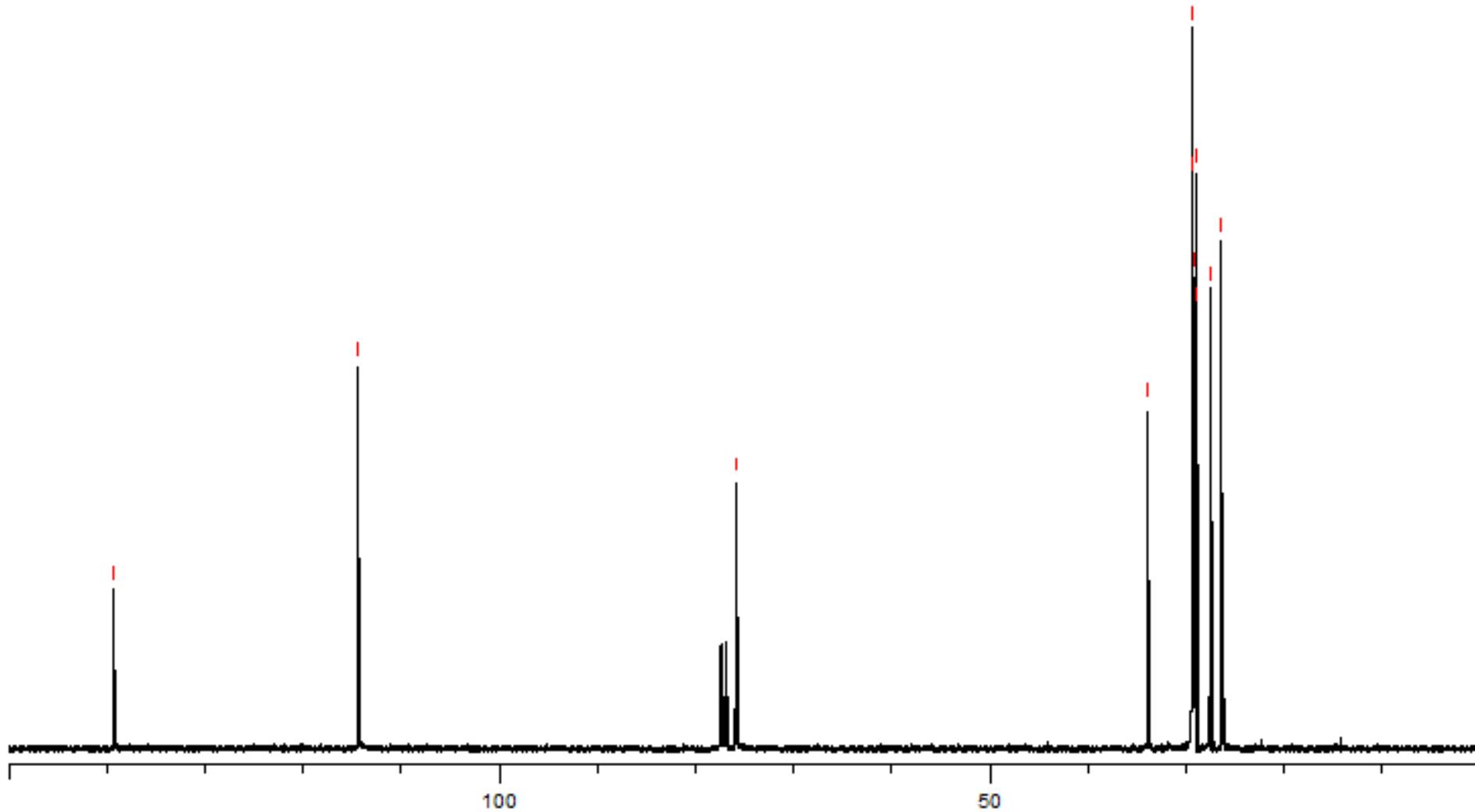
29.38

45
29

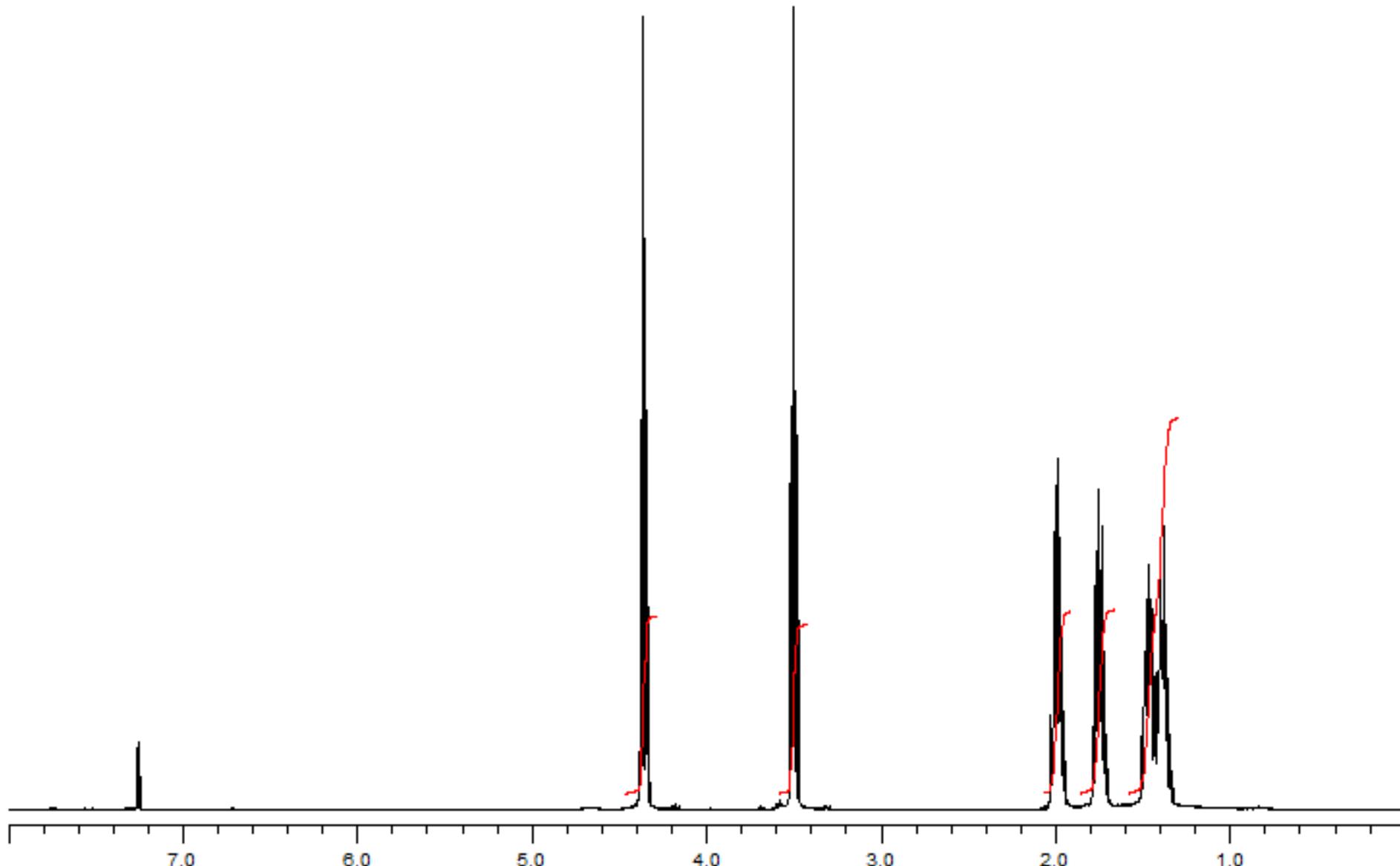
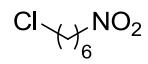
29.00

27.58

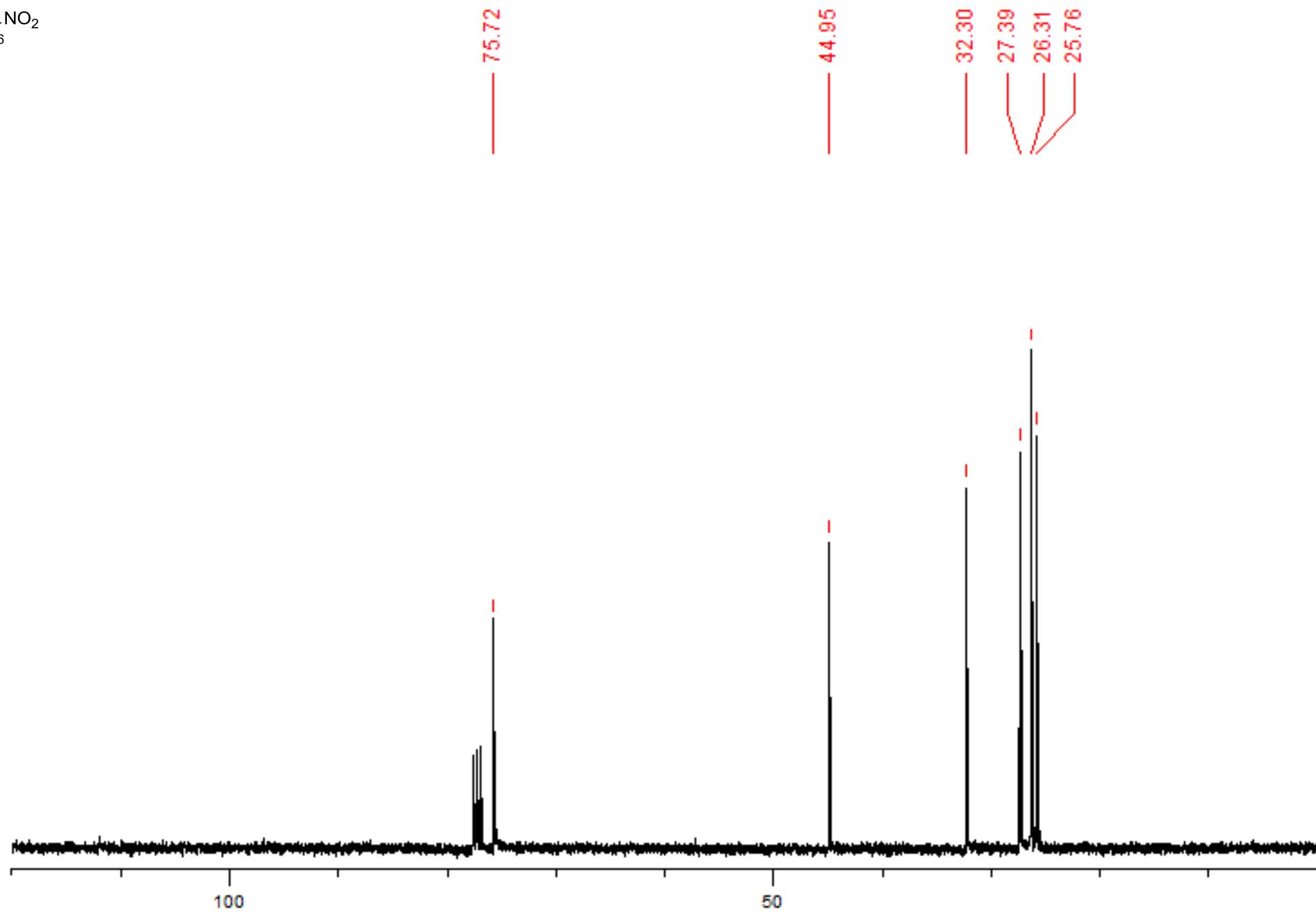
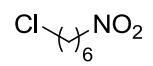
26.39



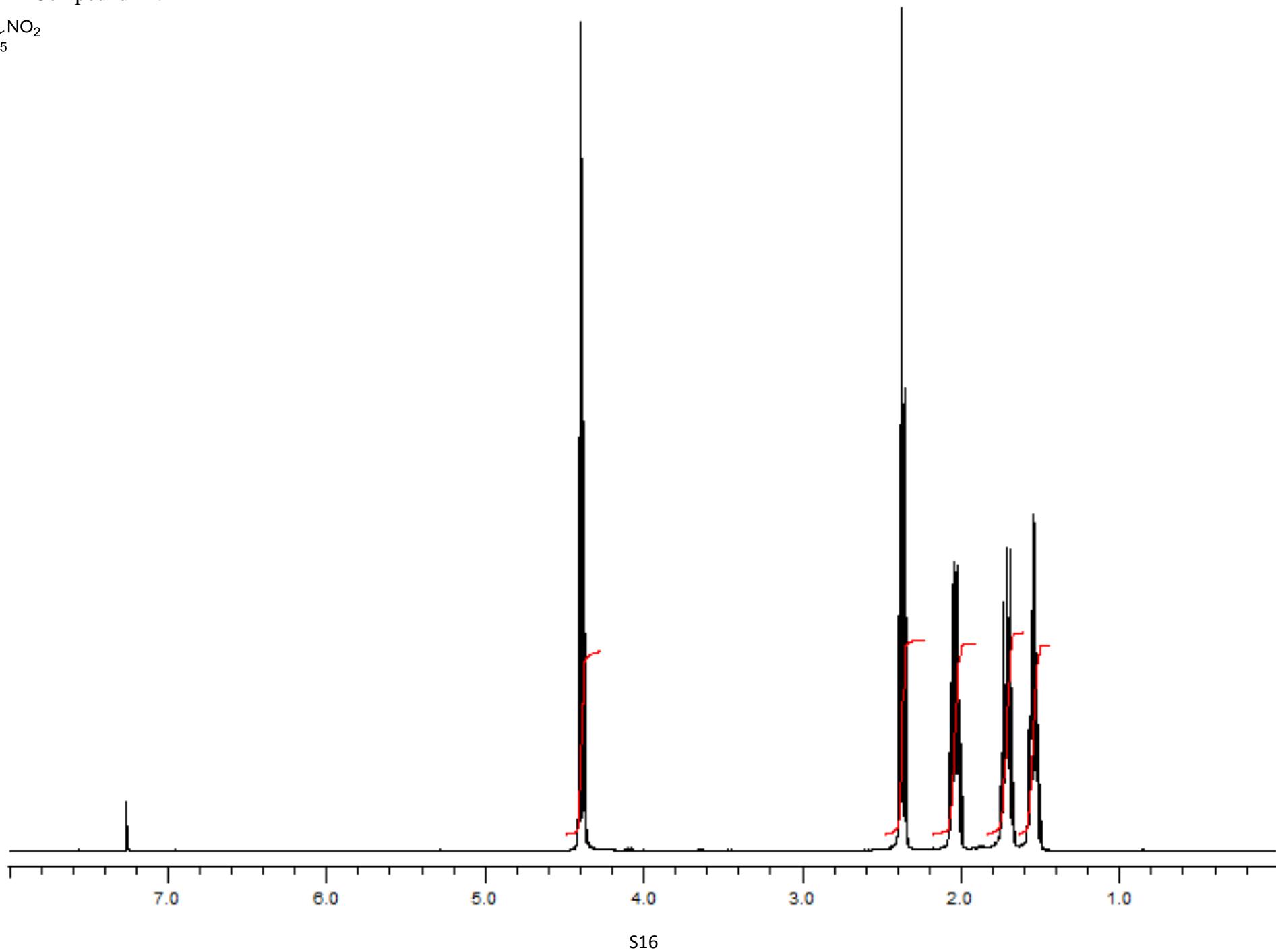
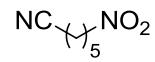
¹H NMR - Compound 2g.



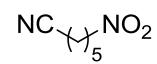
¹³C NMR - Compound 2g.



¹H NMR - Compound **2h**.



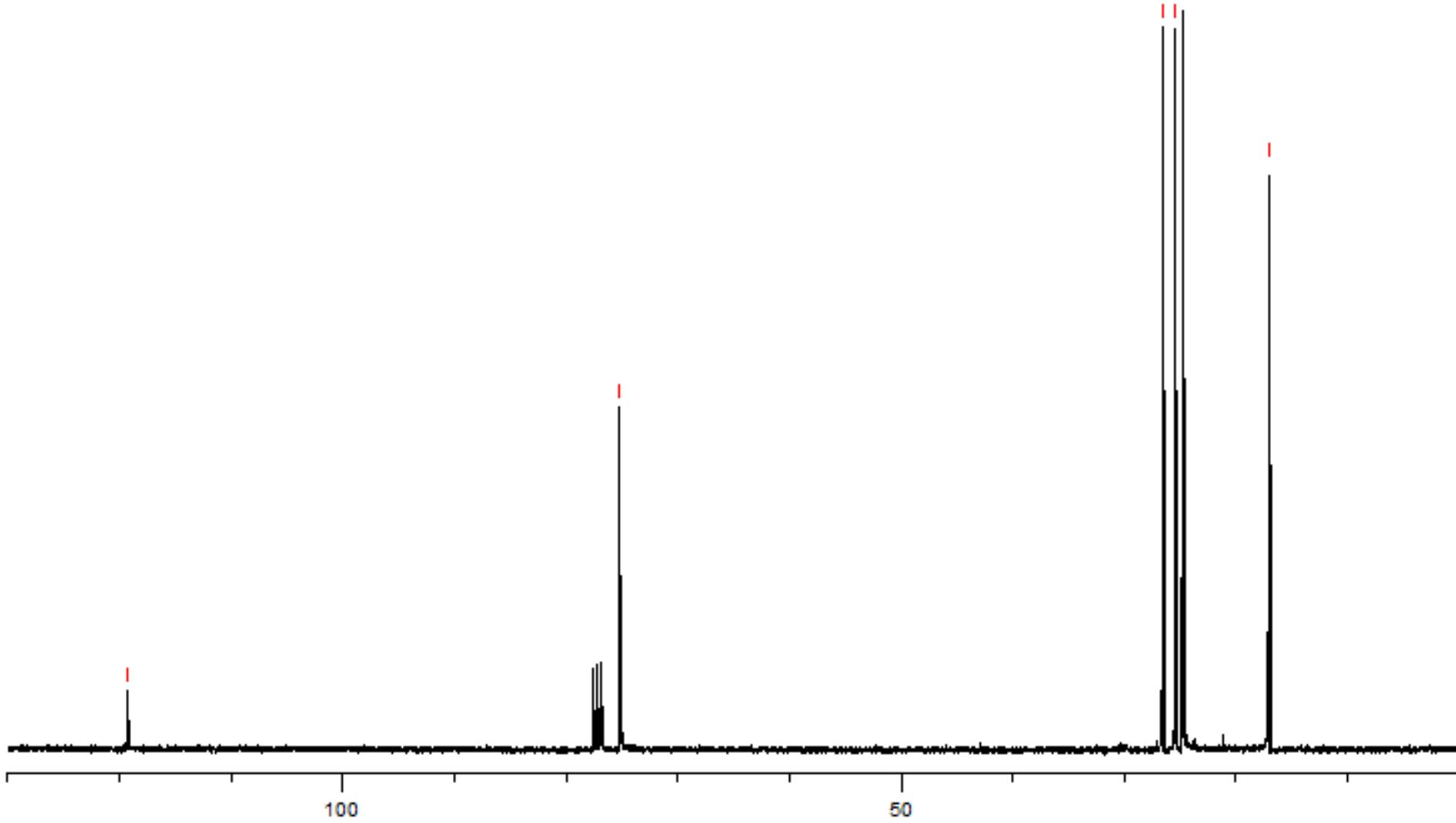
¹³C NMR - Compound **2h**.



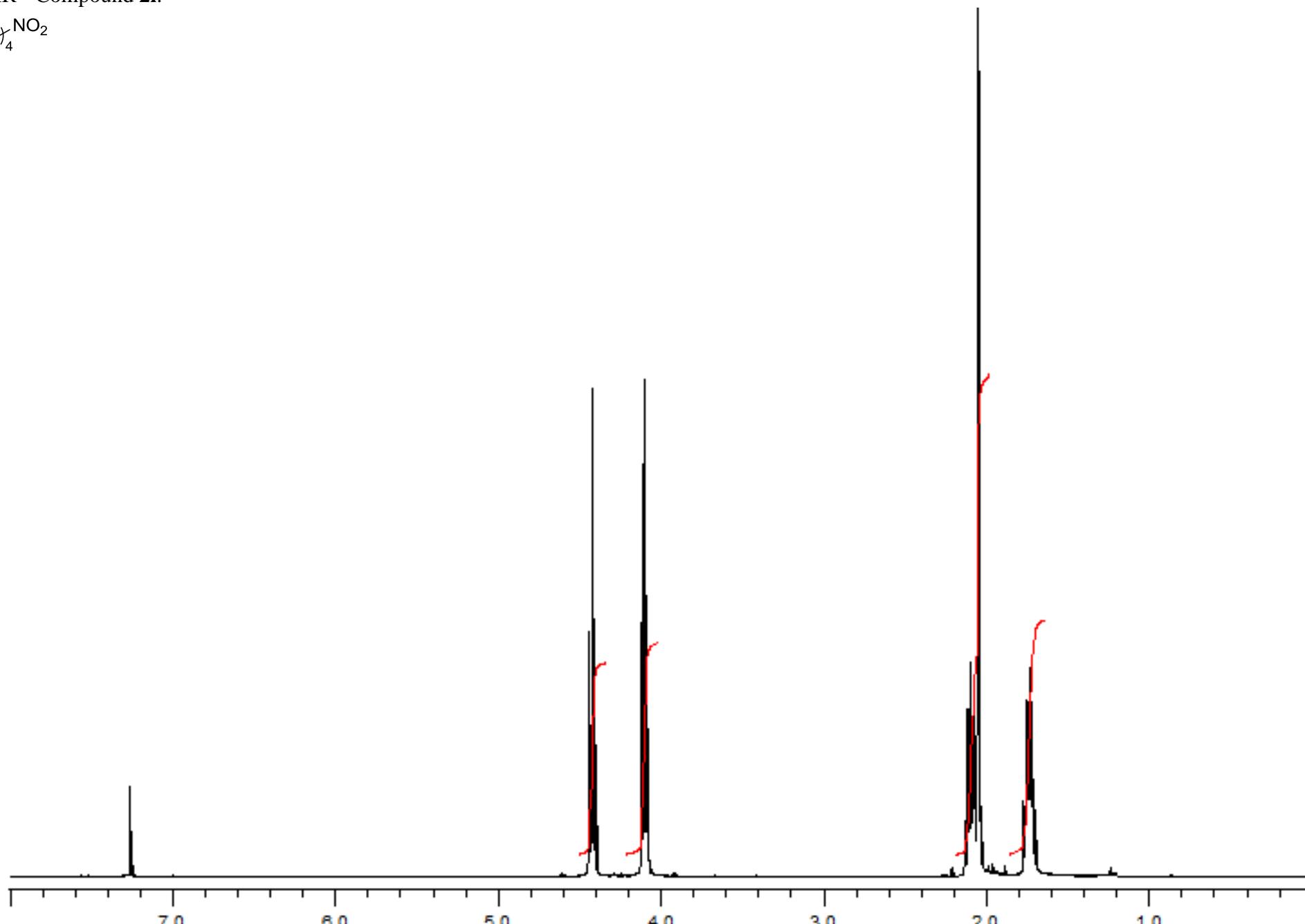
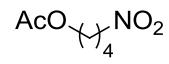
119.35

7520

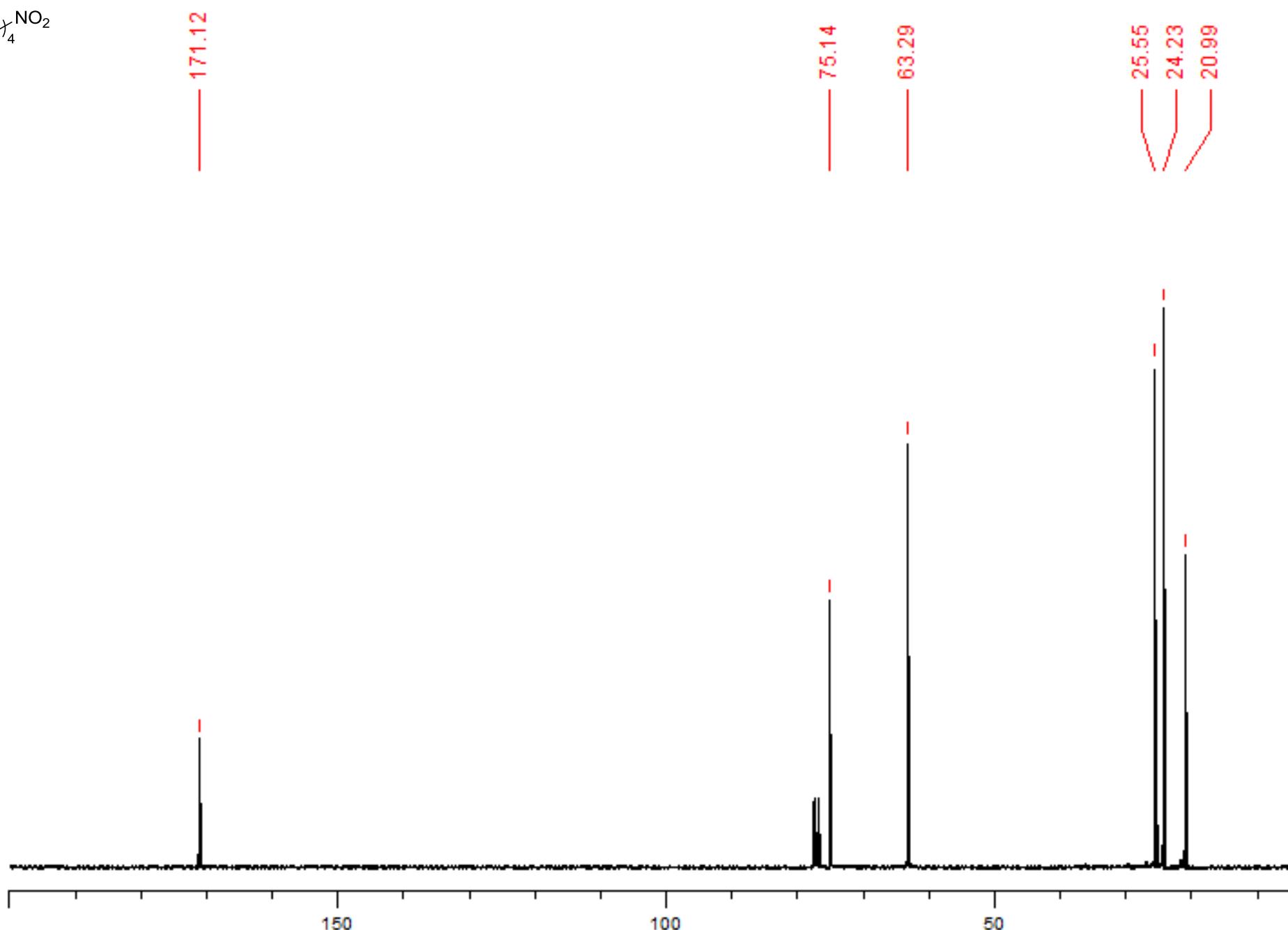
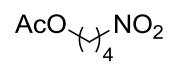
26.60 25.52 24.83 17.09



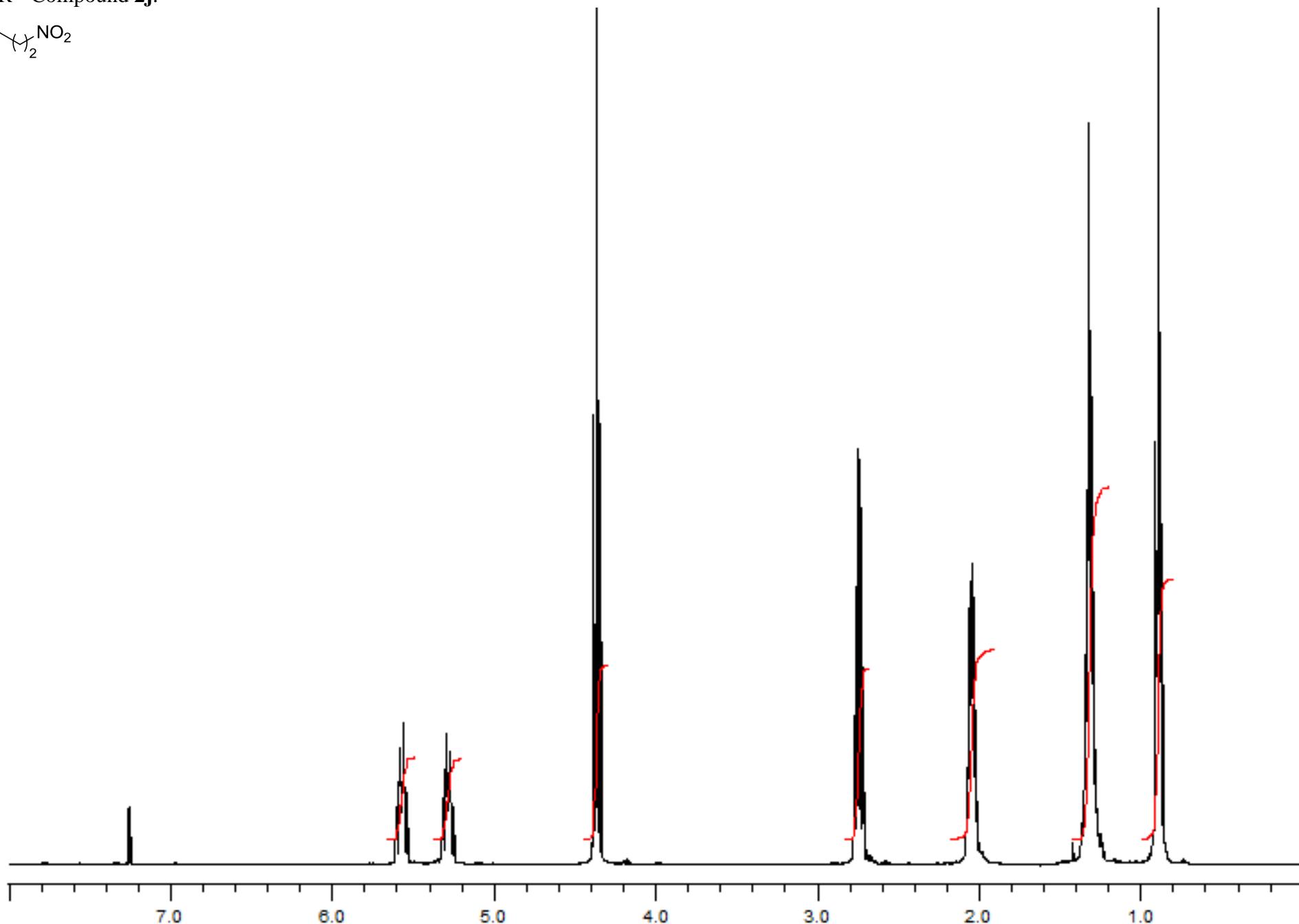
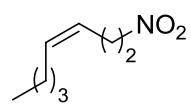
¹H NMR - Compound **2i**.



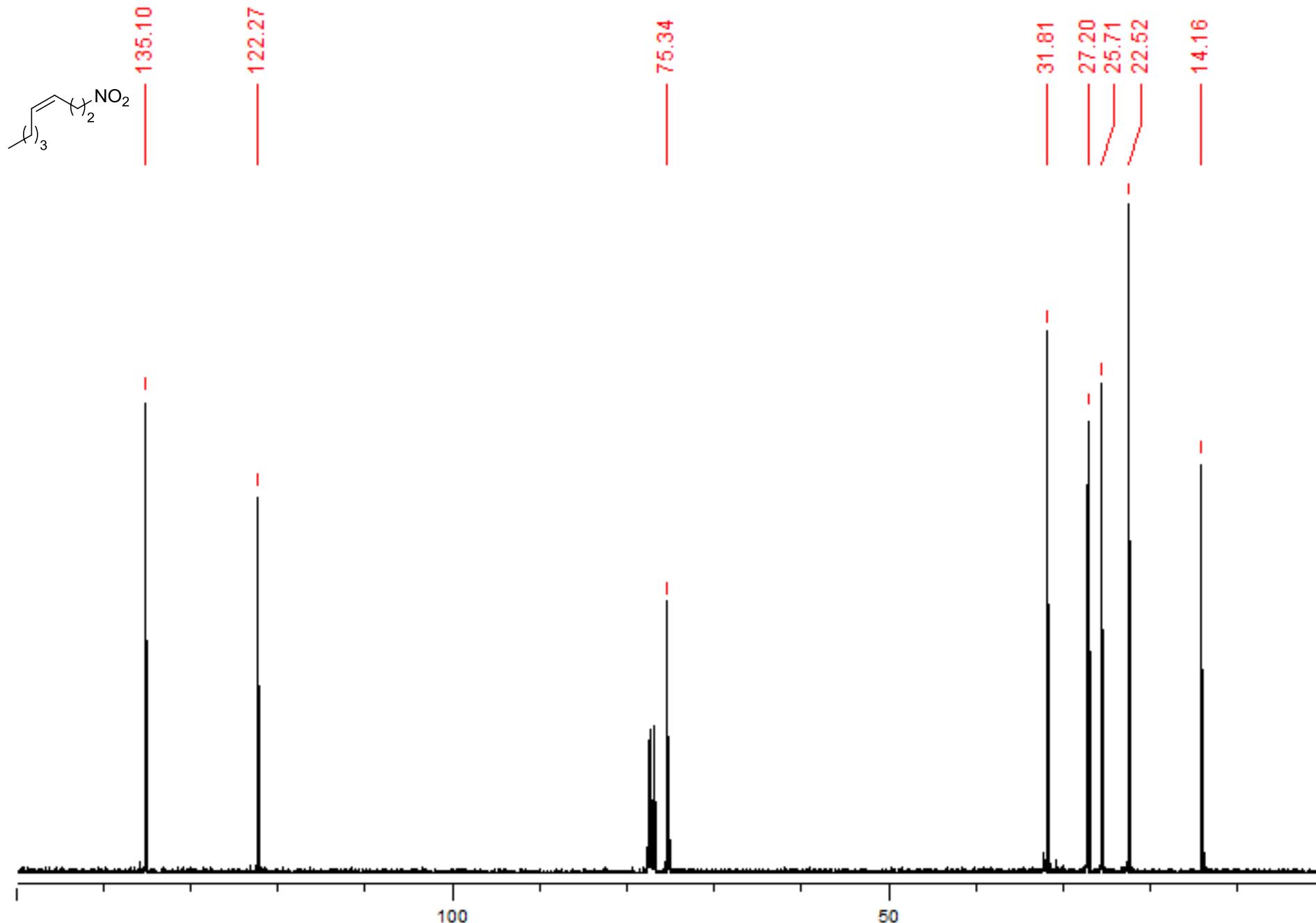
¹³C NMR - Compound 2i.



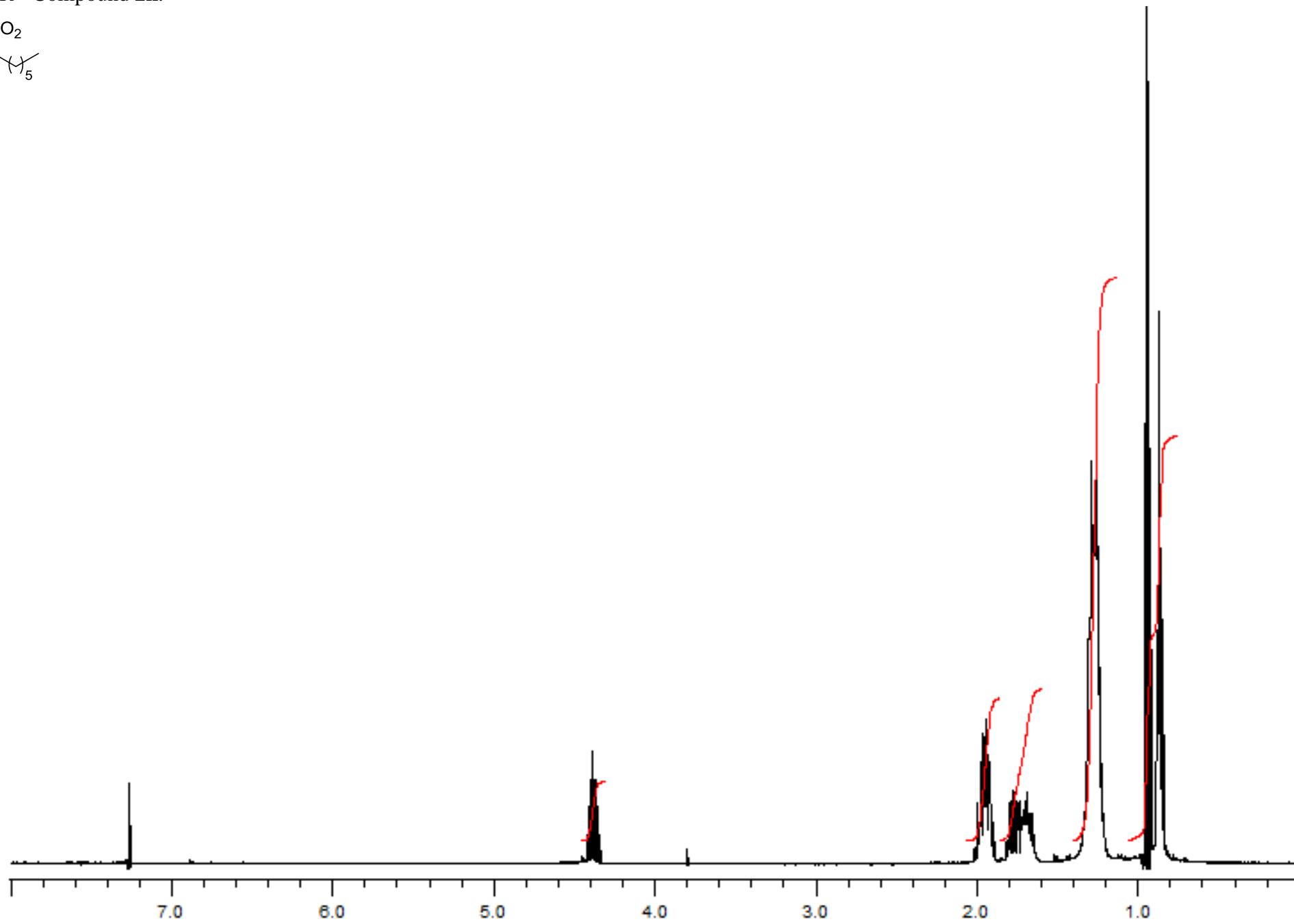
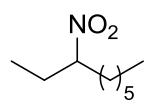
¹H NMR - Compound 2j.



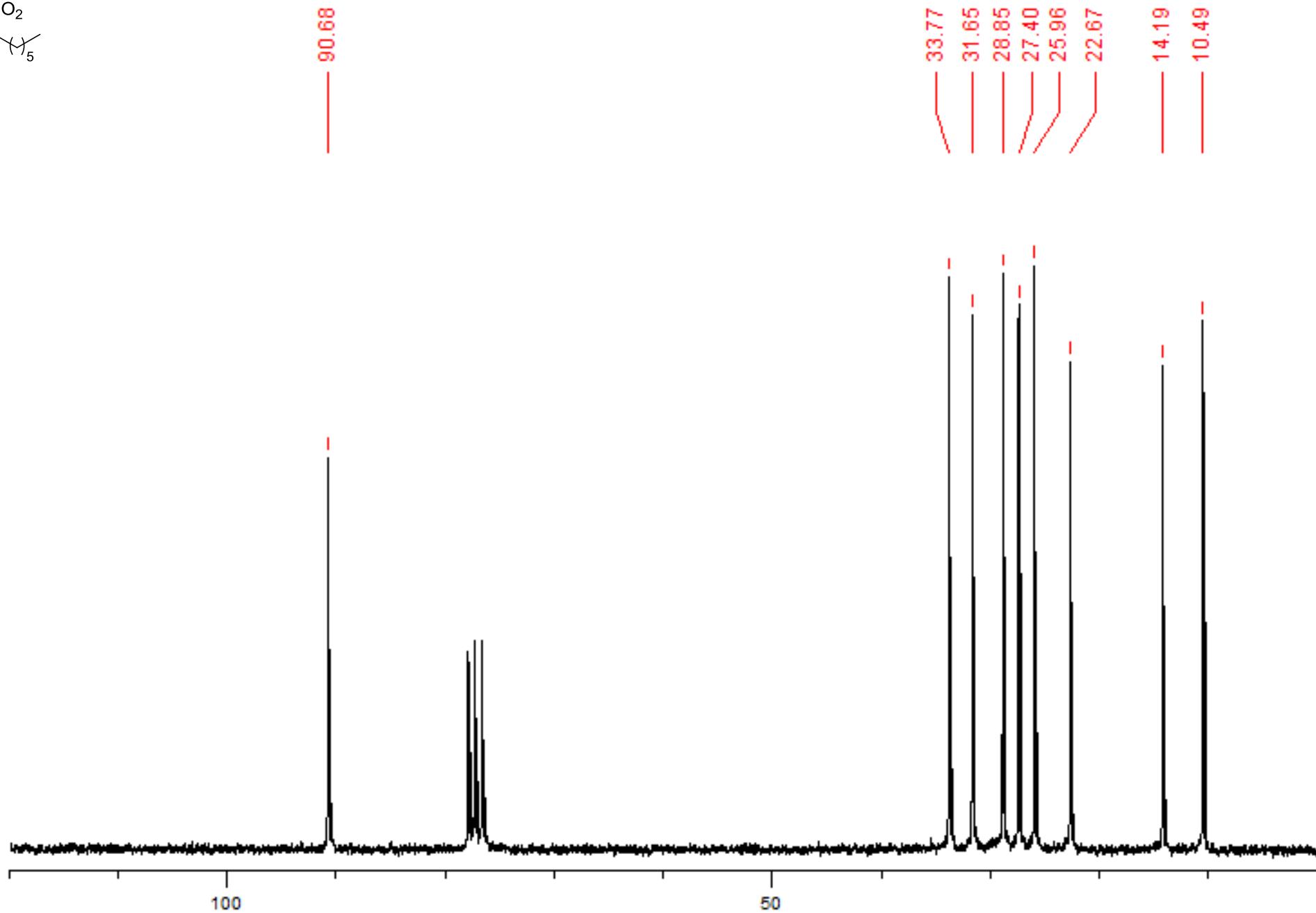
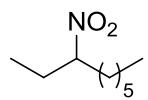
¹³C NMR - Compound 2j.



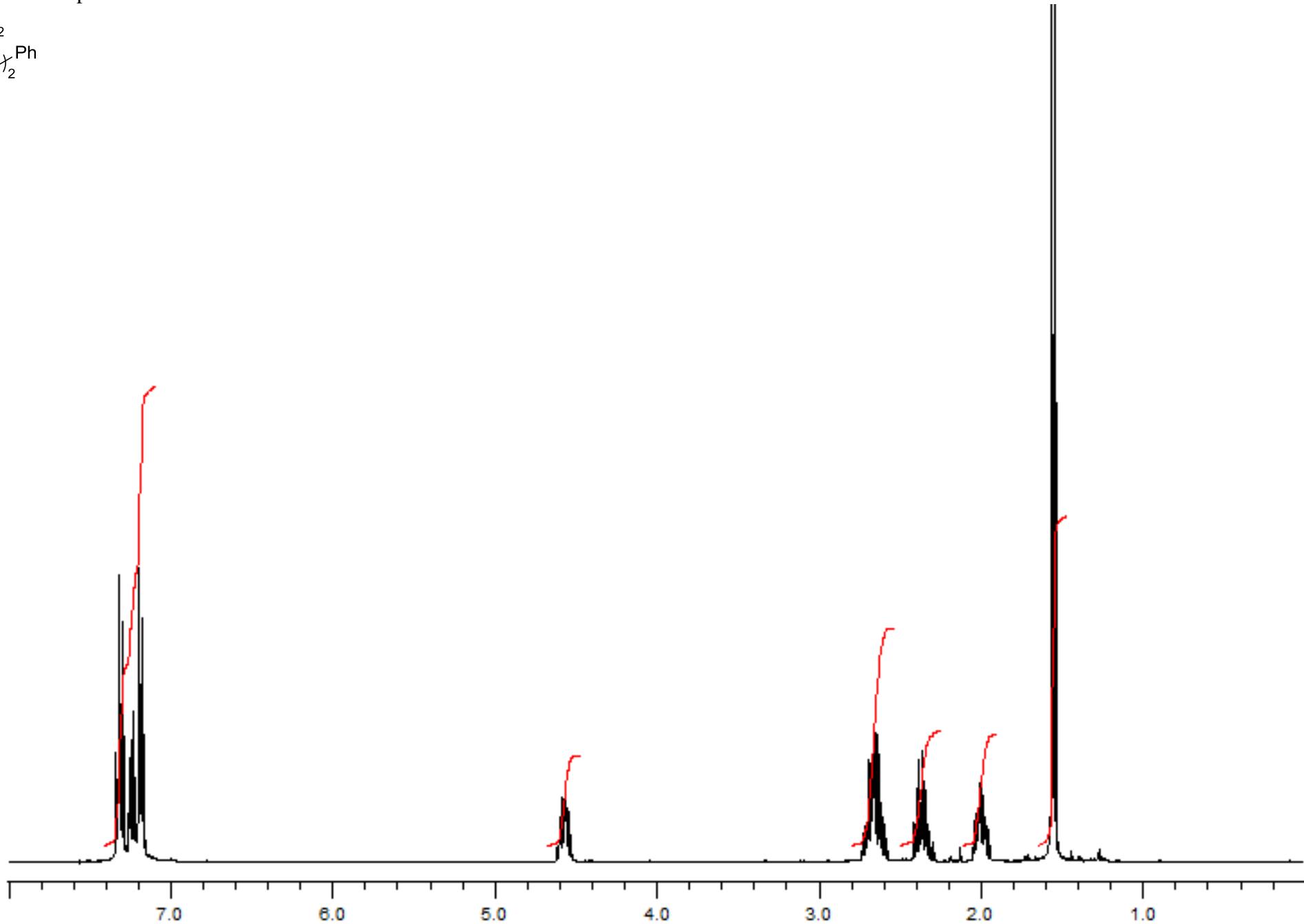
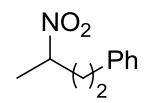
¹H NMR - Compound 2k.



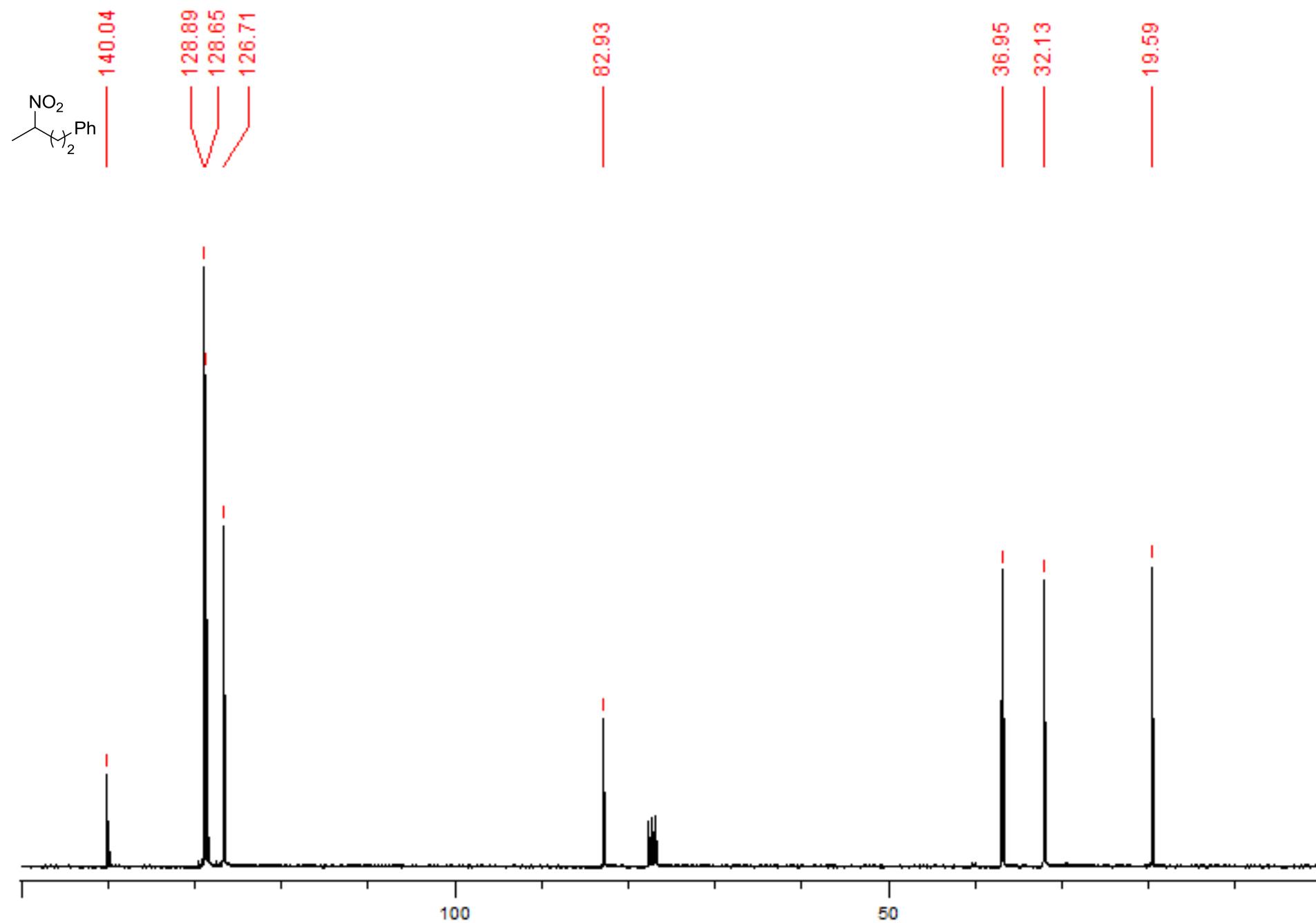
¹³C NMR - Compound **2k**.



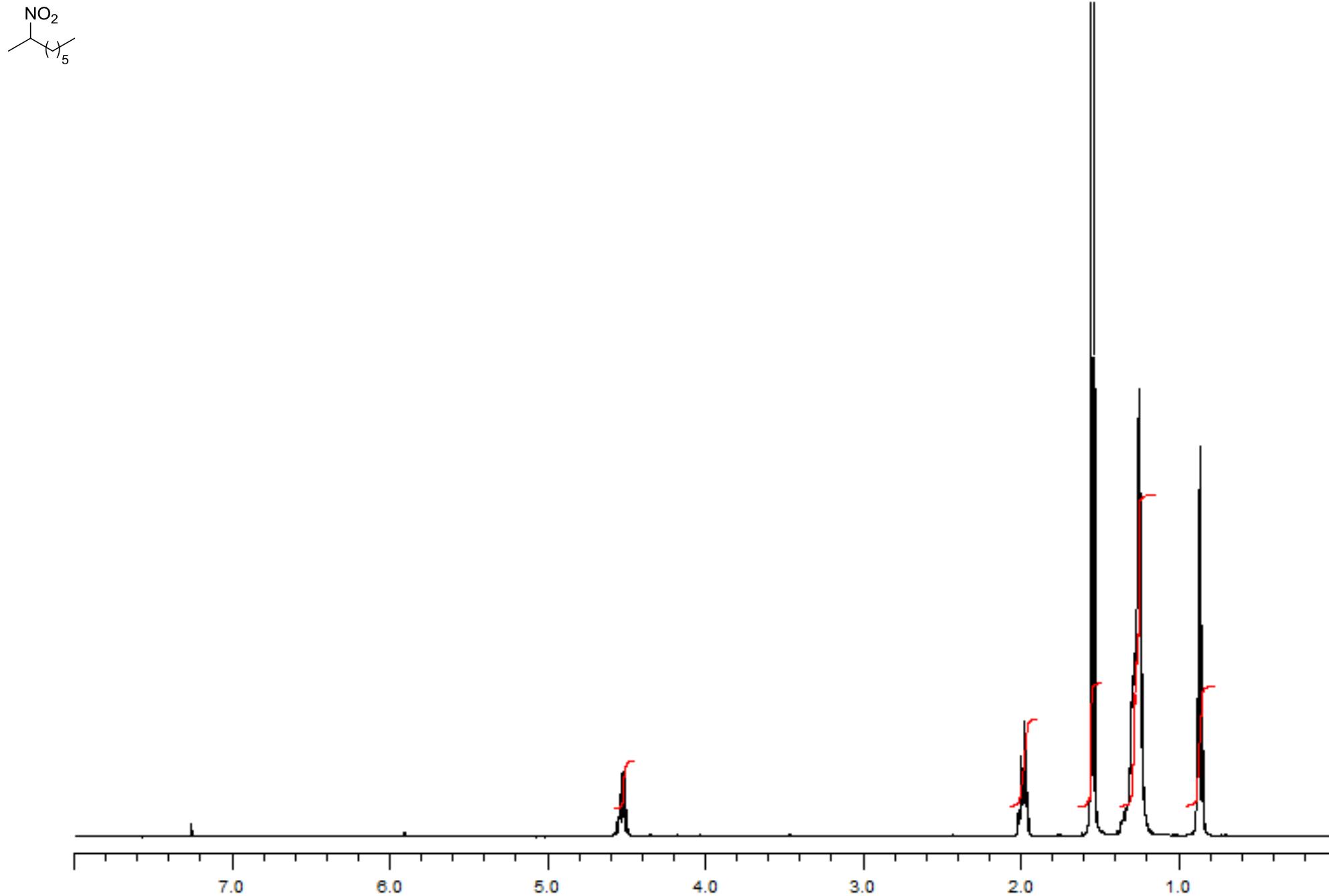
¹H NMR - Compound 2l.



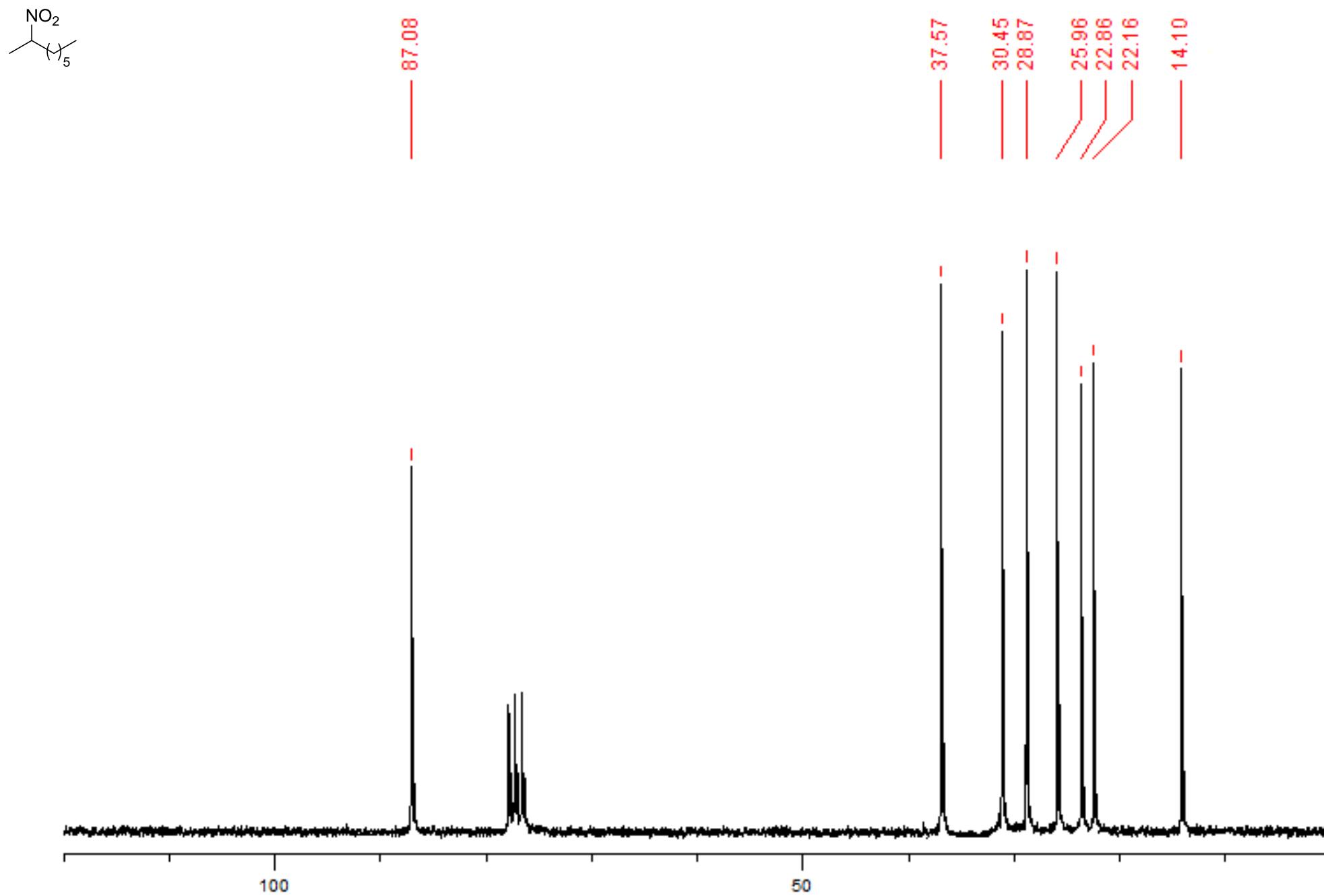
¹³C NMR - Compound 2l.



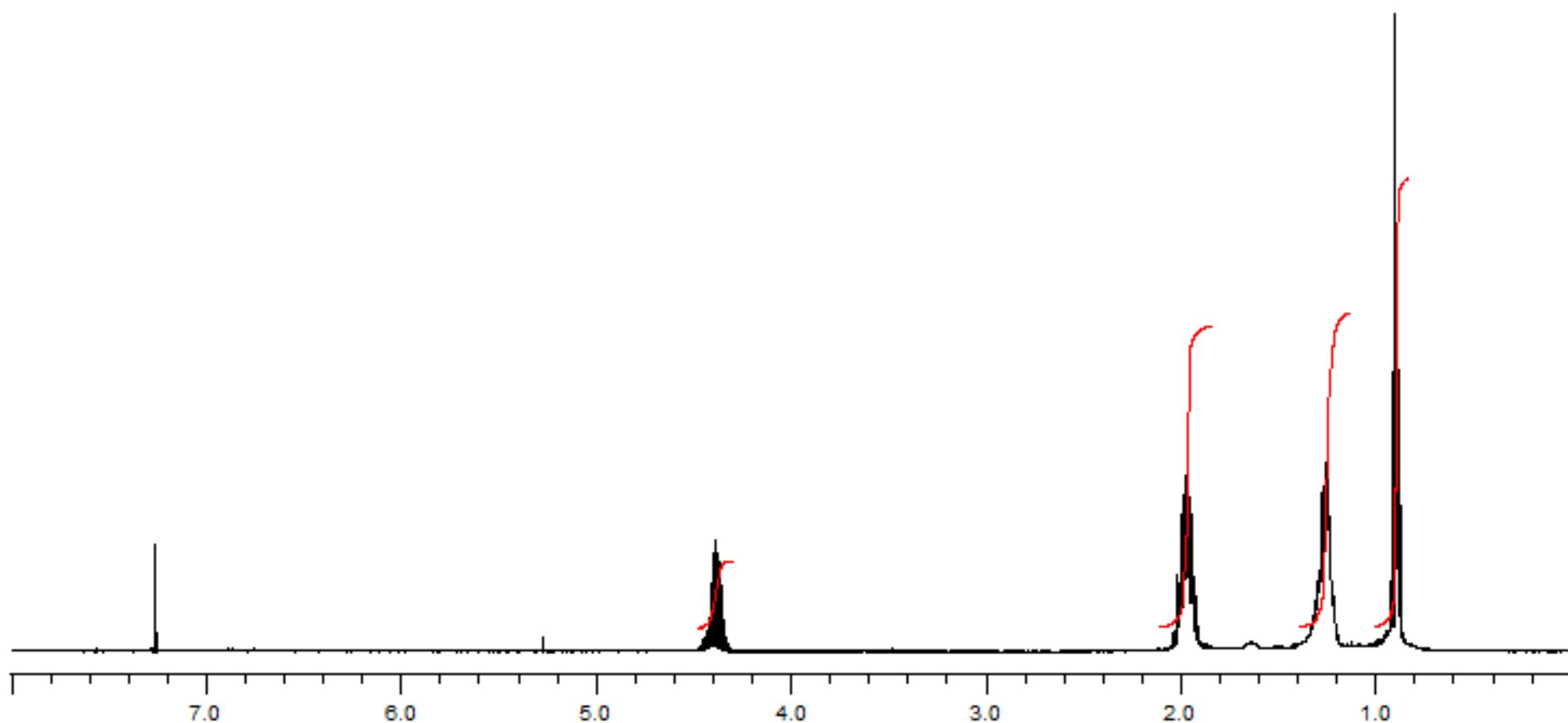
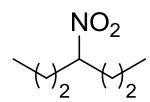
¹H NMR - Compound 2m.



¹³C NMR - Compound **2m**.



¹H NMR - Compound 2n.



¹³C NMR - Compound 2n.

