

# Supporting Information

for

## Easy and direct conversion of tosylates and mesylates into nitroalkanes

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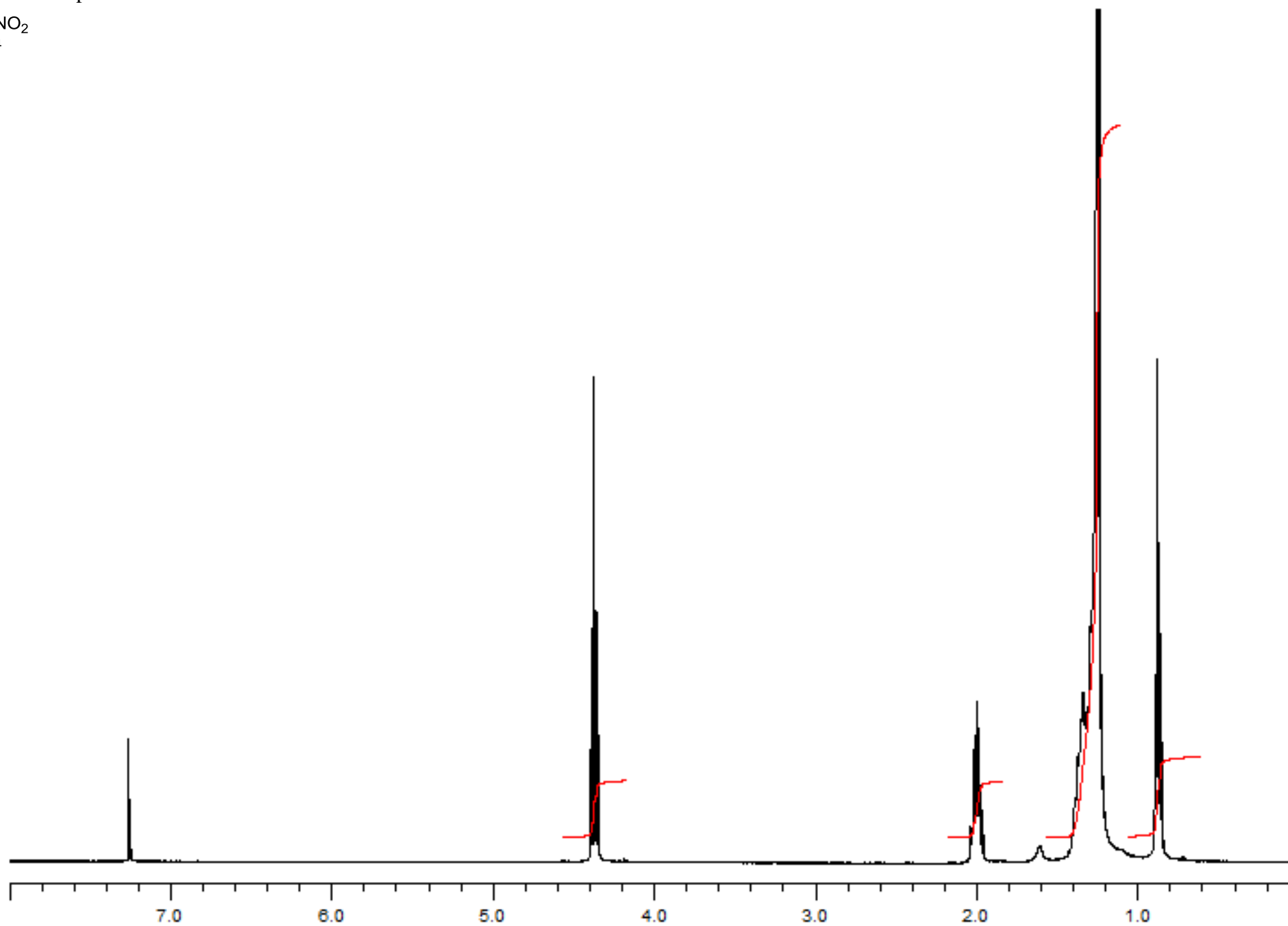
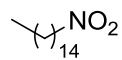
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Camerino (MC), Italy

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

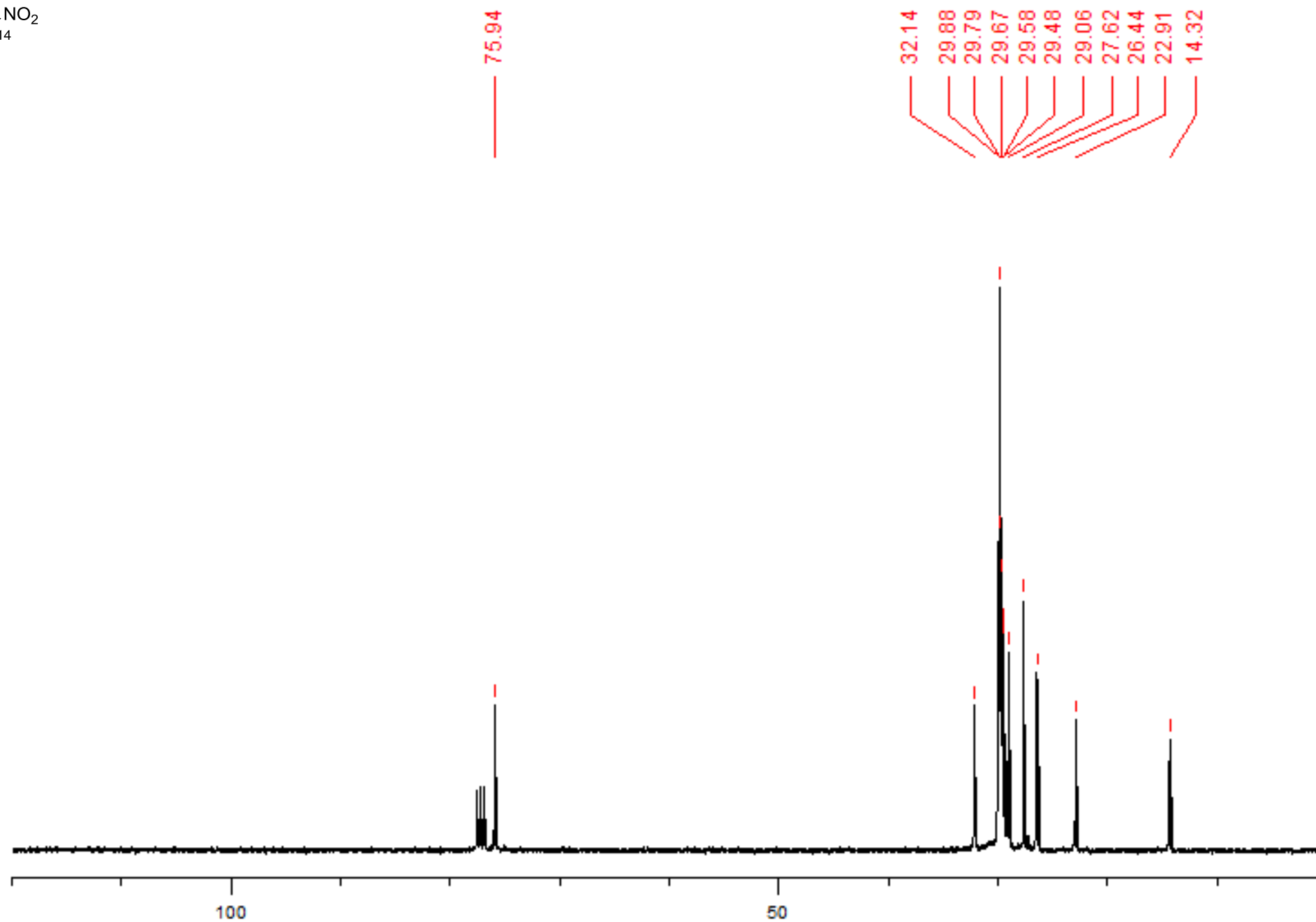
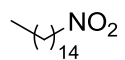
\* Corresponding author

**Copy of  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of synthesized compounds**

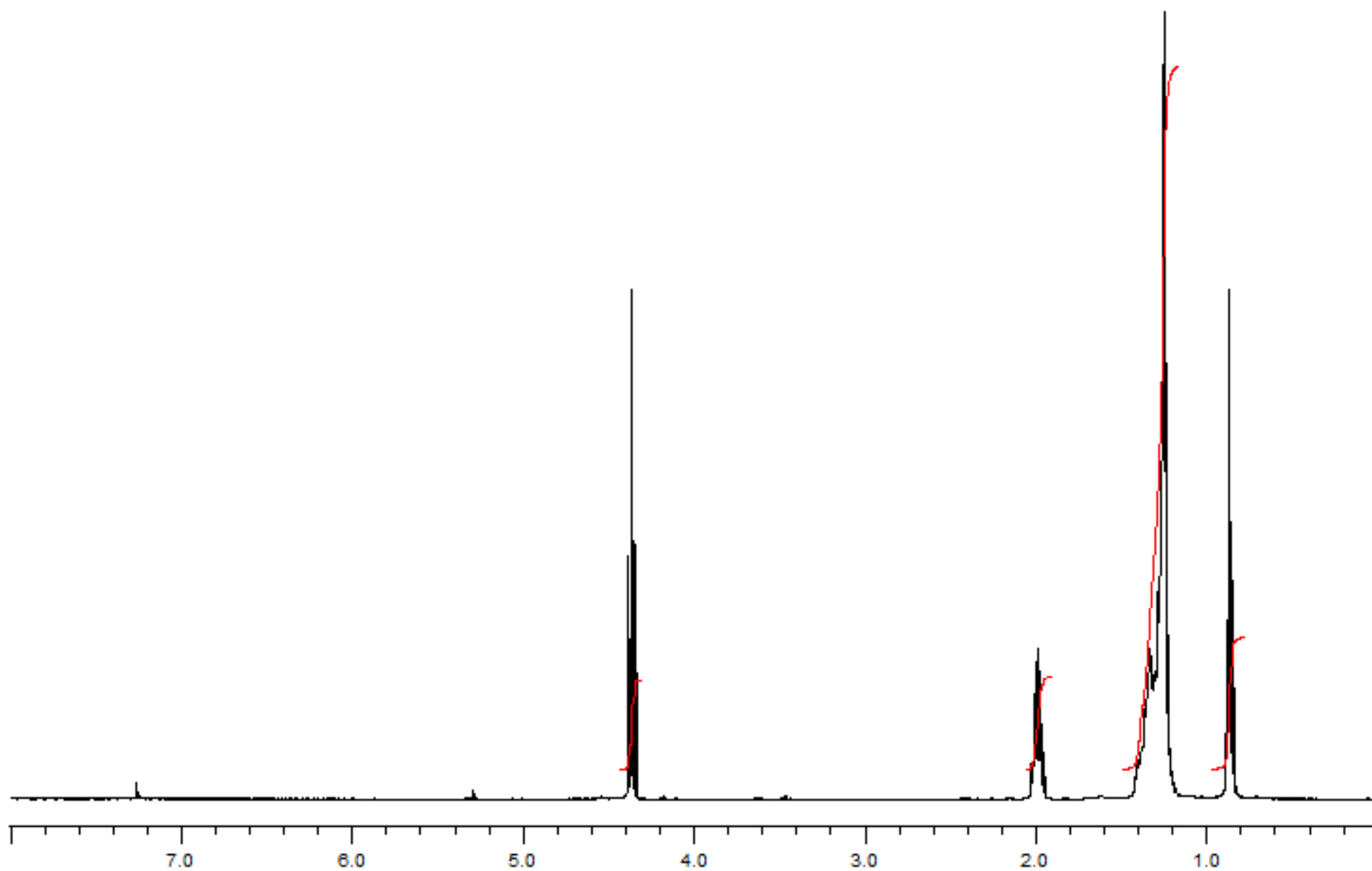
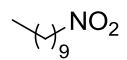
$^1\text{H}$  NMR - Compound **2a**.

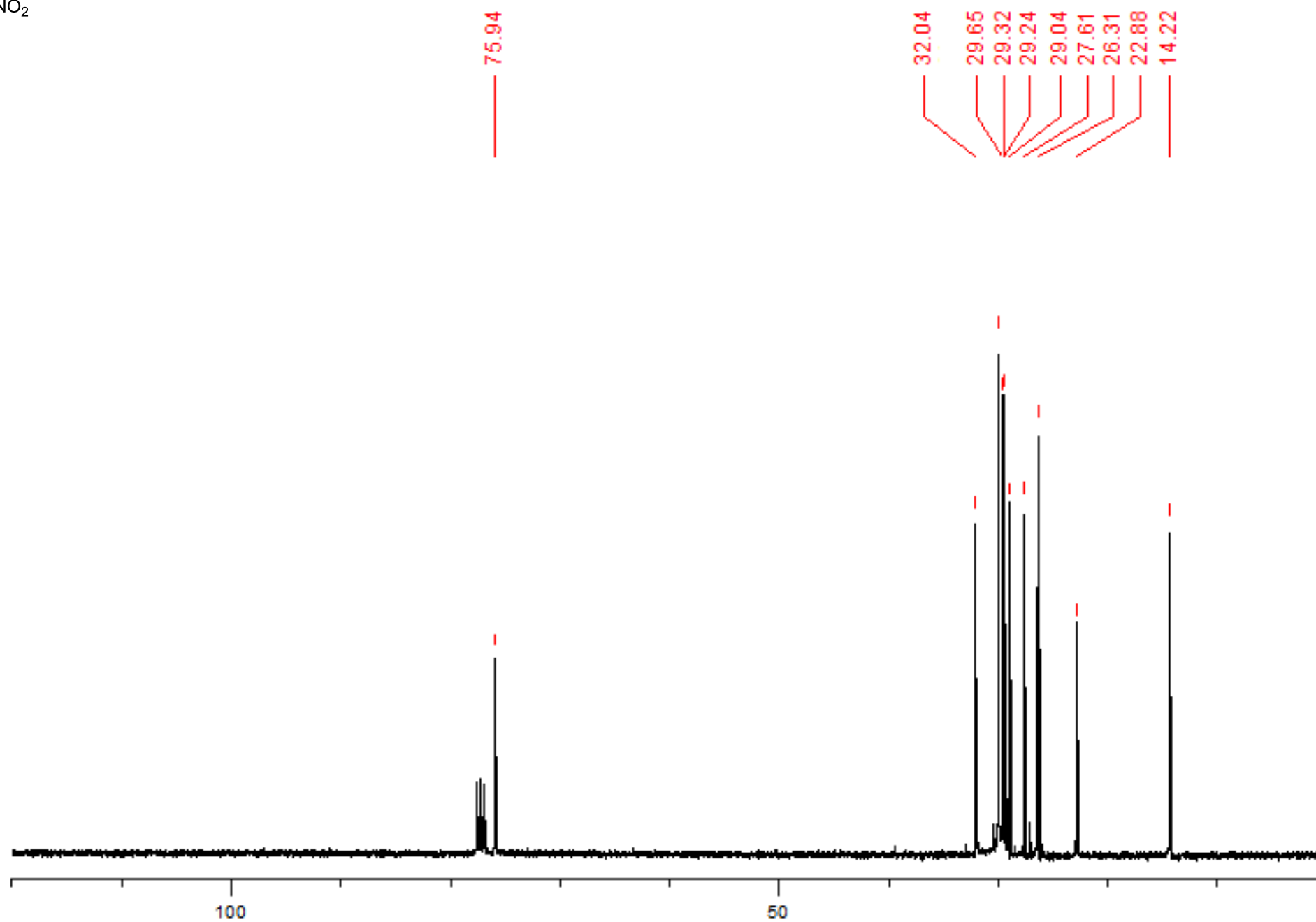


$^{13}\text{C}$  NMR - Compound **2a**.

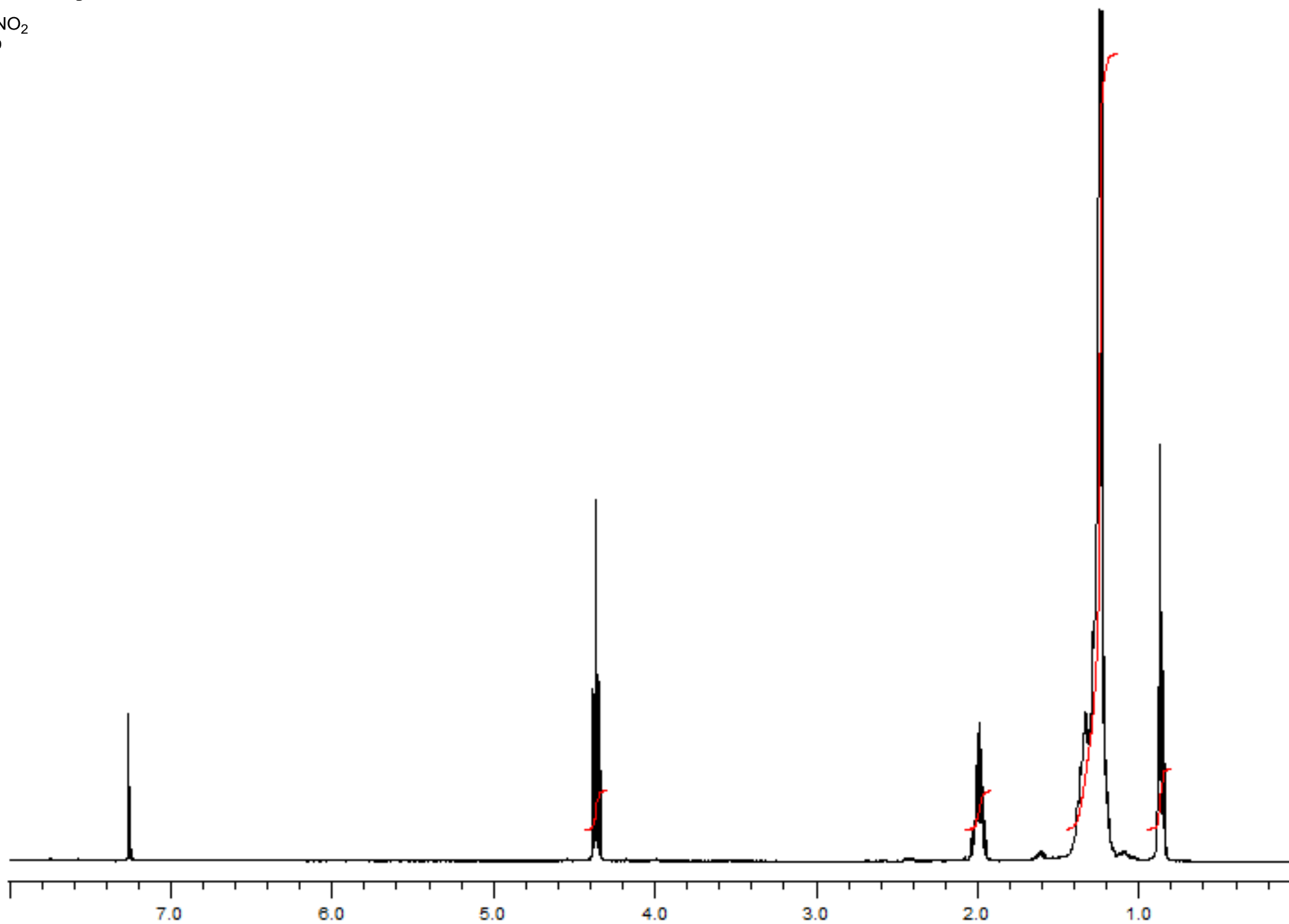
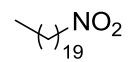


$^1\text{H}$  NMR - Compound **2b**.

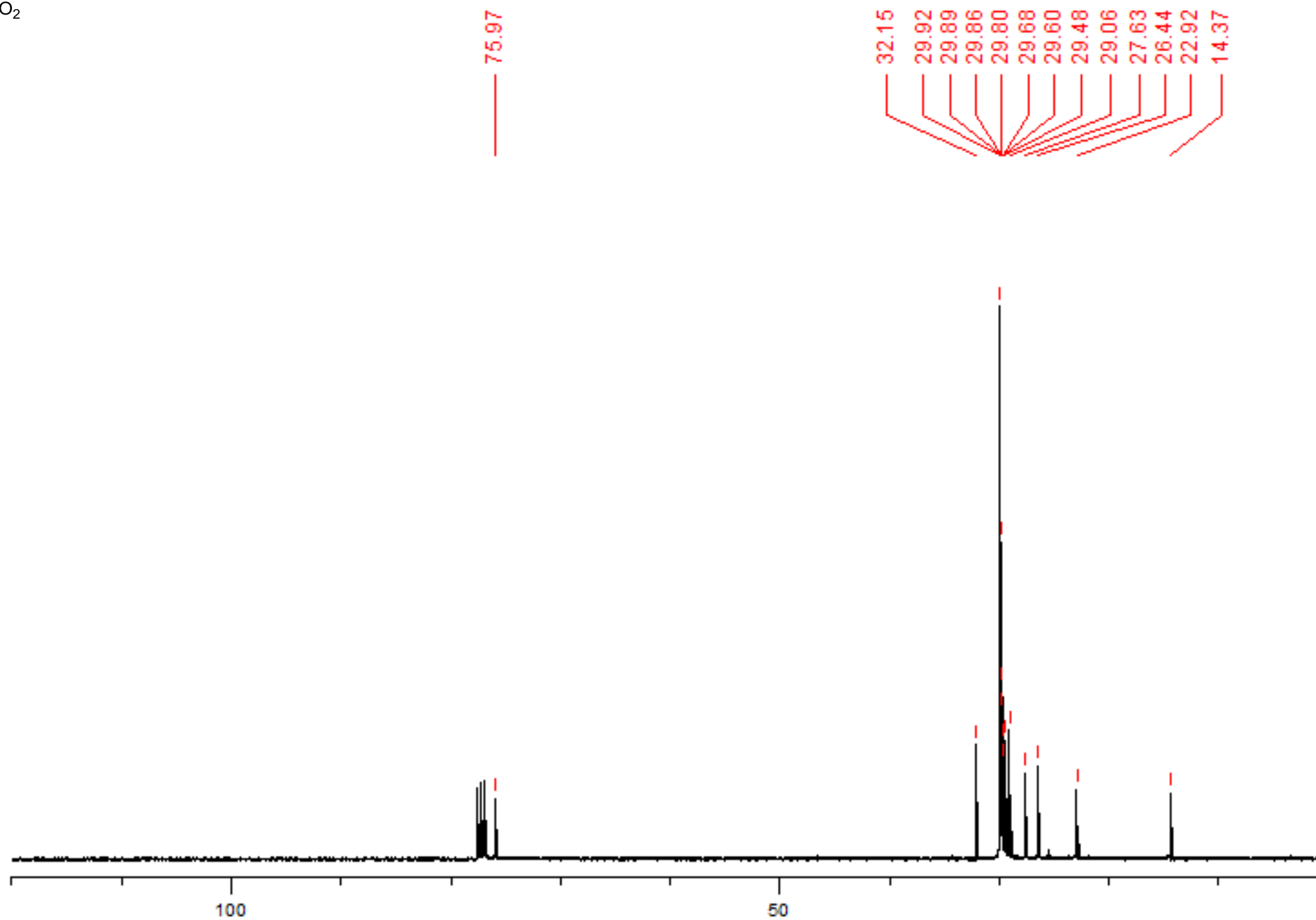
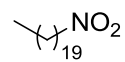


CCCCCCCCC[N+](=O)[O-]

<sup>1</sup>H NMR - Compound **2c**.



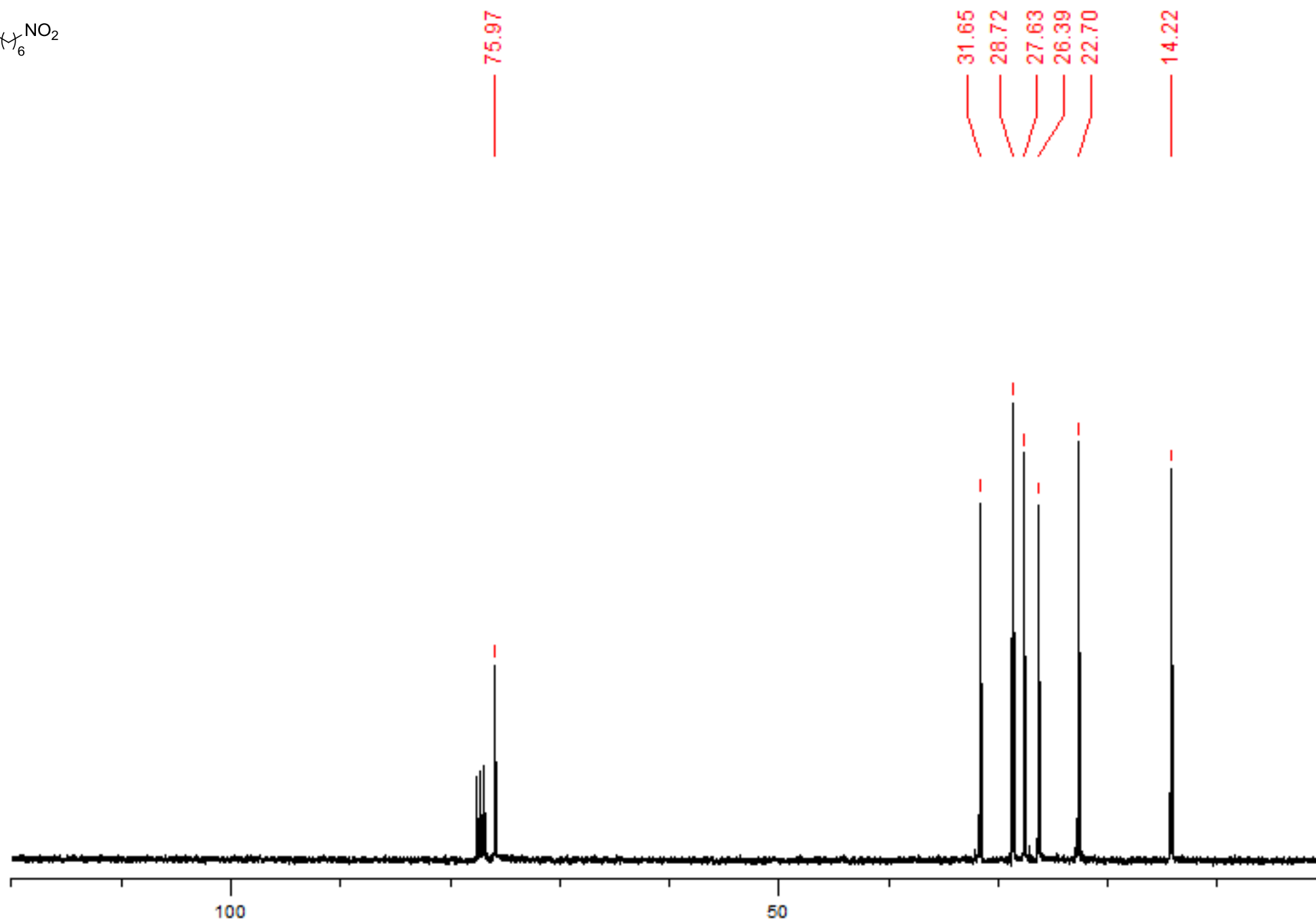
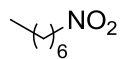
$^{13}\text{C}$  NMR - Compound **2c**.



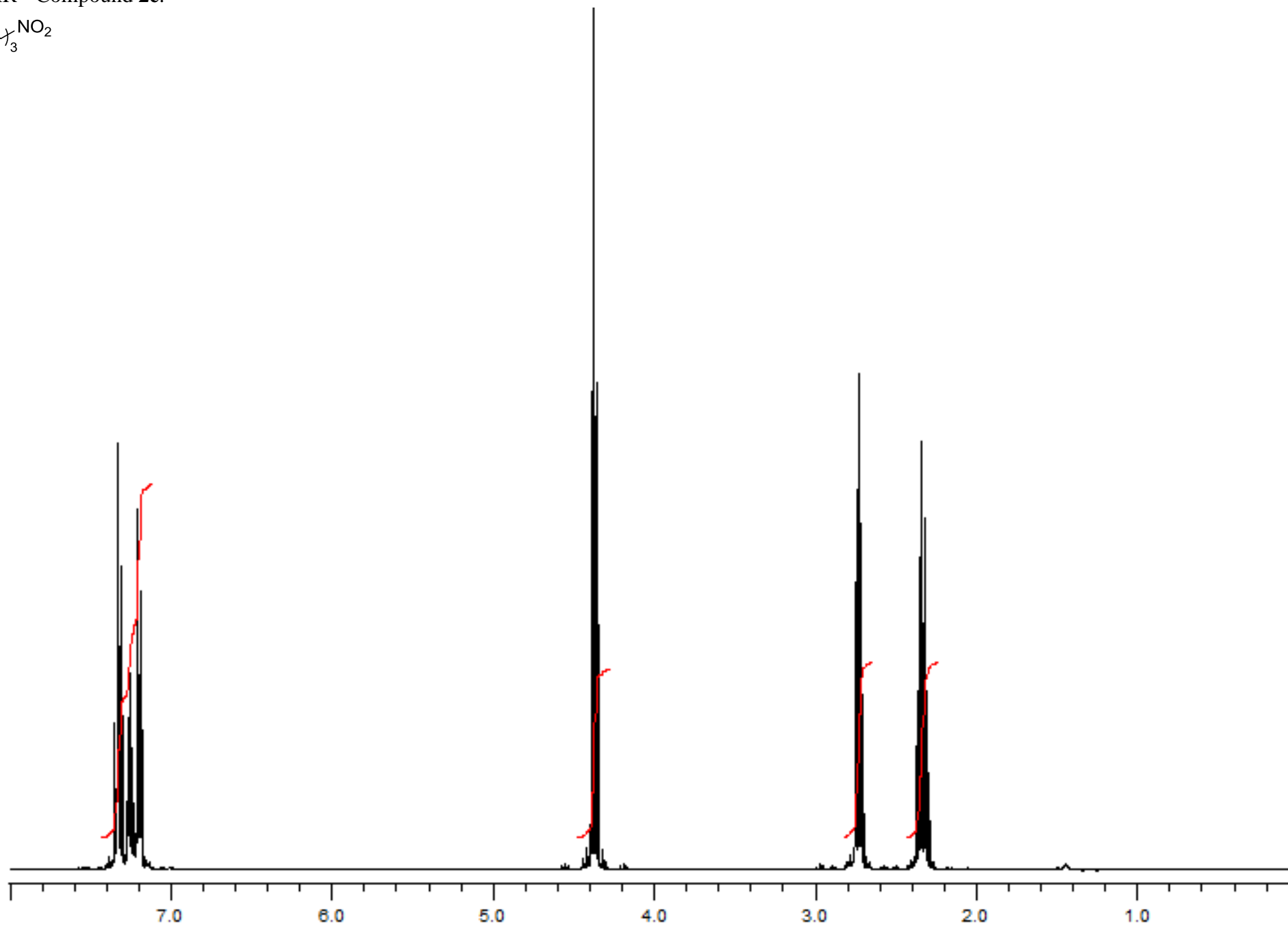
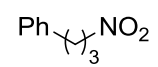
CCCCCCCC[N+](=O)[O-]



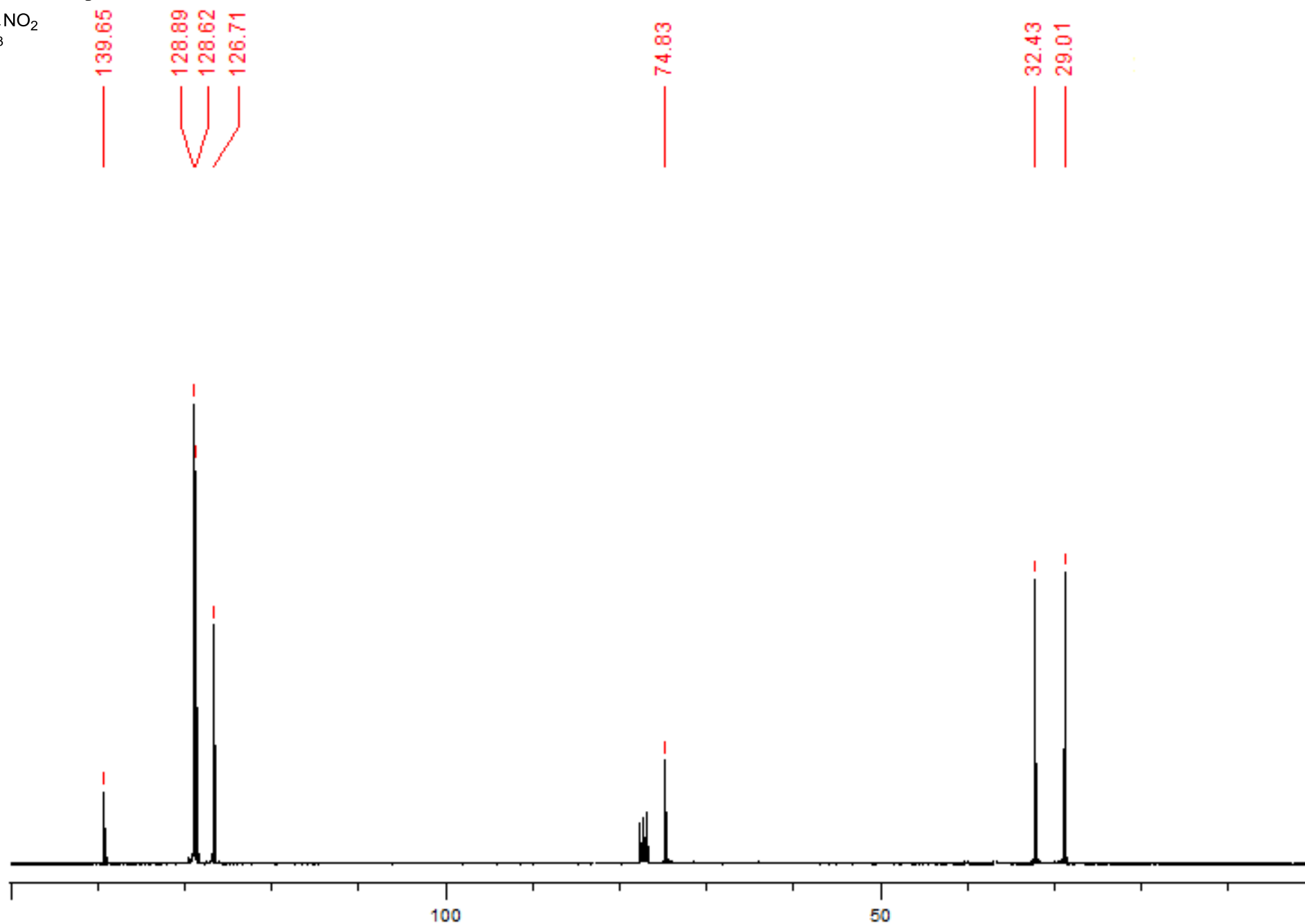
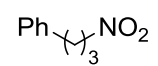
$^{13}\text{C}$  NMR - Compound **2d**.



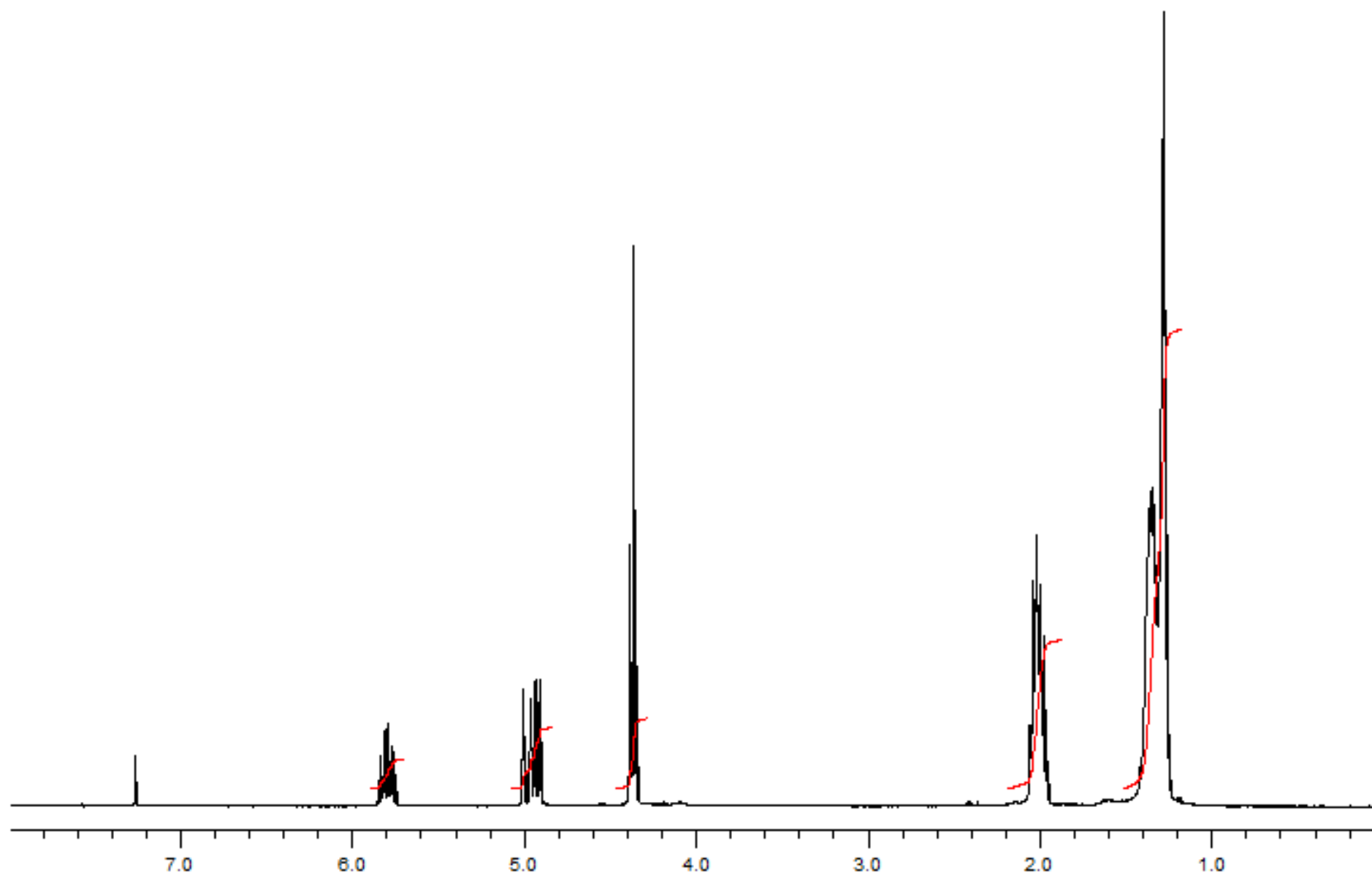
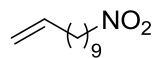
$^1\text{H}$  NMR - Compound **2e**.



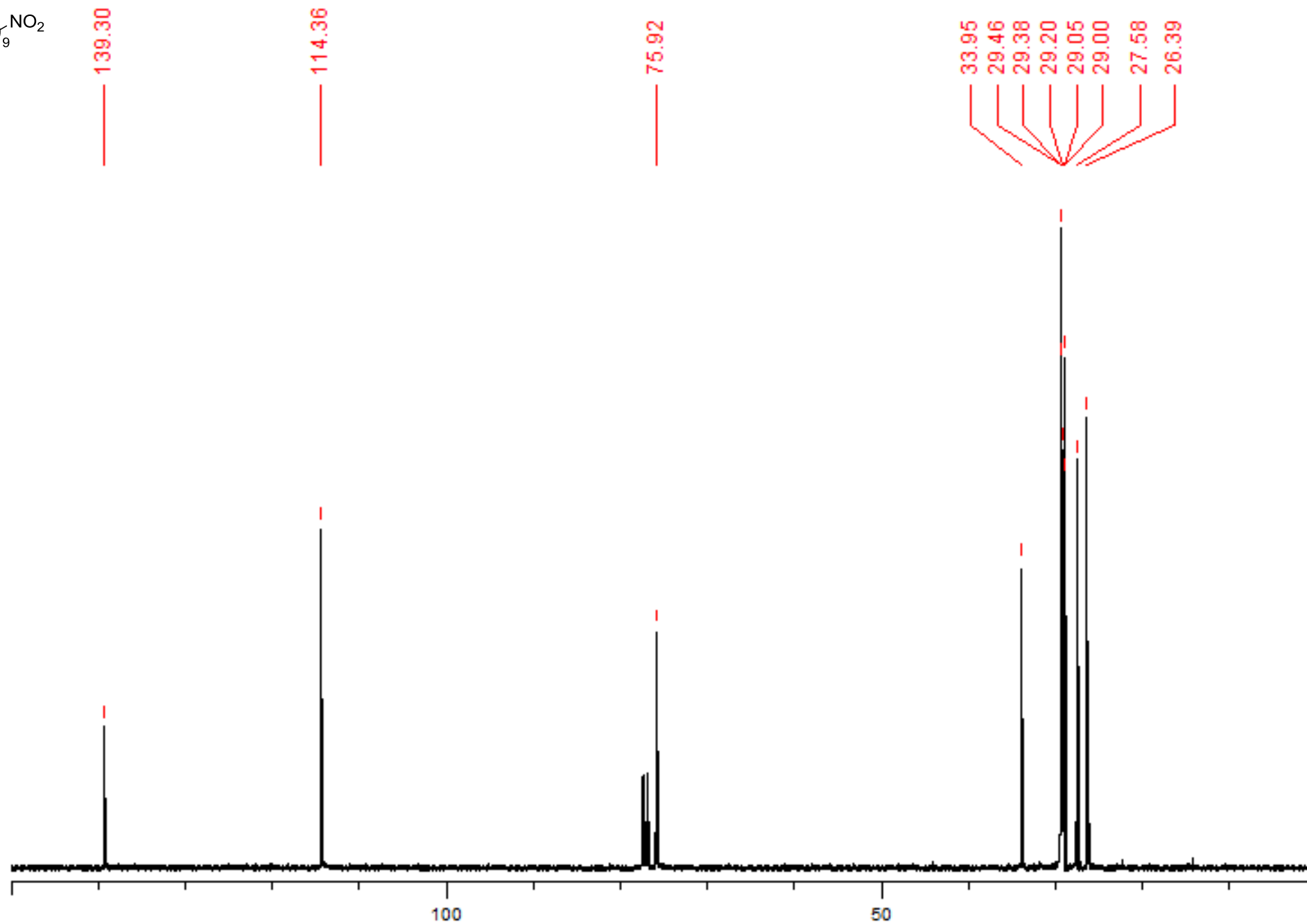
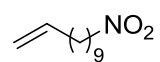
$^{13}\text{C}$  NMR - Compound **2e**.



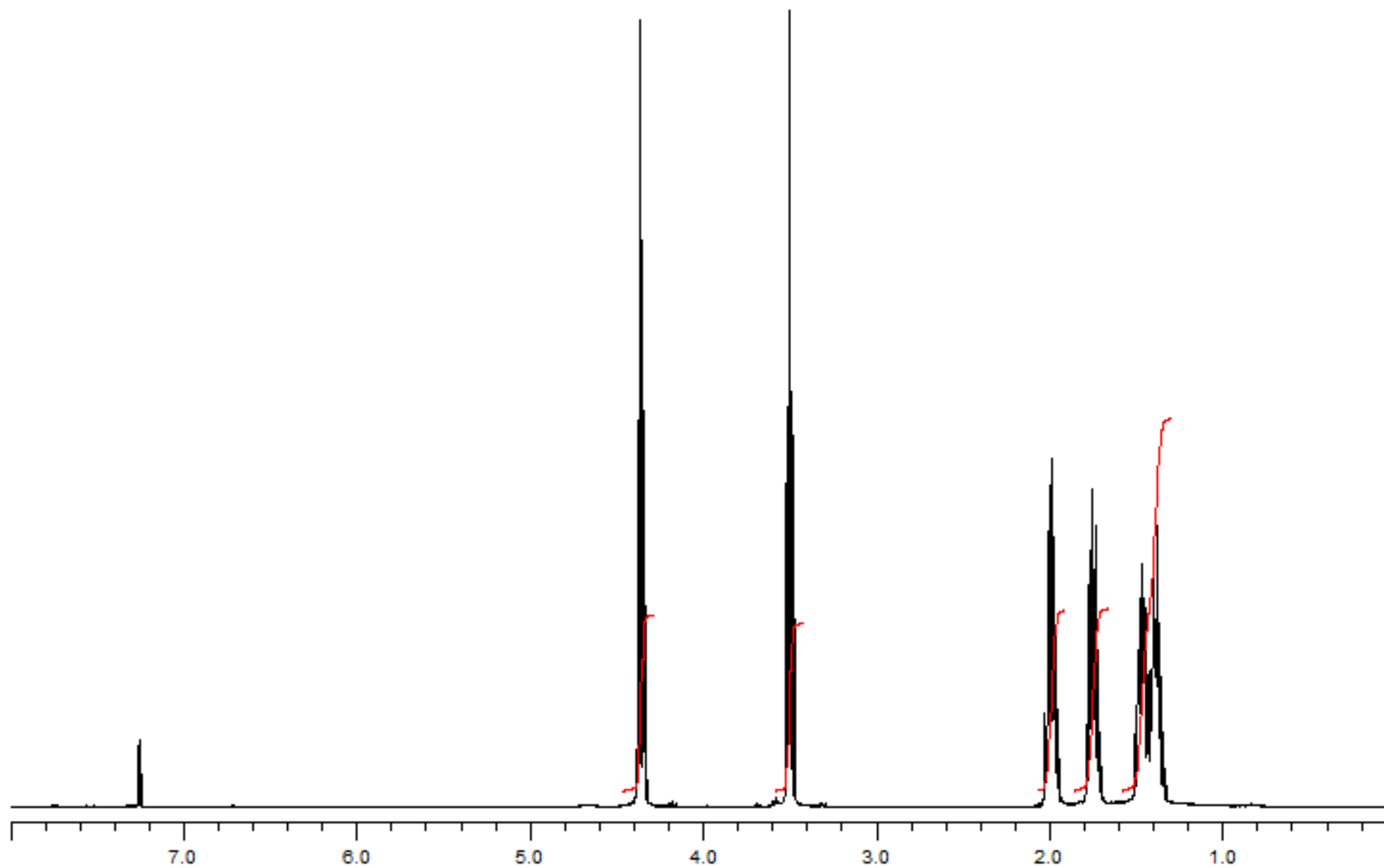
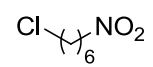
<sup>1</sup>H NMR - Compound **2f**.



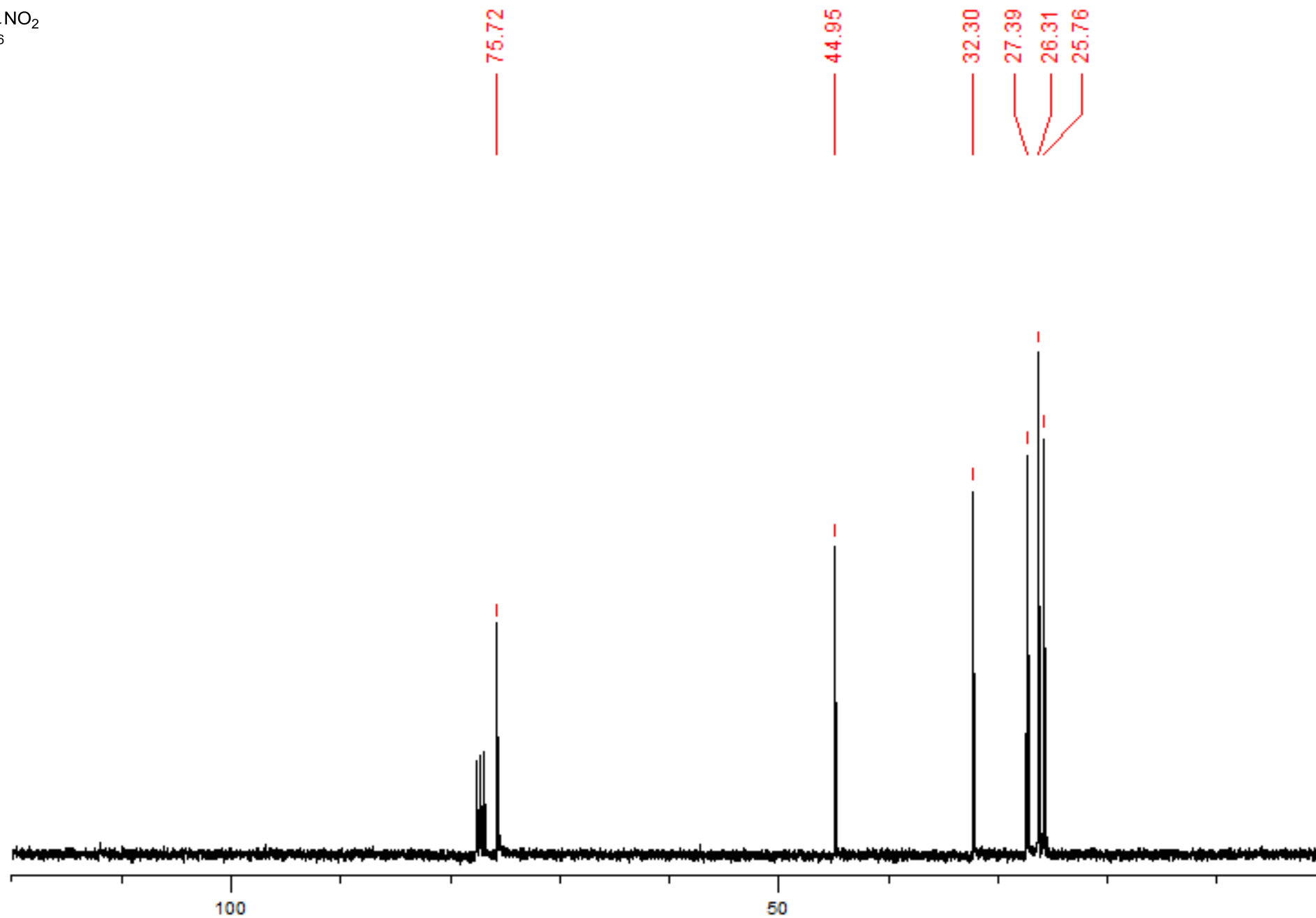
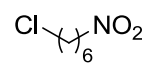
$^{13}\text{C}$  NMR - Compound **2f**.



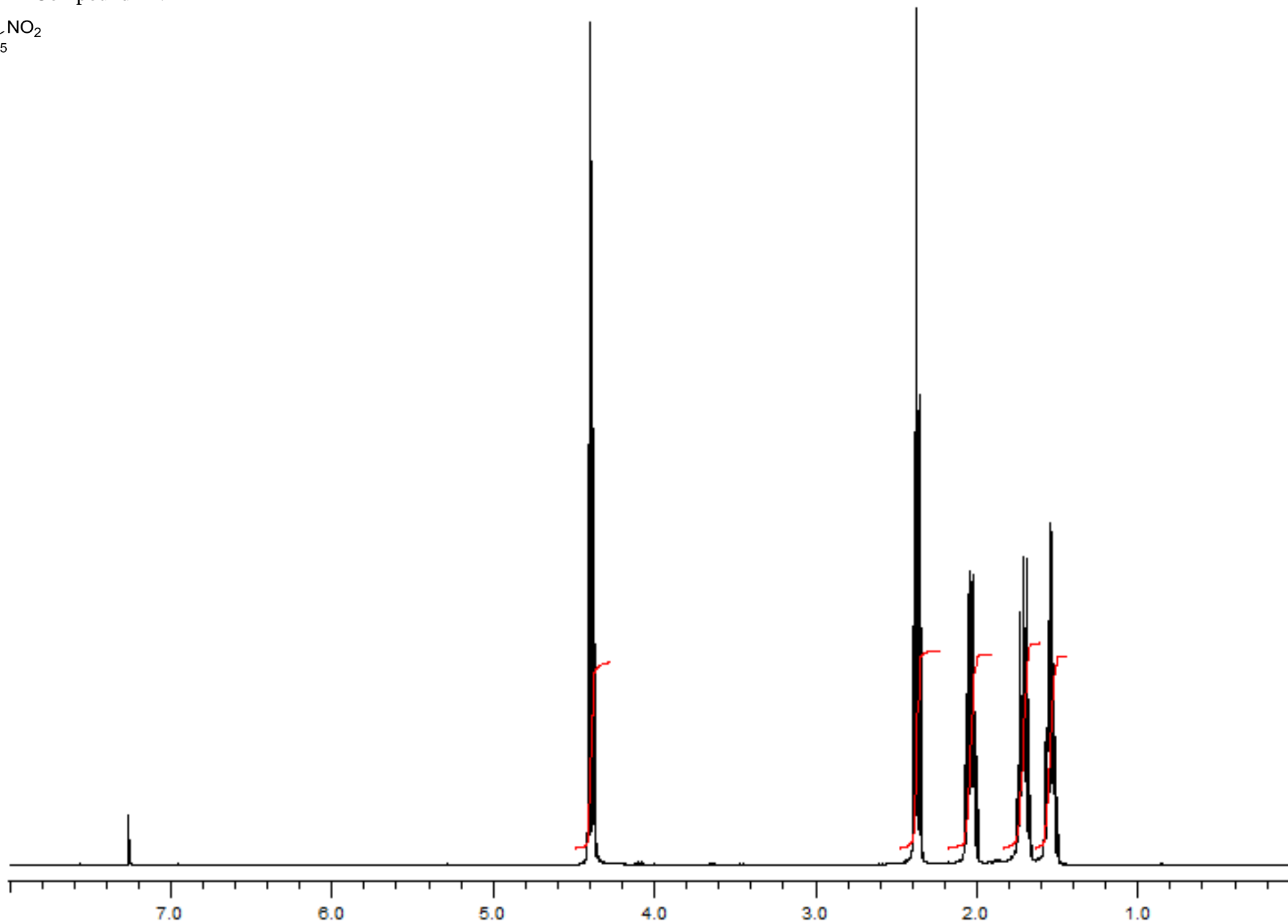
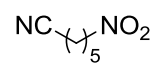
$^1\text{H}$  NMR - Compound **2g**.



$^{13}\text{C}$  NMR - Compound **2g**.

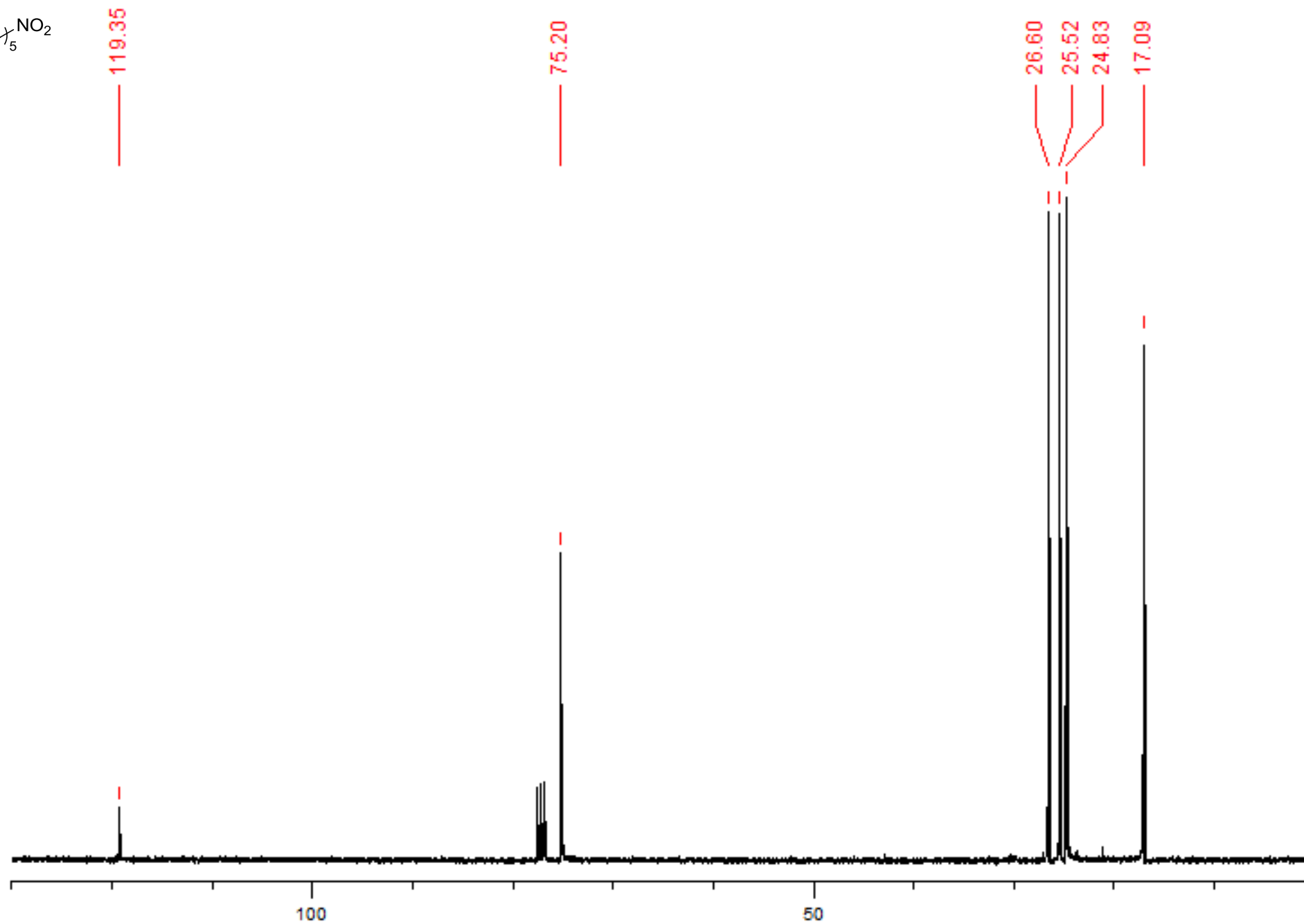
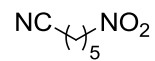


<sup>1</sup>H NMR - Compound **2h**.

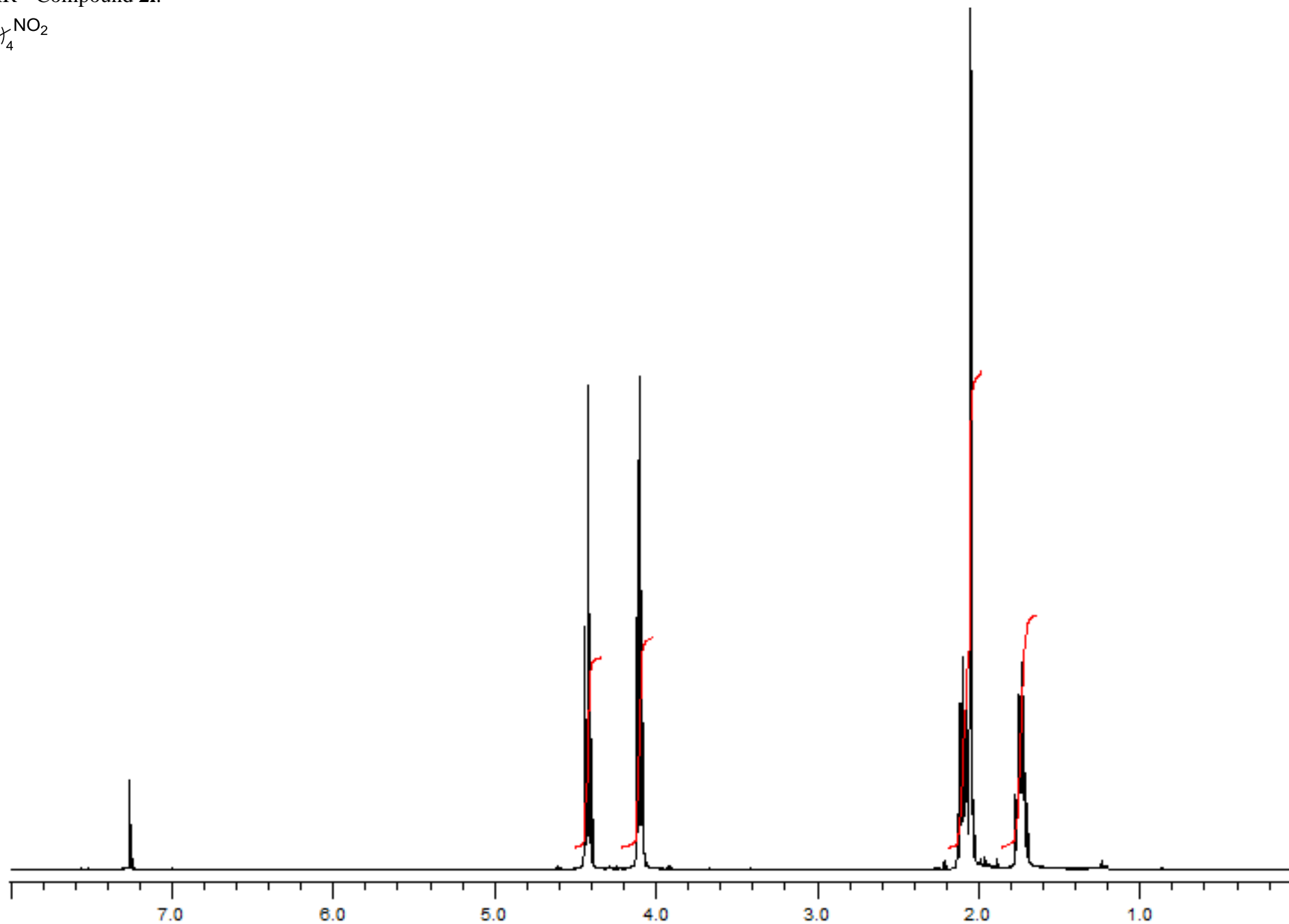
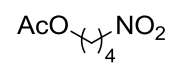




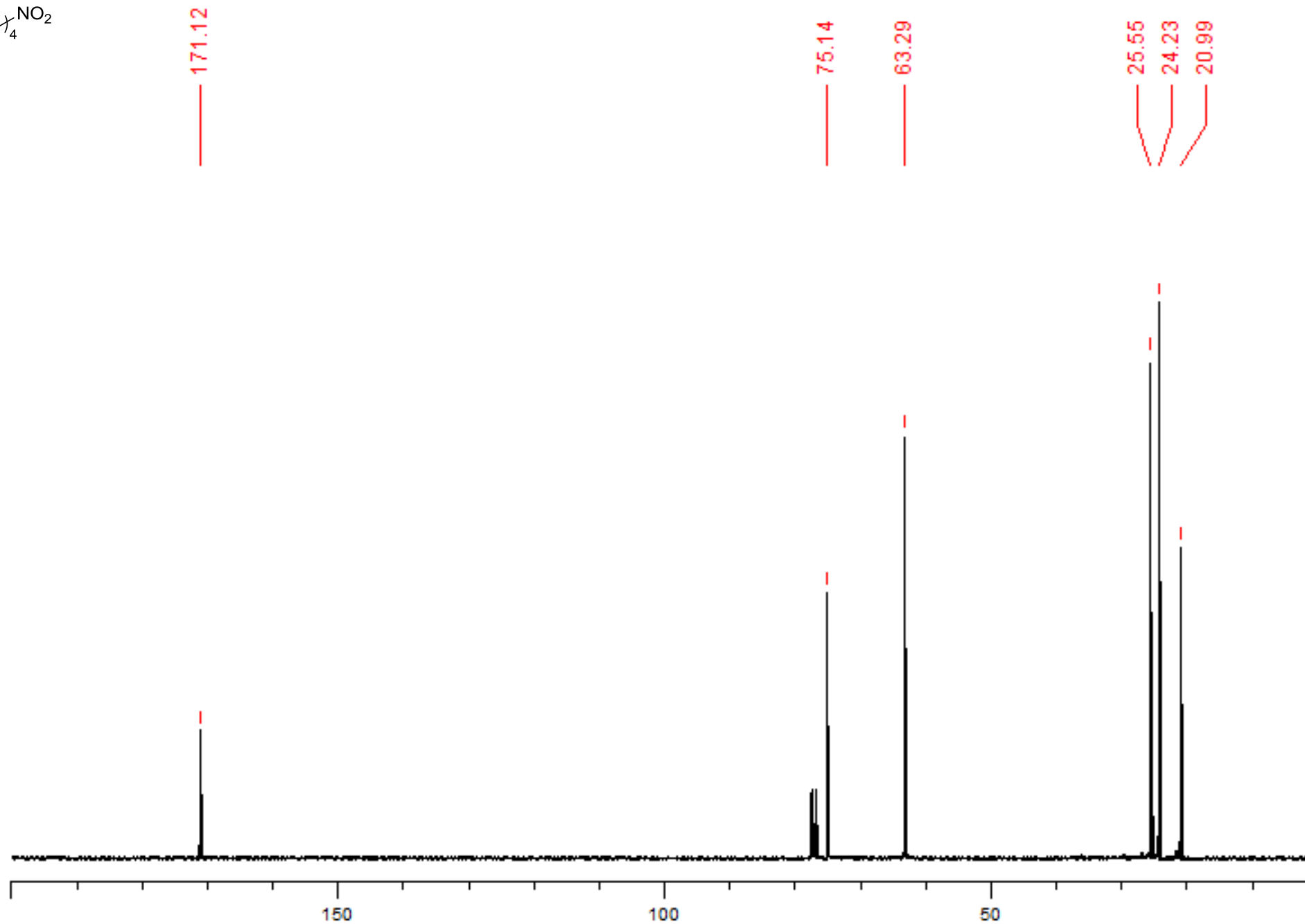
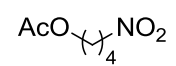
<sup>13</sup>C NMR - Compound **2h**.

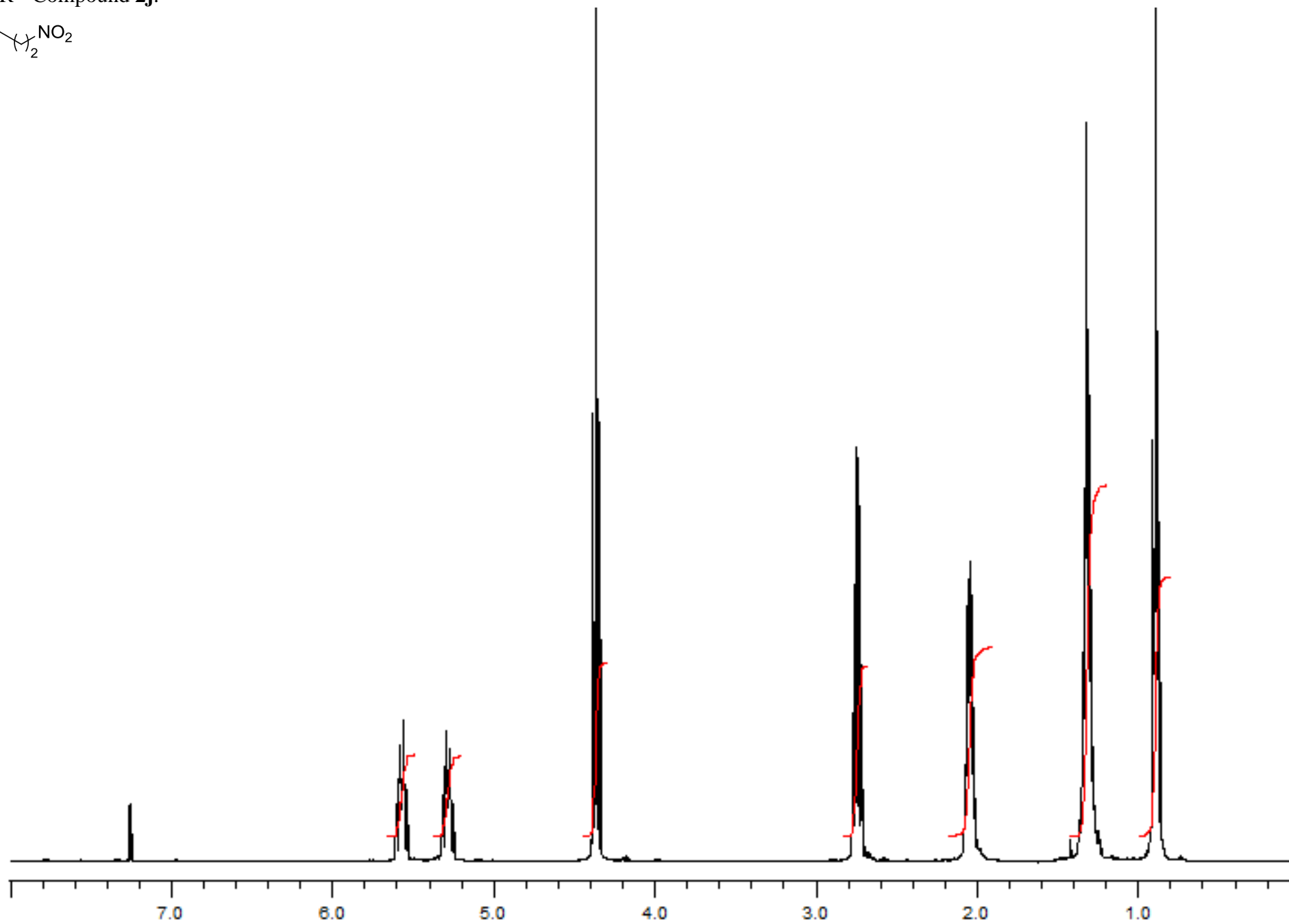


$^1\text{H}$  NMR - Compound **2i**.

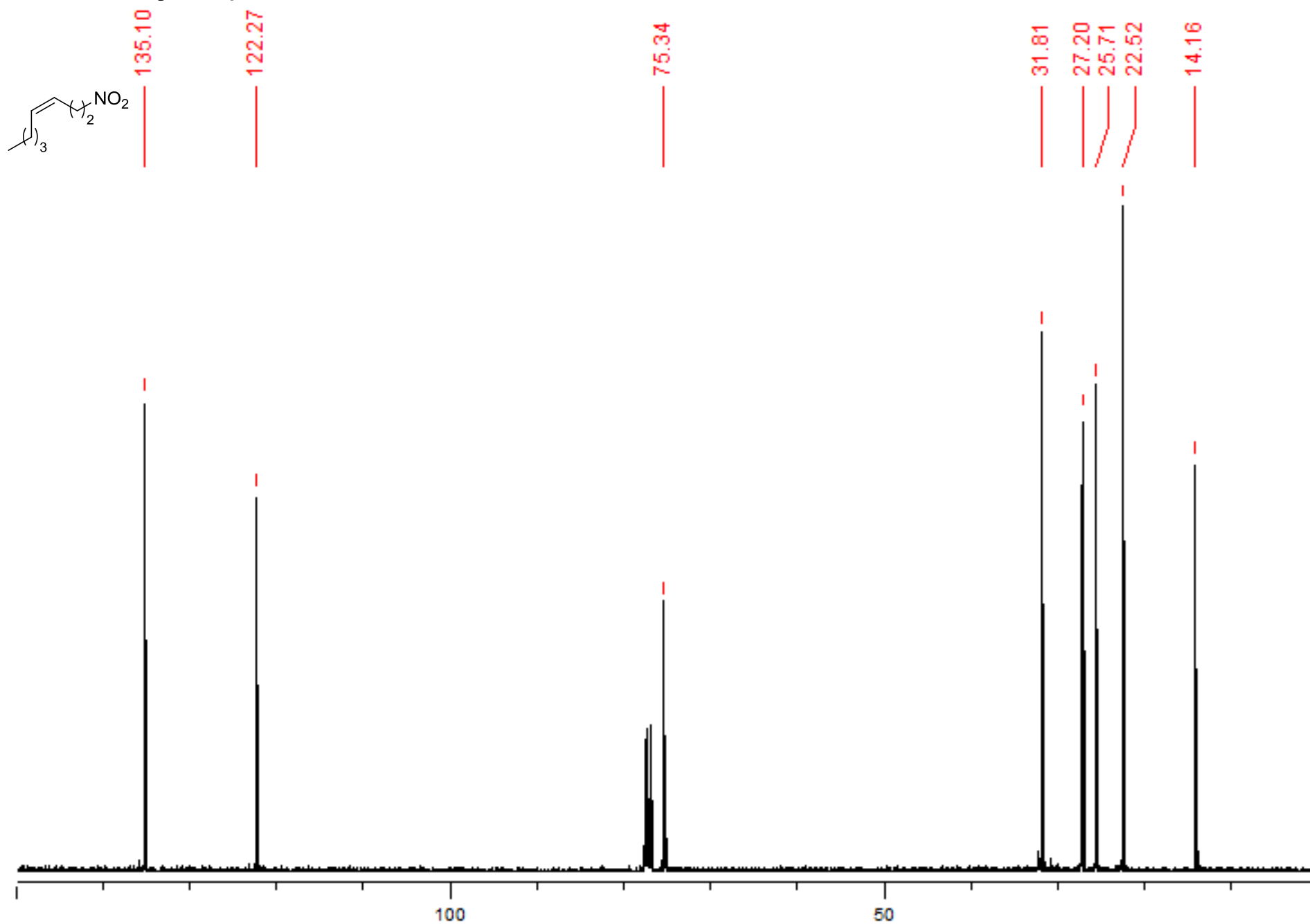


$^{13}\text{C}$  NMR - Compound **2i**.

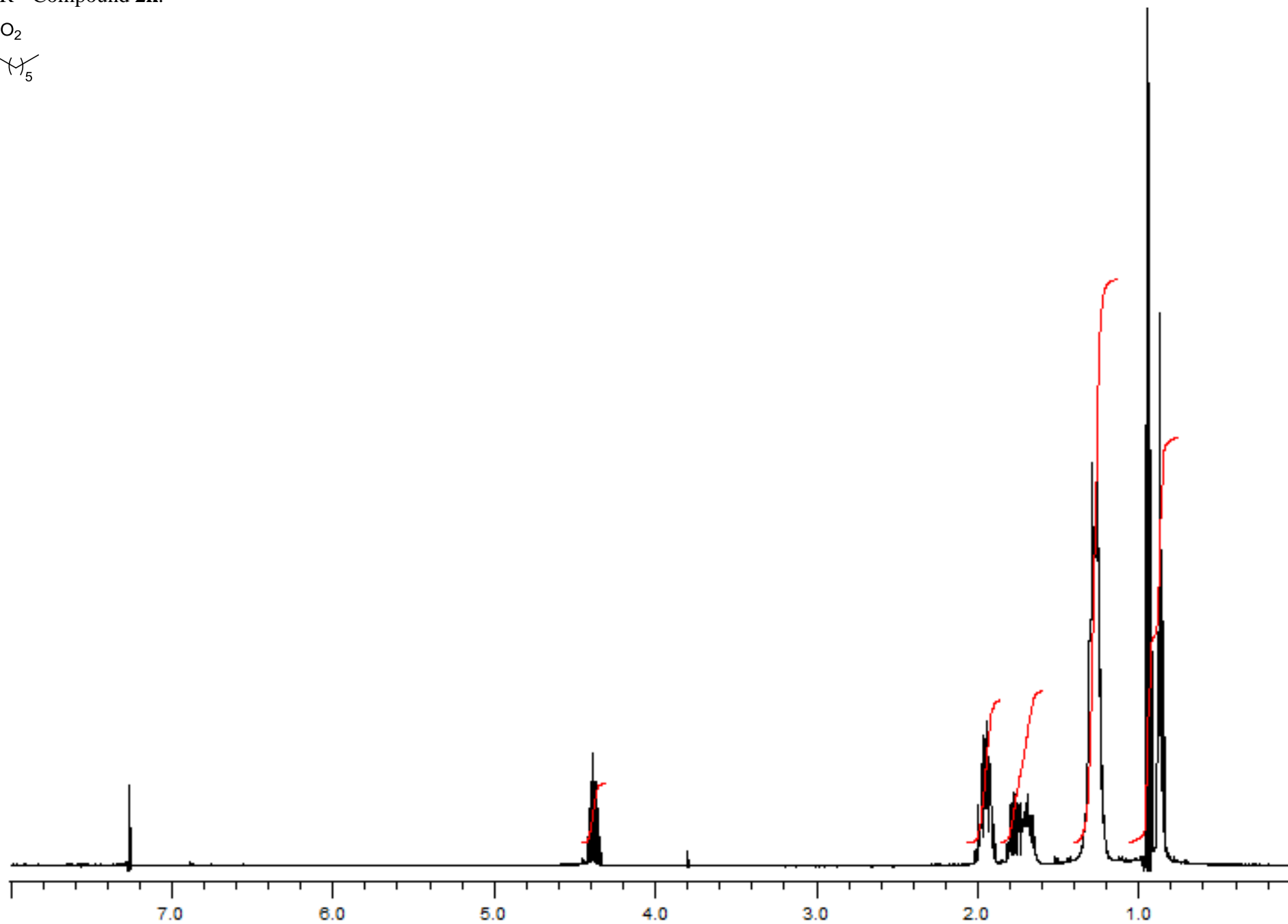
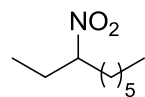


CCCCC/C=C/CC[N+](=O)[O-]

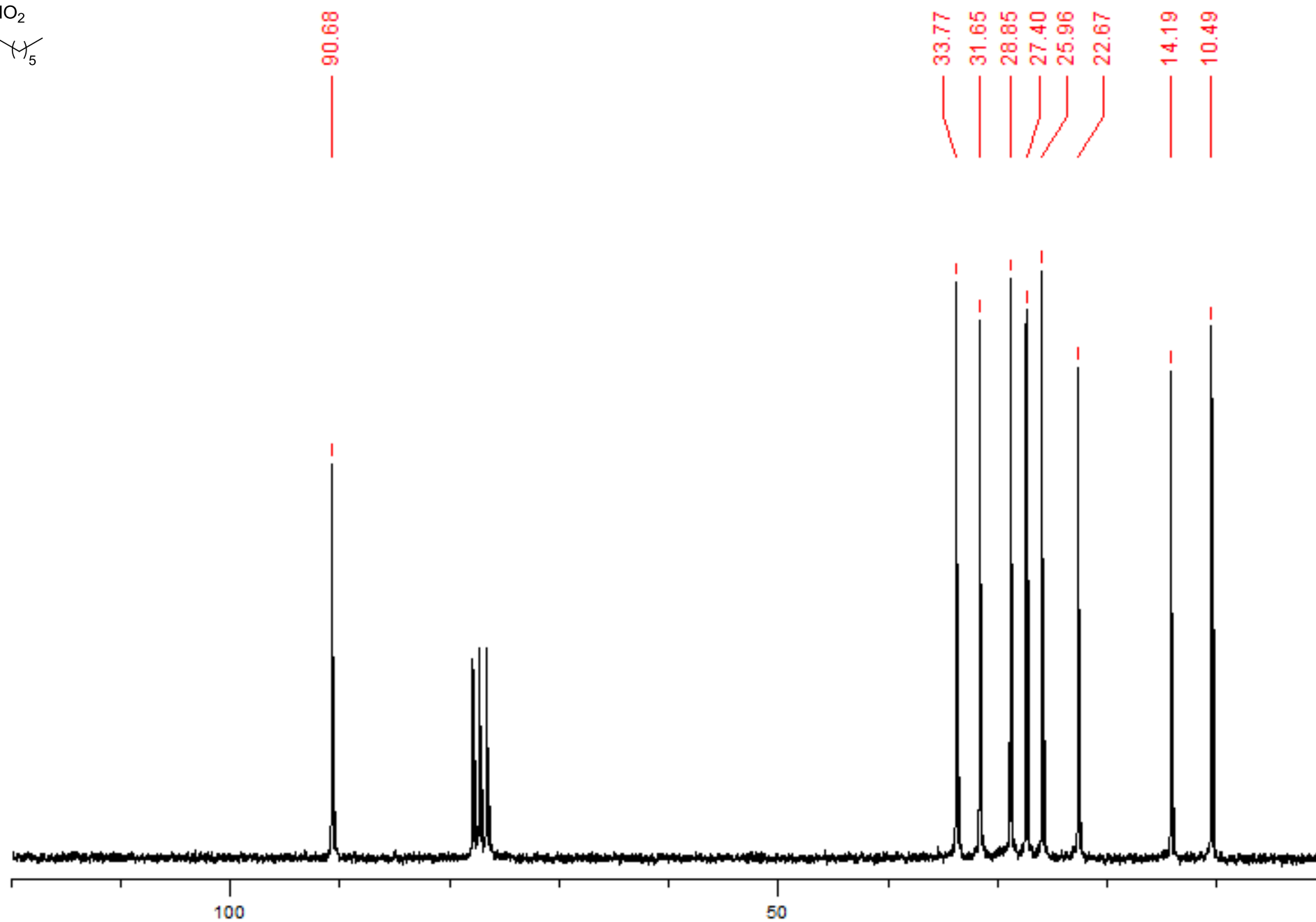
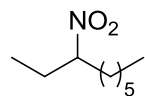
$^{13}\text{C}$  NMR - Compound **2j**.



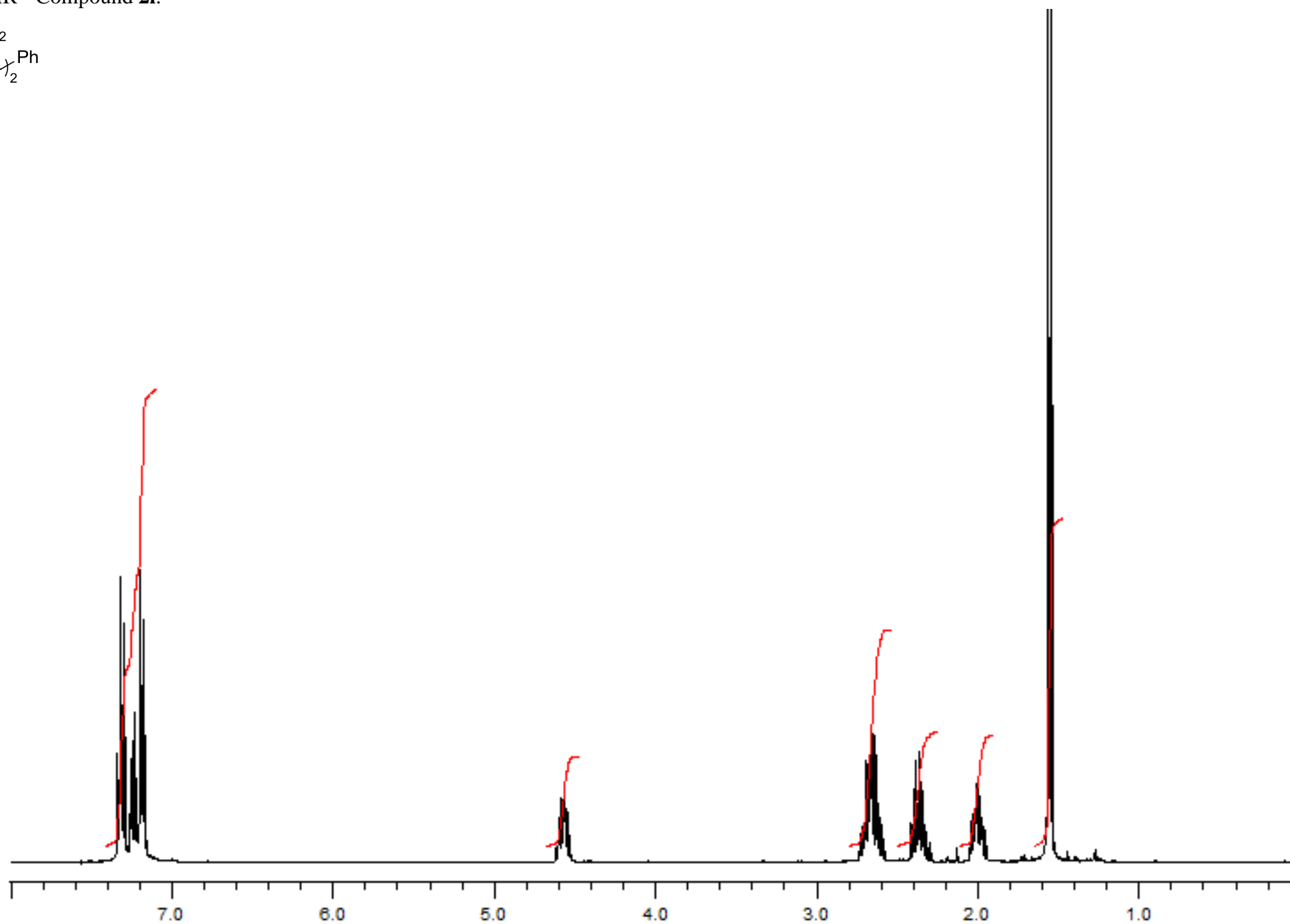
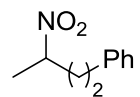
$^1\text{H}$  NMR - Compound **2k**.



$^{13}\text{C}$  NMR - Compound **2k**.

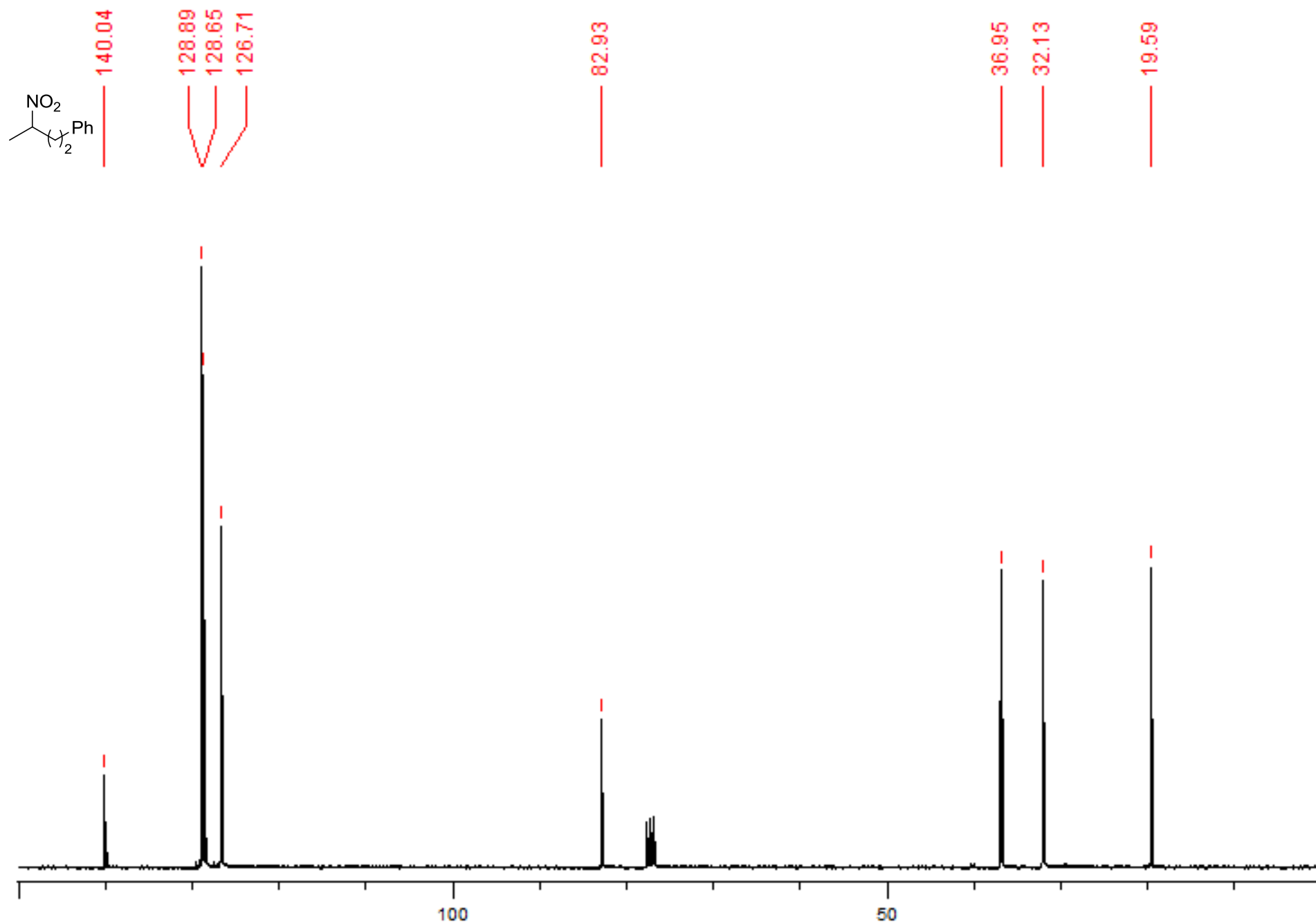


$^1\text{H}$  NMR - Compound **21**.

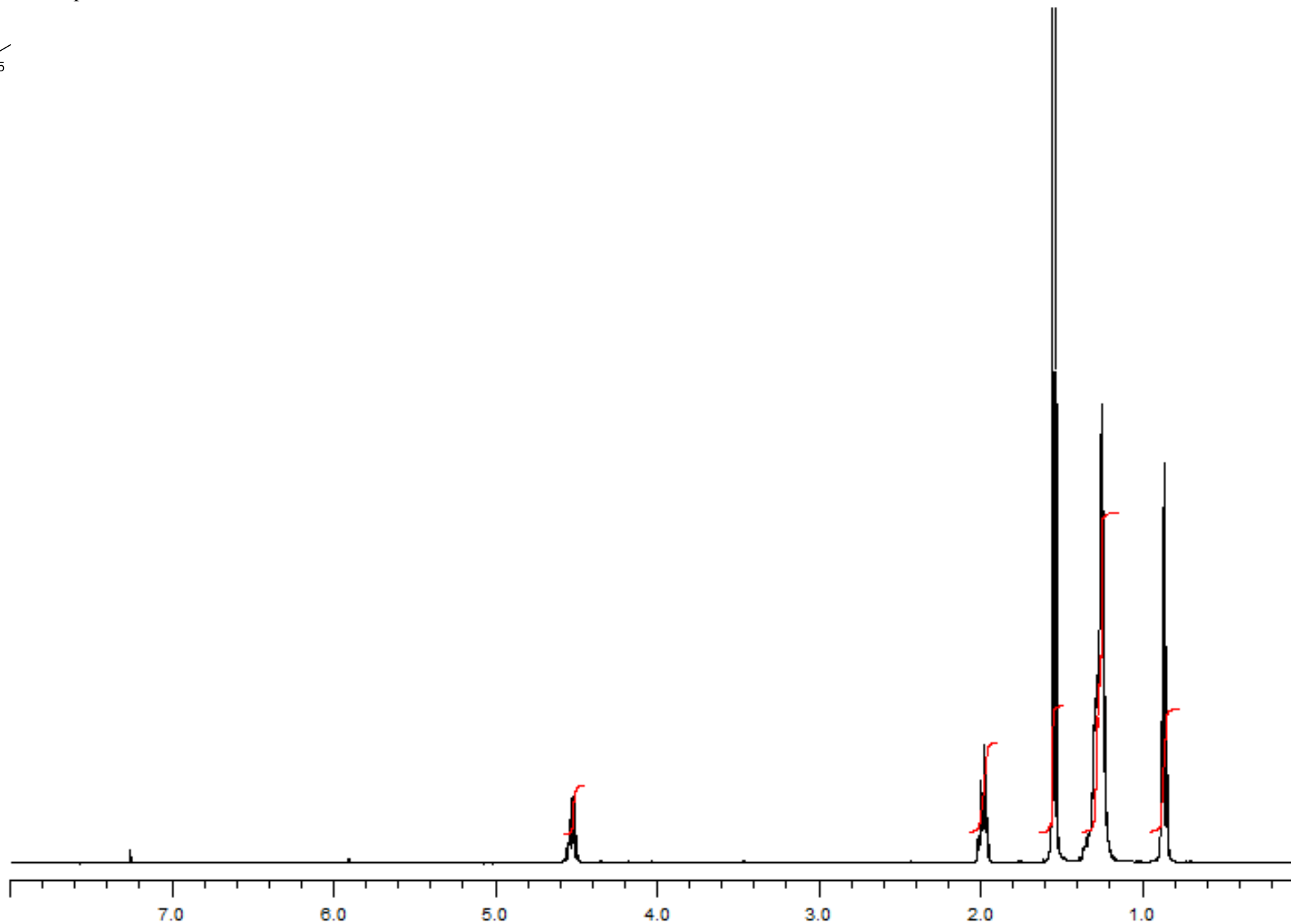
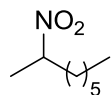


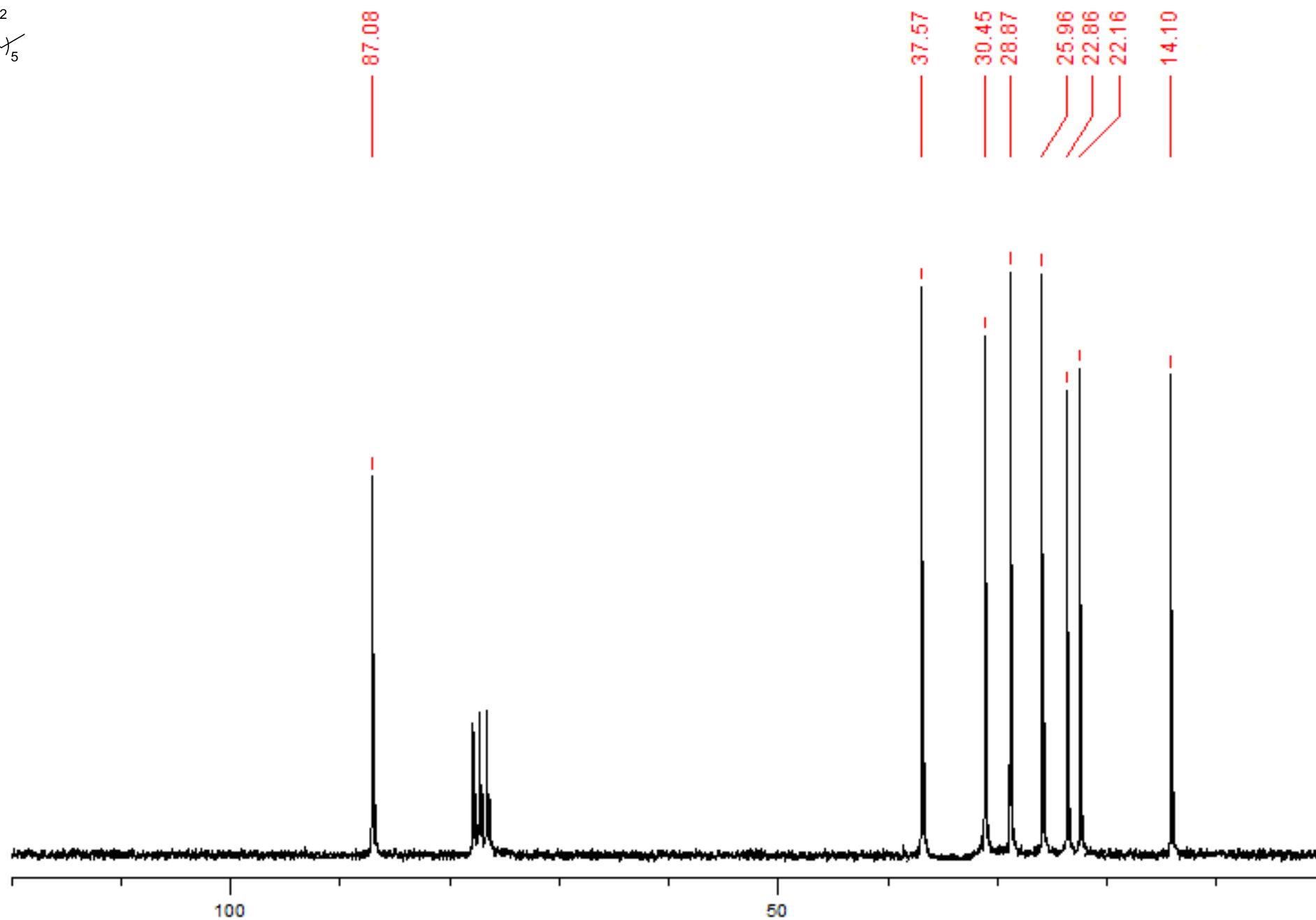


$^{13}\text{C}$  NMR - Compound **2l**.

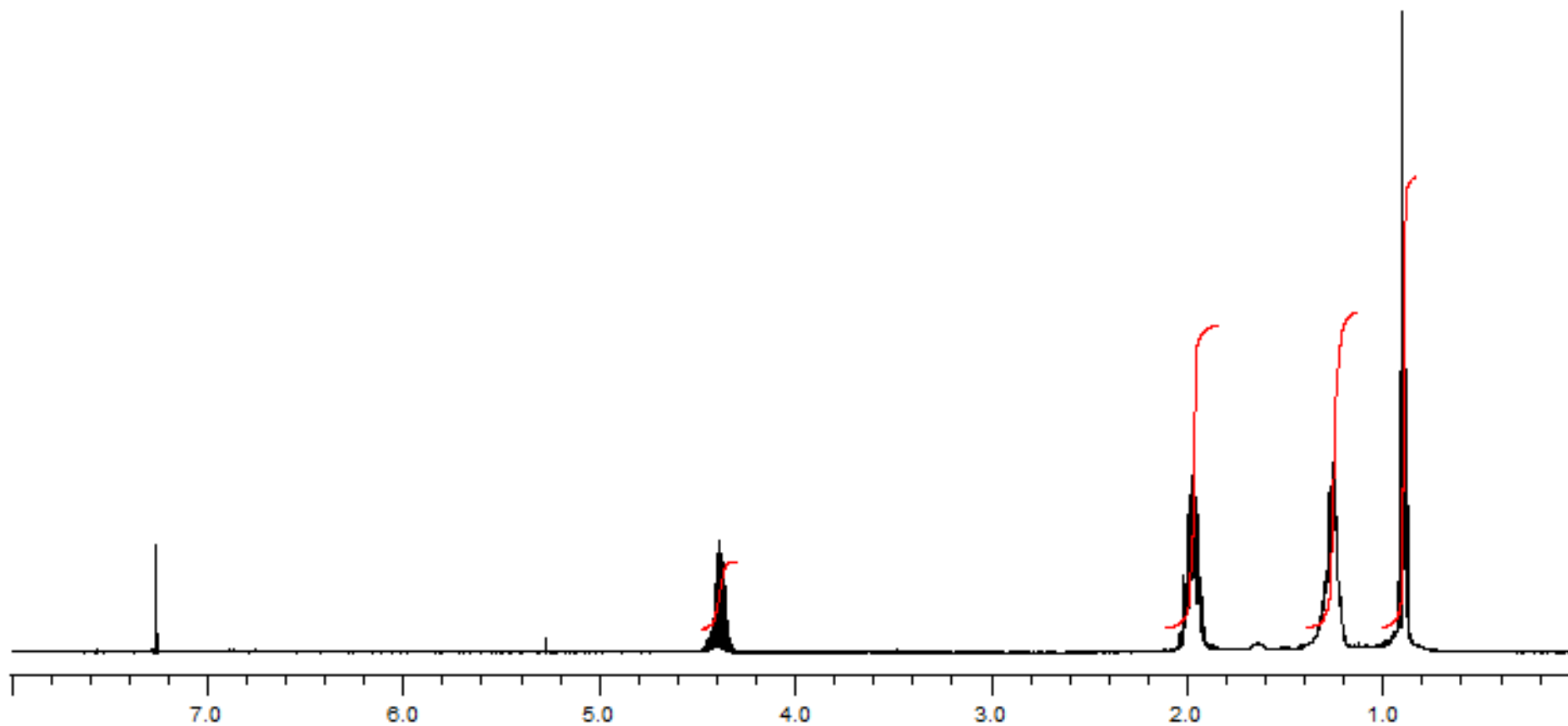
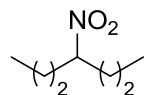


$^1\text{H}$  NMR - Compound **2m**.



CC(C)CCCCCCCCC(C)C

$^1\text{H}$  NMR - Compound **2n**.



$^{13}\text{C}$  NMR - Compound **2n**.

