


SPEKTRUM ANALİZ ÖRNEK ÇÖZÜMLER

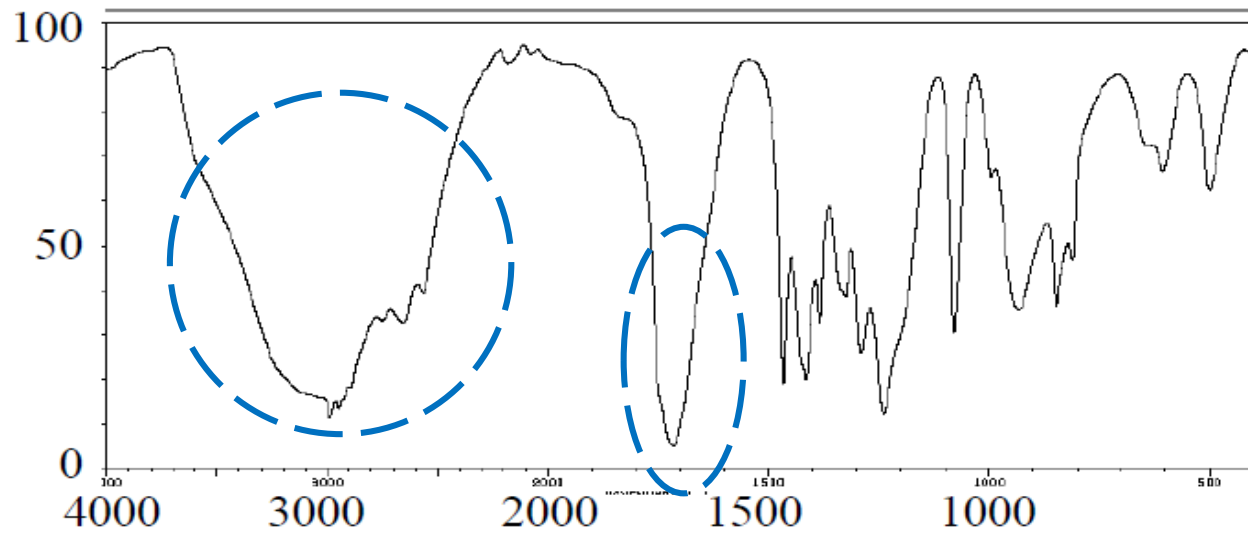
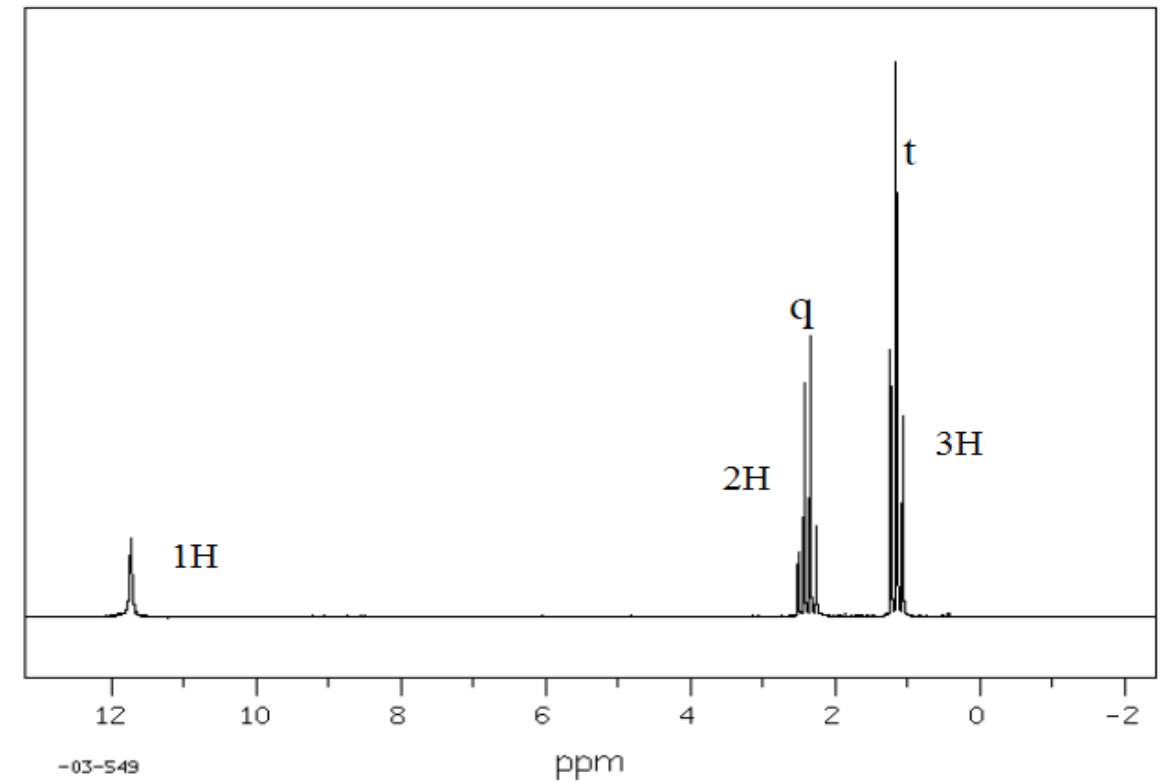
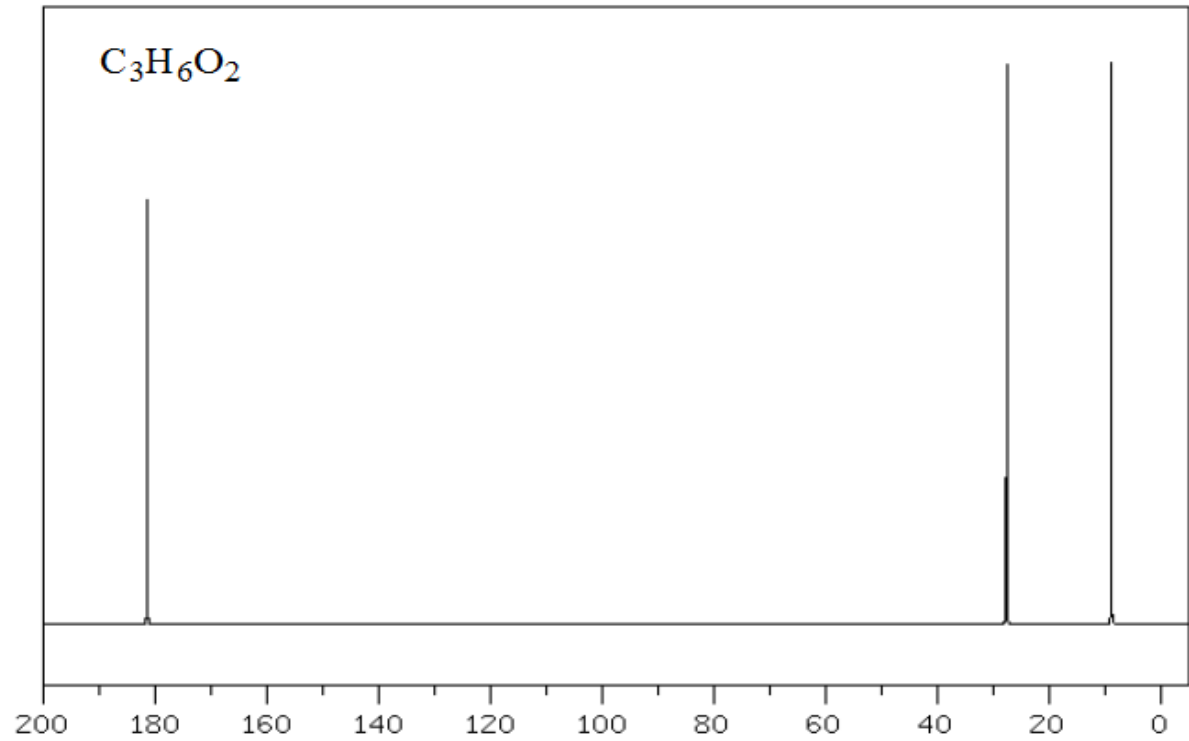


SPECTRUM

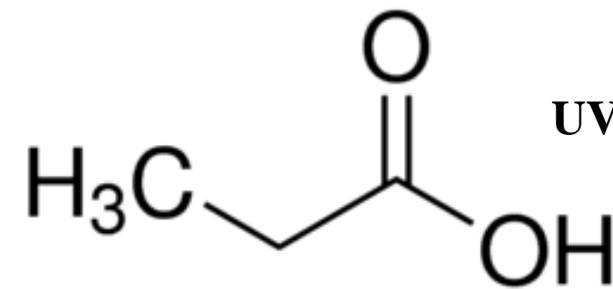
Arş. Gör. Hayati OKUR



ÖRNEK - 1



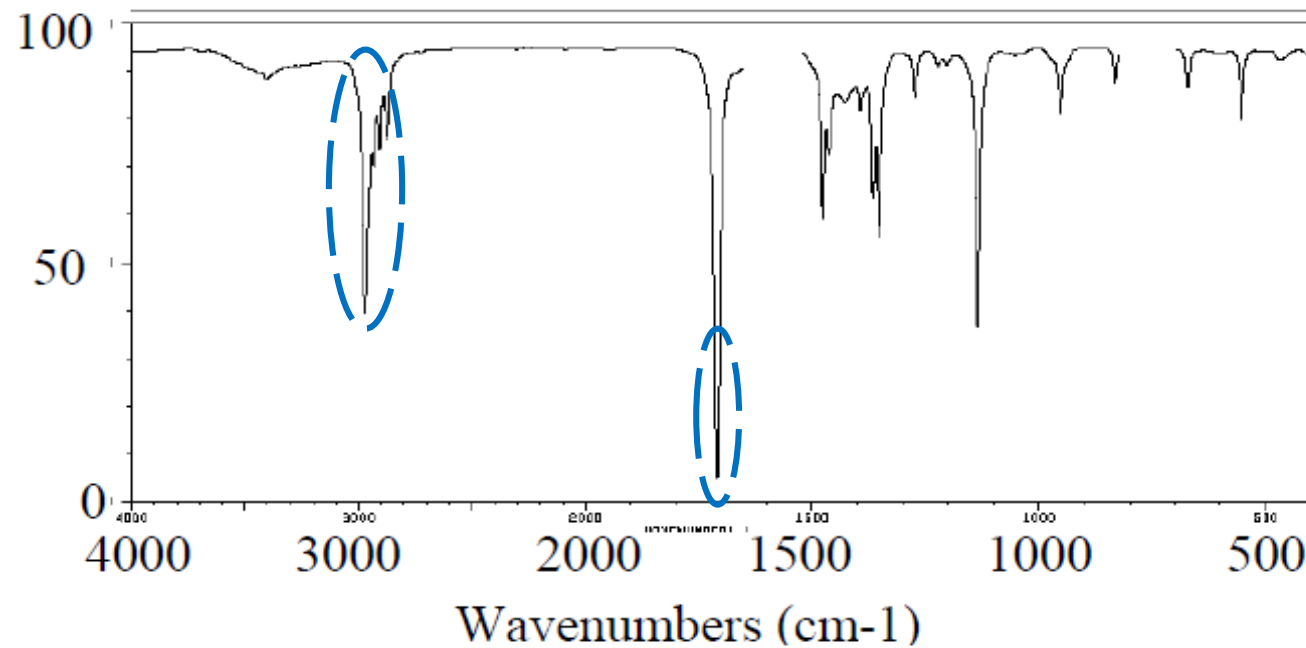
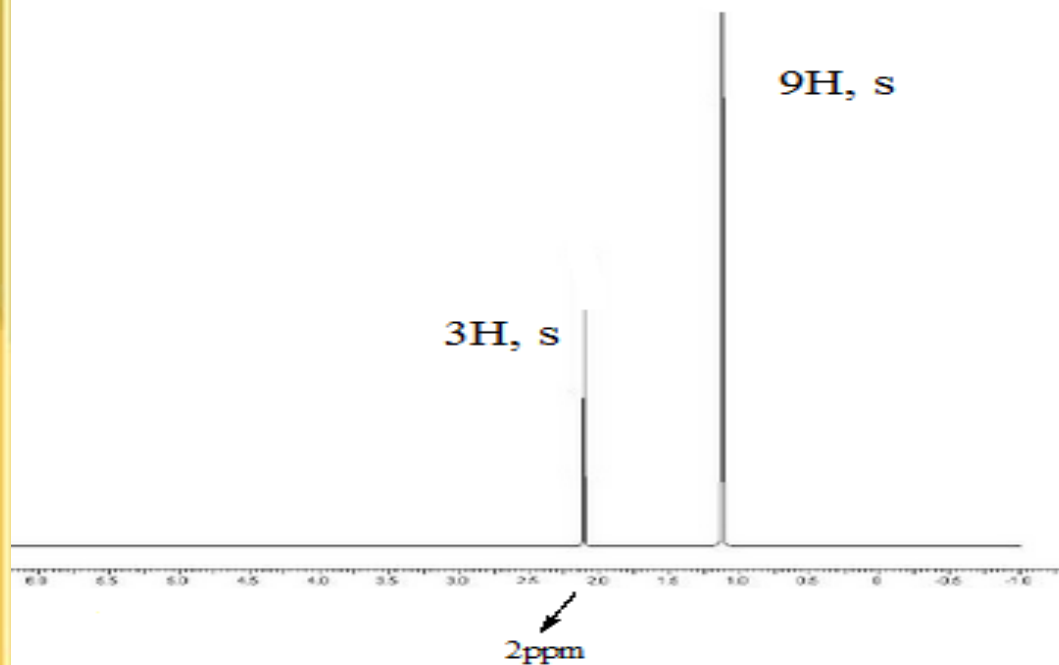
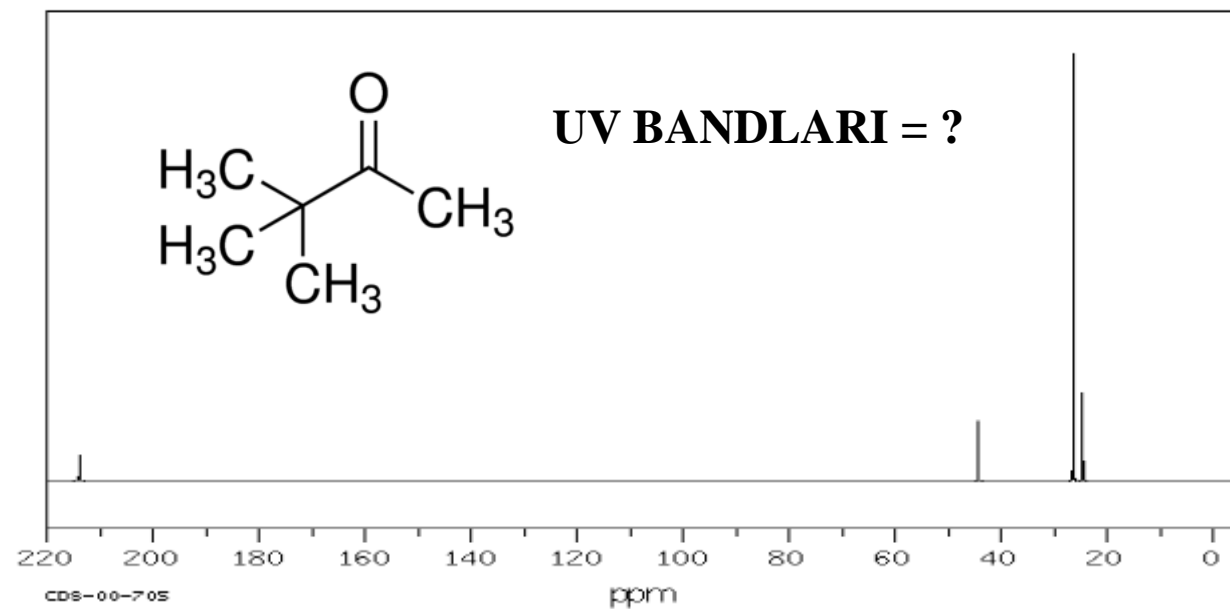
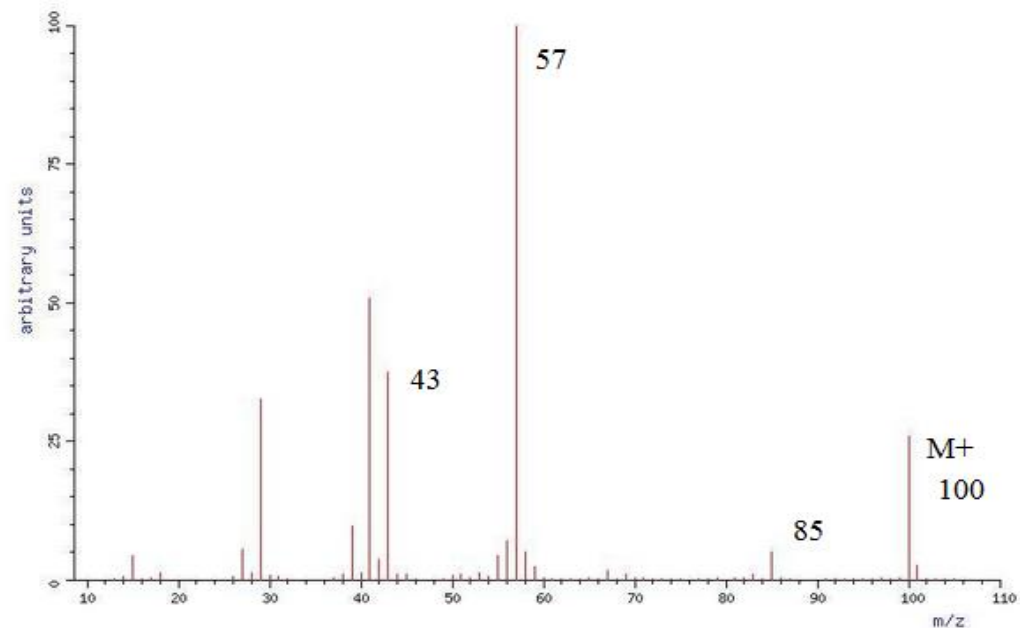
ACIK FORMÜLÜ = ?????



UV BANDLARI = ?



ÖRNEK - 2

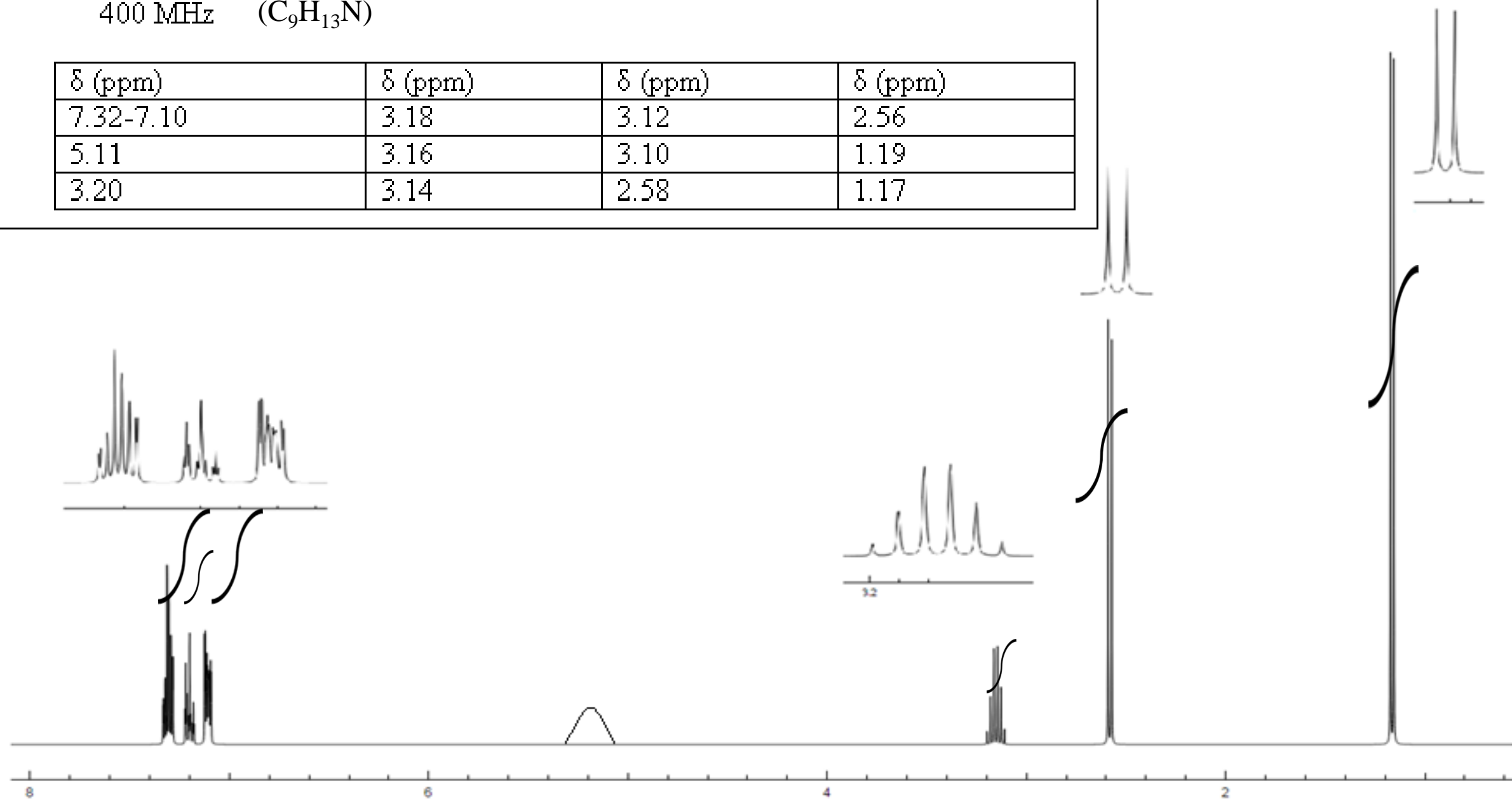




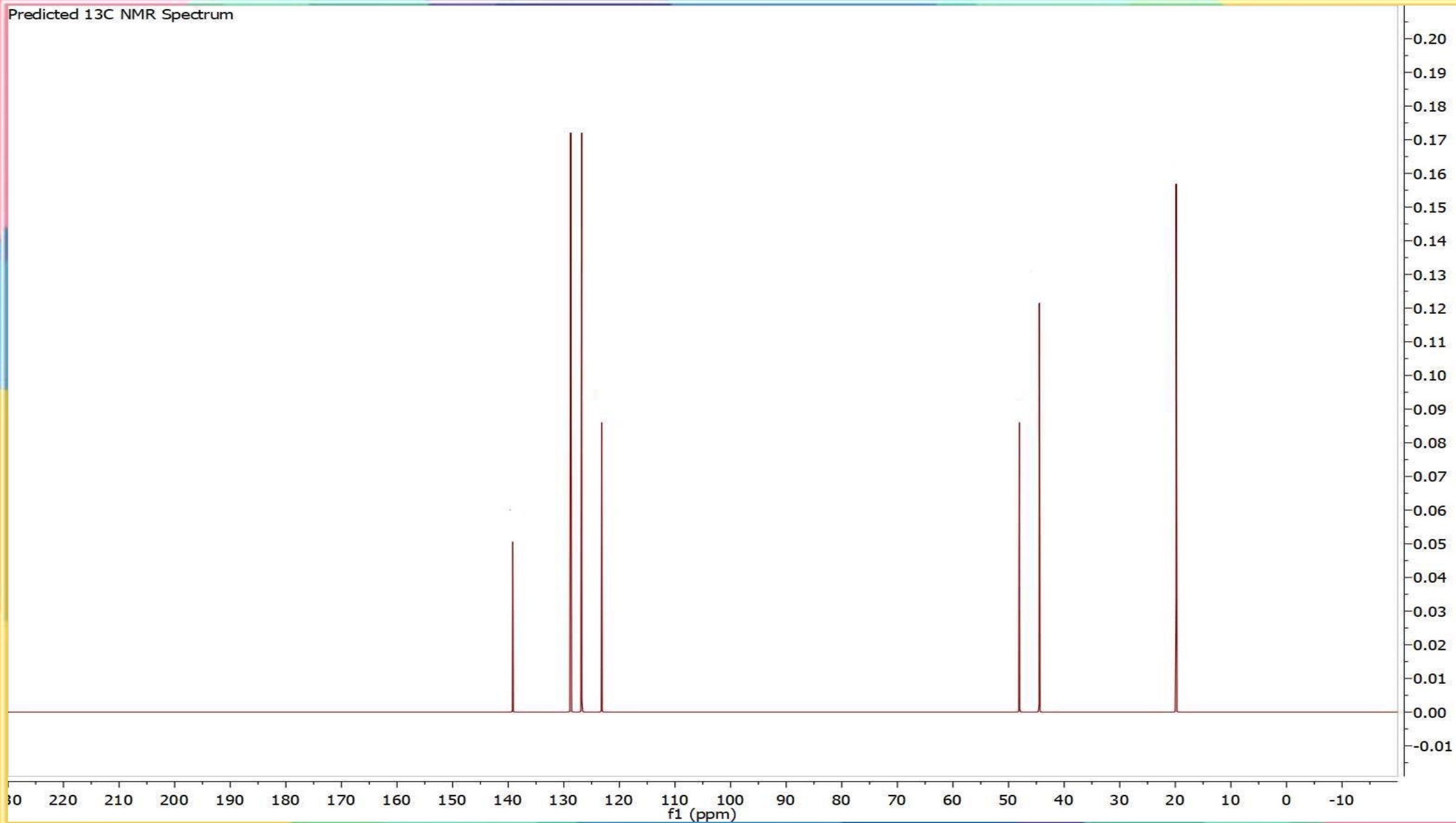
ÖRNEK - 3

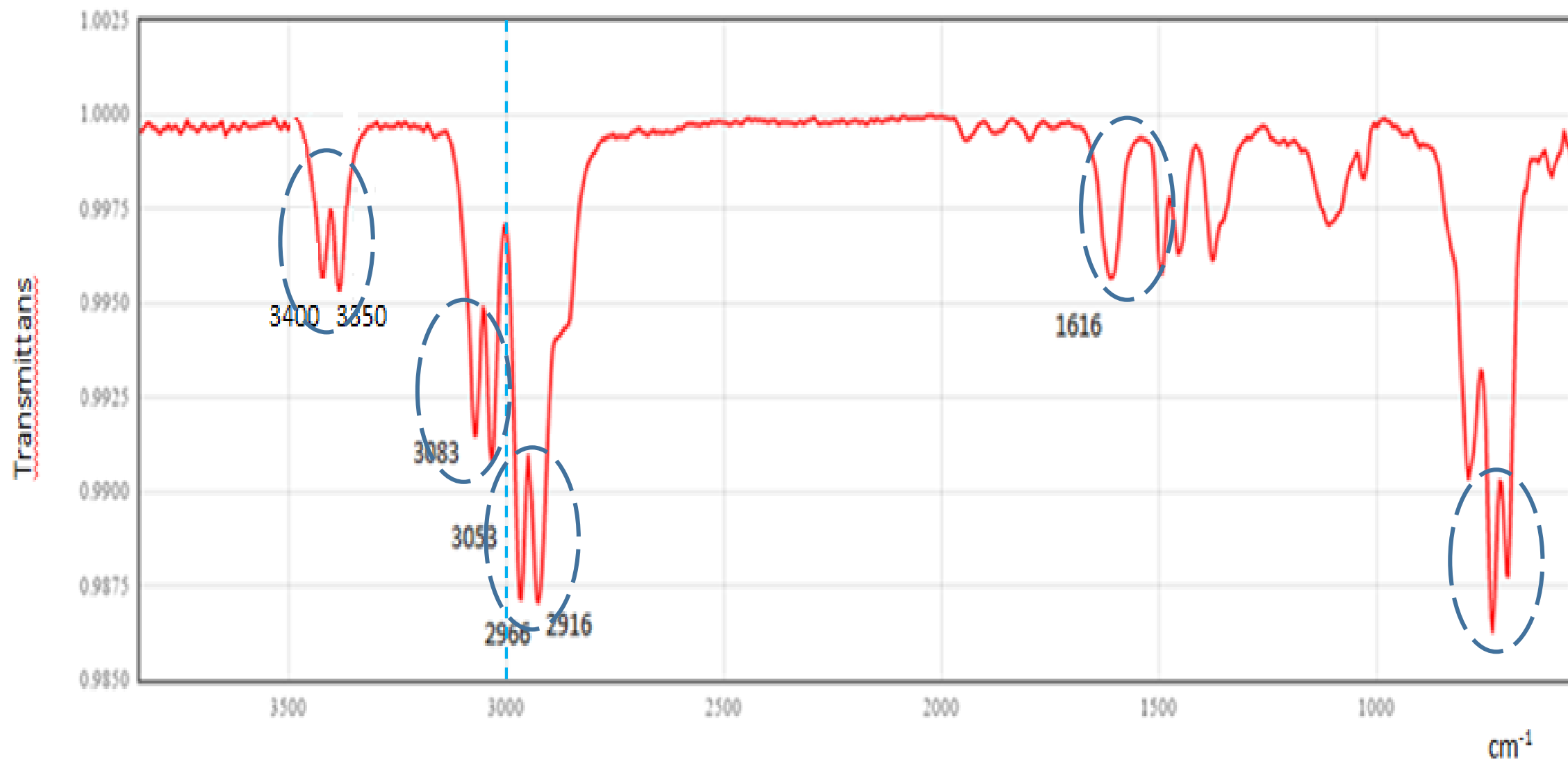
400 MHz (C₉H₁₃N)

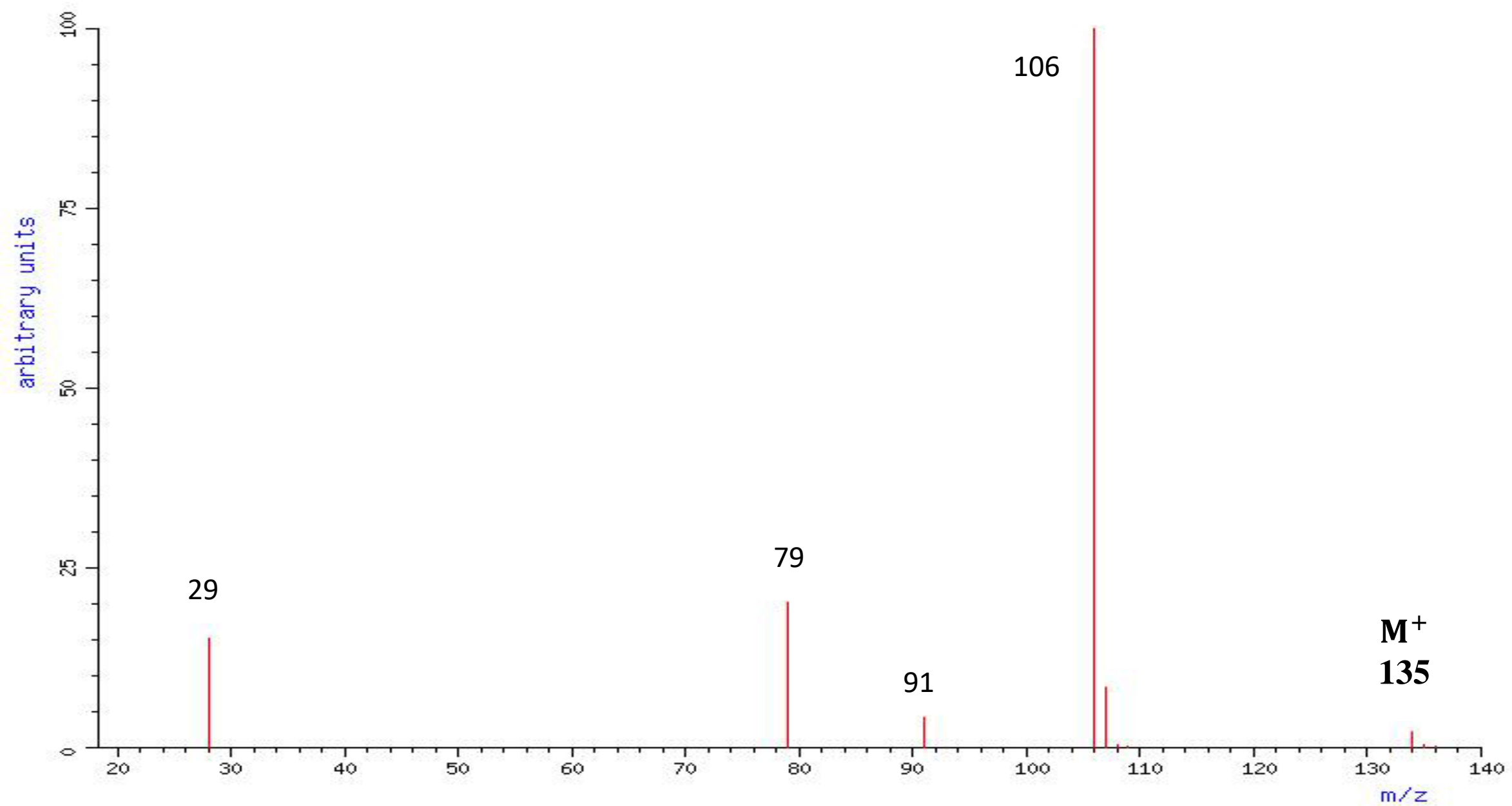
δ (ppm)	δ (ppm)	δ (ppm)	δ (ppm)
7.32-7.10	3.18	3.12	2.56
5.11	3.16	3.10	1.19
3.20	3.14	2.58	1.17

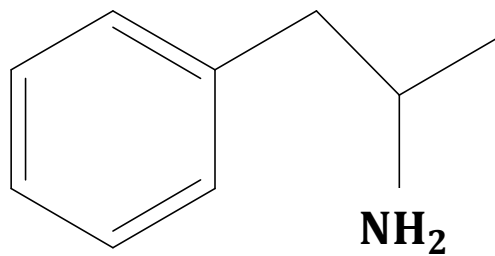


Predicted ^{13}C NMR Spectrum







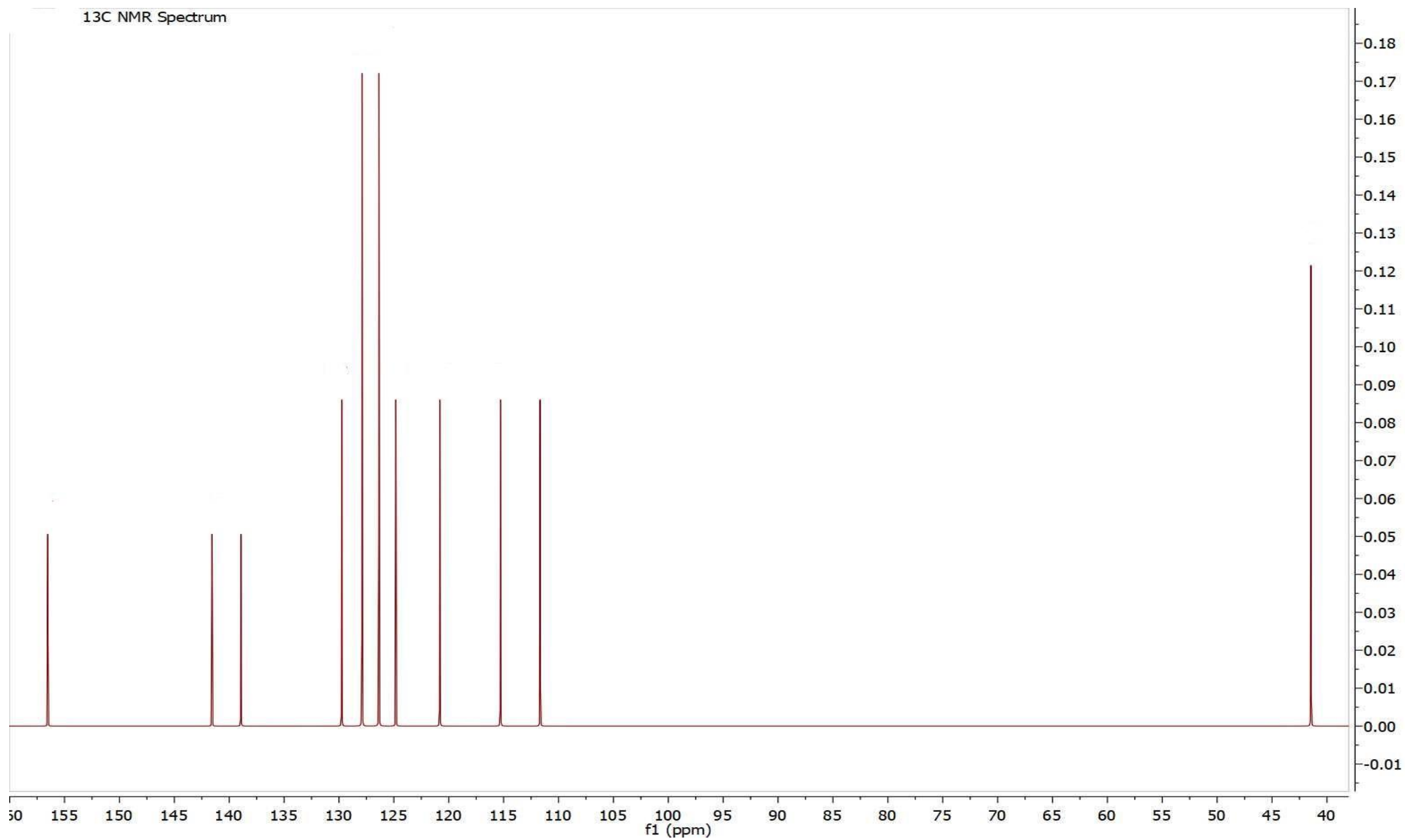


UV BANDLARI = ?

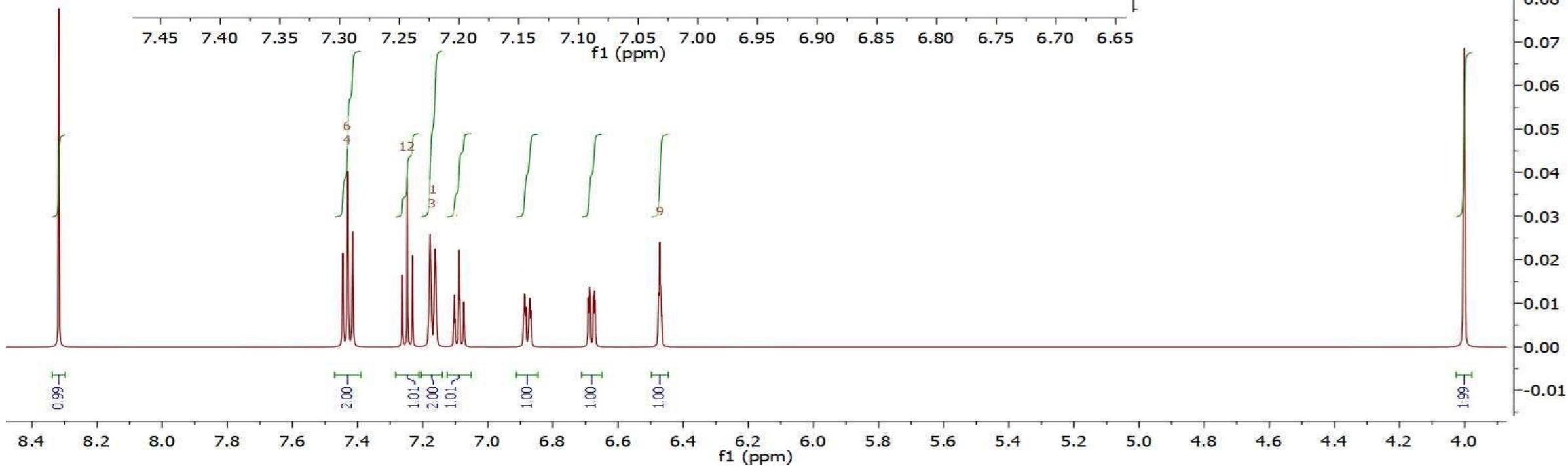
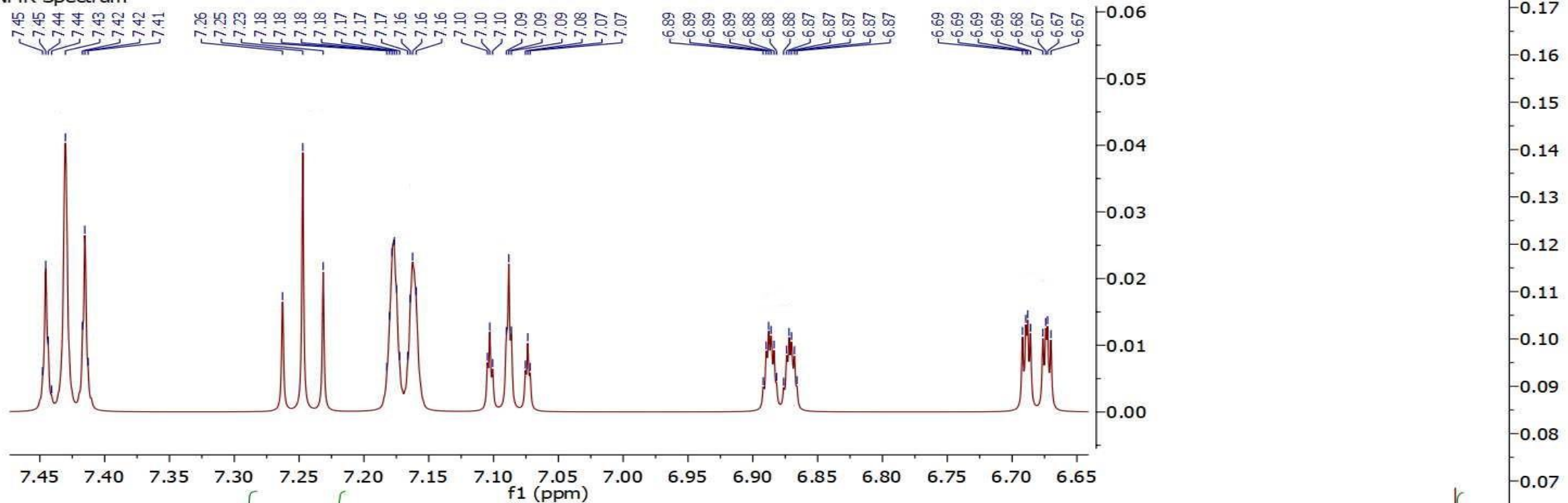


ÖRNEK - 4

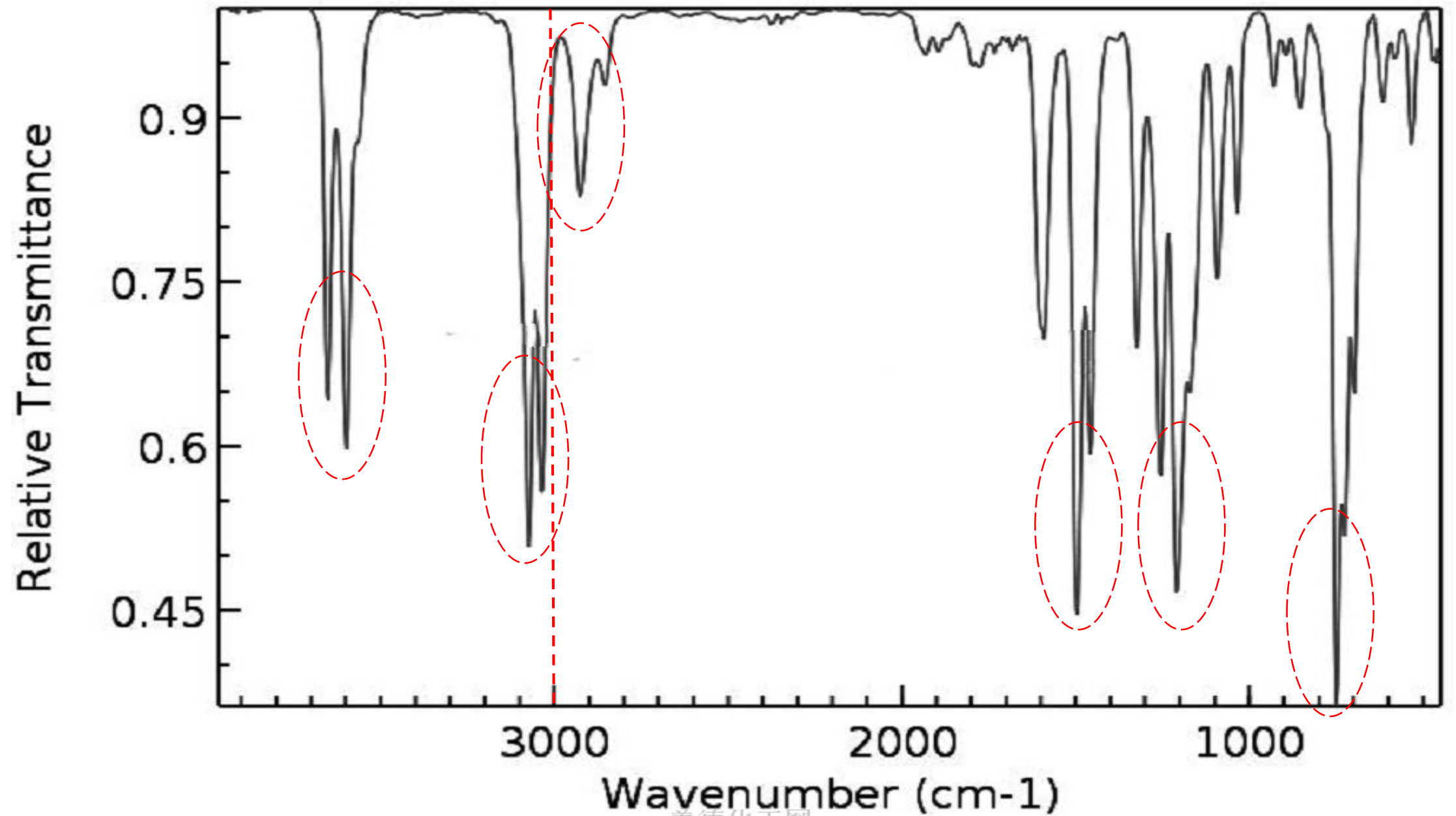
¹³C NMR Spectrum

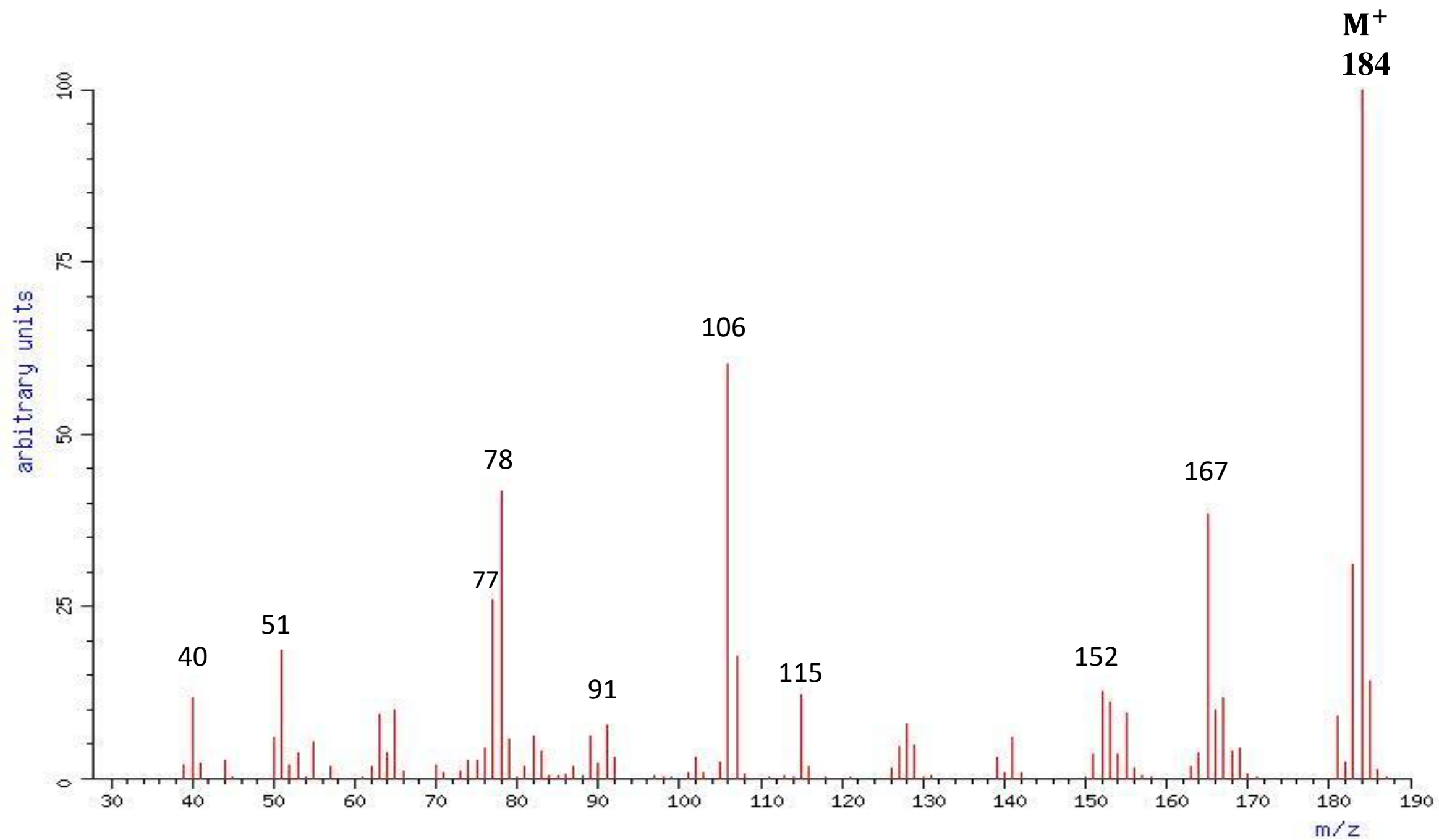


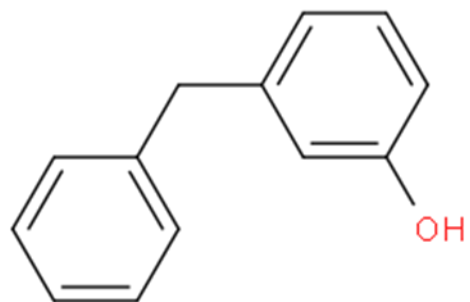
¹H NMR Spectrum



INFRARED SPECTRUM







UV BANDLARI = ?

The background of the slide is a vibrant, abstract pattern composed of various colored hexagons in shades of pink, green, blue, yellow, and purple. These hexagons are arranged in a way that creates a sense of depth and movement. In the center of the slide, there is a large, white rectangular box. Inside this box, the text "ÖRNEK - 5" is written in a bold, black, serif font. The text is underlined, and the entire slide is framed by a thin white border.

ÖRNEK - 5

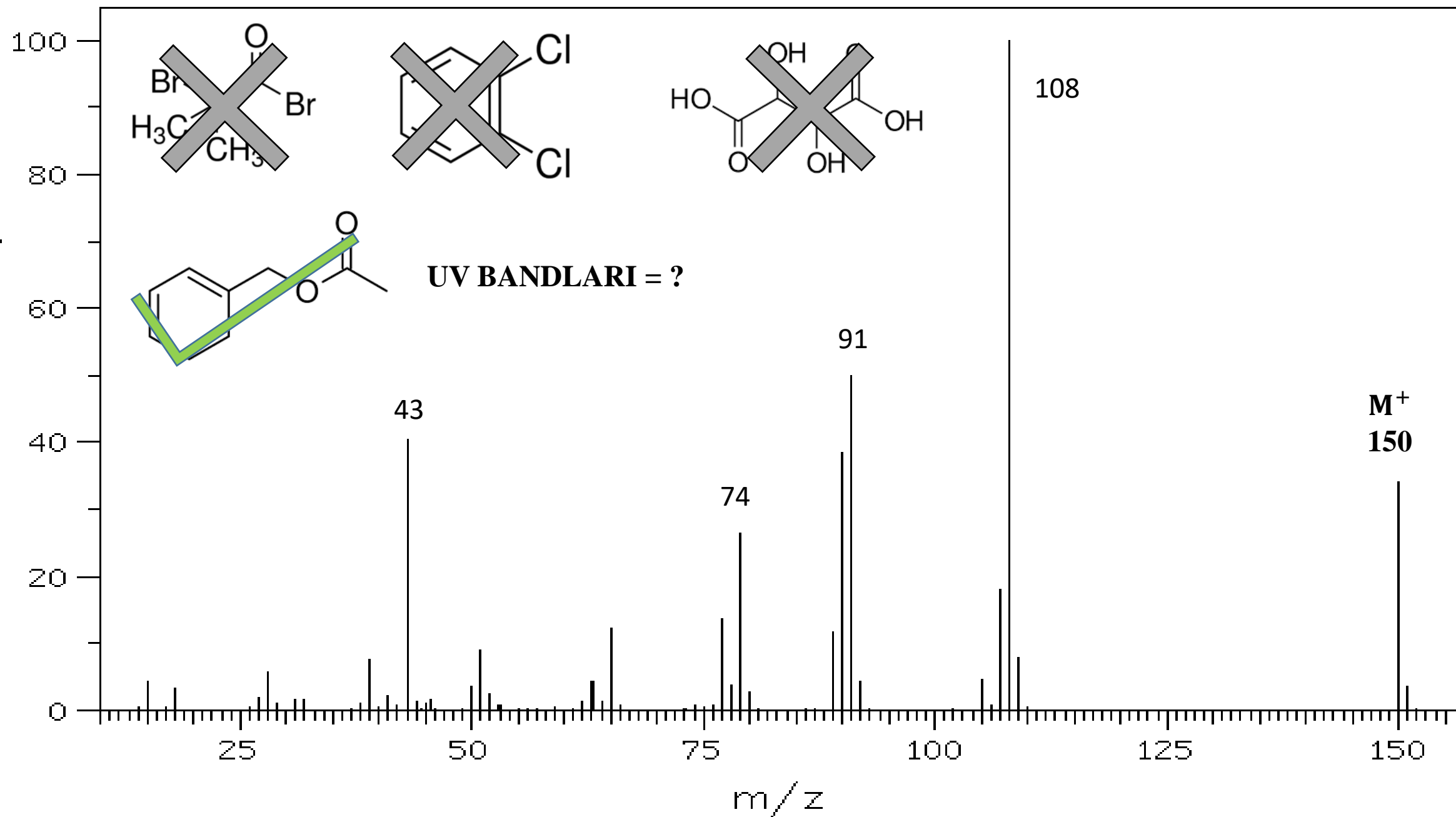


UV BANDLARI = ?



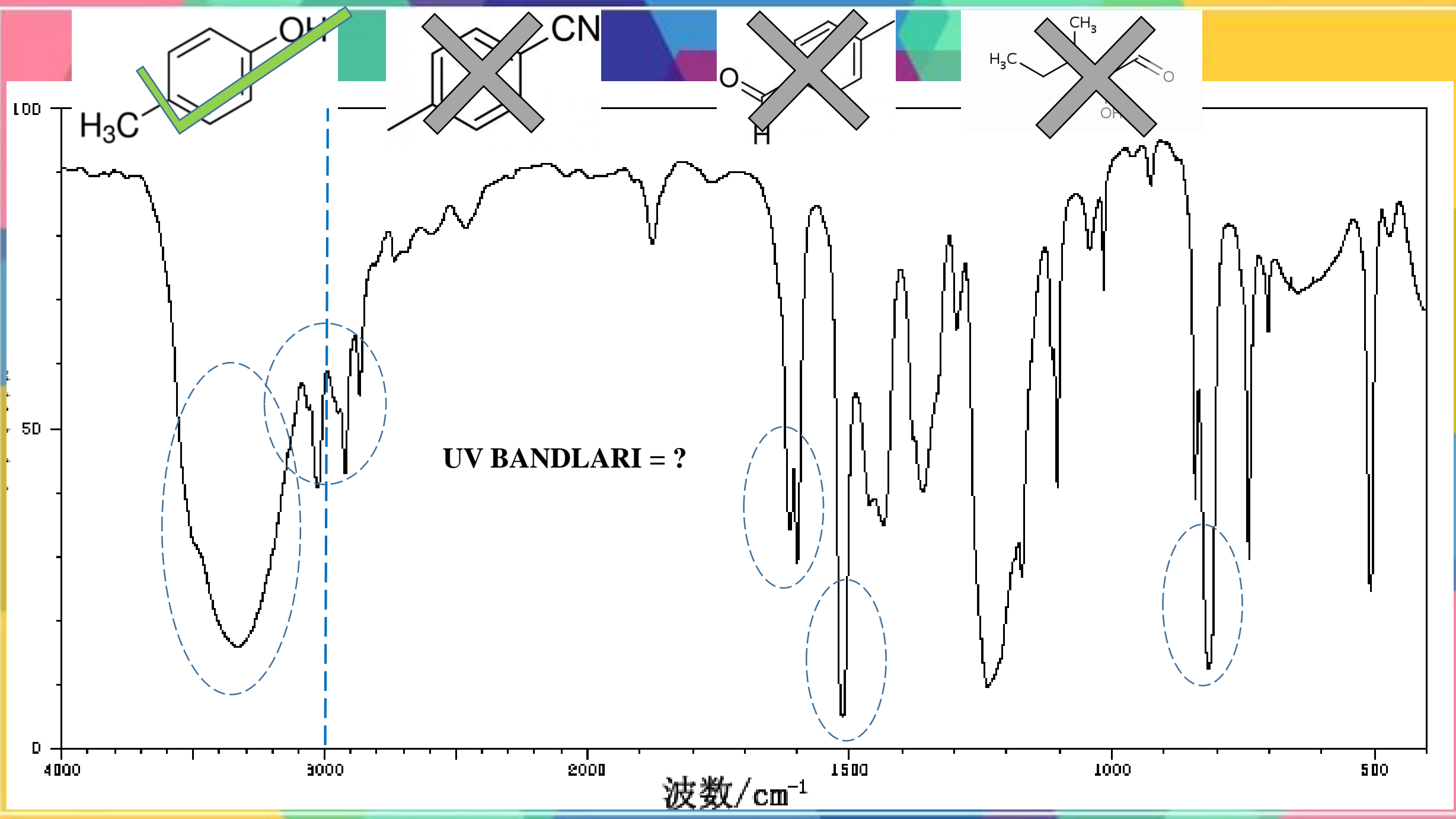
ÖRNEK - 6

Relative Intensity





ÖRNEK - 7





ÖDEV
ÖDÖ