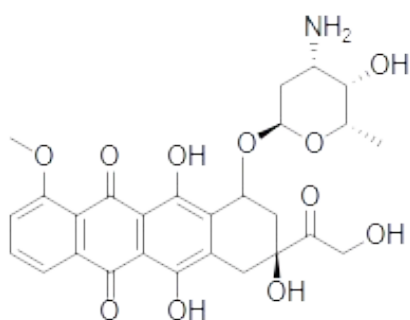
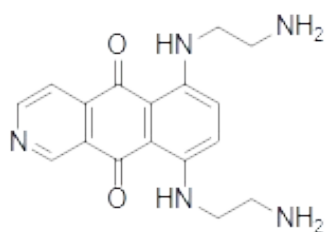


Mitoxantrone



Doxorubicin



Pixantrone

Fig 1. Anthraquinone analogues as anti-cancer drugs (4).

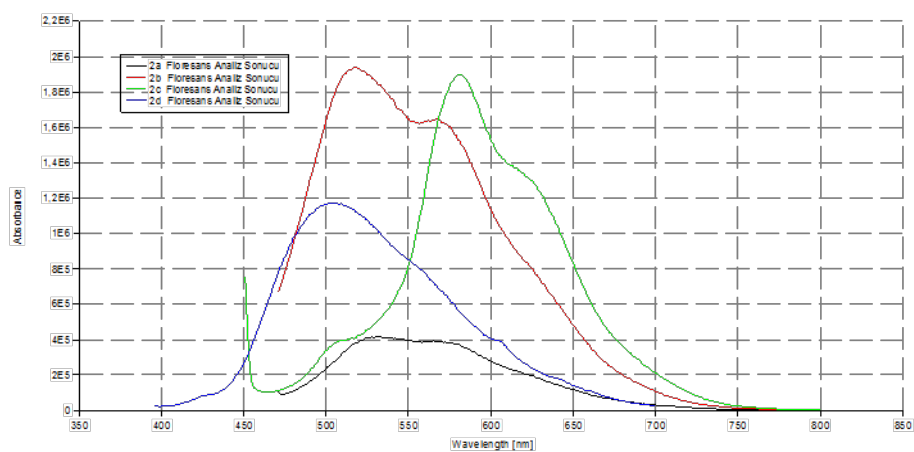
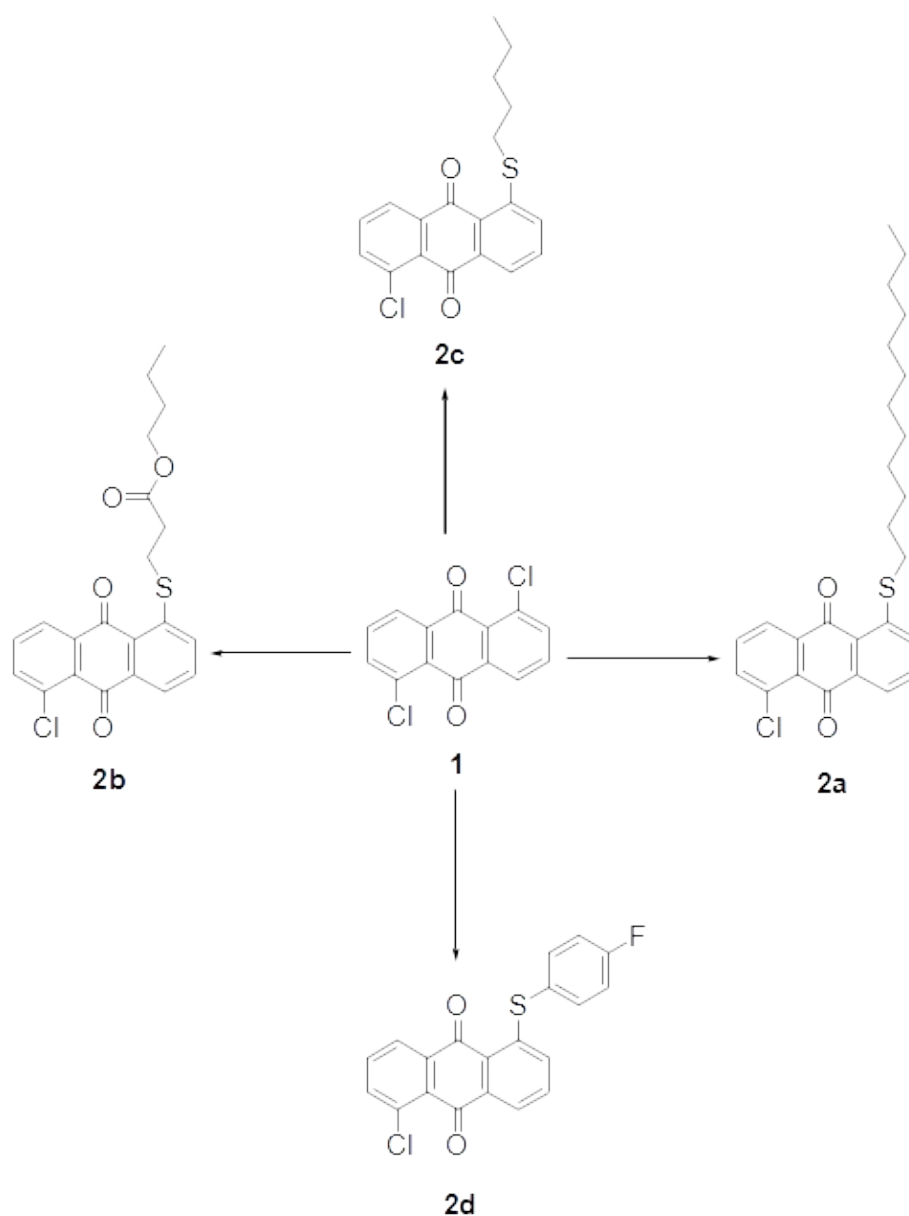
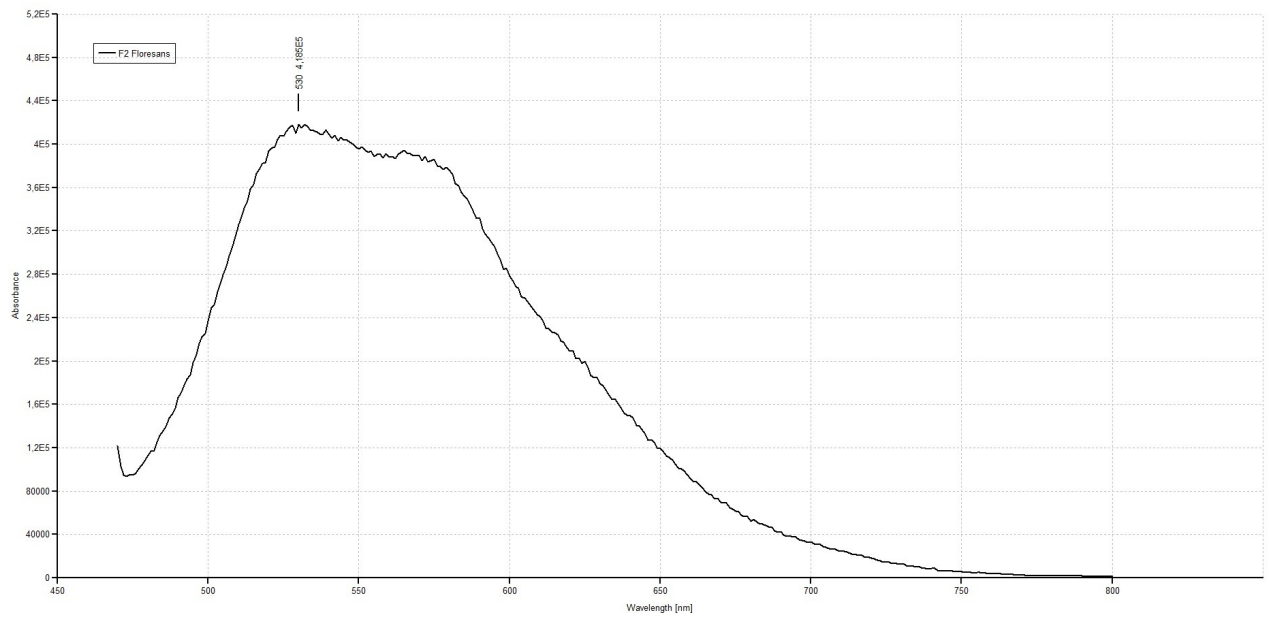


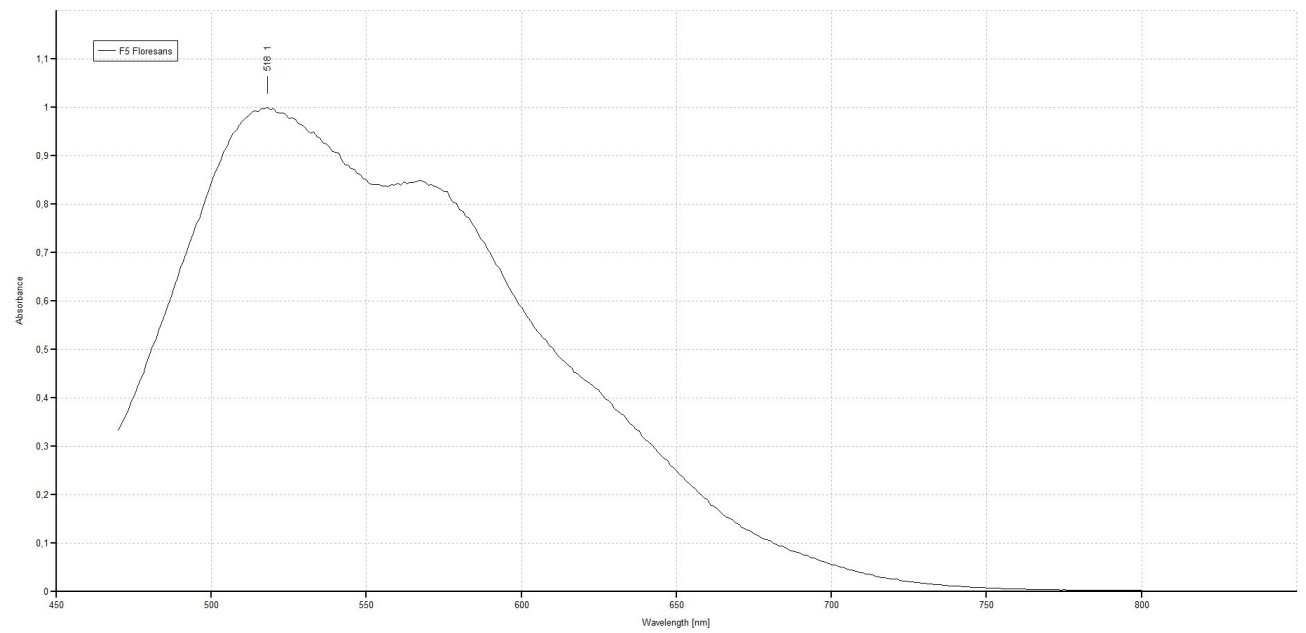
Figure 2. The fluorescence graphic of all synthesized novel thioanthraquinone analogues.



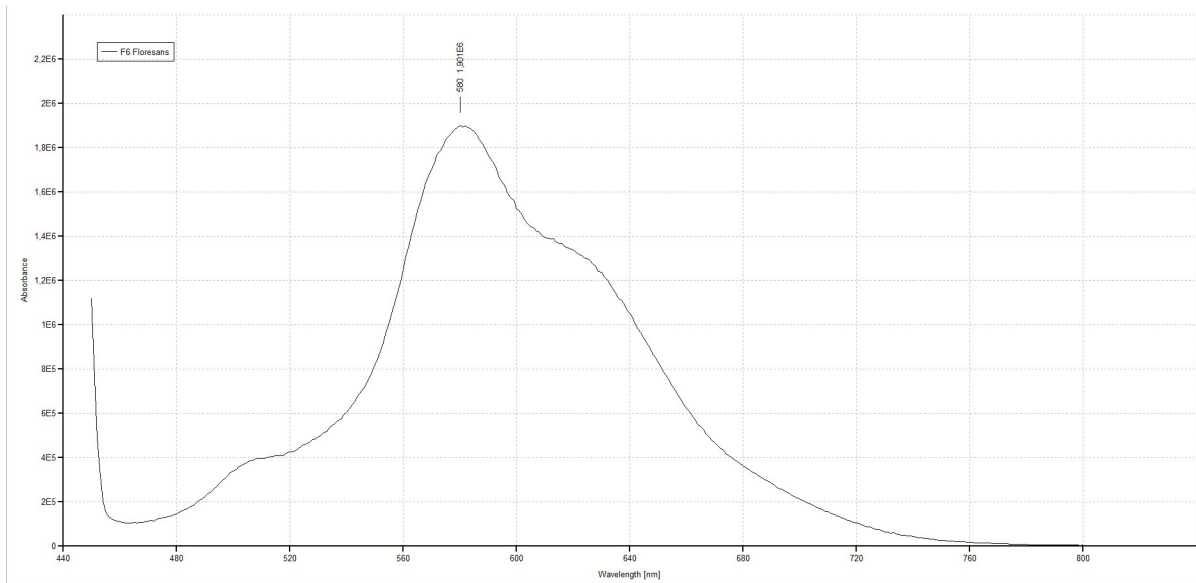
Scheme 1. Distribution of novel thioanthraquinone analogues.



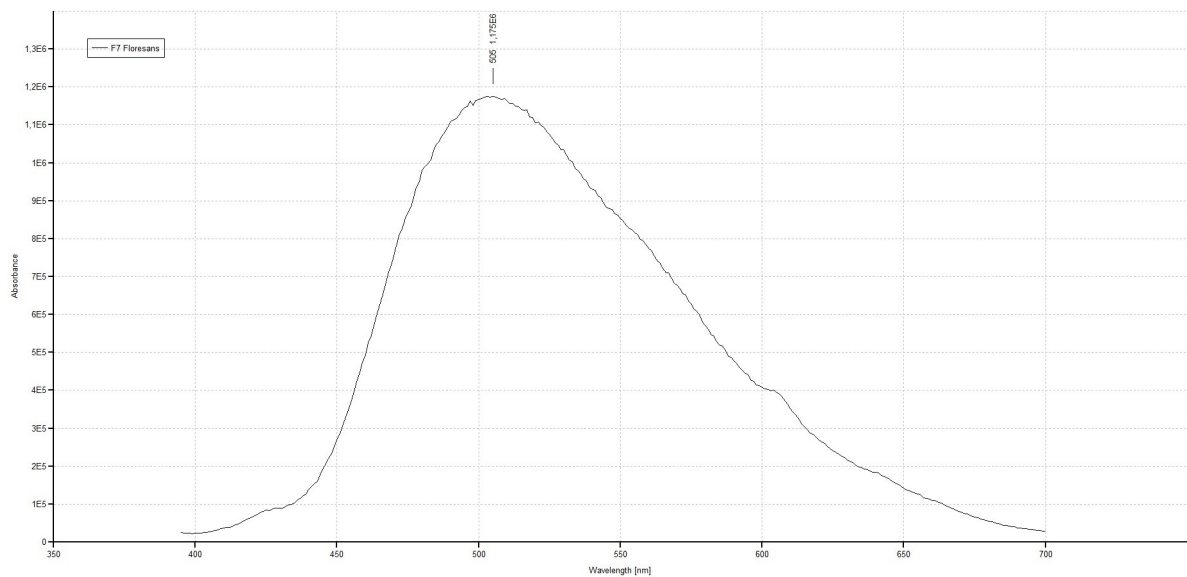
(2a) Fluorescence



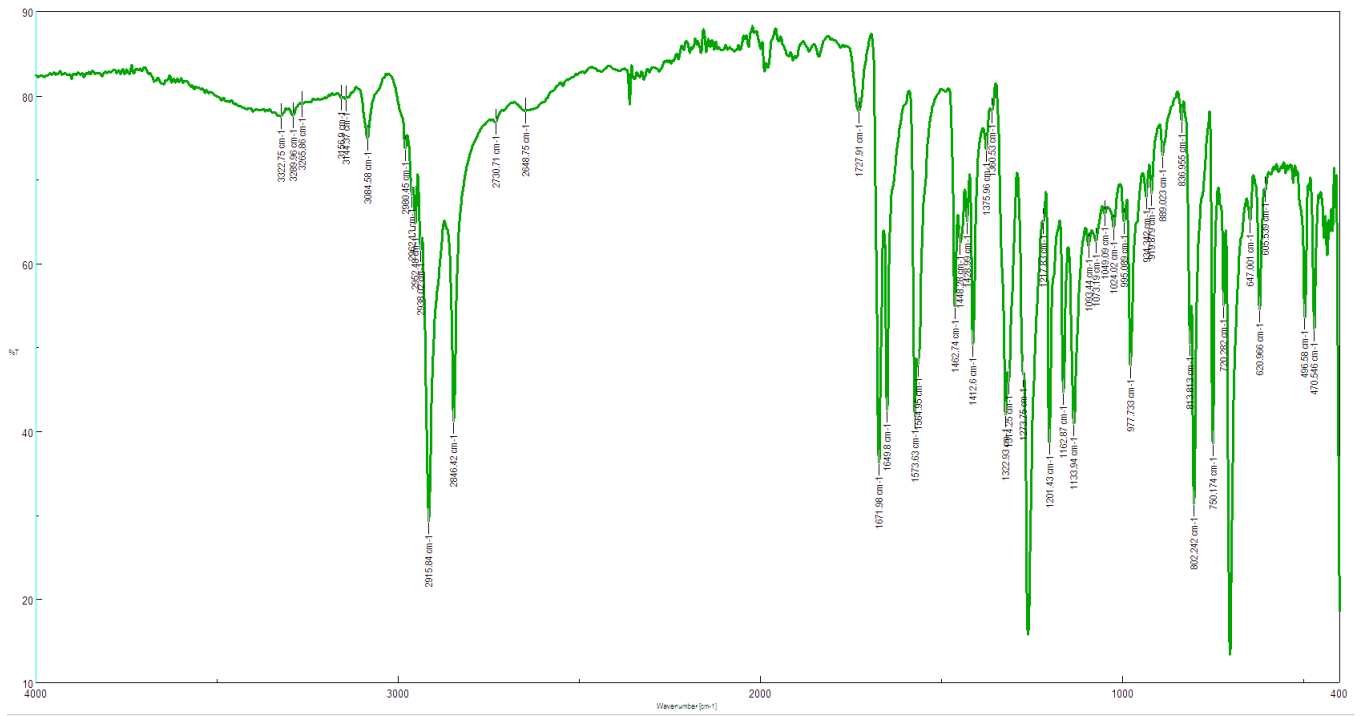
(2b) Fluorescence



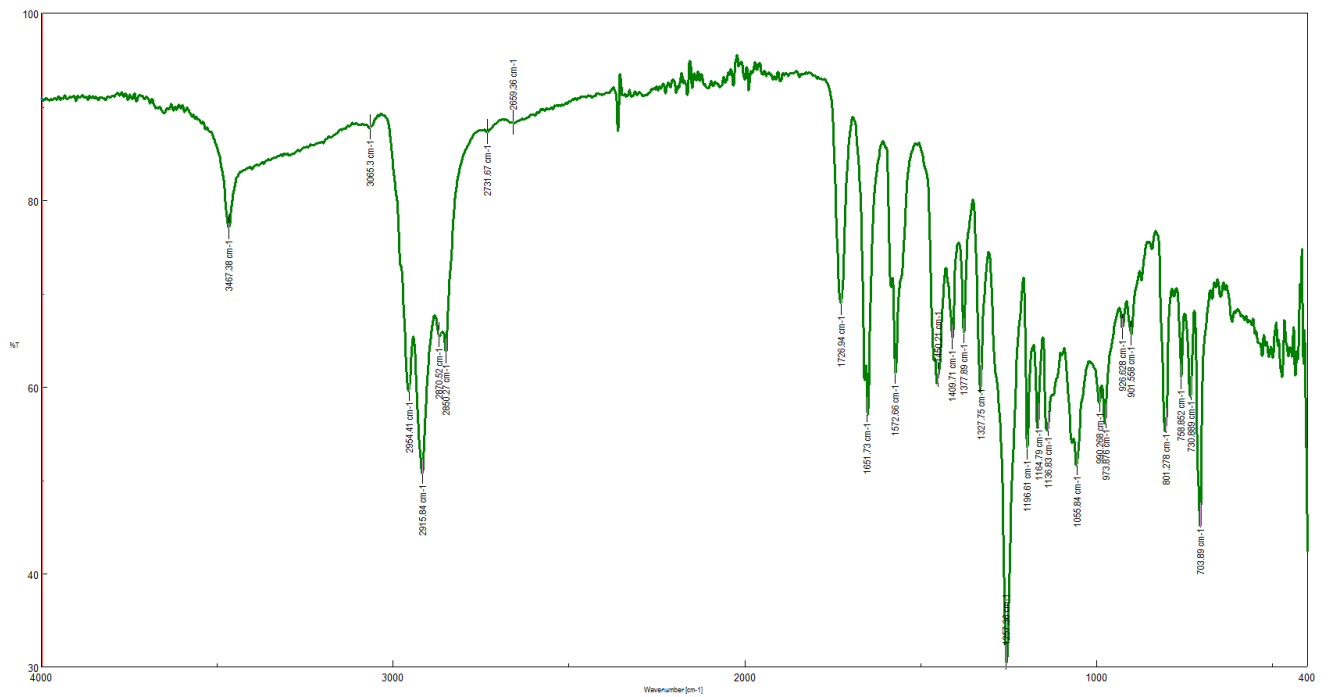
(2c) Fluorescence



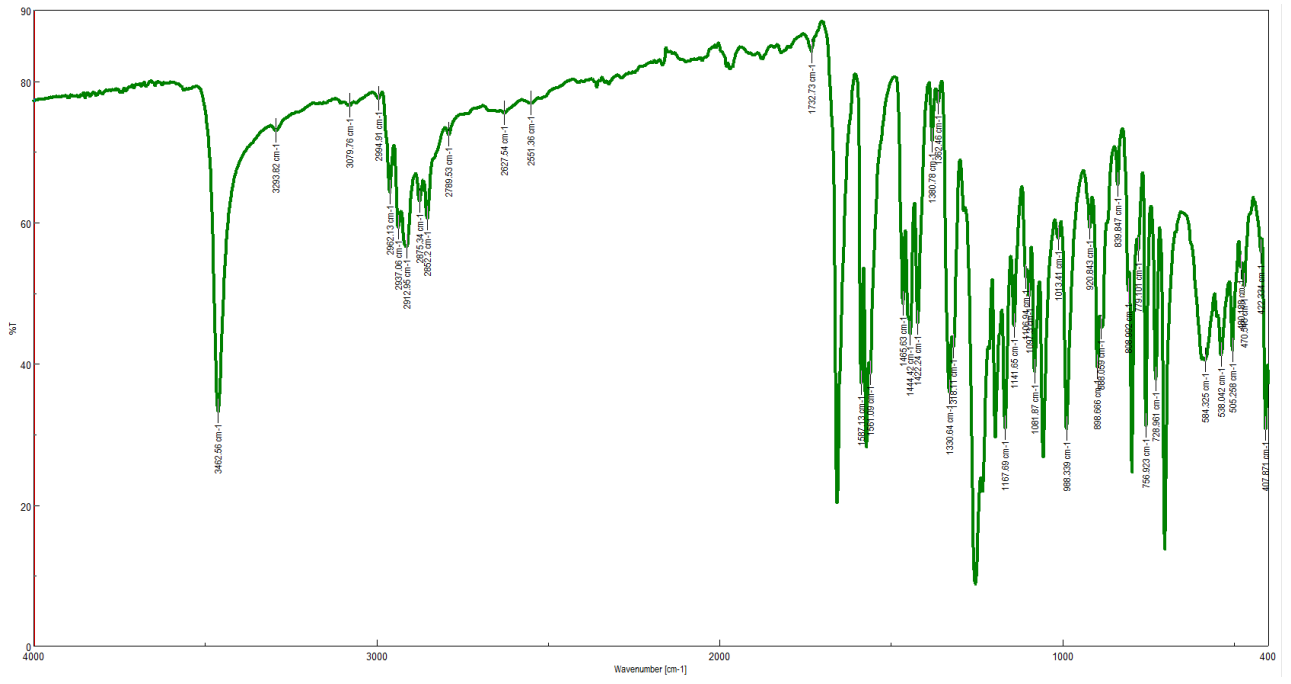
(2d) Fluorescence



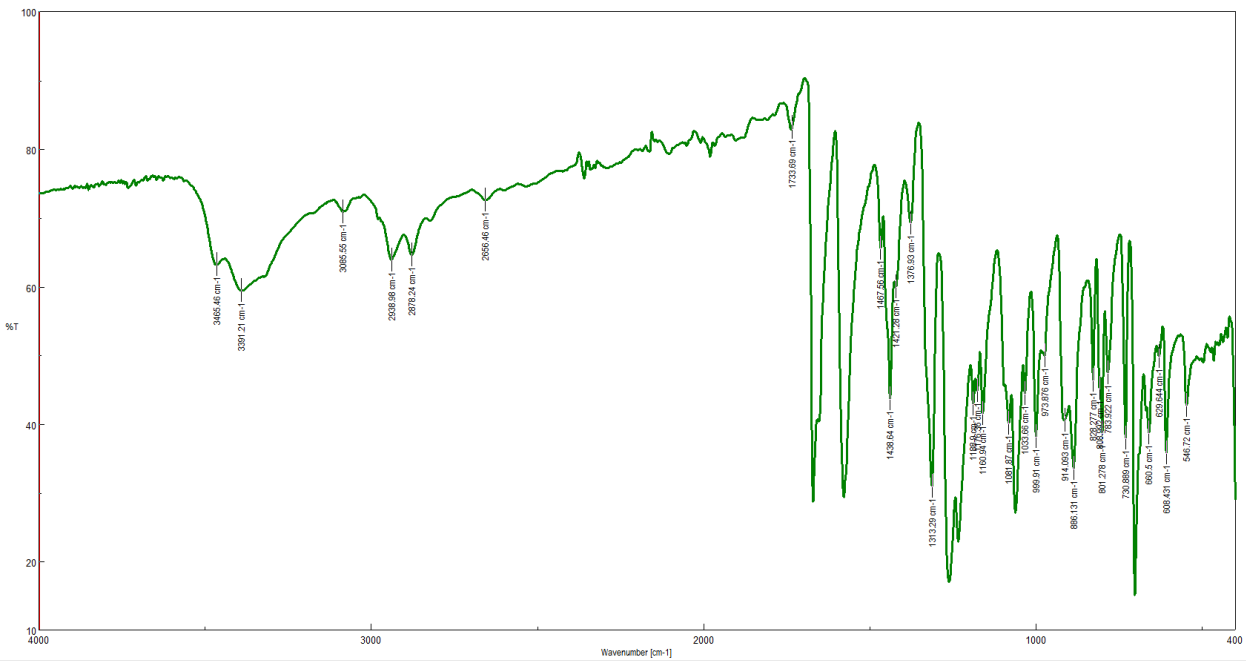
(2a) FT-IR



(2b) FT-IR



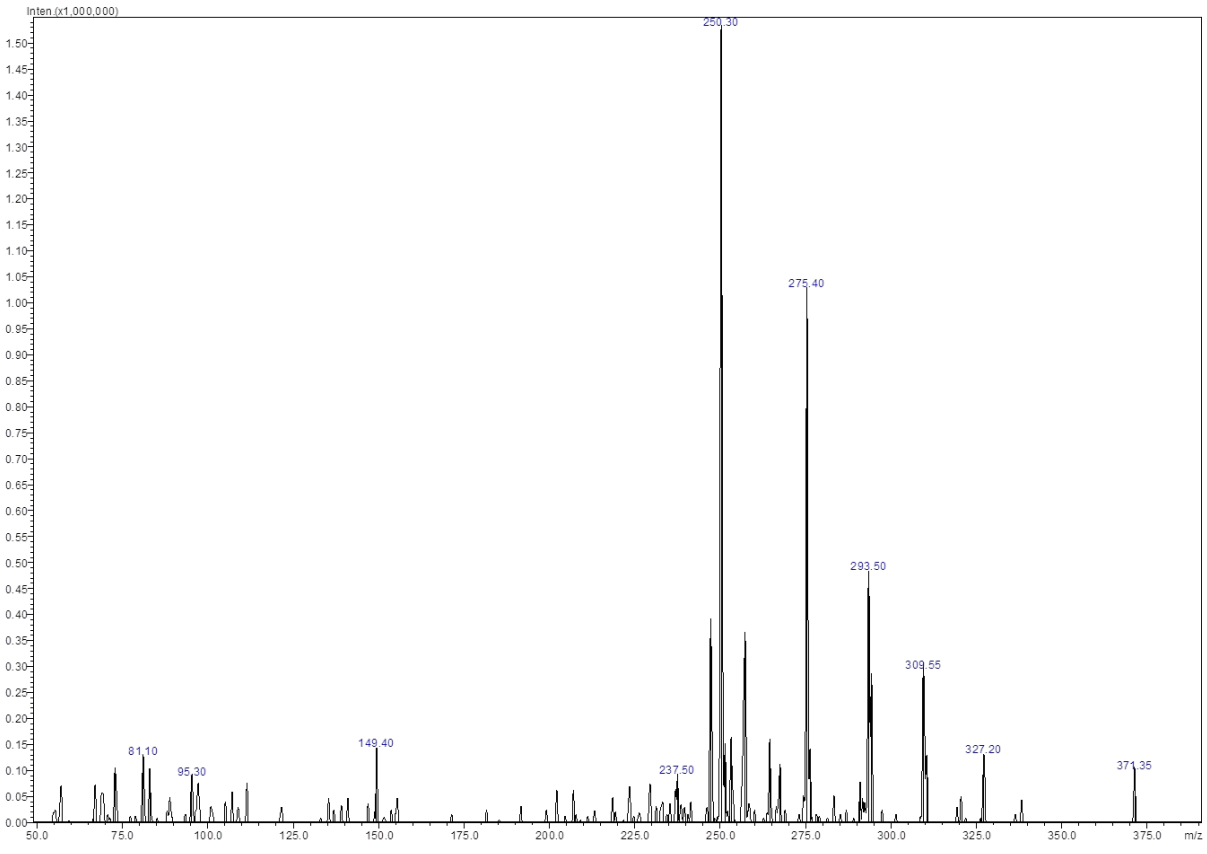
(2c) FT-IR



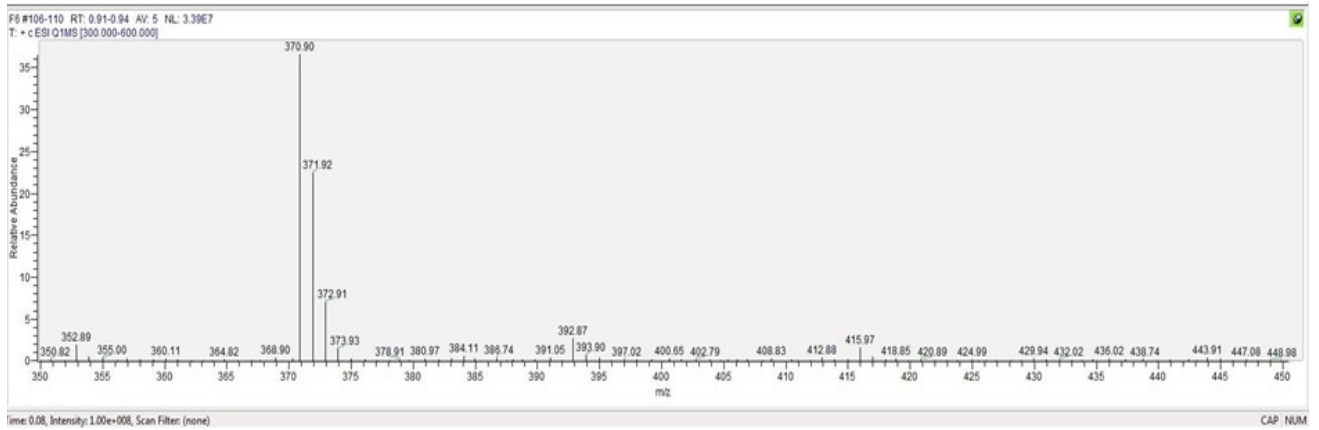
(2d) FT-IR



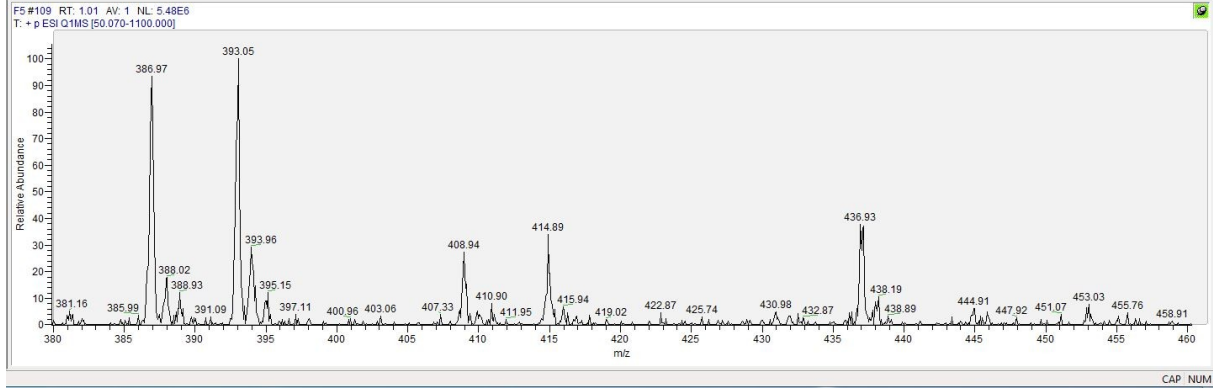
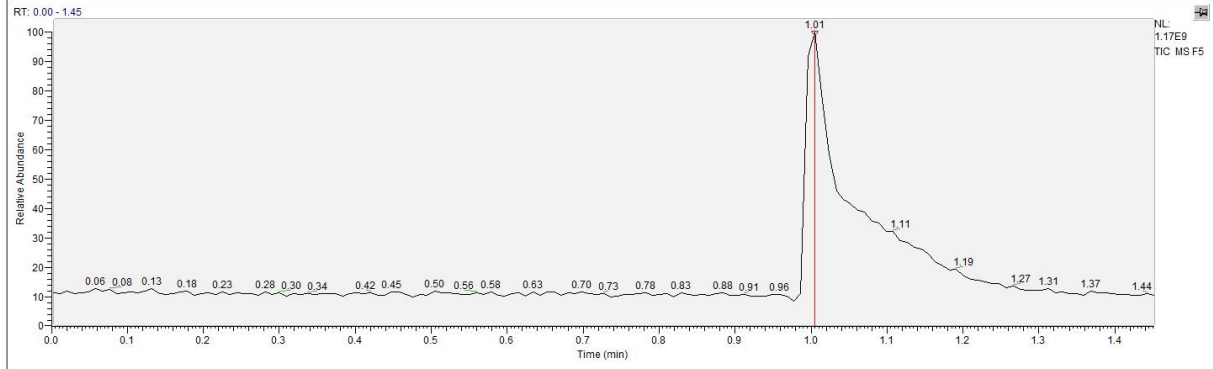
(2a) MS



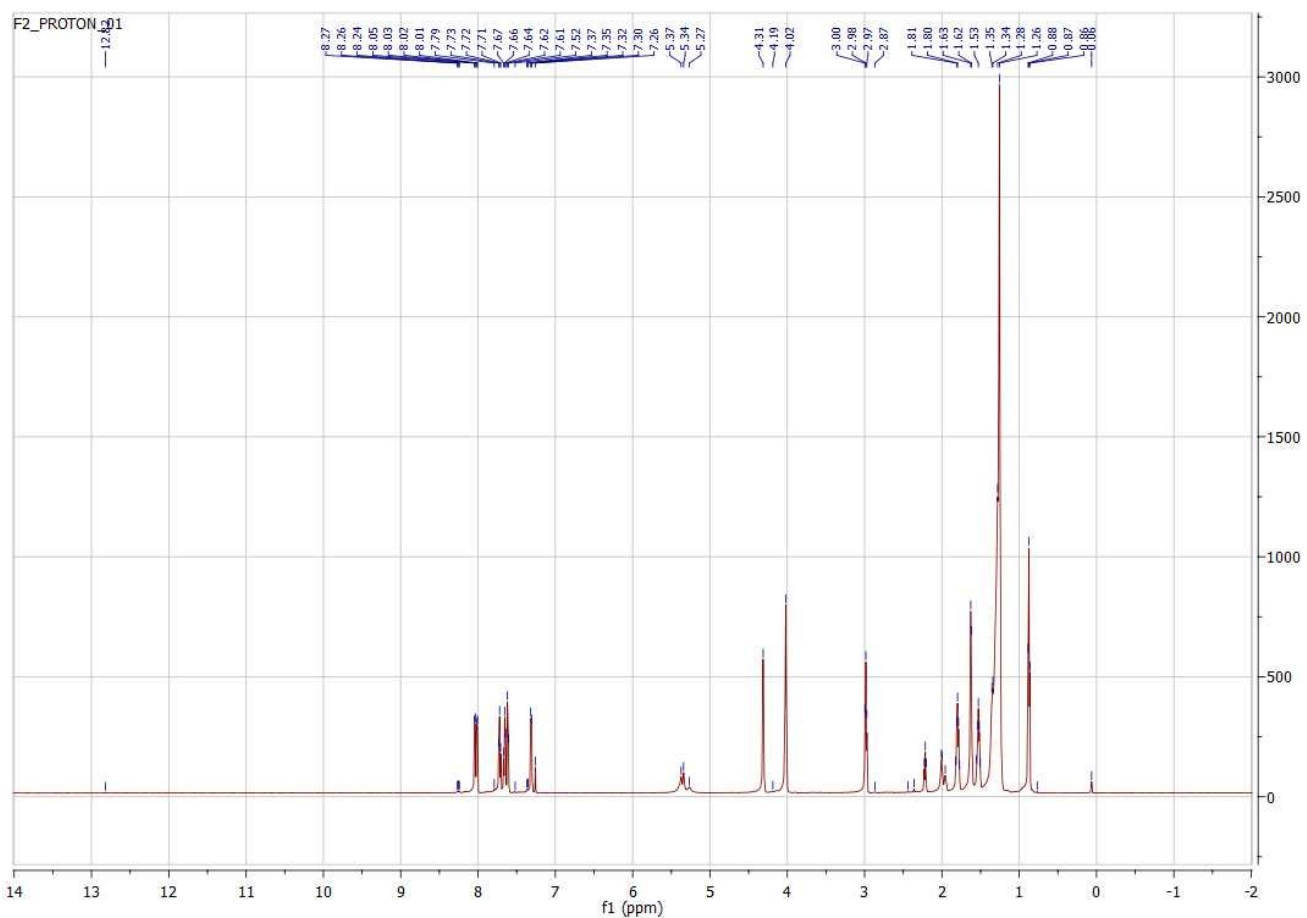
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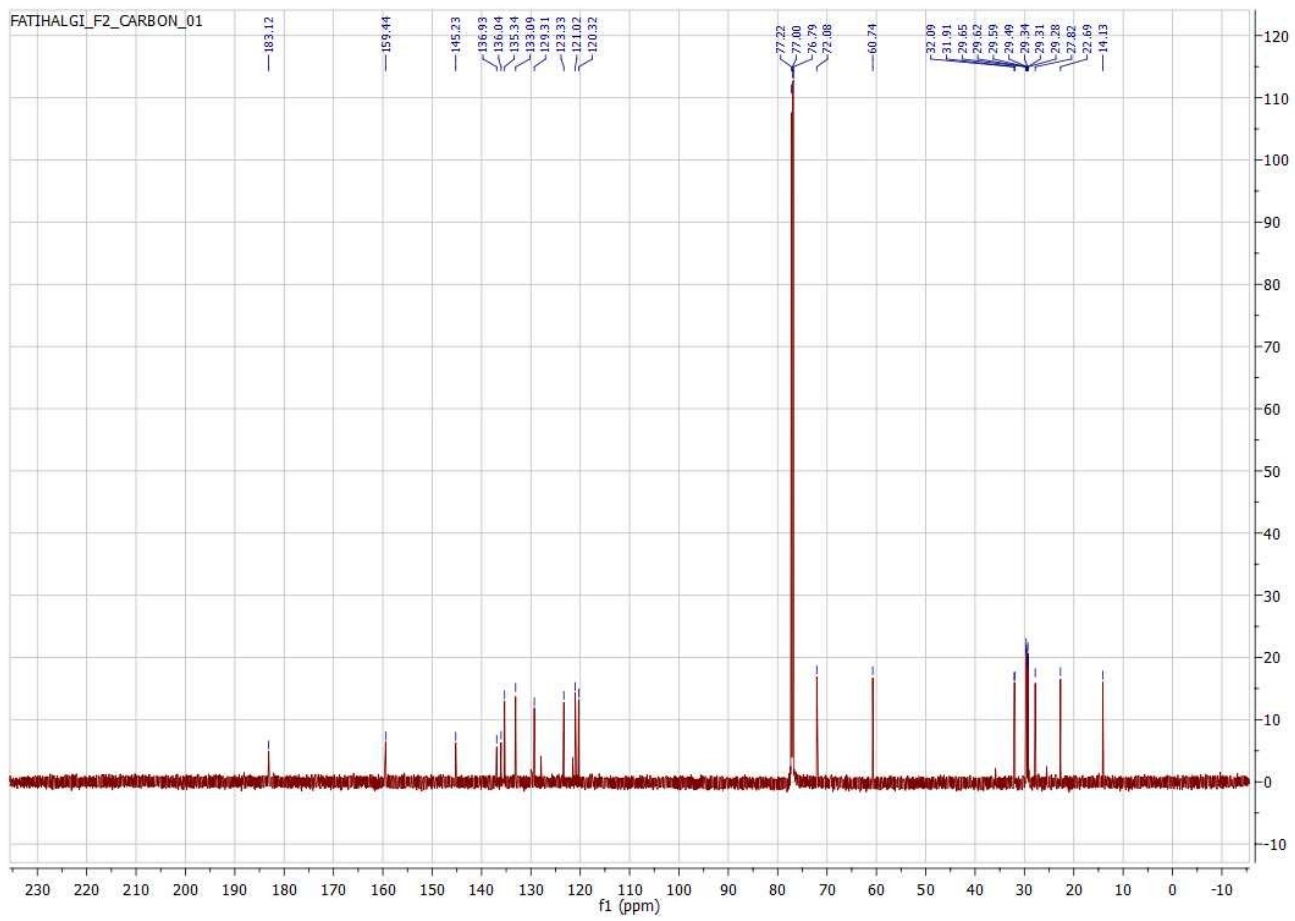
(2c) MS



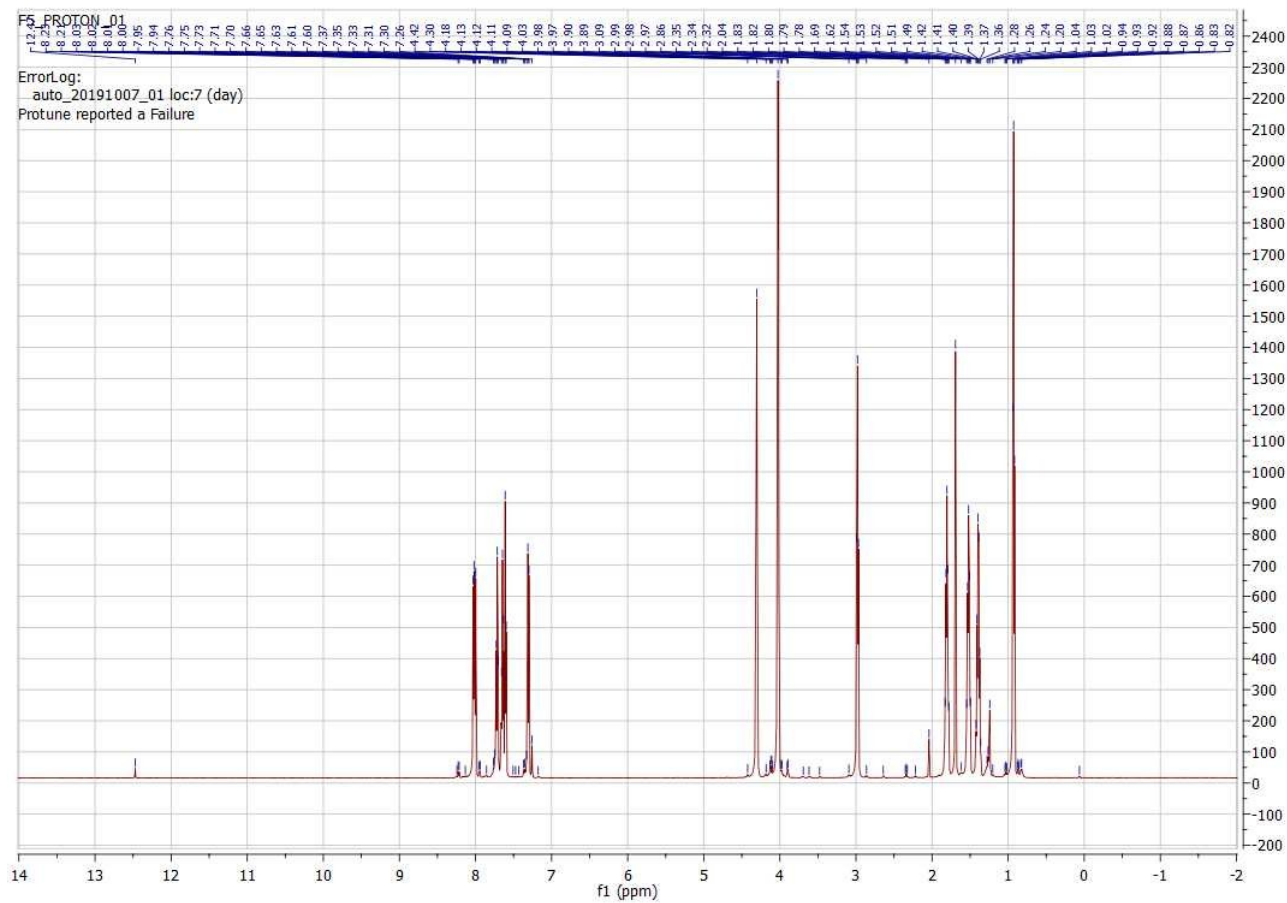
(2d) MS



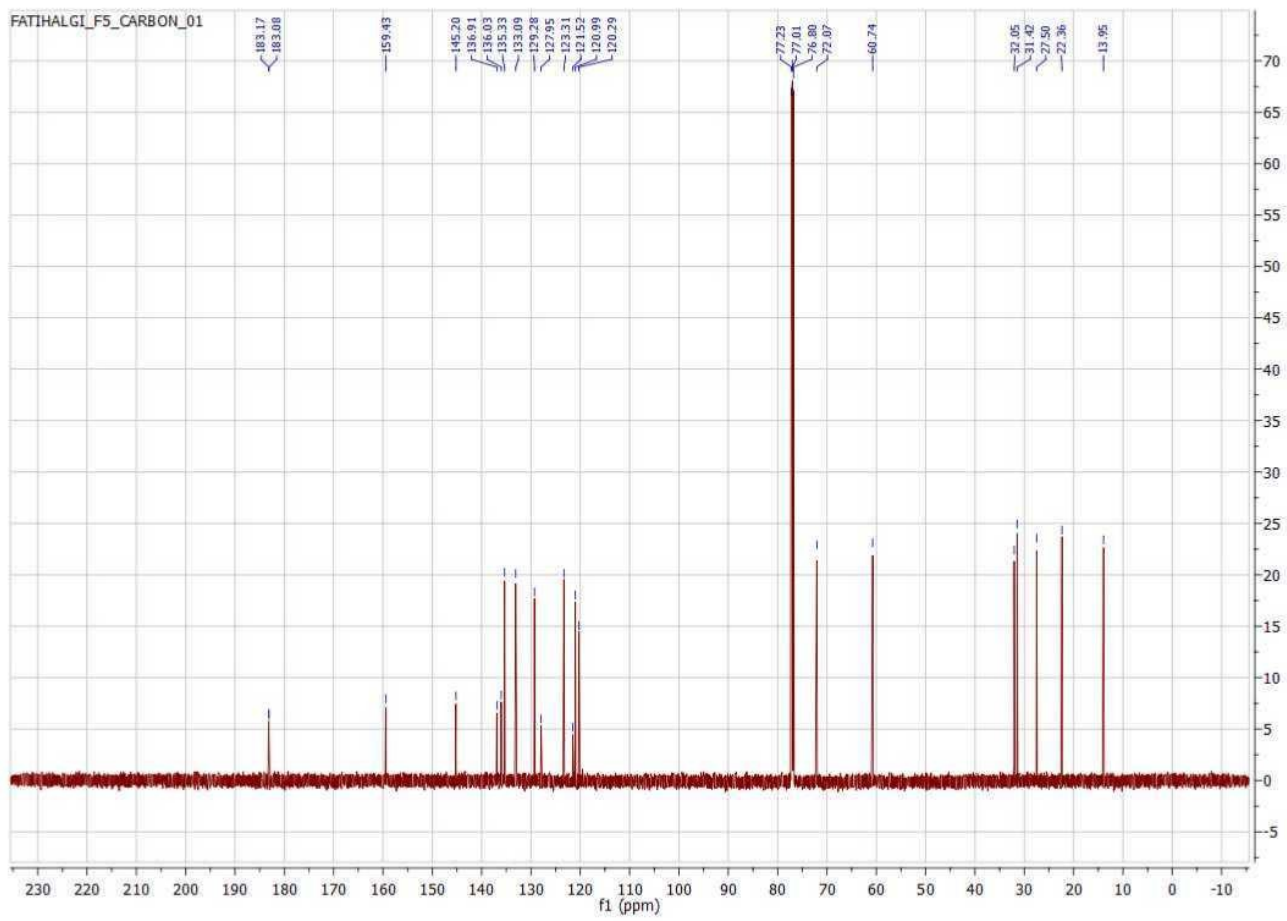
(2a) ¹H-NMR



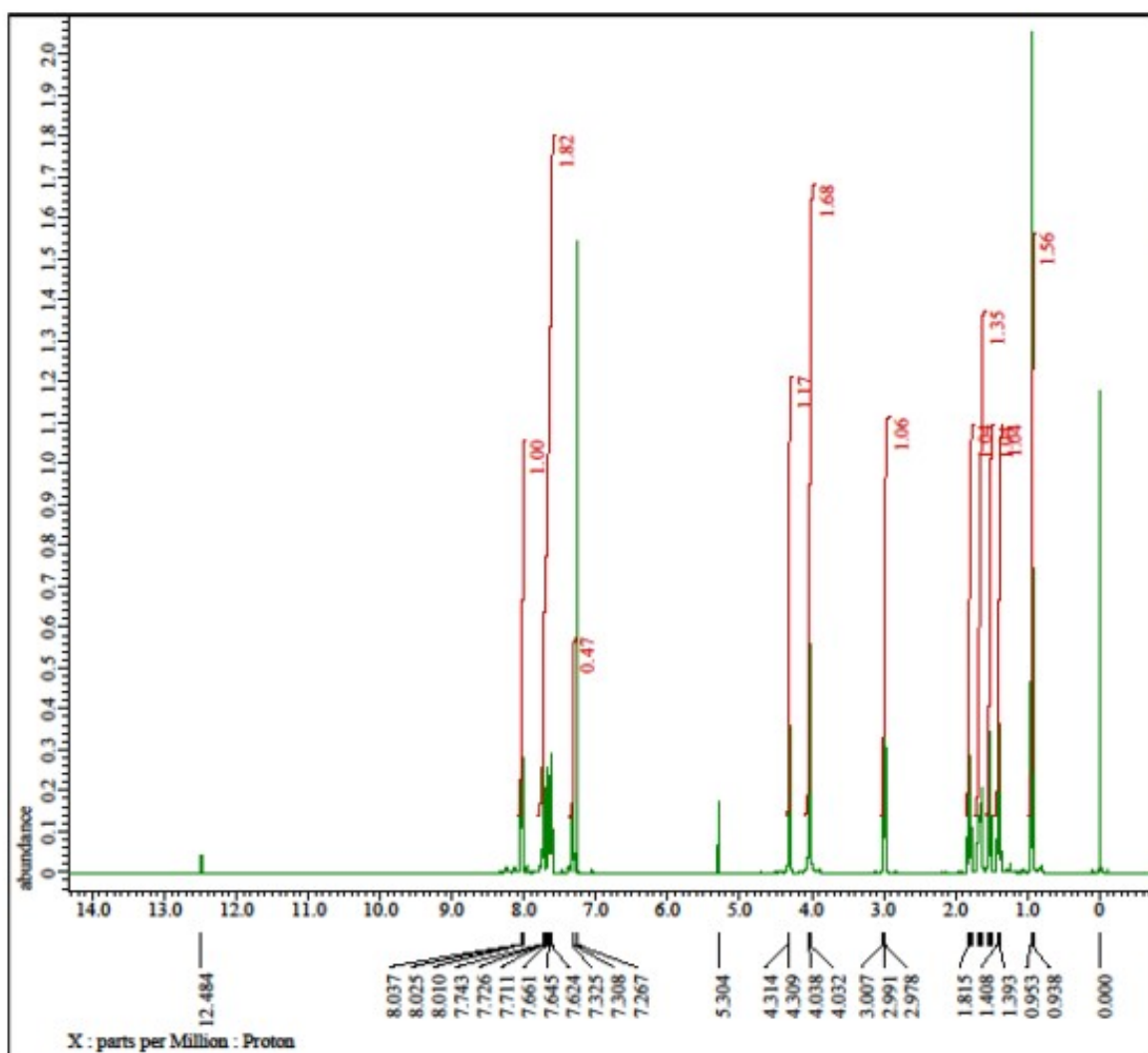
(2a) ¹³C-NMR



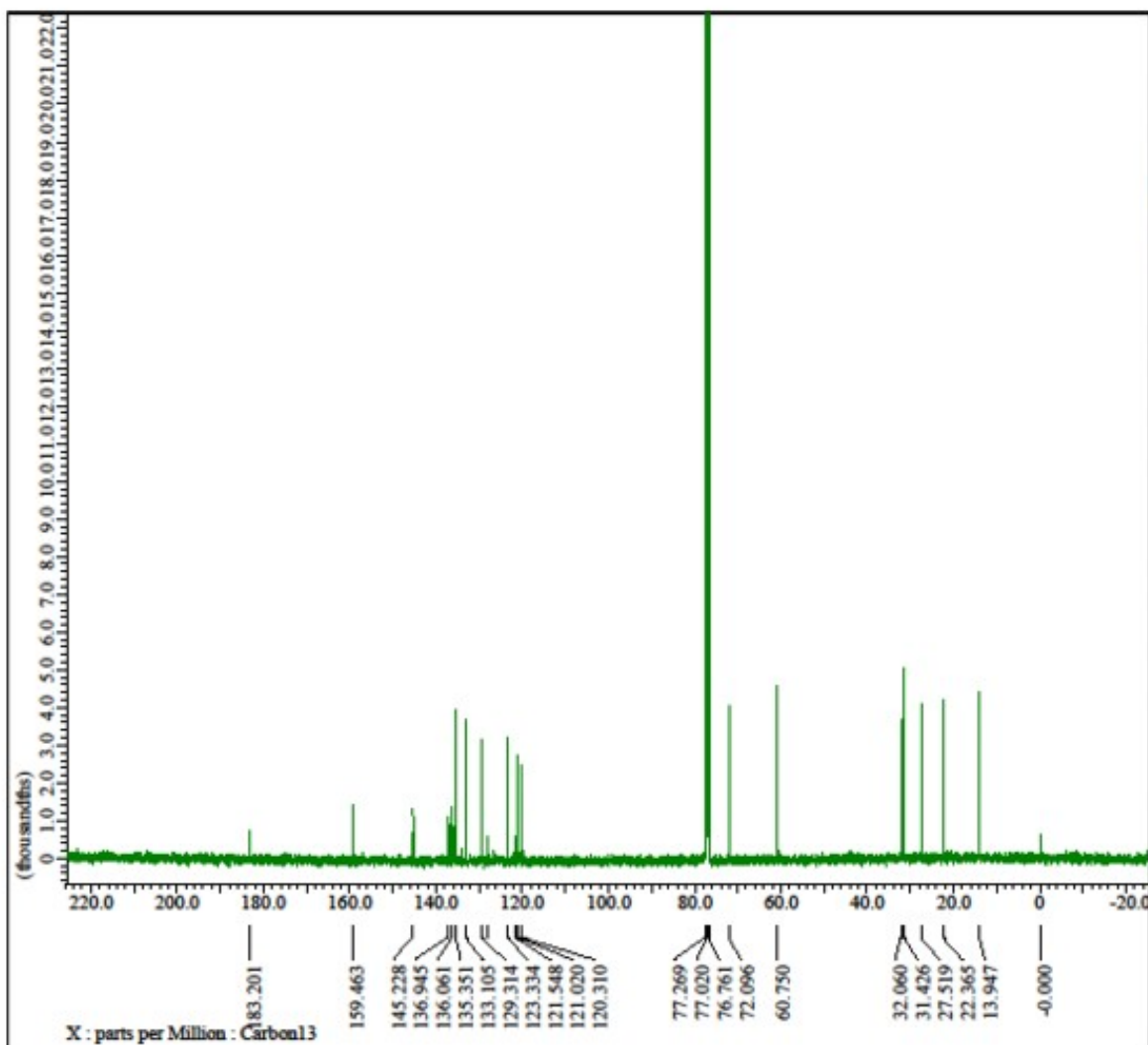
(2b) $^1\text{H-NMR}$



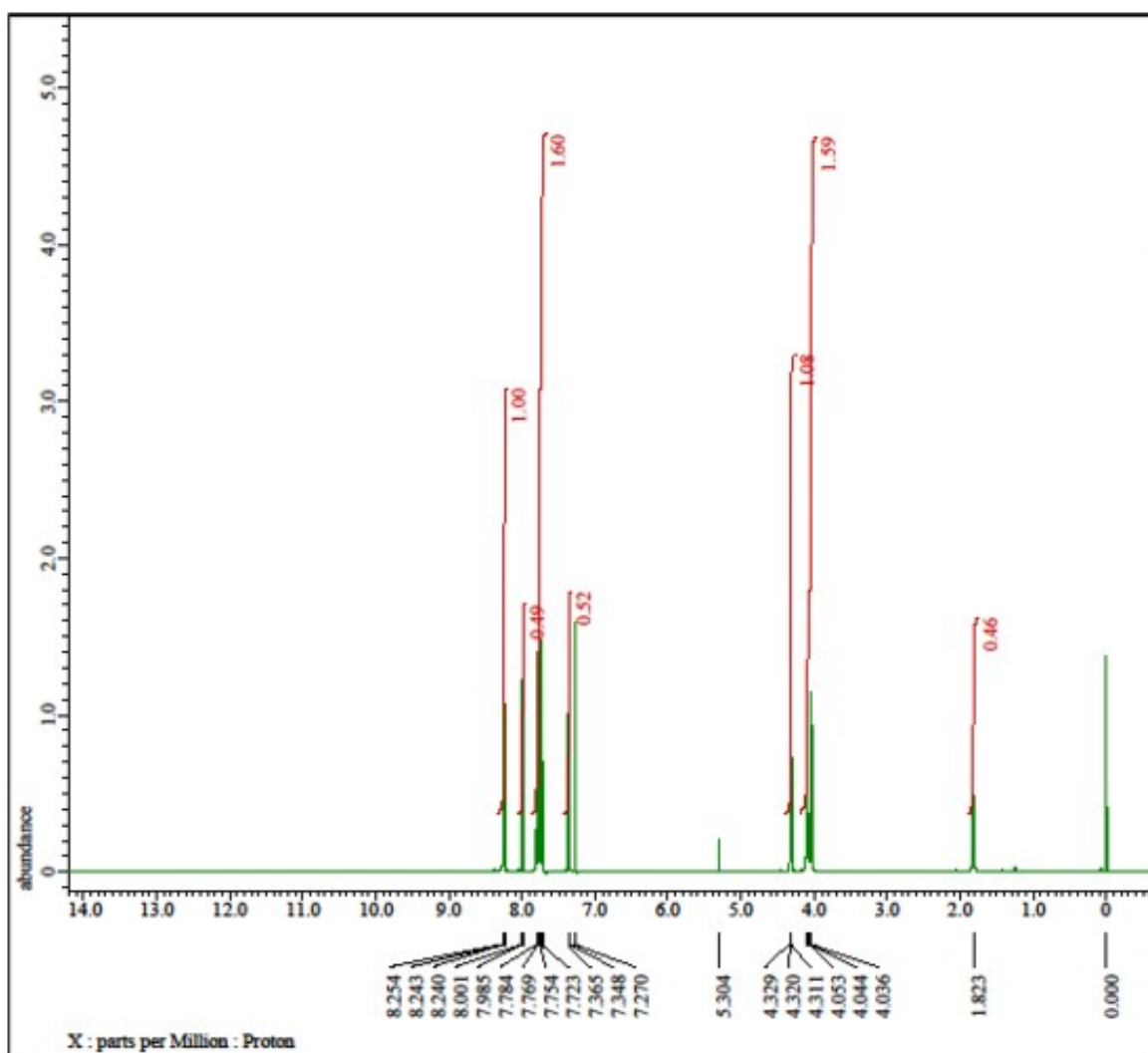
(2b) ¹³C-NMR



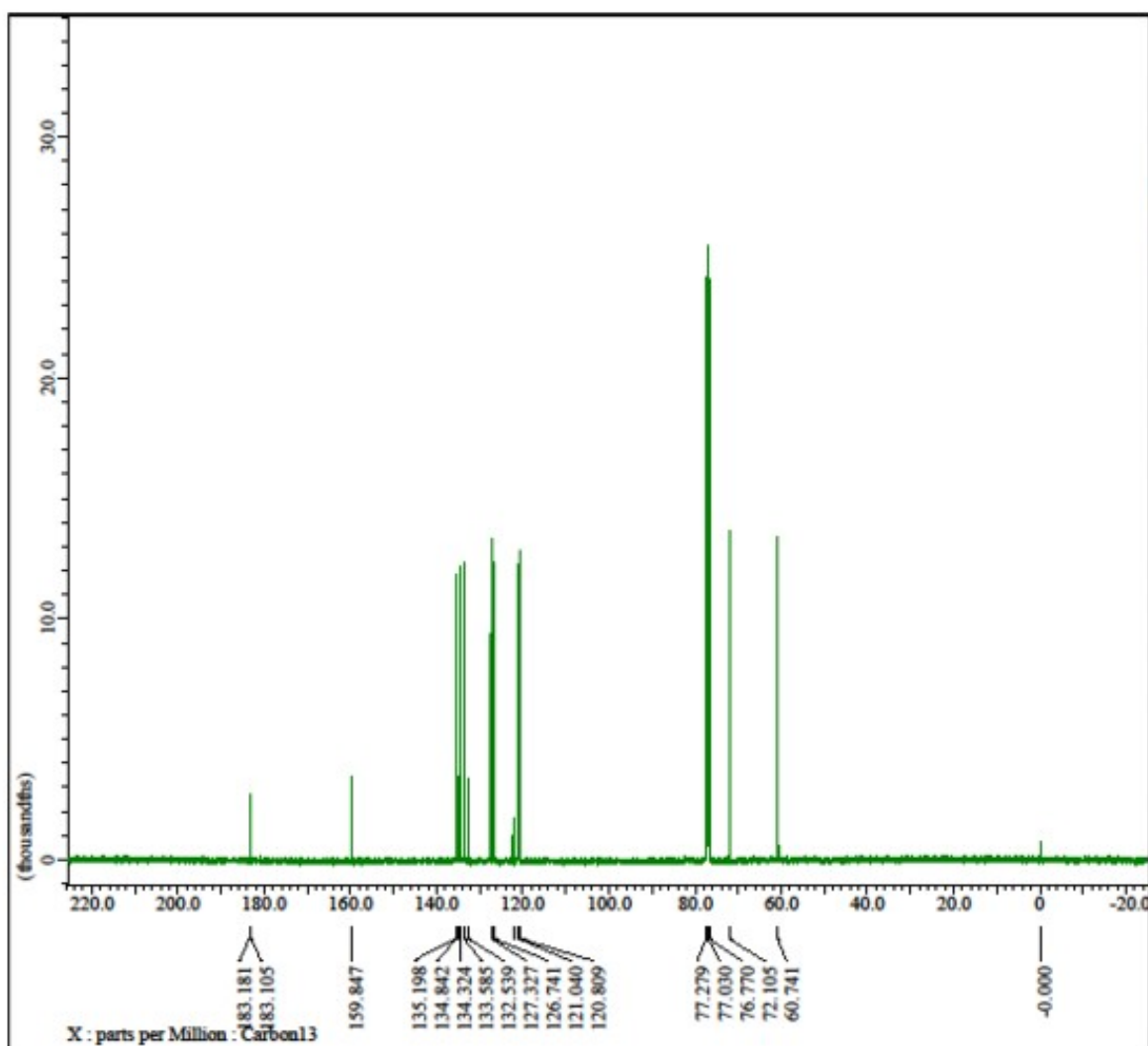
(2c) ¹H-NMR



(2c) ^{13}C -NMR



(2d) ¹H-NMR



(2d) ¹³C-NMR