

**Detection of a Precursor of the Photorearranged Products of 3-Hydroxyflavones in Selected Solvents from the UV-visible Spectra *in Situ*.**

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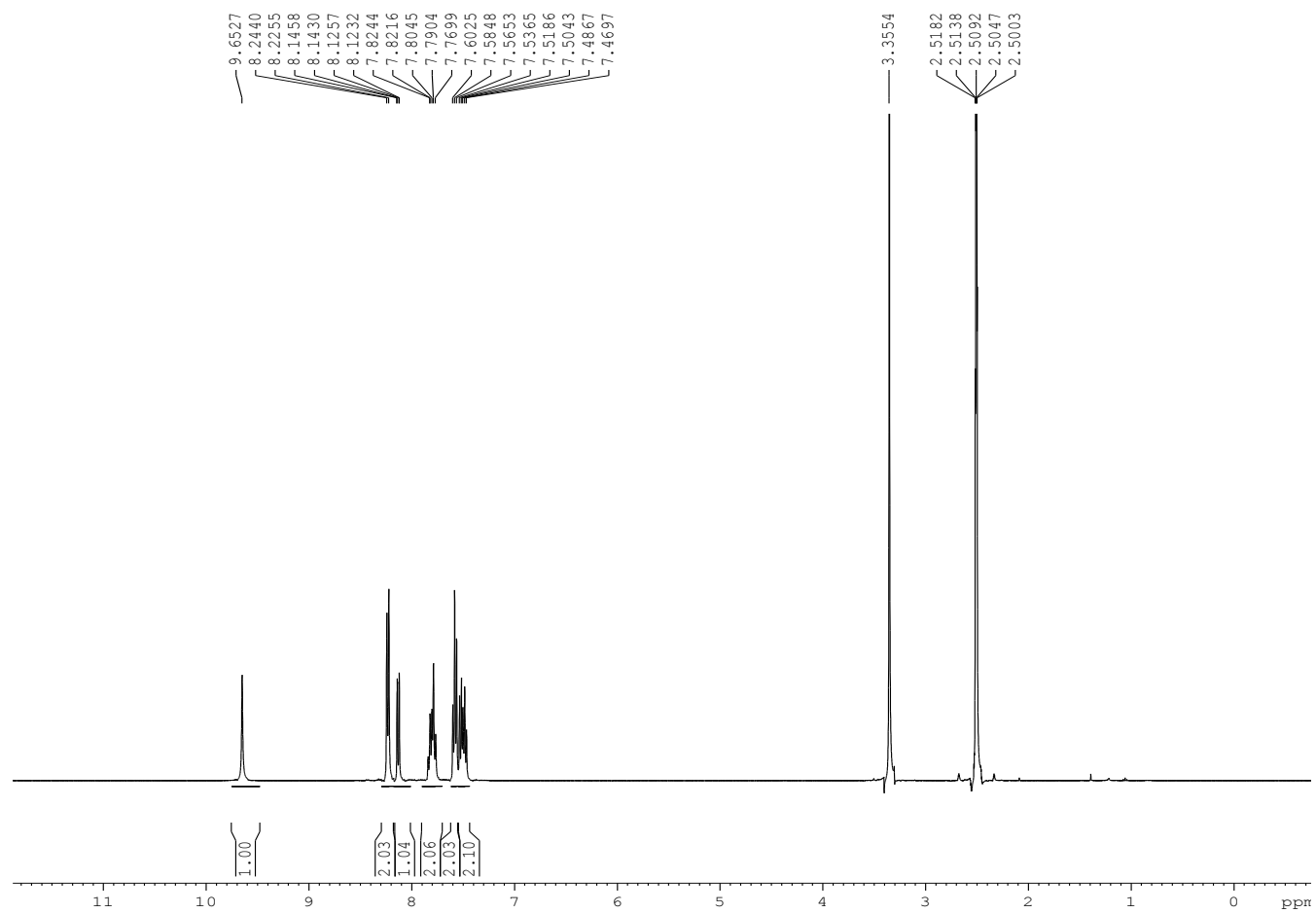
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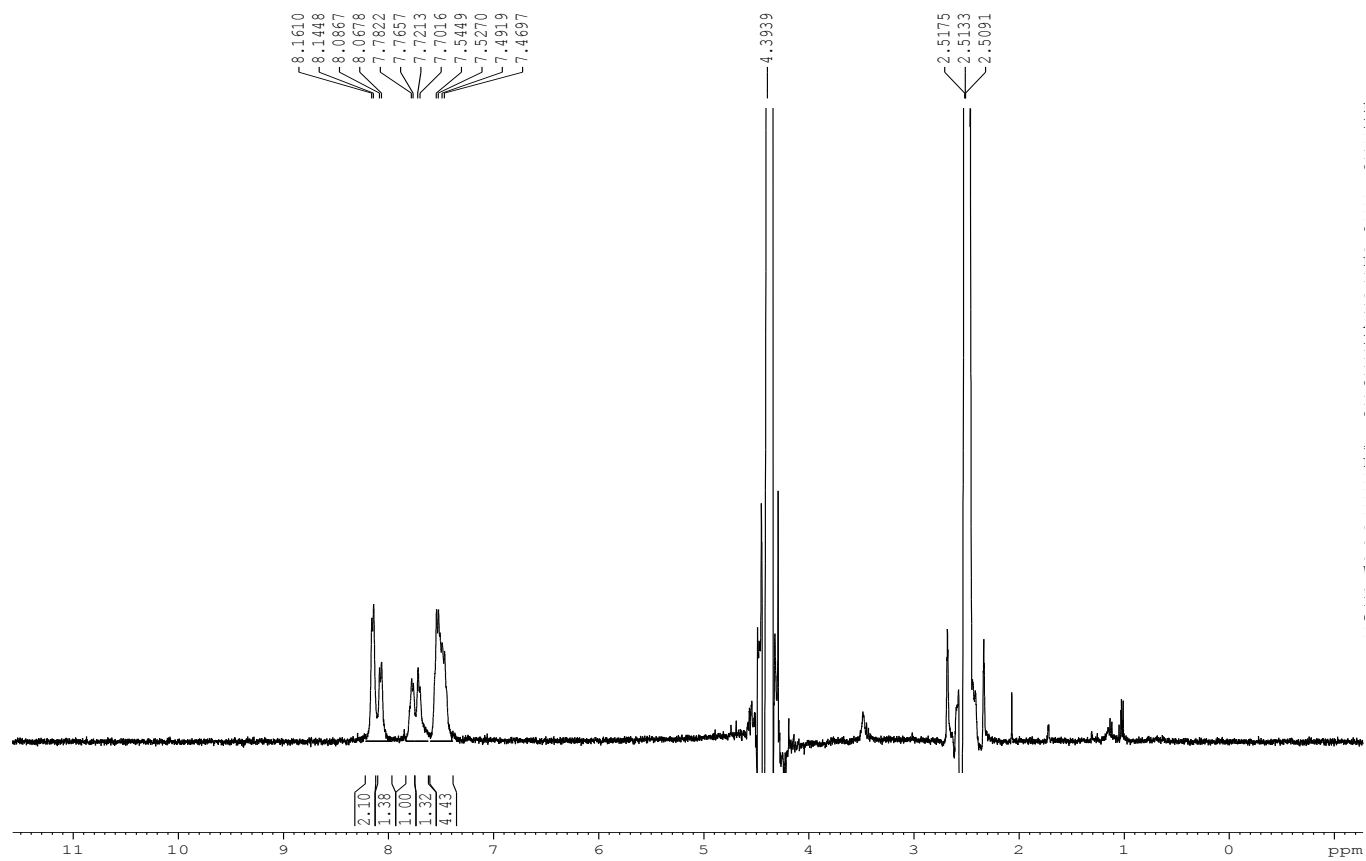
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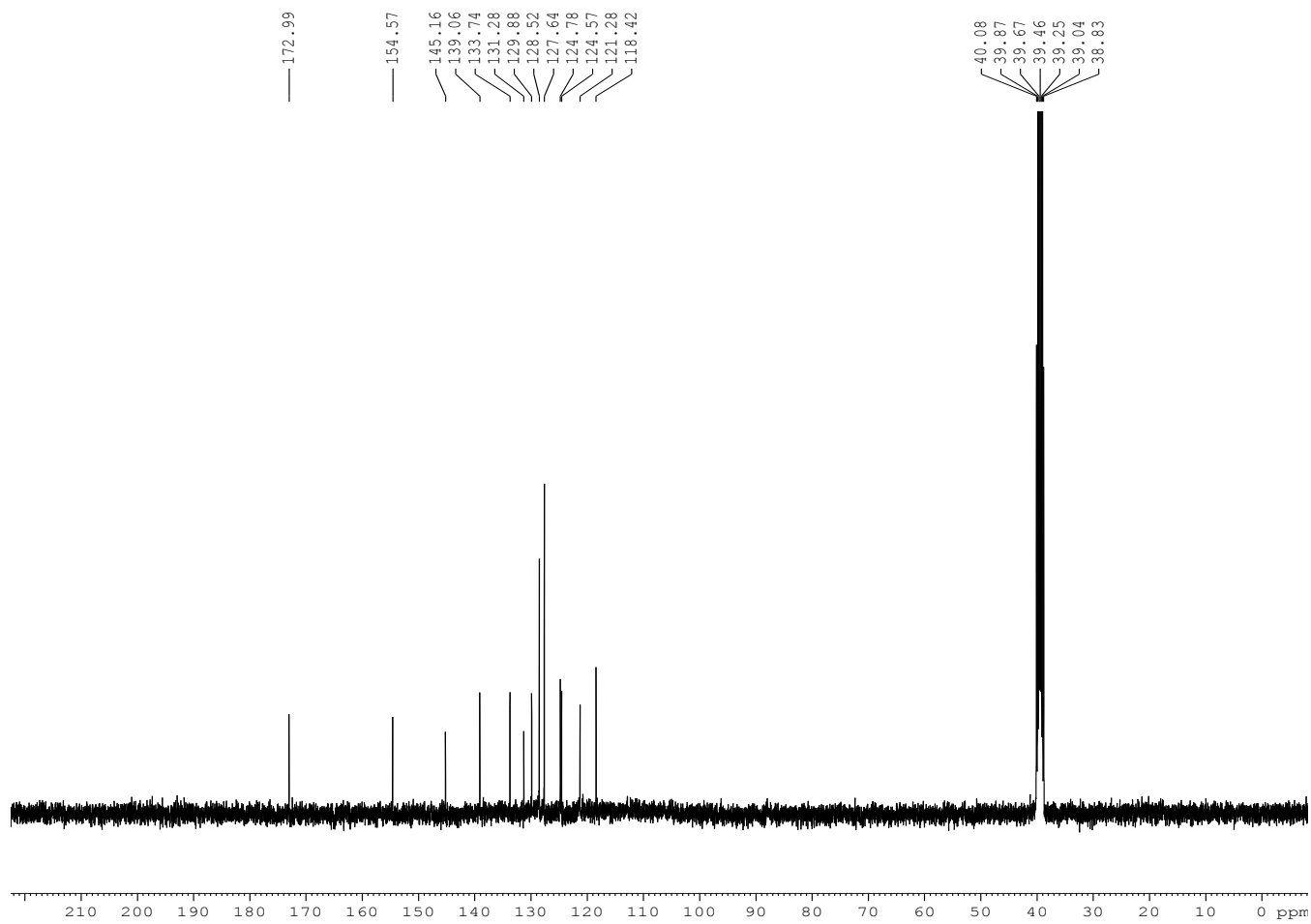
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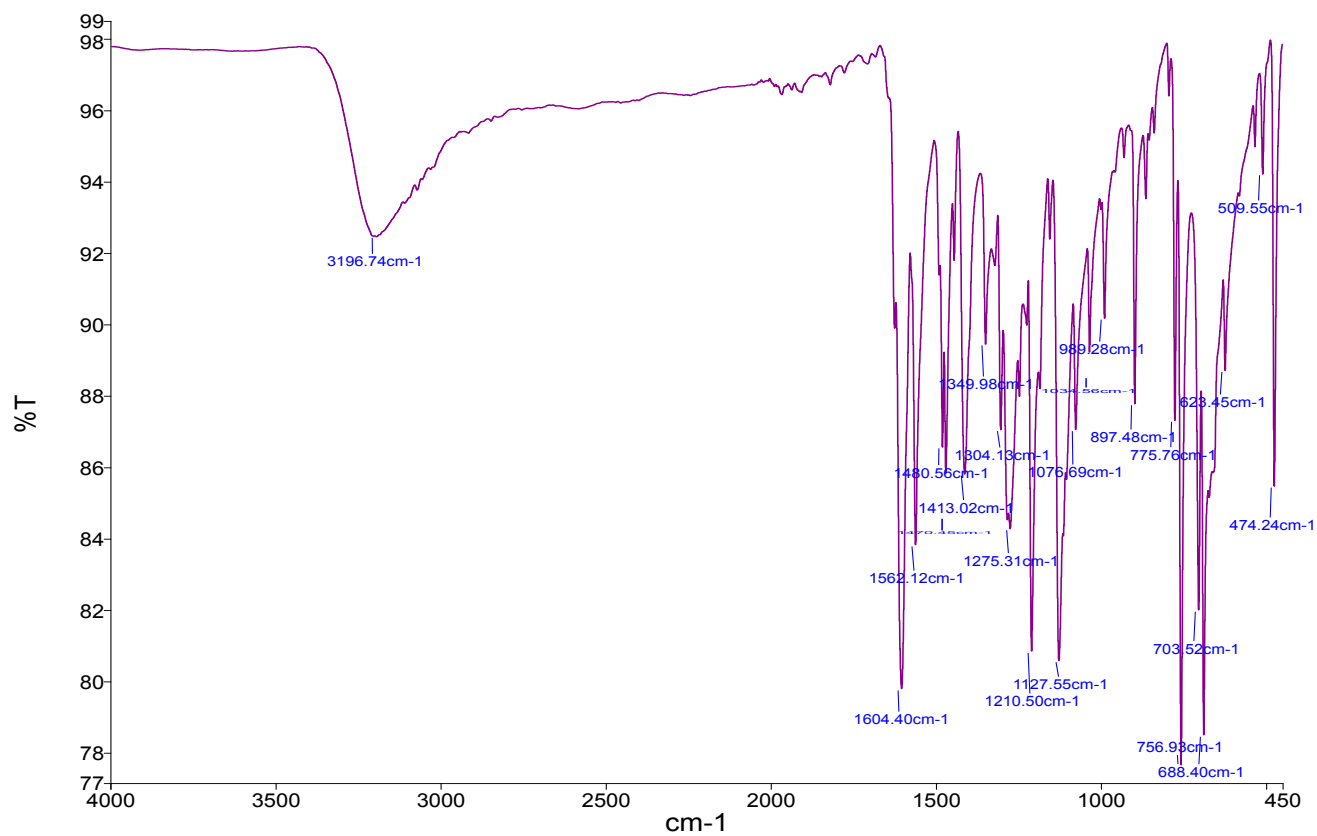
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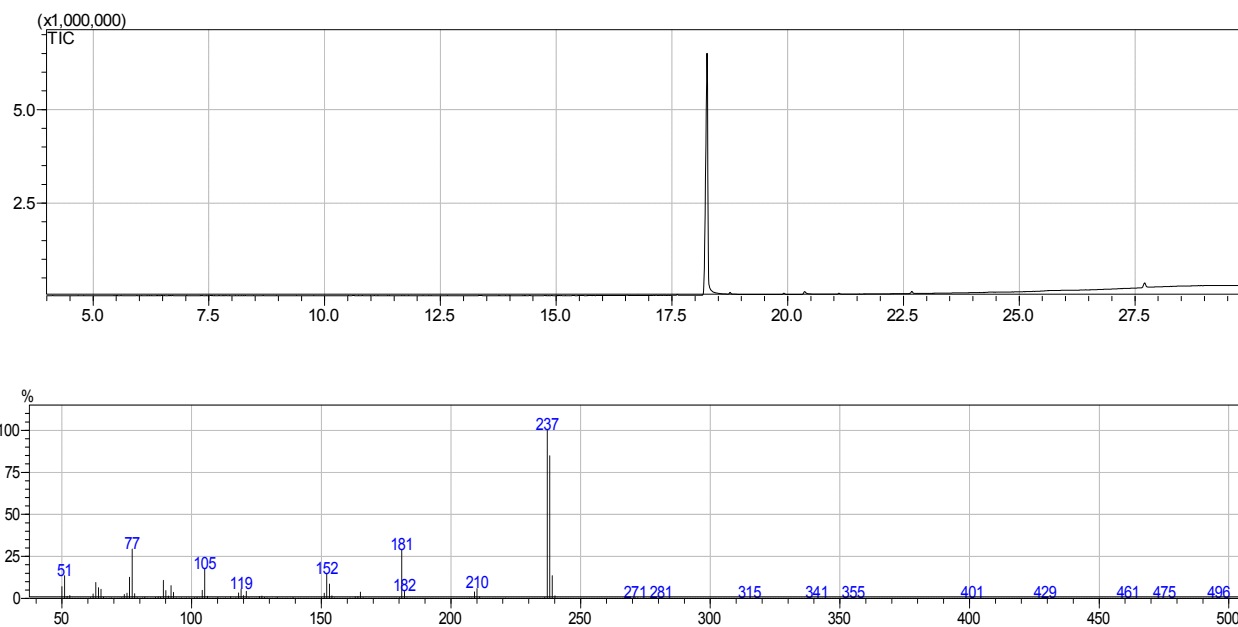
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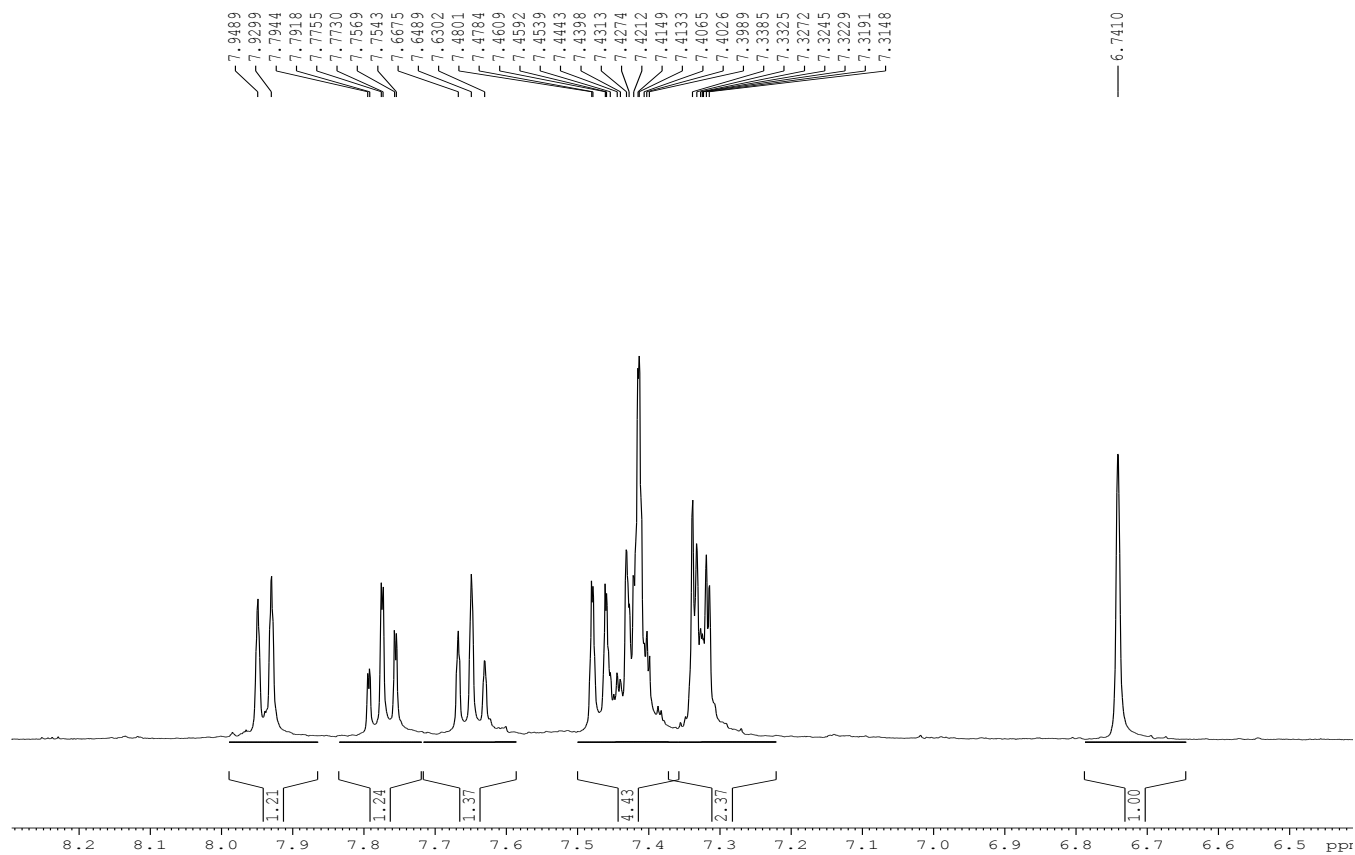
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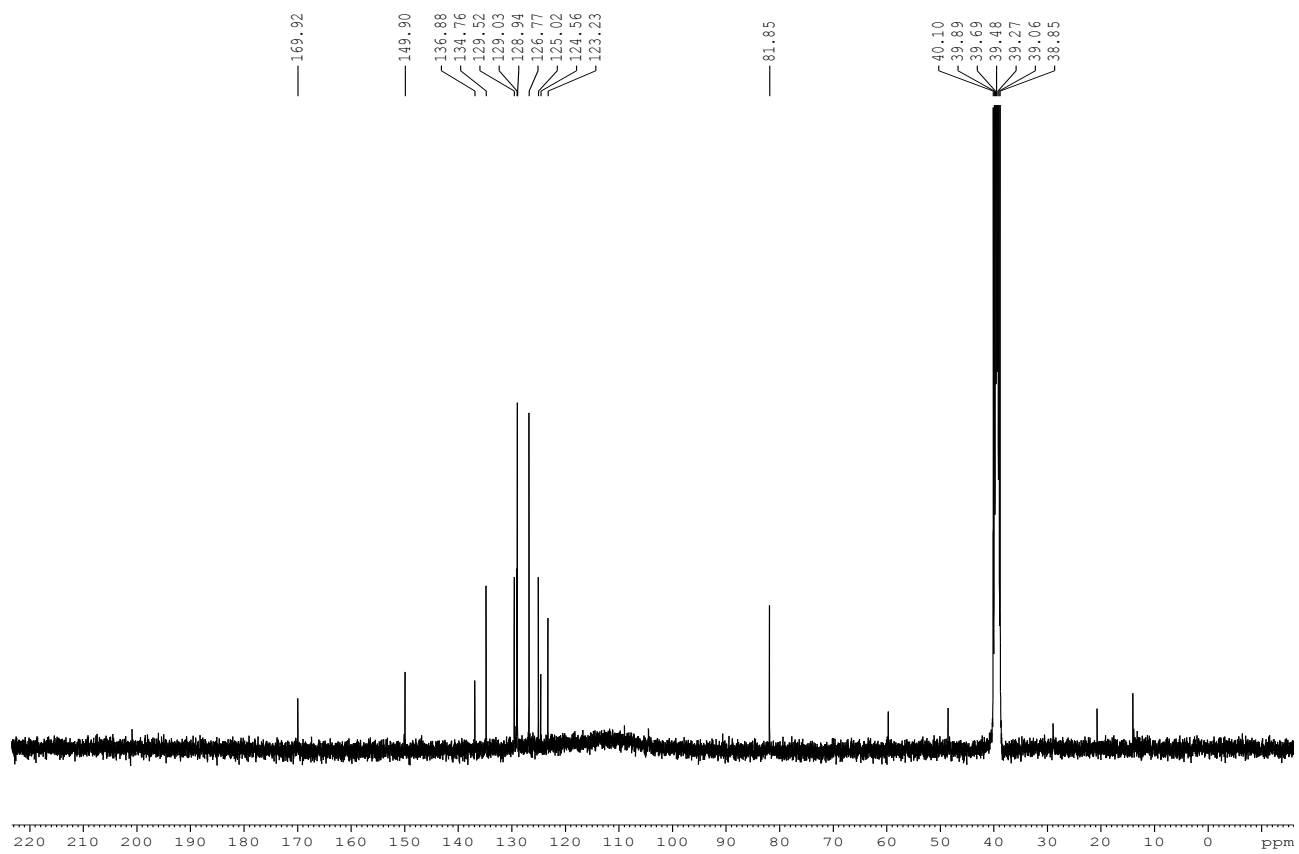
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**<sup>1</sup>H NMR spectrum of 3-phenylisobenzofuran-1(3H)-one (3HF phthalide)**

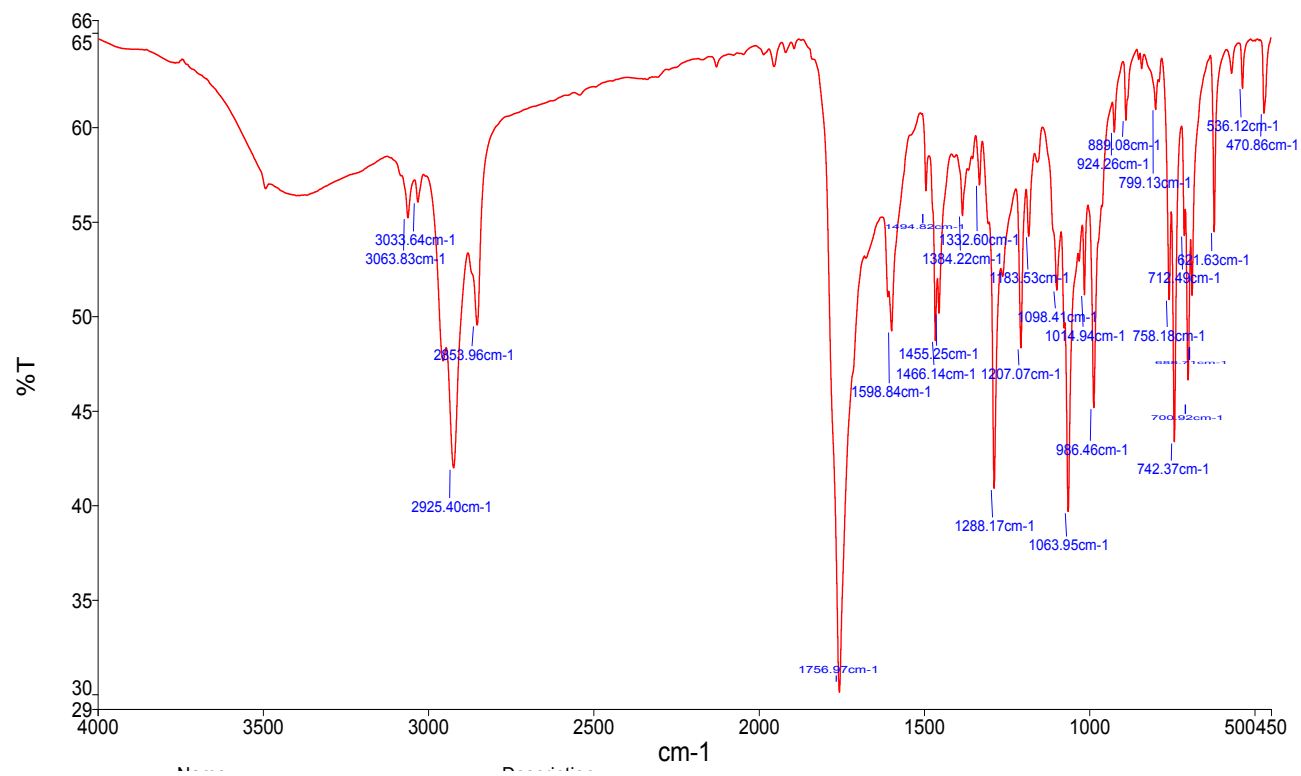


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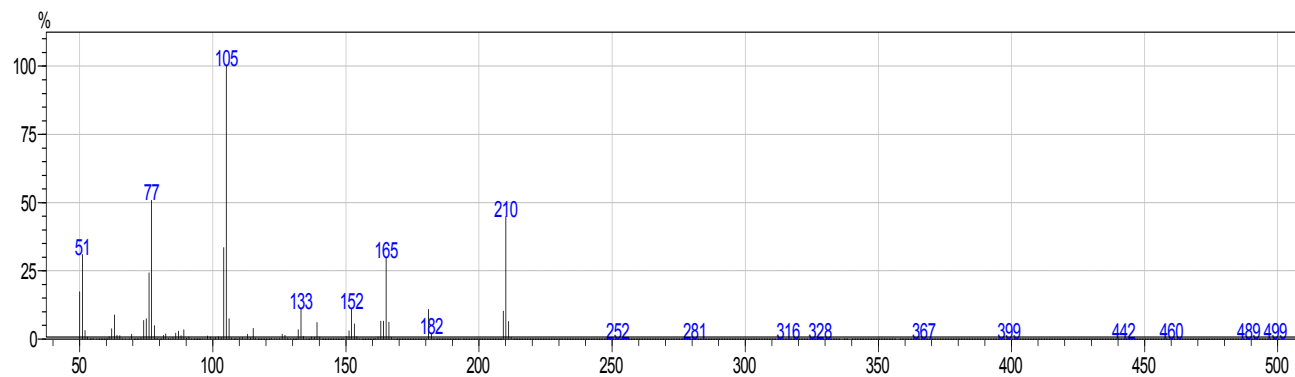
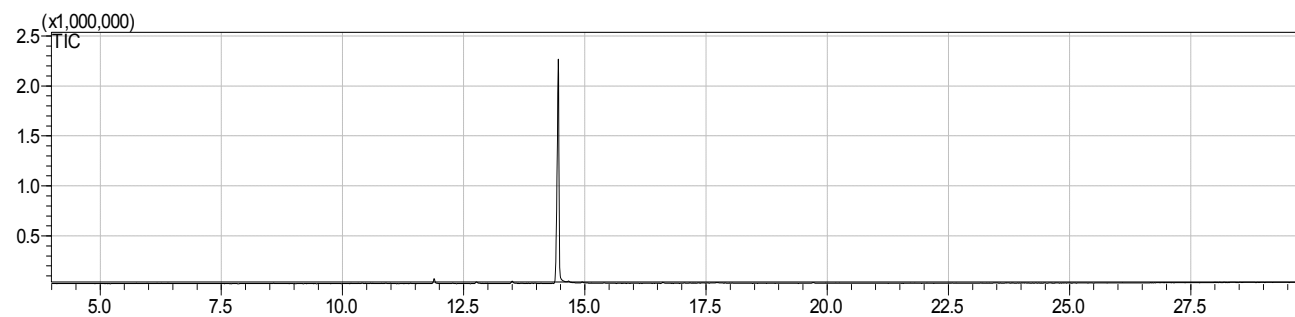




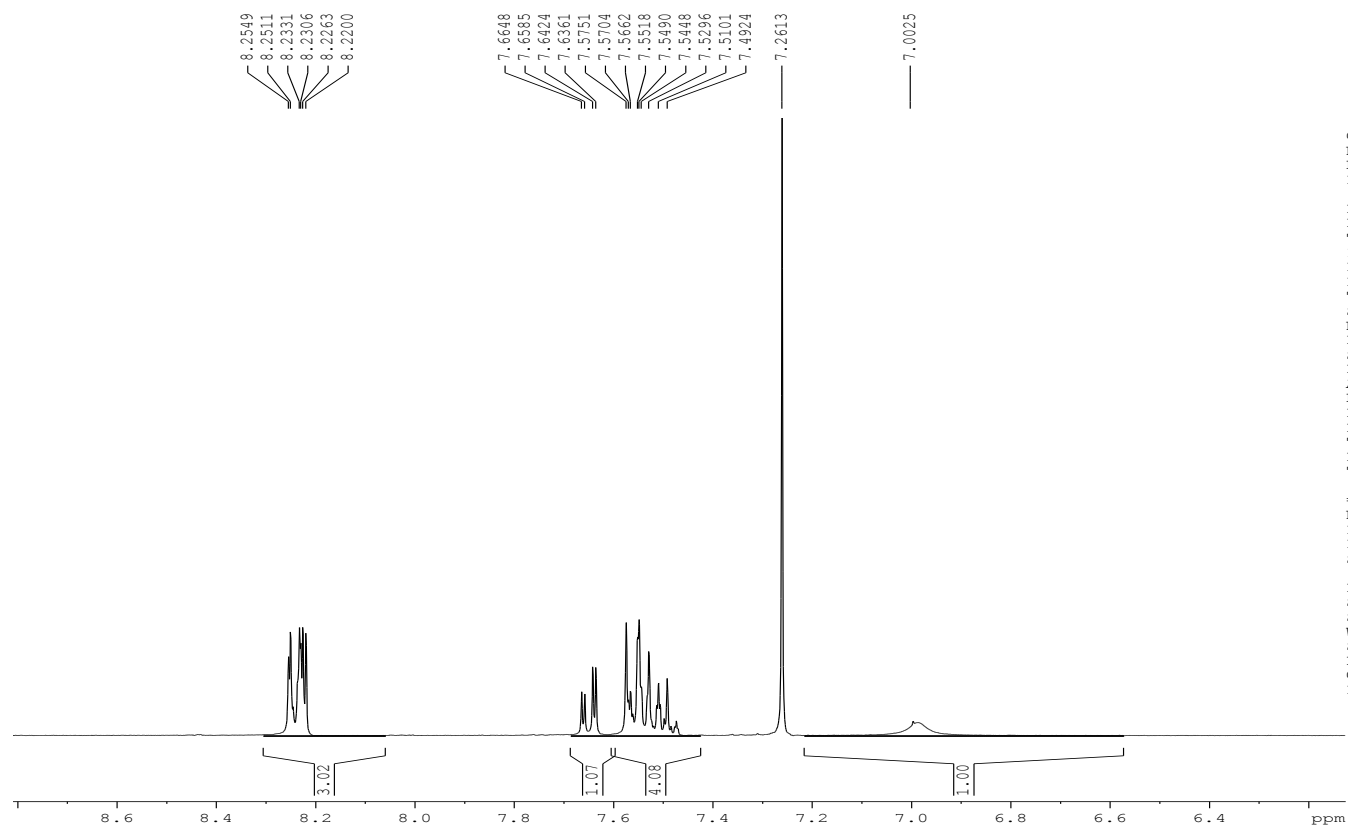
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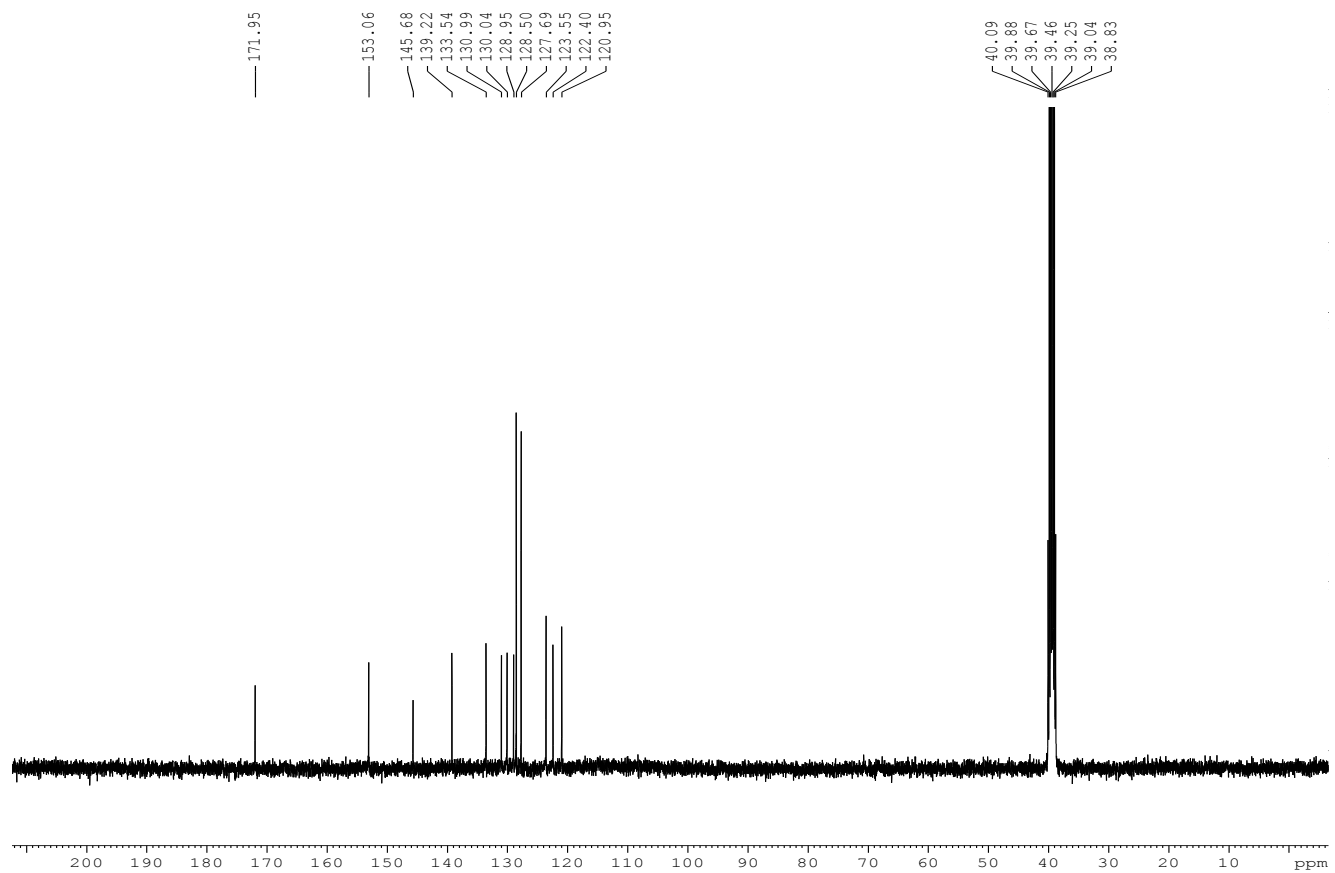
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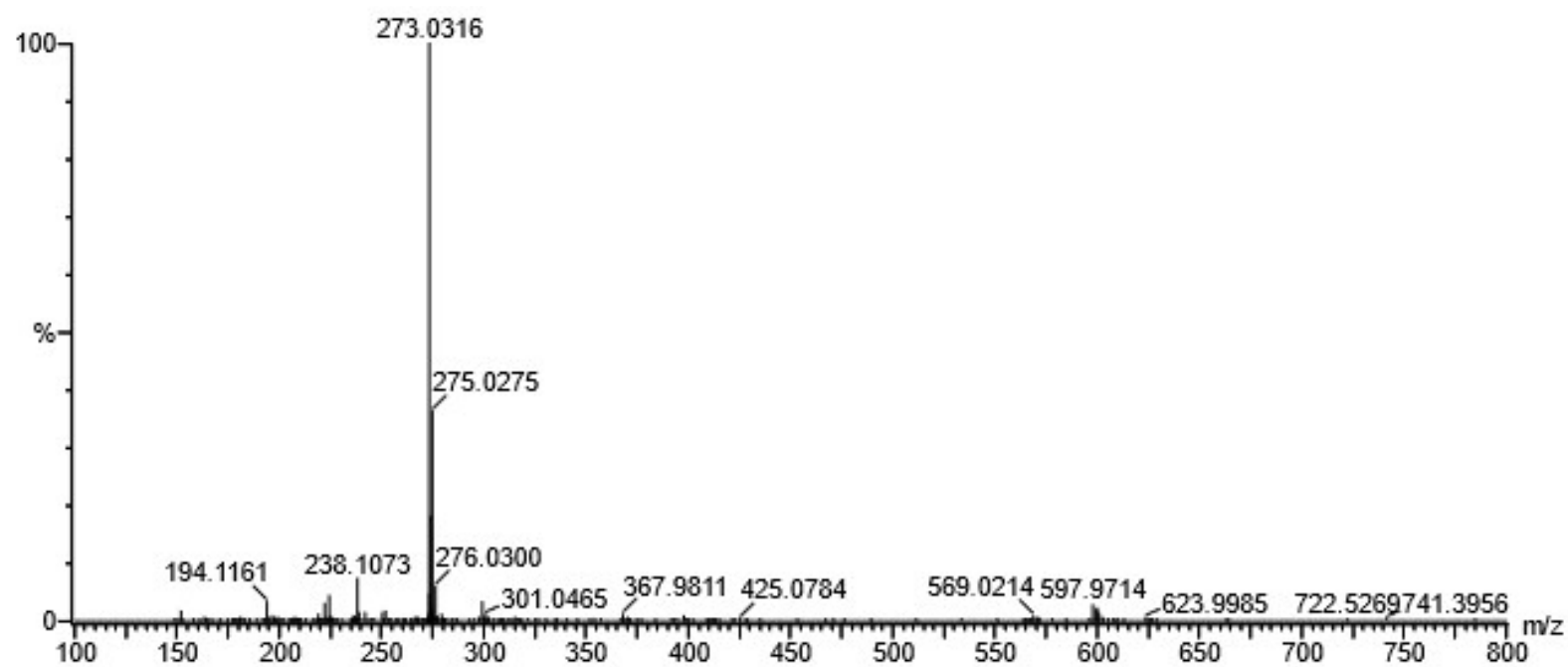
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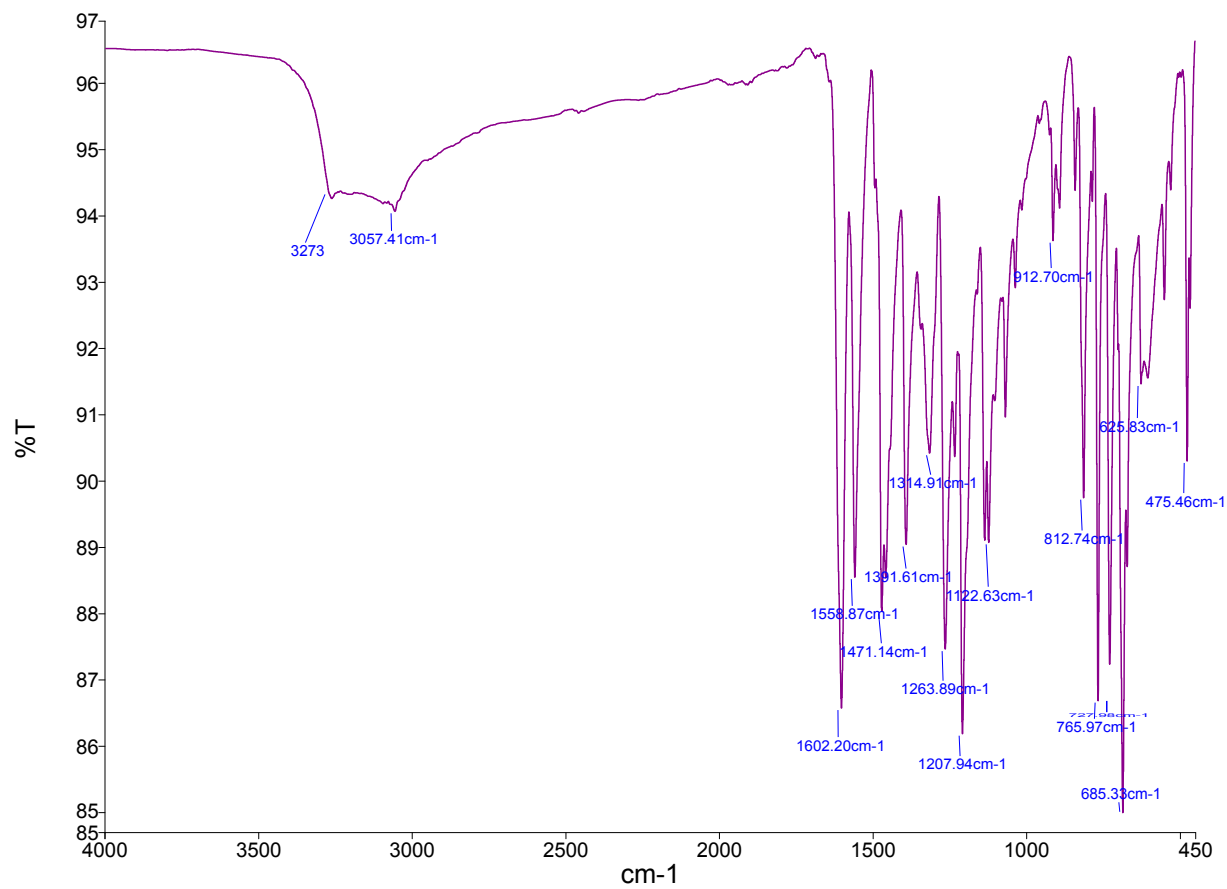
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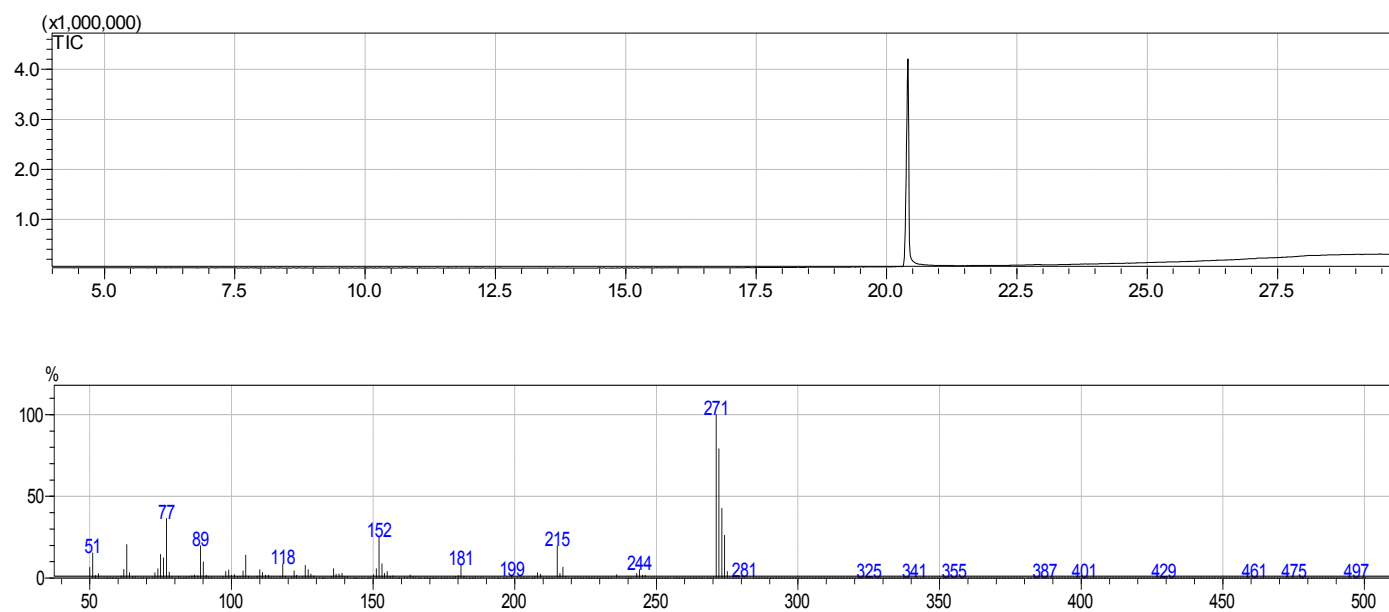
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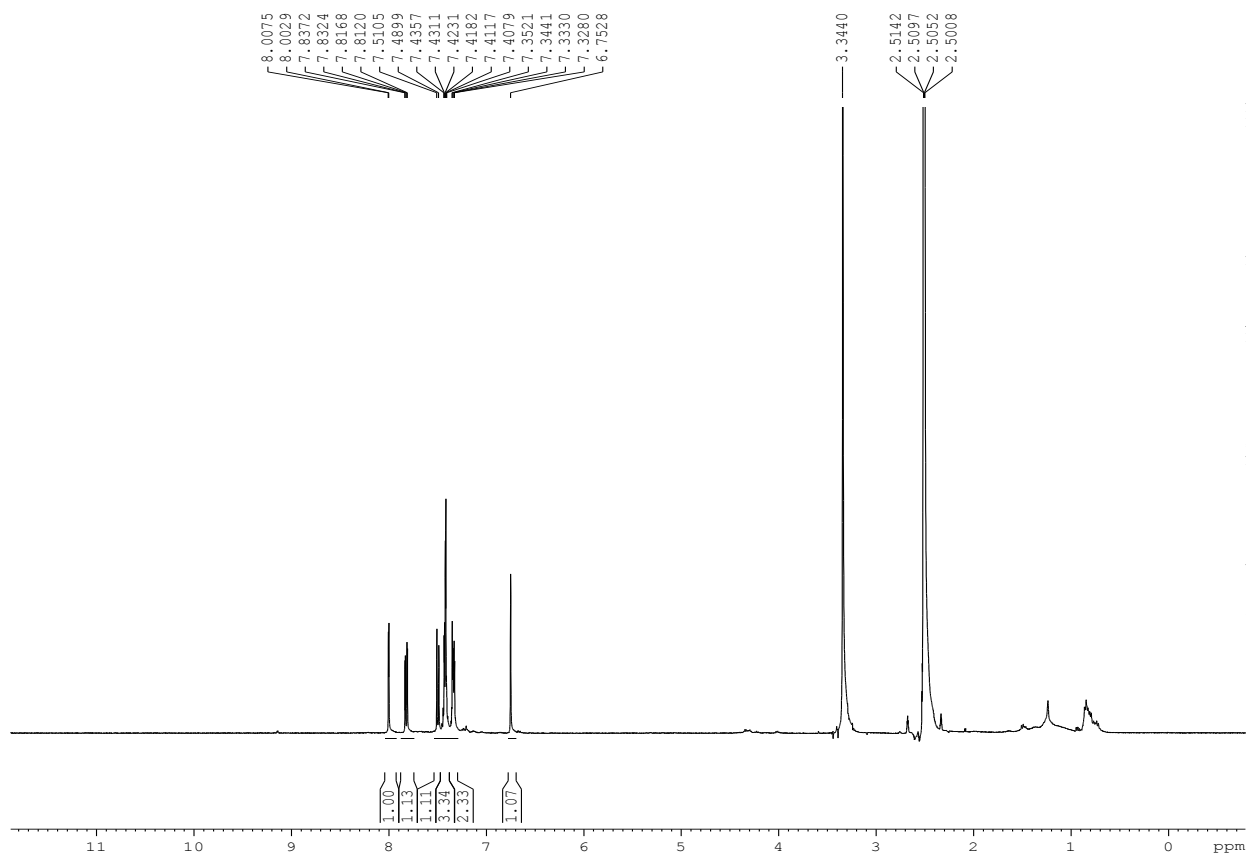
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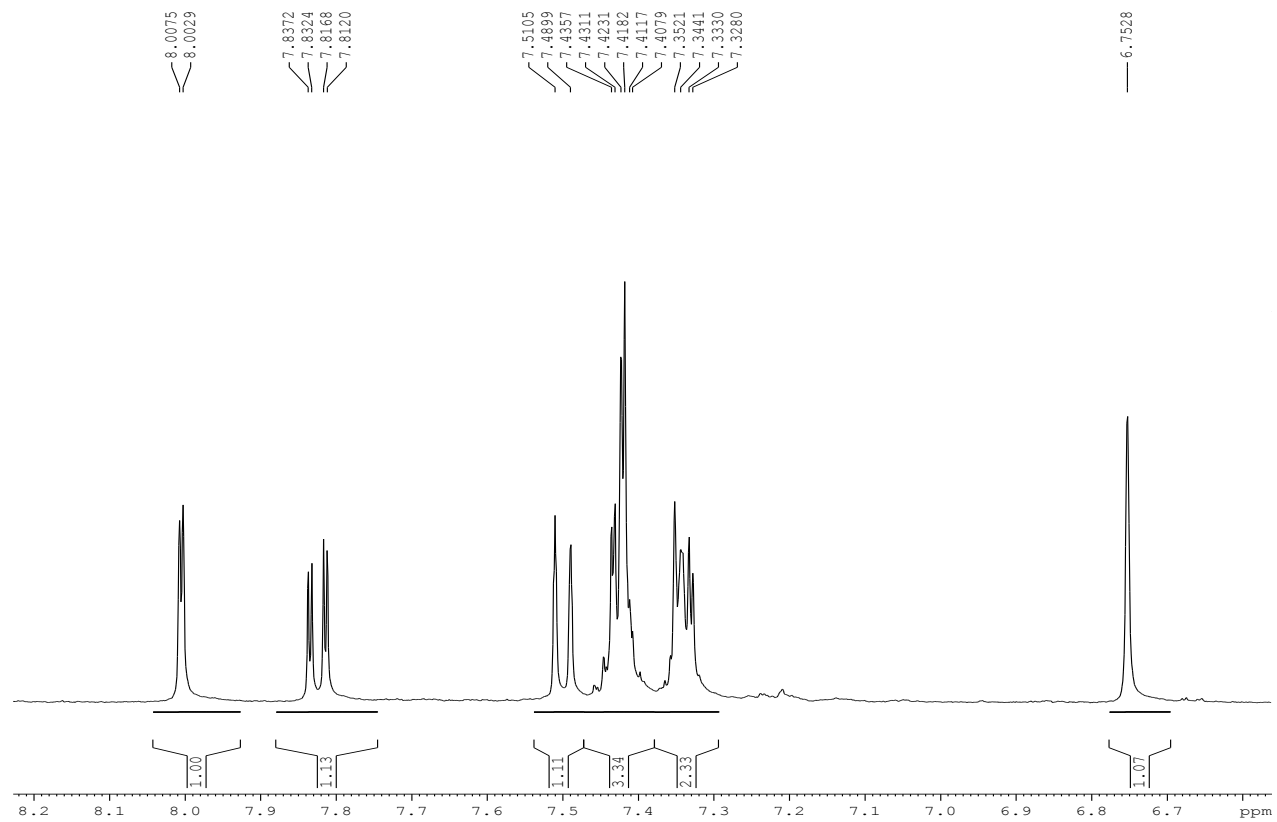


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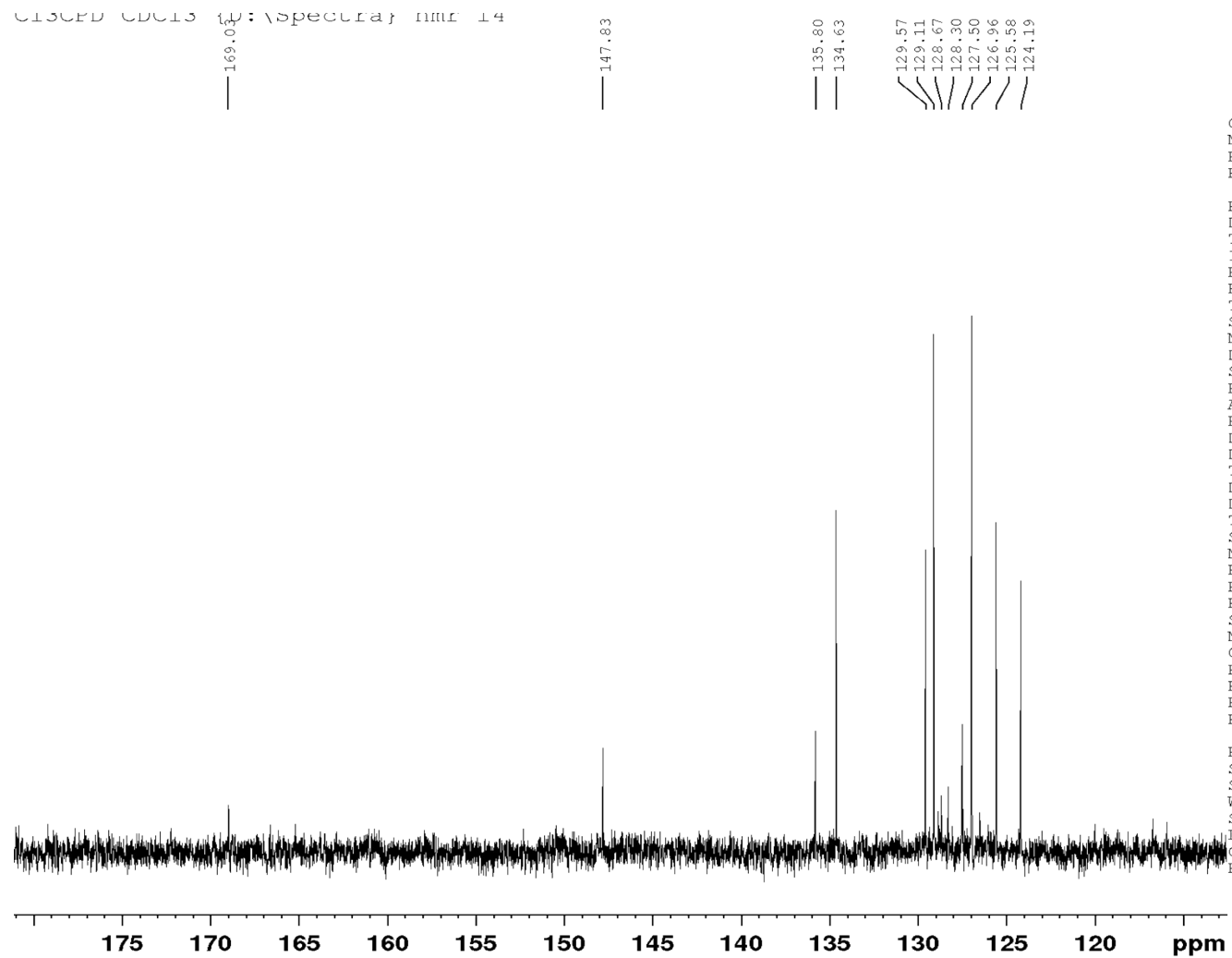




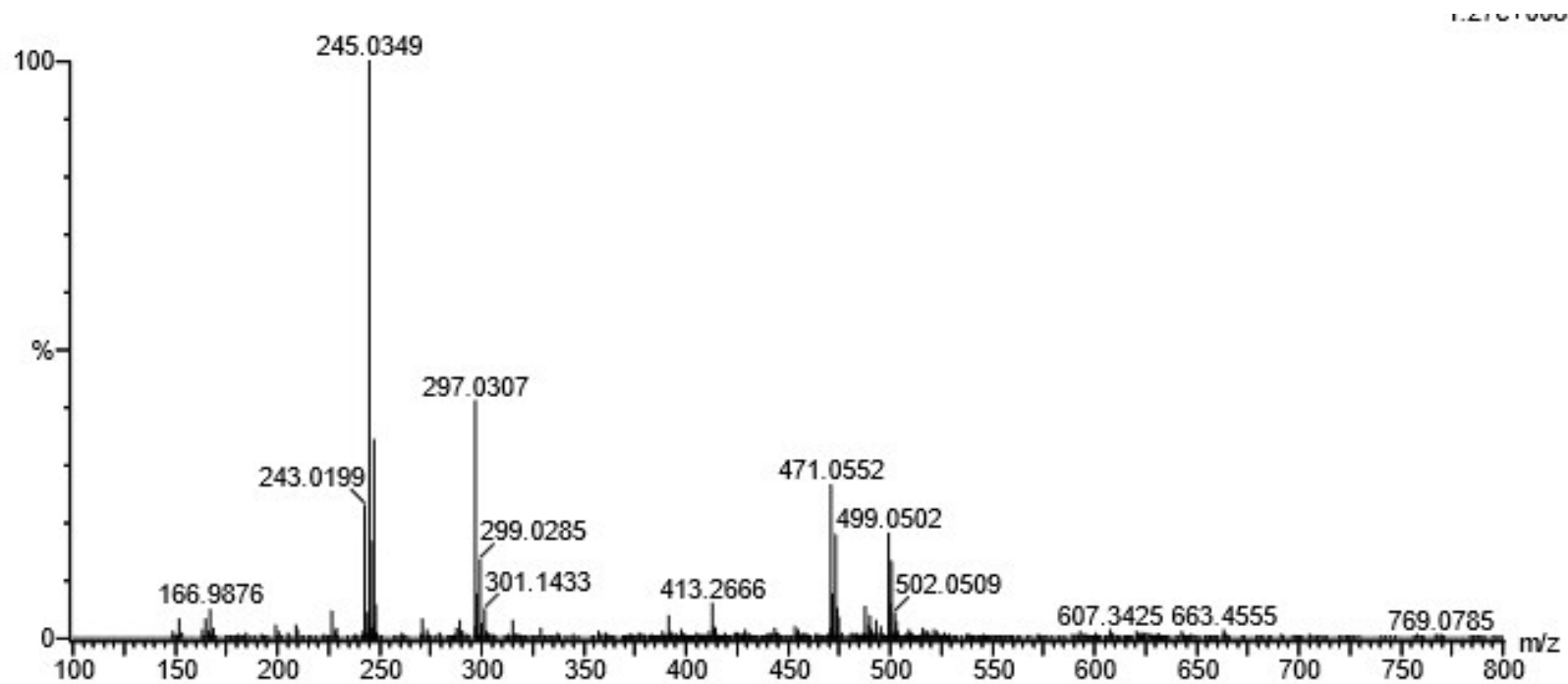
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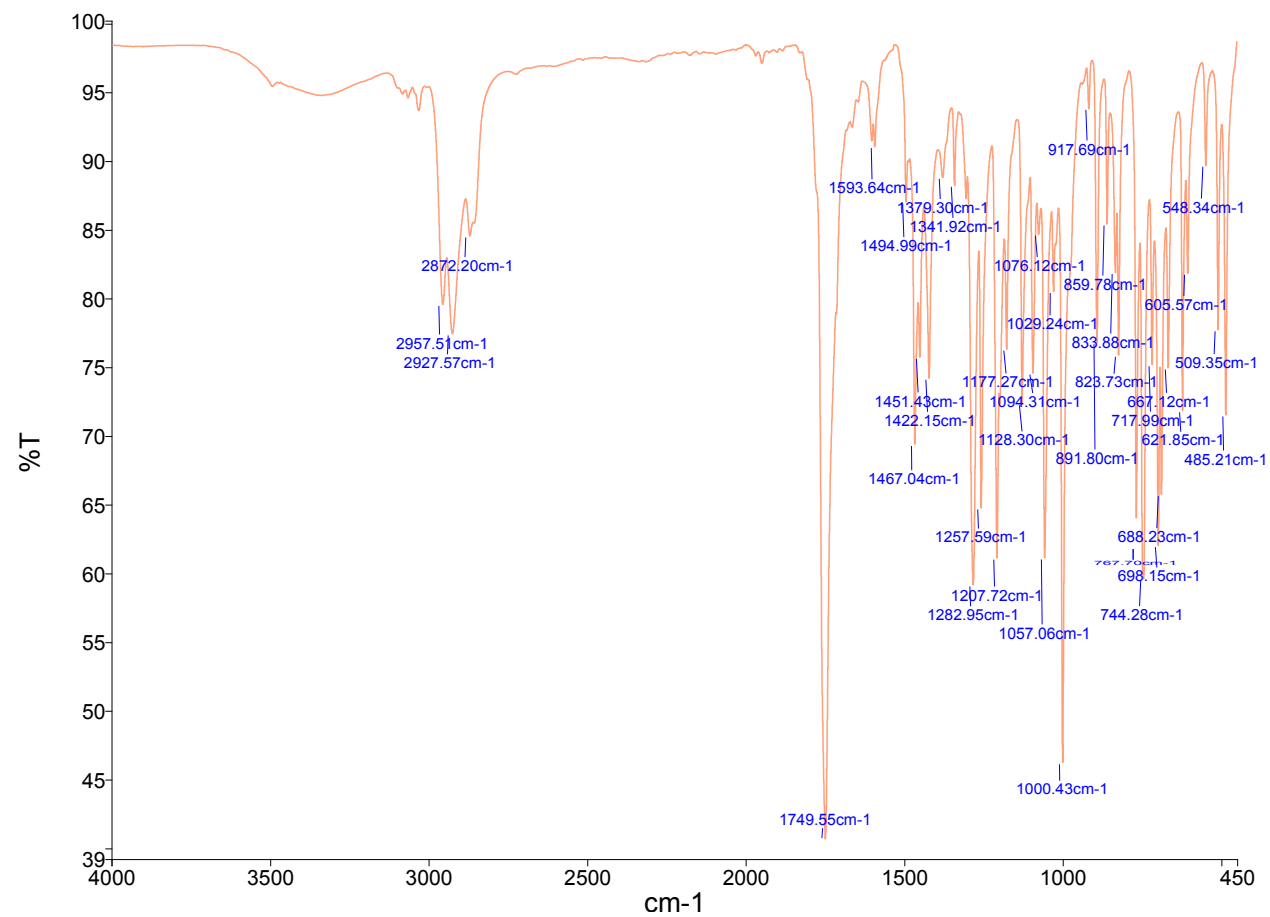
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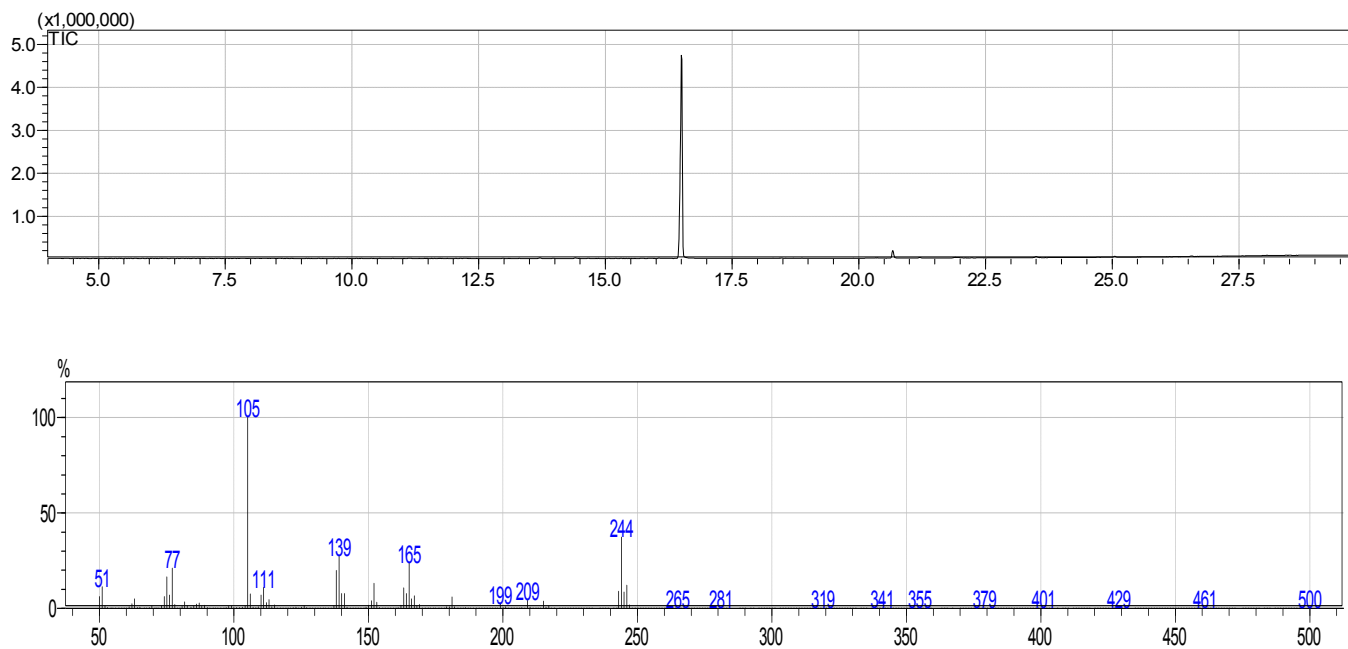
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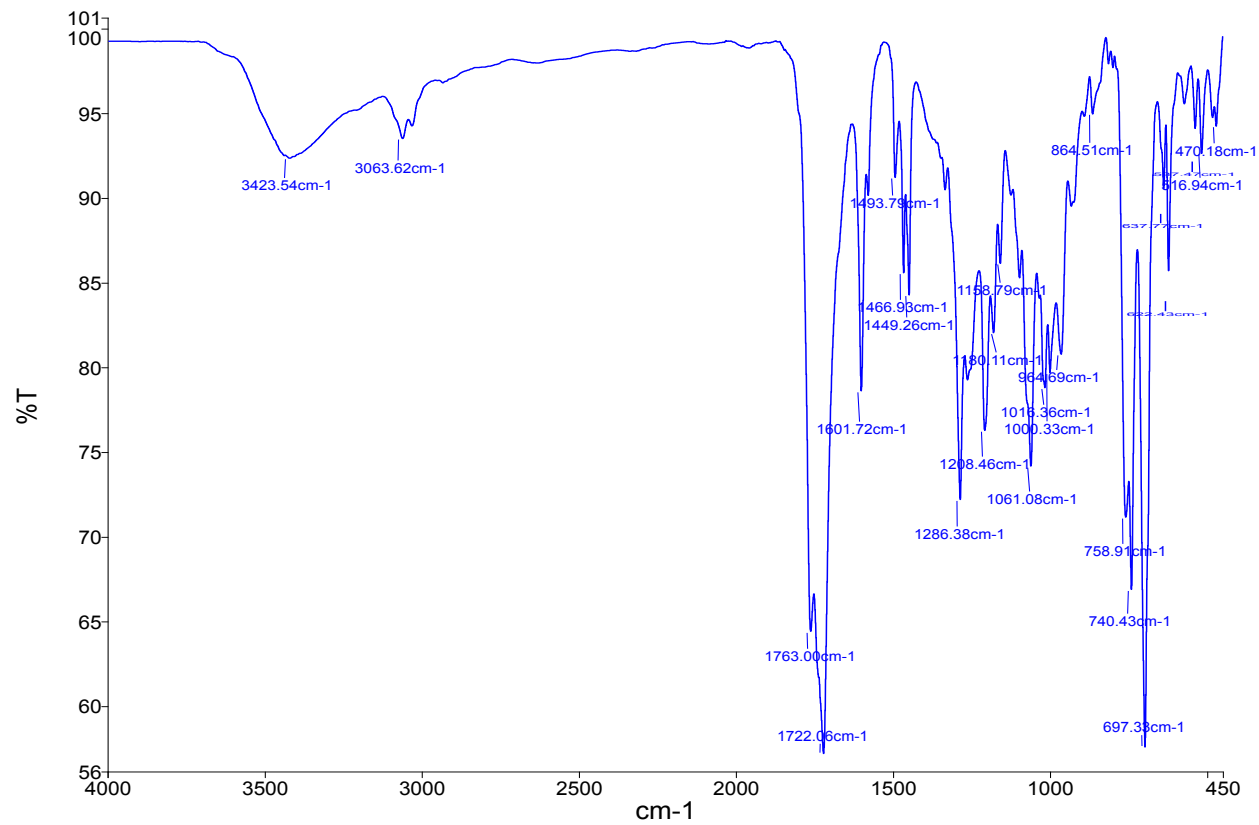
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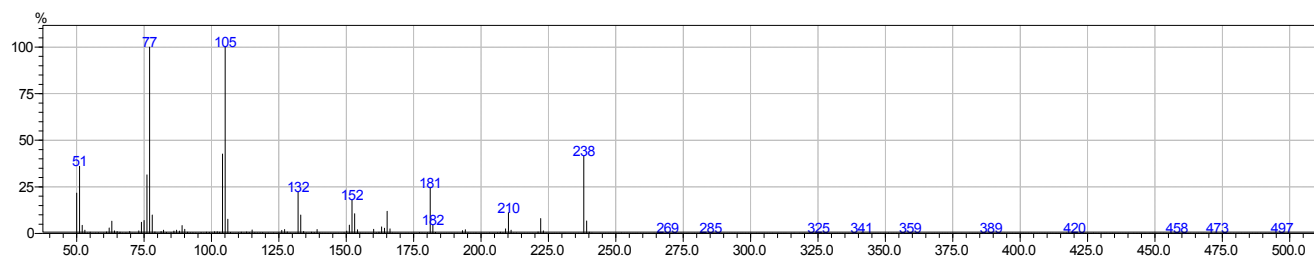
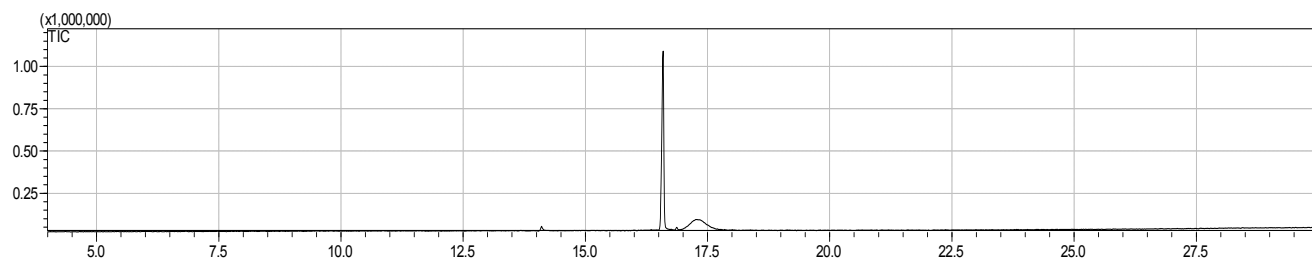
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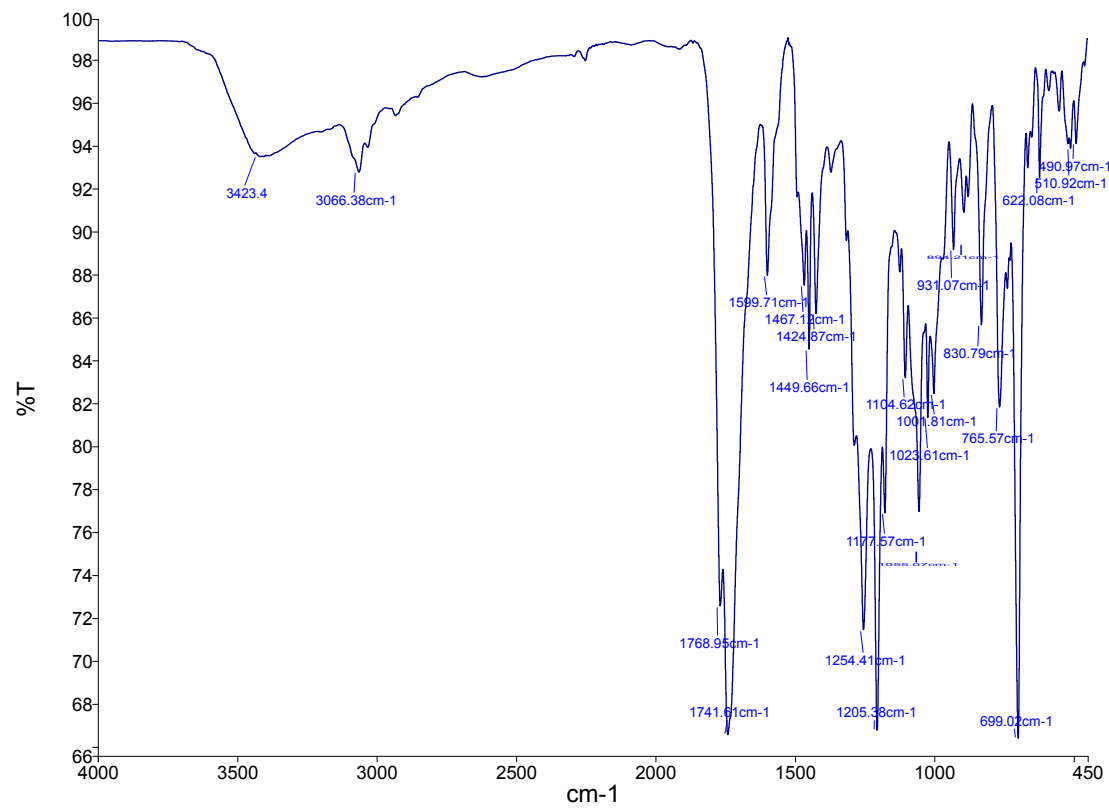
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## GC-MS analysis of 3-hydroxy-3-phenyl-indan-1,2-dione (3HF dione)

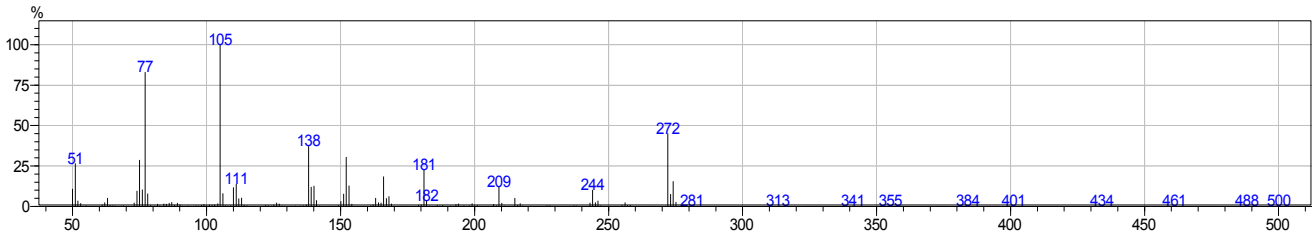
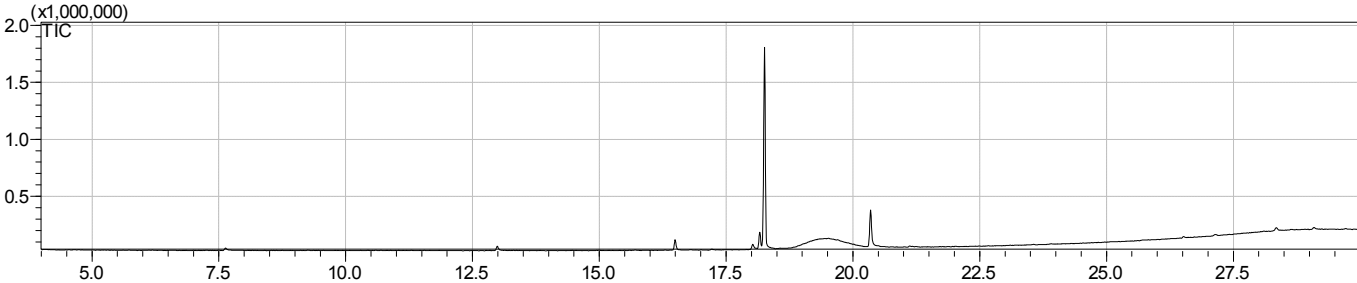


### IR spectrum of 6-chloro-3-hydroxy-3-phenyl-indan-1,2-dione (Cl-3HF dione)

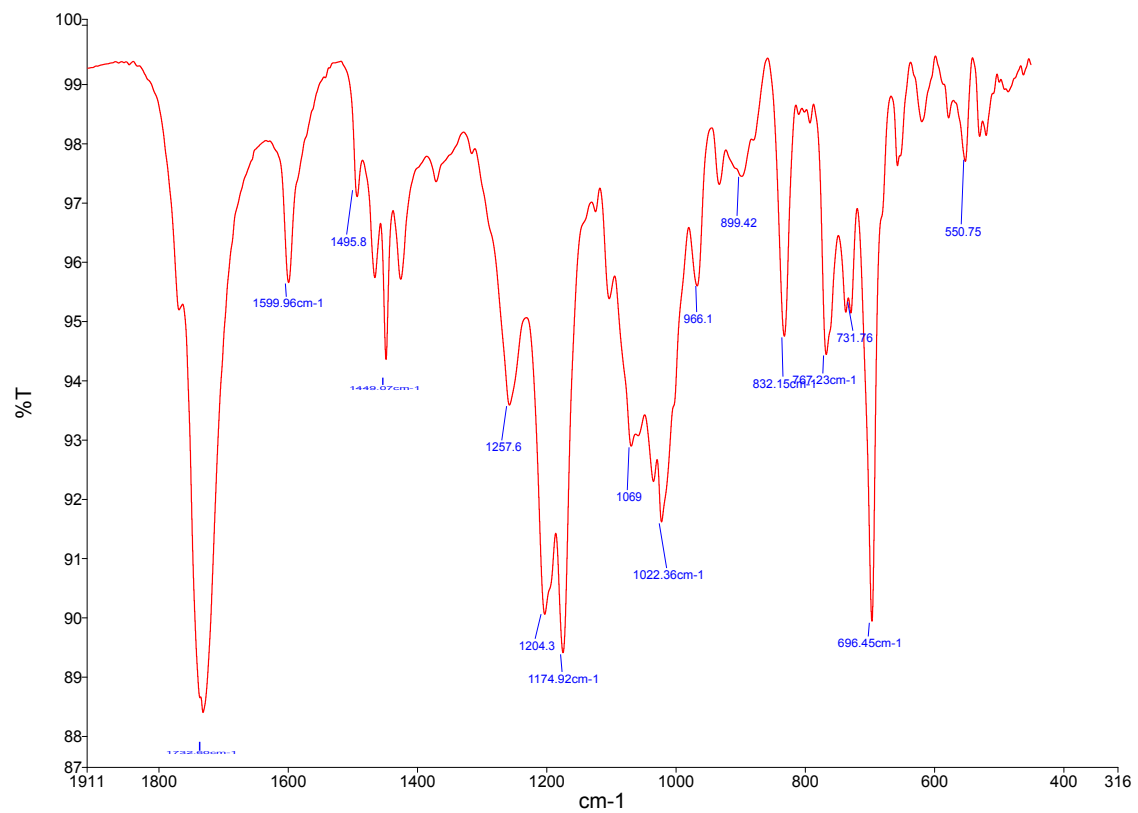




**GC-MS analysis of 6-chloro-3-hydroxy-3-phenyl-indan-1,2-dione (Cl-3HF dione)**



**IR spectrum of 2,3-epoxy-2-hydroxy-1-indanone (epoxide) in the key spectral region**



### GC-MS analysis of the photoproduct(s) of Cl-3HF photolysed (6 hrs) solution in ACN

