

# **Isolation of Acacetin from *Calea urticifolia* with Inhibitory Properties against Human Monoamine Oxidase-A and -B**

Narayan D. Chaurasiya,<sup>†,#</sup> Vedanjali Gogineni,<sup>‡,#</sup> Khaled M. Elokely,<sup>§,⊥</sup> Francisco León,<sup>‡</sup> Marvin J. Nuñez,<sup>||</sup> Michael L. Klein,<sup>§</sup> Larry A. Walker,<sup>†‡</sup> Stephen J. Cutler,<sup>‡</sup> and Babu L. Tekwani<sup>\*,†,‡</sup>

<sup>†</sup>National Center for Natural Products Research and <sup>‡</sup>Department of BioMolecular Sciences, School of Pharmacy, The University of Mississippi, University, MS 38677, United State

<sup>§</sup>Institute for Computational Molecular Science and Department of Chemistry, Temple University, Philadelphia, Pennsylvania 19122, United States

<sup>⊥</sup>Department of Pharmaceutical Chemistry, Tanta University, Tanta 31527, Egypt

<sup>||</sup>Laboratorio de Investigación en Productos Naturales, Facultad de Química y Farmacia, University of El Salvador, San Salvador, El Salvador

<sup>#</sup>N. D. Chaurasiya and V. Gogineni contributed equally to this study.

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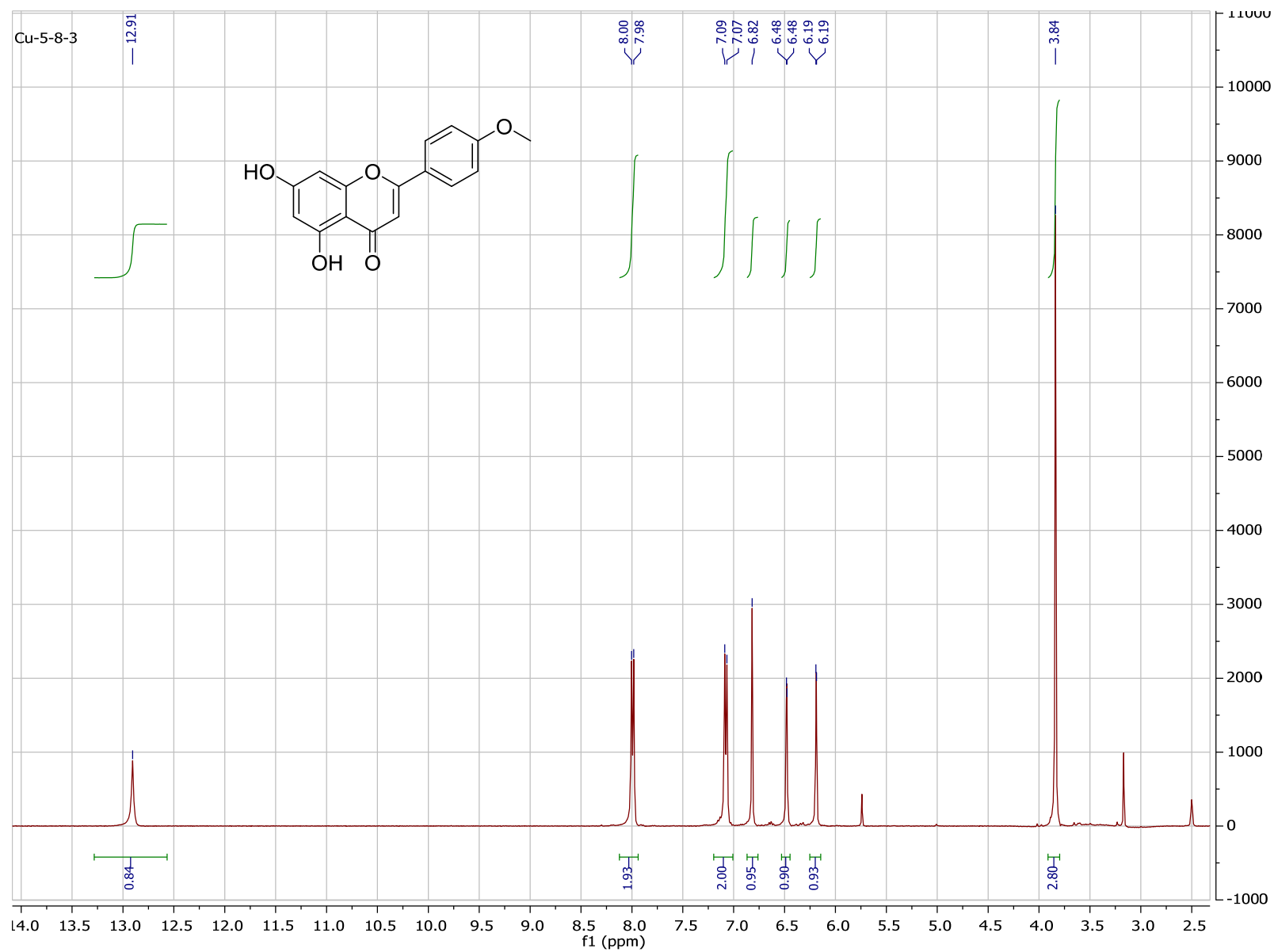


Figure S1.  $^1\text{H}$  NMR spectrum of compound 1.

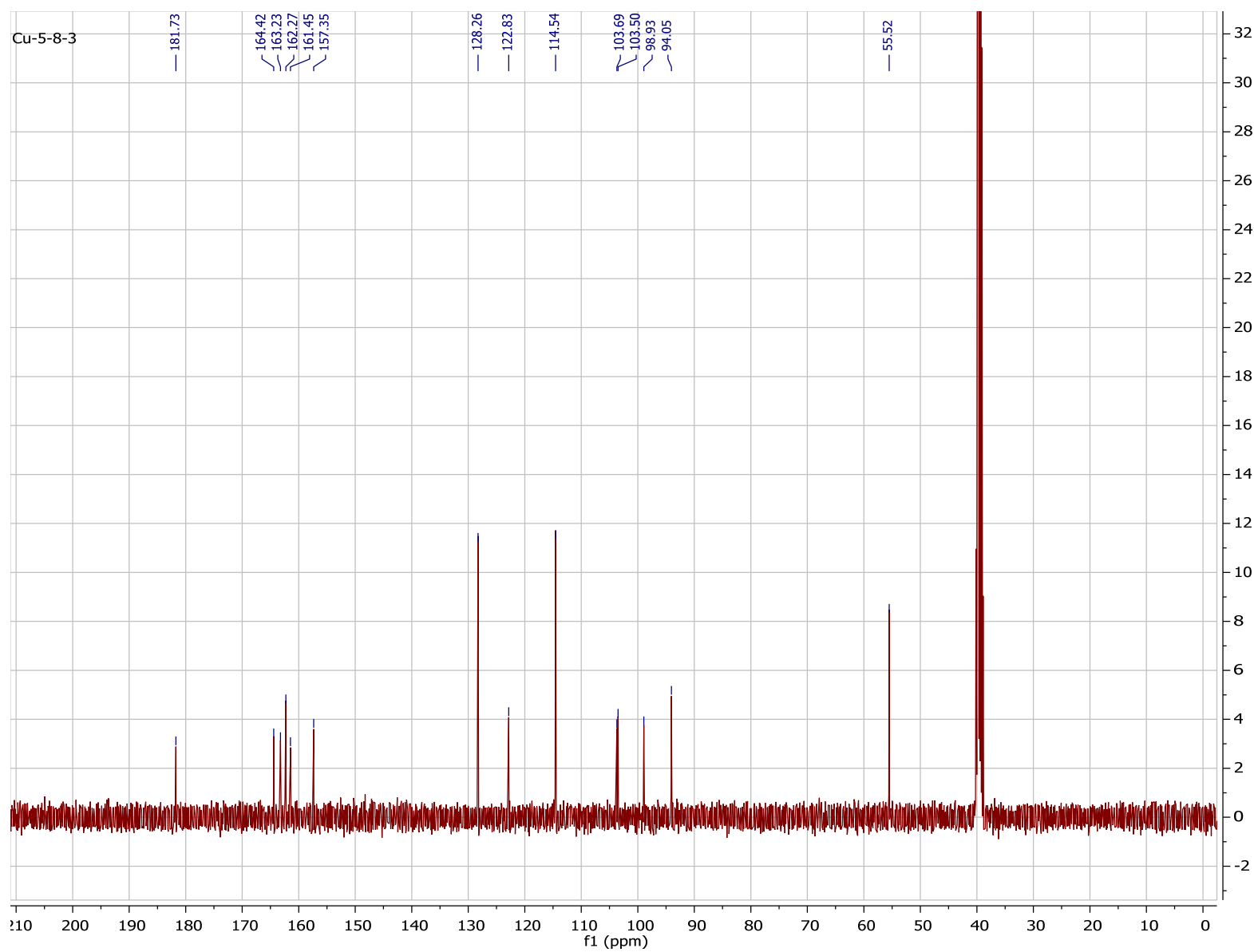


Figure S2. .  $^{13}\text{C}$  NMR spectrum of compound 1.

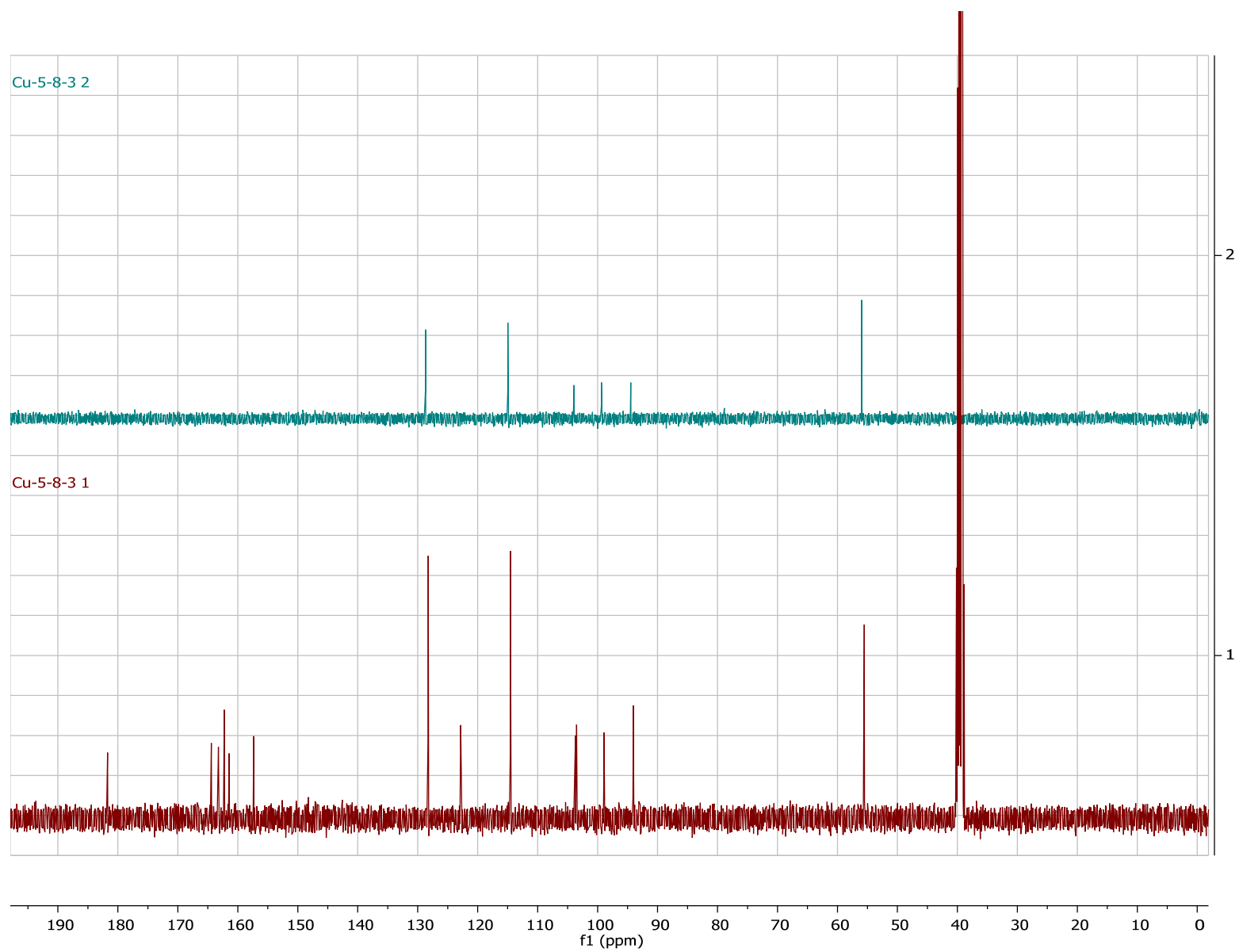
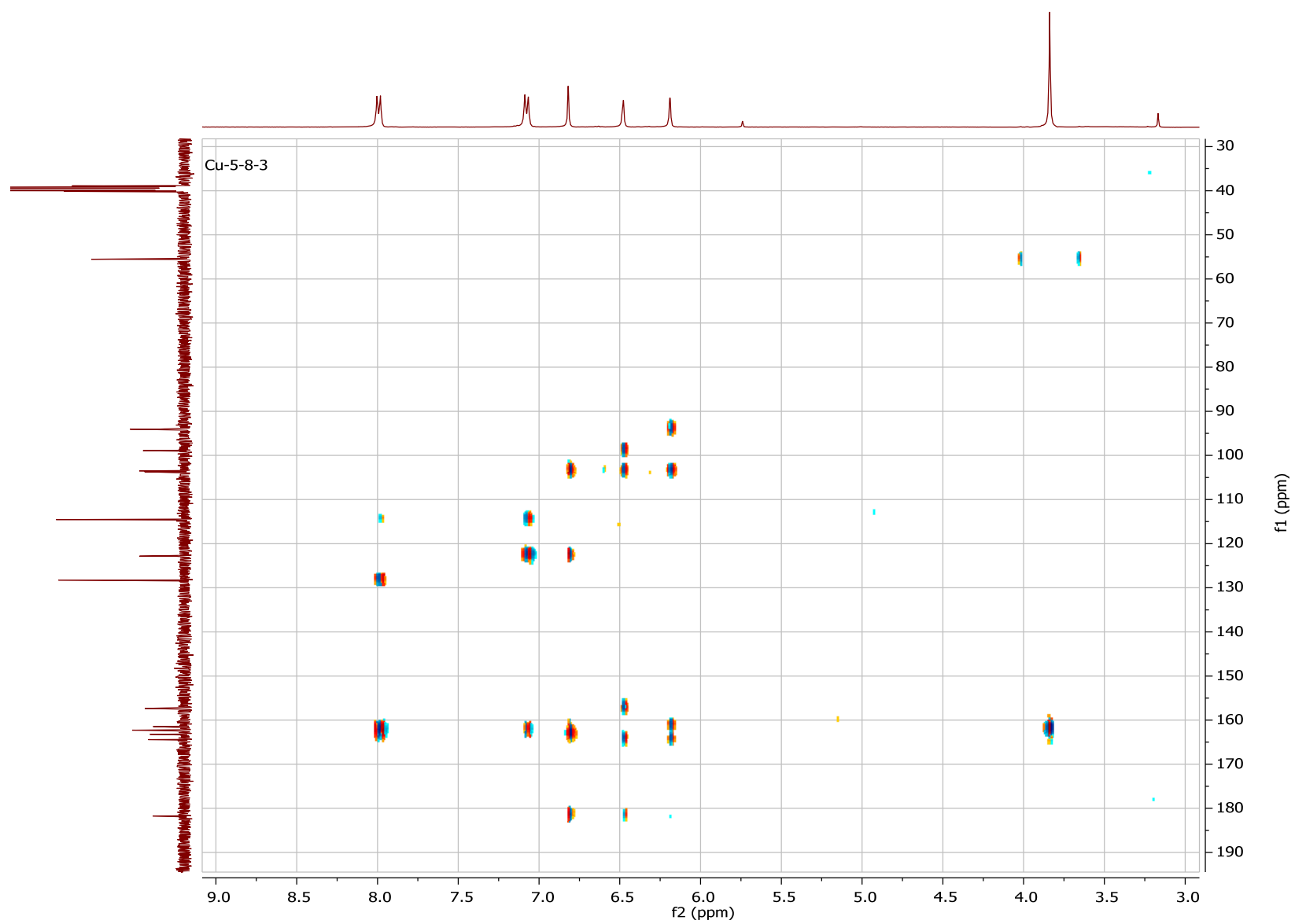
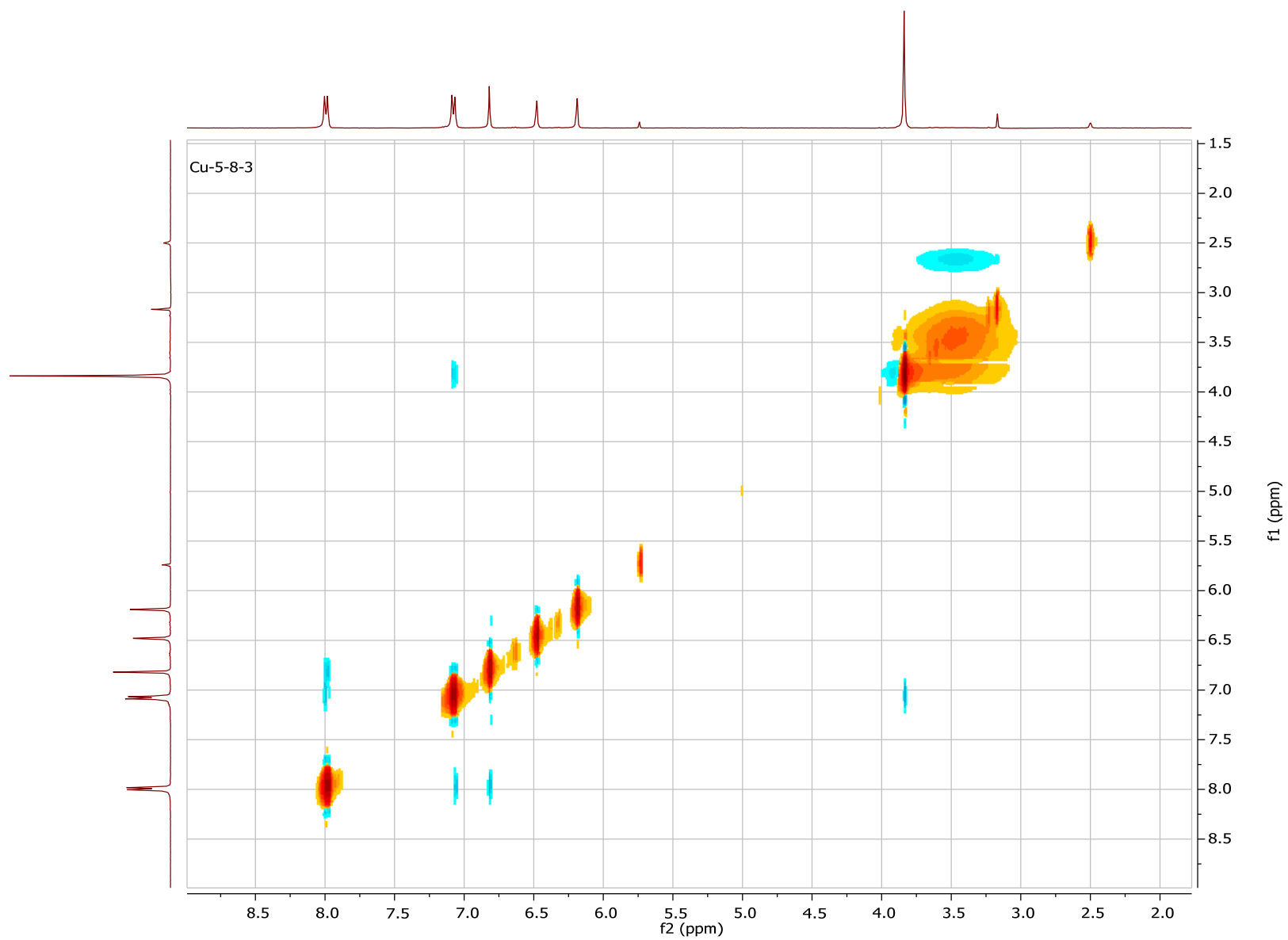


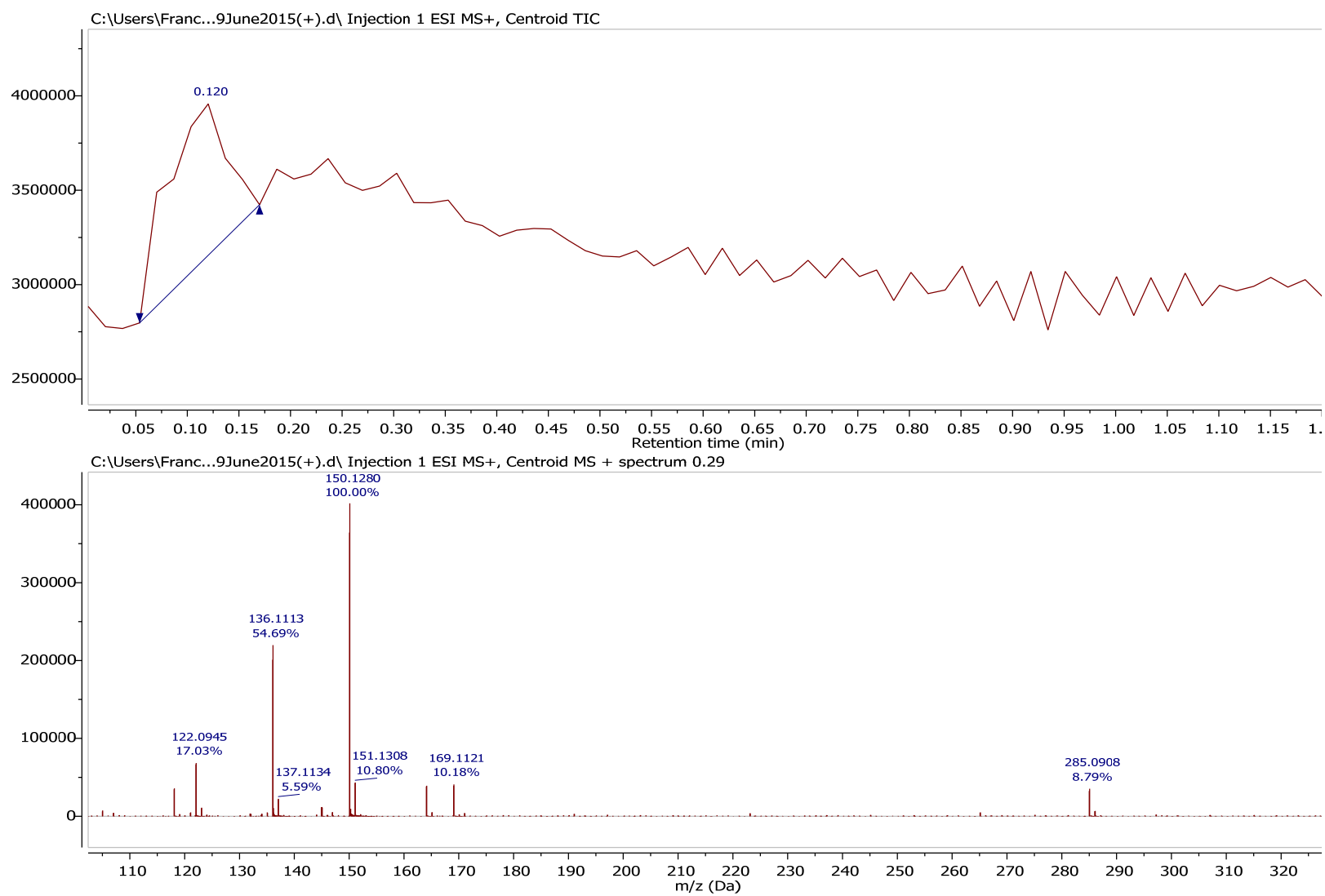
Figure S3.  $^{13}\text{C}$  NMR and DEPT135 experiment of compound 1.



**Figure S4. HMBC experiment of compound 1.**



**Figure S5. NOESY experiment of compound 1.**



**Figure S6. HRESIMS (+) for compound 1.**



**Table S1.** Docking score for the related flavonoids

<b>Compounds</b>	<b>Monoamine Oxidase-A</b> (Kcal/mol)	<b>Monoamine Oxidase-B</b> (Kcal/mol)
Acacetin	-6.2	-8.1
Apigenin	-6.0	-5.6
Quercetin	-5.7	-5.1
Galangin	-6.2	-5.4
Naringenin	-4.5	-4.9