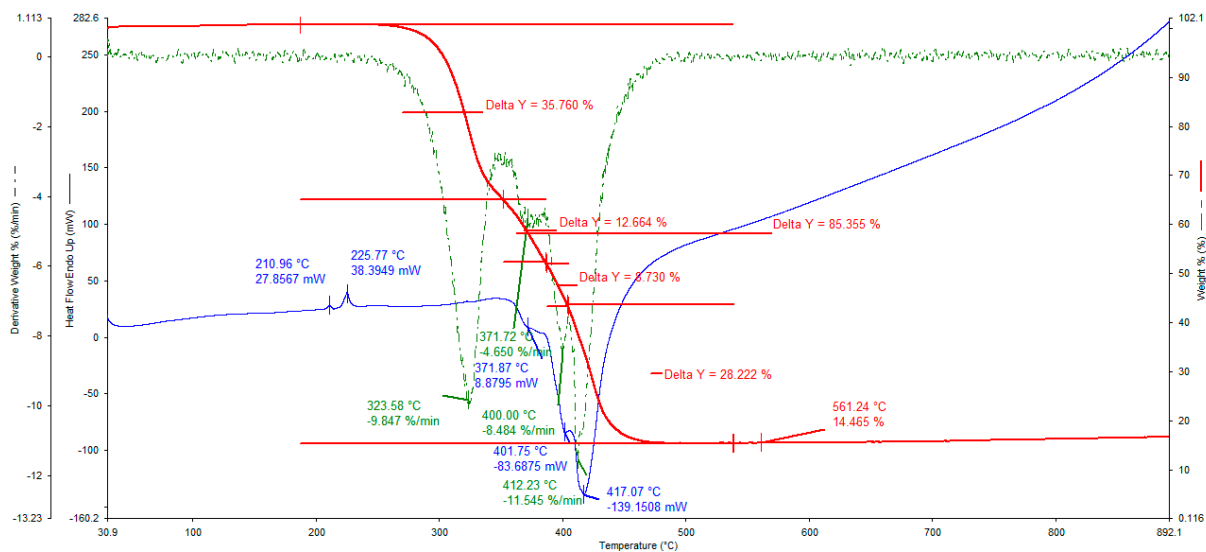
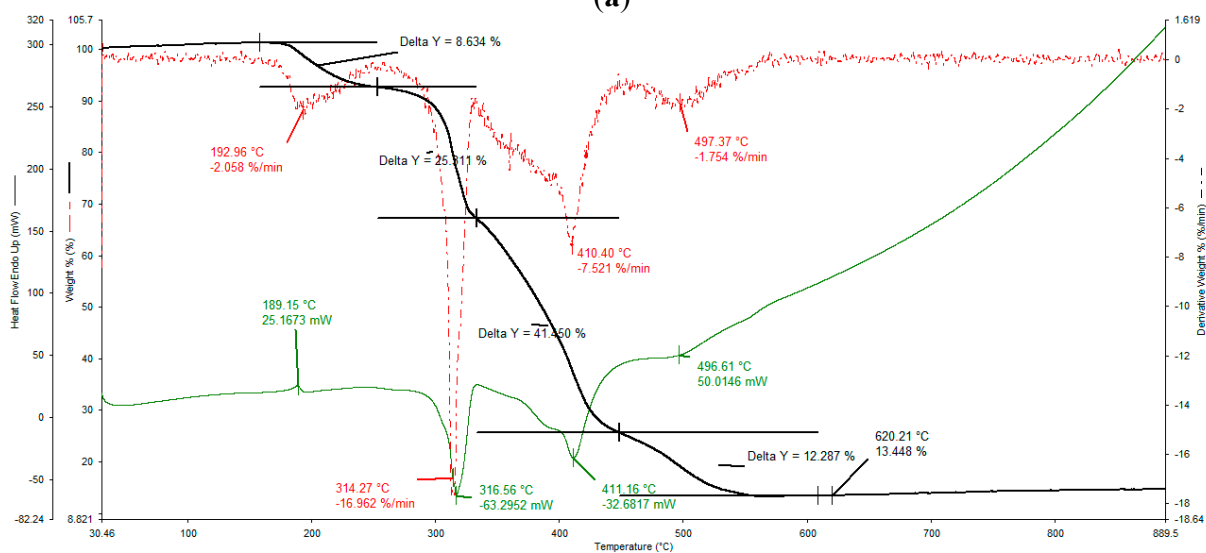


Supplementary Materials



(a)



(b)

Figure S1. Thermogravimetric analysis complexes of (a) 2, and (b) 4.

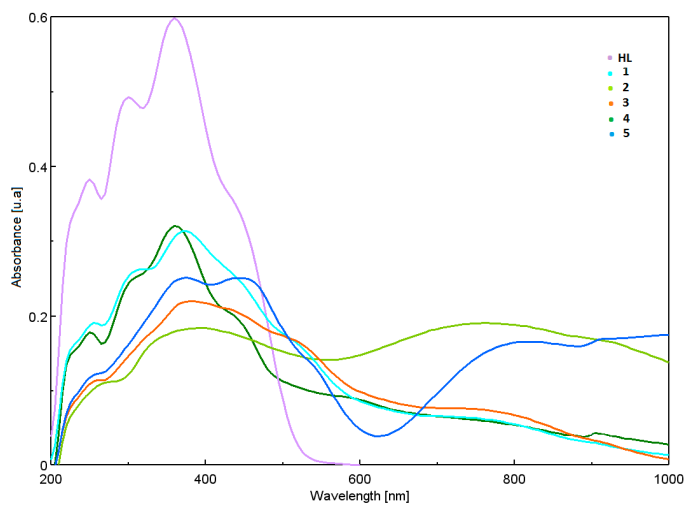


Figure S2. Electronic spectra of complexes 1–5.

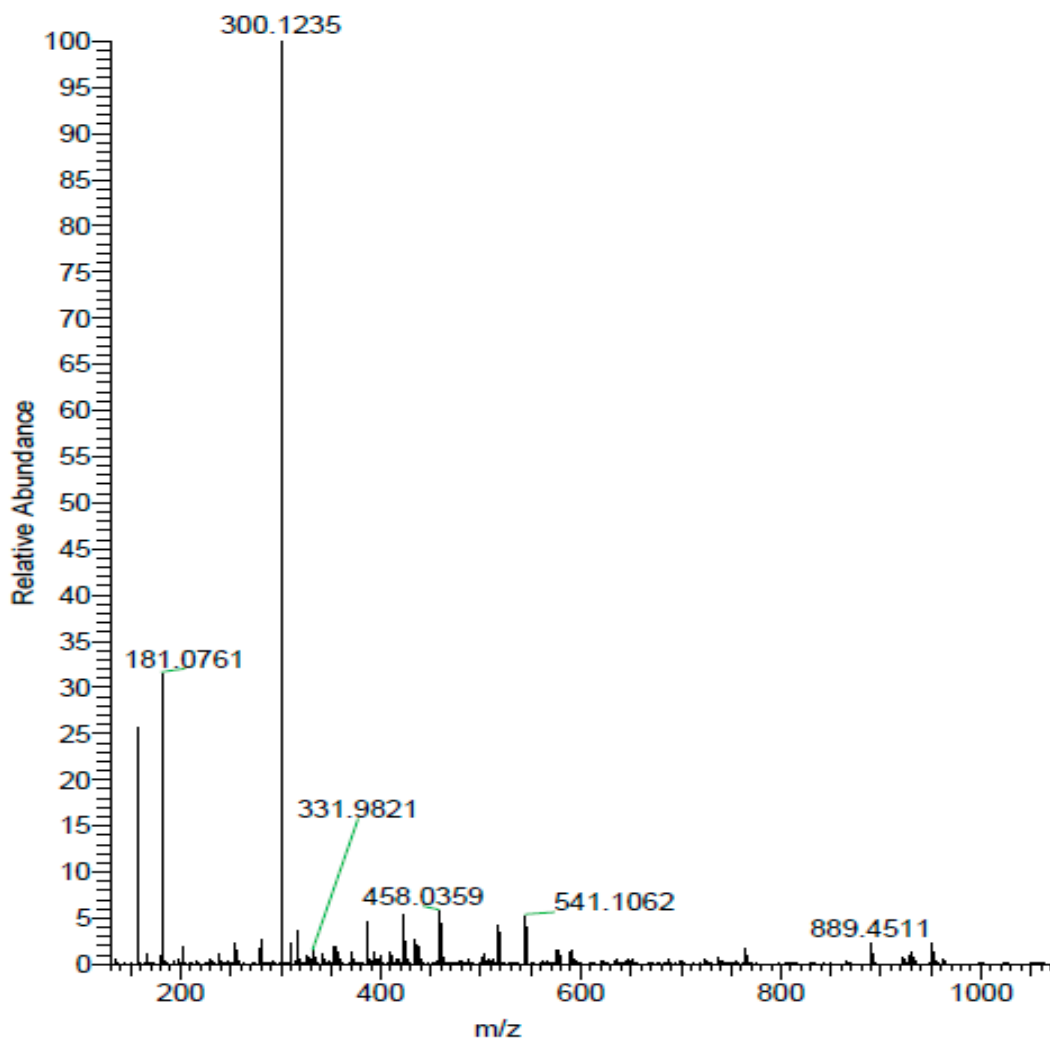


Figure S3. Mass spectra of Schiff base (HL).

Table S1. FAB mass spectral data of complexes 1–5.

Molecular Formula	Mw (g/mol)	Molecular Ion Peak [M] ⁺	The Peaks due to Complex Fragmentation			
[Cu(L)(NO ₃)(H ₂ O) ₂] (1)	459.5	386.9	253.9	308.9	331.9	343.1
[Cu(L) ₂] (2)	659.5	658.0	308.9	355.9	506.5	576.0
[Cu(L)(OAc)] (3)	420.5	399.1	300.1	334.2	366.2	383.2
[Cu ₂ (L) ₂ Cl ₂ (H ₂ O) ₄] (4)	866	759.0	300.1	331.9	461.6	544.8
[Cu(L)(ClO ₄)(H ₂ O)] (5)	479	361.0	257.9	286.1	317.9	343.1