

Supporting Information

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Figure S1. HPLC chromatogram of pure reduced MBHP.

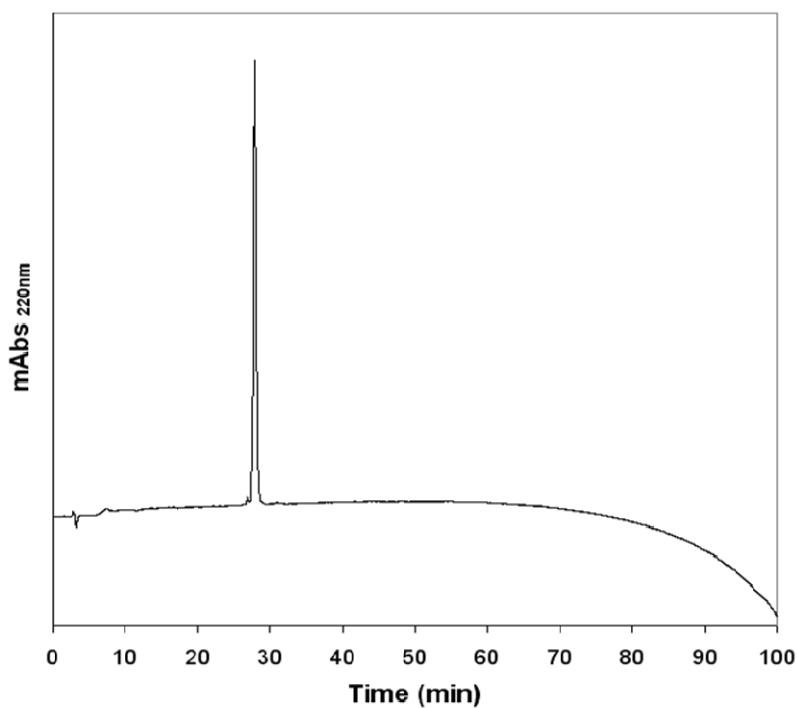


Figure S2. ESI-MS spectrum of pure reduced MBHP.

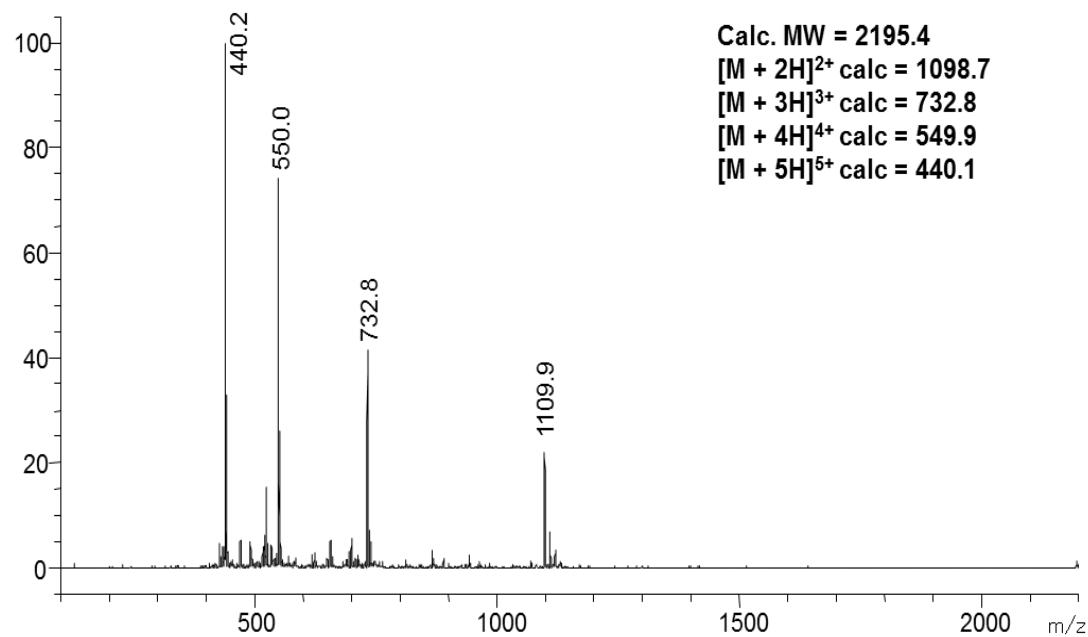


Figure S3. ESI-MS spectra of metal-MBHP complexes: (A) MeAs-MBHP, (B) Hg²⁺-MBHP, (C) Cd²⁺-MBHP, (D) Pb²⁺-MBHP, and (E) Zn²⁺-MBHP.

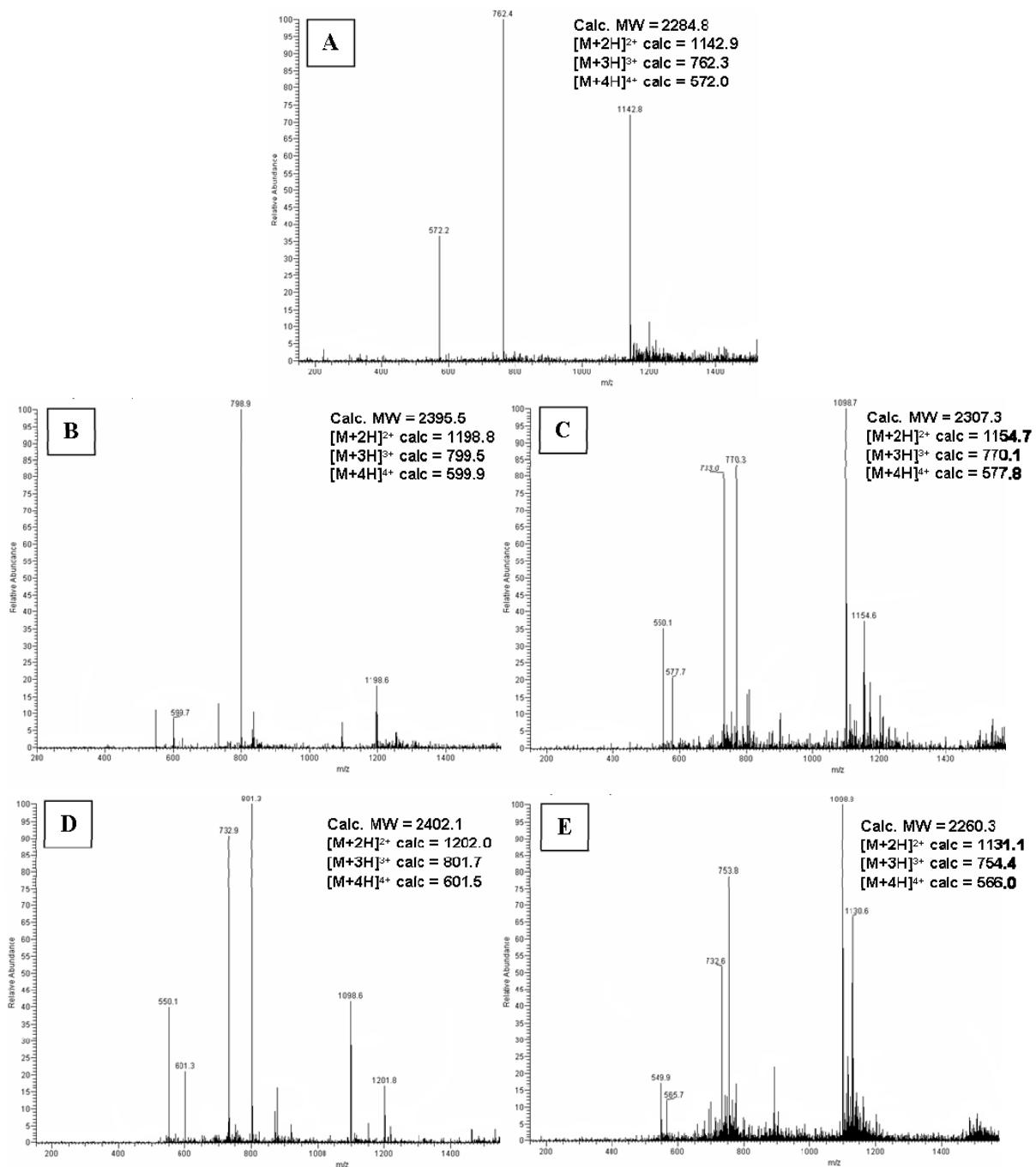


Figure S4. HPLC chromatogram of pure oxidized MBHP.

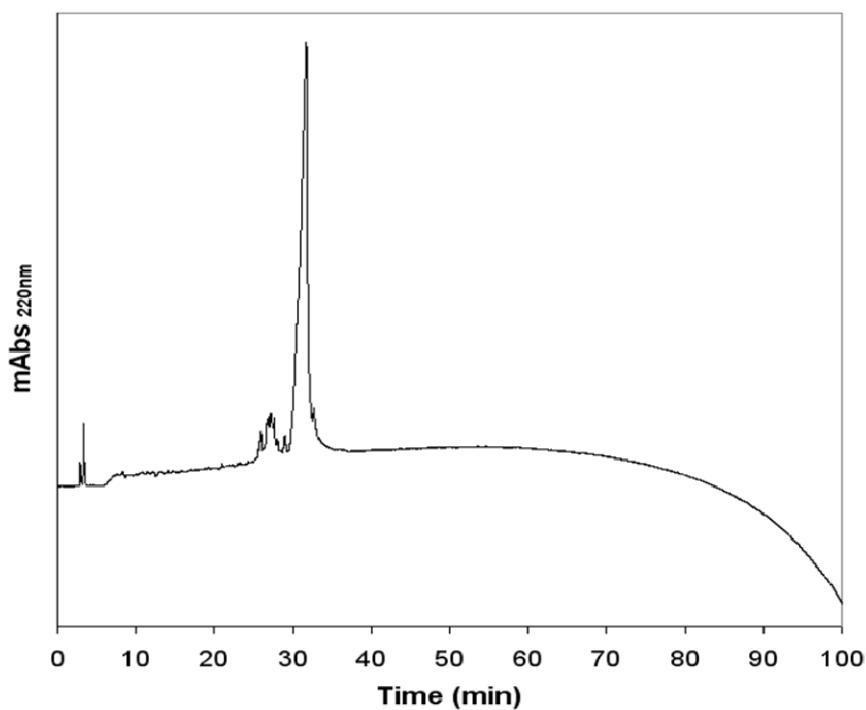


Figure S5. ESI-MS spectrum of pure oxidized MBHP.

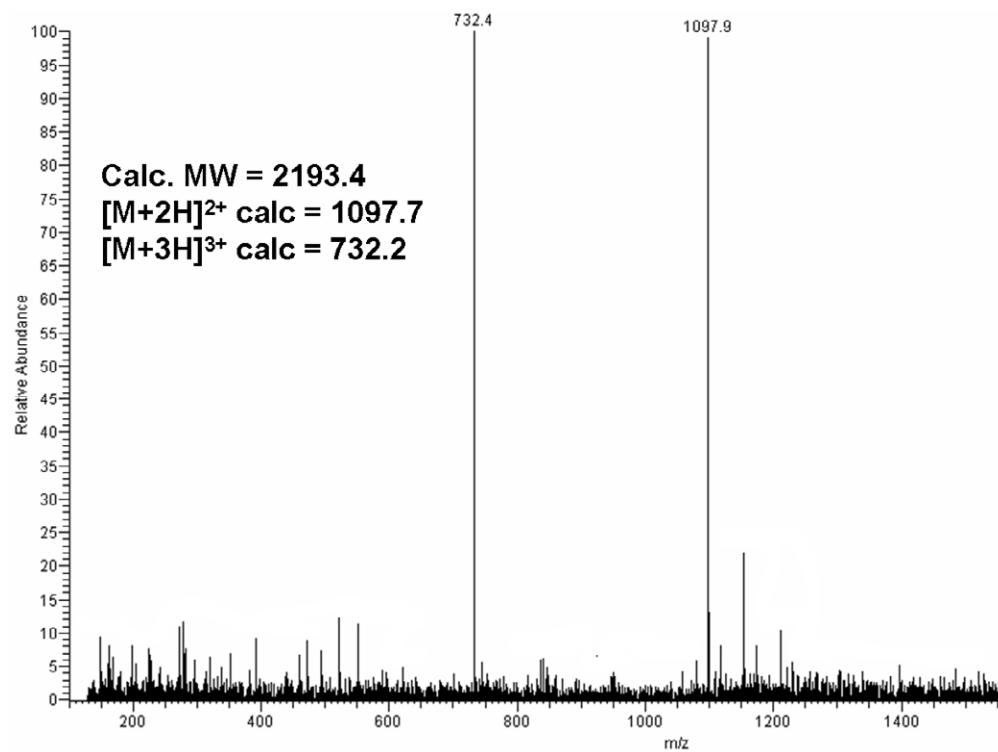


Figure S6. CD spectra of 1 wt% metal-MBHP complexes in pH 7.4 buffer (50 mM BTP, 150 mM NaCl) at 25°C in the (A) absence and presence of 1.0 equivalent of (B) MMA, (C) ZnCl₂, (D) CdCl₂, (E) HgCl₂ and (F) Pb(NO₃)₂ after 1 min and 10 min.

