

10.1071/CH10068_AC

© CSIRO 2010

Australian Journal of Chemistry 2010, 63(6), 929–934

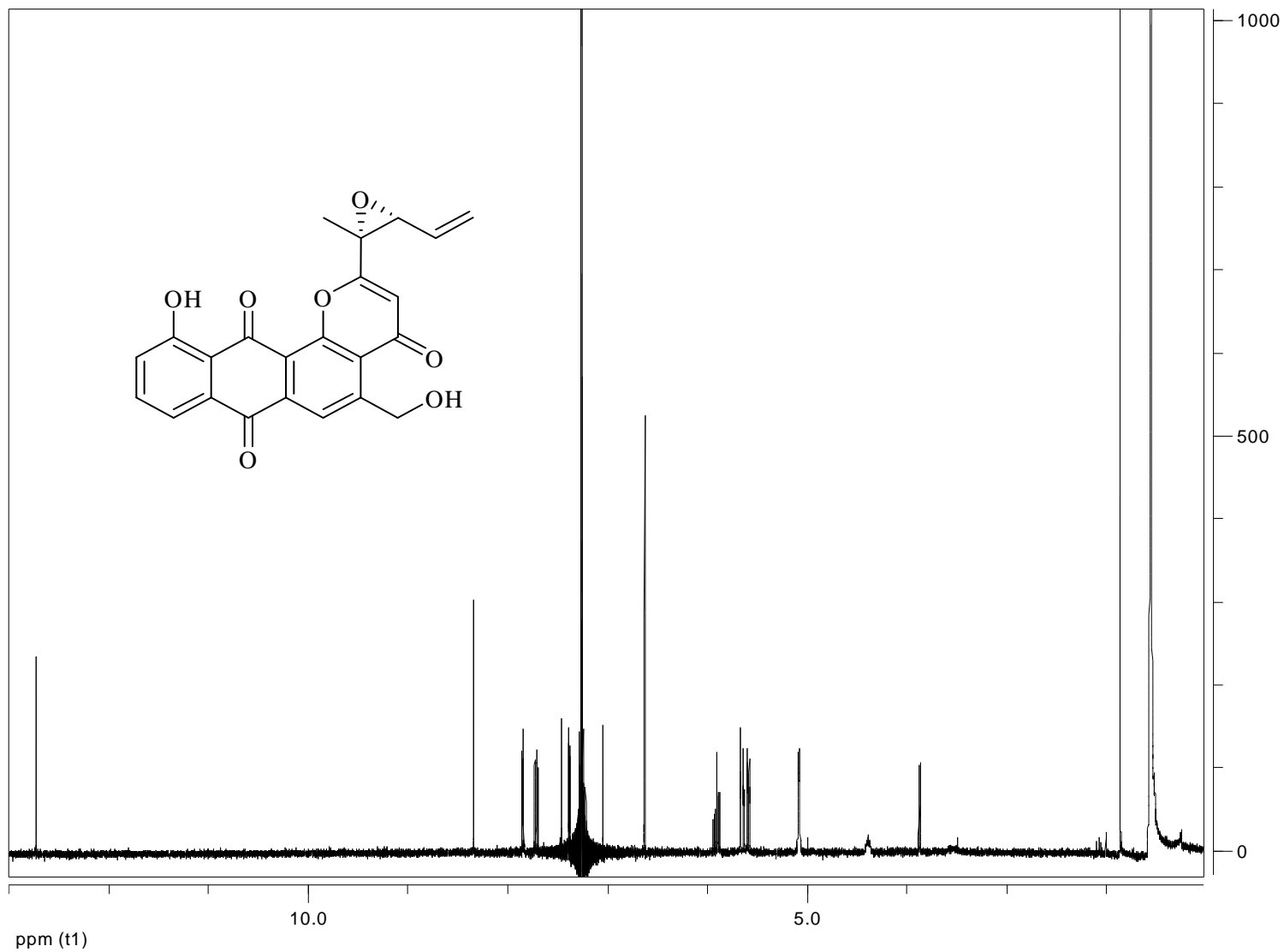
Saliniquinones A-F, Anthraquinone- γ -pyrones from *Salinispora arenicola*

Brian T. Murphy, Tadigoppula Narender, Christopher A. Kauffman, Matthew Woolery, Paul R. Jensen, and William Fenical

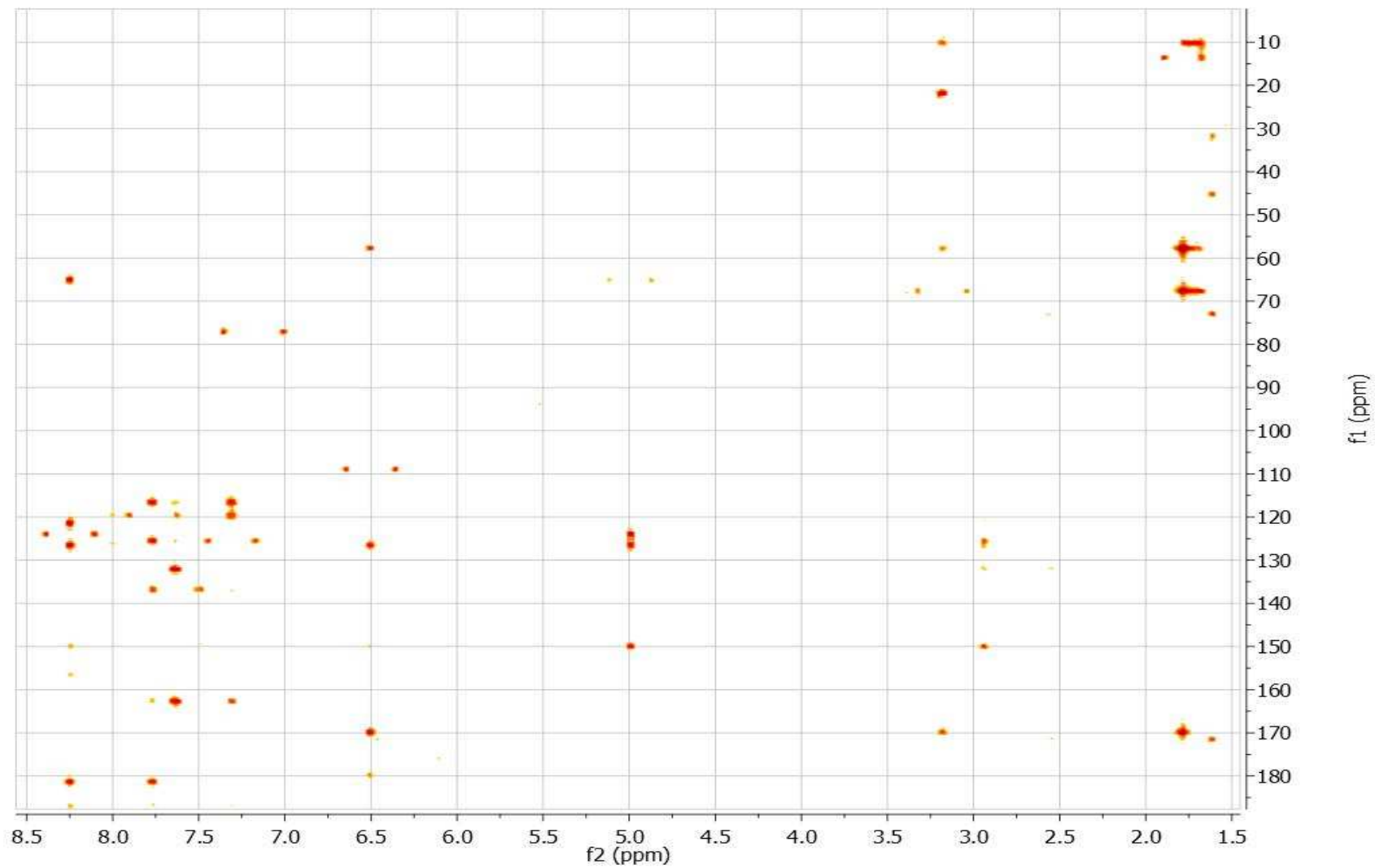
*Center for Marine Biotechnology and Biomedicine, Scripps Institution of Oceanography, University of California – San Diego,
La Jolla, California 92093-0204*

Accessory Publication.

Saliniquinone A (1). ^1H NMR (600 MHz; CDCl_3).

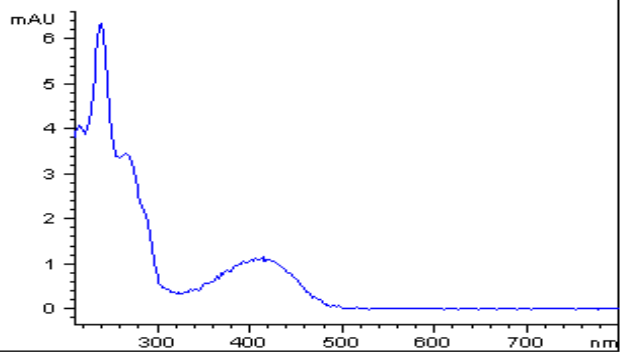


Saliniquinone A (1). HMBC Spectrum (600 MHz; CDCl₃).

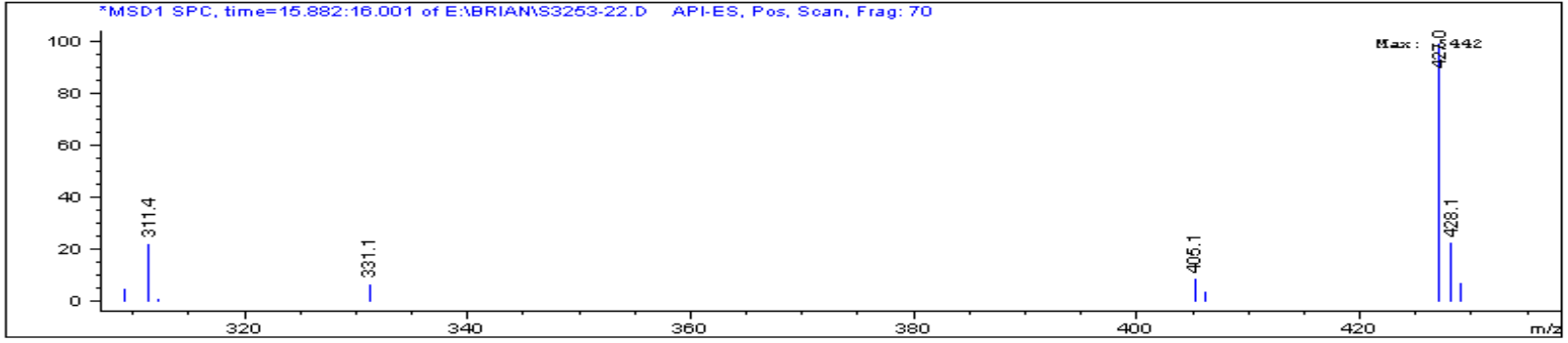


Saliniquinone A (1). UV and Mass (ESI) Spectra.

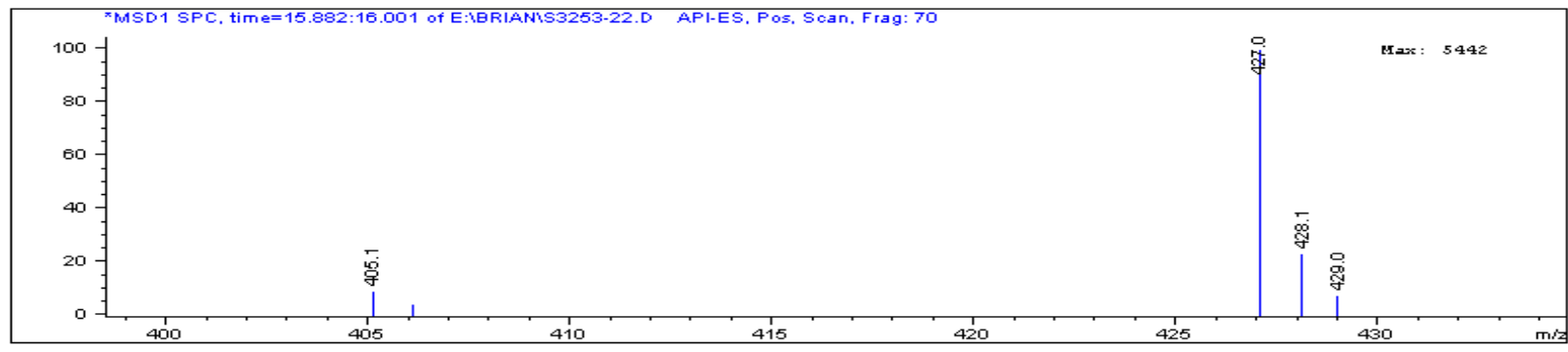
*DAD1, 15.851 (6.4 mAU, -) Ref=15.731 & 16.105 of S32



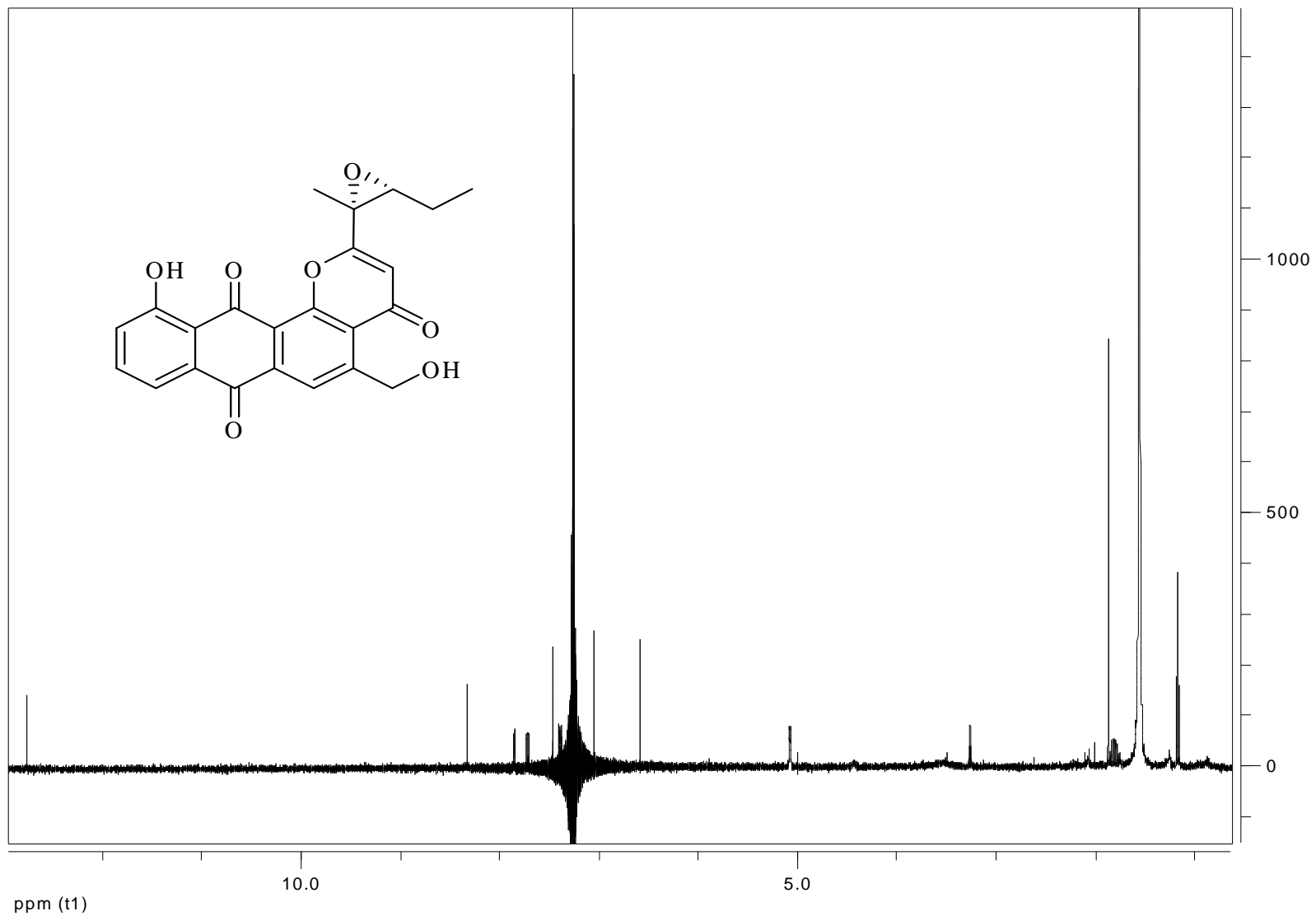
*MSD1 SPC, time=15.882:16.001 of E:\BRIAN\S3253-22.D API-ES, Pos, Scan, Frag: 70



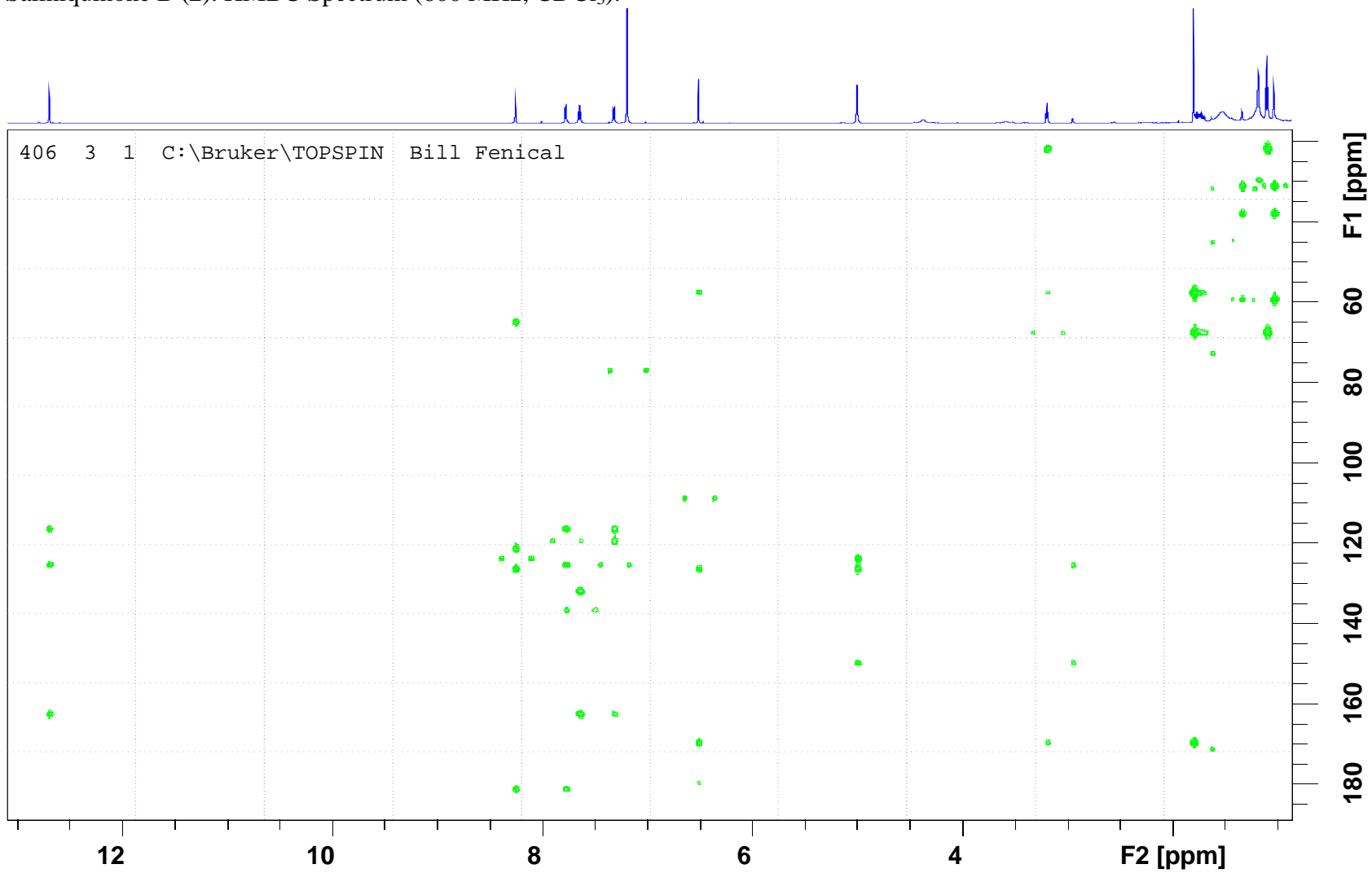
*MSD1 SPC, time=15.882:16.001 of E:\BRIAN\S3253-22.D API-ES, Pos, Scan, Frag: 70



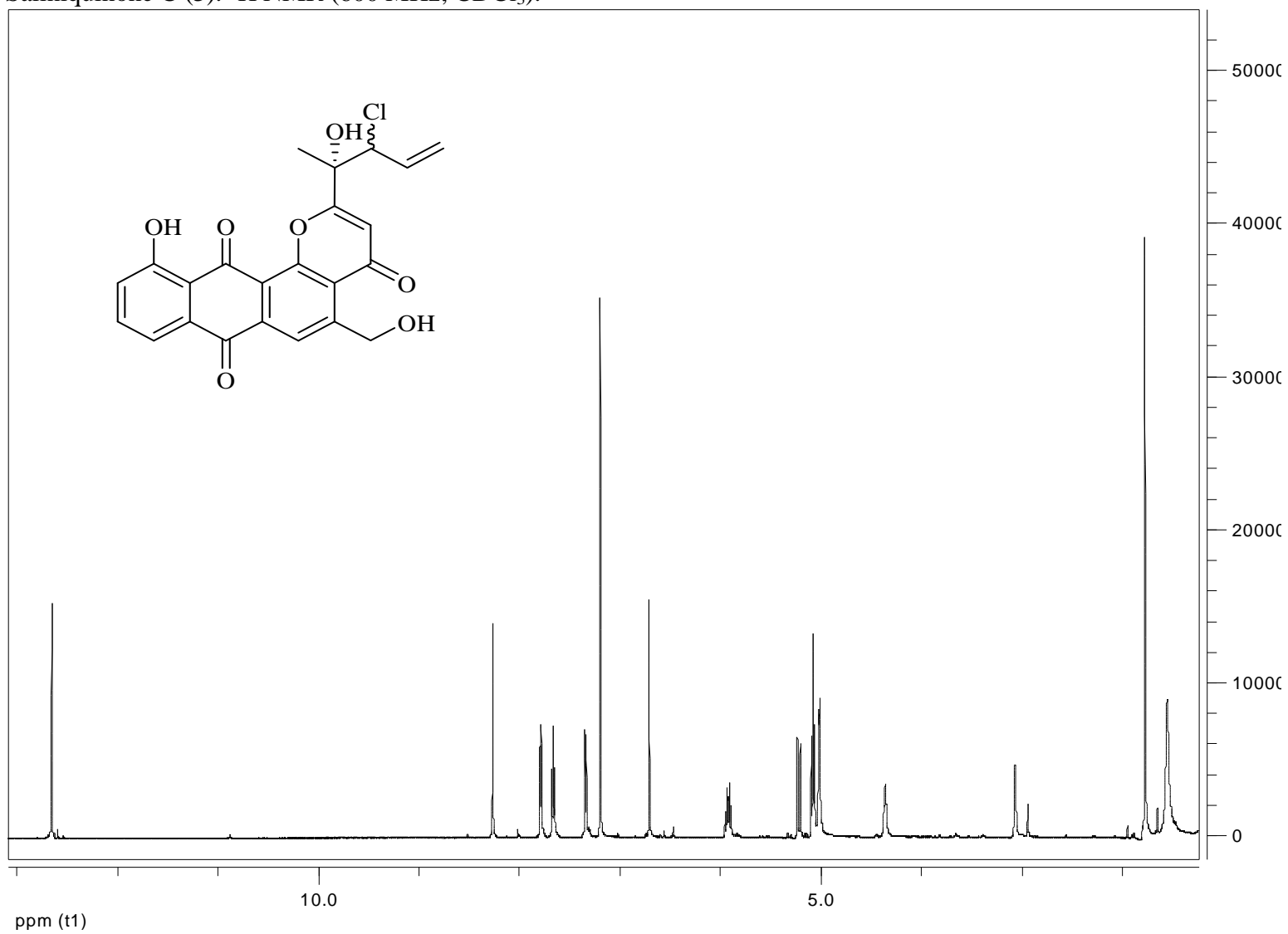
Saliniquinone B (2). ^1H NMR (600 MHz; CDCl_3).



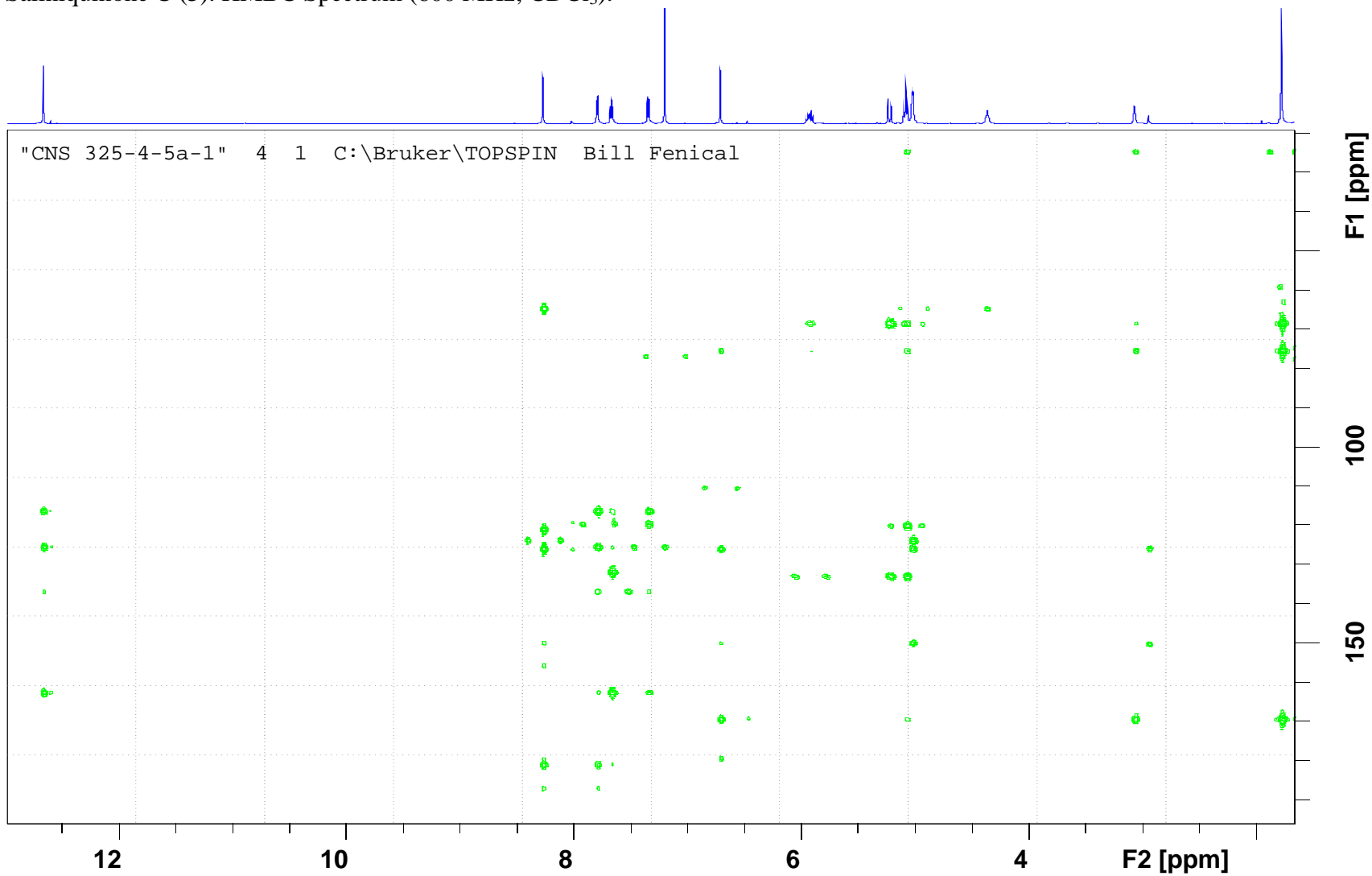
Saliniquinone B (2). HMBC Spectrum (600 MHz; CDCl₃).



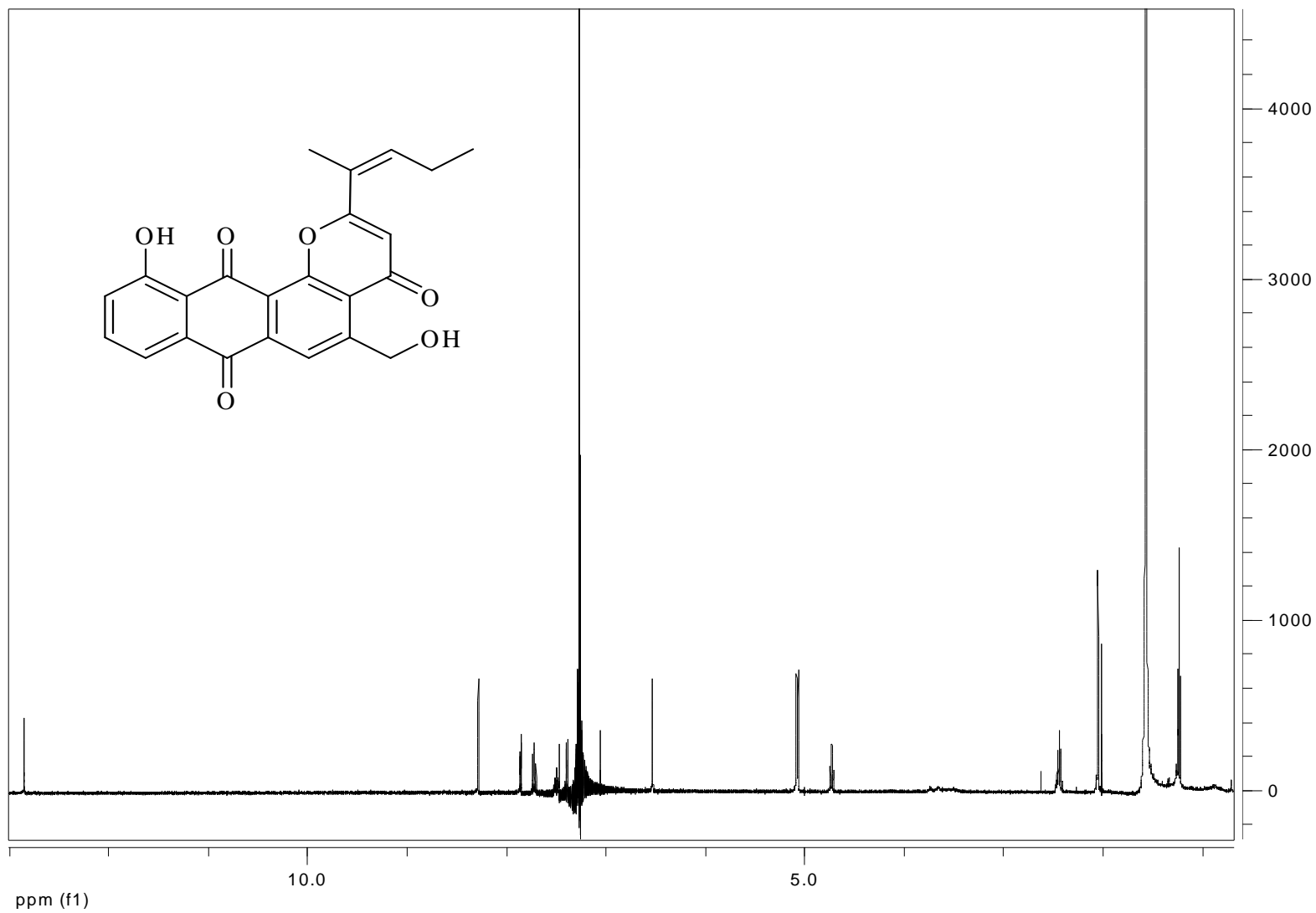
Saliniquinone C (**3**). ^1H NMR (600 MHz; CDCl_3).



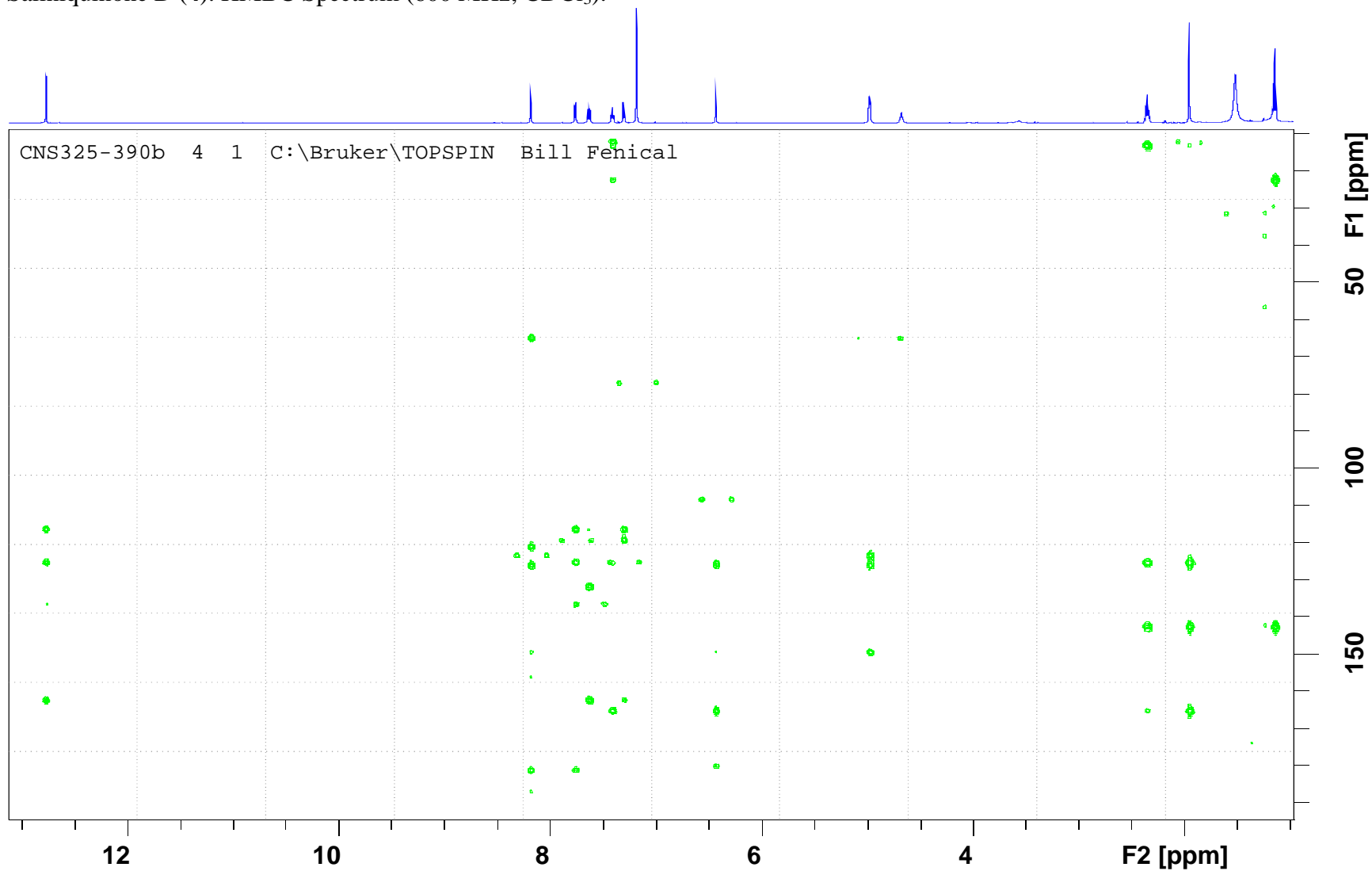
Saliniquinone C (3). HMBC Spectrum (600 MHz; CDCl₃).



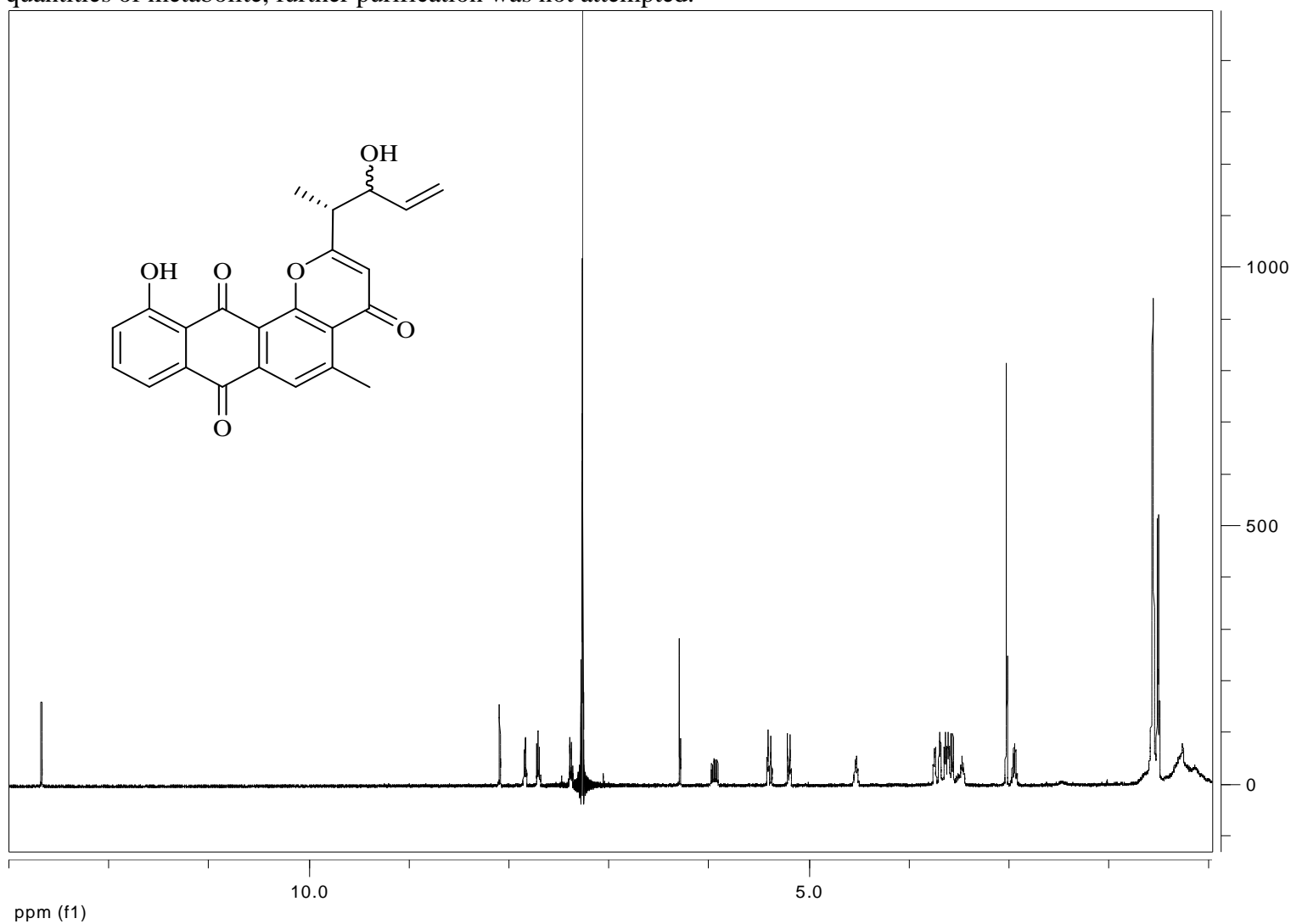
Saliniquinone D (4). ^1H NMR (600 MHz; CDCl_3).



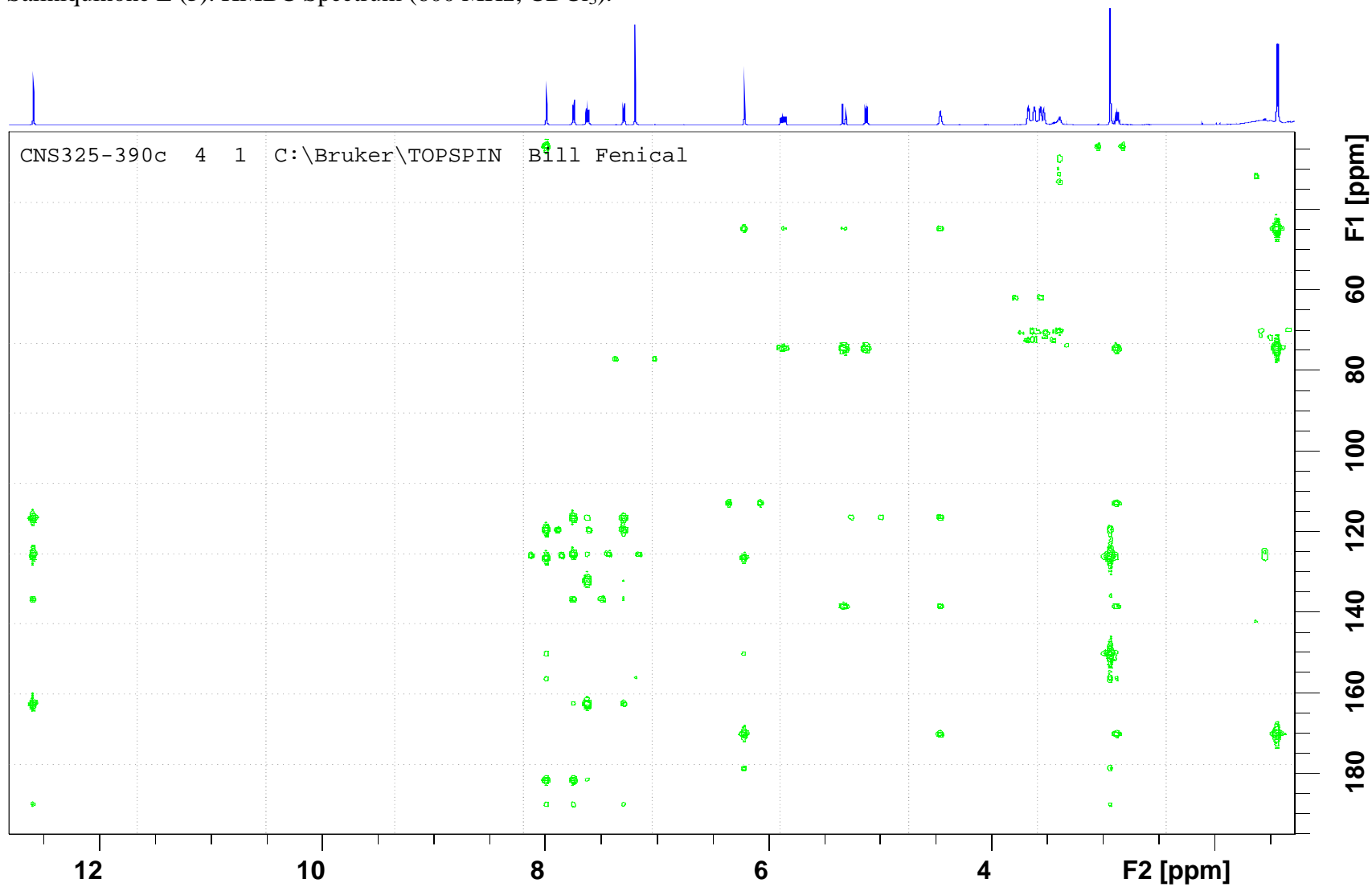
Saliniquinone D (4). HMBC Spectrum (600 MHz; CDCl₃).



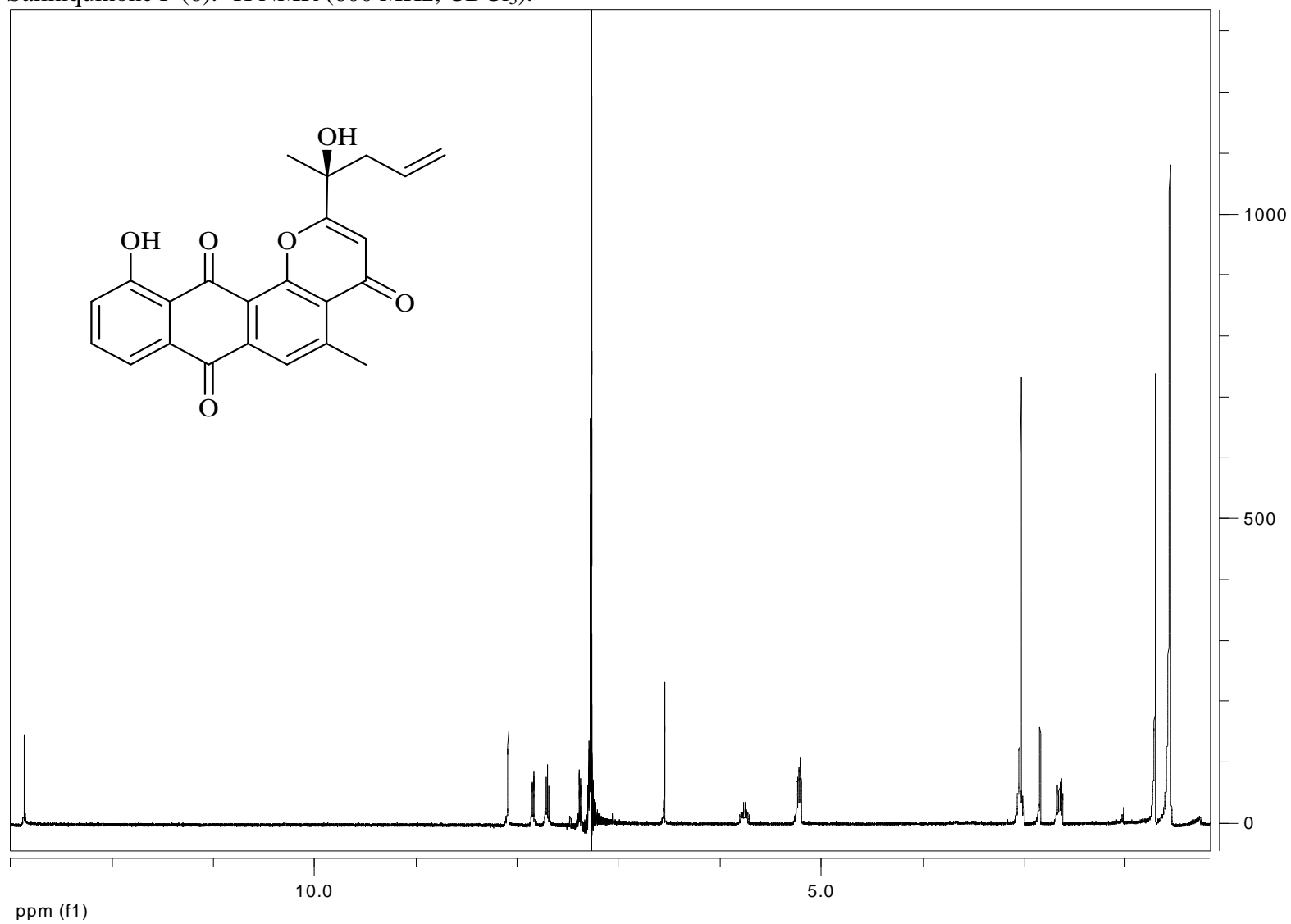
Saliniquinone E (**5**). ^1H NMR (600 MHz; CDCl_3). *Resonances observed at ~ 3.5 ppm and ~ 1.2 ppm are impurities. Due to minute quantities of metabolite, further purification was not attempted.



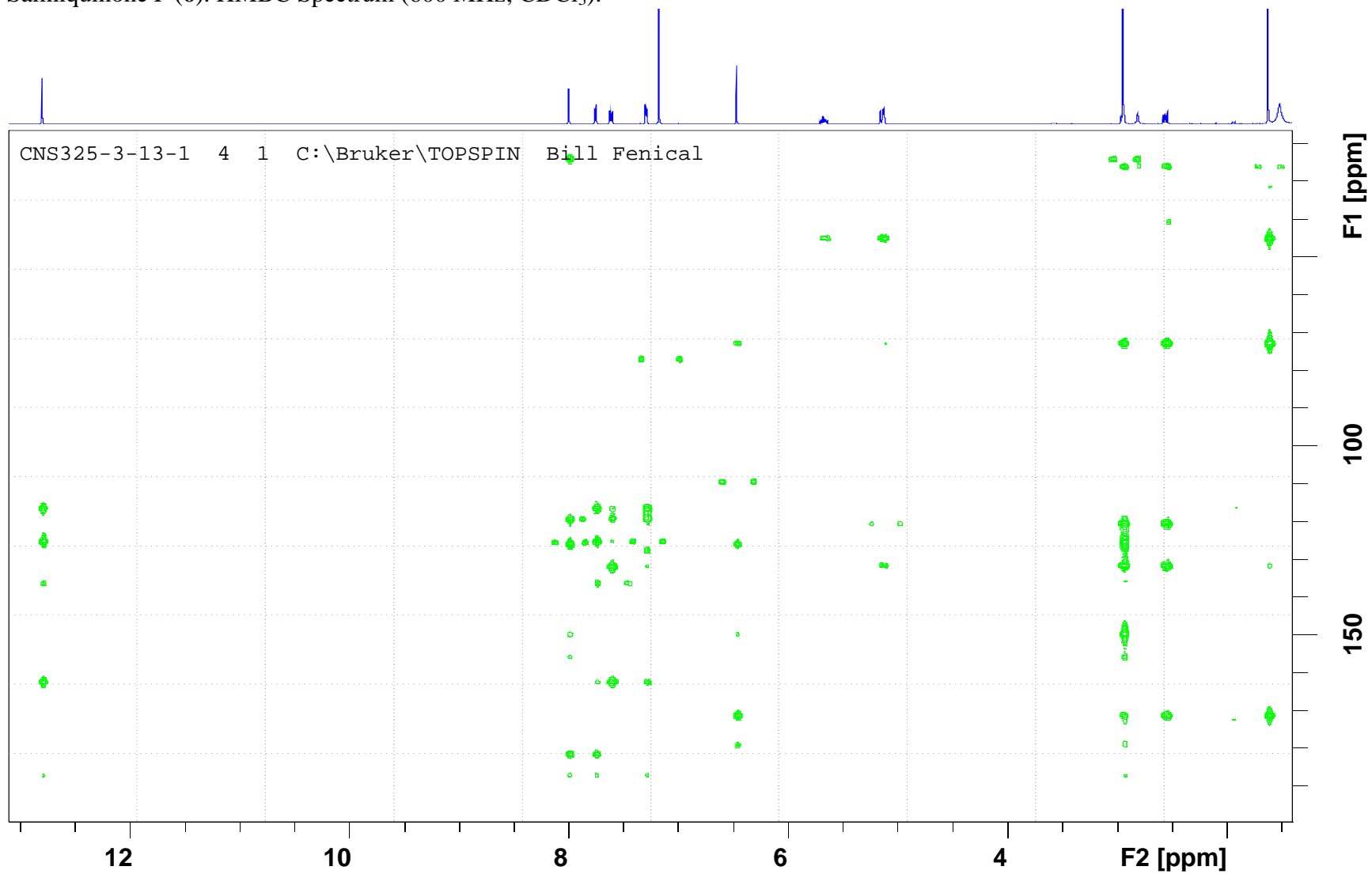
Saliniquinone E (5). HMBC Spectrum (600 MHz; CDCl₃).



Saliniquinone F (**6**). ^1H NMR (600 MHz; CDCl_3).



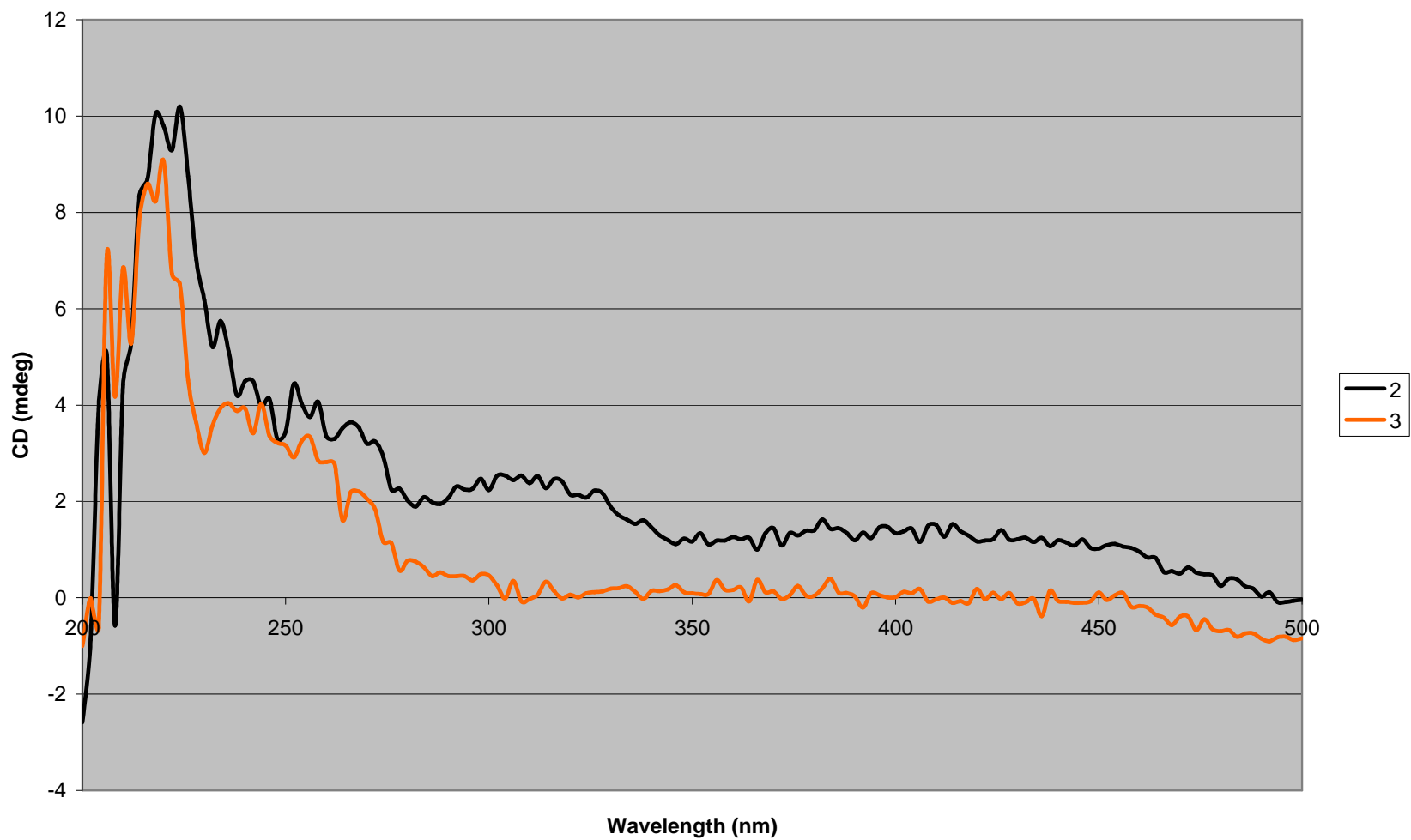
Saliniquinone F (6). HMBC Spectrum (600 MHz; CDCl₃).



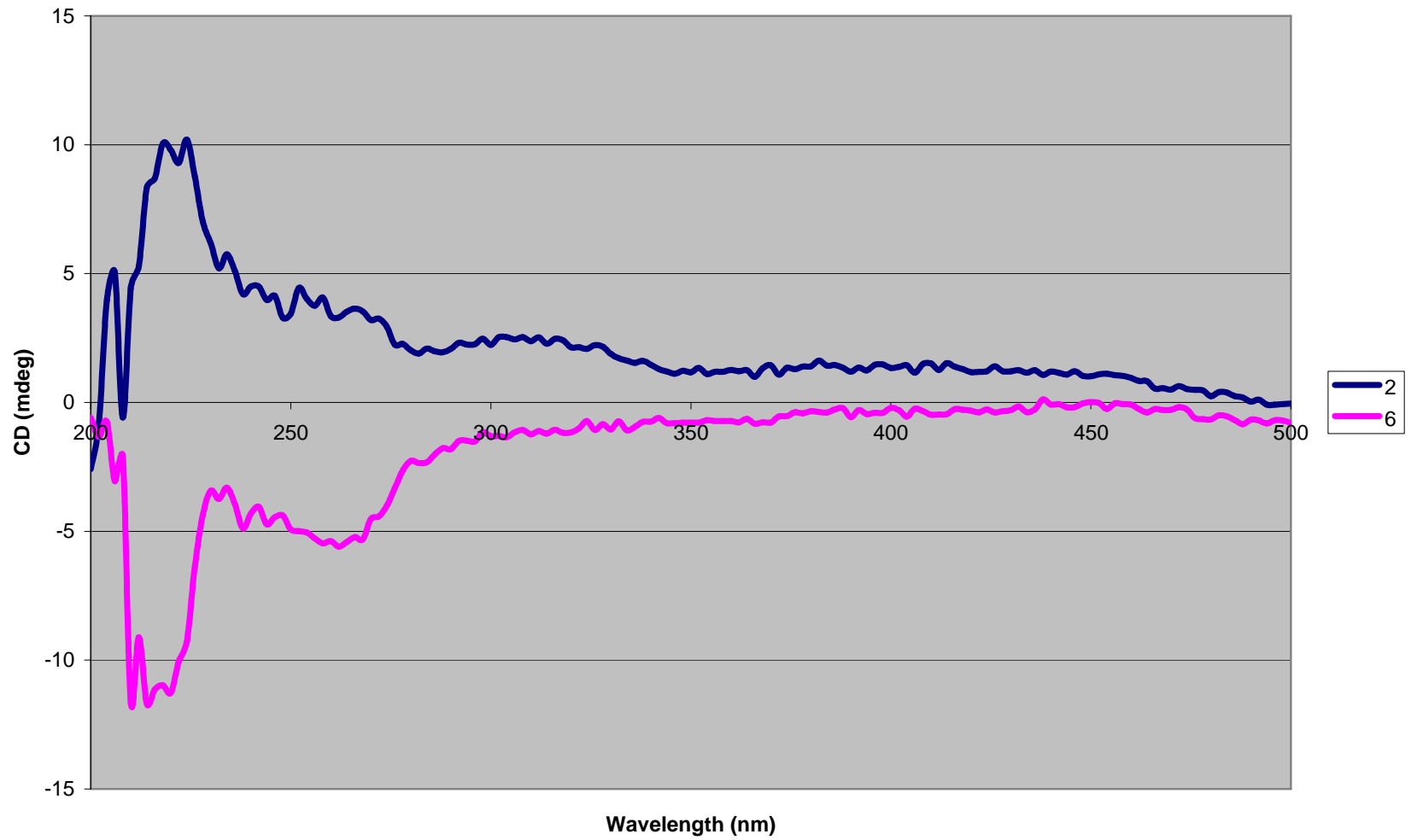
CD Comparison: 1 vs 2



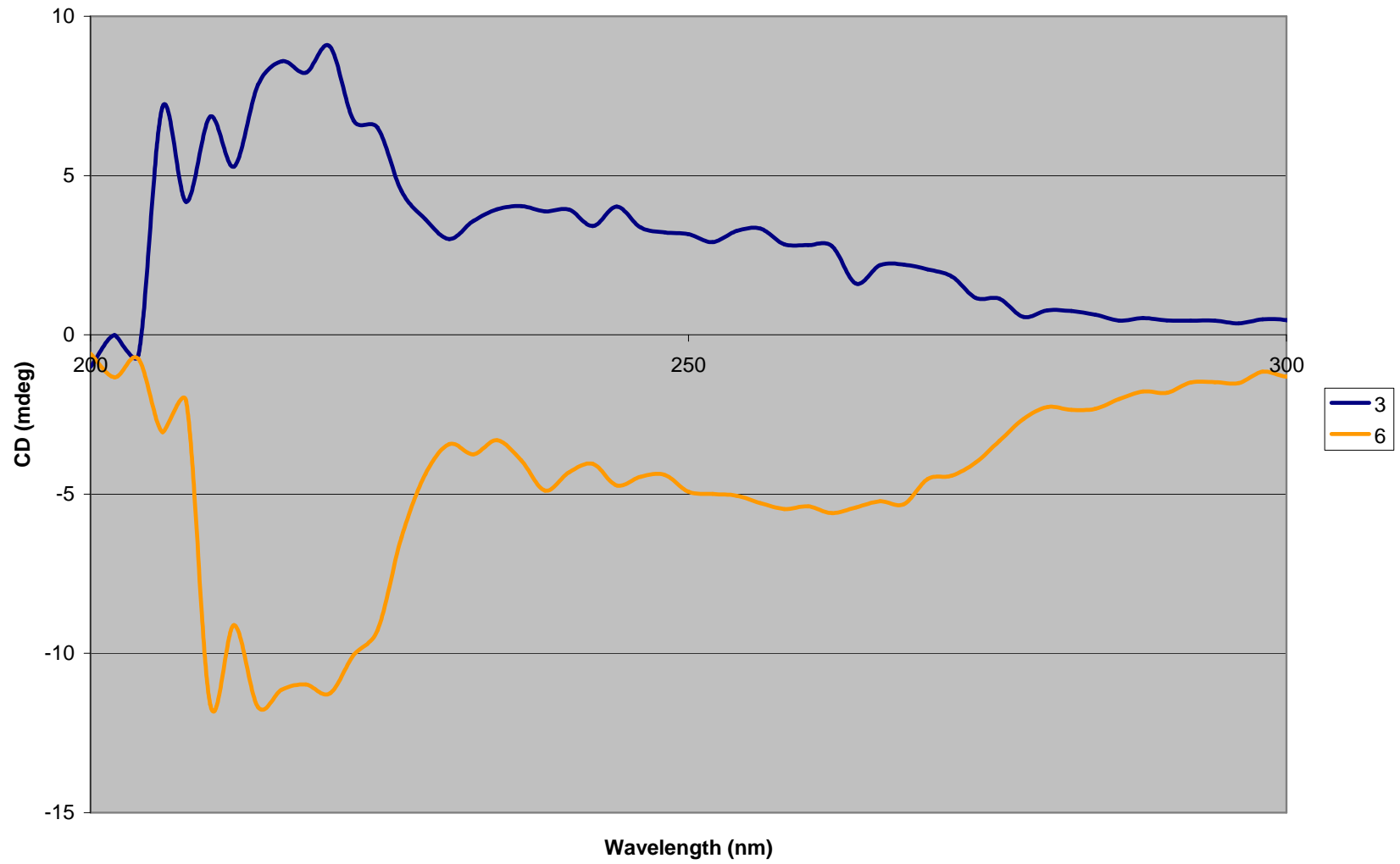
CD Comparison: 2 vs 3



CNS 325 CD Comparison: 2 vs 6



CNS 325 CD Comparison: 3 vs 6



CNS 325 CD Comparison: 5 vs 6

