

Supplementary material for:

Low-symmetry mixed fluorinated subphthalocyanines as fluorescence imaging probes in MDA-MB-231 breast tumor cells.

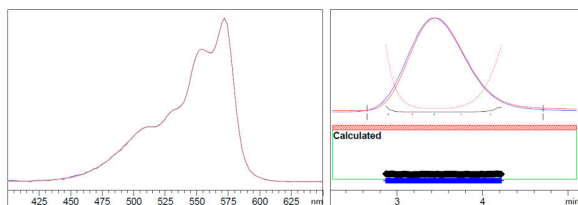
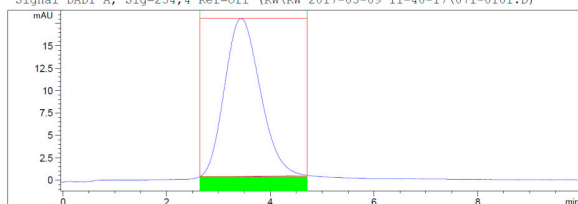
Katherine J. McAuliffe,¹ Megan A. Kaster,¹ Regina G. Szlag,¹ and Evan R. Trivedi.^{1*}

¹Oakland University, Department of Chemistry, Rochester, MI 48309, USA

*Corresponding author: trivedi@oakland.edu

Purity results peak 1 at 3.434 min.

Signal DAD1 A, Sig=254,4 Ref=off (RW\RW 2017-05-09 11-40-17\071-0101.D)



-> The purity factor is within the calculated threshold limit. <-

Purity factor : 999.986 (204 of 204 spectra are within the calculated threshold limit.)
 Threshold : 999.384 (Calculated with 204 of 204 spectra)
 Reference : Peak start and end spectra (integrated) (2.646 / 4.706)
 Spectra : 5 (Selection automatic, 5)
 Noise Threshold: 0.100 (Set by user)

*** End of Report ***

Figure S1 – Purity report for SPc(AB₂).

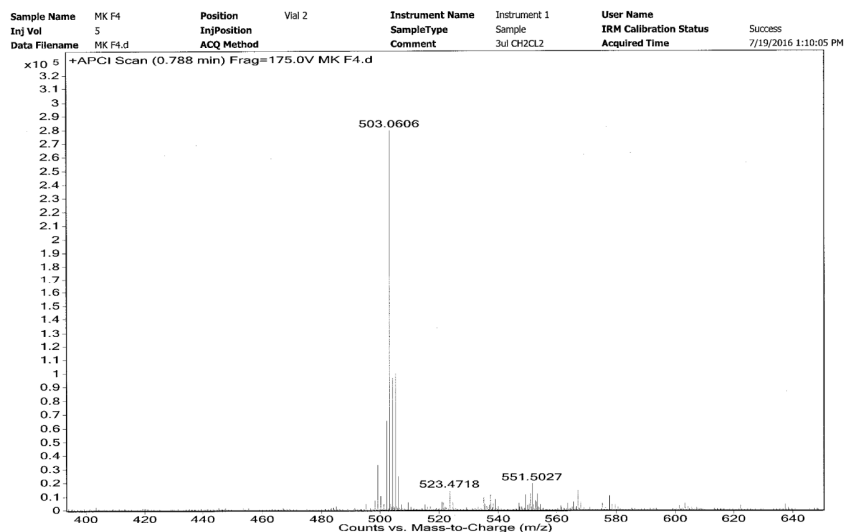
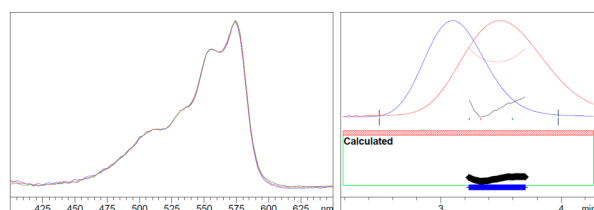
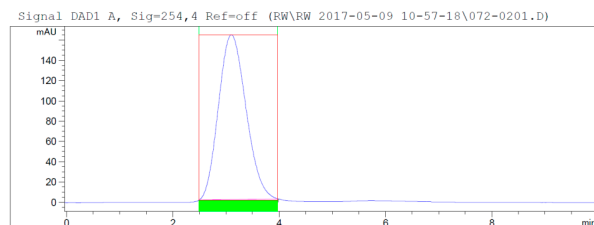


Figure S2 – HR-APCI-MS spectrum for SPc(AB₂).

Purity results peak 1 at 3.099 min.



-> The purity factor is within the calculated threshold limit. <-

Purity factor : 999.739 (71 of 71 spectra are within the calculated threshold limit.)
 Threshold : 996.054 (Calculated with 71 of 71 spectra)
 Reference : Peak start and end spectra (integrated) (2.488 / 3.975)
 Spectra : 3 (Selection automatic, 5)
 Noise Threshold: 0.100 (Set by user)

*** End of Report ***

Figure S3 – Purity report for SPc(A₂B)

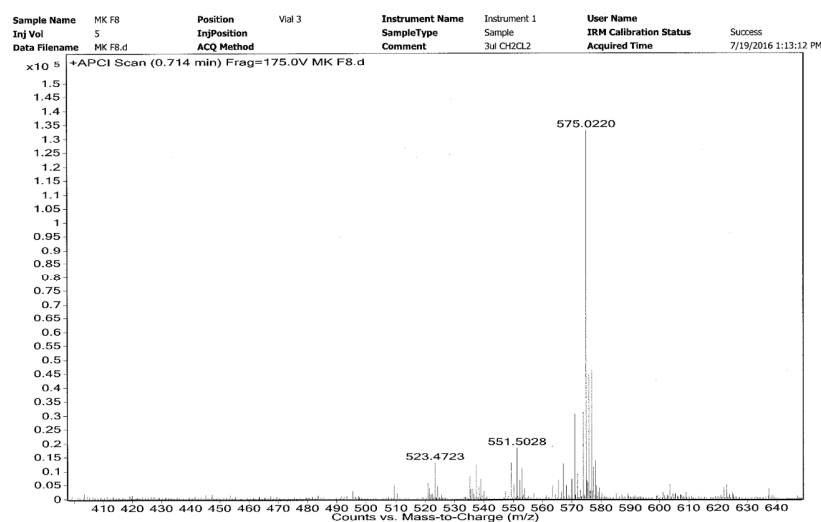


Figure S4 – HR-APCI-MS spectrum for SPc(A₂B).

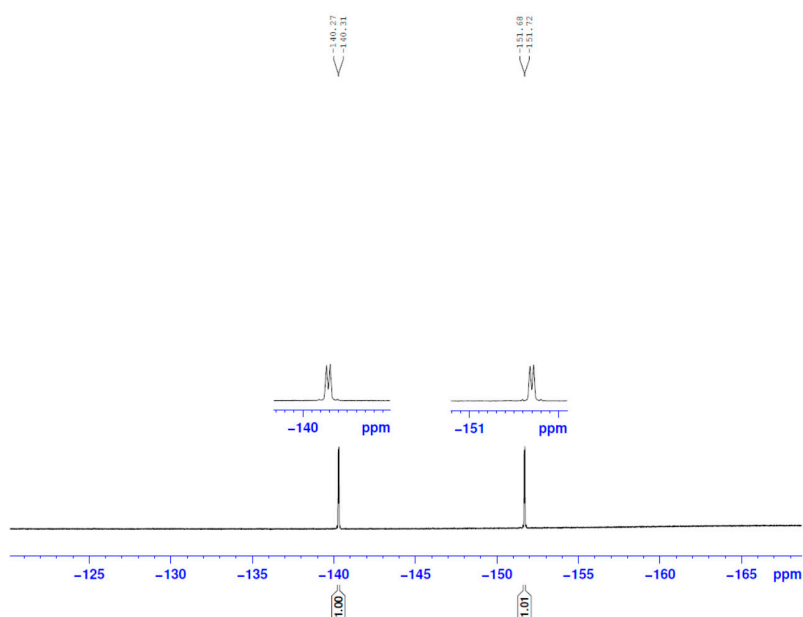


Figure S5 – ^{19}F NMR spectrum for SPc(AB₂)

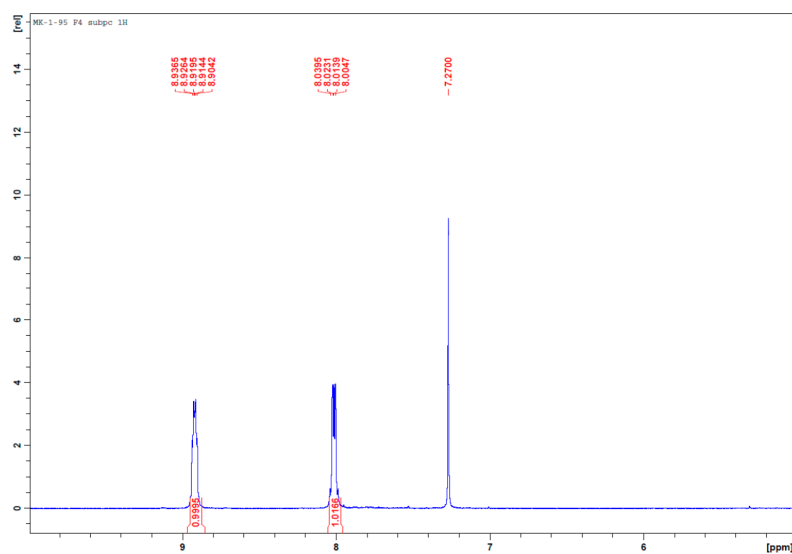


Figure S6 – ^1H NMR spectrum for SPc(AB₂) showing two sets of overlapping multiplets.

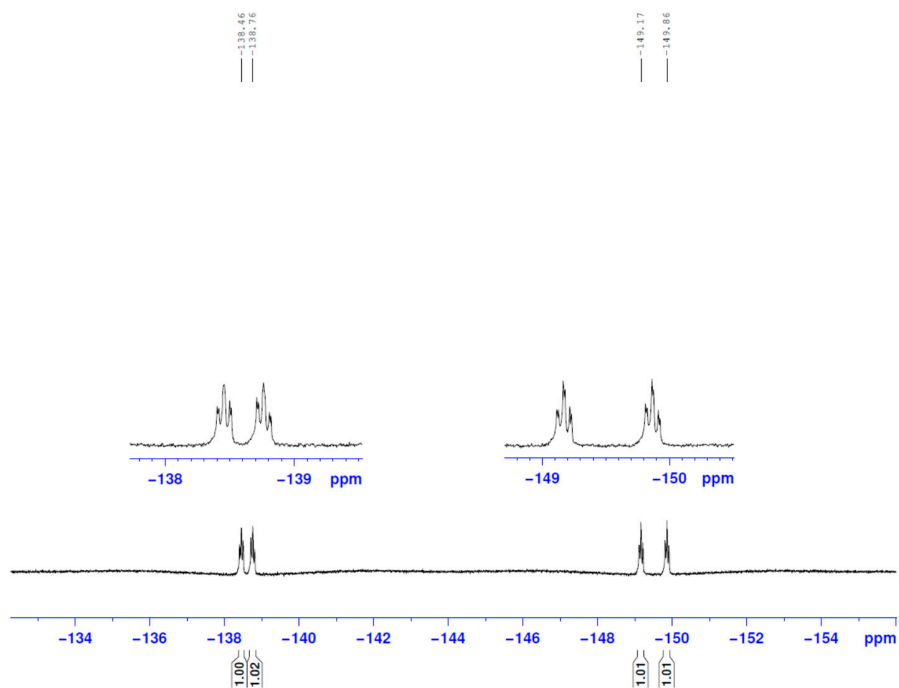


Figure S7 – ^{19}F NMR spectrum for SPc(A₂B)

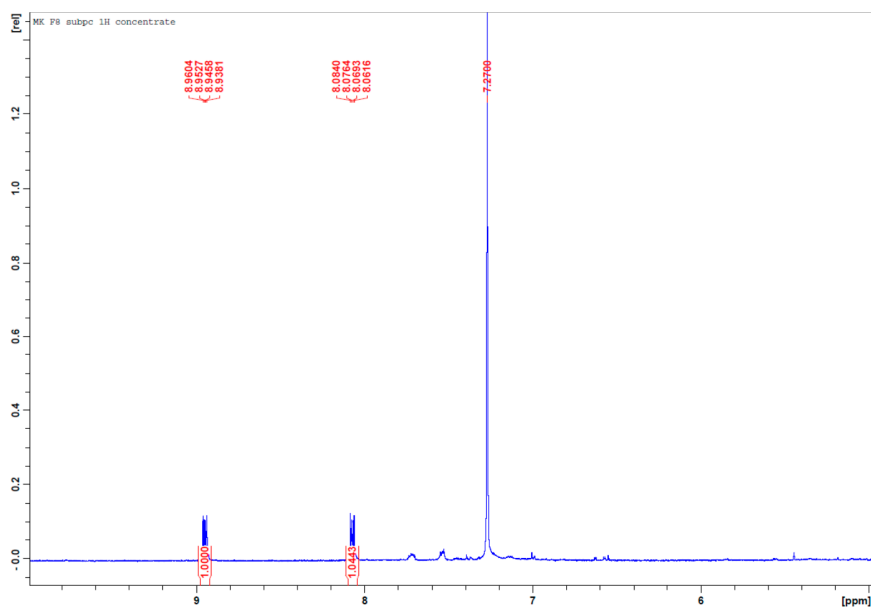


Figure S8 – ^1H NMR spectrum for SPc(A₂B) showing two doublets of doublets (ortho and meta coupling).