Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Novel Electro-optic Chromophores Based on Substituted Benzo[1,2-b:4,5-b']dithiophene π-Conjugated Bridges

[a]*Key Laboratory of Photochemical Conversion and Optoelectronic Materials, Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, Beijing 100190, PR China. Tel.: +86-01-82543528; Fax: +86-01-62554670.E-mail: xinhouliu@foxmail.com and xhliu@mail.ipc.ac.cn (X. Liu)*
[b] *University of Chinese Academy of Sciences, Beijing 100043, PR China*

Contents

1. Figures 1-8. NMR spectra of resulted compounds.
2. Figures 9-10. HRMS spectra of resulted chromophores.

Figure 1. ^{1}H NMR spectrum of compound 1

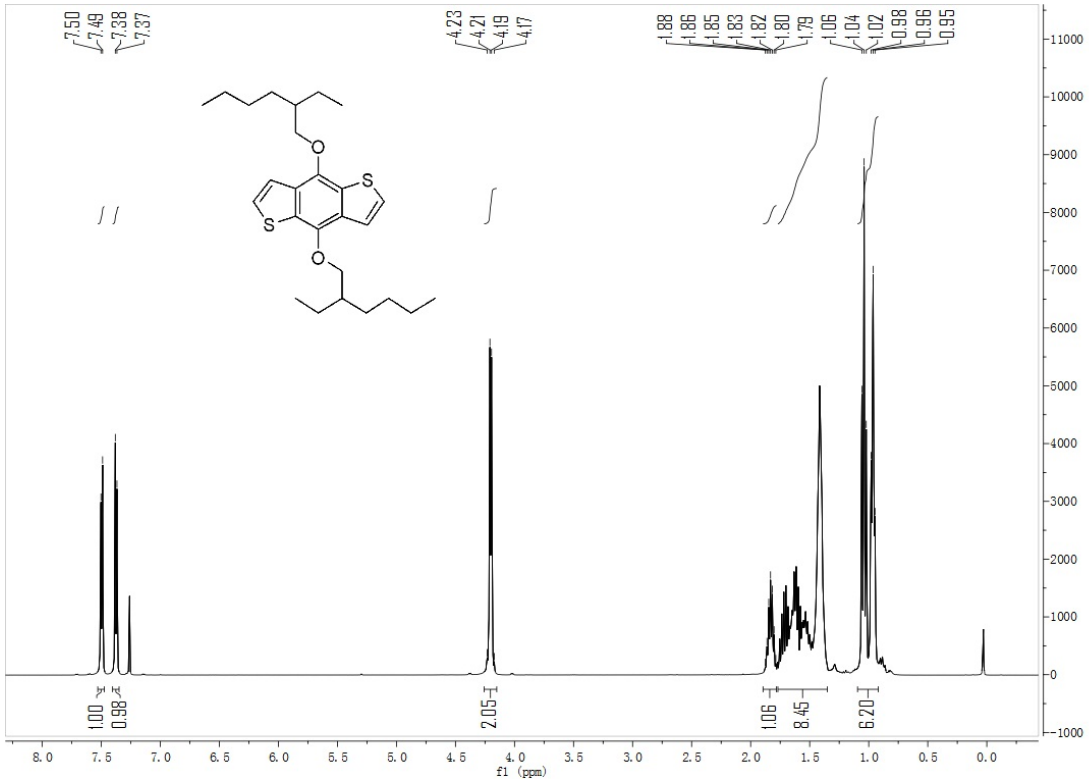

Figure 2. ^{1}H NMR spectrum of compound 2

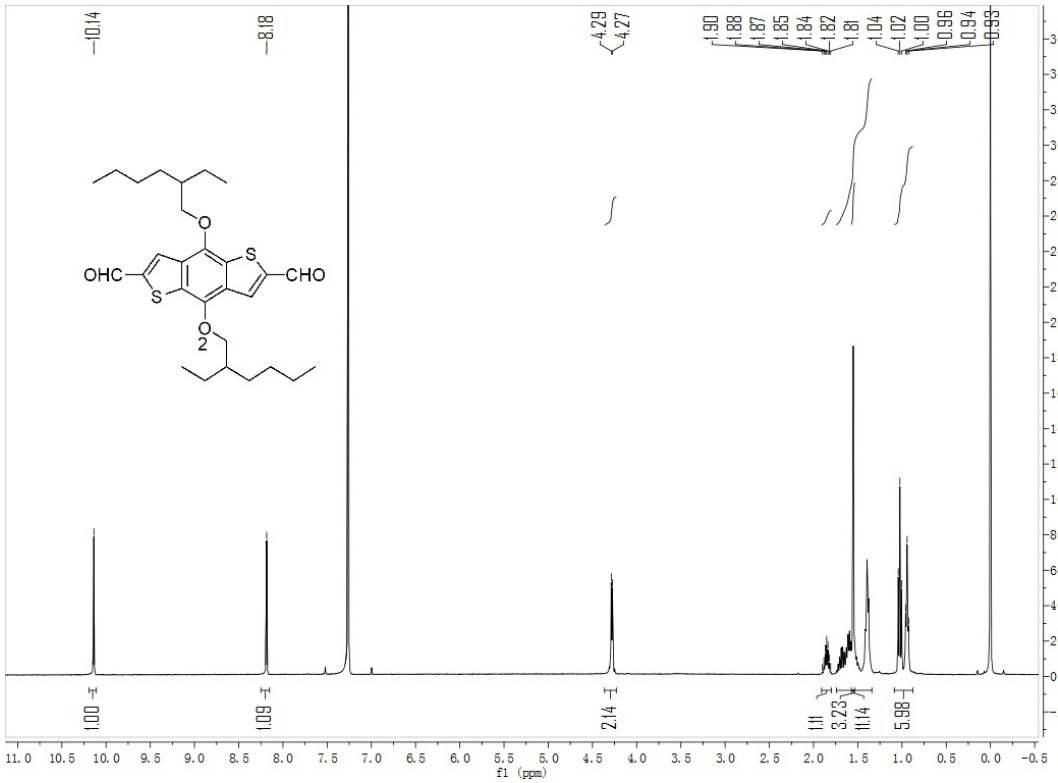

Figure 3. ^{1}H NMR spectrum of compound 4

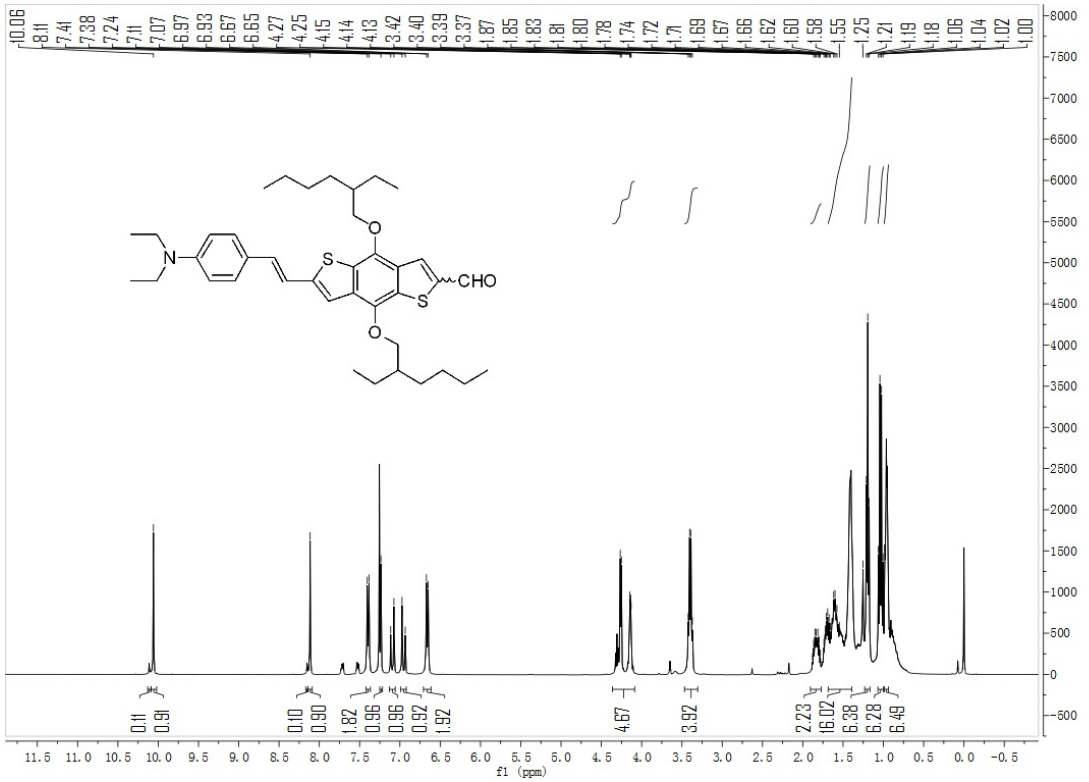

Figure 4. ^{1}H NMR spectrum of compound 5

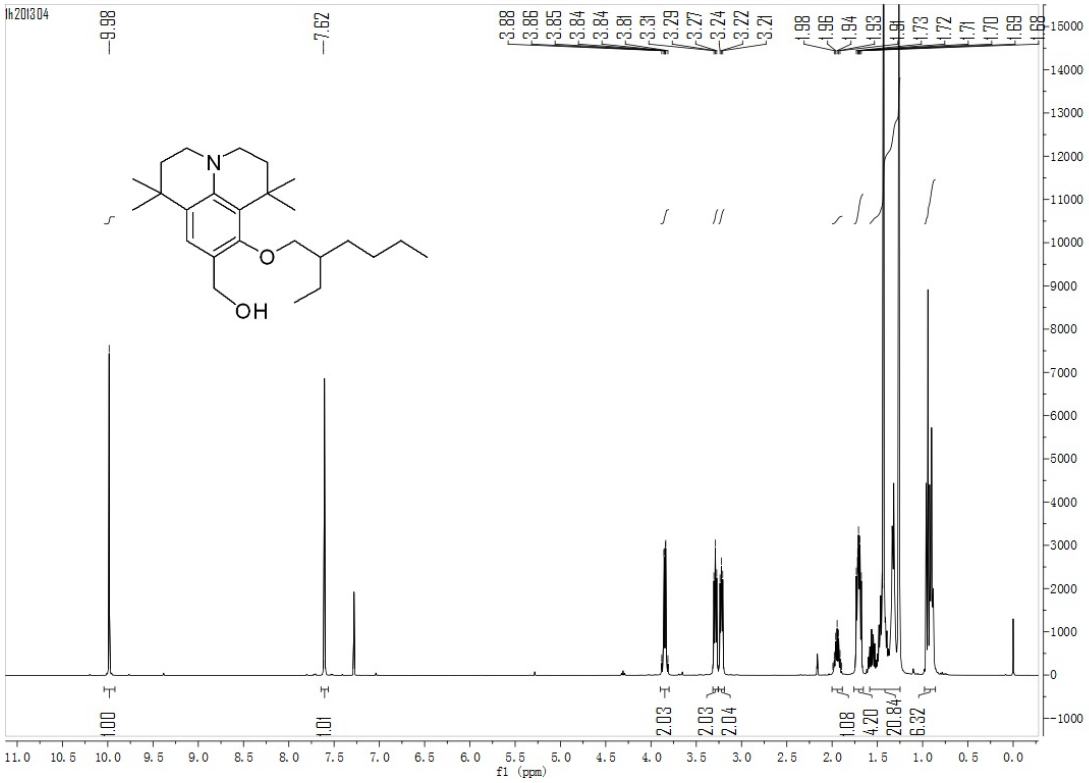

Figure 5. ^{1}H NMR spectrum of compound 7

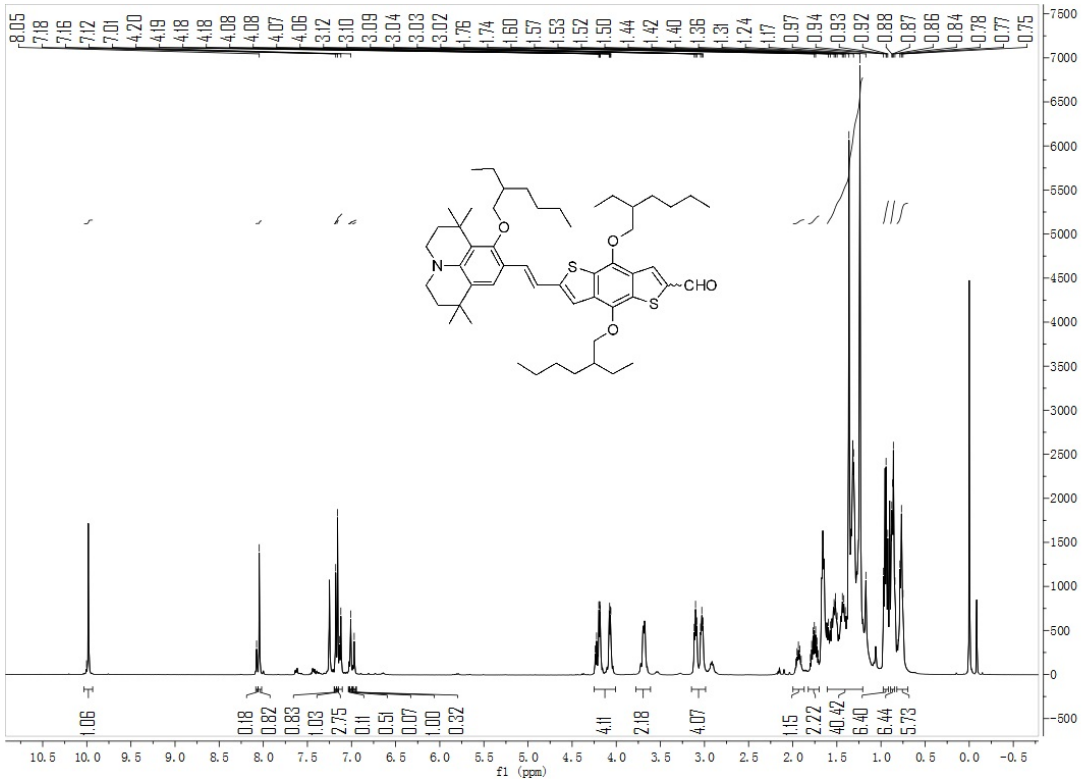

Figure 6. ^{1}H NMR spectrum of chromophore BDT 3

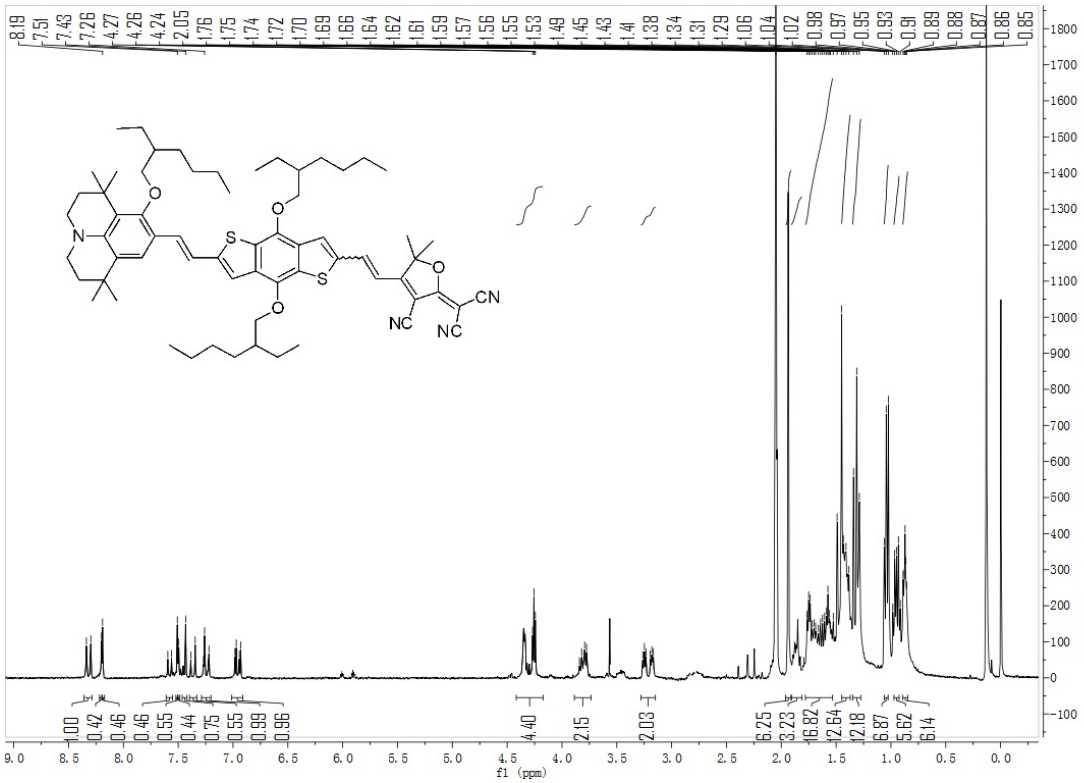

Figure 7. ^{1}H NMR spectrum of chromophore BDT2

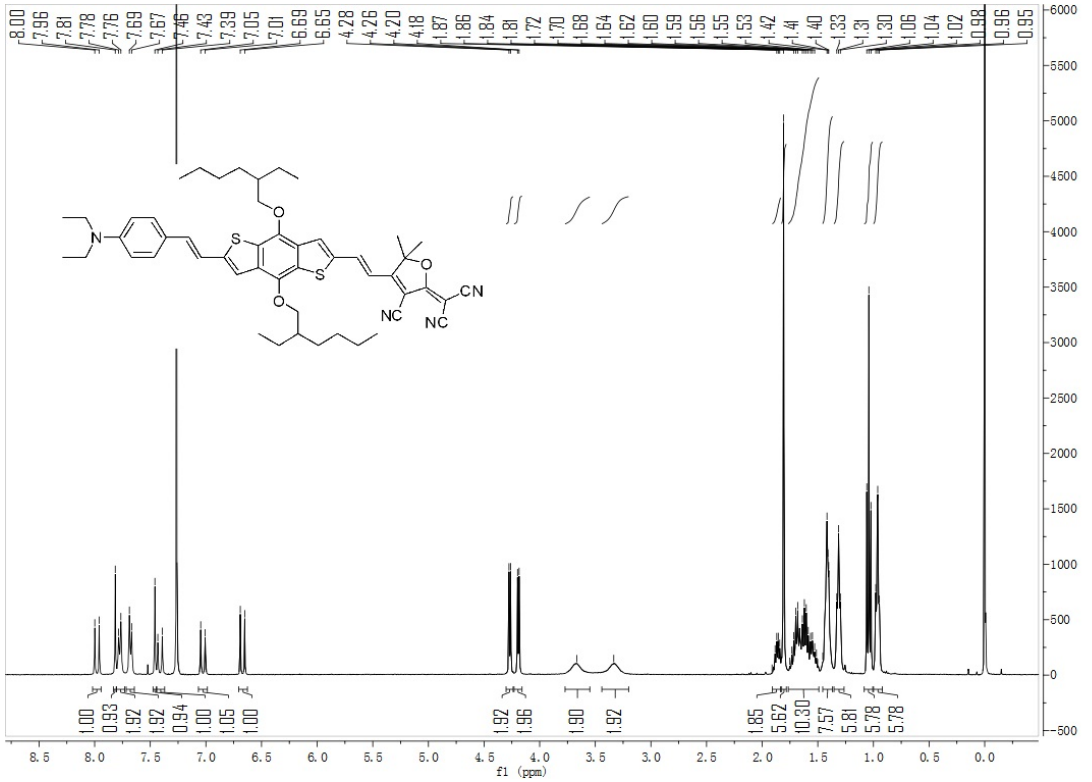

Figure 8. ^{13}C NMR spectrum of chromophore BDT2

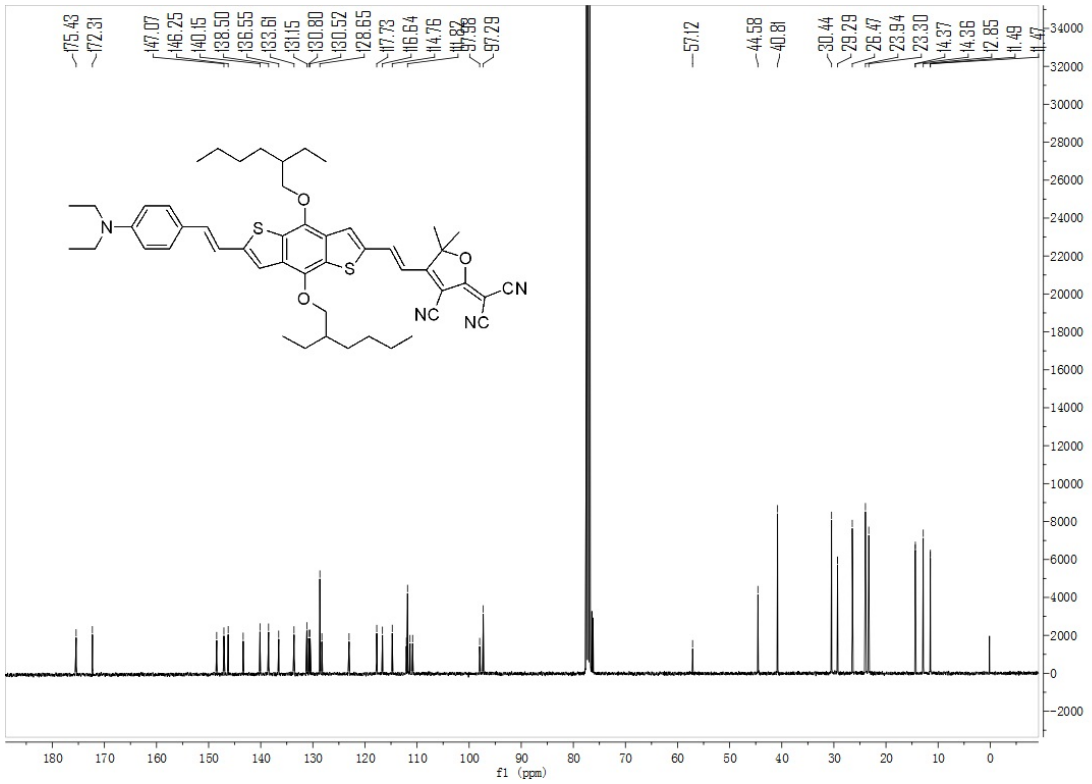

Figure 9. HRMS spectrum of chromophore BDT2

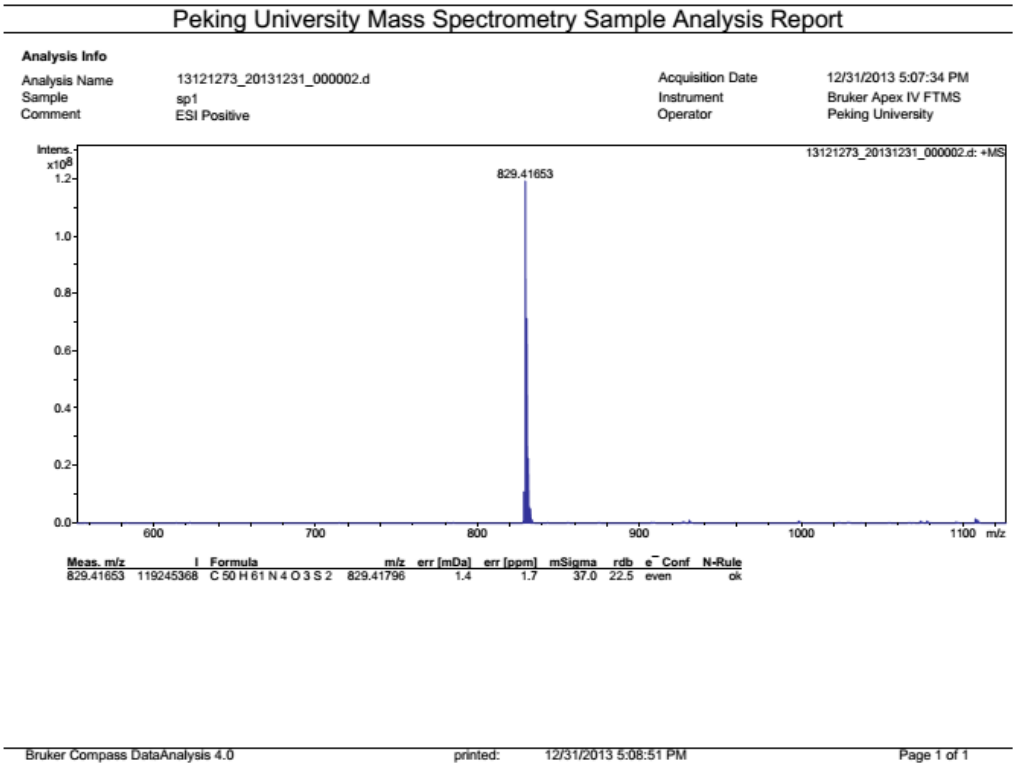

Figure 10. HRMS spectrum of chromophore BDT3