

Supporting Information

Acenaphtho[1,2-b]quinoxaline based low band gap copolymers for organic thin film transistor applications

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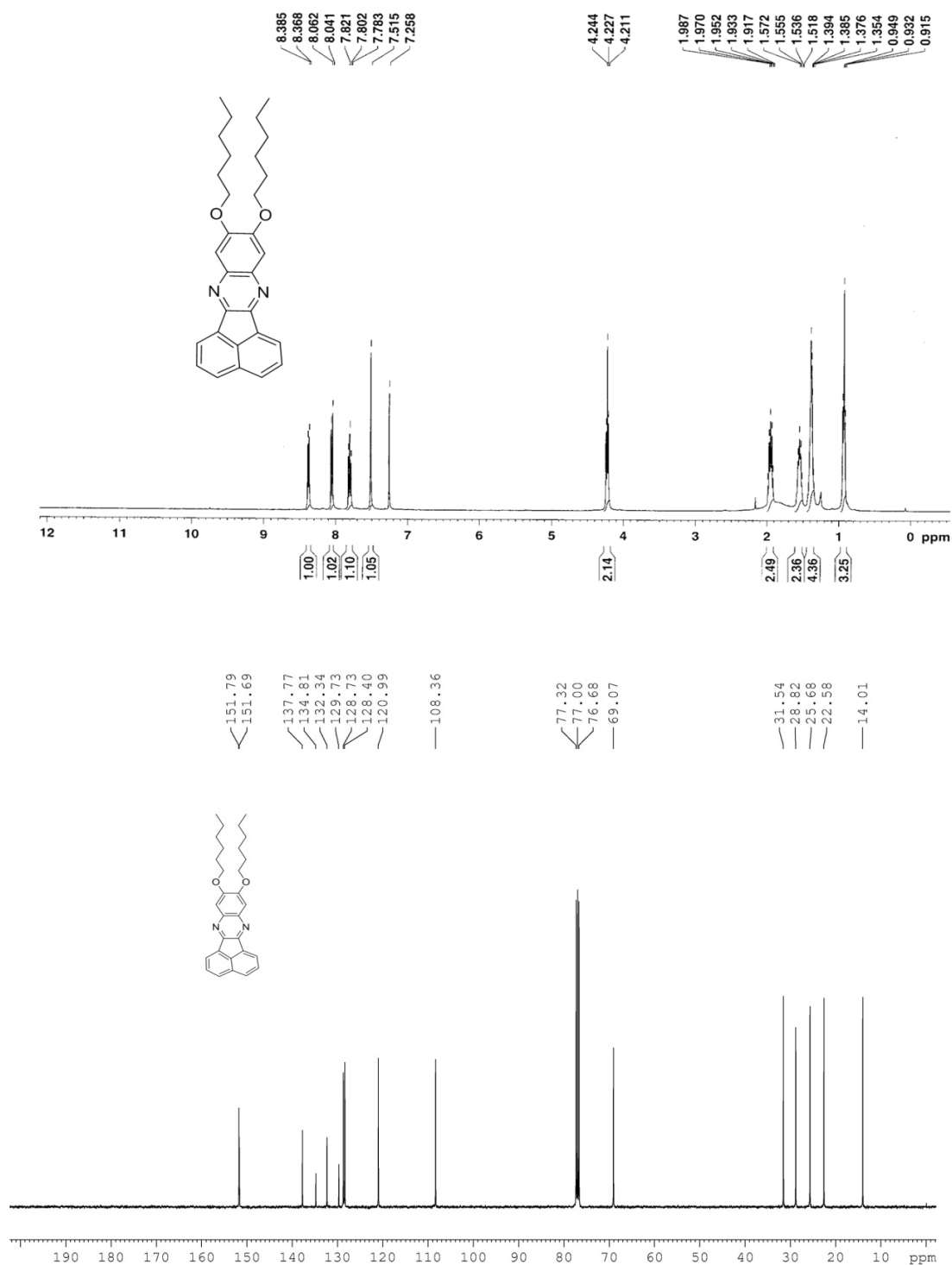
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Table of Contents

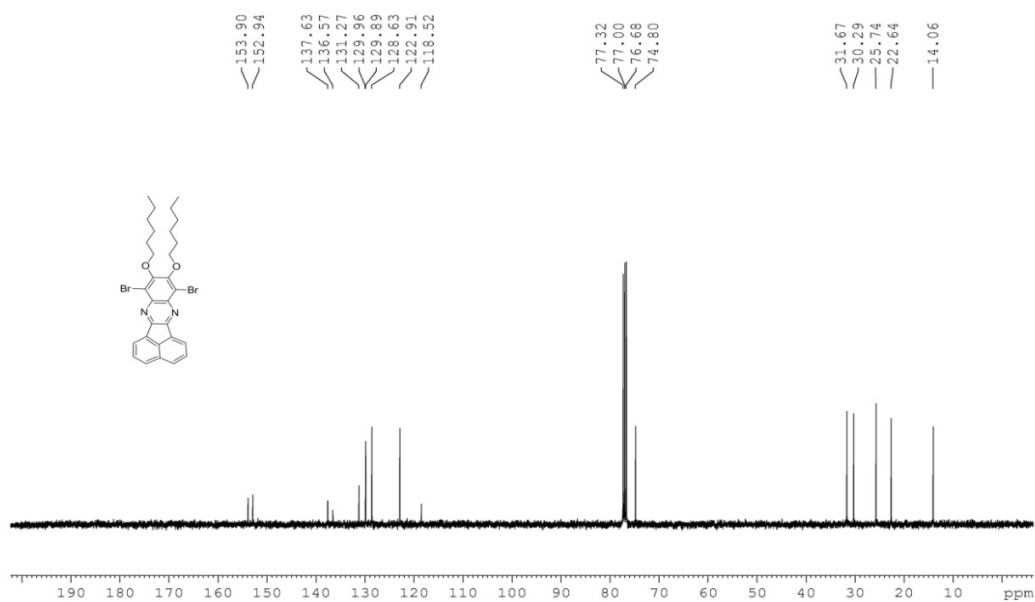
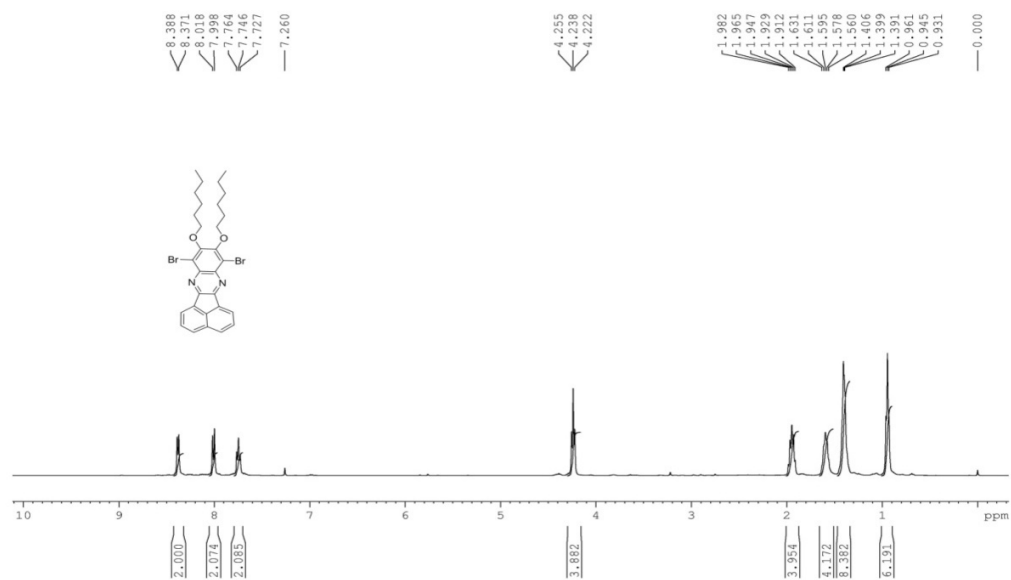
Table of contents	1 - 2
Copies of ¹ H and ¹³ C NMR of the new compounds	3-7
¹ H NMR spectra of compound BHAQN	3
¹³ C NMR spectra of compound BHAQN	3
¹ H NMR spectra of compound DBQN	4
¹³ C NMR spectra of compound DBQN	4
¹ H NMR spectra of compound QTT	5
¹ H NMR spectra of compound QBBT	6

¹ H NMR spectra of compound SQBT	7
Packing diagrams of BHAQN	8
Cyclic voltammograms of copolymers a) QTT b) QBBT and c) SQBT	9

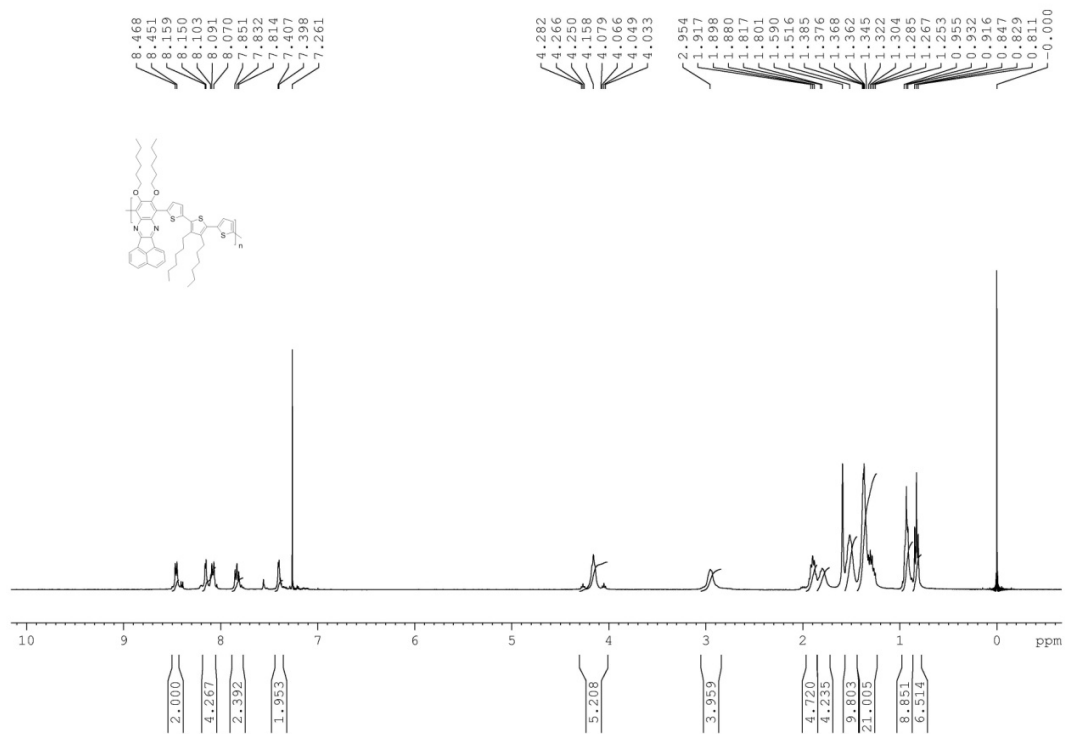
^1H and ^{13}C NMR spectra of compound QN



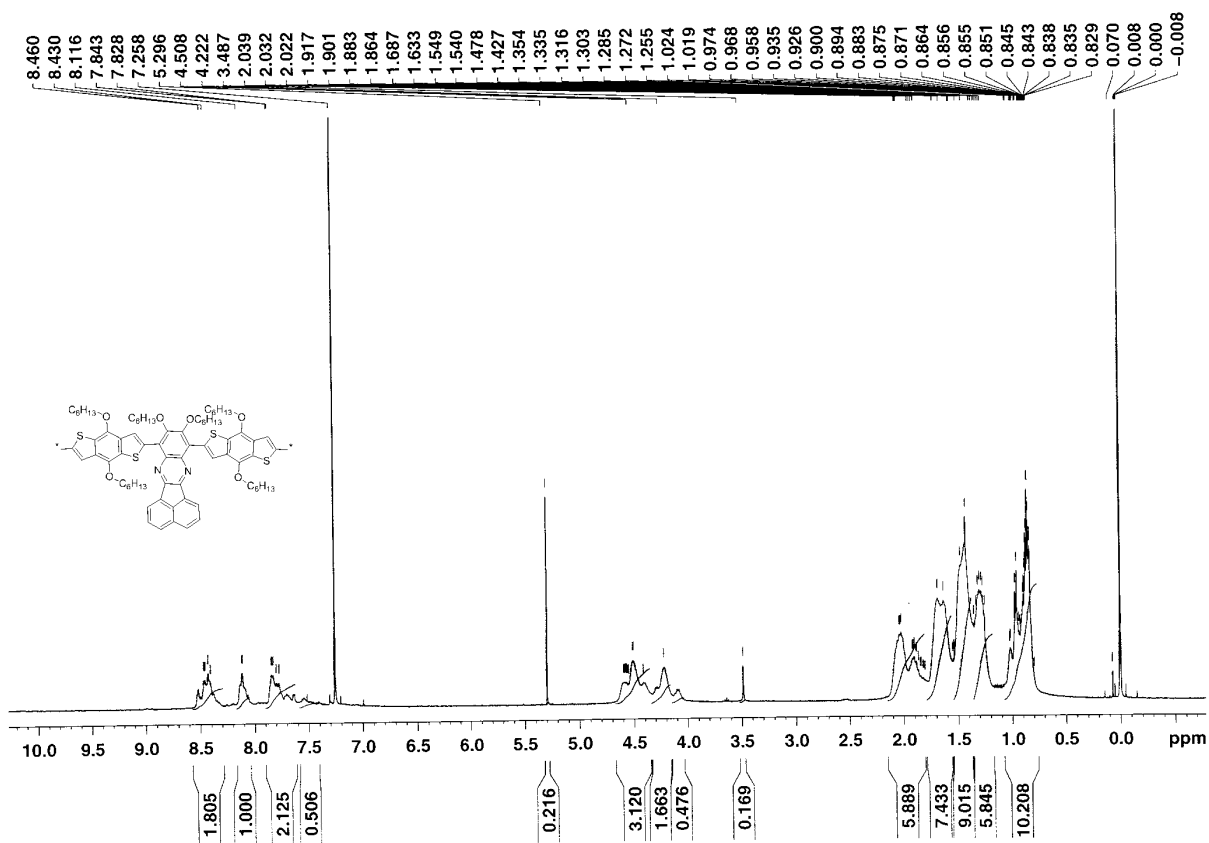
^1H and ^{13}C NMR spectra of compound DBQN



¹H NMR spectra of compound QTT



¹H NMR spectra of compound QBBT



Packing diagrams of **BHAQN**:

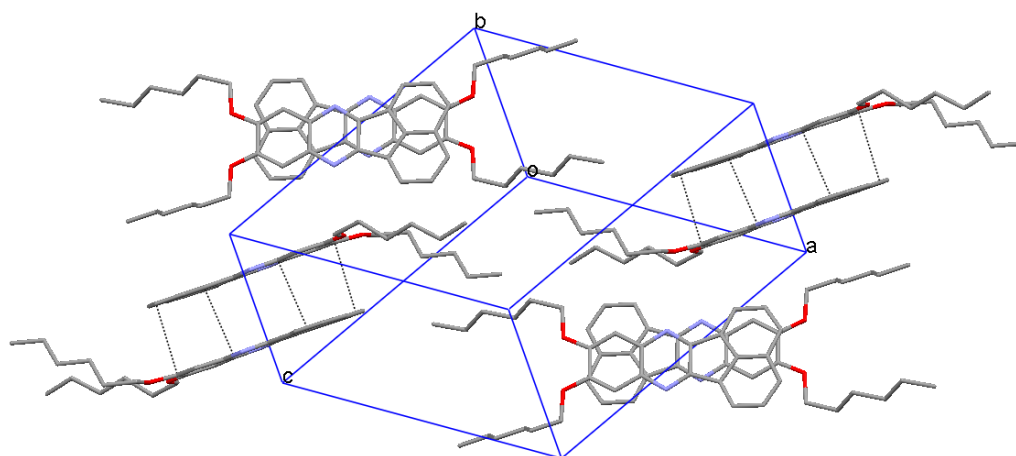


Figure S1: Packing of the dimeric units (shown by dotted lines) in the crystal lattice which are further interconnected with C–H...O and C–H... π interactions.

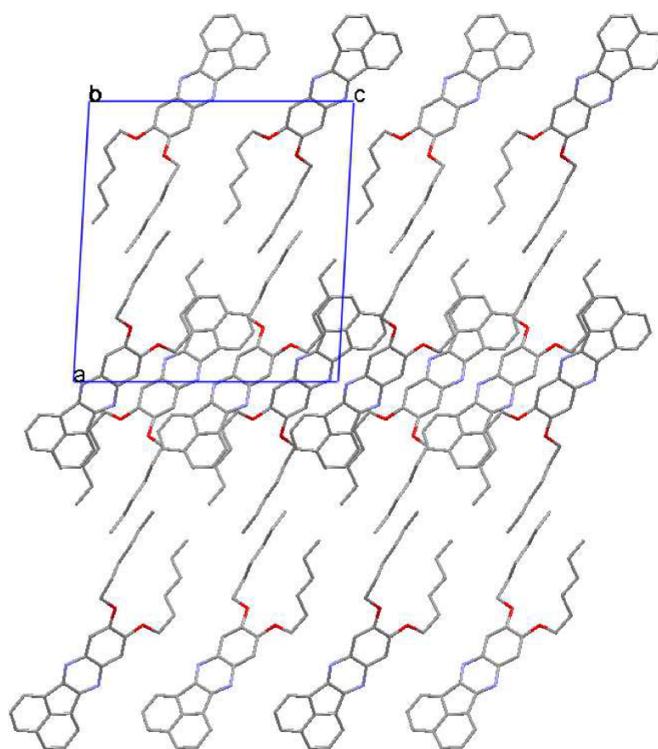


Figure S2: Packing diagram of **BHAQN** viewed down the *b*-axis showing the layered arrangement of aromatic and alkyl residues.

Cyclic Voltammograms of the copolymers:

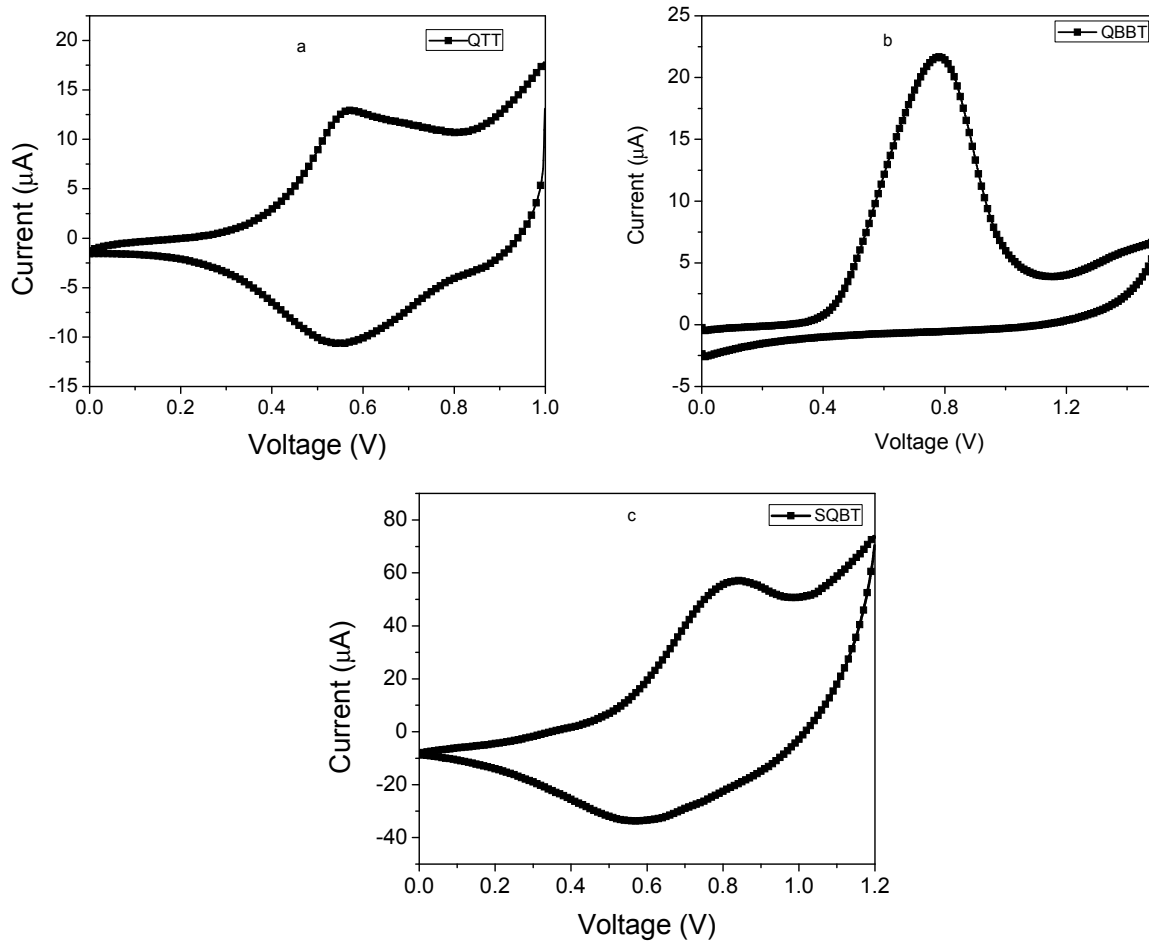


Figure S3: Cyclic voltammogram behavior of copolymers a) QTT b) QBBT and c) SQBT