

Supporting Information

Polycyclic Anthanthrene Small Molecules: Semiconductors for Organic Field-Effect Transistors and Solar Cells Applications

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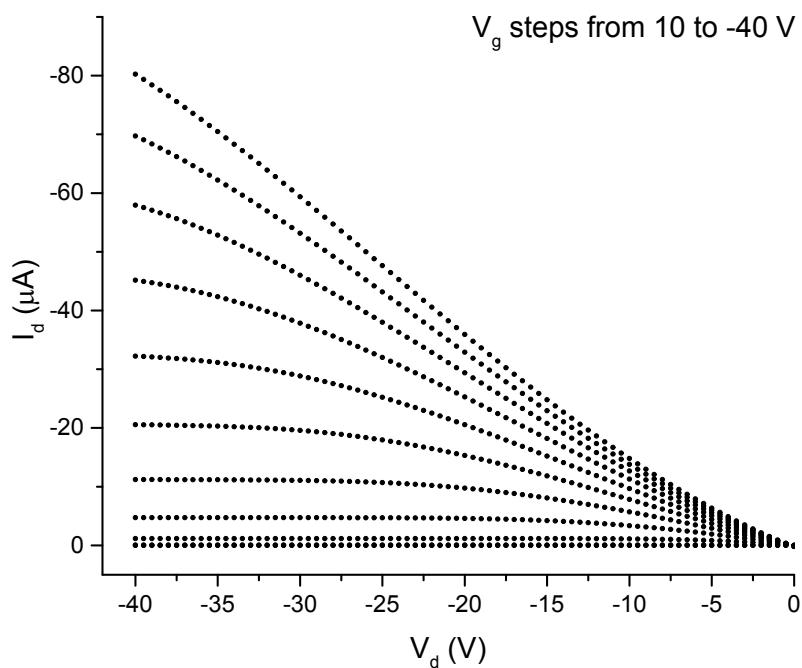


Fig. S1. Output characteristics for compound **1** after cyclohexane solvent annealing

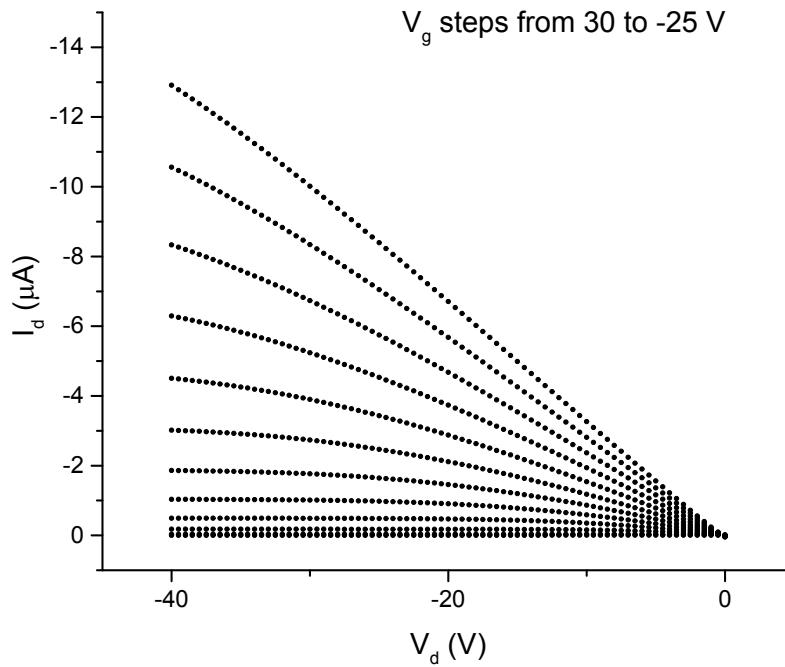


Fig. S2. Output characteristics for compound **2** after toluene solvent annealing

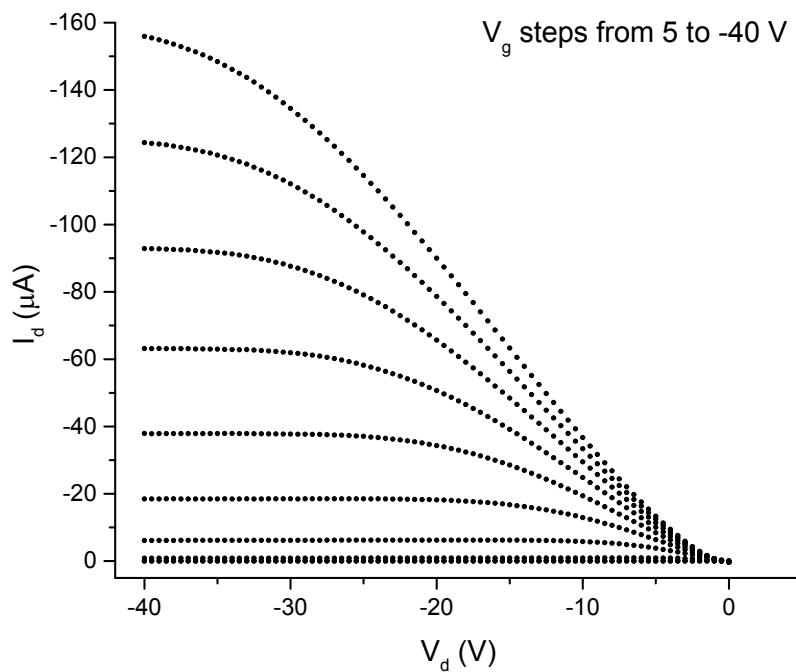


Fig. S3. Output characteristics for compound **3** after toluene solvent annealing

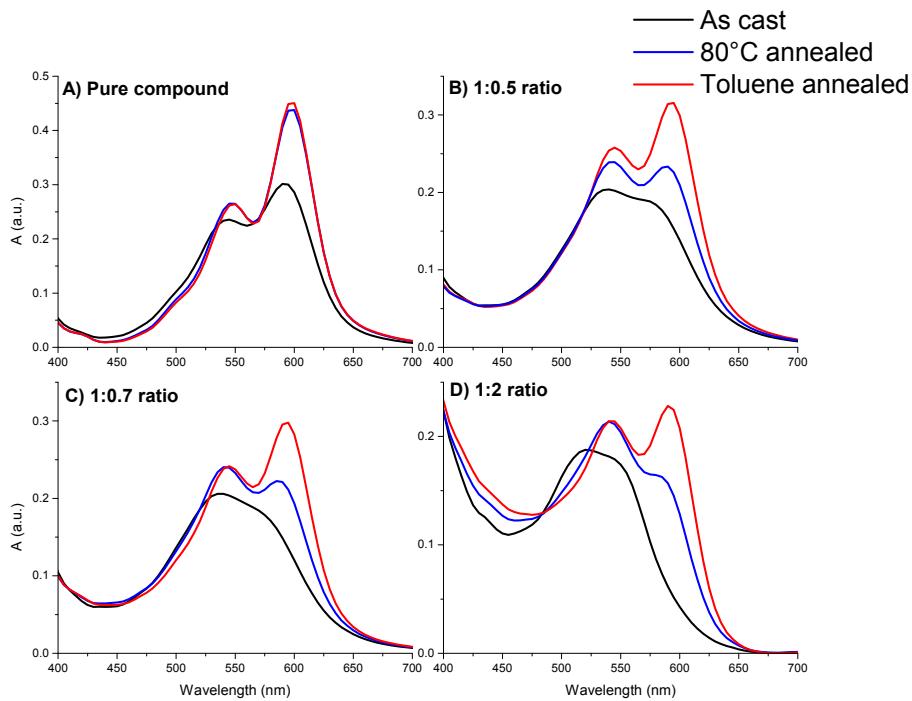


Fig. S4. UV-vis film absorption of compound **3** at different ratio of PC₆₁BM with different annealing conditions

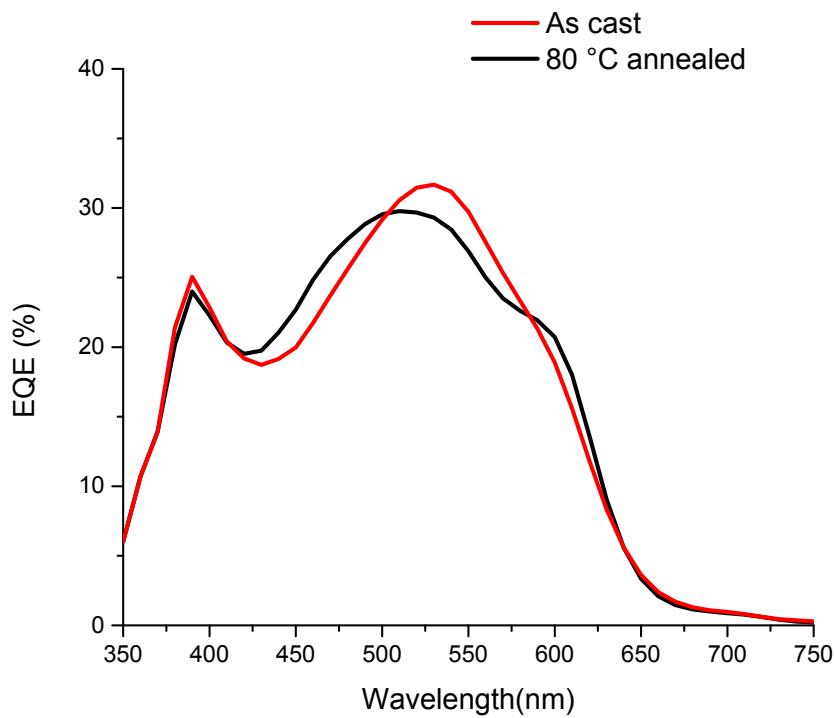


Fig. S5. EQE for compound **2**:PC₆₁BM at a ratio of 1:0.7 before and after thermal annealing

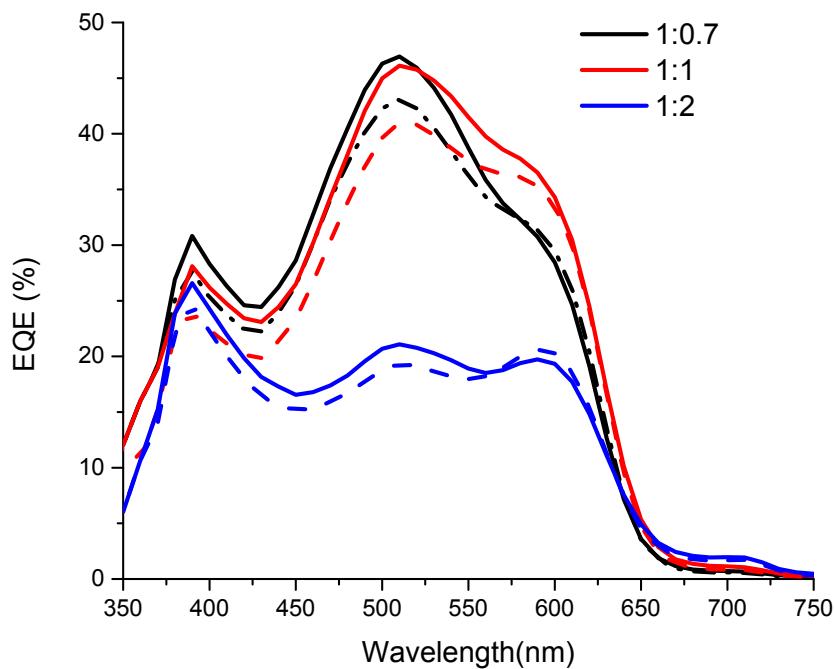


Fig. S6. EQE for **1**:PC₆₁BM at different D/A before (solid lines) and after (dashed lines) thermal annealing at 80 °C

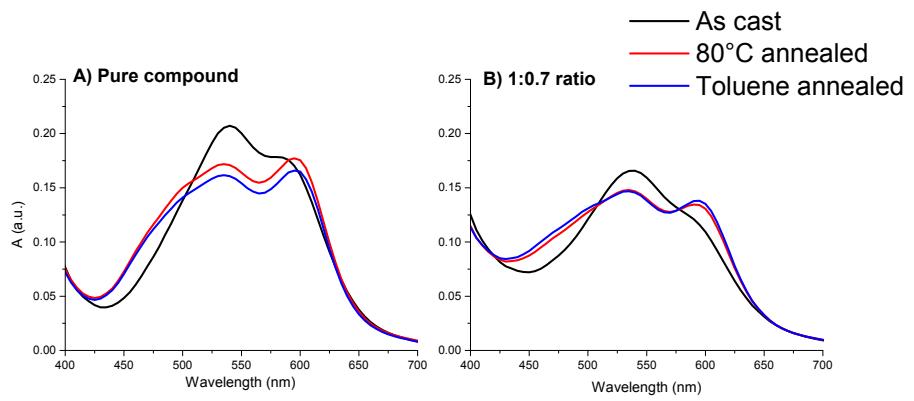


Fig. S7. Thin film absorption of compound **2** and with PC₆₁BM at a 1:0.7 ratio with different treatment