

Supporting Information

Discovery of New Type of Organic Ferroelectric Materials in Natural Biomass Dehydroabietylamine Schiff Bases

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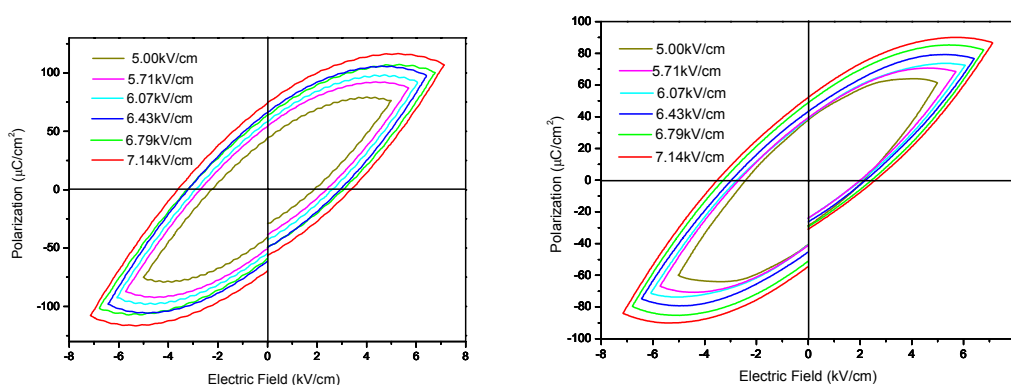
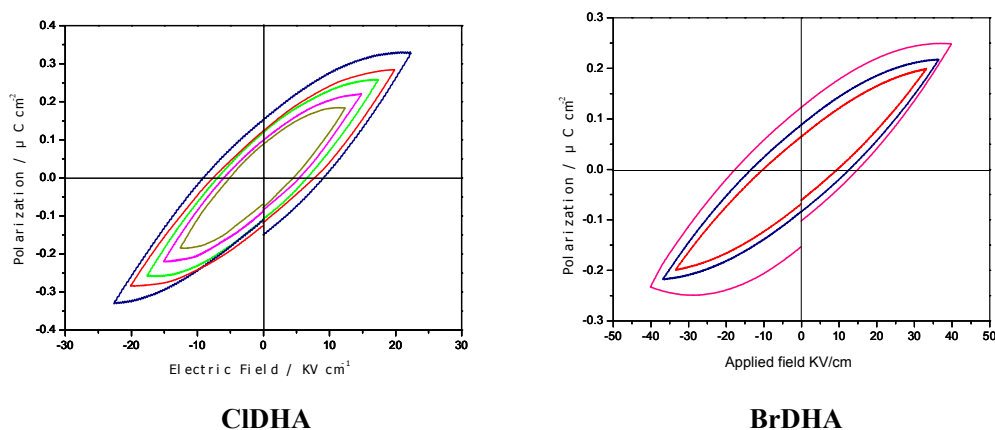
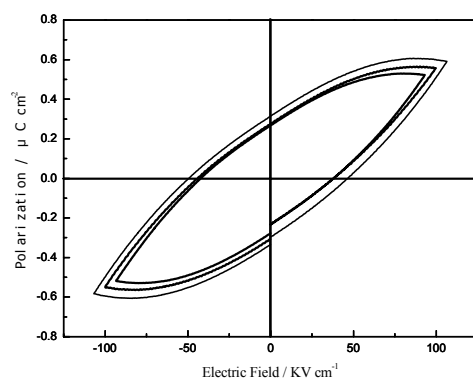


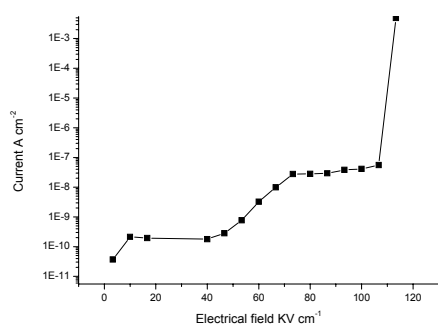
Fig.S1 Electric hysteresis loops of CIDHA (left) and NODHA (right) recorded on a Ferroelectric Tester Precision Premier II made by Radiant Technologies, Inc., at r.t. for single crystal samples along *b* axis at different setting electric field.



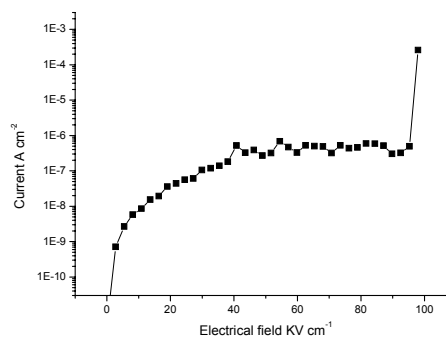


NODHA

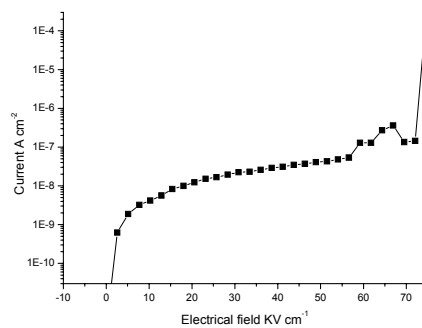
Fig. S2 Electric hysteresis loops recorded on a Ferroelectric Tester Precision Premier II made by Radiant Technologies, Inc., at r.t. for powdered samples



CIDHA



BrDHA



NODHA

Fig. S3 The leakage currents of powdered samples

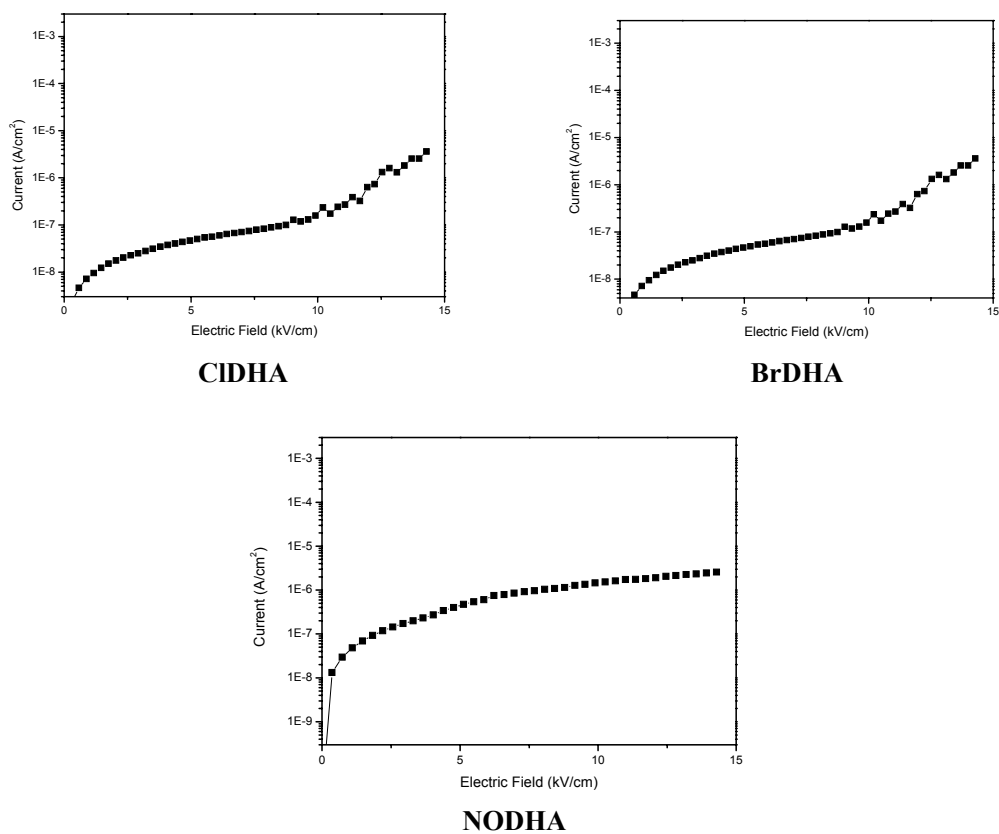


Fig. S4 The leakage currents of single crystal samples

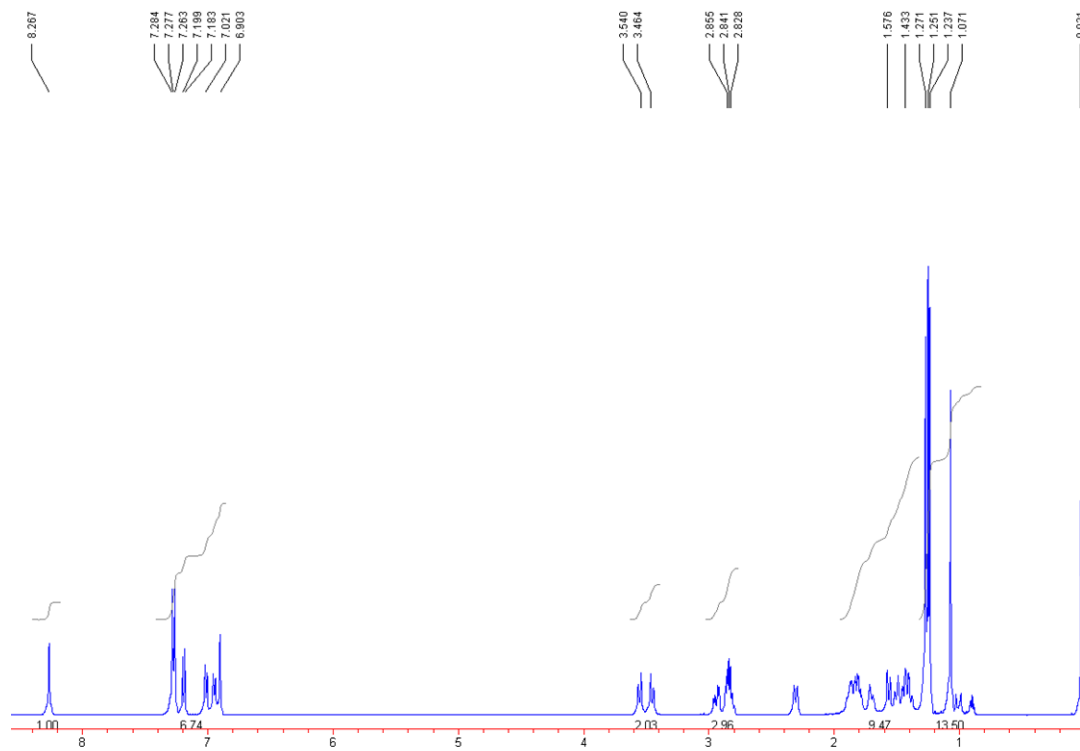


Fig. S5 ¹H NMR of CIDHA

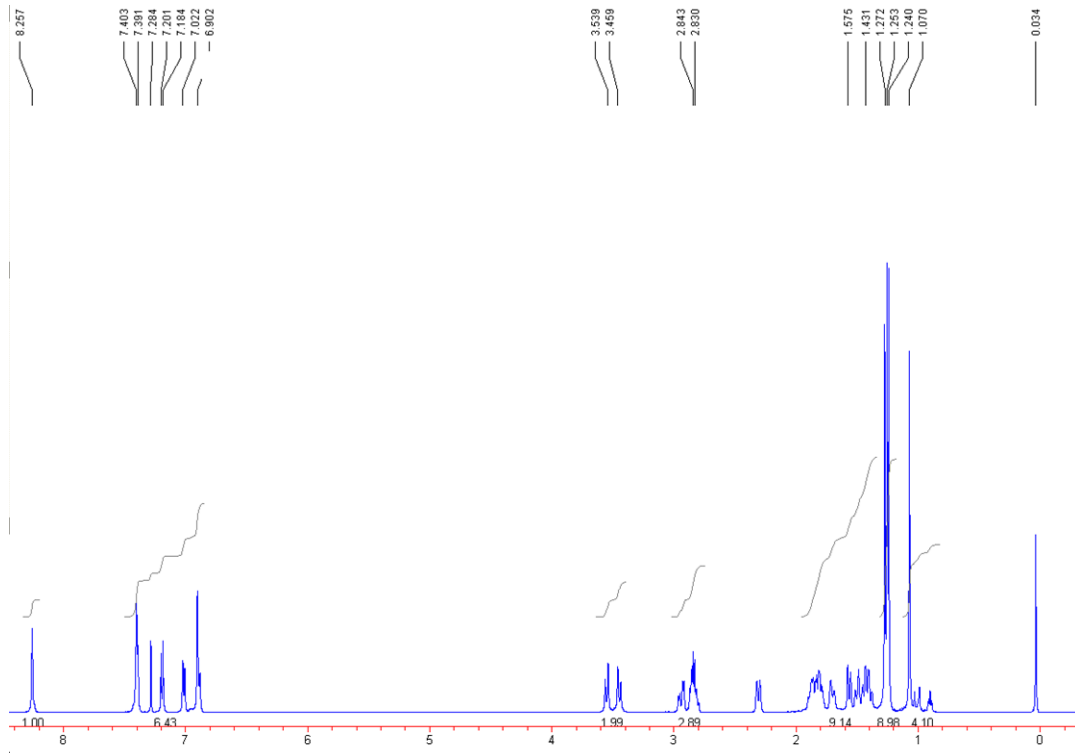


Fig. S6 ^1H NMR of BrDHA

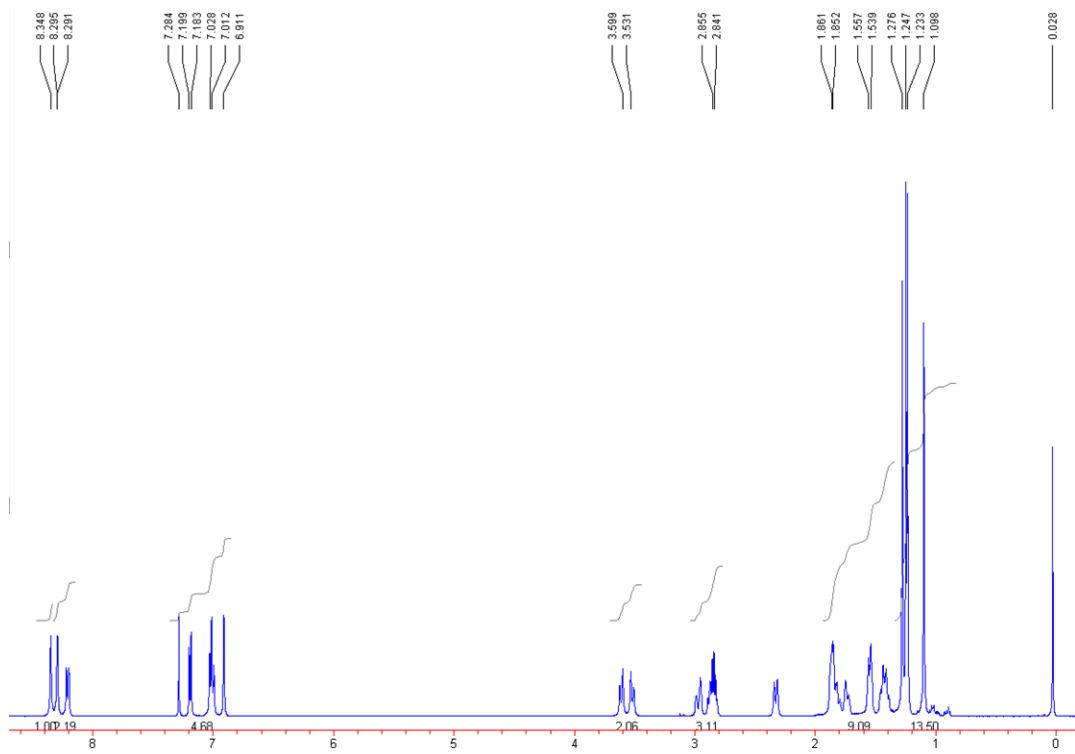


Fig. S7 ^1H NMR of NODHA