Supporting Information

for

X-Ray spectroscopy characterization of self-assembled monolayers of nitrile-substituted oligo(phenylene ethynylene)s with variable chain length

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Calculated X-ray absorption spectra

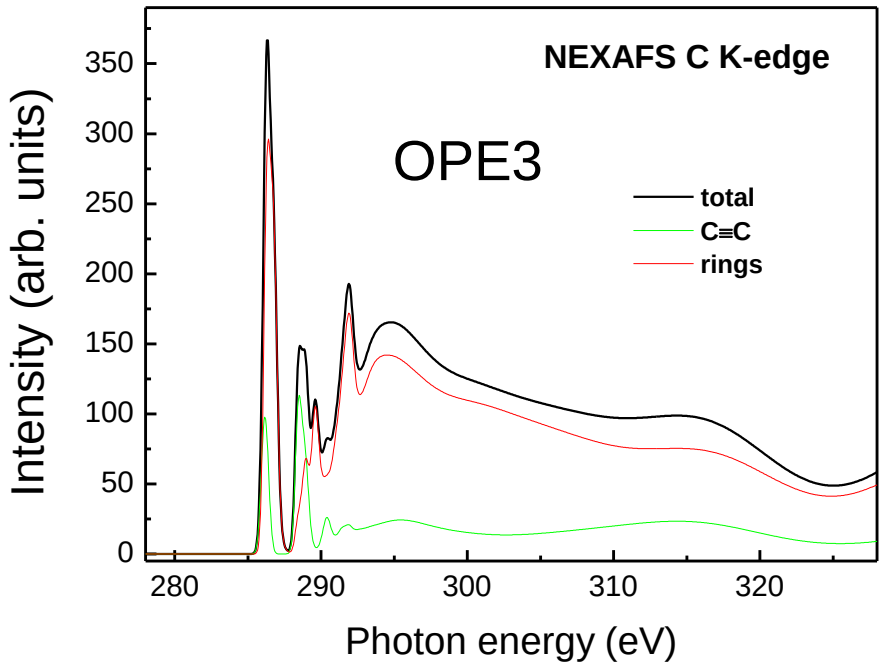

Figure S1: Calculated C K-edge NEXAFS spectra of OPE3 in the twisted conformations. The spectrum is decomposed into the contributions related to the individual functional units.

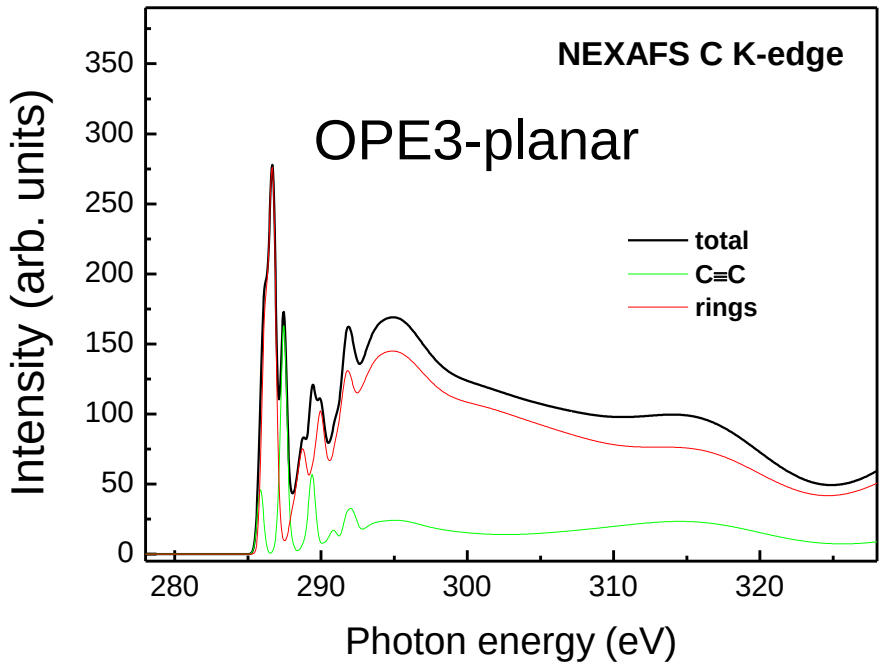

Figure S2: Calculated C K-edge NEXAFS spectra of OPE3 in the planar conformations. The spectrum is decomposed into the contributions related to the individual functional units.

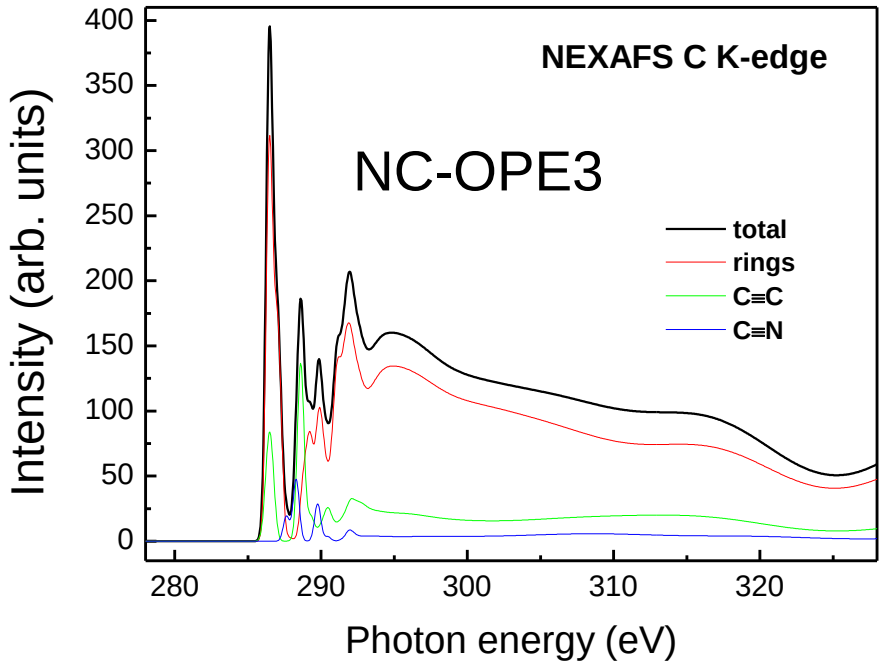

Figure S3: Calculated C K-edge NEXAFS spectra of NC-OPE3 in the twisted conformations. The spectrum is decomposed into the contributions related to the individual functional units.

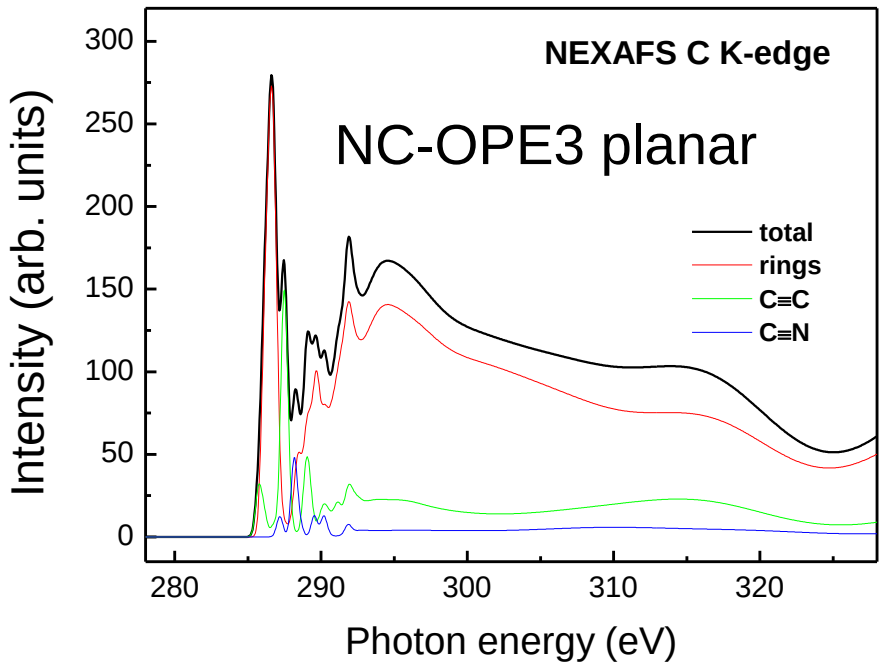

Figure S4: Calculated C K-edge NEXAFS spectra of NC-OPE3 in the planar conformations. The spectrum is decomposed into the contributions related to the individual functional units.

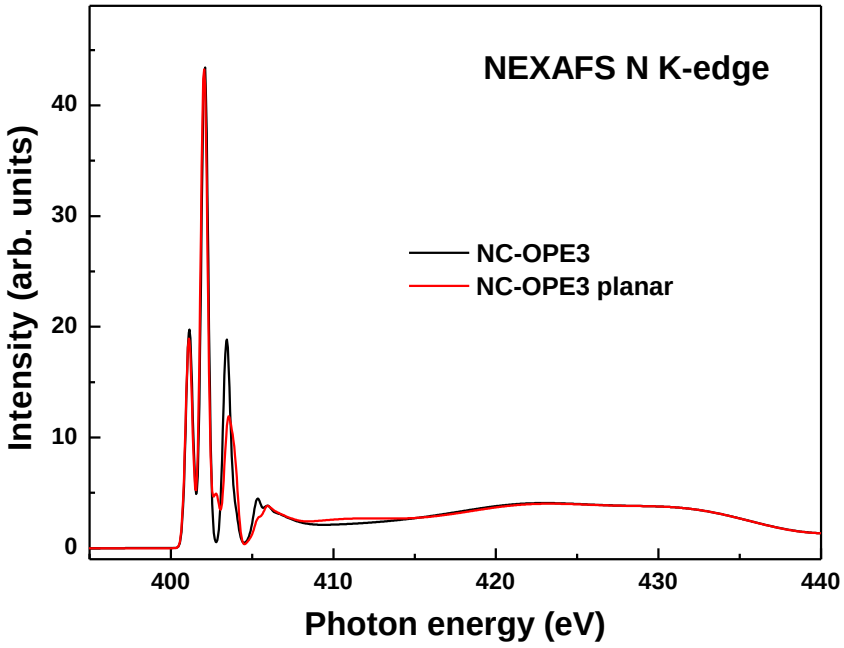

Figure S5: Calculated N K-edge NEXAFS spectra of NC-OPE3 in the planar and twisted conformations.