Electronic Supplementary Material (ESI) for RSC Advances.

SUPPORTING INFORMATION

Synthesis of novel calix[4]arene *p*-benzazole derivatives and investigation of their DNA binding and cleavage activities with molecular docking and experimental studies

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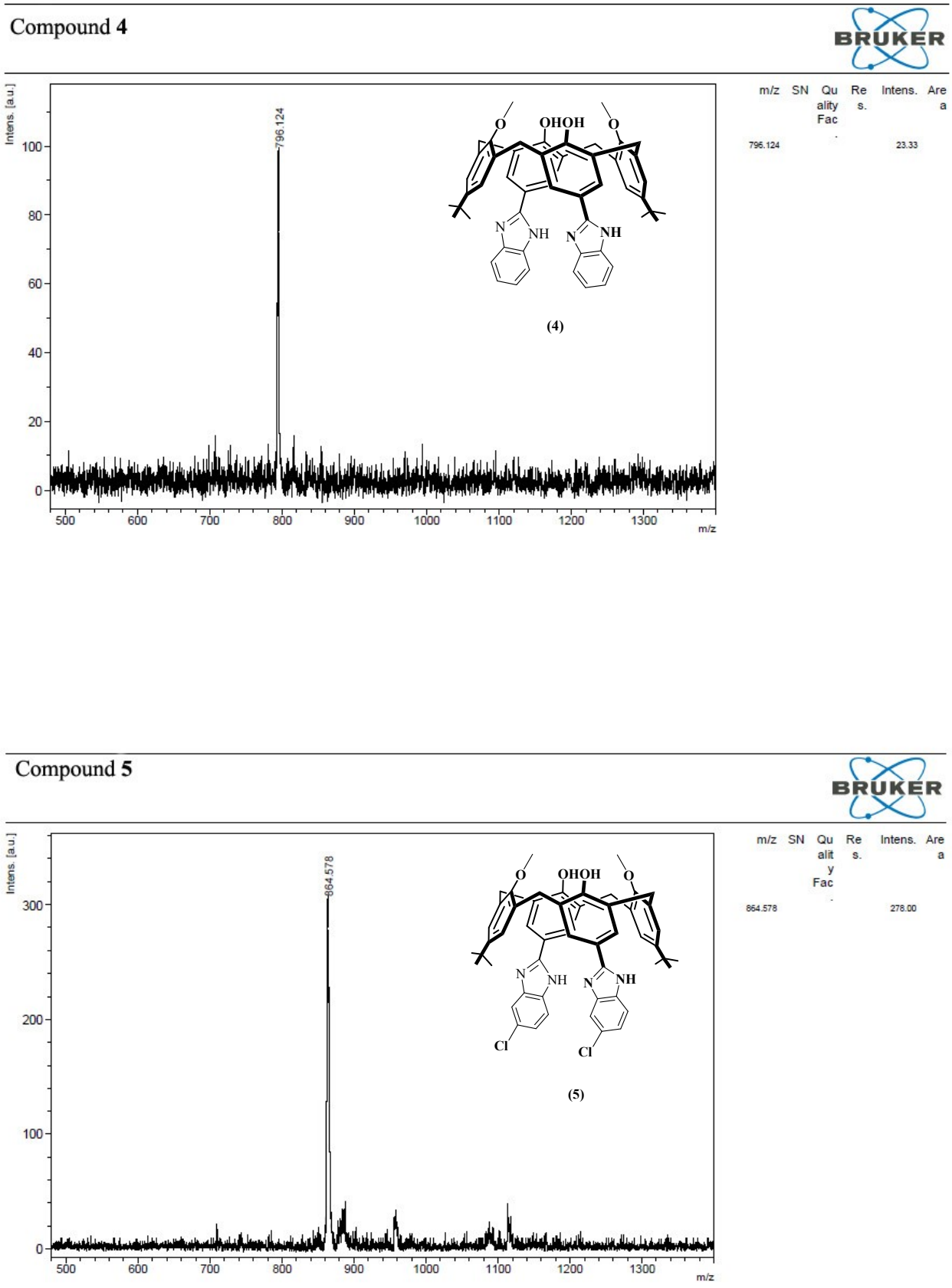


Figure S1. MALDI-TOF MS spectra of compounds **4** and **5**

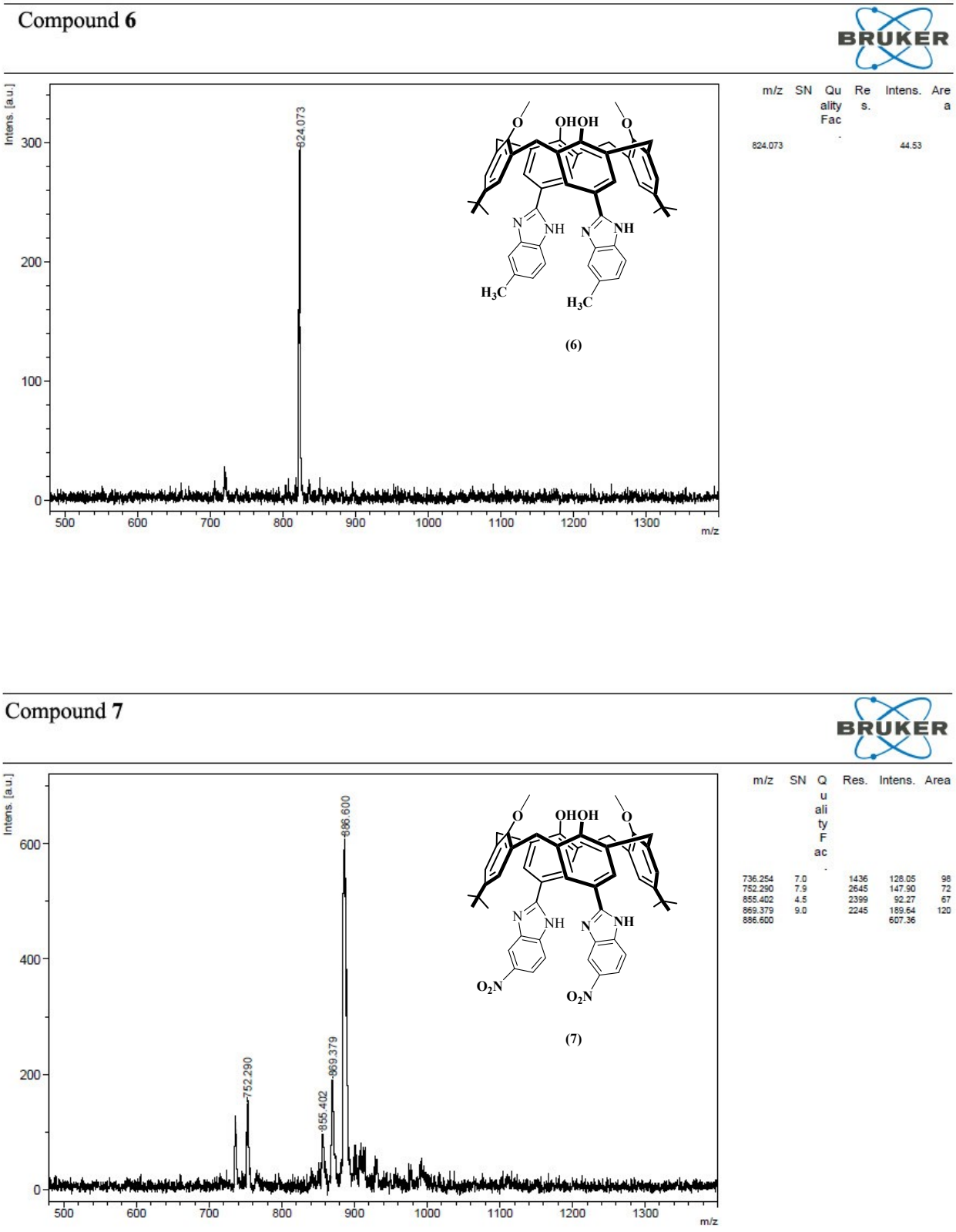


Figure S2. MALDI-TOF MS spectra of compounds **6** and **7**

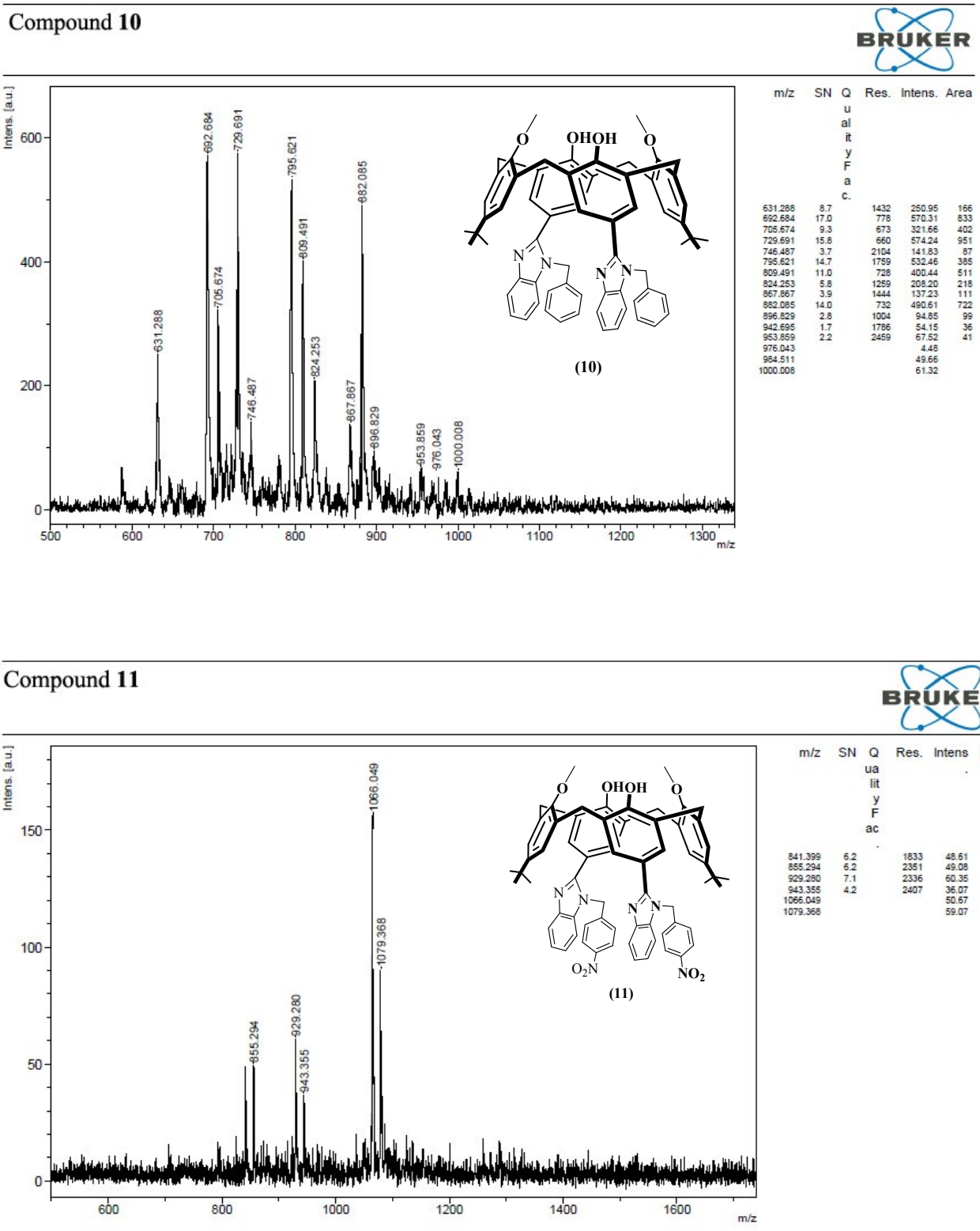


Figure S3. MALDI-TOF MS spectra of compounds **10** and **11**

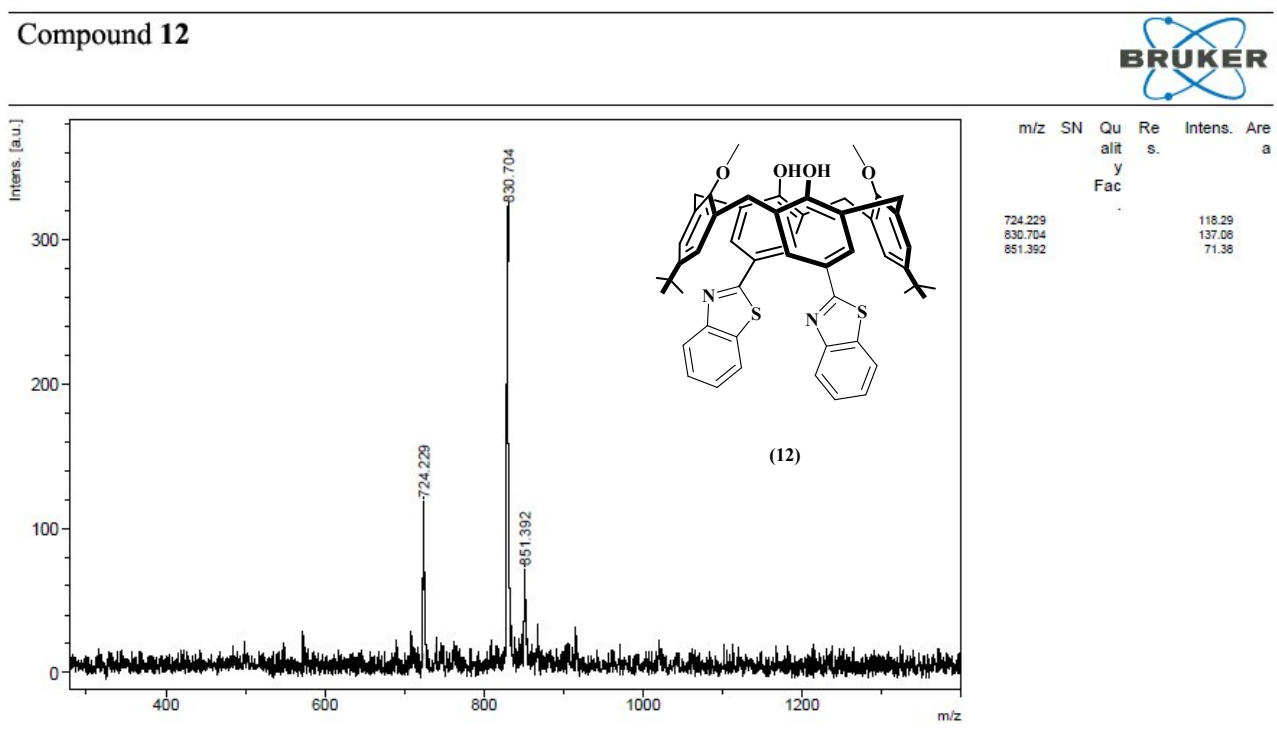
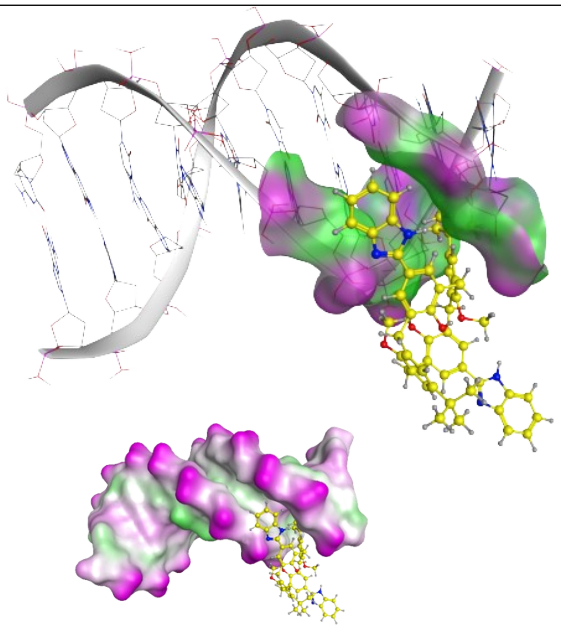
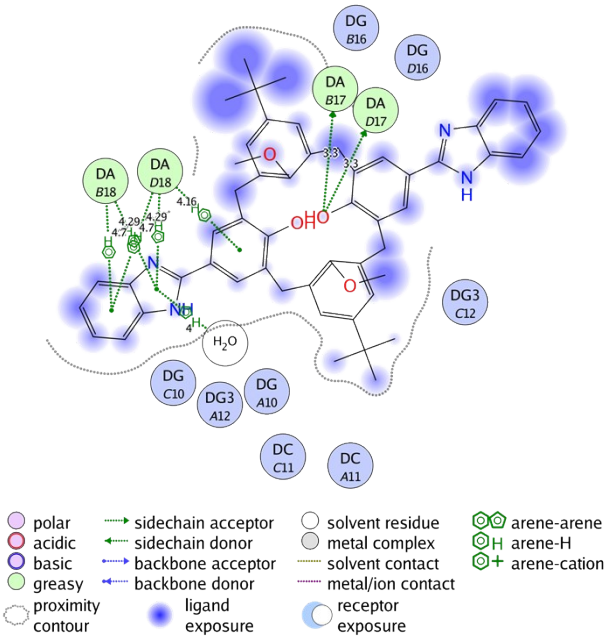
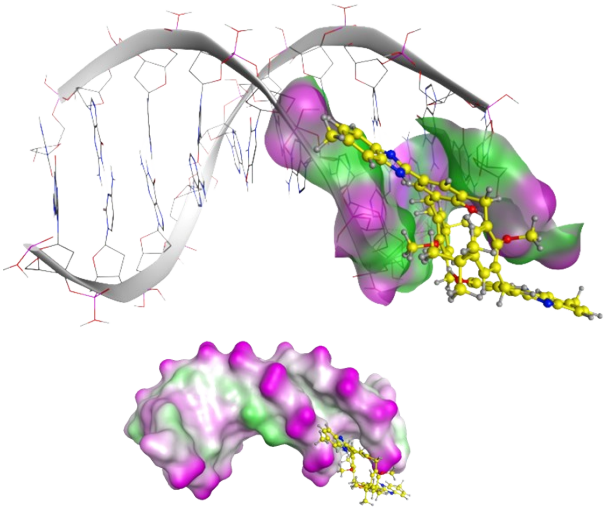
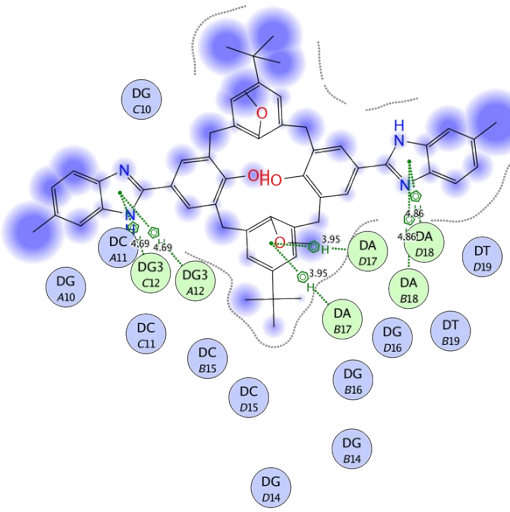
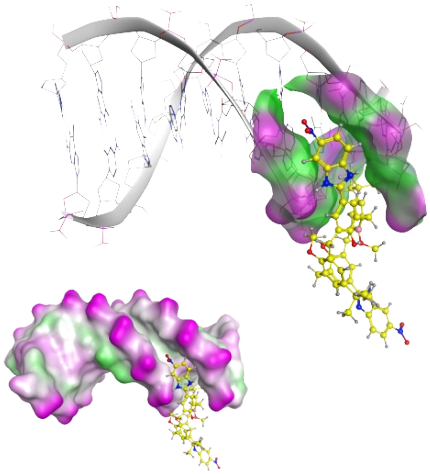
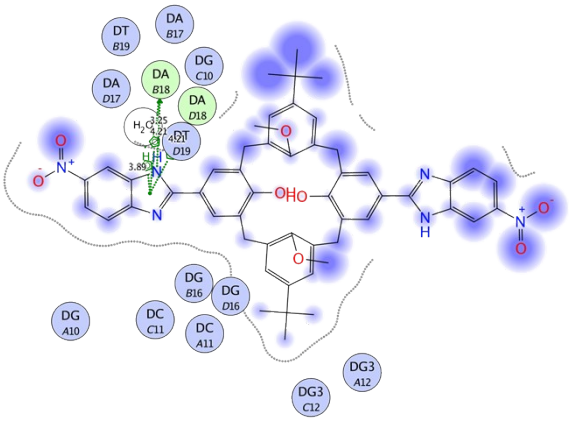


Figure S4. MALDI-TOF MS spectra of compound **12**

Compound	(a)	(b)
4		
6		
7		

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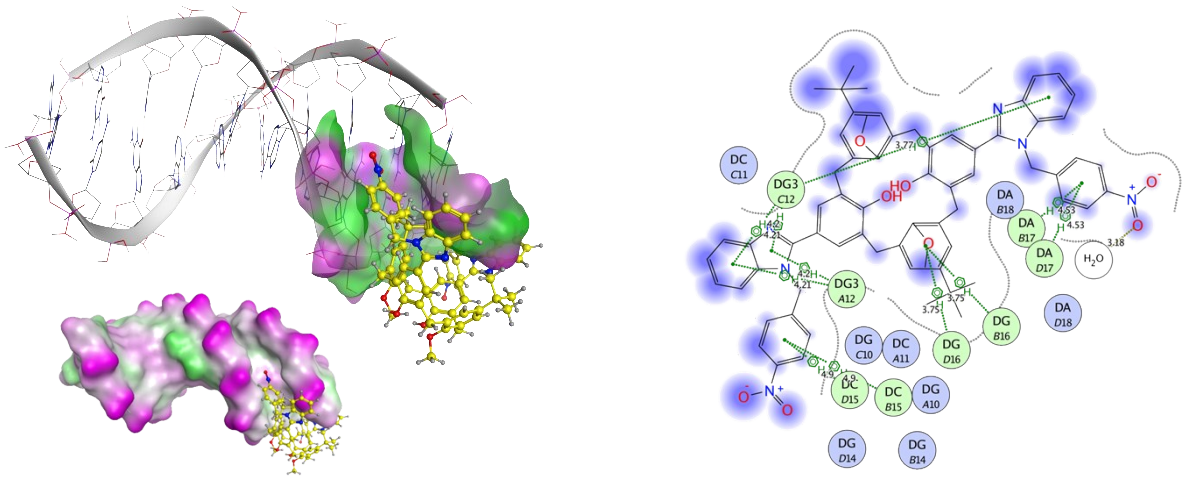

Figure S5. Three-dimensional (3D) docked structures with molecular surface representations (a) and two-dimensional (2D) interaction plots (b) obtained for the most energetically profitable poses of compound-DNA complexes (PDB ID: 1BNA).