Supporting Information

Lactoferrin Conjugated pH and Redox Sensitive Polymersomes based on PEG-S-S-PLA-PCL-OH boosts Delivery of Bacosides to Brain

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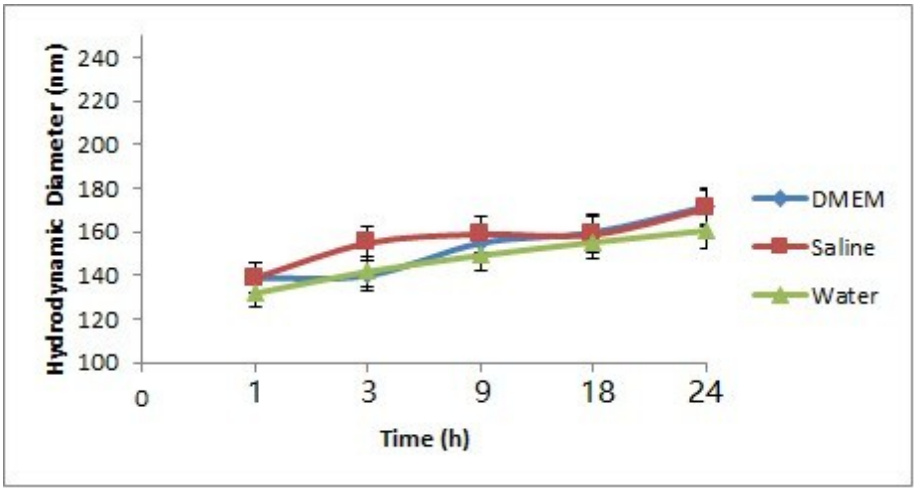
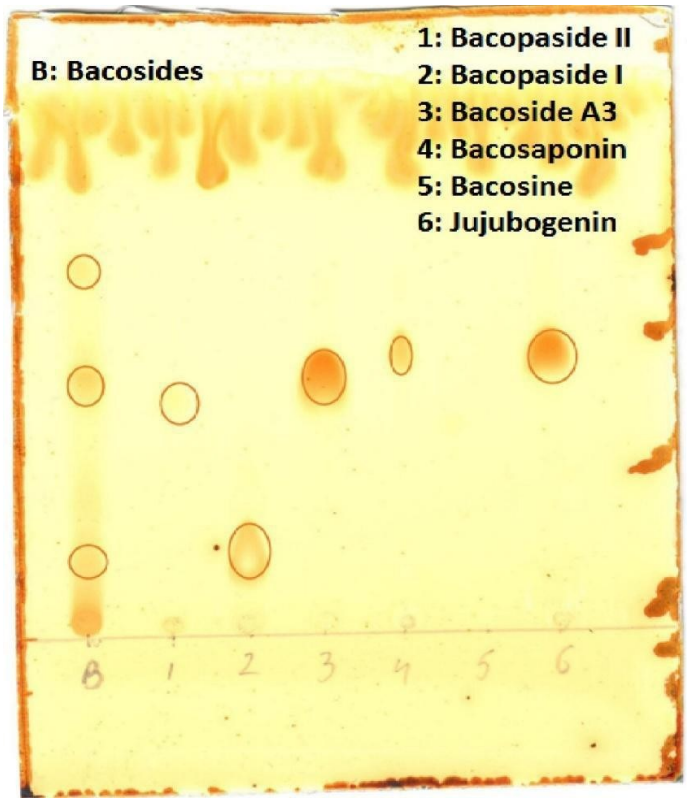
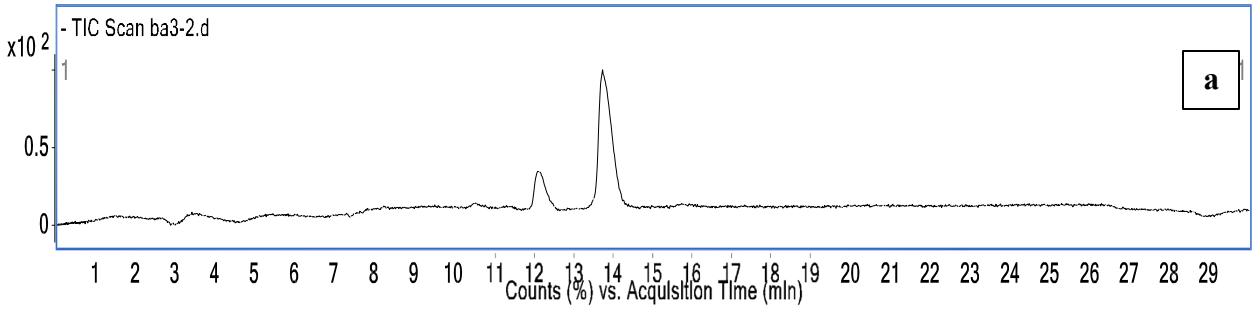
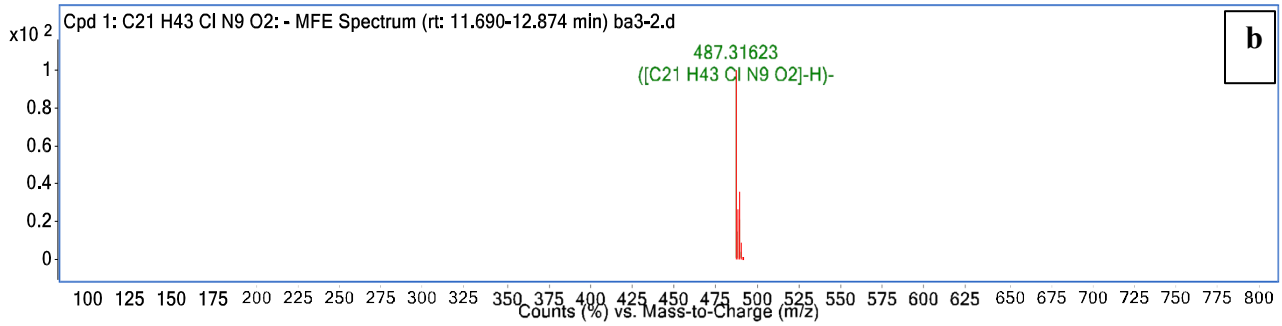


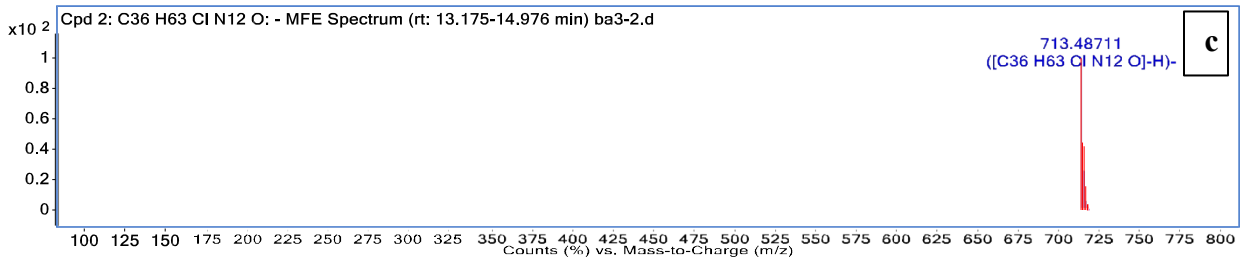
S1: Size deviation of polymersomes in various media



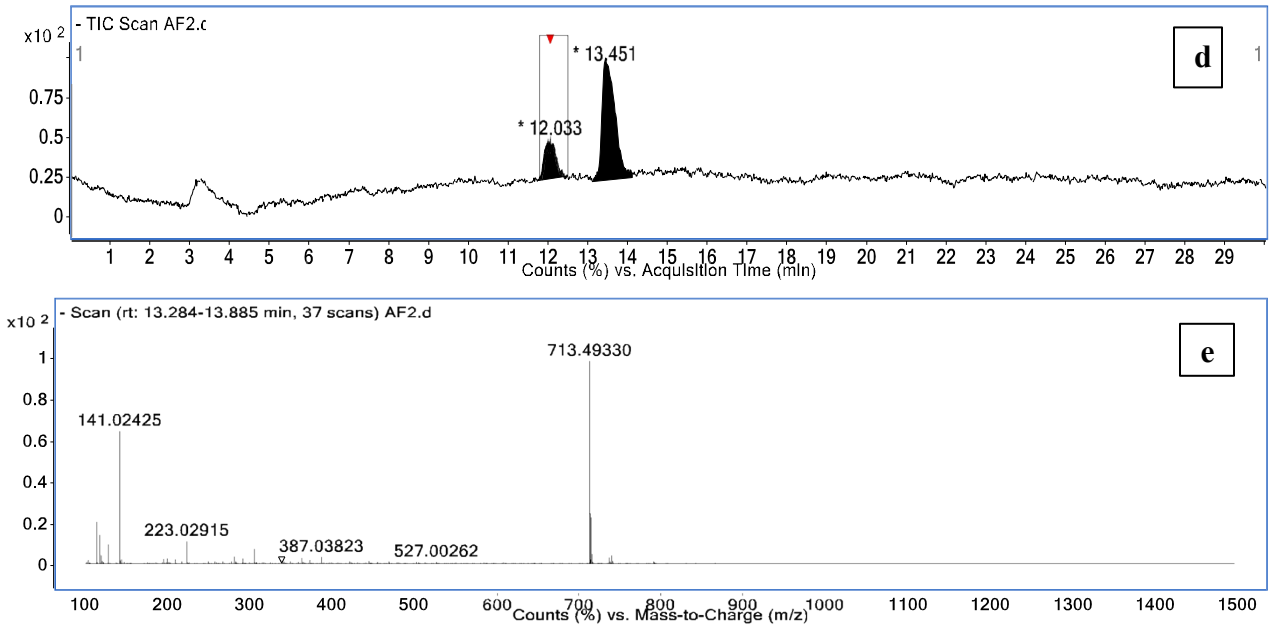
S2: TCL of Bacoside fraction



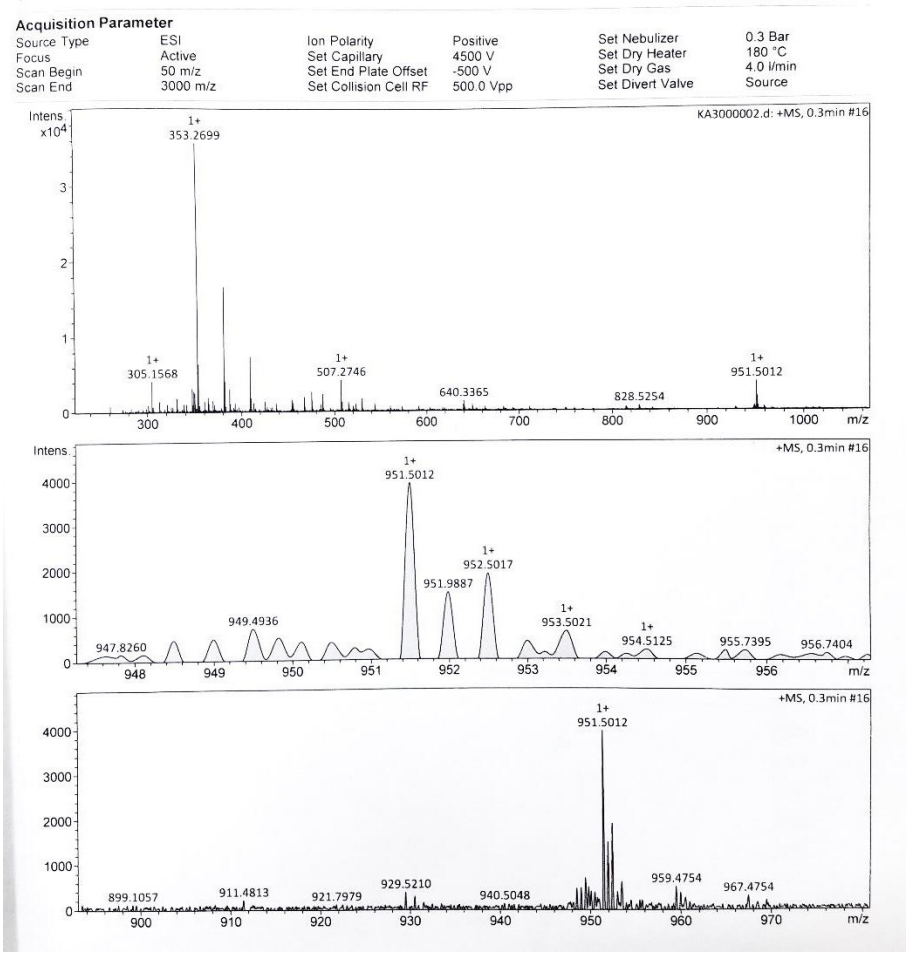




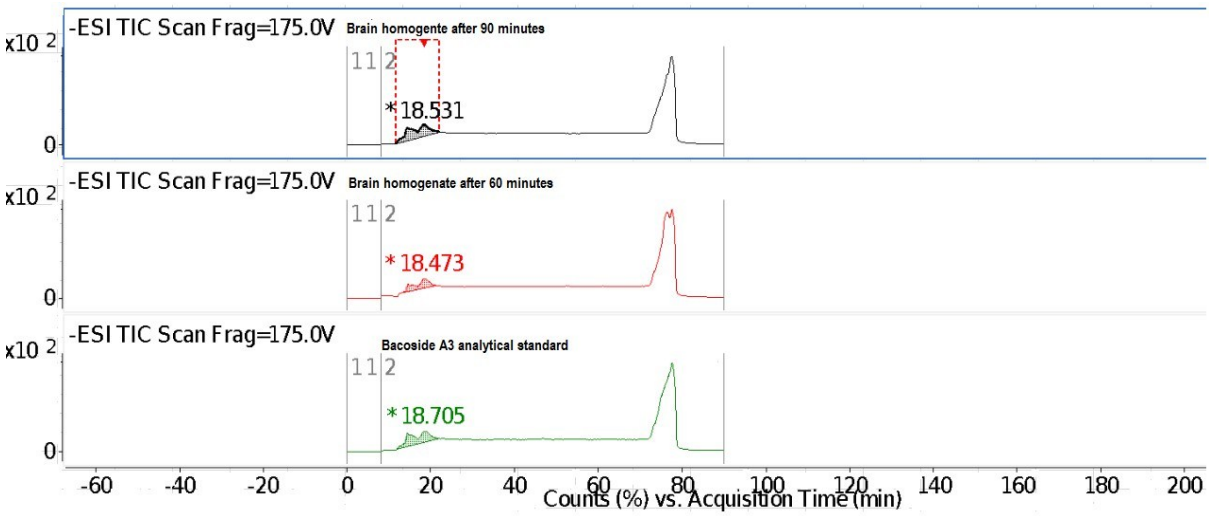
S3: Chromatogram of A: Bacoside A3 (analytical standard); LC-MS of B: peak with rt: 11.690-12.874; C: peak with rt: 13.175-14.976



S3 D: Chromatogram of Bacoside fraction; E: LC-MS of Bacoside fraction



S4: Mass spectrometry fragmentation pattern of Bacoside A3.



S5: Acquisition time of the brain homogenates and Bacoside A3 analytical standard