

Supporting Information

The Preparation of a Novel Hyperbranched Antifouling Material and Application in the Protection of Marine Concrete

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Figure S1 Fitting curve of the relationship between BSA concentration and absorbance.

Figure S2 Fitting curve of the relationship between *P. tricornutum* cell concentration and absorbance

Figure S3 HPLC curves of HPG

Figure S4 ¹H-NMR of HPG

Figure S5 ¹²C-NMR of HPG

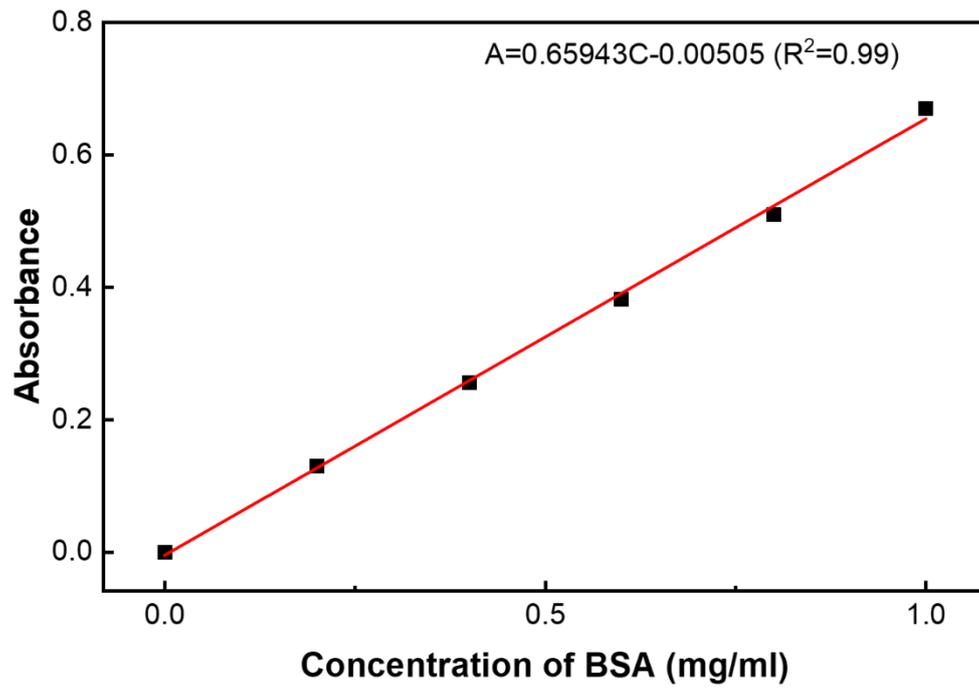


Figure S1 Fitting curve of the relationship between BSA concentration and absorbance

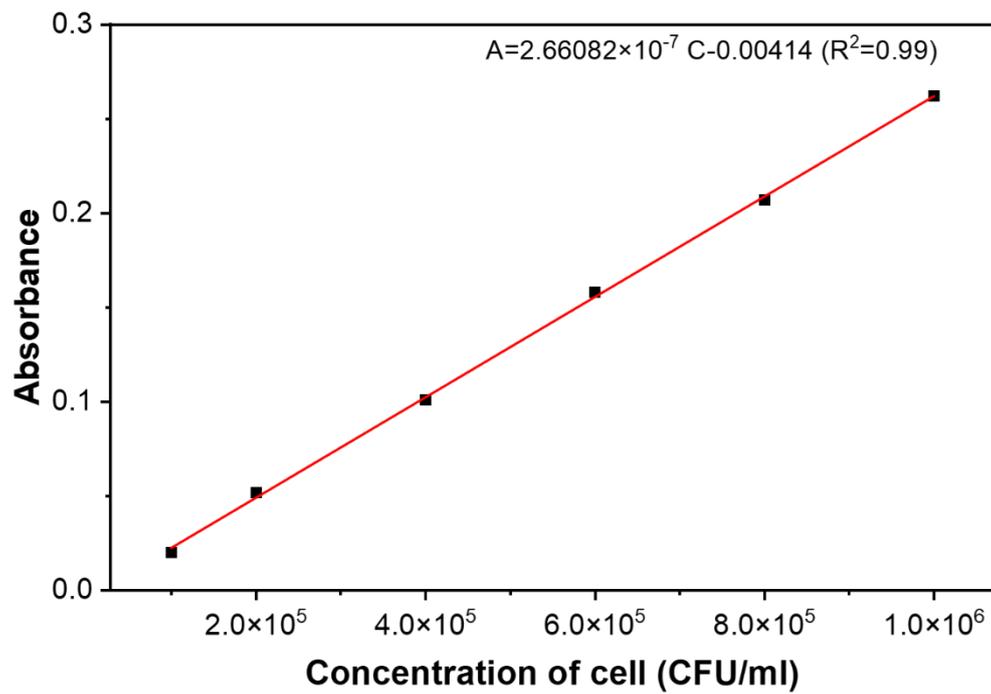


Figure S2 Fitting curve of the relationship between cell concentration and absorbance of *P. tricornutum*

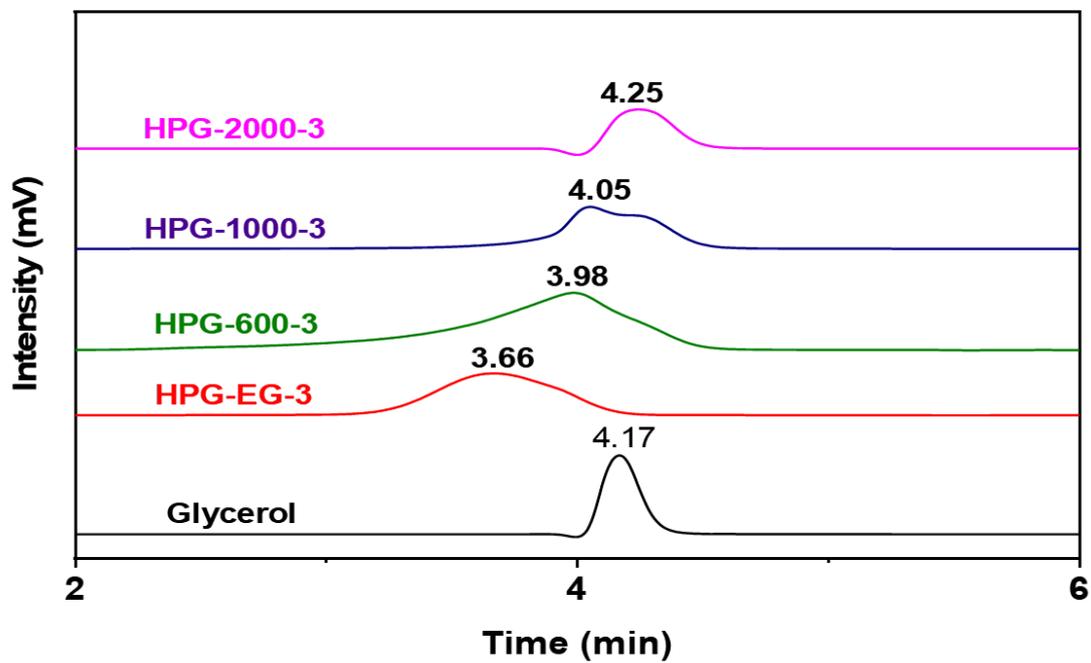


Figure S3 HPLC curves of HPG

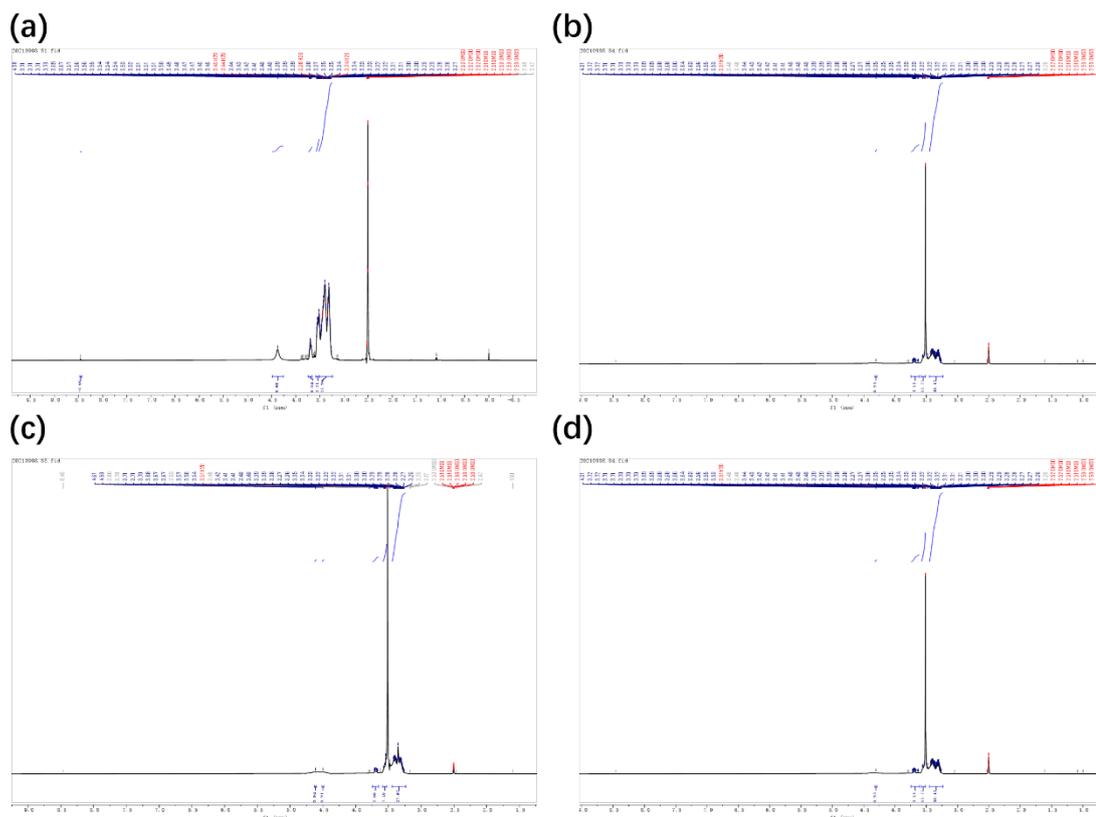
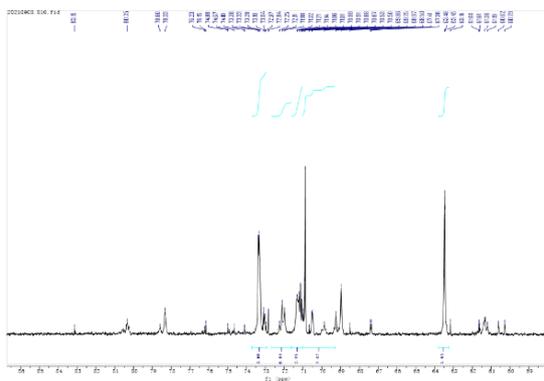
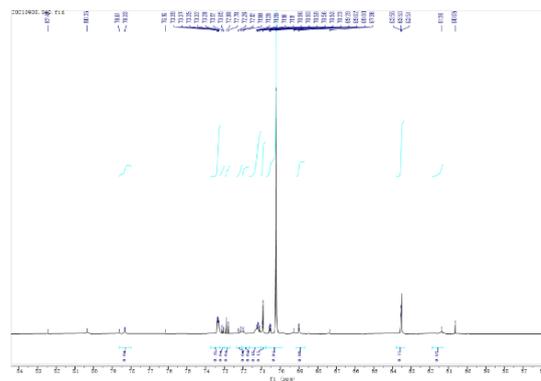


Figure S4 $^1\text{H-NMR}$ of HPG: (a) HPG-EG-3; (b) HPG-600-3; (c) HPG-1000-3; (d) HPG-2000-3

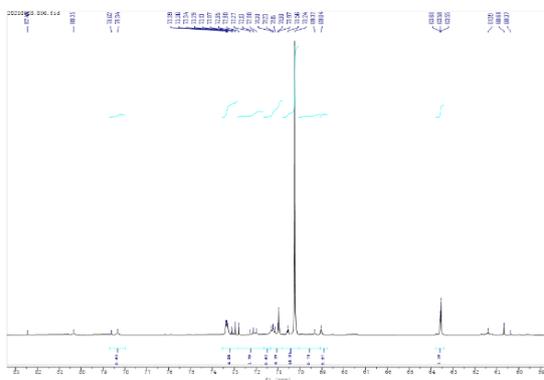
(a)



(b)



(c)



(d)

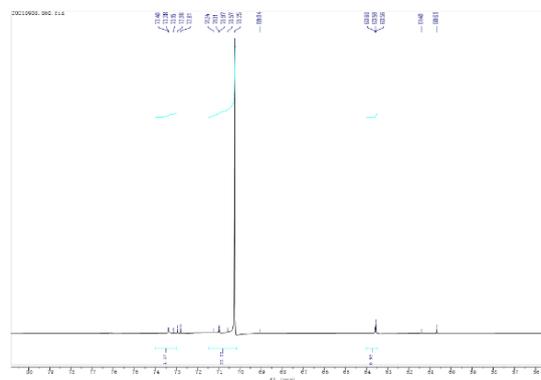


Figure S5 ¹²C-NMR of HPG: (a) HPG-EG-3; (b) HPG-600-3; (c) HPG-1000-3; (d) HPG-2000-3