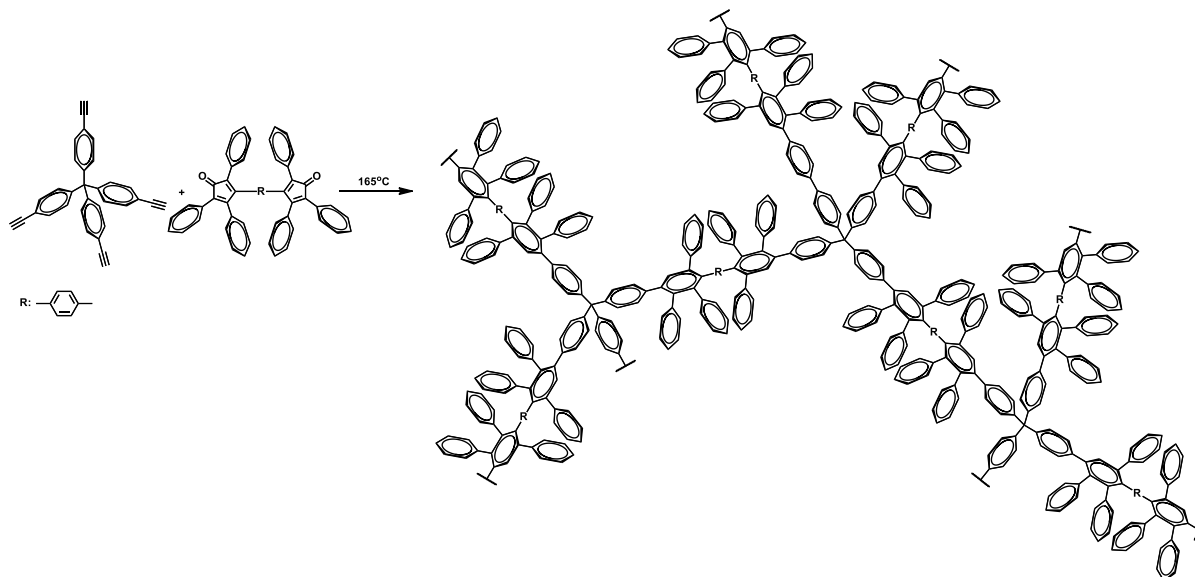


**Electronic supplementary information**  
**EFFECT OF SOLVENTS ON POROUS PROPERTIES OF**  
**MICROPOROUS POLYPHENYLENES**

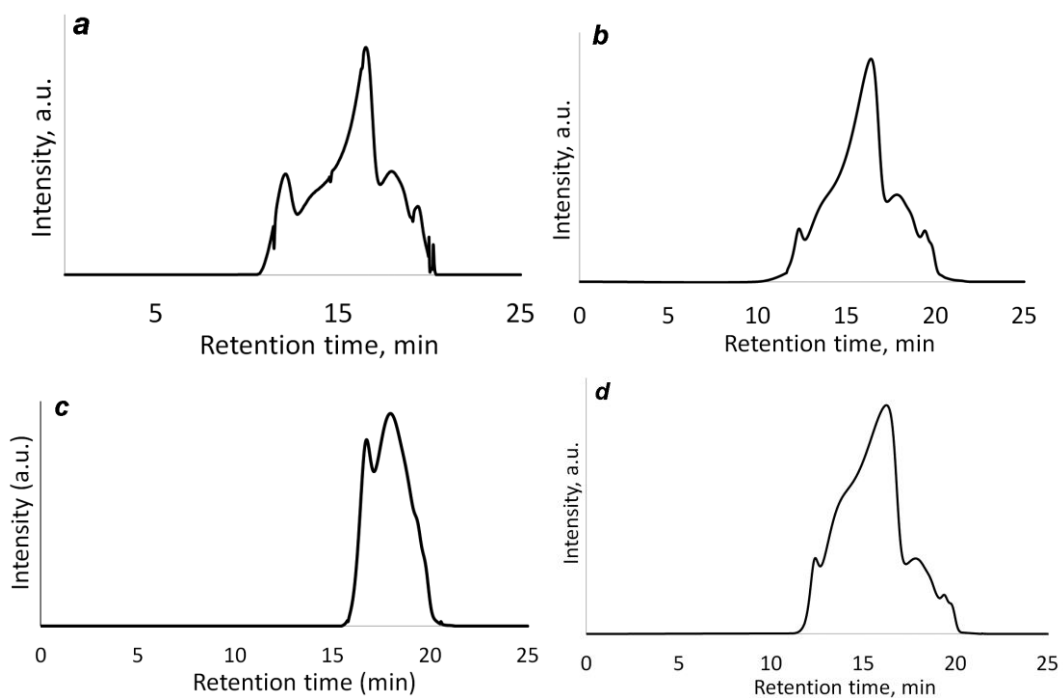
S. A. Sorokina,<sup>\*a</sup> N. V. Kuchkina,<sup>a</sup> T. D. Patsaev,<sup>b</sup> and Z. B. Shifrina<sup>a</sup>

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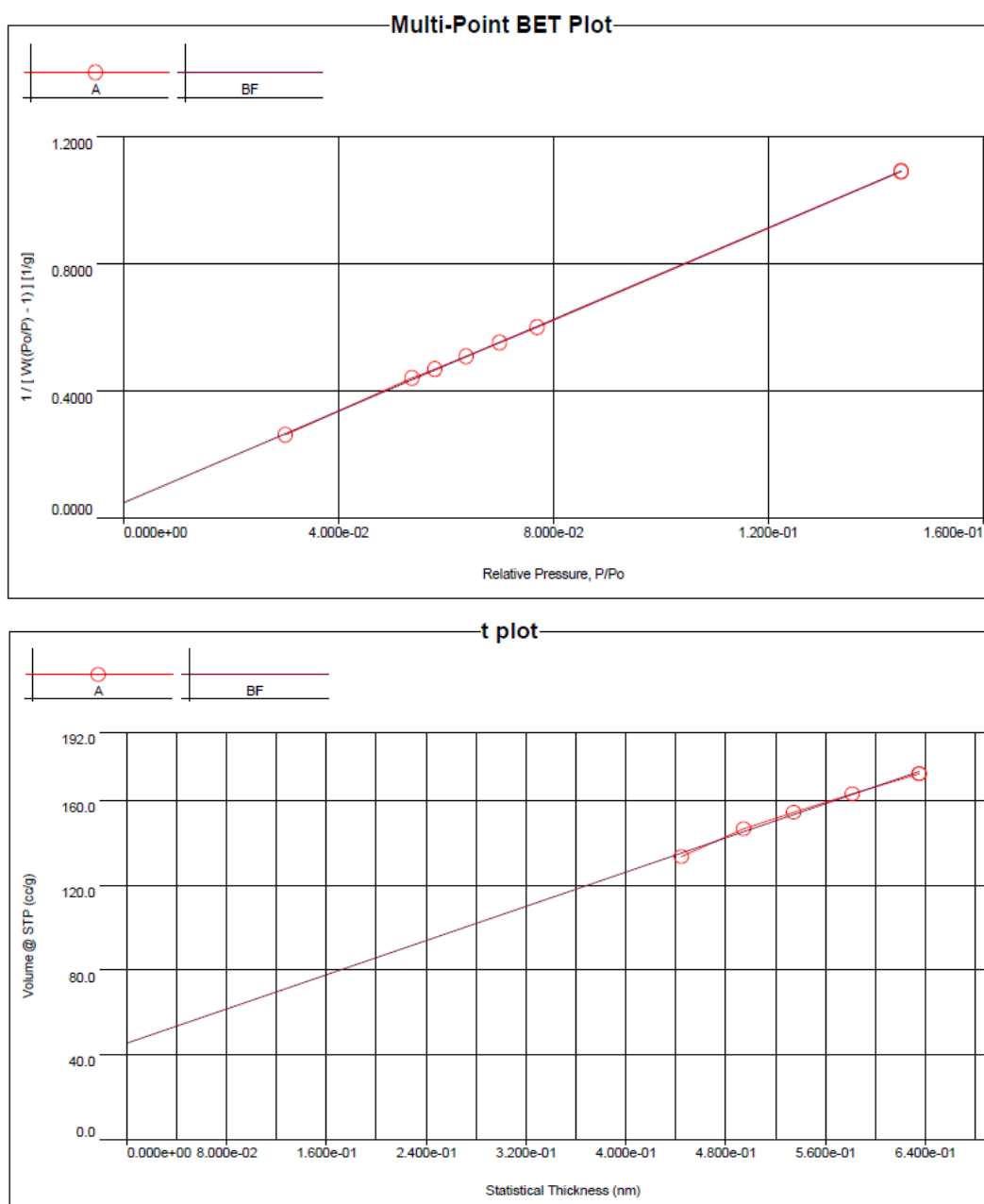
<sup>b</sup> National Research Centre "Kurchatov Institute", pl. Akademika Kurchatova 1,  
Moscow, 123182 Russia



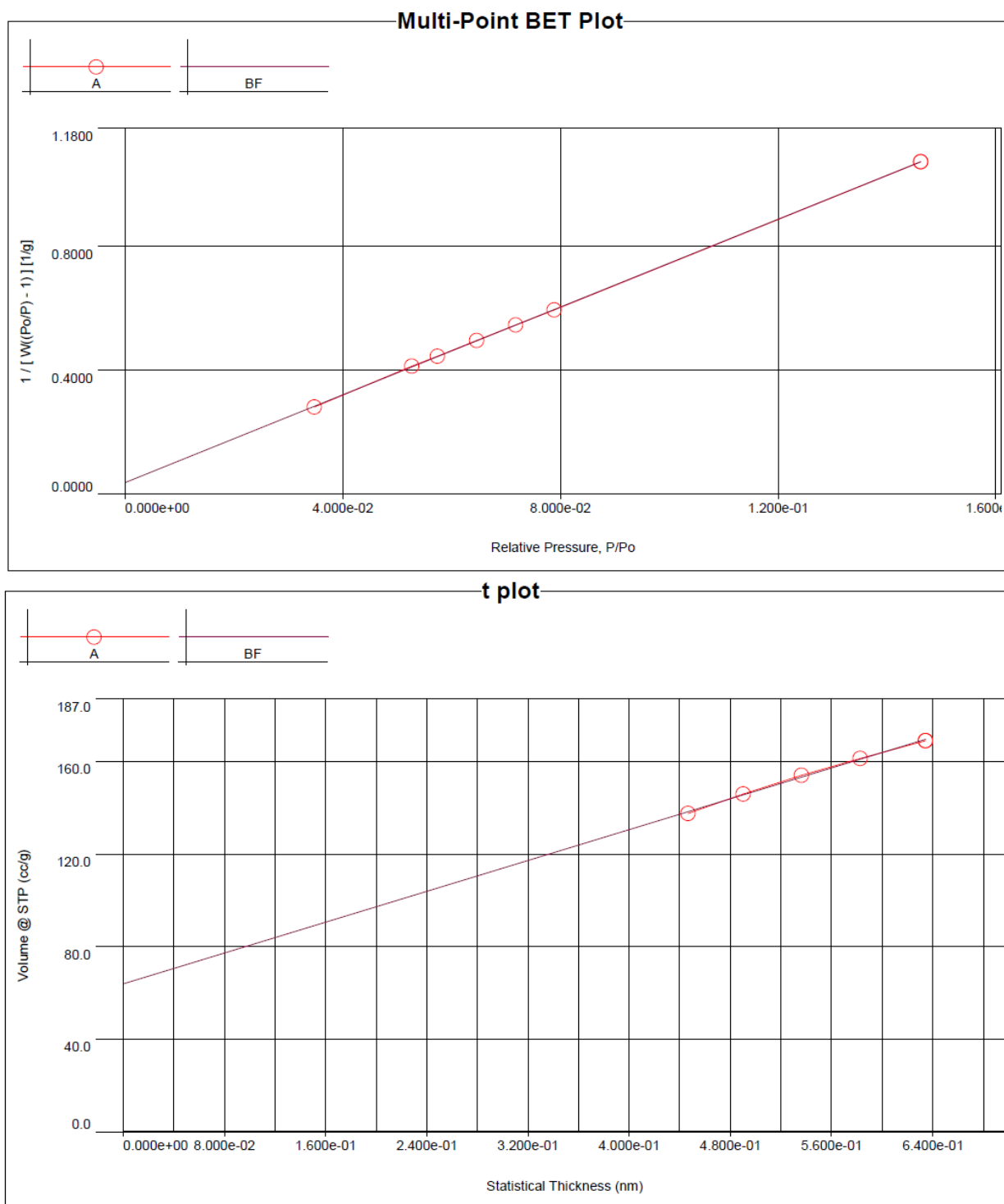
**Figure S1.** General scheme for the synthesis of microporous polyphenylenes.



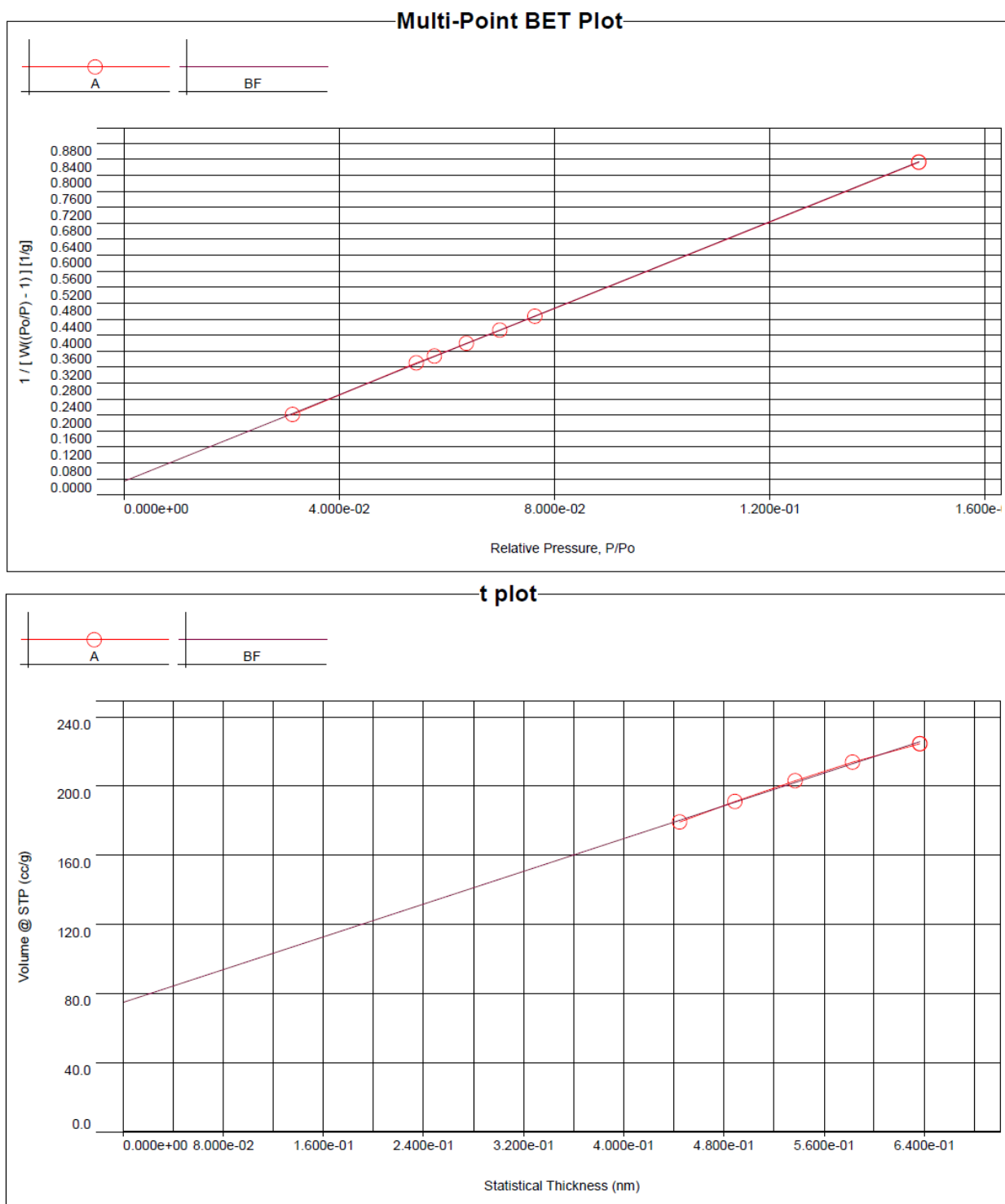
**Figure S2.** GPC curves of the PPS samples: 1 (*a*), 2 (*b*), 3 (*c*), 4 (*d*).



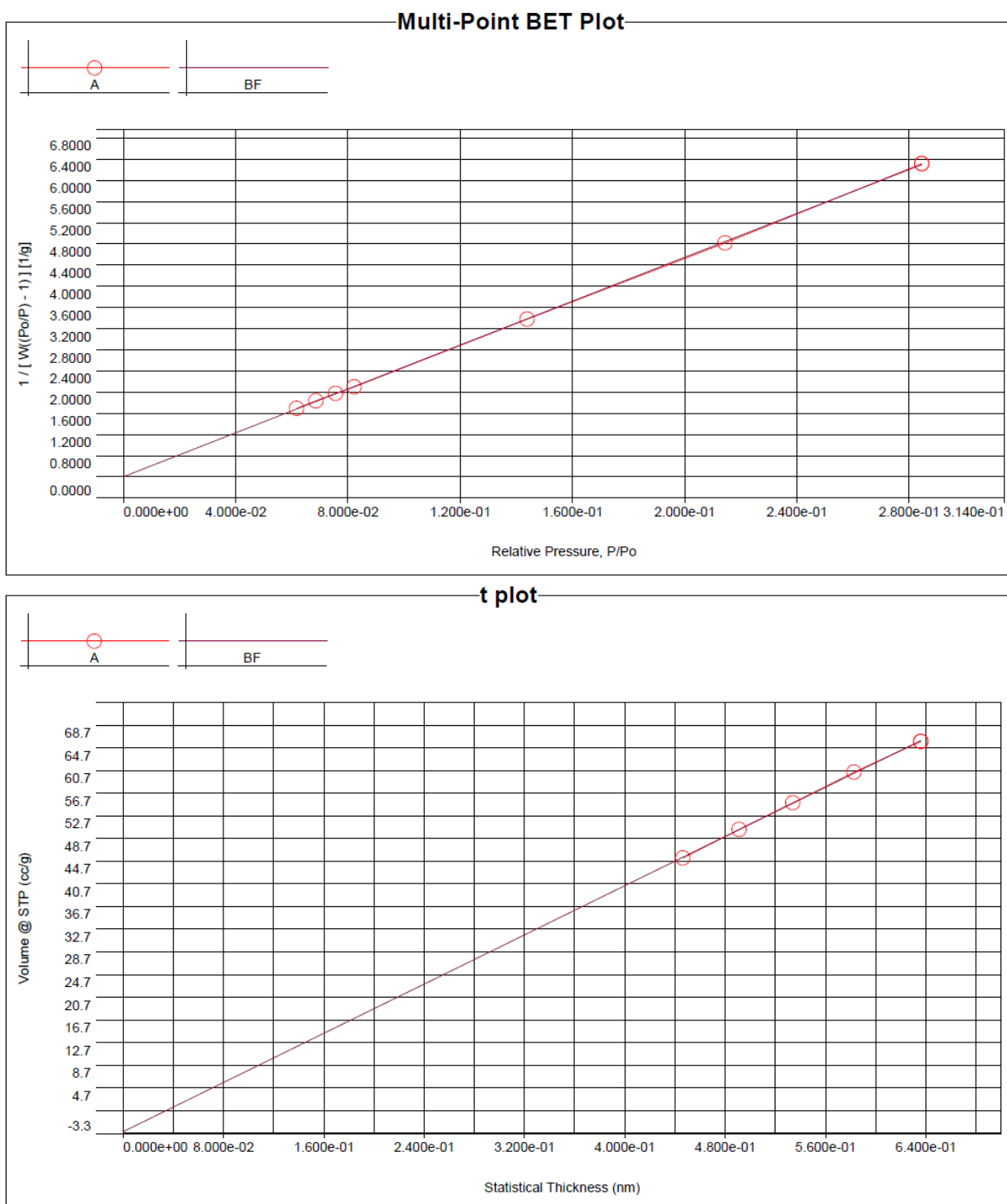
**Figure S3.** BET- and t-plots of polymer 1.



**Figure S4.** BET- and t-plots of polymer 2.



**Figure S5.** BET- and t-plots of polymer 3.



**Figure S6.** BET- and t-plots of polymer 4.

De Boer equation used in the calculations by the t-plot method:

$$t(A) = \left[ \frac{13.99}{\log\left(\frac{P_0}{P}\right) + 0.034} \right]^{1/2}$$