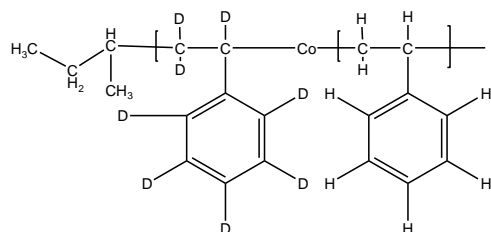


Sample Name: Random Copolymer
Deuterated Poly (Styrene (d8)-co-Styrene)

Sample #: P14251C-dPSSran

Structure:



Composition: dPs: 90 wt%

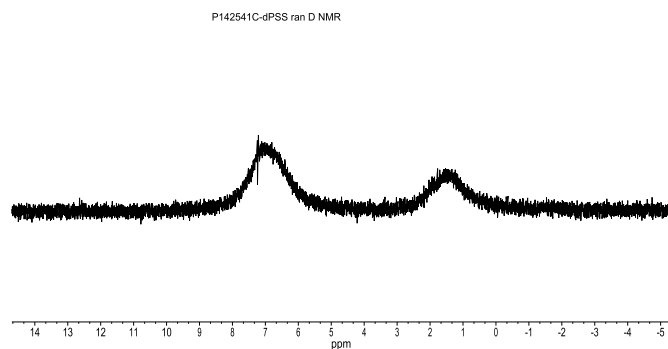
Mn x 10 ³ dPSS ran	PDI
38.0	2.0

Synthesis: The polymer was synthesized by anionic polymerization process.

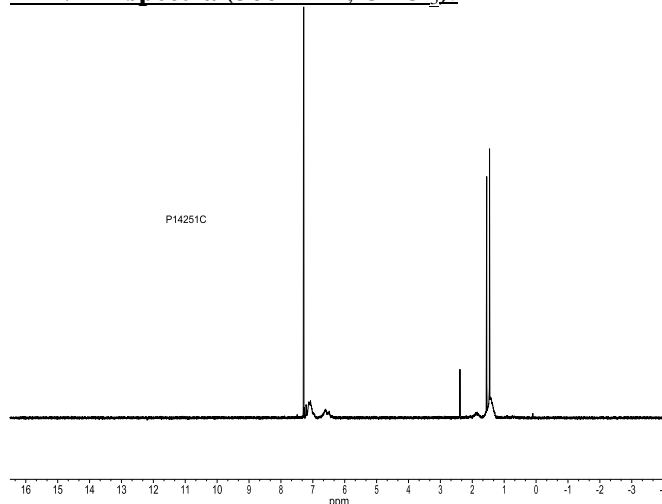
Characterization:

Size exclusion chromatography (SEC): Varian liquid chromatograph equipped with light scattering detector and refractive detector (Viscotek model 270) .

²H NMR (500 MHz, CHCl₃)



¹H NMR spectra (500 MHz, CDCl₃):



SEC elugram of d₈PS-S protonate random copolymer:

P14251C-dPSSran

