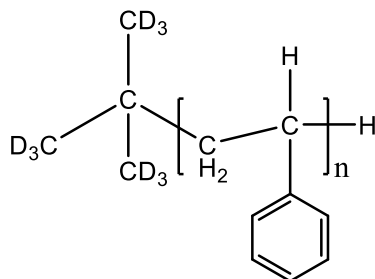


Sample Name: Poly(styrene), hydrogen-containing polymer with deuterated tBu-d9 end-group

Sample #: P42246-S-d9tBu

Structure:



Composition:

Mn x 10 ³	PDI
27.0	1.08

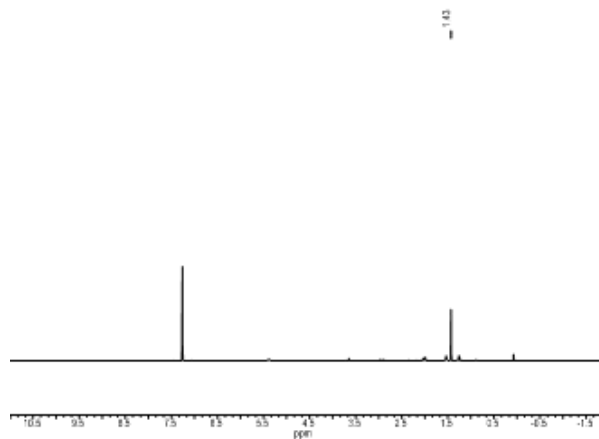
Synthesis Procedure:

Polymer was synthesized by living anionic polymerization of Protonated styrene monomer using d9 tert.butyl- lithium initiator.

Characterization:

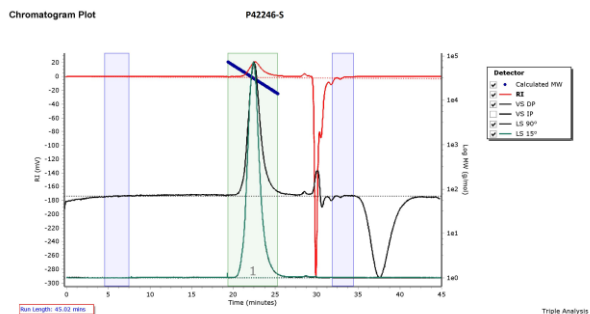
The product was characterized by size exclusion chromatography (SEC) and D NMR.

DNMR spectrum of the polymer:



SEC elugram of the polymer:

Agilent GPC/SEC Software



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	29831	27178	29446	32030	35161	31476	1.083