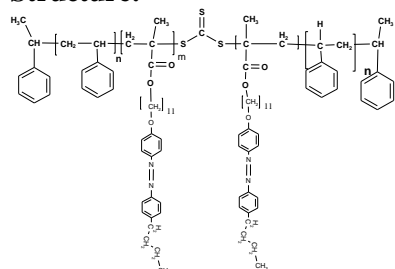


Sample Name: Poly(styrene-b-Azomethacrylate-b-Styrene)
(AZoMA=11-[4-(4-butylphenylazo)phenoxy]-undecyl methacrylate)

Sample #: P16293B-SAZOMAS

Structure:

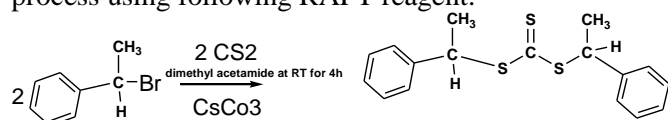


Composition:

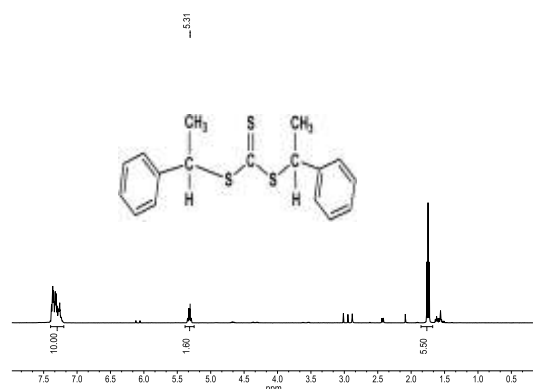
Mn x 10 ³	PDI
3.0-b-16.0-b-3.0	1.19

Synthesis Procedure:

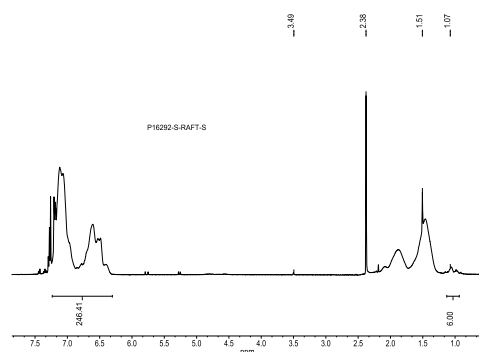
The polymer is prepared by RAFT polymerization process using following RAFT reagent:



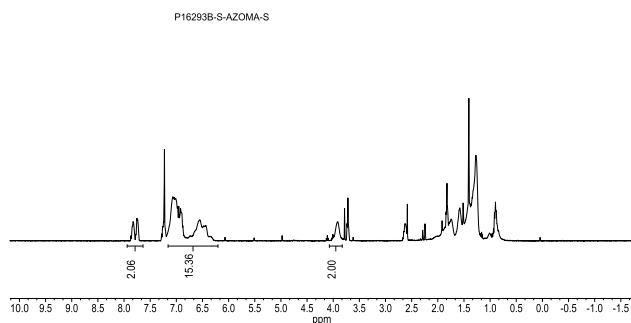
¹H NMR of the RAFT reagent:



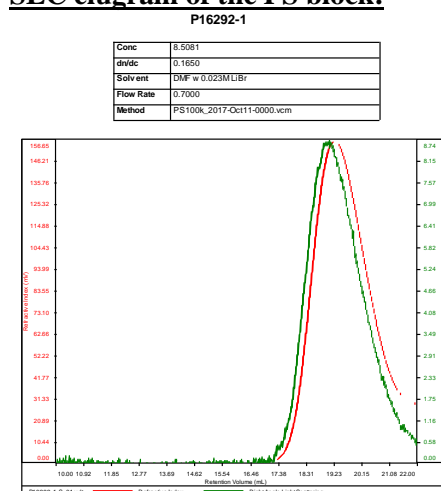
¹H NMR spectrum of the PS block:



¹H NMR of the Block Copolymer:



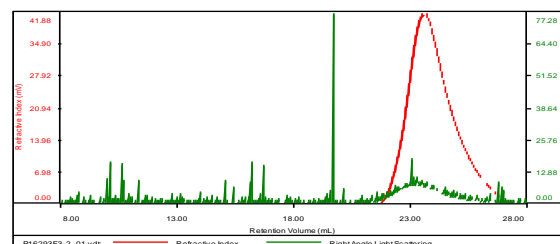
SEC elugram of the PS block:



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16292-1-S_01.vdt	5,974	6,354	6,345	1.064	0.0579

SEC elugram of the Block Copolymer:

Concentration (mg/mL)	0.5334
Sample dn/dc (mL/g)	0.1000
Method File	PS100K-SEPT19-2017-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P16293F3-2_01.vdt	22,681	27,184	1.199	0.0502	21,820