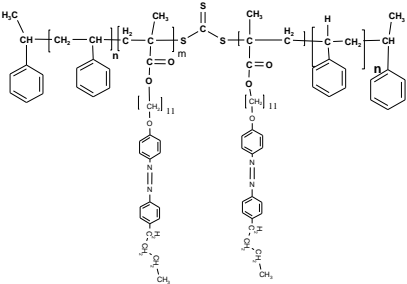


Sample Name: **Poly(styrene-b-Azomethacrylate-b-Styrene)**
(AZoMA=11-[4-(4-butylphenylazo)phenoxy]-undecyl methacrylate)

Sample #: **P16293-SAZOMAS**

Structure:

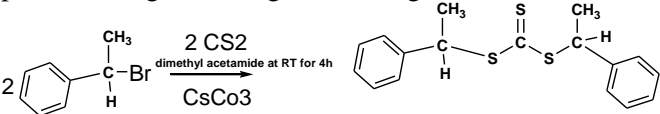


Composition:

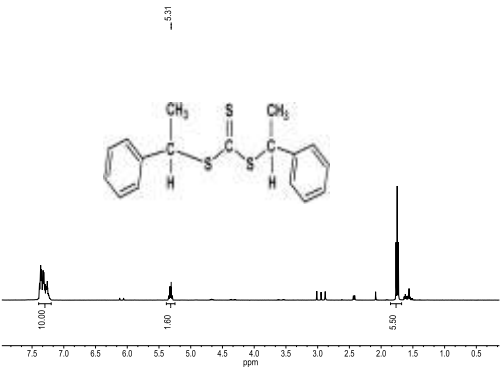
Mn x 10 ³	PDI
3.0-b-87.0-b-3.0	1.18

Synthesis Procedure:

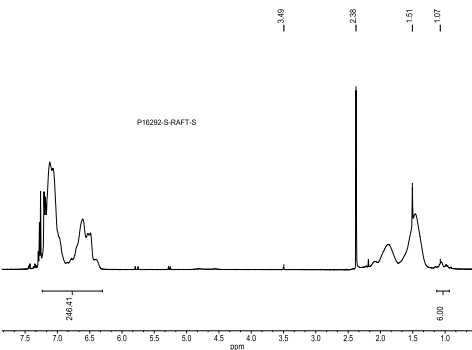
The polymer is prepared By RAFT polymerization process using following RAFT reagent:



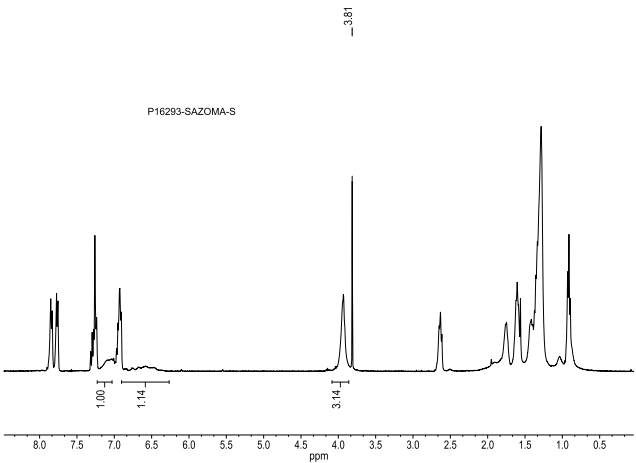
¹H NMR of the RAFT reagent:



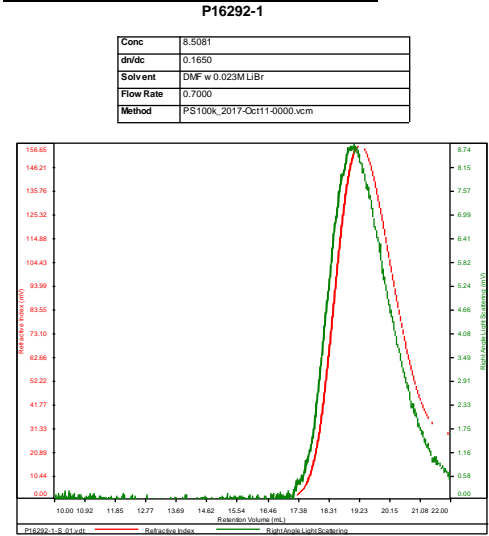
¹H NMR spectrum of the Polymer PS block



HNMR of the Block Copolymer:

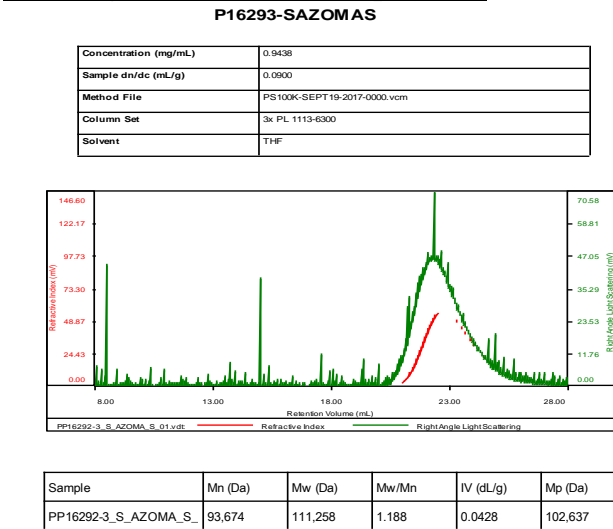


SEC elugram of the PS block:



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

SEC elugram of the Block Copolymer:



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
PP16292-3_S_AZOMA_S_	93,674	111,258	1.188	0.0428	102,637