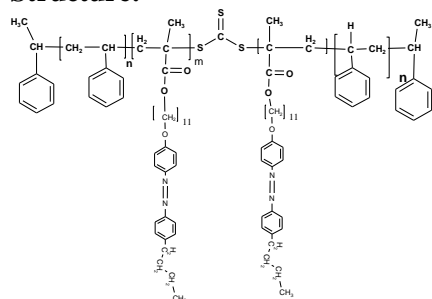


**Sample Name:** Poly(styrene-*b*-Azomethacrylate-*b*-**Styrene**)  
(AZoMA=11-[4-(4-butylphenylazo)phenoxy]-undecyl methacrylate)

**Sample #:** P16293A-SAZOMAS

**Structure:**

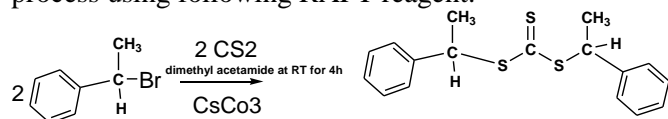


**Composition:**

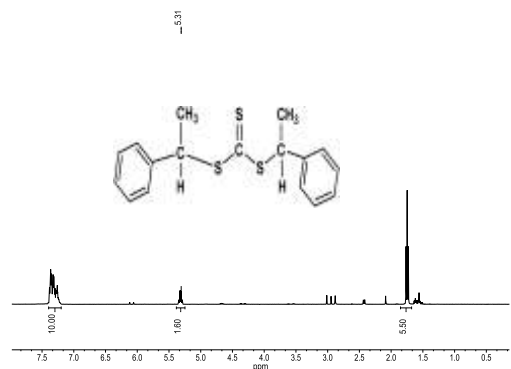
Mn x 10 <sup>3</sup>	PDI
3.0-b-24.0-b-3.0	1.18

**Synthesis Procedure:**

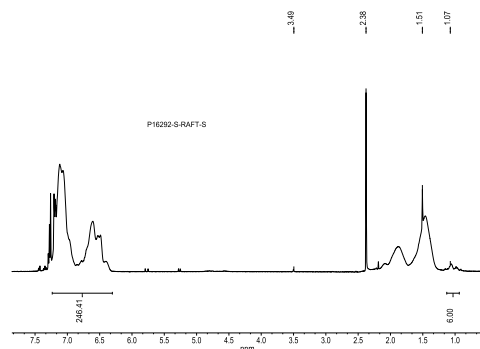
The polymer is prepared By RAFT polymerization process using following RAFT reagent:



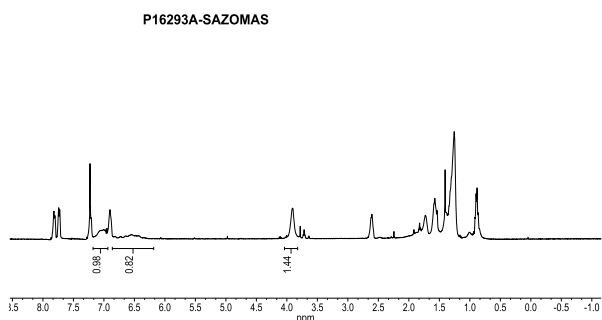
**<sup>1</sup>H NMR of the RAFT reagent:**



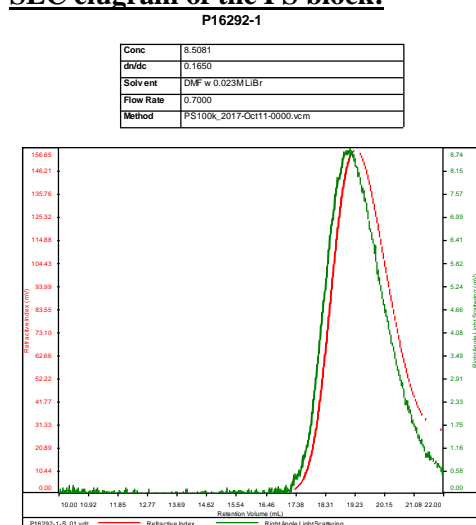
**<sup>1</sup>H NMR spectrum of the PS block:**



**HNMR of the Block Copolymer:**

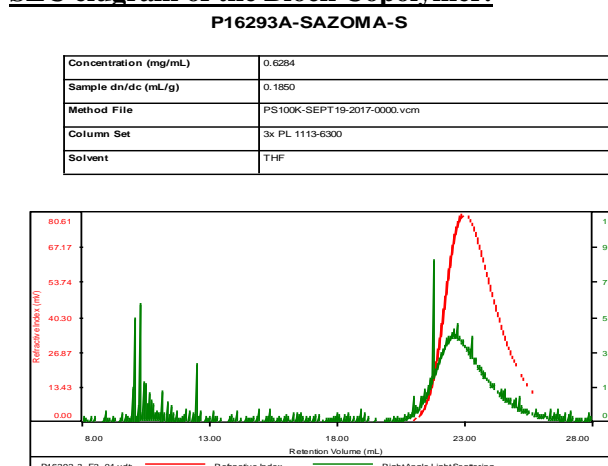


**SEC elugram of the PS block:**



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:**



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P16292-3_F2_01.vdt	30,428	36,107	1.187	0.1158	33,833