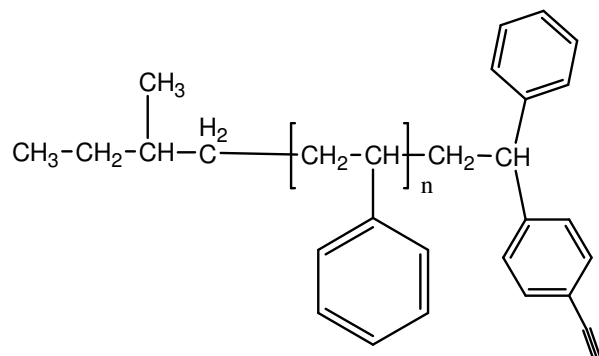
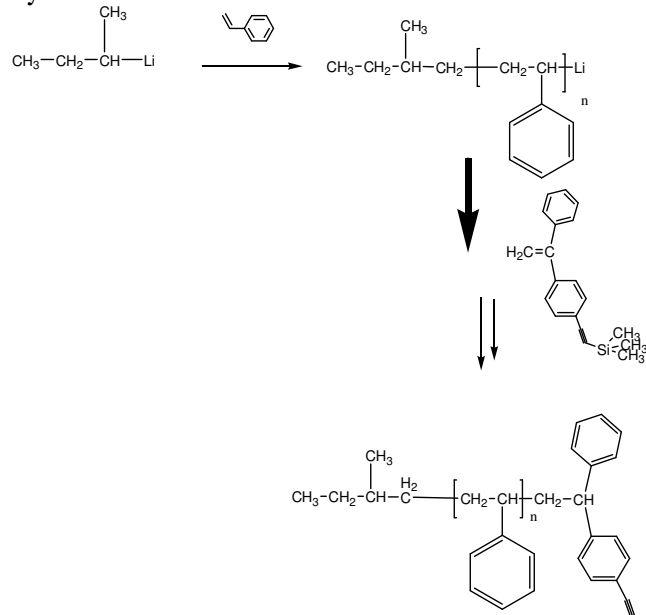


**Sample Name:**

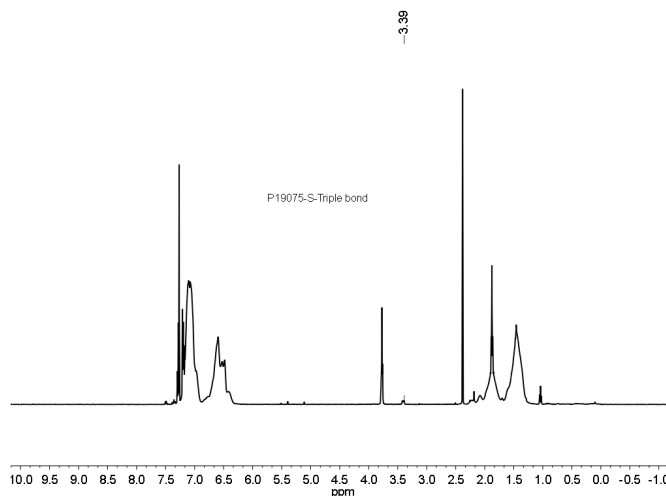
Alkyne Terminated Poly(styrene)

**Sample #:** P19075-S alkyne**Structure:****Composition:**

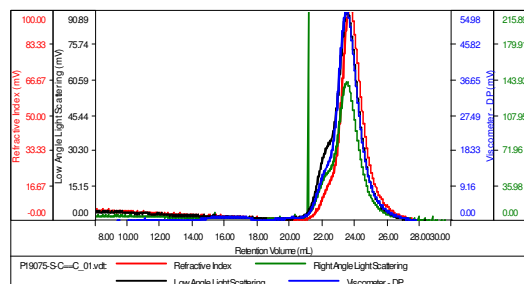
Mn x 10 <sup>3</sup>	PDI
104.0	1.18
T <sub>g</sub> for the polymer	101°C

**Synthesis Procedure:****Characterization:**

BY SEC and by HNMR

**H NMR:****SEC of Sample:****Sample ID:** P19075-S-Triple bond terminal

Concentration (mg/mL)	2.5383
Sample ch/c: (mL/g)	0.1850
Method File	PS80K-Jan22-2015-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
P19075-S-C≡C-01.vdt	104,001	122,297	103,452	1.176	0.7725

**Reference for further information:**

1. Varshney, S. K.; Song, Z.; Zhang, Jian-Xin.; Jerome, Robert. Rapid Communication; J. Polym. Sci. Part A, 2006, 44, 3400.