Sample Name:
 Poly(9-Anthracenyl methyl methacrylate)

Sample#: **P19686A-AnMMA**

Structure:
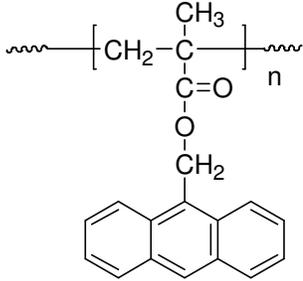
Composition:

Mn x 10^3	PDI
925.0	1.65

Characterization:

The polymer was characterized by SEC and ^{1}H NMR

Solubility:

Polymer is soluble in THF, CHCl$_3$.   In toluene the polymer swell. The polymer precipitates from hexanes, methanol and ethanol.

^{1}H NMR spectrum of monomer:

Lot# P19681-9AnMMMA
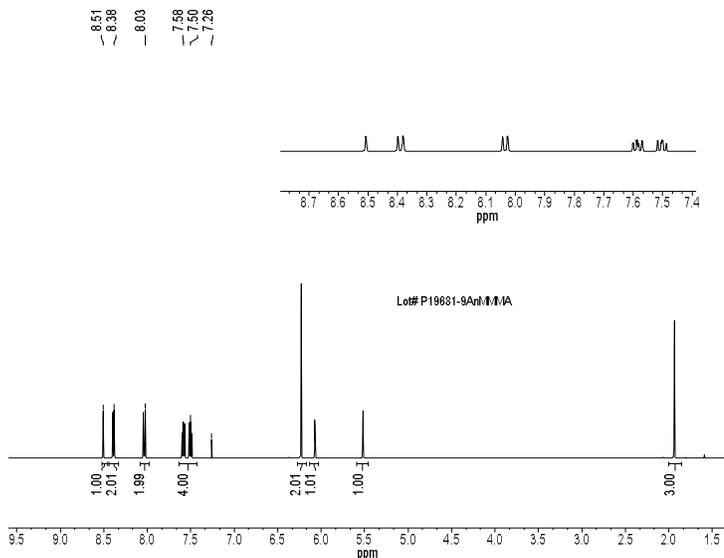
^{1}H NMR spectrum of polymer:
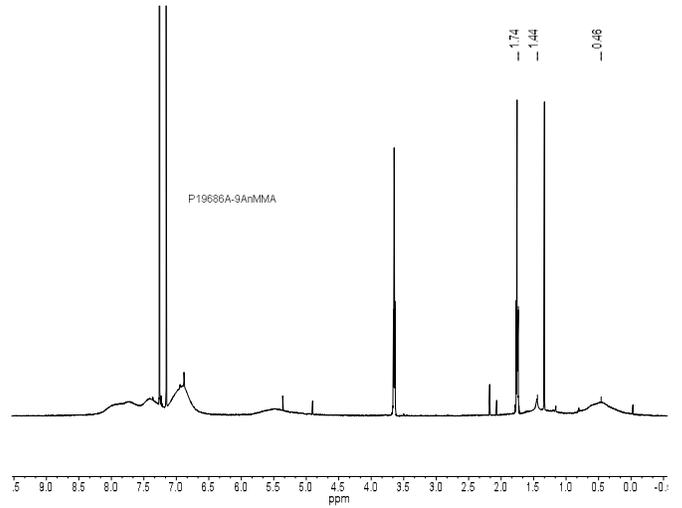
P19686A-9AnMMA

SEC elugram:

Sample ID-P19686A-9AnMMA

Concentration (mg/mL)	5.9434
Sample dn/dc (mL/g)	0.0840
Method File	PS80K-Jan-2016-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF
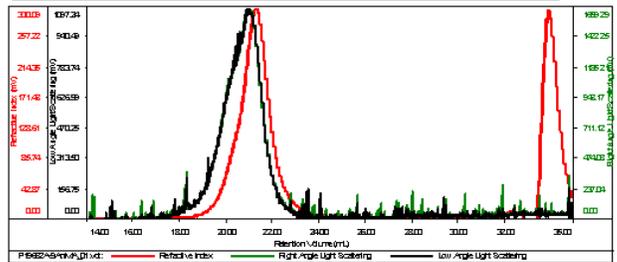
Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersi	Intrinsic Viscosity (dL/g)
-9AnMA_01.vct	925,459	1.554 e 6	1.078 e 6	1.679	0.3437