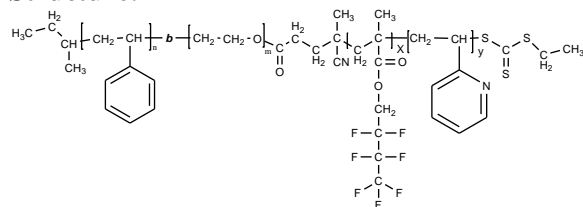


Sample Name: Poly (styrene-b-ethylene oxide-b-Hepta fluorobutylmethacrylate-b-2VP)

Sample #: P41540-SEOHFBMA2VP

Structure:



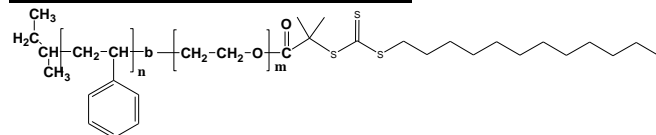
Composition:

Mn x 10 ³ S-b-EO-b-HFBMA-2VP	PDI
9.0-b-19.5-b-3.0-237.0	1.4

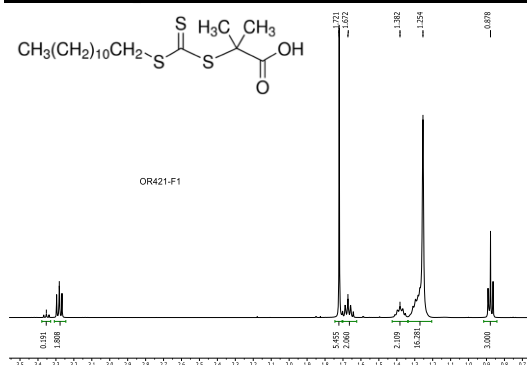
Synthesis Procedure:

The polymer was prepared by combination of anionic and RAFT polymerization process.

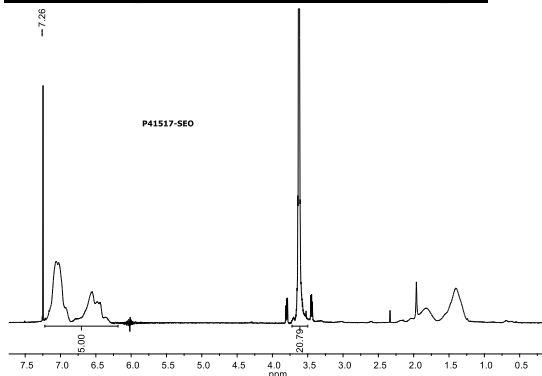
RAFT macroinitiator structure:



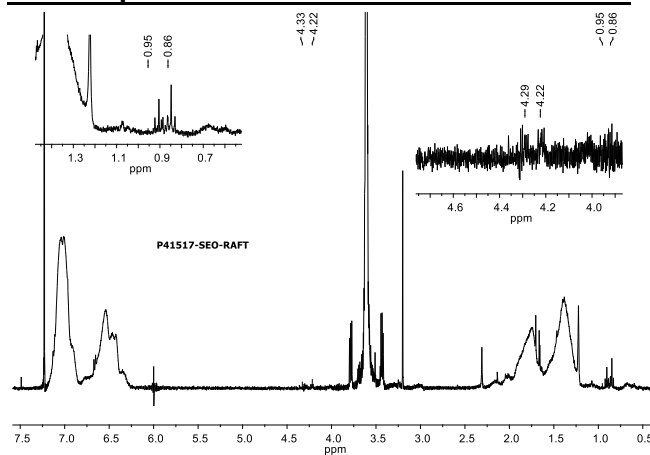
¹H NMR spectrum of the RAFT macroinitiator:



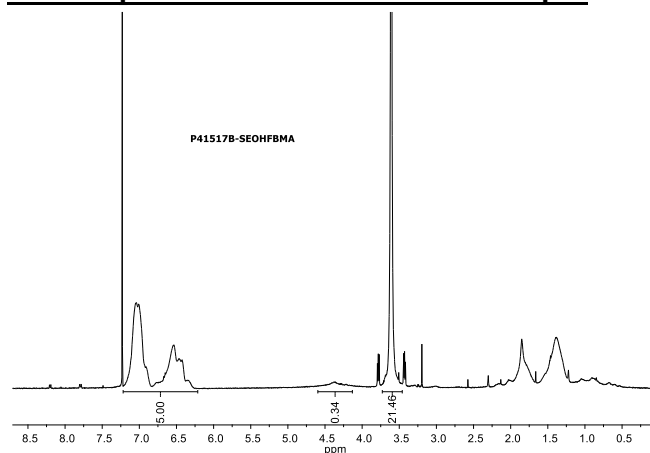
¹H NMR spectrum of the SEO sample:



HNMR spectrum of SEO-terminated with RAFT:

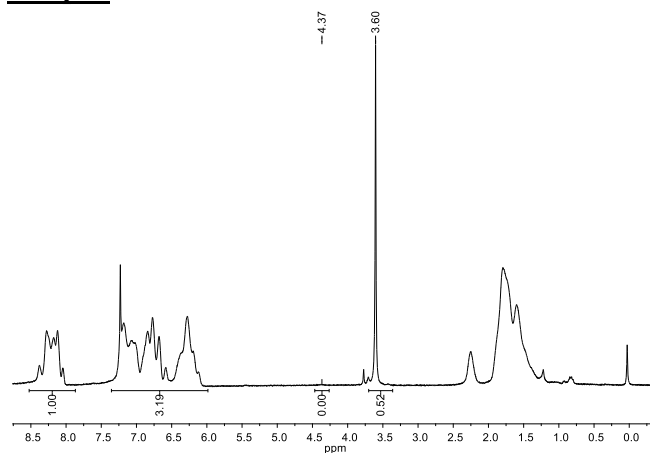


HNMR spectrum of the SEOHFBMA Sample:



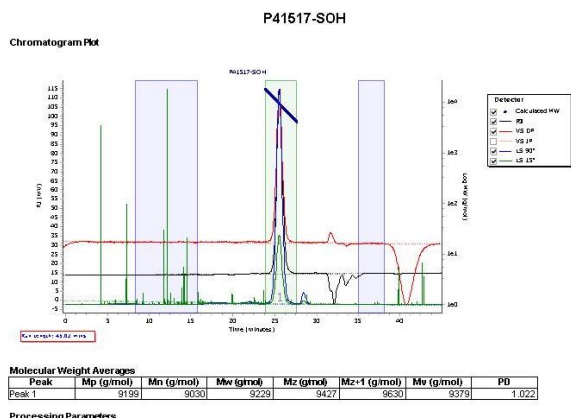
HNMR spectrum of the SEOHFBMA2VP

Sample:



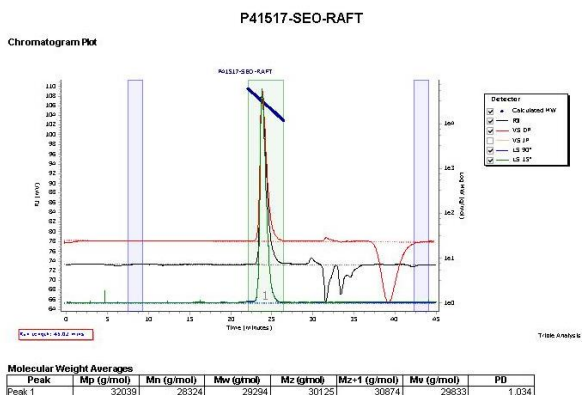
SEC elugram of the SOH Sample:

Agilent GPC/SEC Software



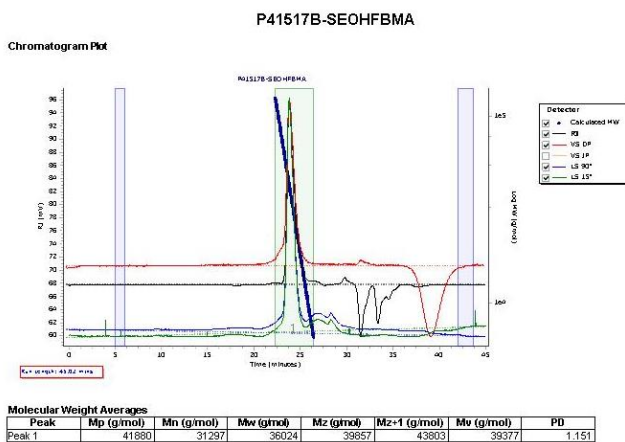
SEC elugram of SEO-terminated with RAFT:

Agilent GPC/SEC Software



SEC elugram of the SEOHFBMA Sample:

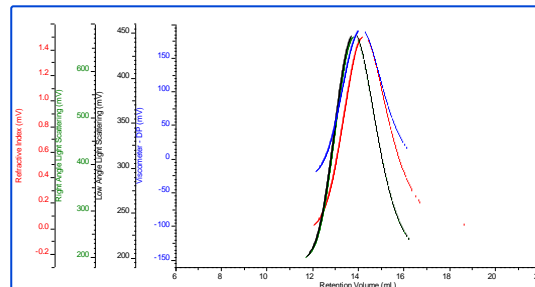
Agilent GPC/SEC Software



SEC elugram of the SEOHFBMA2VP Sample:

P41540-SEOHFBMA-2VP

dn/dc	0.1110
Flow	0.7000
Solvent	DMF with LiBr
Method	PSS



Sample	Mn	Mw	Mz	IV	Mw/Mn
P41540_S-EO-HFBM/	268,185	384,170	679,056	0.5613	1.432