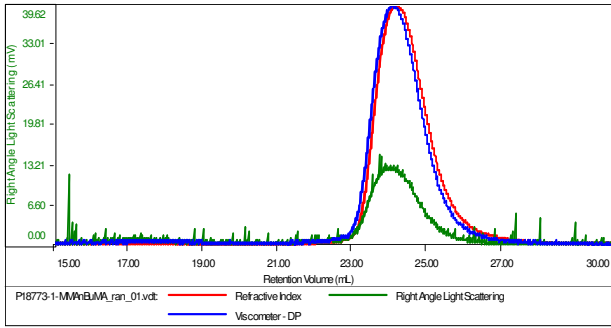




SEC of MManBuMAran [first block] in THF:

Sample ID: P18773-MManBuMAran

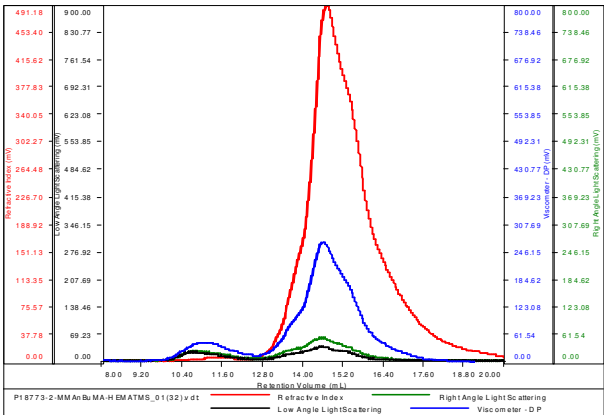
Concentration (mg/mL)	1.0058
Sample dn/dc (mL/g)	0.0840
Method File	PS80KJuly11-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18773-1-MManBuMA_ran_01.vdt	24,503	27,177	26,956	1.109	0.9963

SAMPLE ID: P18773-2-M M A n B u M A -H E M A T M S

Conc (mg/mL)	20.1412
dn/dc (mL/g)	0.0700
Method	ps80kJune2014-0000.vcm
Solvent	DMF w 0.03M LiBr
Column	PSS

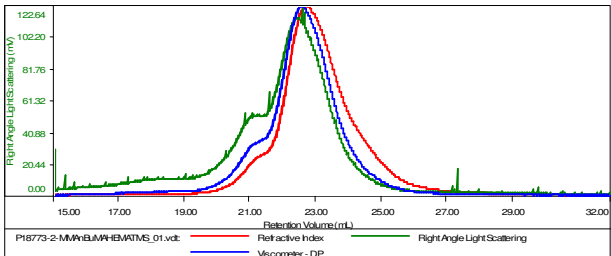


Sample	Mn	Mw	Mp	Mw/Mn	IV
P18773-2-M M A n B u M A -H E M A T M S_01(32).vdt	71,183	89,680	84,105	1.260	0.2581

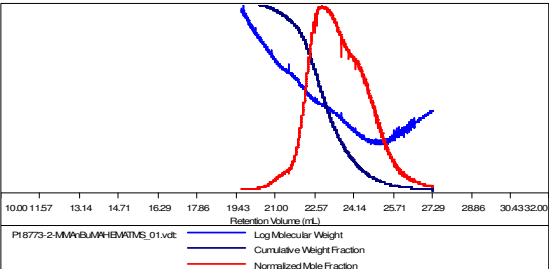
SEC of MManBuMAran-b-HEMATMS in THF and DMF:

Sample ID: P18773-2-MManBuMA-HEMATMS

Concentration (mg/mL)	4.3071
Sample dn/dc (mL/g)	0.0820
Method File	PS80KJuly11-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18773-2-MManBuMA-HEMATMS_01.vdt	73,059	99,625	89,495	1.364	1.7489

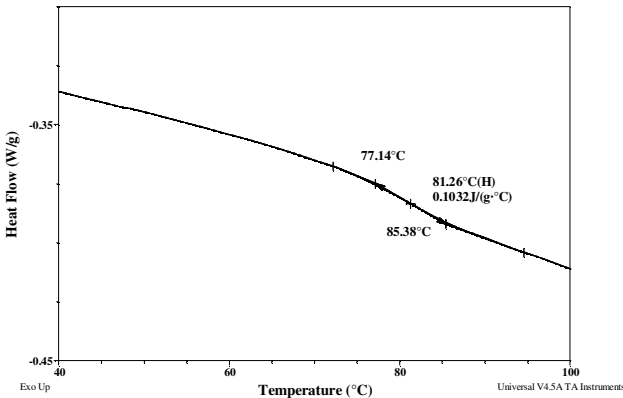


DSC of MManBuMAran-b-HEMA:

Sample: 18714  
Size: 8.0000 mg

DSC

File: P18714.001



Sample: 18714  
Size: 8.0000 mg

DSC

File: P18714.001

