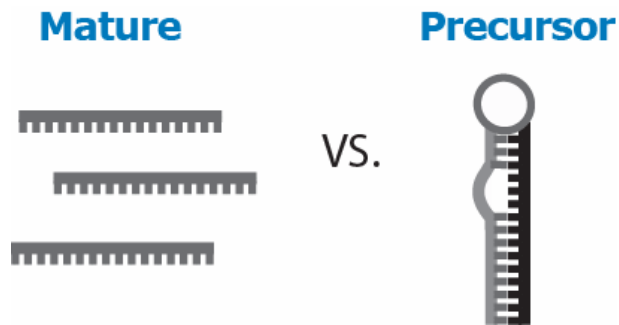
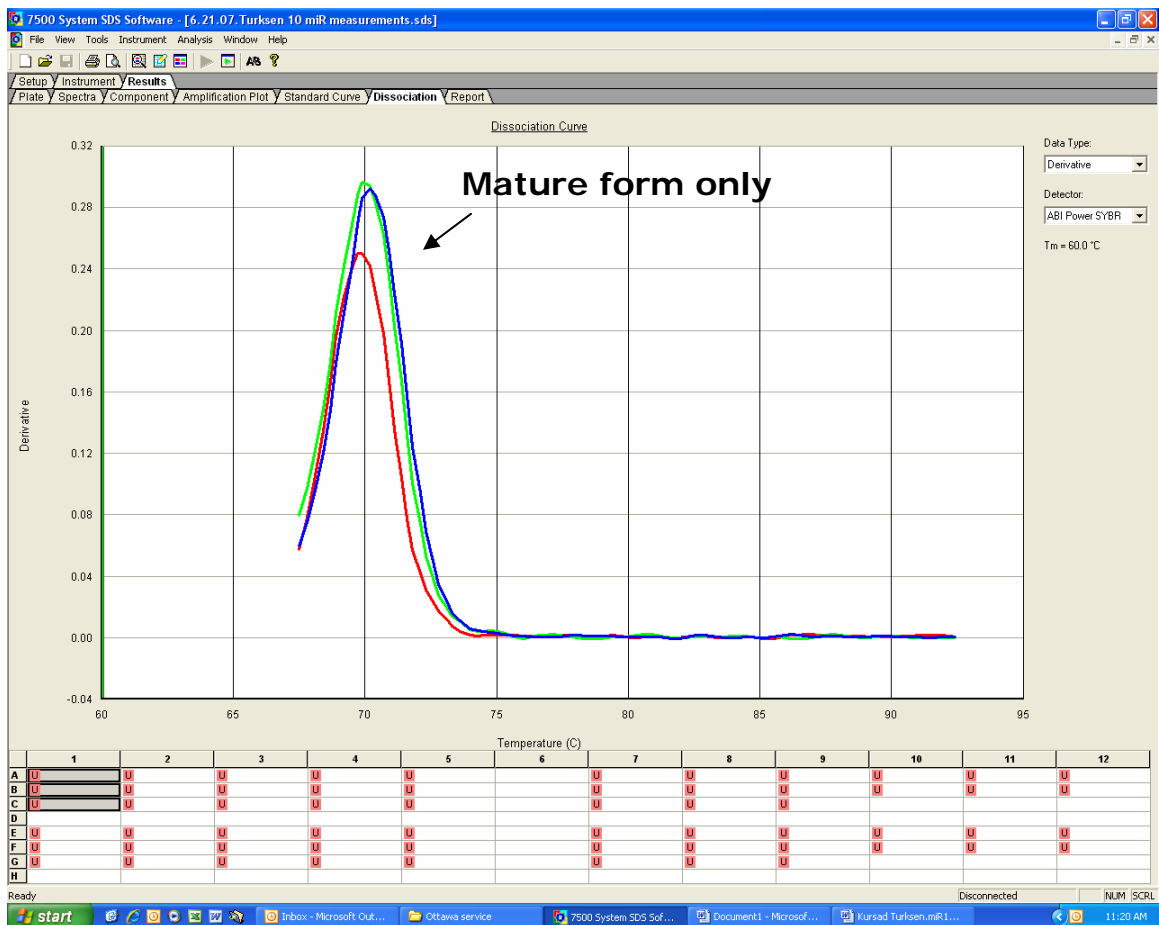


Dissociation analysis of Mature and Precursor forms of microRNAs using QuantiMir cDNAs.

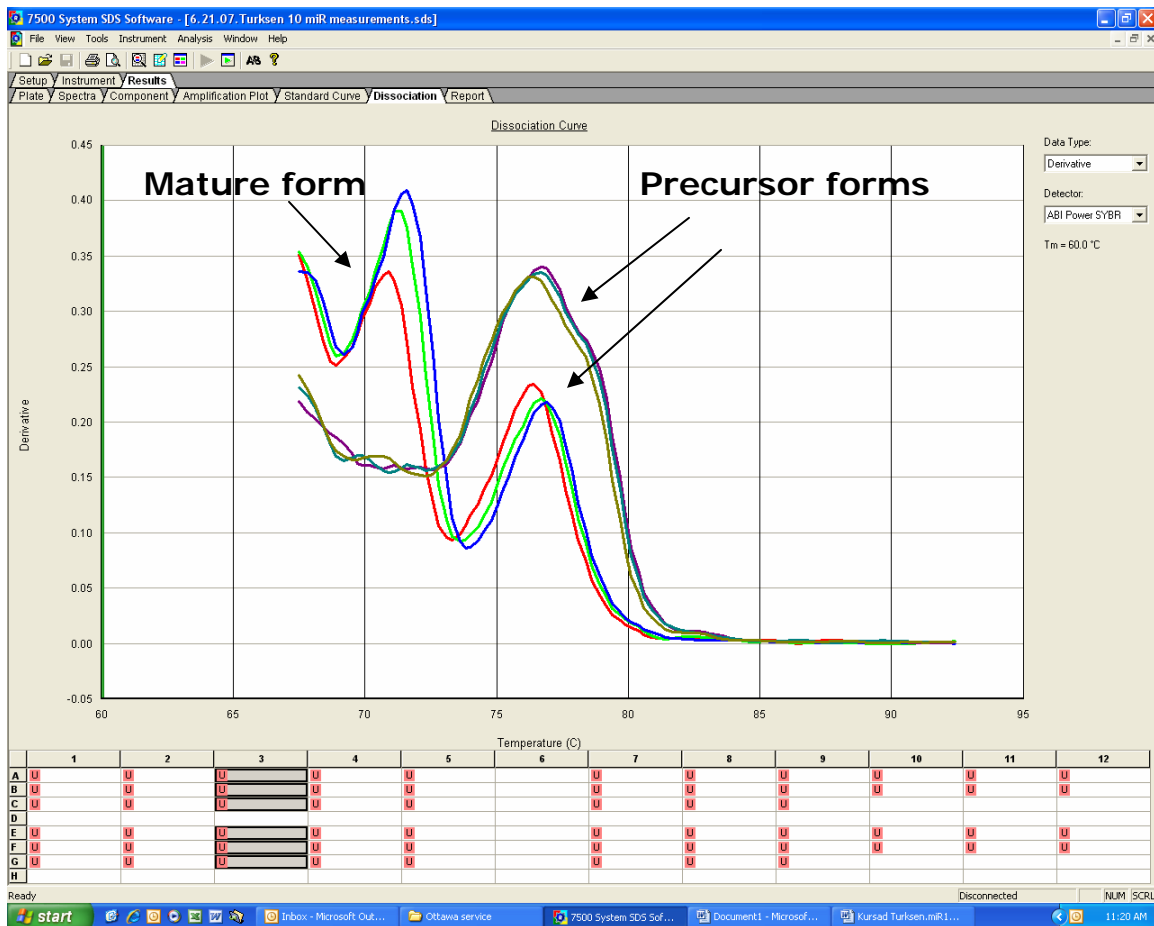


Mature microRNAs: observe a single peak for the mature form at approximately T_m 70-72°C (depending upon the SYBR green used, ABI PowerSybr in this example).



Mature/Precursor mixed microRNAs: observe two peaks for the mature form at approximately Tm 70-72°C and one peak at a higher Tm of about 77-79°C.

Precursor microRNAs only: observe single, broad peak for the precursor form at approximately Tm 77-79°C.
 (depending upon the SYBR green used, ABI PowerSybr in this example).



*** You can export the dissociation analysis results using the ABI software and determine the relative quantities of the mature vs. precursor forms.**