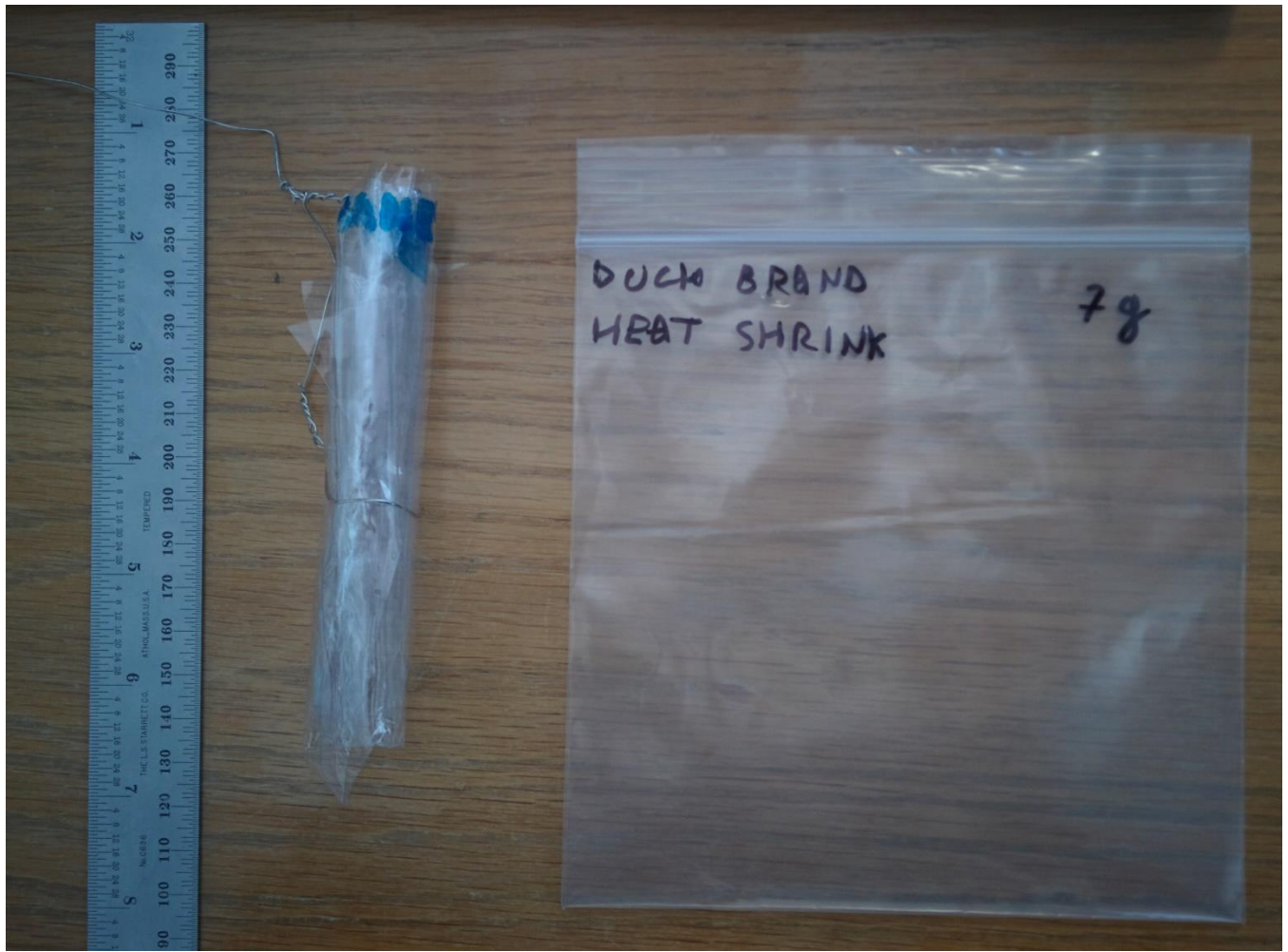


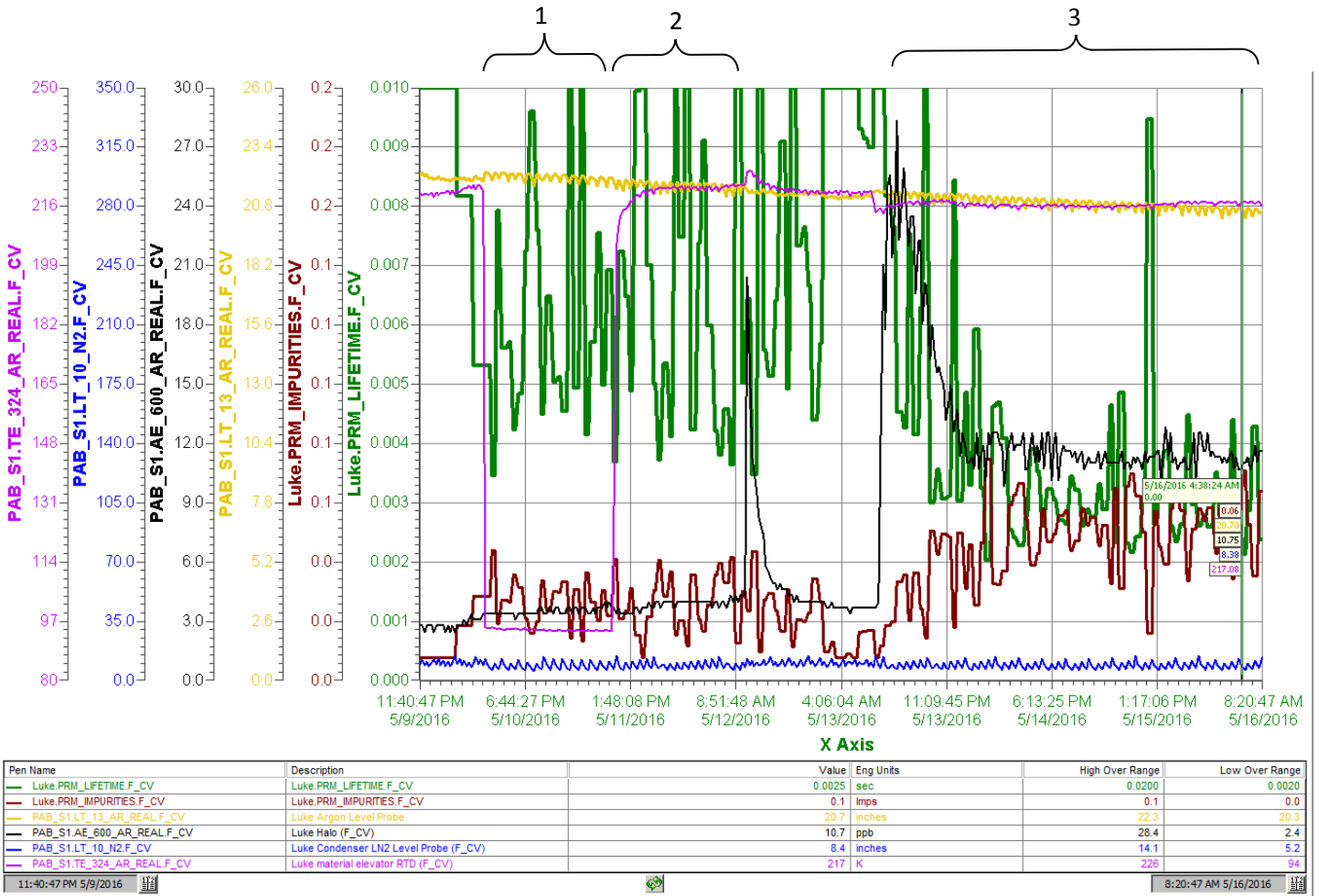
Duck Brand Heat Shrink Test

5/10/2016 – 5/16/2016

<i>PAB Materials Test System</i>	
Date of Receipt	5/16/16 , logbook entry # 5233
Sample Name/Description	Duck Brand Heat Shrink
Sample	
Composition:	Polymeric
Picture Location:	data base
Weight:	approximately 7 g
Dimensions/Area:	length approx. 24 x 24 cm
Source:	Stuart Lee Mufson, Indiana University
Preparation:	dry clean
Submerging in LAr or LH2	x
Time in the airlock(hrs)	
Vacuum:	
Purge	22 hours with gas Argon from Luke
Liquid Test	
Start Time/Date, End Time/Date :	5/10/2016 11:25 AM , 5/11/2016 10:55 AM
PrM run # :	27710
Condenser state:	on
Filter state/settings:	off
H2O reading:	3.3 ppb
Temperature:	95 K
Liquid Level	21.9 inches
Lifetime:	6 ms
VaporTest	
Start Time/Date, End Time/Date :	5/11/2016 10:55 AM, 5/12/2016 10:50 AM
PrM run # :	27733
Condenser state:	on
Filter state/settings:	off
H2O reading:	3.9 ppb
Temperature:	220 K
Liquid Level	21.5 inches
Lifetime:	6 ms
Room Temperature Test	
Start Time/Date, End Time/Date :	5/13/2016 9:50 PM, 5/16/2016 8:15 AM
PrM run # :	27780
Condenser state:	on
Filter state/settings:	off
H2O reading:	10-11 ppb
Temperature:	room
Liquid Level	20.5 inches
Lifetime:	3 ms



1. Liquid test
2. Vapor Test
3. Room Temp.



Lifetime – green pen

Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature – magenta pen