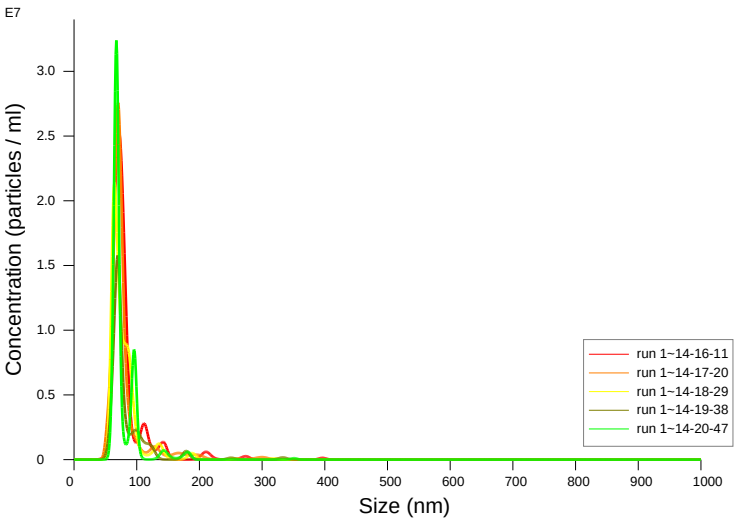
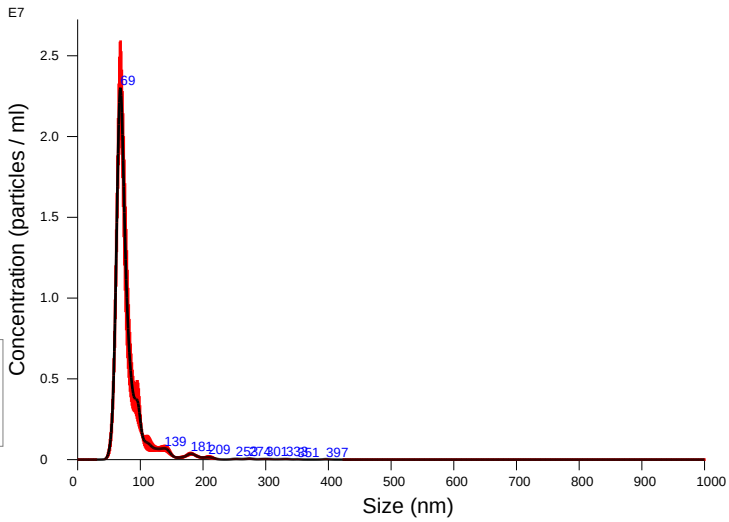
NANOSIGHT

run 1 2018-08-20 14-15-04



FTLA Concentration / Size graph for Experiment:
run 1 2018-08-20 14-15-04



Averaged FTLA Concentration / Size for Experiment:
run 1 2018-08-20 14-15-04
Error bars indicate + / -1 standard error of the mean

Included Files

run 1 2018-08-20 14-16-11
run 1 2018-08-20 14-17-20
run 1 2018-08-20 14-18-29
run 1 2018-08-20 14-19-38
run 1 2018-08-20 14-20-47

Details

NTA Version:	NTA 3.2 Dev Build 3.2.16
Script Used:	SOP Standard Measurement 02-14-56PM 20~
Time Captured:	14:15:04 20/08/2018
Operator:	
Pre-treatment:	
Sample Name:	
Diluent:	
Remarks:	Camera 13

Capture Settings

Camera Type:	sCMOS
Laser Type:	Blue488
Camera Level:	13
Slider Shutter:	1232
Slider Gain:	219
FPS	25.0
Number of Frames:	1498
Temperature:	25.7 - 25.9 ^{o}C
Viscosity:	(Water) 0.871 - 0.874 cP
Dilution factor:	Dilution not recorded
Syringe Pump Speed:	20

Analysis Settings

Detect Threshold:	5
Blur Size:	Auto
Max Jump Distance:	Auto: 16.2 - 16.9 pix

Results

Stats: Merged Data

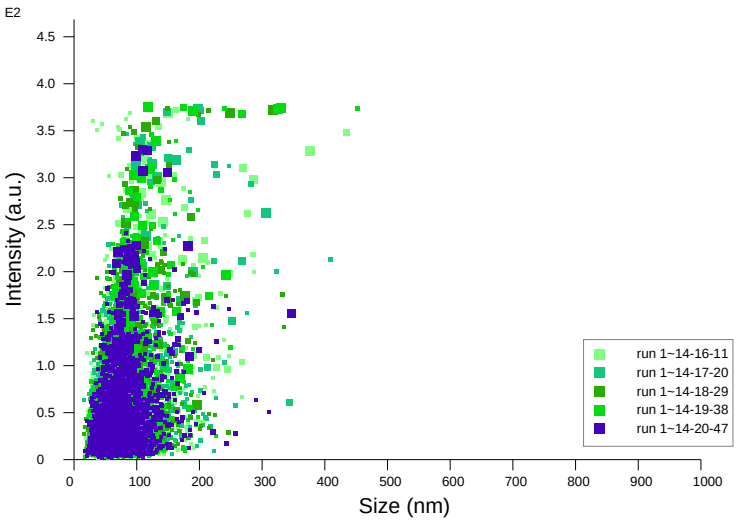
Mean:	80.9 nm
Mode:	68.2 nm
SD:	31.5 nm
D10:	60.5 nm
D50:	70.9 nm
D90:	103.9 nm

Stats: Mean +/- Standard Error

Mean:	80.9 +/- 0.9 nm
Mode:	68.7 +/- 1.2 nm
SD:	31.2 +/- 1.8 nm
D10:	60.6 +/- 0.5 nm
D50:	70.9 +/- 0.7 nm
D90:	104.3 +/- 3.3 nm
Concentration (Upgrade):	5.20e+008 +/- 5.48e+007 particles/ml
	49.7 +/- 5.9 particles/frame
	52.7 +/- 6.1 centres/frame

NANOSIGHT

run 1 2018-08-20 14-15-04



Intensity / Size graph for Experiment:
run 1 2018-08-20 14-15-04

Script Used: (Full Text):

SOP Standard Measurement 02-14-56PM 20Aug2018.txt