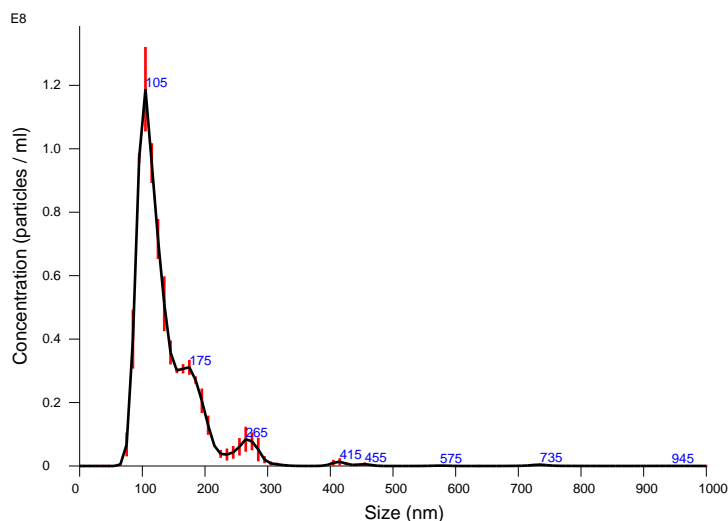FTLA Concentration / Size graph for Experiment:
Capture 2021-01-28 11-07-20

Averaged FTLA Concentration / Size for Experiment:
Capture 2021-01-28 11-07-20
Error bars indicate + / -1 standard error of the mean

Included Files

Capture 2021-01-28 11-07-31
Capture 2021-01-28 11-08-40
Capture 2021-01-28 11-09-48

Details

NTA Version:	NTA 3.2 Dev Build 3.2.16
Script Used:	SOP Standard Measurement 10-58-31AM 28Jan2021.txt
Time Captured:	11:07:20 28/01/2021
Operator:	yq
Pre-treatment:	
Sample Name:	A549-6/28/20
Diluent:	200
Remarks:	

Capture Settings

Camera Type:	sCMOS
Laser Type:	Green
Camera Level:	14
Slider Shutter:	1259
Slider Gain:	366
FPS	25.0
Number of Frames:	1498
Temperature:	22.7 - 22.8 °C
Viscosity:	(Water) 0.934 - 0.936 cP
Dilution factor:	Dilution not recorded
Syringe Pump Speed:	30

Analysis Settings

Detect Threshold:	4
Blur Size:	Auto
Max Jump Distance:	Auto: 12.2 - 12.4 pix

Results

Stats: Merged Data

Mean:	139.1 nm
Mode:	104.8 nm
SD:	61.5 nm
D10:	82.6 nm
D50:	110.6 nm
D90:	188.6 nm

Stats: Mean +/- Standard Error

Mean:	139.1 +/- 0.8 nm
Mode:	103.3 +/- 2.2 nm
SD:	61.5 +/- 1.6 nm
D10:	82.6 +/- 1.2 nm
D50:	110.7 +/- 1.6 nm
D90:	188.2 +/- 2.9 nm
Concentration (Upgrade):	7.26e+008 +/- 1.47e+007 particles/ml
	107.2 +/- 2.1 particles/frame
	118.3 +/- 2.6 centres/frame
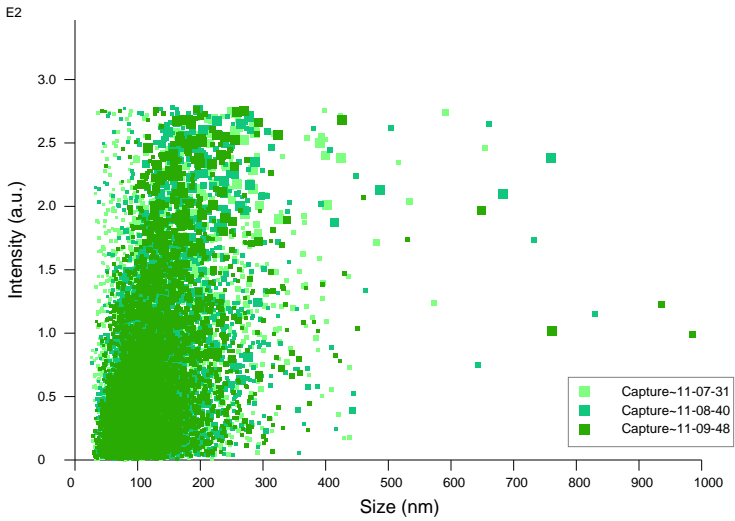
Intensity / Size graph for Experiment:
Capture 2021-01-28 11-07-20