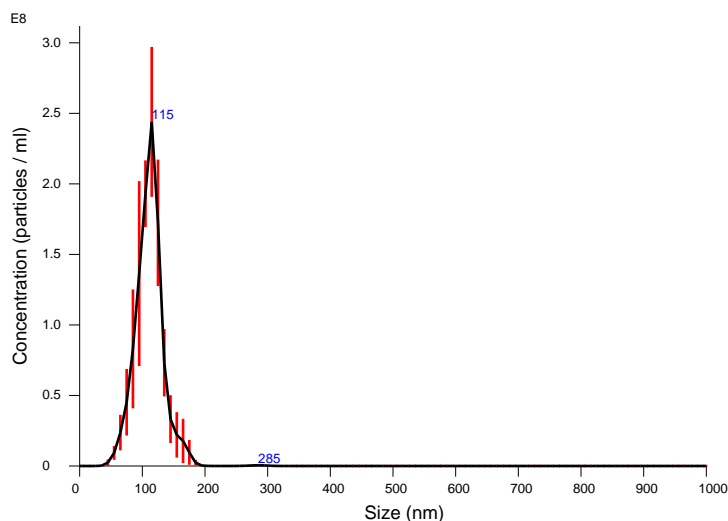


FTLA Concentration / Size graph for Experiment:
Capture 2023-12-20 16-51-05



Averaged FTLA Concentration / Size for Experiment:
Capture 2023-12-20 16-51-05
Error bars indicate + / - 1 standard error of the mean

Included Files

Capture 2023-12-20 16-54-41
Capture 2023-12-20 16-55-52
Capture 2023-12-20 16-58-12

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 04-51-05PM 20Dec2023.txt
Time Captured: 16:51:05 20/12/2023
Operator: 293A Nan
Pre-treatment:
Sample Name: lip
Diluent: 100
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 15
Slider Shutter: 1206
Slider Gain: 366
FPS: 25.0
Number of Frames: 1498
Temperature: 24.2 - 24.3 °C
Viscosity: (Water) 0.902 - 0.905 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 50

Analysis Settings

Detect Threshold: 28
Blur Size: Auto
Max Jump Distance: Auto: 10.1 - 14.3 pix

Results

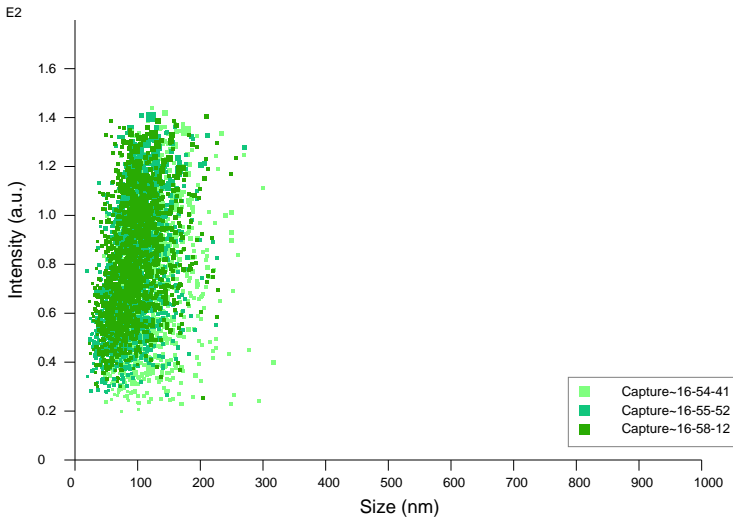
Stats: Merged Data

Mean: 111.4 nm
Mode: 114.2 nm
SD: 23.1 nm
D10: 73.2 nm
D50: 101.7 nm
D90: 127.3 nm

Stats: Mean +/- Standard Error

Mean: 111.5 +/- 7.9 nm
Mode: 109.7 +/- 5.9 nm
SD: 20.2 +/- 0.8 nm
D10: 77.5 +/- 9.4 nm
D50: 100.3 +/- 6.1 nm
D90: 127.5 +/- 9.8 nm
Concentration (Upgrade): 1.07e+009 +/- 4.22e+007 particles/ml
29.0 +/- 2.2 particles/frame
151.4 +/- 22.8 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
Capture 2023-12-20 16-51-05