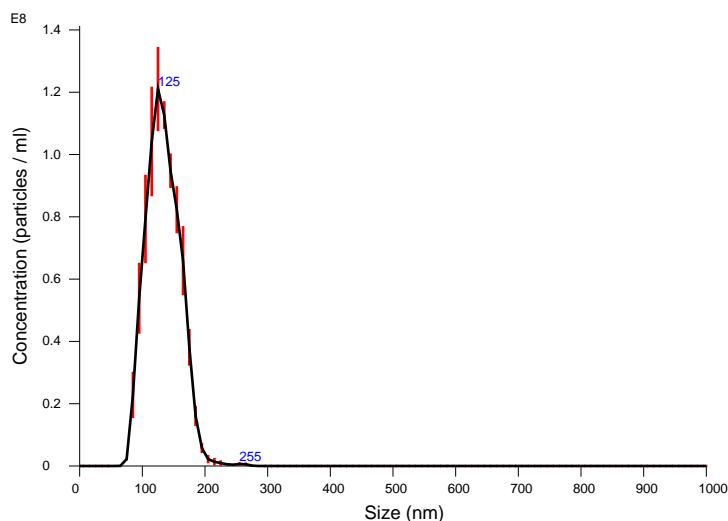


FTLA Concentration / Size graph for Experiment:  
Capture 2023-12-20 15-52-31



Averaged FTLA Concentration / Size for Experiment:  
Capture 2023-12-20 15-52-31  
Error bars indicate + / - 1 standard error of the mean

### Included Files

Capture 2023-12-20 15-52-53  
Capture 2023-12-20 15-56-18  
Capture 2023-12-20 15-57-25

### Details

NTA Version: NTA 3.2 Dev Build 3.2.16  
Script Used: SOP Standard Measurement 03-52-31PM 20Dec2023.txt  
Time Captured: 15:52:31 20/12/2023  
Operator: H460 Nan  
Pre-treatment:  
Sample Name: lip  
Diluent: 100  
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: 22.9 - 23.1 °C  
Viscosity: (Water) 0.928 - 0.933 cP  
Dilution factor: Dilution not recorded  
Syringe Pump Speed: 50

### Analysis Settings

Detect Threshold: 20  
Blur Size: Auto  
Max Jump Distance: Auto: 12.9 - 13.5 pix

### Results

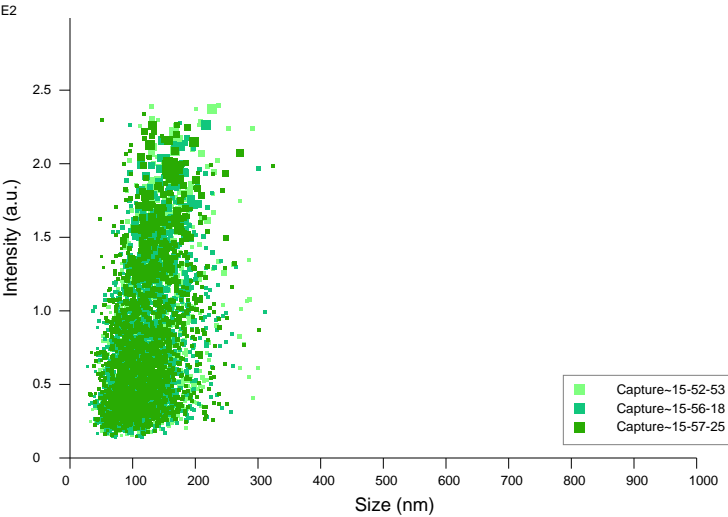
#### Stats: Merged Data

Mean: 133.5 nm  
Mode: 126.7 nm  
SD: 26.3 nm  
D10: 90.2 nm  
D50: 121.7 nm  
D90: 157.9 nm

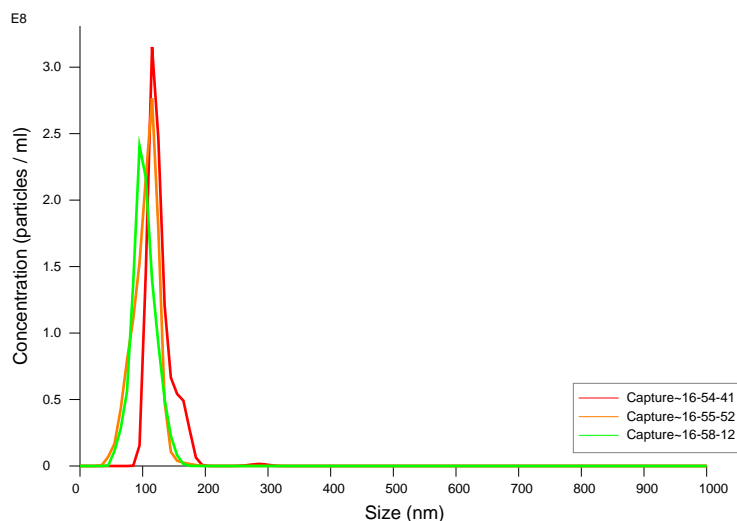
#### Stats: Mean +/- Standard Error

Mean: 133.8 +/- 1.5 nm  
Mode: 127.4 +/- 3.5 nm  
SD: 26.2 +/- 0.2 nm  
D10: 90.5 +/- 1.5 nm  
D50: 121.8 +/- 1.7 nm  
D90: 158.1 +/- 0.7 nm

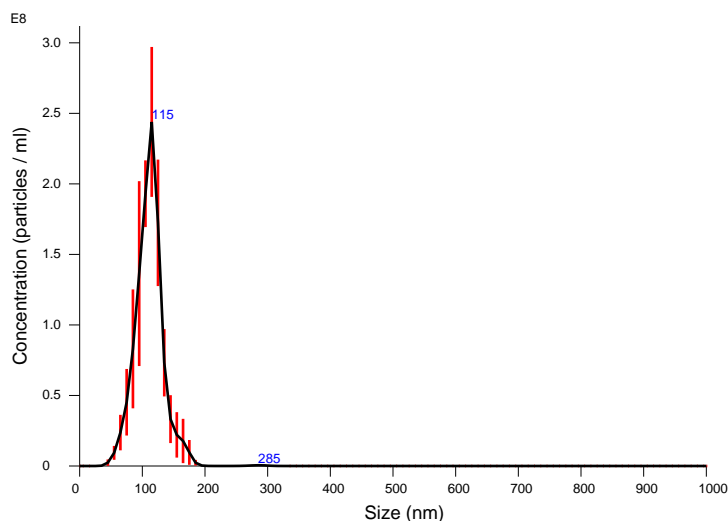
Concentration (Upgrade): 8.06e+008 +/- 8.95e+007 particles/ml  
26.3 +/- 2.9 particles/frame  
30.2 +/- 3.3 centres/frame



Intensity / Size graph for Experiment:  
Capture 2023-12-20 15-52-31



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

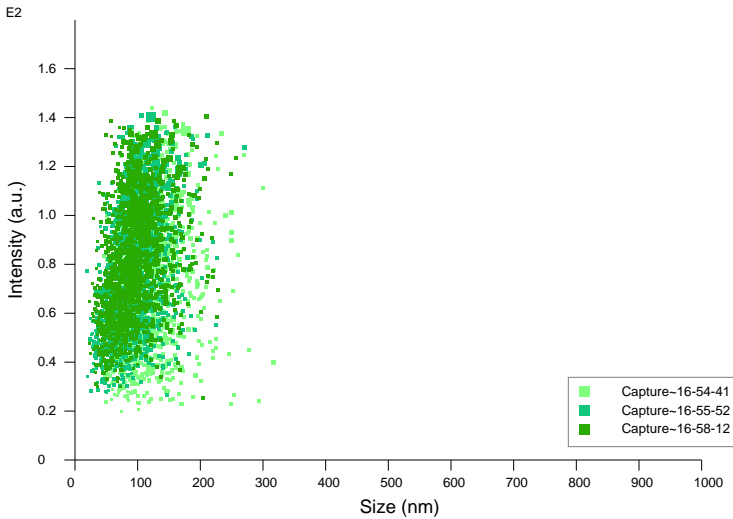
#### Stats: Merged Data

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