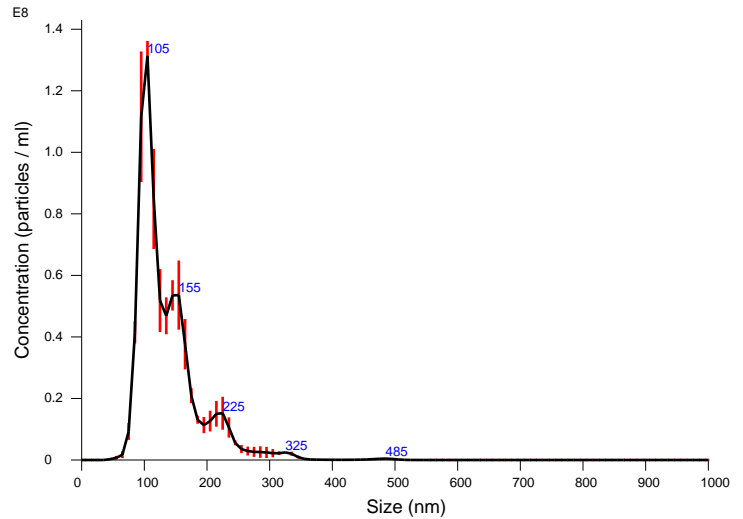


FTLA Concentration / Size graph for Experiment:
Capture 2021-01-28 11-20-05



Averaged FTLA Concentration / Size for Experiment:
Capture 2021-01-28 11-20-05
Error bars indicate + / - 1 standard error of the mean

Included Files

Capture 2021-01-28 11-20-29
Capture 2021-01-28 11-21-42
Capture 2021-01-28 11-22-50

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 10-58-31AM 28Jan2021.txt
Time Captured: 11:20:05 28/01/2021
Operator: yq
Pre-treatment:
Sample Name: H460-10/23/20
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: 23.1 - 23.2 °C
Viscosity: (Water) 0.926 - 0.928 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 20 - 50

Analysis Settings

Detect Threshold: 4
Blur Size: Auto
Max Jump Distance: Auto: 12.1 - 12.6 pix

Results

Stats: Merged Data

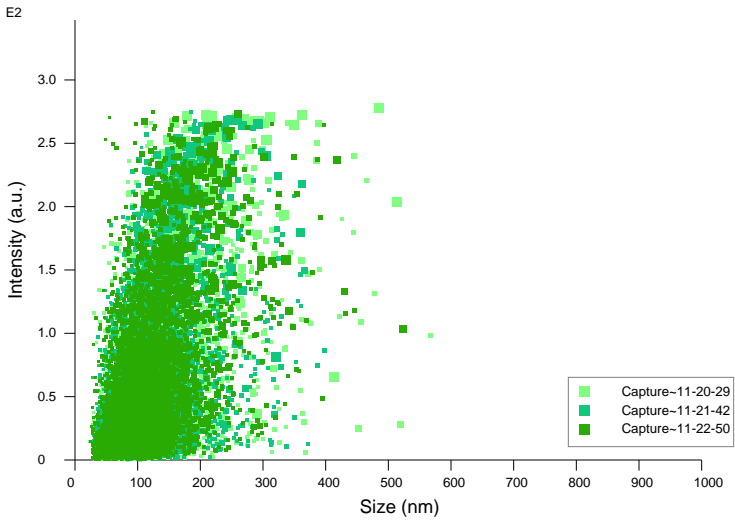
Mean: 136.8 nm
Mode: 103.0 nm
SD: 51.9 nm
D10: 82.0 nm
D50: 109.6 nm
D90: 198.3 nm

Stats: Mean +/- Standard Error

Mean: 136.7 +/- 3.1 nm
Mode: 103.1 +/- 2.4 nm
SD: 51.1 +/- 5.1 nm
D10: 82.1 +/- 0.4 nm
D50: 109.4 +/- 1.6 nm
D90: 194.2 +/- 13.3 nm

Concentration (Upgrade): 7.56e+008 +/- 7.19e+006 particles/ml
111.0 +/- 1.6 particles/frame
129.3 +/- 7.4 centres/frame

Concentration measurements may require some caution due to noise
See summary file for more info



Intensity / Size graph for Experiment:
Capture 2021-01-28 11-20-05