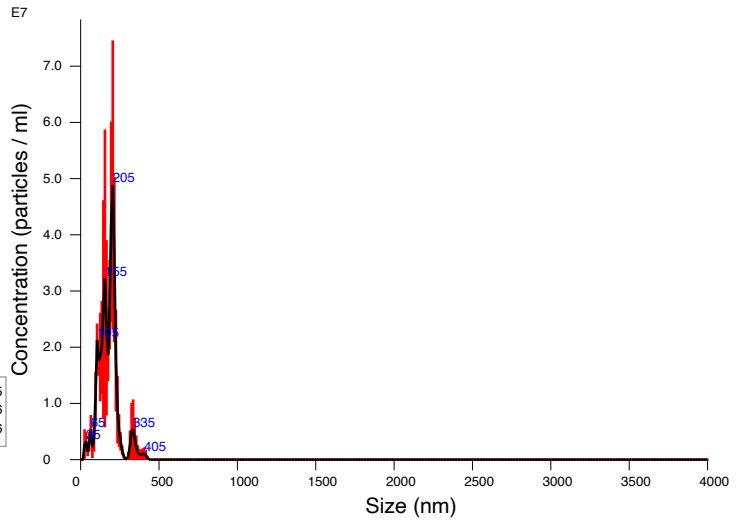


FTLA Concentration / Size graph for Experiment:
Capture 2022-09-26 13-28-50



Averaged FTLA Concentration / Size for Experiment:
Capture 2022-09-26 13-28-50
Error bars indicate + / -1 standard error of the mean

Included Files

Capture 2022-09-26 13-29-05
Capture 2022-09-26 13-29-36
Capture 2022-09-26 13-30-36

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 04-43-57PM 02~
Time Captured: 13:28:50 26/09/2022
Operator: Ruth
Pre-treatment:
Sample Name: son. = 10s (2)
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Blue405
Camera Level: 12
Slider Shutter: 1200
Slider Gain: 146
FPS: 18.7
Number of Frames: 374
Temperature: 22.0 °C
Viscosity: (Water) 1.0 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 24
Blur Size: Auto
Max Jump Distance: Auto: 8.8 - 14.5 pix

Results

Stats: Merged Data

Mean: 178.2 nm
Mode: 203.3 nm
SD: 63.4 nm
D10: 104.6 nm
D50: 181.2 nm
D90: 233.3 nm

Stats: Mean +/- Standard Error

Mean: 173.4 +/- 10.4 nm
Mode: 183.6 +/- 15.2 nm
SD: 59.1 +/- 10.3 nm
D10: 95.3 +/- 17.0 nm
D50: 179.1 +/- 10.2 nm
D90: 258.8 +/- 34.1 nm
Concentration: 4.29e+08 +/- 1.12e+08 particles/ml
23.5 +/- 6.1 particles/frame
29.1 +/- 6.4 centres/frame