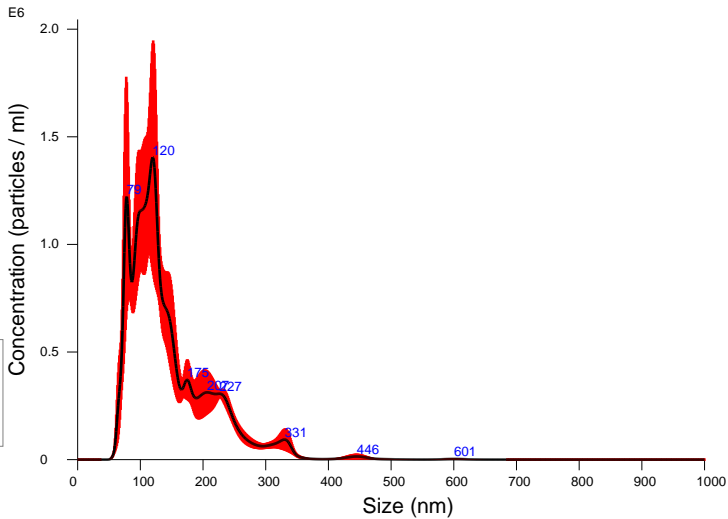


FTLA Concentration / Size graph for Experiment:
run 1 2018-09-18 09-58-21



Averaged FTLA Concentration / Size for Experiment:
run 1 2018-09-18 09-58-21
Error bars indicate + / - 1 standard error of the mean

Included Files

run 1 2018-09-18 09-59-23
run 1 2018-09-18 10-00-35
run 1 2018-09-18 10-01-47
run 1 2018-09-18 10-02-59
run 1 2018-09-18 10-04-11

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 09-58-15AM 18~
Time Captured: 09:58:21 18/09/2018
Operator:
Pre-treatment:
Sample Name:
Diluent:
Remarks: Camera 13

Capture Settings

Camera Type: sCMOS
Laser Type: Blue488
Camera Level: 13
Slider Shutter: 1232
Slider Gain: 219
FPS: 25.0
Number of Frames: 1498
Temperature: 23.0 - 23.2 °C
Viscosity: (Water) 0.926 - 0.930 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 20

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 12.1 - 13.6 pix

Results

Stats: Merged Data

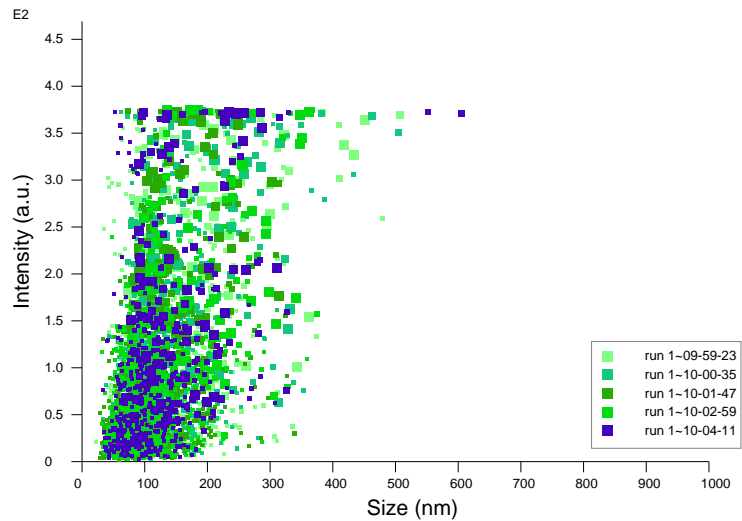
Mean: 145.1 nm
Mode: 119.8 nm
SD: 67.3 nm
D10: 79.1 nm
D50: 122.9 nm
D90: 235.3 nm

Stats: Mean +/- Standard Error

Mean: 145.0 +/- 3.7 nm
Mode: 99.0 +/- 6.8 nm
SD: 66.3 +/- 3.8 nm
D10: 81.7 +/- 3.1 nm
D50: 124.9 +/- 2.5 nm
D90: 235.8 +/- 5.7 nm

Concentration (Upgrade): 1.25e+008 +/- 1.06e+007 particles/ml
18.6 +/- 1.6 particles/frame
21.0 +/- 1.8 centres/frame

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



Script Used: (Full Text):

SOP Standard Measurement 09-58-15AM 18Sep2018.txt