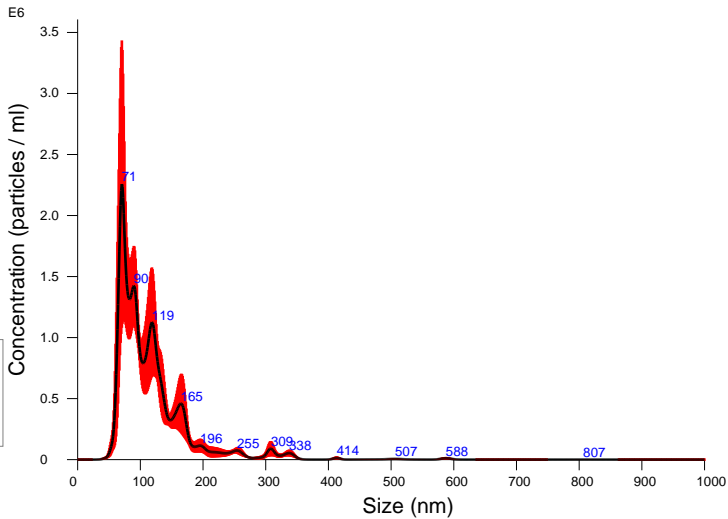


FTLA Concentration / Size graph for Experiment:
run 1 2019-02-19 13-29-28



Averaged FTLA Concentration / Size for Experiment:
run 1 2019-02-19 13-29-28
Error bars indicate + / - 1 standard error of the mean

Included Files

run 1 2019-02-19 13-30-18
run 1 2019-02-19 13-31-32
run 1 2019-02-19 13-32-42
run 1 2019-02-19 13-33-51
run 1 2019-02-19 13-35-00

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 12-45-08PM 19~
Time Captured: 13:29:28 19/02/2019
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: 22.4 - 22.7 °C
Viscosity: (Water) 0.938 - 0.944 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 20

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 10.4 - 18.5 pix

Results

Stats: Merged Data

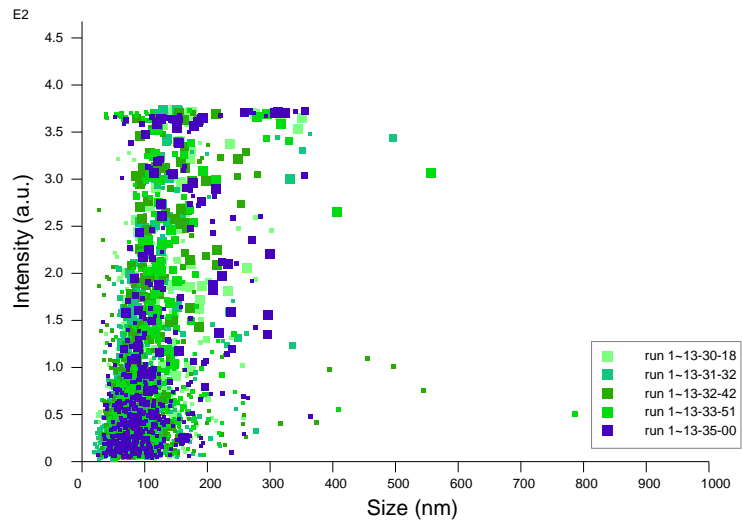
Mean: 116.2 nm
Mode: 70.7 nm
SD: 60.7 nm
D10: 67.1 nm
D50: 98.2 nm
D90: 172.3 nm

Stats: Mean +/- Standard Error

Mean: 120.3 +/- 8.8 nm
Mode: 87.1 +/- 9.0 nm
SD: 59.2 +/- 4.6 nm
D10: 73.8 +/- 4.1 nm
D50: 100.3 +/- 7.6 nm
D90: 180.1 +/- 16.7 nm

Concentration (Upgrade): 1.17e+008 +/- 1.54e+007 particles/ml
16.3 +/- 1.4 particles/frame
19.7 +/- 1.0 centres/frame

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



Script Used: (Full Text):

SOP Standard Measurement 12-45-08PM 19Feb2019.txt