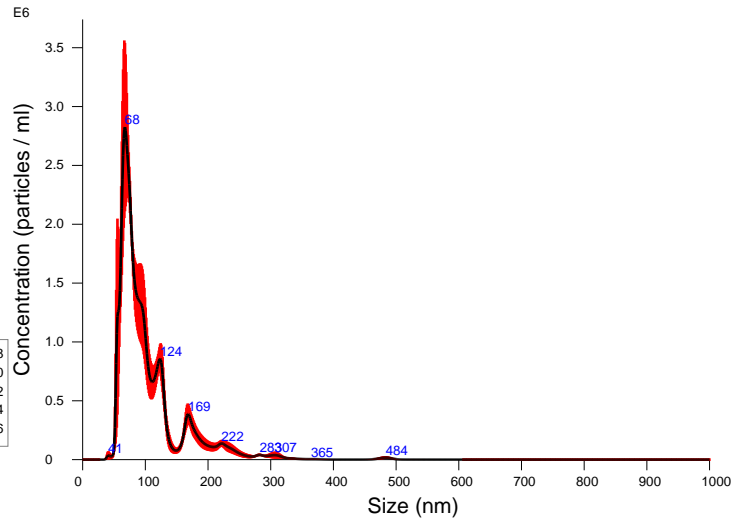


FTLA Concentration / Size graph for Experiment:
run 1 2018-03-01 15-50-57



Averaged FTLA Concentration / Size for Experiment:
run 1 2018-03-01 15-50-57
Error bars indicate + / - 1 standard error of the mean

Included Files

run 1 2018-03-01 15-51-58
run 1 2018-03-01 15-53-10
run 1 2018-03-01 15-54-22
run 1 2018-03-01 15-55-34
run 1 2018-03-01 15-56-46

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 03-50-52PM 01~
Time Captured: 15:50:57 01/03/2018
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: 23.1 - 23.2 °C
Viscosity: (Water) 0.926 - 0.929 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 20

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 13.5 - 17.9 pix

Results

Stats: Merged Data

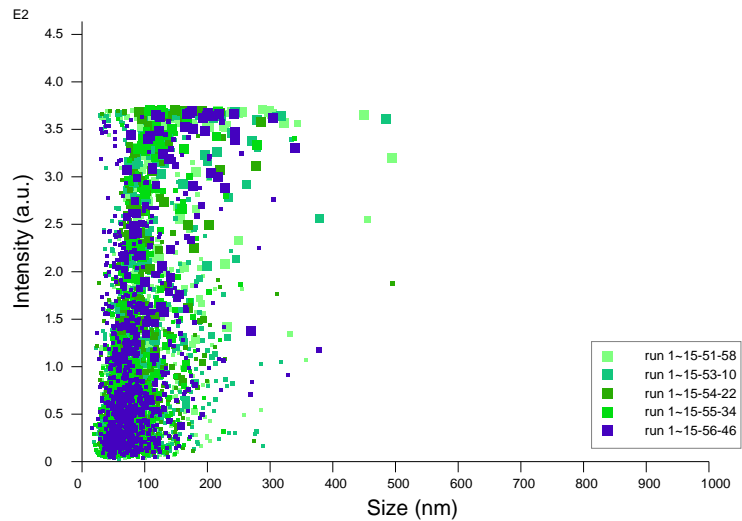
Mean: 103.7 nm
Mode: 67.4 nm
SD: 55.0 nm
D10: 60.9 nm
D50: 84.2 nm
D90: 174.4 nm

Stats: Mean +/- Standard Error

Mean: 103.2 +/- 4.0 nm
Mode: 65.4 +/- 2.7 nm
SD: 51.9 +/- 4.8 nm
D10: 61.2 +/- 1.9 nm
D50: 84.3 +/- 2.5 nm
D90: 169.3 +/- 11.9 nm

Concentration (Upgrade): 1.30e+008 +/- 1.46e+007 particles/ml
19.7 +/- 2.2 particles/frame
22.9 +/- 2.4 centres/frame

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



Intensity / Size graph for Experiment:
run 1 2018-03-01 15-50-57

Script Used: (Full Text):

SOP Standard Measurement 03-50-52PM 01Mar2018.txt