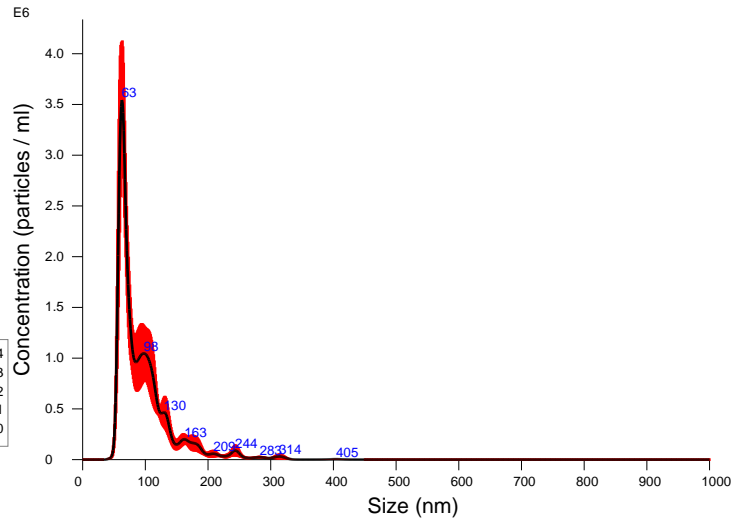


FTLA Concentration / Size graph for Experiment:
run 1 2018-02-28 11-03-13



Averaged FTLA Concentration / Size for Experiment:
run 1 2018-02-28 11-03-13
Error bars indicate + / - 1 standard error of the mean

Included Files

run 1 2018-02-28 11-04-14
run 1 2018-02-28 11-05-23
run 1 2018-02-28 11-06-32
run 1 2018-02-28 11-07-41
run 1 2018-02-28 11-08-50

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 11-03-07AM 28~
Time Captured: 11:03:13 28/02/2018
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: 19.7 - 20.0 °C
Viscosity: (Water) 1.000 - 1.008 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 20

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 14.0 - 17.2 pix

Results

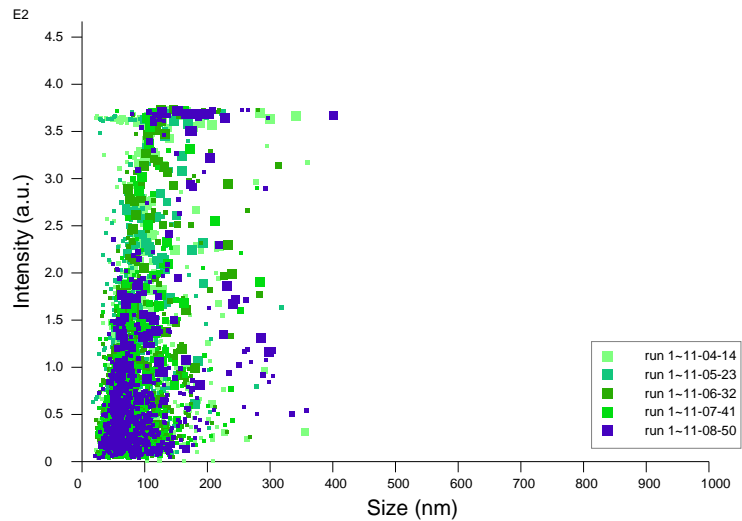
Stats: Merged Data

Mean: 94.8 nm
Mode: 62.8 nm
SD: 45.4 nm
D10: 57.9 nm
D50: 78.1 nm
D90: 147.7 nm

Stats: Mean +/- Standard Error

Mean: 95.8 +/- 4.3 nm
Mode: 61.5 +/- 1.2 nm
SD: 44.0 +/- 5.1 nm
D10: 58.5 +/- 1.2 nm
D50: 79.2 +/- 4.0 nm
D90: 150.3 +/- 11.6 nm
Concentration (Upgrade): 1.21e+008 +/- 1.35e+007 particles/ml
16.2 +/- 1.7 particles/frame
17.9 +/- 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 11-03-07AM 28Feb2018.txt