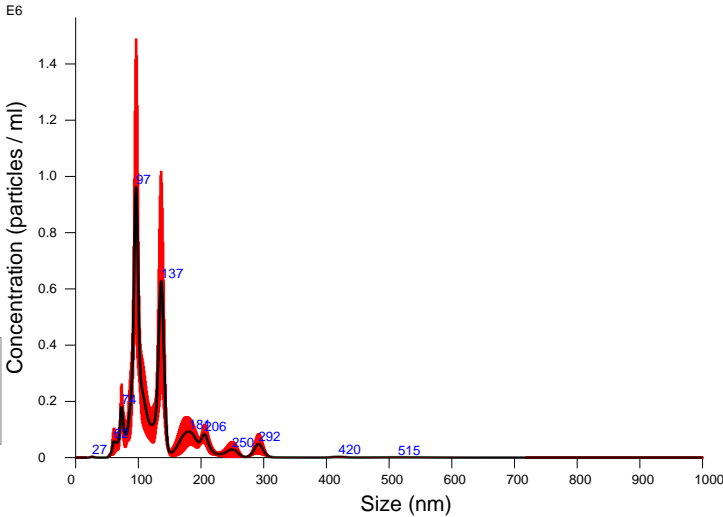


FTLA Concentration / Size graph for Experiment:
run 1 2018-02-21 15-40-35



Averaged FTLA Concentration / Size for Experiment:
run 1 2018-02-21 15-40-35
Error bars indicate + / - 1 standard error of the mean

Included Files

- run 1 2018-02-21 15-41-57
- run 1 2018-02-21 15-43-09
- run 1 2018-02-21 15-44-19
- run 1 2018-02-21 15-45-30
- run 1 2018-02-21 15-46-40

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 03-40-01PM 21~
Time Captured: 15:40:35 21/02/2018
Operator:
Pre-treatment:
Sample Name:
Diluent:
Remarks: camera level 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: 23.8 - 24.0 °C
Viscosity: (Water) 0.910 - 0.914 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 20

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 13.6 - 35.0 pix

Results

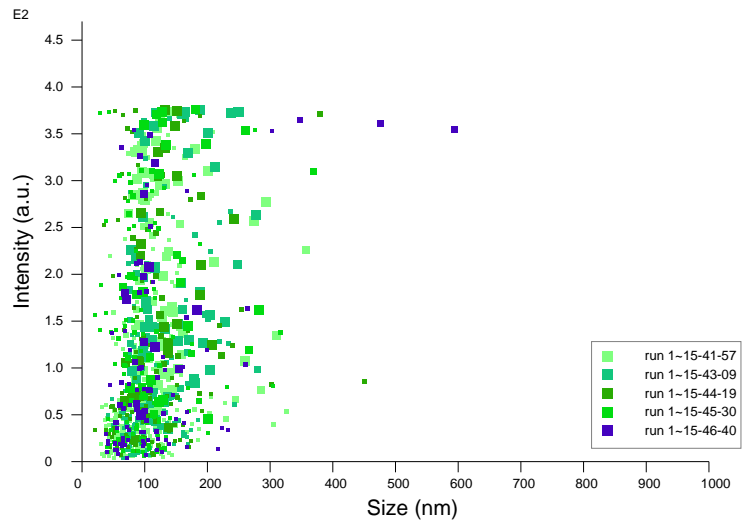
Stats: Merged Data

Mean: 132.5 nm
Mode: 96.3 nm
SD: 58.6 nm
D10: 86.4 nm
D50: 114.7 nm
D90: 202.1 nm

Stats: Mean +/- Standard Error

Mean: 133.0 +/- 2.1 nm
Mode: 111.0 +/- 9.1 nm
SD: 62.5 +/- 9.7 nm
D10: 82.7 +/- 4.3 nm
D50: 115.0 +/- 6.0 nm
D90: 190.6 +/- 12.4 nm
Concentration (Upgrade): 2.92e+007 +/- 7.04e+006 particles/ml
4.7 +/- 1.1 particles/frame
5.2 +/- 1.1 centres/frame

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



Intensity / Size graph for Experiment:
run 1 2018-02-21 15-40-35

Script Used: (Full Text):

SOP Standard Measurement 03-40-01PM 21Feb2018.txt