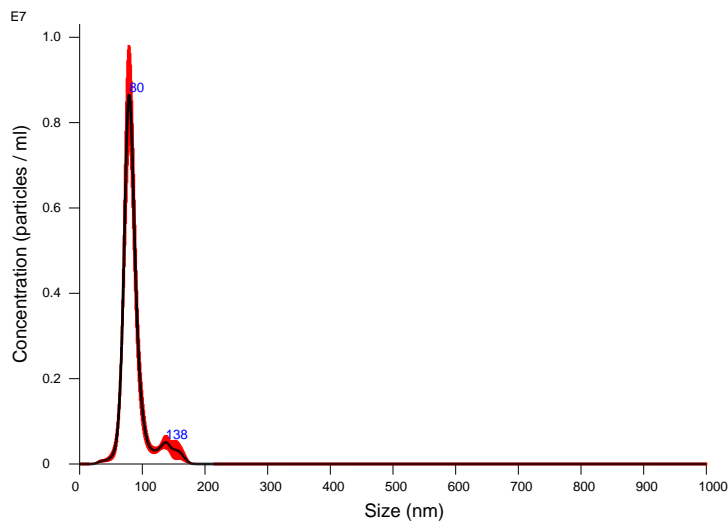


FTLA Concentration / Size graph for Experiment:
S_40x RT27_2 2023-06-14 13-09-52



Averaged FTLA Concentration / Size for Experiment:
S_40x RT27_2 2023-06-14 13-09-52
Error bars indicate + / - 1 standard error of the mean

Included Files

S_40x RT27_2 2023-06-14 13-10-13
S_40x RT27_2 2023-06-14 13-10-54
S_40x RT27_2 2023-06-14 13-11-36
S_40x RT27_2 2023-06-14 13-12-17
S_40x RT27_2 2023-06-14 13-12-55

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 01-09-52PM 14Jun2023.txt
Time Captured: 13:09:52 14/06/2023
Operator: LN
Pre-treatment:
Sample Name: S_40x RT27_2
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 6
Slider Shutter: 64
Slider Gain: 5
FPS: 25.0
Number of Frames: 749
Temperature: 25.5 °C
Viscosity: (Water) 0.878 - 0.879 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 20.5 - 22.6 pix

Results

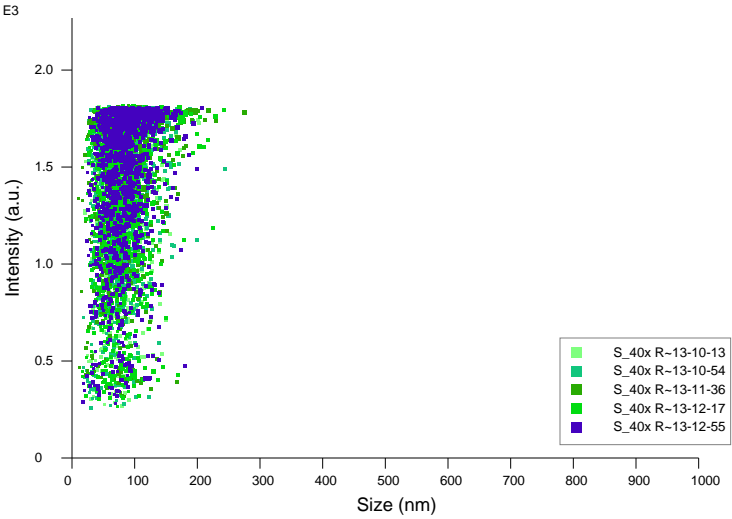
Stats: Merged Data

Mean: 85.9 nm
Mode: 79.1 nm
SD: 20.7 nm
D10: 68.7 nm
D50: 81.2 nm
D90: 109.3 nm

Stats: Mean +/- Standard Error

Mean: 86.1 +/- 1.8 nm
Mode: 79.3 +/- 1.0 nm
SD: 20.0 +/- 2.8 nm
D10: 68.4 +/- 1.1 nm
D50: 81.6 +/- 1.1 nm
D90: 112.9 +/- 9.6 nm
Concentration (Upgrade): 2.19e+08 +/- 1.03e+07 particles/ml
35.5 +/- 1.6 particles/frame
96.4 +/- 7.9 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
S_40x RT27_2 2023-06-14 13-09-52