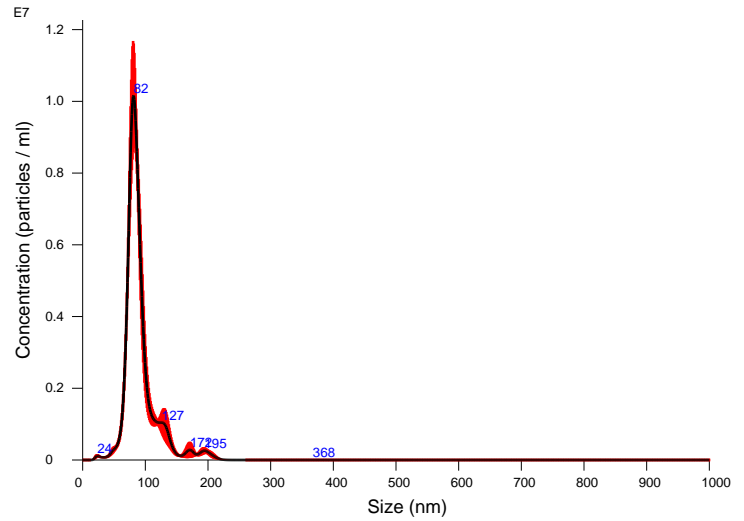


FTLA Concentration / Size graph for Experiment:
S_40x RT13 2023-05-31 12-10-45



Averaged FTLA Concentration / Size for Experiment:
S_40x RT13 2023-05-31 12-10-45
Error bars indicate + / - 1 standard error of the mean

Included Files

S_40x RT13 2023-05-31 12-11-29
S_40x RT13 2023-05-31 12-12-13
S_40x RT13 2023-05-31 12-13-03
S_40x RT13 2023-05-31 12-13-49
S_40x RT13 2023-05-31 12-14-33

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-10-45PM 31May2023.txt
Time Captured: 12:10:45 31/05/2023
Operator: LN
Pre-treatment:
Sample Name: S_40x RT13
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 7
Slider Shutter: 121
Slider Gain: 24
FPS: 25.0
Number of Frames: 749
Temperature: 24.4 °C
Viscosity: (Water) 0.9 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.2 - 22.2 pix

Results

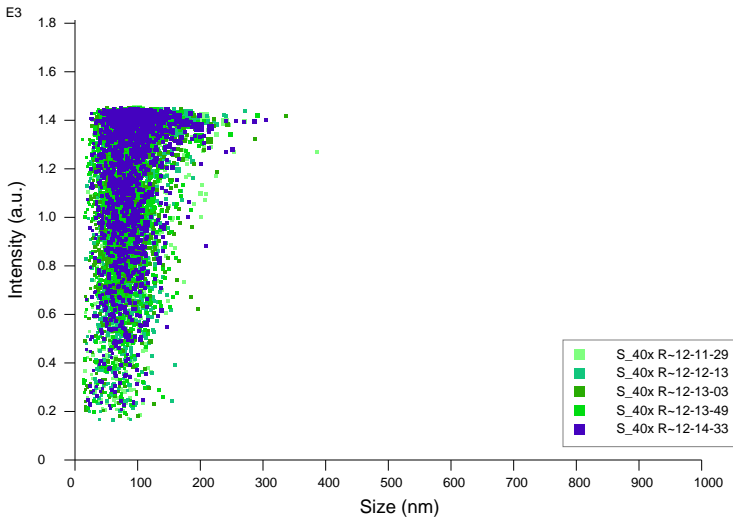
Stats: Merged Data

Mean: 91.3 nm
Mode: 81.2 nm
SD: 26.2 nm
D10: 70.5 nm
D50: 84.8 nm
D90: 123.9 nm

Stats: Mean +/- Standard Error

Mean: 91.5 +/- 1.4 nm
Mode: 83.0 +/- 1.9 nm
SD: 26.1 +/- 1.3 nm
D10: 70.3 +/- 1.0 nm
D50: 85.1 +/- 1.3 nm
D90: 121.7 +/- 4.3 nm
Concentration (Upgrade): 2.98e+08 +/- 1.39e+07 particles/ml
48.2 +/- 2.1 particles/frame
114.9 +/- 7.8 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
S_40x RT13 2023-05-31 12-10-45