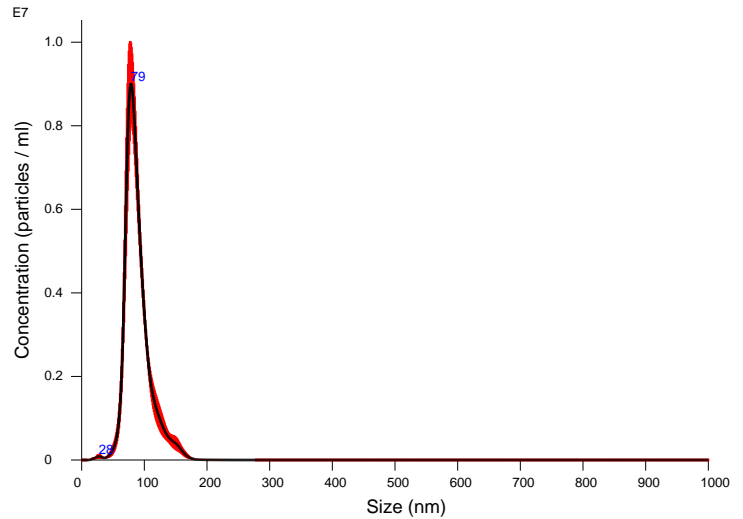


FTLA Concentration / Size graph for Experiment:
STh10_40x RT13 2023-05-31 12-38-06



Averaged FTLA Concentration / Size for Experiment:
STh10_40x RT13 2023-05-31 12-38-06
Error bars indicate + / - 1 standard error of the mean

Included Files

STh10_40x RT13 2023-05-31 12-38-21
STh10_40x RT13 2023-05-31 12-39-16
STh10_40x RT13 2023-05-31 12-40-03
STh10_40x RT13 2023-05-31 12-40-49
STh10_40x RT13 2023-05-31 12-41-36

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-38-06PM 31May2023.txt
Time Captured: 12:38:06 31/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh10_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: 24.9 - 24.9 °C
Viscosity: (Water) 0.890 - 0.891 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.6 - 21.9 pix

Results

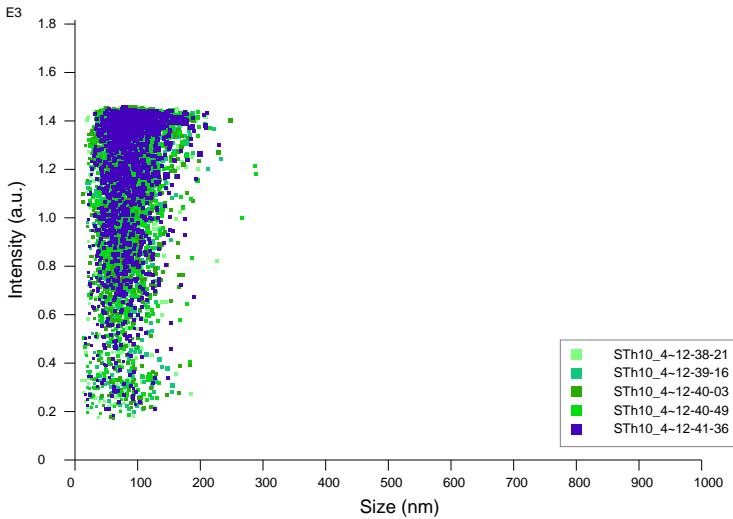
Stats: Merged Data

Mean: 88.8 nm
Mode: 78.7 nm
SD: 20.7 nm
D10: 69.0 nm
D50: 84.5 nm
D90: 116.2 nm

Stats: Mean +/- Standard Error

Mean: 88.8 +/- 1.2 nm
Mode: 79.5 +/- 1.6 nm
SD: 20.4 +/- 0.6 nm
D10: 68.9 +/- 0.9 nm
D50: 84.5 +/- 1.2 nm
D90: 115.1 +/- 3.1 nm
Concentration (Upgrade): 3.09e+08 +/- 1.49e+07 particles/ml
48.1 +/- 2.4 particles/frame
115.3 +/- 3.7 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh10_40x RT13 2023-05-31 12-38-06