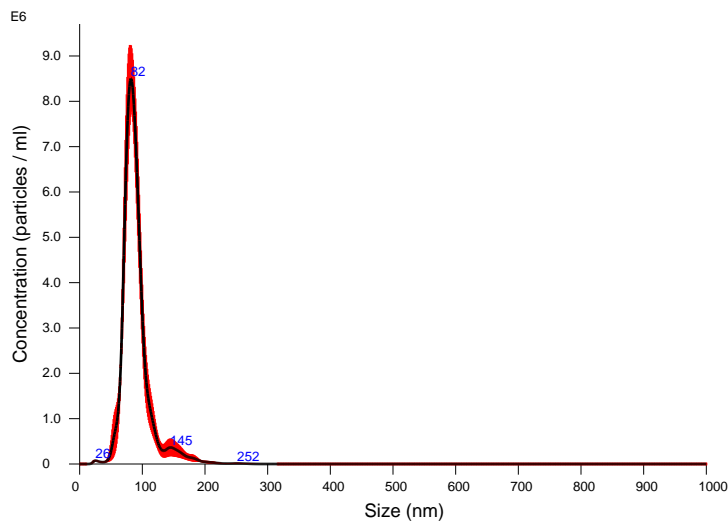


FTLA Concentration / Size graph for Experiment:
STh5_40x RT13 2023-05-31 12-29-05



Averaged FTLA Concentration / Size for Experiment:
STh5_40x RT13 2023-05-31 12-29-05
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x RT13 2023-05-31 12-29-21
STh5_40x RT13 2023-05-31 12-30-08
STh5_40x RT13 2023-05-31 12-30-58
STh5_40x RT13 2023-05-31 12-31-41
STh5_40x RT13 2023-05-31 12-32-20

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-29-05PM 31May2023.txt
Time Captured: 12:29:05 31/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_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: 24.7 - 24.7 °C
Viscosity: (Water) 0.894 - 0.896 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.1 - 21.2 pix

Results

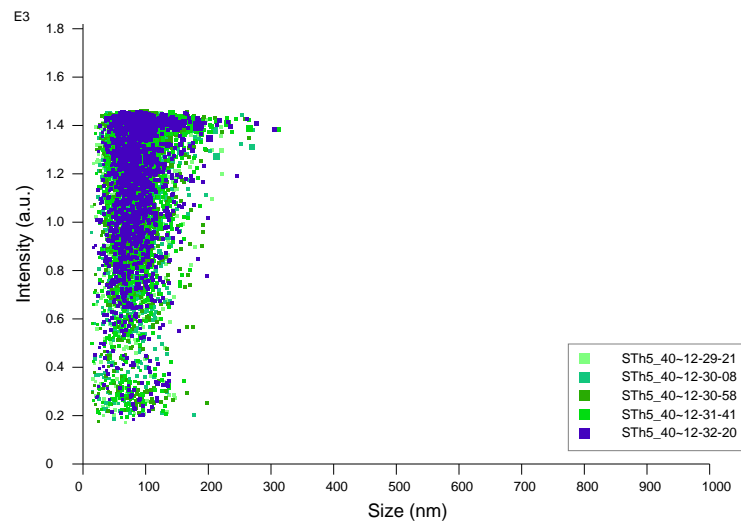
Stats: Merged Data

Mean: 89.6 nm
Mode: 81.9 nm
SD: 23.5 nm
D10: 69.4 nm
D50: 85.1 nm
D90: 112.7 nm

Stats: Mean +/- Standard Error

Mean: 89.5 +/- 1.1 nm
Mode: 81.5 +/- 1.8 nm
SD: 22.9 +/- 2.1 nm
D10: 68.5 +/- 1.8 nm
D50: 85.3 +/- 0.7 nm
D90: 114.4 +/- 6.7 nm
Concentration (Upgrade): 2.83e+08 +/- 7.70e+06 particles/ml
44.6 +/- 1.0 particles/frame
97.4 +/- 6.0 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x RT13 2023-05-31 12-29-05