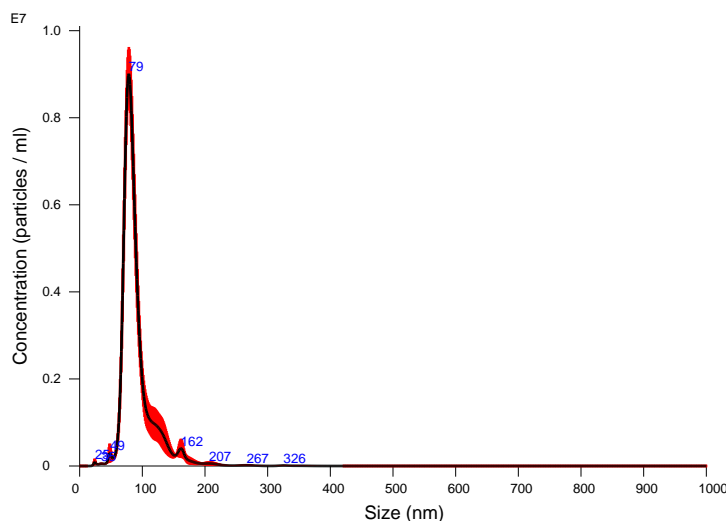


FTLA Concentration / Size graph for Experiment:
STh5_40x FD7 2023-05-31 12-58-36



Averaged FTLA Concentration / Size for Experiment:
STh5_40x FD7 2023-05-31 12-58-36
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x FD7 2023-05-31 12-58-51
STh5_40x FD7 2023-05-31 12-59-39
STh5_40x FD7 2023-05-31 13-00-18
STh5_40x FD7 2023-05-31 13-00-59
STh5_40x FD7 2023-05-31 13-01-43

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-58-36PM 31May2023.txt
Time Captured: 12:58:36 31/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_40x FD7
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: 25.4 - 25.5 °C
Viscosity: (Water) 0.879 - 0.881 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.3 - 22.8 pix

Results

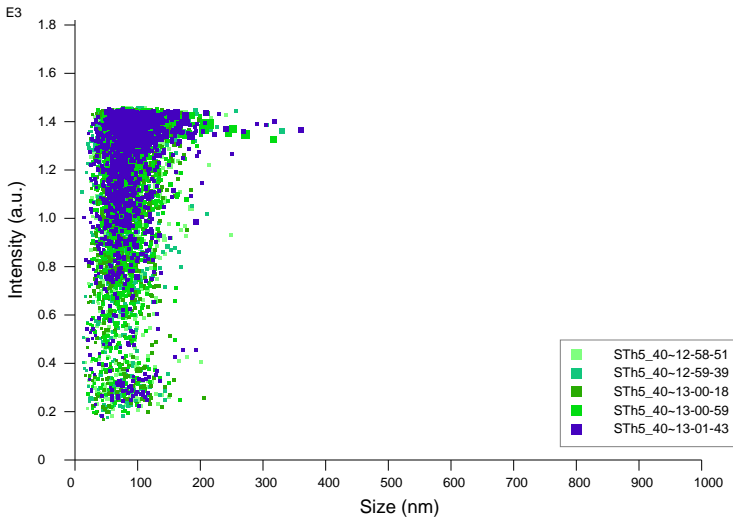
Stats: Merged Data

Mean: 90.8 nm
Mode: 78.4 nm
SD: 28.2 nm
D10: 69.8 nm
D50: 83.1 nm
D90: 124.2 nm

Stats: Mean +/- Standard Error

Mean: 90.7 +/- 1.6 nm
Mode: 78.3 +/- 1.0 nm
SD: 27.7 +/- 2.6 nm
D10: 70.0 +/- 1.0 nm
D50: 82.9 +/- 0.7 nm
D90: 118.1 +/- 6.3 nm
Concentration (Upgrade): 2.62e+08 +/- 1.58e+07 particles/ml
40.9 +/- 2.2 particles/frame
90.9 +/- 6.1 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x FD7 2023-05-31 12-58-36