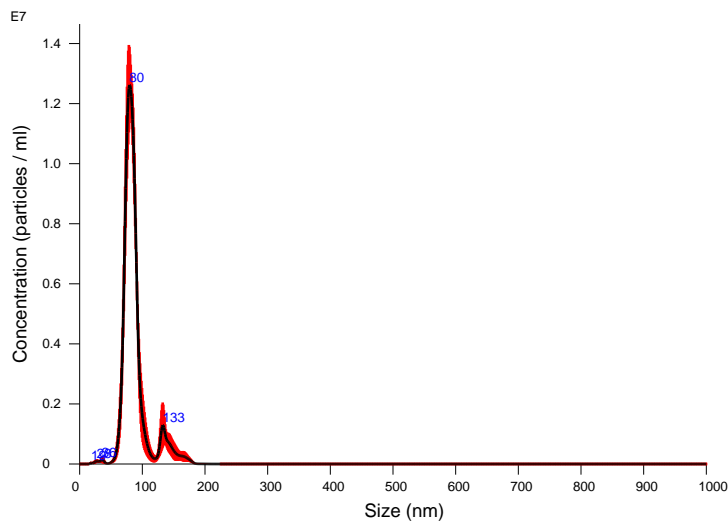


FTLA Concentration / Size graph for Experiment:
STh1_40x RT13 2023-05-31 12-20-16



Averaged FTLA Concentration / Size for Experiment:
STh1_40x RT13 2023-05-31 12-20-16
Error bars indicate + / - 1 standard error of the mean

Included Files

STh1_40x RT13 2023-05-31 12-20-34
STh1_40x RT13 2023-05-31 12-21-21
STh1_40x RT13 2023-05-31 12-22-08
STh1_40x RT13 2023-05-31 12-22-49
STh1_40x RT13 2023-05-31 12-23-33

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-20-16PM 31May2023.txt
Time Captured: 12:20:16 31/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh1_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: 24.5 - 24.5 °C
Viscosity: (Water) 0.898 - 0.900 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.2 - 20.6 pix

Results

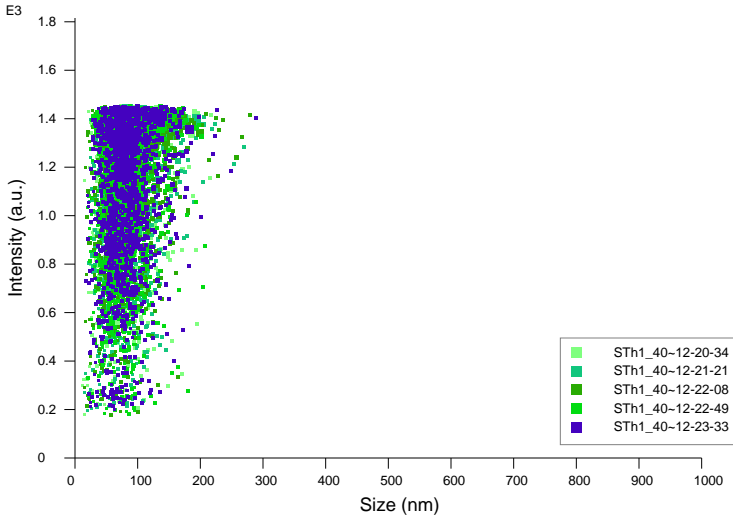
Stats: Merged Data

Mean: 87.2 nm
Mode: 79.9 nm
SD: 20.9 nm
D10: 70.8 nm
D50: 82.3 nm
D90: 110.6 nm

Stats: Mean +/- Standard Error

Mean: 87.1 +/- 1.2 nm
Mode: 80.5 +/- 1.6 nm
SD: 20.5 +/- 1.1 nm
D10: 70.5 +/- 1.0 nm
D50: 82.4 +/- 0.7 nm
D90: 111.9 +/- 8.5 nm
Concentration (Upgrade): 3.12e+08 +/- 9.81e+06 particles/ml
49.4 +/- 1.3 particles/frame
103.9 +/- 4.3 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh1_40x RT13 2023-05-31 12-20-16