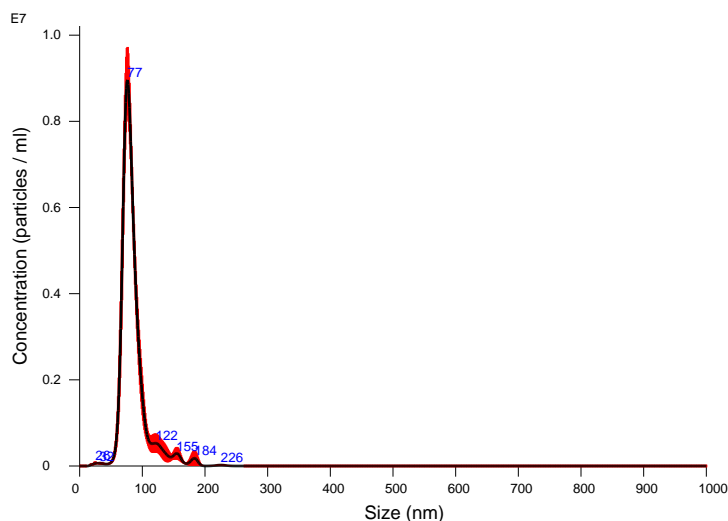


FTLA Concentration / Size graph for Experiment:
S_40x RT34 2023-06-21 14-37-03



Averaged FTLA Concentration / Size for Experiment:
S_40x RT34 2023-06-21 14-37-03
Error bars indicate + / - 1 standard error of the mean

Included Files

S_40x RT34 2023-06-21 14-37-34
S_40x RT34 2023-06-21 14-38-18
S_40x RT34 2023-06-21 14-39-00
S_40x RT34 2023-06-21 14-39-43
S_40x RT34 2023-06-21 14-40-26

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 02-37-03PM 21Jun2023.txt
Time Captured: 14:37:03 21/06/2023
Operator: LN
Pre-treatment:
Sample Name: S_40x RT34
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 6
Slider Shutter: 64
Slider Gain: 5
FPS: 25.0
Number of Frames: 749
Temperature: 24.5 °C
Viscosity: (Water) 0.9 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 20.5 - 21.8 pix

Results

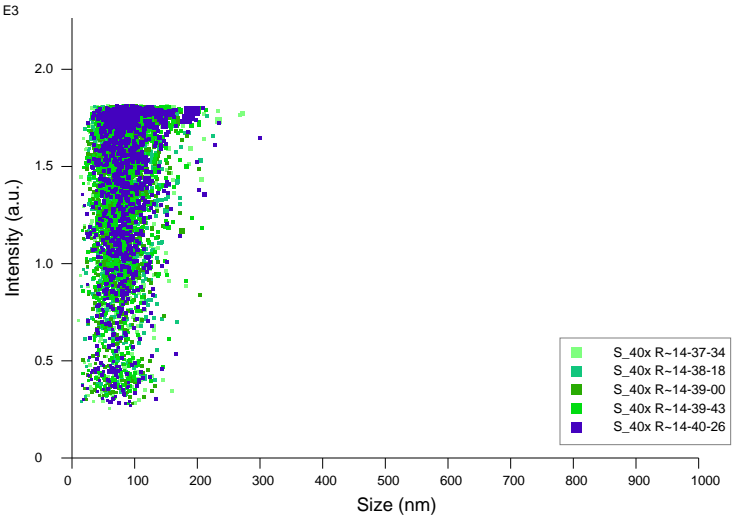
Stats: Merged Data

Mean: 85.3 nm
Mode: 76.2 nm
SD: 22.1 nm
D10: 67.7 nm
D50: 80.0 nm
D90: 108.1 nm

Stats: Mean +/- Standard Error

Mean: 85.4 +/- 1.5 nm
Mode: 76.2 +/- 1.0 nm
SD: 21.7 +/- 2.0 nm
D10: 67.9 +/- 0.8 nm
D50: 80.0 +/- 0.5 nm
D90: 109.0 +/- 5.5 nm
Concentration (Upgrade): 2.39e+08 +/- 9.54e+06 particles/ml
39.0 +/- 1.5 particles/frame
106.4 +/- 5.3 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
S_40x RT34 2023-06-21 14-37-03