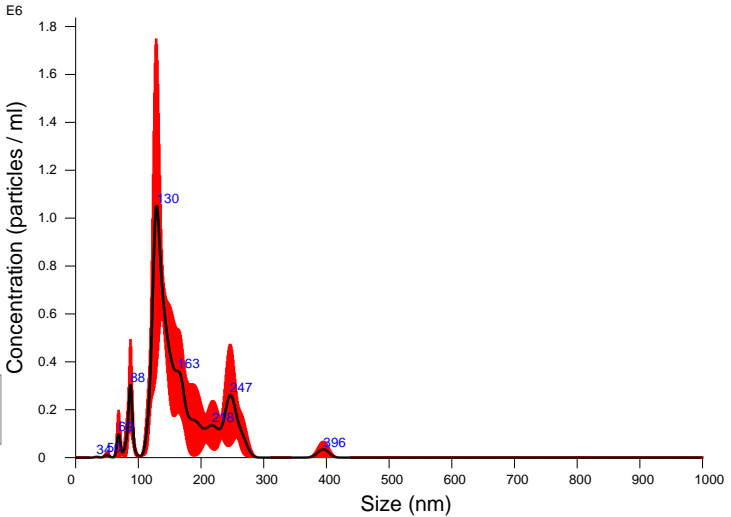


FTLA Concentration / Size graph for Experiment:
EV_plasma_S-O_pz2 2021-09-02 16-20-28



Averaged FTLA Concentration / Size for Experiment:
EV_plasma_S-O_pz2 2021-09-02 16-20-28
Error bars indicate + / - 1 standard error of the mean

Included Files

EV_plasma_S-O_pz2 2021-09-02 16-20-36
EV_plasma_S-O_pz2 2021-09-02 16-21-41
EV_plasma_S-O_pz2 2021-09-02 16-22-46

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 04-20-28PM 02~
Time Captured: 16:20:28 02/09/2021
Operator: simo
Pre-treatment:
Sample Name: EV_plasma_S-O_pz2
Diluent:
Remarks: 1:1000

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 14
Slider Shutter: 1259
Slider Gain: 366
FPS: 25.0
Number of Frames: 1498
Temperature: 26.3 °C
Viscosity: (Water) 0.861 - 0.863 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 50

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 14.0 - 16.9 pix

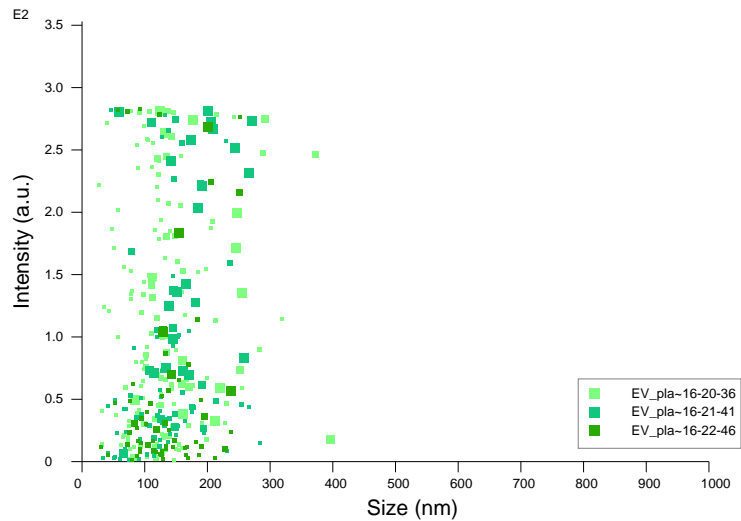
Results

Stats: Merged Data

Mean: 164.8 nm
Mode: 129.1 nm
SD: 55.6 nm
D10: 118.2 nm
D50: 146.2 nm
D90: 245.4 nm

Stats: Mean +/- Standard Error

Mean: 163.3 +/- 3.7 nm
Mode: 139.3 +/- 6.6 nm
SD: 52.6 +/- 6.5 nm
D10: 108.8 +/- 10.6 nm
D50: 144.7 +/- 7.5 nm
D90: 240.5 +/- 8.5 nm
Concentration: 5.24e+007 +/- 1.18e+007 particles/ml
2.7 +/- 0.6 particles/frame
3.3 +/- 0.8 centres/frame



Intensity / Size graph for Experiment:
EV_plasma_S-O_pz2 2021-09-02 16-20-28

Script Used: (Full Text):

SOP Standard Measurement 04-20-28PM 02Sep2021.txt