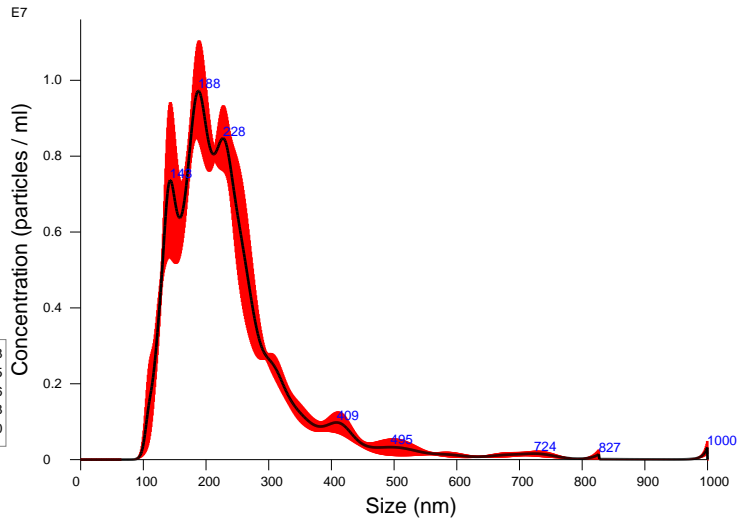


FTLA Concentration / Size graph for Experiment:
NanoBubble # 2016-09-13 15-42-53



Averaged FTLA Concentration / Size for Experiment:
NanoBubble # 2016-09-13 15-42-53
Error bars indicate + / -1 standard error of the mean

Included Files

NanoBubble # 2016-09-13 15-43-18
 NanoBubble # 2016-09-13 15-44-45
 NanoBubble # 2016-09-13 15-46-16
 NanoBubble # 2016-09-13 15-47-38
 NanoBubble # 2016-09-13 15-49-10

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
 Script Used: SOP Standard Measurement 03-42-31PM 13~
 Time Captured: 15:42:53 13/09/2016
 Operator: QDJ
 Pre-treatment: -
 Sample Name: NanoBubble
 Diluent: -
 Remarks:

Capture Settings

Camera Type: sCMOS
 Laser Type: Blue405
 Camera Level: 12
 Slider Shutter: 1200
 Slider Gain: 146
 FPS: 25.0
 Number of Frames: 1498
 Temperature: 26.5 - 26.7 °C
 Viscosity: (Water) 0.855 - 0.859 cP
 Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 4
 Blur Size: Auto
 Max Jump Distance: Auto: 6.8 - 7.3 pix

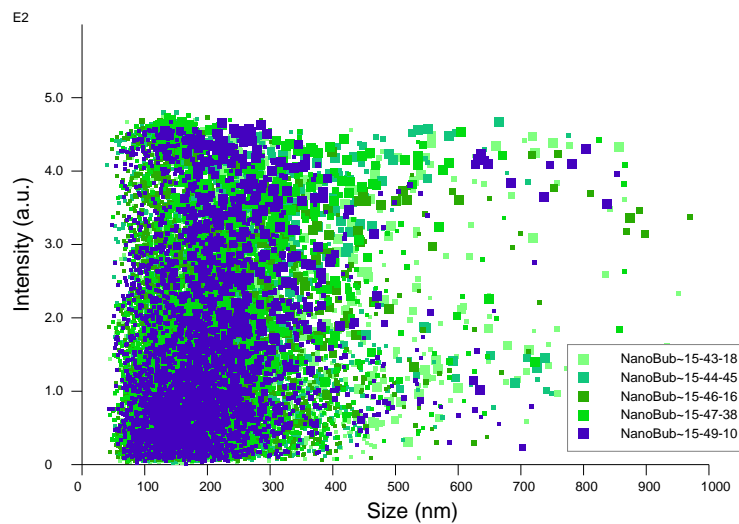
Results

Stats: Merged Data

Mean: 238.0 nm
 Mode: 187.8 nm
 SD: 107.3 nm
 D10: 140.7 nm
 D50: 213.8 nm
 D90: 351.7 nm

Stats: Mean +/- Standard Error

Mean: 237.4 +/- 5.1 nm
 Mode: 186.7 +/- 13.4 nm
 SD: 106.5 +/- 3.2 nm
 D10: 143.8 +/- 5.3 nm
 D50: 213.2 +/- 4.7 nm
 D90: 352.0 +/- 3.7 nm
 Concentration: 1.47e+009 +/- 7.38e+007 particles/ml
 74.4 +/- 3.7 particles/frame
 81.4 +/- 3.7 centres/frame



Intensity / Size graph for Experiment:
NanoBubble # 2016-09-13 15-42-53

Script Used: (Full Text):

SOP Standard Measurement 03-42-31PM 13Sep2016.txt