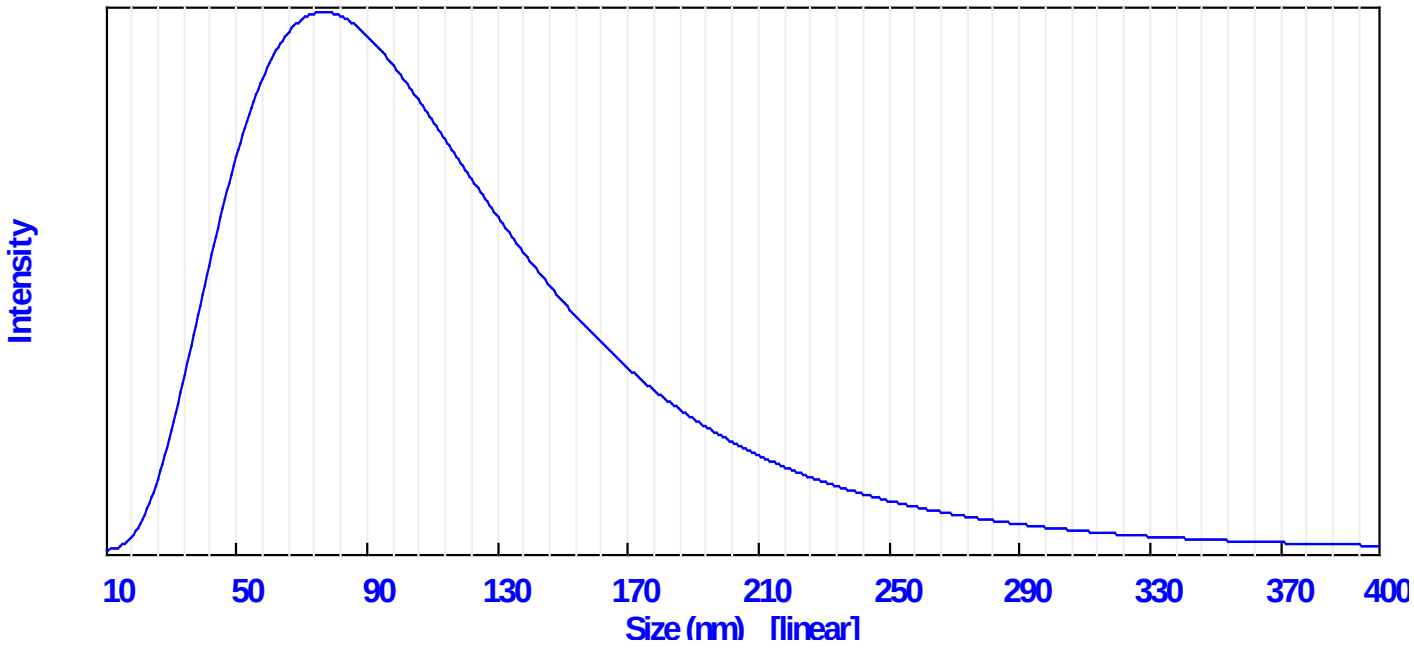
Sample Name: Group2_orig

Comments: original nanoparticles
Operator: Eeva
Temperature: 20.0°C
Start Time: 21-Aug-14 10:45:48 AM
Auto SDP: Yes
Angle: 90.0 °
Run Time(manual): 85s
Sample Time(auto): 2.5 us
Prescale(auto): 8

SOM / SOP Name: Janne1.som
Diluent: WATER
End Time: 21-Aug-14 10:48:46 AM
Diluent Viscosity / RI: 1.002 cP / 1.333

Unimodal Results Summary

Angle	Mean (nm)	P.I.	Diff.Coef (m^2/s)	Counts/s	Baseline Error	Overflow
90.0°	84.6	0.896	5.07e-12	1.37e+06	0.16%	0



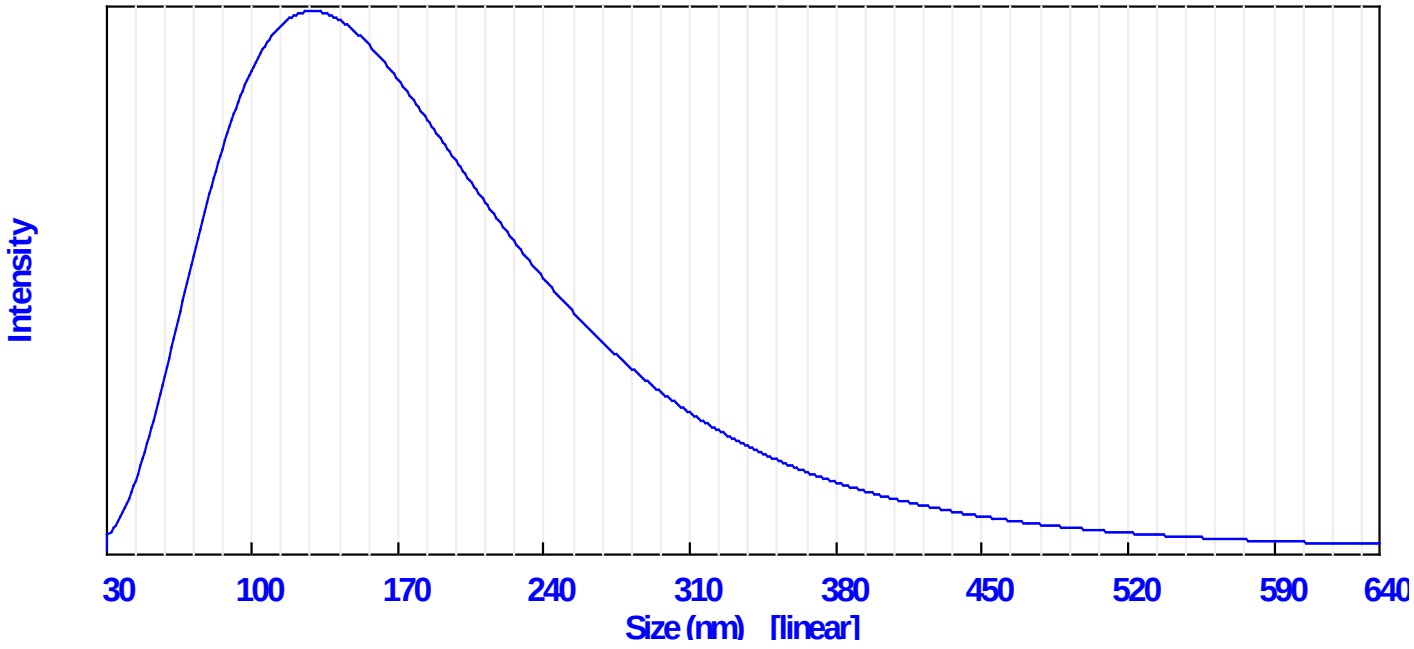
Sample Name: Group3_orig

Comments: original nanoparticles
Operator: Eeva
Temperature: 20.0°C
Start Time: 21-Aug-14 10:51:24 AM
Auto SDP: Yes
Angle: 90.0 °
Run Time(manual): 85s
Sample Time(auto): 3.5 us
Prescale(auto): 16

SOM / SOP Name: Janne1.som
Diluent: WATER
End Time: 21-Aug-14 10:54:21 AM
Diluent Viscosity / RI: 1.002 cP / 1.333

Unimodal Results Summary

Angle	Mean (nm)	P.I.	Diff.Coef (m^2/s)	Counts/s	Baseline Error	Overflow
90.0°	141.2	0.627	3.03e-12	1.95e+06	3.22%	0



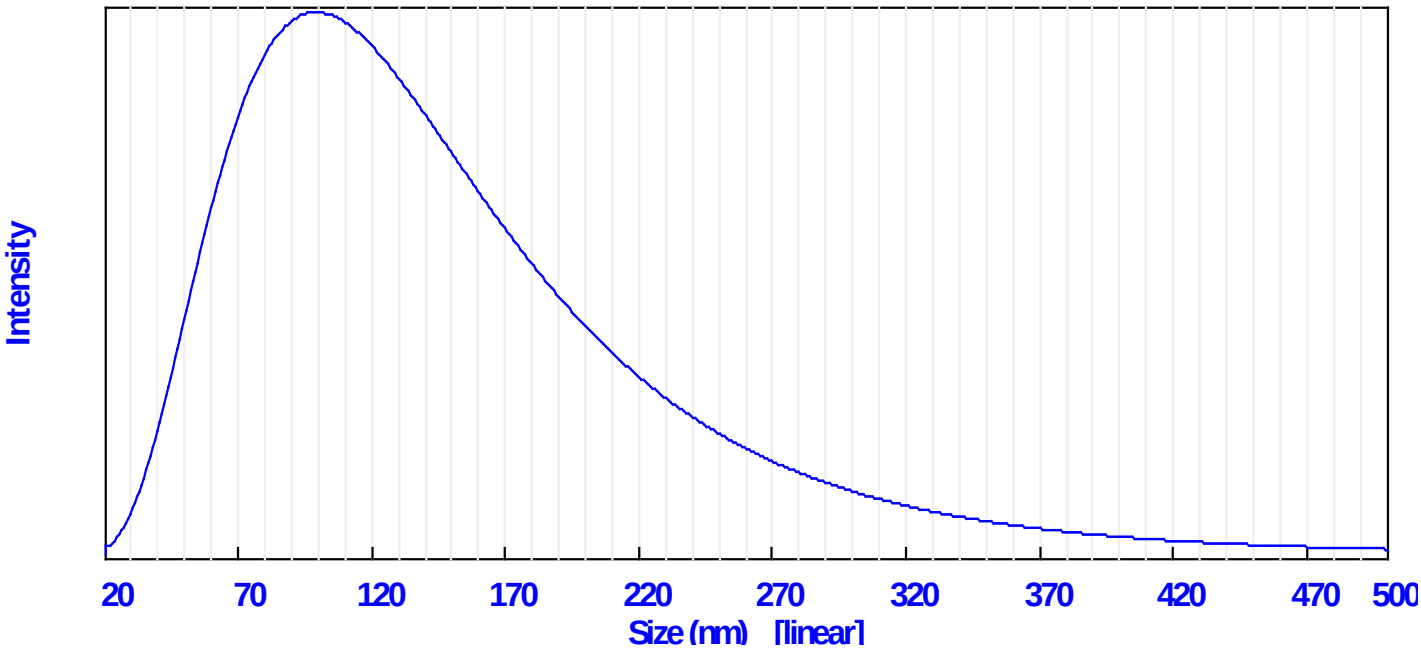
Sample Name: Group4_orig

Comments: original nanoparticles
Operator: Eeva
Temperature: 20.0°C
Start Time: 21-Aug-14 11:00:22 AM
Auto SDP: Yes
Angle: 90.0 °
Run Time(manual): 85s
Sample Time(auto): 2.5 us
Prescale(auto): 4

SOM / SOP Name: Janne1.som
Diluent: WATER
End Time: 21-Aug-14 11:03:19 AM
Diluent Viscosity / RI: 1.002 cP / 1.333

Unimodal Results Summary

Angle	Mean (nm)	P.I.	Diff.Coef (m²/s)	Counts/s	Baseline Error	Overflow
90.0°	108.8	0.696	3.94e-12	4.21e+05	1.37%	0



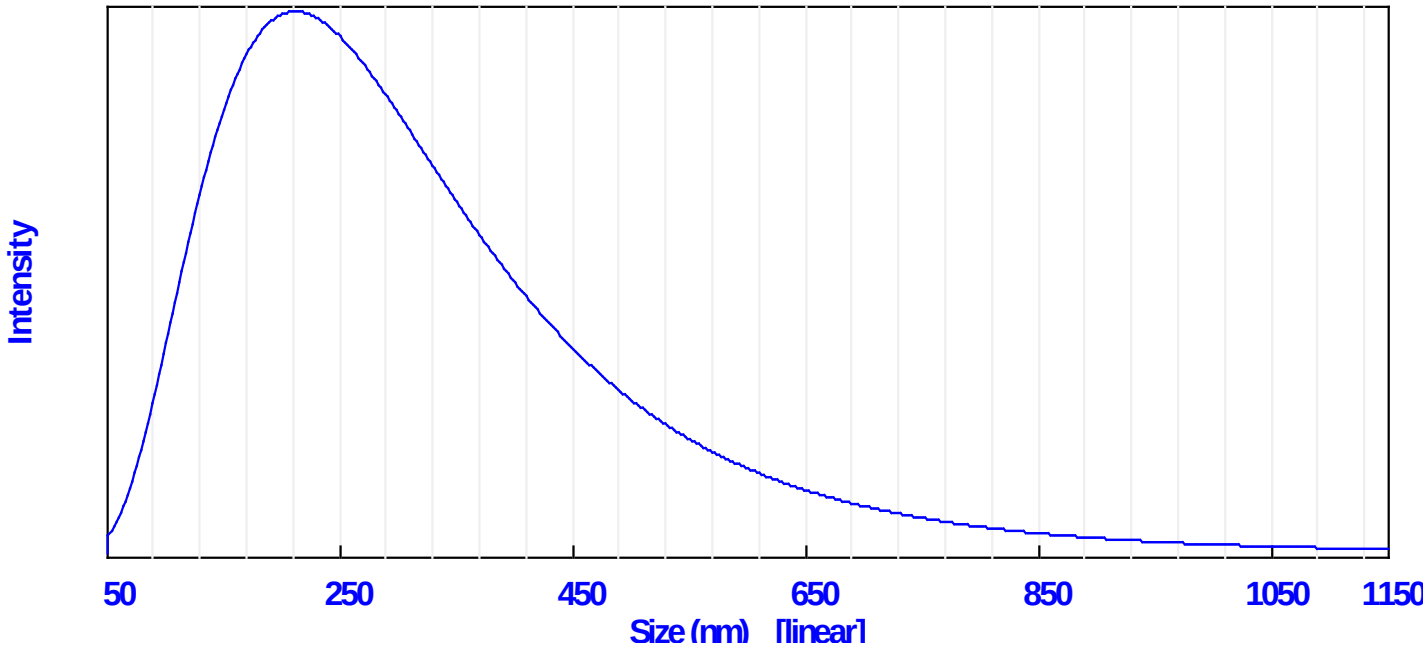
Sample Name: Group4_lake

Comments: original nanoparticles
Operator: Eeva
Temperature: 20.0°C
Start Time: 21-Aug-14 11:07:04 AM
Auto SDP: Yes
Angle: 90.0 °
Run Time(manual): 85s
Sample Time(auto): 5 us
Prescale(auto): 8

SOM / SOP Name: Janne1.som
Diluent: WATER
End Time: 21-Aug-14 11:10:03 AM
Diluent Viscosity / RI: 1.002 cP / 1.333

Unimodal Results Summary

Angle	Mean (nm)	P.I.	Diff.Coef (m^2/s)	Counts/s	Baseline Error	Overflow
90.0°	233.8	0.853	1.83e-12	6.46e+05	2.46%	0



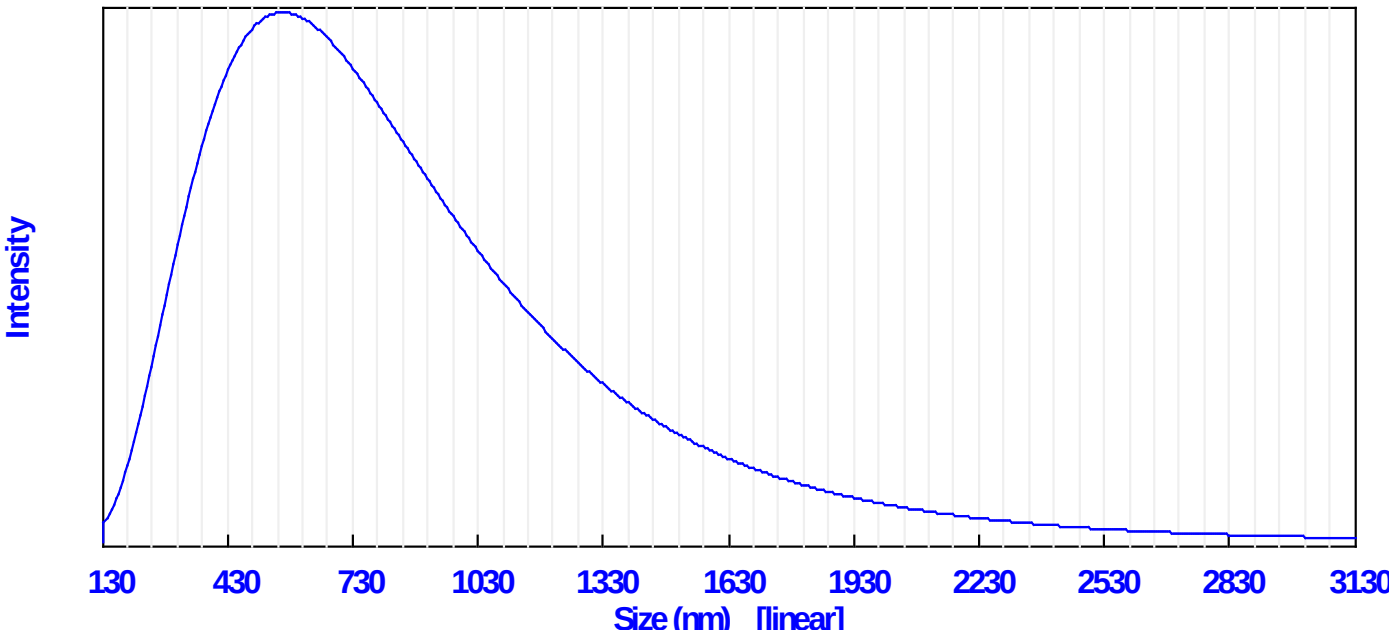
Sample Name: Group4_AFW

Comments: original nanoparticles
Operator: Eeva
Temperature: 20.0°C
Start Time: 21-Aug-14 11:14:33 AM
Auto SDP: Yes
Angle: 90.0 °
Run Time(manual): 85s
Sample Time(auto): 11.5 us
Prescale(auto): 4

SOM / SOP Name: Janne1.som
Diluent: WATER
End Time: 21-Aug-14 11:17:30 AM
Diluent Viscosity / RI: 1.002 cP / 1.333

Unimodal Results Summary

Angle	Mean (nm)	P.I.	Diff.Coef (m^2/s)	Counts/s	Baseline Error	Overflow
90.0°	626.4	1.570	6.84e-13	1.21e+05	12.24%	38



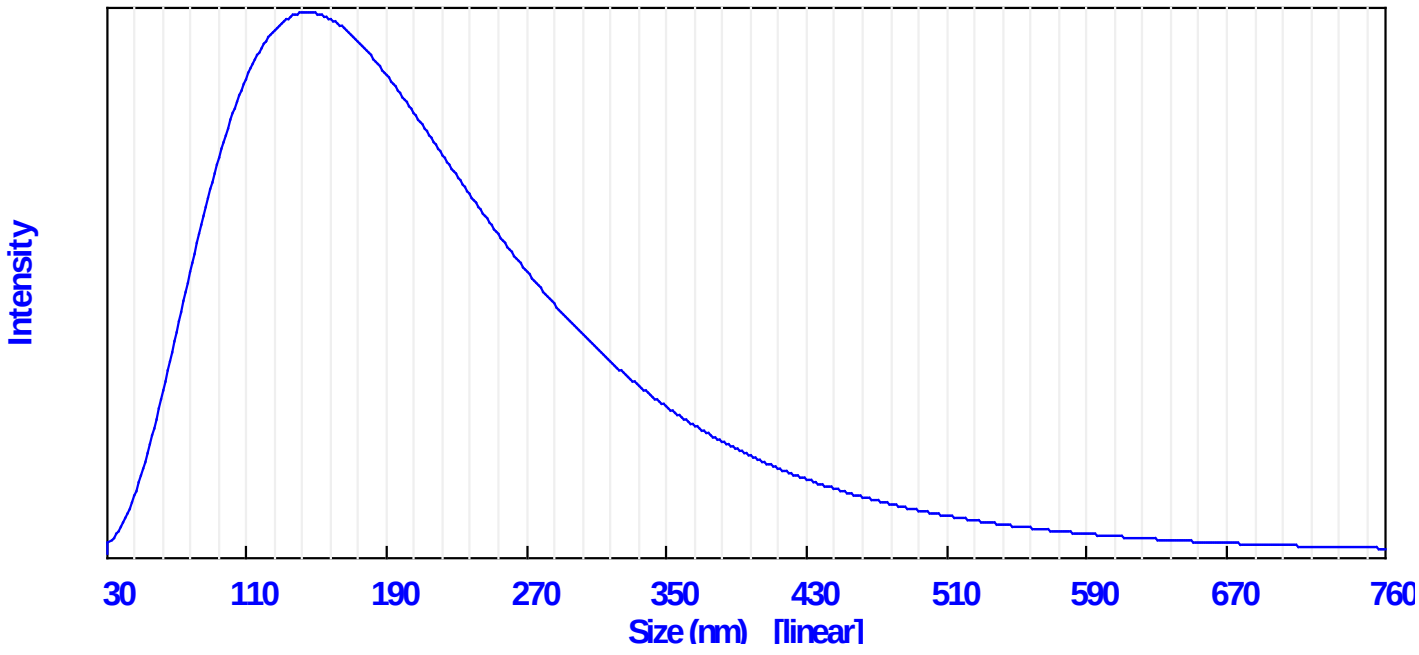
Sample Name: Group2_lake

Comments: original nanoparticles
Operator: Eeva
Temperature: 20.0°C
Start Time: 21-Aug-14 11:22:20 AM
Auto SDP: Yes
Angle: 90.0 °
Run Time(manual): 85s
Sample Time(auto): 4 us
Prescale(auto): 4

SOM / SOP Name: Janne1.som
Diluent: WATER
End Time: 21-Aug-14 11:25:17 AM
Diluent Viscosity / RI: 1.002 cP / 1.333

Unimodal Results Summary

Angle	Mean (nm)	P.I.	Diff.Coef (m^2/s)	Counts/s	Baseline Error	Overflow
90.0°	160.5	1.030	2.67e-12	3.87e+05	1.76%	0



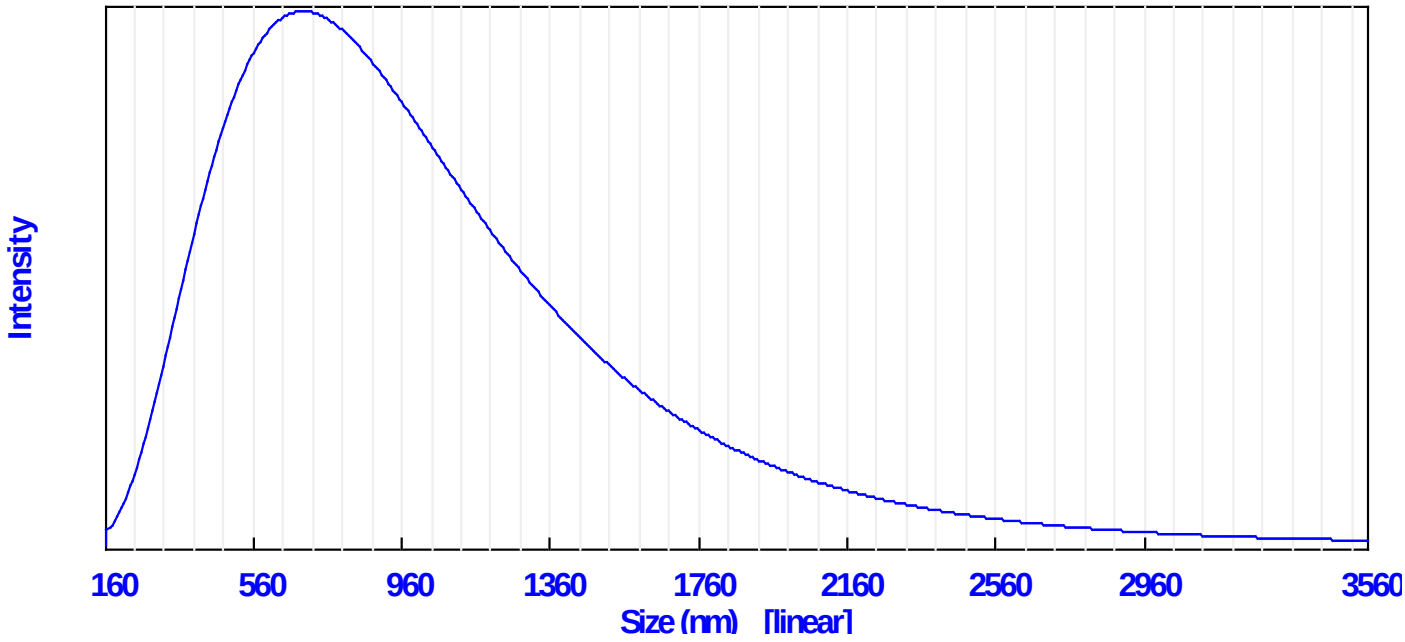
Sample Name: Group2_AFW

Comments: original nanoparticles
Operator: Eeva
Temperature: 20.0°C
Start Time: 21-Aug-14 11:28:08 AM
Auto SDP: Yes
Angle: 90.0 °
Run Time(manual): 85s
Sample Time(auto): 10.5 us
Prescale(auto): 8

SOM / SOP Name: Janne1.som
Diluent: WATER
End Time: 21-Aug-14 11:31:06 AM
Diluent Viscosity / RI: 1.002 cP / 1.333

Unimodal Results Summary

Angle	Mean (nm)	P.I.	Diff.Coef (m^2/s)	Counts/s	Baseline Error	Overflow
90.0°	760.1	0.644	5.64e-13	2.93e+05	12.89%	0



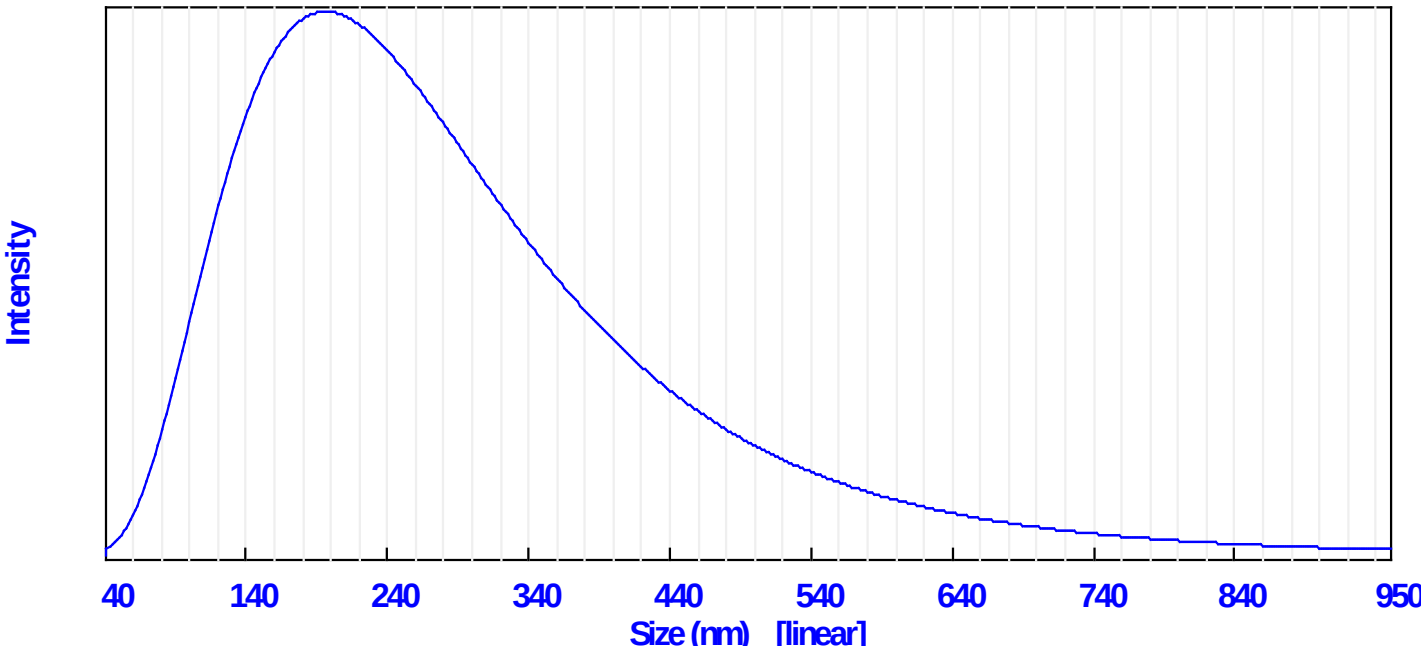
Sample Name: Group3_lake

Comments: original nanoparticles
Operator: Eeva
Temperature: 20.0°C
Start Time: 21-Aug-14 11:36:44 AM
Auto SDP: Yes
Angle: 90.0 °
Run Time(manual): 85s
Sample Time(auto): 4.5 us
Prescale(auto): 16

SOM / SOP Name: Janne1.som
Diluent: WATER
End Time: 21-Aug-14 11:39:43 AM
Diluent Viscosity / RI: 1.002 cP / 1.333

Unimodal Results Summary

Angle	Mean (nm)	P.I.	Diff.Coef (m^2/s)	Counts/s	Baseline Error	Overflow
90.0°	213.9	0.513	2.00e-12	1.10e+06	0.63%	0



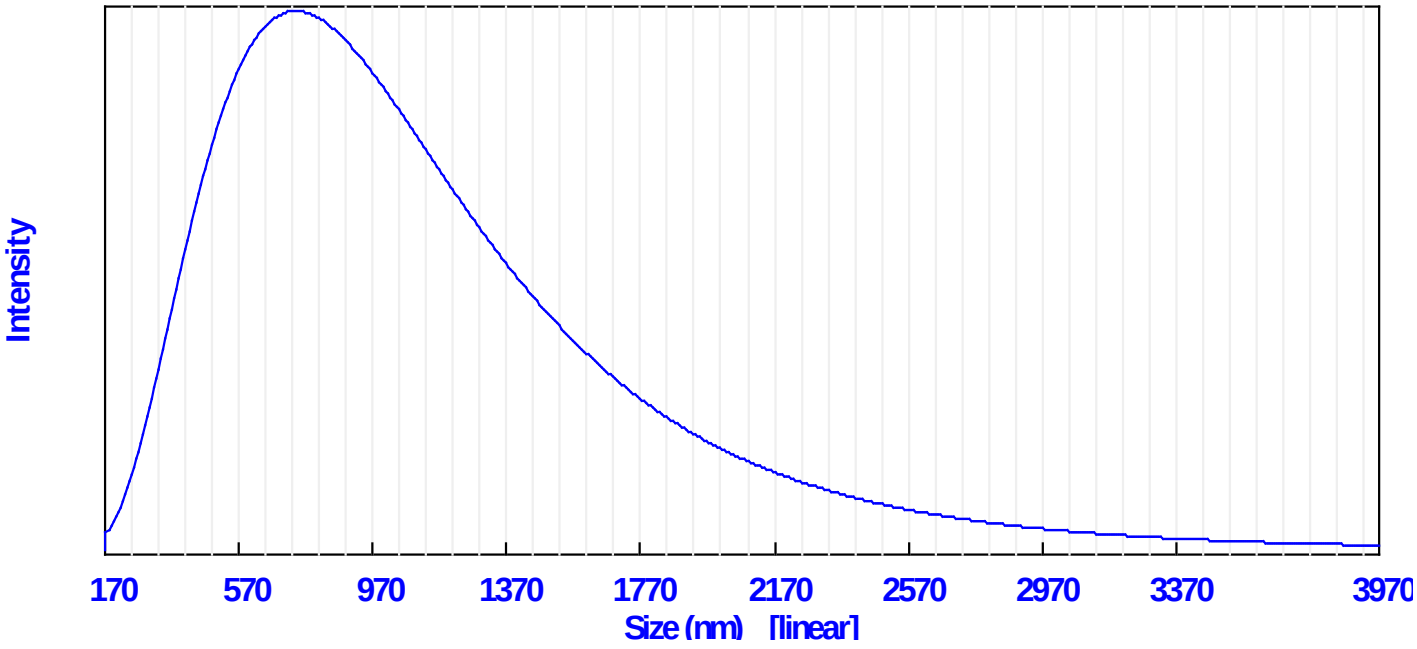
Sample Name: Group3_AFW

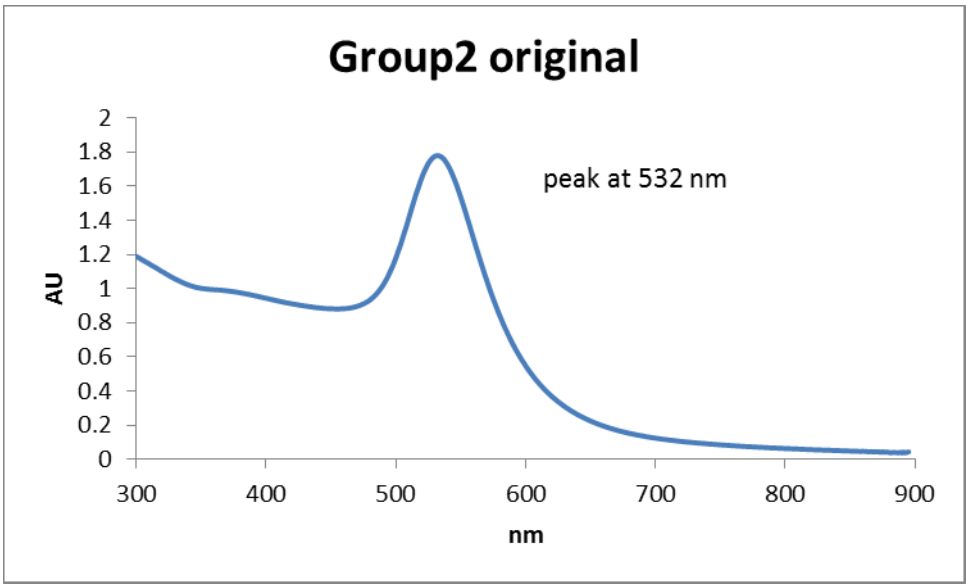
Comments: original nanoparticles
Operator: Eeva
Temperature: 20.0°C
Start Time: 21-Aug-14 11:45:13 AM
Auto SDP: Yes
Angle: 90.0 °
Run Time(manual): 85s
Sample Time(auto): 14 us
Prescale(auto): 64

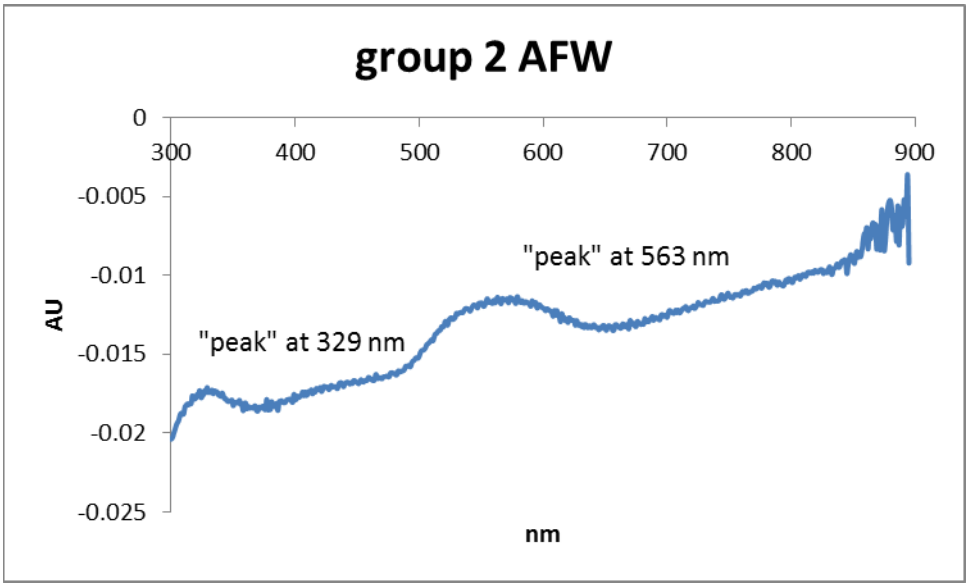
SOM / SOP Name: Janne1.som
Diluent: WATER
End Time: 21-Aug-14 11:48:12 AM
Diluent Viscosity / RI: 1.002 cP / 1.333

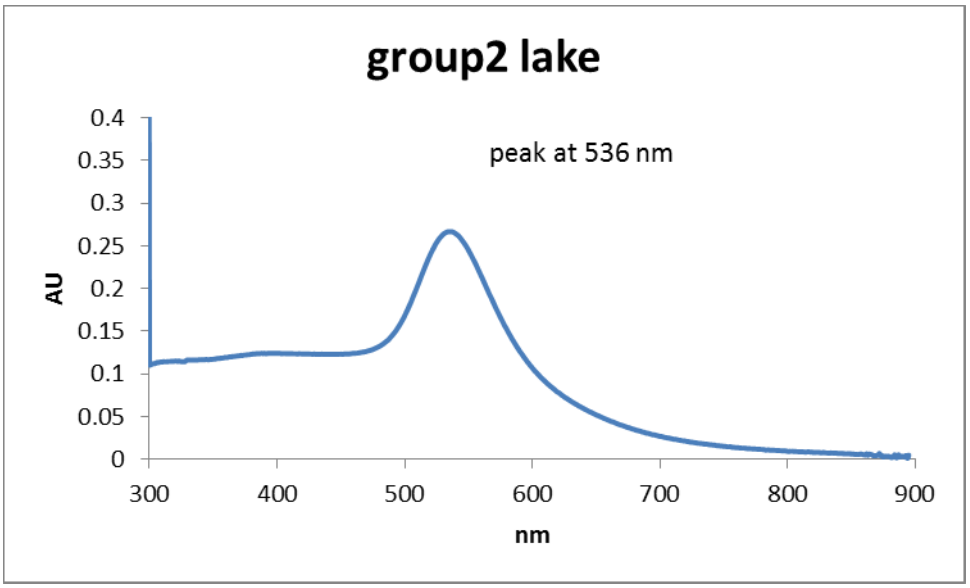
Unimodal Results Summary

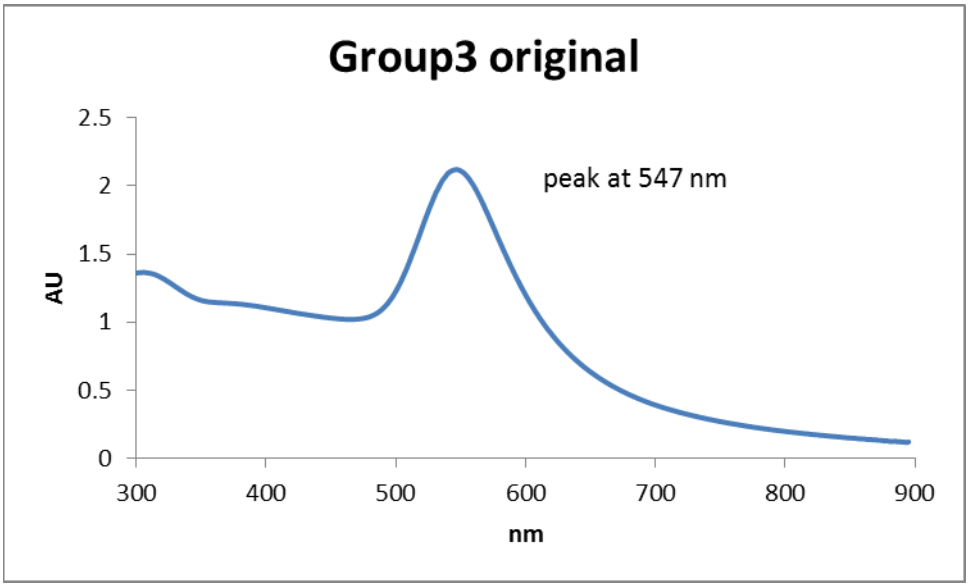
Angle	Mean (nm)	P.I.	Diff.Coef (m^2/s)	Counts/s	Baseline Error	Overflow
90.0°	821.2	1.022	5.22e-13	1.25e+06	10.35%	0

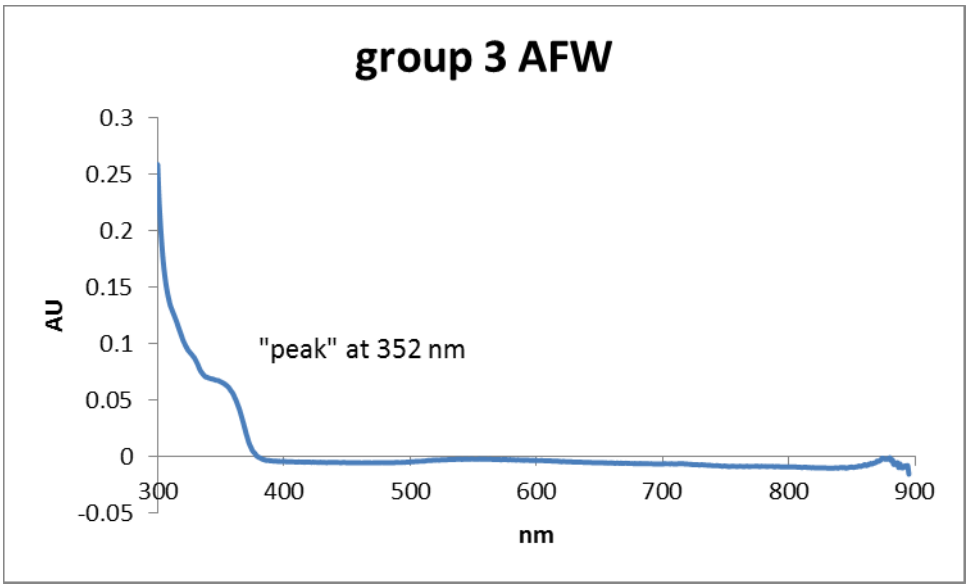


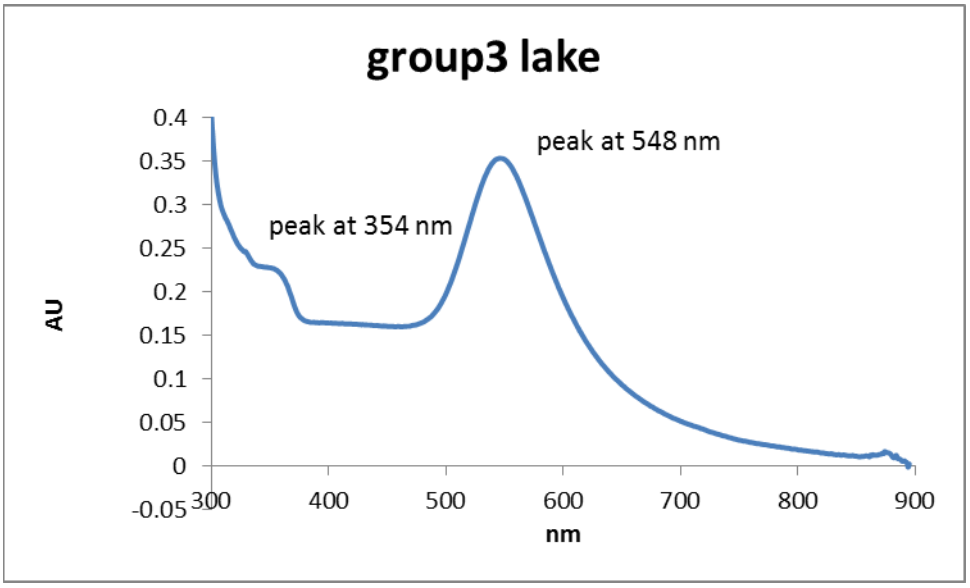

Group2 original
peak at 532 nm
AU
nm
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
300
400
500
600
700
800
900

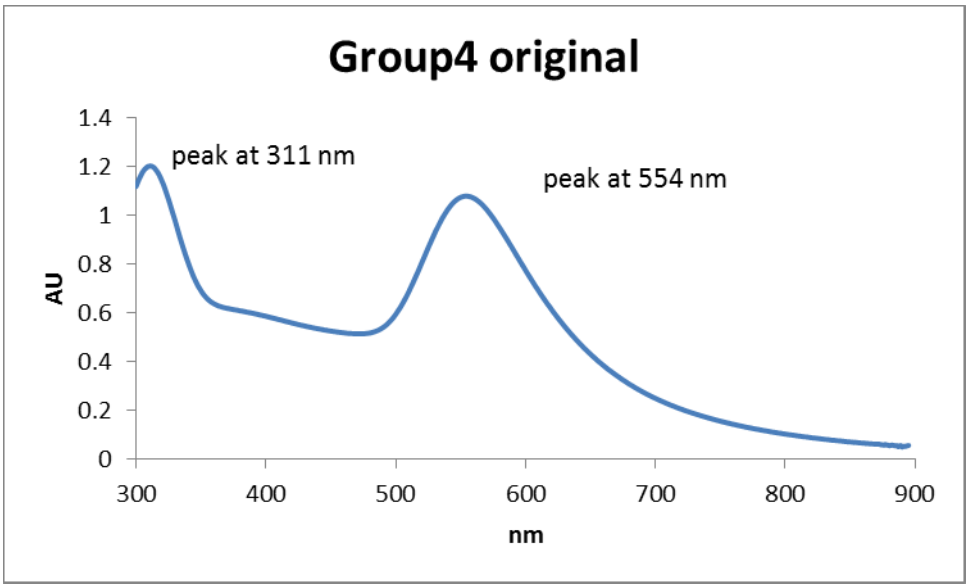

group 2 AFW
"peak" at 563 nm
"peak" at 329 nm
AU
nm
0
-0.005
-0.01
-0.015
-0.02
-0.025
300
400
500
600
700
800
900

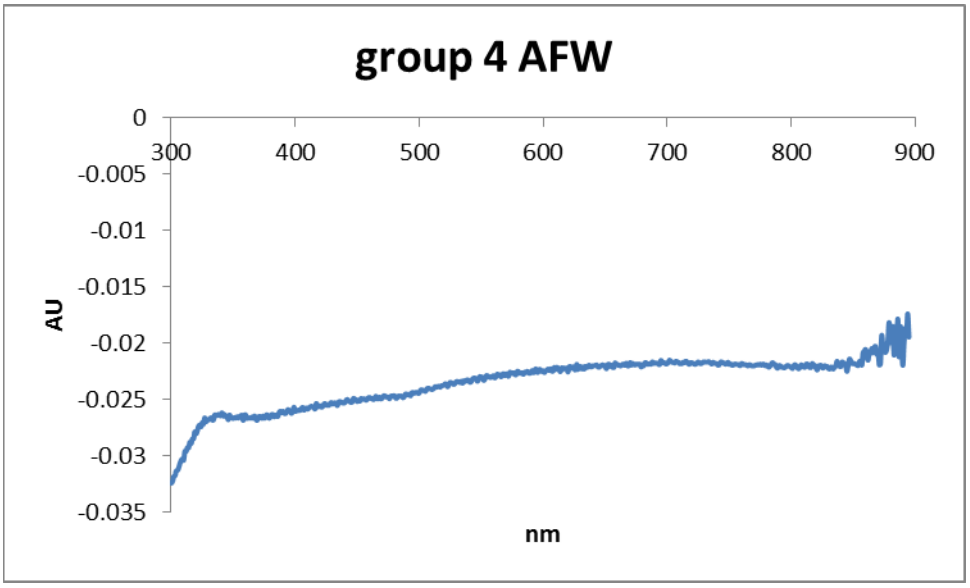

group2 lake
peak at 536 nm
AU
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
300
400
500
600
700
800
900
nm

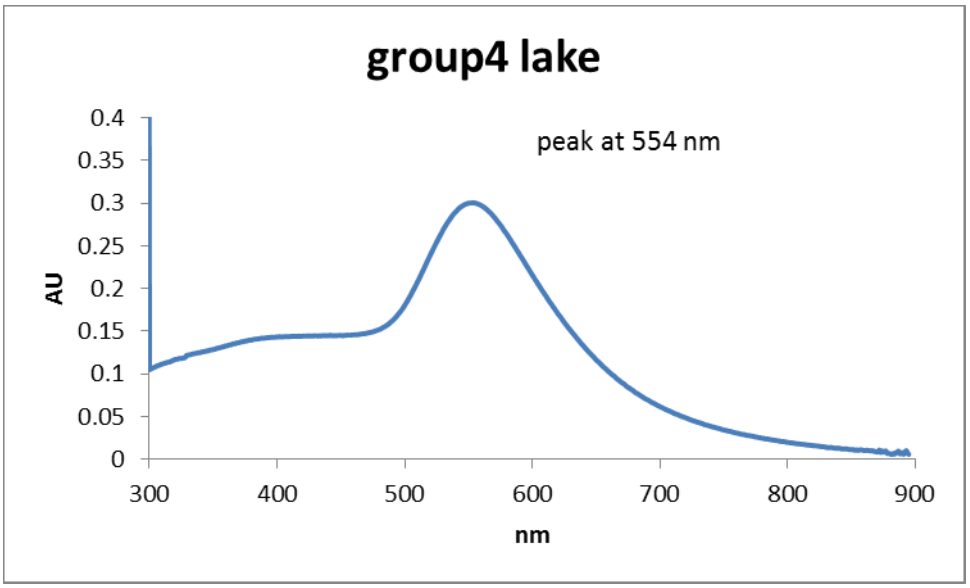

Group3 original
peak at 547 nm
AU
2.5
2
1.5
1
0.5
0
300
400
500
600
700
800
900
nm


group 3 AFW
0.3
0.25
0.2
0.15
0.1
0.05
0
-0.05
AU
"peak" at 352 nm
300
400
500
600
700
800
900
nm


group3 lake
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
-0.05
AU
peak at 548 nm
peak at 354 nm
300
400
500
600
700
800
900
nm


Group4 original
peak at 311 nm
peak at 554 nm
AU
nm
1.4
1.2
1
0.8
0.6
0.4
0.2
0
300
400
500
600
700
800
900


group 4 AFW
AU
nm
0
-0.005
-0.01
-0.015
-0.02
-0.025
-0.03
-0.035
300
400
500
600
700
800
900


group4 lake
peak at 554 nm
AU
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
300
400
500
600
700
800
900
nm