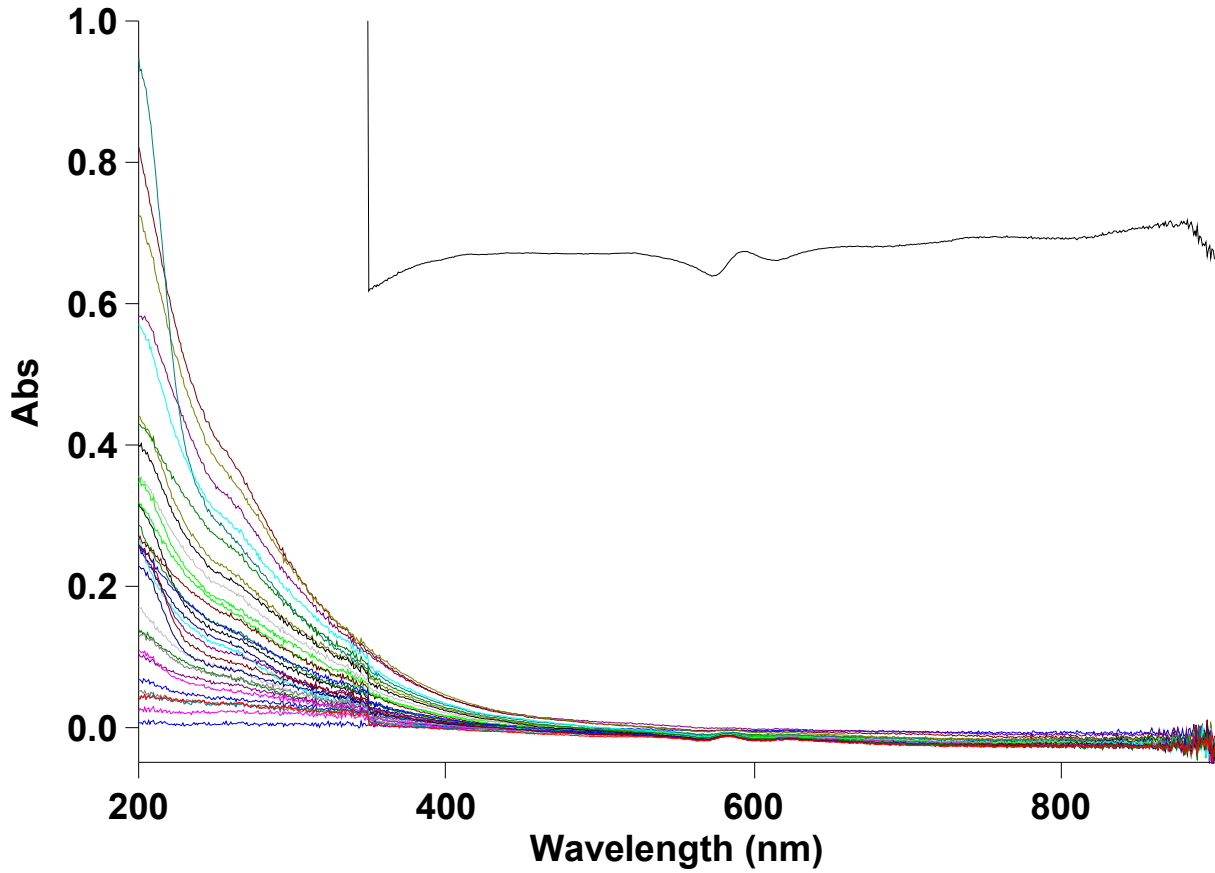


NIVA



Scan Analysis Report

Report Time : Wed 23 Oct 03:07:33 PM 2019
 Method: H:\1000 sjøer UV-spek\UV-scan MED SAMPLER 1000 sjoer.MSW
 Batch: H:\1000 sjøer UV-spek\191023\191023_run.DSW
 Software version: 4.20(468)
 Operator: SIJ

Zero Report

Read	Abs(900.00)
Zero	0.6722

Sample Name: Baseline 100%T

Collection Time 10/23/2019 3:04:01 PM

Peak Table	Peaks
Peak Style	0.0100
Peak Threshold	900.00nm to 200.00nm
Range	

Wavelength (nm)	Abs
898.40	0.678
896.80	0.682
888.80	0.710

882.40	0.718
592.80	0.674
440.00	0.672

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.663	660.00	0.681	420.00	0.670
890.00	0.691	650.00	0.679	410.00	0.669
880.00	0.716	640.00	0.677	400.00	0.664
870.00	0.714	630.00	0.671	390.00	0.660
860.00	0.709	620.00	0.664	380.00	0.653
850.00	0.707	610.00	0.662	370.00	0.644
840.00	0.703	600.00	0.671	360.00	0.632
830.00	0.699	590.00	0.672	350.00	0.619
820.00	0.695	580.00	0.648	340.00	1.299
810.00	0.691	570.00	0.642	330.00	1.300
800.00	0.692	560.00	0.654	320.00	1.313
790.00	0.692	550.00	0.661	310.00	1.324
780.00	0.694	540.00	0.666	300.00	1.330
770.00	0.694	530.00	0.669	290.00	1.342
760.00	0.694	520.00	0.671	280.00	1.360
750.00	0.694	510.00	0.671	270.00	1.374
740.00	0.693	500.00	0.671	260.00	1.387
730.00	0.690	490.00	0.671	250.00	1.409
720.00	0.687	480.00	0.671	240.00	1.426
710.00	0.685	470.00	0.671	230.00	1.443
700.00	0.683	460.00	0.672	220.00	1.459
690.00	0.681	450.00	0.671	210.00	1.474
680.00	0.681	440.00	0.672	200.00	1.504
670.00	0.681	430.00	0.670		

Sample Name: Sample 1 Rack 1 Tube 1

Collection Time 10/23/2019 3:08:27 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.007
895.20	-0.006
891.20	0.003
888.00	0.001
884.00	0.000
873.60	0.000
859.20	0.000

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.022	660.00	-0.004	420.00	0.000
890.00	-0.006	650.00	-0.004	410.00	0.000
880.00	-0.012	640.00	-0.004	400.00	0.000
870.00	-0.006	630.00	-0.004	390.00	0.000
860.00	-0.006	620.00	-0.003	380.00	0.002
850.00	-0.006	610.00	-0.004	370.00	0.002
840.00	-0.007	600.00	-0.004	360.00	0.003
830.00	-0.007	590.00	-0.003	350.00	0.004
820.00	-0.006	580.00	-0.003	340.00	0.004
810.00	-0.005	570.00	-0.004	330.00	0.005
800.00	-0.005	560.00	-0.004	320.00	0.007
790.00	-0.007	550.00	-0.003	310.00	0.005
780.00	-0.007	540.00	-0.002	300.00	0.007
770.00	-0.007	530.00	-0.001	290.00	0.006
760.00	-0.006	520.00	0.000	280.00	0.005
750.00	-0.006	510.00	-0.001	270.00	0.007
740.00	-0.005	500.00	0.000	260.00	0.009
730.00	-0.006	490.00	0.000	250.00	0.005
720.00	-0.004	480.00	0.000	240.00	0.007
710.00	-0.005	470.00	0.000	230.00	0.003
700.00	-0.005	460.00	-0.001	220.00	0.005

690.00	-0.004	450.00	0.000	210.00	0.008
680.00	-0.005	440.00	-0.001	200.00	0.008
670.00	-0.004	430.00	0.000		

Sample Name: Sample 2 Rack 1 Tube 2

Collection Time 10/23/2019 3:11:40 PM

Peak Table
 Peak Style Peaks
 Peak Threshold 0.0100
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
892.00	0.003
889.60	0.004
888.00	0.005
886.40	0.006
881.60	-0.002
876.00	0.001
864.00	-0.001

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.022	660.00	-0.003	420.00	0.031
890.00	0.002	650.00	-0.003	410.00	0.036
880.00	-0.013	640.00	-0.003	400.00	0.043
870.00	-0.014	630.00	-0.002	390.00	0.052
860.00	-0.009	620.00	-0.001	380.00	0.062
850.00	-0.009	610.00	-0.001	370.00	0.073
840.00	-0.012	600.00	-0.002	360.00	0.089
830.00	-0.009	590.00	0.000	350.00	0.106
820.00	-0.010	580.00	0.000	340.00	0.117
810.00	-0.009	570.00	0.000	330.00	0.138
800.00	-0.008	560.00	0.001	320.00	0.162
790.00	-0.009	550.00	0.003	310.00	0.183
780.00	-0.010	540.00	0.003	300.00	0.208
770.00	-0.009	530.00	0.006	290.00	0.233
760.00	-0.008	520.00	0.008	280.00	0.263
750.00	-0.008	510.00	0.007	270.00	0.295
740.00	-0.006	500.00	0.009	260.00	0.326
730.00	-0.007	490.00	0.011	250.00	0.342
720.00	-0.006	480.00	0.012	240.00	0.381
710.00	-0.005	470.00	0.014	230.00	0.433
700.00	-0.005	460.00	0.015	220.00	0.488
690.00	-0.005	450.00	0.019	210.00	0.554
680.00	-0.005	440.00	0.022	200.00	0.582
670.00	-0.004	430.00	0.026		

Sample Name: Sample 3 Rack 1 Tube 3

Collection Time 10/23/2019 3:14:52 PM

Peak Table
 Peak Style Peaks
 Peak Threshold 0.0100
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.005
895.20	0.012
891.20	-0.005
889.60	0.003
886.40	0.005
883.20	-0.007
873.60	-0.006
864.00	-0.008

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
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900.00	-0.011	660.00	-0.006	420.00	0.029
890.00	-0.009	650.00	-0.006	410.00	0.036
880.00	-0.014	640.00	-0.006	400.00	0.043
870.00	-0.014	630.00	-0.005	390.00	0.053
860.00	-0.013	620.00	-0.004	380.00	0.063
850.00	-0.014	610.00	-0.005	370.00	0.075
840.00	-0.013	600.00	-0.005	360.00	0.091
830.00	-0.014	590.00	-0.003	350.00	0.108
820.00	-0.013	580.00	-0.003	340.00	0.125
810.00	-0.012	570.00	-0.004	330.00	0.144
800.00	-0.012	560.00	-0.003	320.00	0.170
790.00	-0.012	550.00	-0.001	310.00	0.194
780.00	-0.012	540.00	0.000	300.00	0.229
770.00	-0.013	530.00	0.002	290.00	0.264
760.00	-0.011	520.00	0.003	280.00	0.304
750.00	-0.011	510.00	0.004	270.00	0.345
740.00	-0.010	500.00	0.006	260.00	0.381
730.00	-0.011	490.00	0.008	250.00	0.410
720.00	-0.010	480.00	0.010	240.00	0.455
710.00	-0.008	470.00	0.012	230.00	0.520
700.00	-0.009	460.00	0.014	220.00	0.609
690.00	-0.007	450.00	0.018	210.00	0.715
680.00	-0.007	440.00	0.020	200.00	0.821
670.00	-0.007	430.00	0.024		

Sample Name: Sample 4 Rack 1 Tube 4

Collection Time 10/23/2019 3:18:04 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.008
895.20	-0.007
892.80	-0.005
889.60	0.004
888.00	-0.003
883.20	-0.009
881.60	-0.012
873.60	-0.009

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.030	660.00	-0.012	420.00	0.005
890.00	-0.007	650.00	-0.011	410.00	0.006
880.00	-0.029	640.00	-0.011	400.00	0.008
870.00	-0.015	630.00	-0.009	390.00	0.011
860.00	-0.013	620.00	-0.009	380.00	0.012
850.00	-0.016	610.00	-0.009	370.00	0.015
840.00	-0.016	600.00	-0.009	360.00	0.018
830.00	-0.015	590.00	-0.007	350.00	0.021
820.00	-0.016	580.00	-0.007	340.00	0.023
810.00	-0.014	570.00	-0.009	330.00	0.028
800.00	-0.015	560.00	-0.008	320.00	0.033
790.00	-0.015	550.00	-0.006	310.00	0.038
780.00	-0.015	540.00	-0.006	300.00	0.047
770.00	-0.017	530.00	-0.004	290.00	0.052
760.00	-0.016	520.00	-0.003	280.00	0.057
750.00	-0.016	510.00	-0.003	270.00	0.067
740.00	-0.015	500.00	-0.003	260.00	0.074
730.00	-0.015	490.00	-0.001	250.00	0.076
720.00	-0.015	480.00	-0.001	240.00	0.086
710.00	-0.014	470.00	-0.001	230.00	0.094
700.00	-0.014	460.00	0.000	220.00	0.109
690.00	-0.013	450.00	0.002	210.00	0.124
680.00	-0.013	440.00	0.002	200.00	0.140
670.00	-0.012	430.00	0.003		

Sample Name: Sample 5 Rack 1 Tube 5

Collection Time 10/23/2019 3:21:16 PM

Peak Table
 Peak Style Peaks
 Peak Threshold 0.0100
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.009
895.20	-0.009
893.60	-0.004
892.00	0.007
888.00	-0.004
883.20	-0.009
872.80	-0.011
864.00	-0.010

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.024	660.00	-0.010	420.00	0.032
890.00	-0.009	650.00	-0.009	410.00	0.039
880.00	-0.021	640.00	-0.009	400.00	0.047
870.00	-0.019	630.00	-0.008	390.00	0.056
860.00	-0.016	620.00	-0.006	380.00	0.067
850.00	-0.018	610.00	-0.007	370.00	0.079
840.00	-0.016	600.00	-0.006	360.00	0.095
830.00	-0.016	590.00	-0.003	350.00	0.111
820.00	-0.017	580.00	-0.003	340.00	0.131
810.00	-0.015	570.00	-0.005	330.00	0.148
800.00	-0.015	560.00	-0.004	320.00	0.169
790.00	-0.016	550.00	-0.002	310.00	0.195
780.00	-0.017	540.00	0.000	300.00	0.225
770.00	-0.015	530.00	0.002	290.00	0.255
760.00	-0.015	520.00	0.004	280.00	0.292
750.00	-0.015	510.00	0.005	270.00	0.324
740.00	-0.014	500.00	0.007	260.00	0.357
730.00	-0.015	490.00	0.009	250.00	0.381
720.00	-0.015	480.00	0.011	240.00	0.426
710.00	-0.014	470.00	0.013	230.00	0.482
700.00	-0.013	460.00	0.015	220.00	0.563
690.00	-0.013	450.00	0.019	210.00	0.657
680.00	-0.012	440.00	0.022	200.00	0.723
670.00	-0.010	430.00	0.027		

Sample Name: Sample 6 Rack 1 Tube 6

Collection Time 10/23/2019 3:24:29 PM

Peak Table
 Peak Style Peaks
 Peak Threshold 0.0100
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	-0.007
895.20	-0.007
893.60	-0.008
889.60	-0.005
886.40	-0.008
873.60	-0.012
868.80	-0.013

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.023	660.00	-0.014	420.00	0.005
890.00	-0.013	650.00	-0.012	410.00	0.007
880.00	-0.031	640.00	-0.013	400.00	0.009
870.00	-0.019	630.00	-0.012	390.00	0.012
860.00	-0.021	620.00	-0.011	380.00	0.016
850.00	-0.019	610.00	-0.012	370.00	0.020

840.00	-0.018	600.00	-0.012	360.00	0.026
830.00	-0.017	590.00	-0.009	350.00	0.030
820.00	-0.019	580.00	-0.008	340.00	0.038
810.00	-0.017	570.00	-0.011	330.00	0.043
800.00	-0.017	560.00	-0.010	320.00	0.051
790.00	-0.018	550.00	-0.009	310.00	0.059
780.00	-0.020	540.00	-0.008	300.00	0.068
770.00	-0.019	530.00	-0.006	290.00	0.081
760.00	-0.018	520.00	-0.006	280.00	0.095
750.00	-0.019	510.00	-0.005	270.00	0.108
740.00	-0.017	500.00	-0.004	260.00	0.123
730.00	-0.018	490.00	-0.002	250.00	0.127
720.00	-0.018	480.00	-0.001	240.00	0.141
710.00	-0.017	470.00	0.000	230.00	0.157
700.00	-0.018	460.00	0.000	220.00	0.185
690.00	-0.016	450.00	0.002	210.00	0.220
680.00	-0.016	440.00	0.001	200.00	0.255
670.00	-0.014	430.00	0.004		

Sample Name: Sample 7 Rack 1 Tube 7

Collection Time 10/23/2019 3:27:41 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	-0.012
895.20	0.002
890.40	-0.004
886.40	-0.008
883.20	-0.012
876.00	-0.009

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.020	660.00	-0.013	420.00	0.022
890.00	-0.007	650.00	-0.012	410.00	0.027
880.00	-0.027	640.00	-0.012	400.00	0.033
870.00	-0.021	630.00	-0.011	390.00	0.040
860.00	-0.019	620.00	-0.010	380.00	0.048
850.00	-0.018	610.00	-0.011	370.00	0.058
840.00	-0.020	600.00	-0.011	360.00	0.069
830.00	-0.019	590.00	-0.007	350.00	0.085
820.00	-0.020	580.00	-0.007	340.00	0.098
810.00	-0.018	570.00	-0.010	330.00	0.112
800.00	-0.018	560.00	-0.008	320.00	0.126
790.00	-0.018	550.00	-0.006	310.00	0.146
780.00	-0.019	540.00	-0.004	300.00	0.168
770.00	-0.017	530.00	-0.003	290.00	0.195
760.00	-0.017	520.00	-0.002	280.00	0.219
750.00	-0.018	510.00	-0.001	270.00	0.247
740.00	-0.016	500.00	0.000	260.00	0.274
730.00	-0.017	490.00	0.003	250.00	0.294
720.00	-0.016	480.00	0.005	240.00	0.331
710.00	-0.015	470.00	0.007	230.00	0.401
700.00	-0.015	460.00	0.008	220.00	0.571
690.00	-0.015	450.00	0.012	210.00	0.806
680.00	-0.014	440.00	0.014	200.00	0.948
670.00	-0.013	430.00	0.018		

Sample Name: Sample 8 Rack 1 Tube 8

Collection Time 10/23/2019 3:30:54 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
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897.60	-0.006
895.20	0.000
890.40	-0.011
883.20	-0.014

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.046	660.00	-0.014	420.00	0.002
890.00	-0.012	650.00	-0.014	410.00	0.005
880.00	-0.025	640.00	-0.013	400.00	0.006
870.00	-0.021	630.00	-0.012	390.00	0.010
860.00	-0.021	620.00	-0.011	380.00	0.013
850.00	-0.021	610.00	-0.013	370.00	0.016
840.00	-0.020	600.00	-0.014	360.00	0.019
830.00	-0.021	590.00	-0.011	350.00	0.025
820.00	-0.020	580.00	-0.009	340.00	0.030
810.00	-0.019	570.00	-0.013	330.00	0.036
800.00	-0.019	560.00	-0.012	320.00	0.043
790.00	-0.019	550.00	-0.010	310.00	0.045
780.00	-0.021	540.00	-0.009	300.00	0.049
770.00	-0.020	530.00	-0.008	290.00	0.061
760.00	-0.019	520.00	-0.007	280.00	0.064
750.00	-0.020	510.00	-0.006	270.00	0.078
740.00	-0.019	500.00	-0.006	260.00	0.085
730.00	-0.019	490.00	-0.004	250.00	0.088
720.00	-0.018	480.00	-0.003	240.00	0.095
710.00	-0.017	470.00	-0.003	230.00	0.105
700.00	-0.018	460.00	-0.002	220.00	0.122
690.00	-0.017	450.00	0.000	210.00	0.146
680.00	-0.016	440.00	0.000	200.00	0.172
670.00	-0.014	430.00	0.001		

Sample Name: Sample 9 Rack 1 Tube 9

Collection Time

10/23/2019 3:34:07 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.012
895.20	0.000
892.00	-0.003
889.60	-0.013
886.40	-0.005
873.60	-0.013

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.028	660.00	-0.015	420.00	0.012
890.00	-0.016	650.00	-0.014	410.00	0.015
880.00	-0.031	640.00	-0.013	400.00	0.018
870.00	-0.026	630.00	-0.012	390.00	0.022
860.00	-0.018	620.00	-0.011	380.00	0.027
850.00	-0.021	610.00	-0.012	370.00	0.033
840.00	-0.022	600.00	-0.012	360.00	0.040
830.00	-0.021	590.00	-0.009	350.00	0.050
820.00	-0.021	580.00	-0.008	340.00	0.062
810.00	-0.019	570.00	-0.012	330.00	0.073
800.00	-0.020	560.00	-0.011	320.00	0.082
790.00	-0.019	550.00	-0.008	310.00	0.091
780.00	-0.020	540.00	-0.007	300.00	0.108
770.00	-0.021	530.00	-0.005	290.00	0.120
760.00	-0.020	520.00	-0.003	280.00	0.134
750.00	-0.021	510.00	-0.003	270.00	0.149
740.00	-0.019	500.00	-0.002	260.00	0.168
730.00	-0.020	490.00	0.000	250.00	0.178
720.00	-0.019	480.00	0.001	240.00	0.198
710.00	-0.018	470.00	0.002	230.00	0.217

700.00	-0.018	460.00	0.003	220.00	0.250
690.00	-0.017	450.00	0.006	210.00	0.285
680.00	-0.016	440.00	0.007	200.00	0.320
670.00	-0.015	430.00	0.010		

Sample Name: Sample 10 Rack 1 Tube 10

Collection Time 10/23/2019 3:37:17 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
895.20	0.000
892.00	-0.013
886.40	-0.013
873.60	-0.018

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.035	660.00	-0.016	420.00	-0.001
890.00	-0.022	650.00	-0.015	410.00	0.000
880.00	-0.028	640.00	-0.014	400.00	0.001
870.00	-0.023	630.00	-0.013	390.00	0.003
860.00	-0.023	620.00	-0.013	380.00	0.004
850.00	-0.023	610.00	-0.014	370.00	0.006
840.00	-0.022	600.00	-0.014	360.00	0.008
830.00	-0.024	590.00	-0.011	350.00	0.011
820.00	-0.025	580.00	-0.010	340.00	0.017
810.00	-0.022	570.00	-0.014	330.00	0.016
800.00	-0.023	560.00	-0.013	320.00	0.019
790.00	-0.023	550.00	-0.011	310.00	0.020
780.00	-0.023	540.00	-0.009	300.00	0.021
770.00	-0.022	530.00	-0.008	290.00	0.023
760.00	-0.021	520.00	-0.008	280.00	0.020
750.00	-0.022	510.00	-0.008	270.00	0.022
740.00	-0.020	500.00	-0.007	260.00	0.025
730.00	-0.021	490.00	-0.006	250.00	0.022
720.00	-0.020	480.00	-0.004	240.00	0.021
710.00	-0.019	470.00	-0.004	230.00	0.021
700.00	-0.019	460.00	-0.004	220.00	0.025
690.00	-0.018	450.00	-0.002	210.00	0.027
680.00	-0.017	440.00	-0.003	200.00	0.024
670.00	-0.016	430.00	-0.002		

Sample Name: Sample 11 Rack 1 Tube 11

Collection Time 10/23/2019 3:40:30 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.020
895.20	-0.009
892.00	-0.009
886.40	-0.013
883.20	-0.013
873.60	-0.017
864.00	-0.015

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.039	660.00	-0.017	420.00	0.003
890.00	-0.022	650.00	-0.017	410.00	0.004

880.00	-0.029	640.00	-0.016	400.00	0.005
870.00	-0.025	630.00	-0.015	390.00	0.008
860.00	-0.024	620.00	-0.013	380.00	0.010
850.00	-0.023	610.00	-0.015	370.00	0.013
840.00	-0.023	600.00	-0.016	360.00	0.018
830.00	-0.023	590.00	-0.012	350.00	0.023
820.00	-0.022	580.00	-0.011	340.00	0.034
810.00	-0.021	570.00	-0.015	330.00	0.037
800.00	-0.022	560.00	-0.014	320.00	0.046
790.00	-0.022	550.00	-0.013	310.00	0.048
780.00	-0.024	540.00	-0.011	300.00	0.062
770.00	-0.024	530.00	-0.010	290.00	0.071
760.00	-0.022	520.00	-0.009	280.00	0.083
750.00	-0.023	510.00	-0.008	270.00	0.099
740.00	-0.021	500.00	-0.007	260.00	0.113
730.00	-0.022	490.00	-0.005	250.00	0.120
720.00	-0.021	480.00	-0.004	240.00	0.132
710.00	-0.021	470.00	-0.003	230.00	0.149
700.00	-0.020	460.00	-0.003	220.00	0.176
690.00	-0.019	450.00	0.000	210.00	0.210
680.00	-0.019	440.00	0.000	200.00	0.270
670.00	-0.018	430.00	0.002		

Sample Name: Sample 12 Rack 1 Tube 12

Collection Time 10/23/2019 3:43:41 PM

Peak Table

Peak Style Peaks
Peak Threshold 0.0100
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.016
896.00	-0.019
893.60	-0.007
889.60	-0.008
886.40	-0.012
883.20	-0.020
872.80	-0.014

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.028	660.00	-0.016	420.00	0.001
890.00	-0.012	650.00	-0.016	410.00	0.002
880.00	-0.025	640.00	-0.016	400.00	0.003
870.00	-0.026	630.00	-0.014	390.00	0.004
860.00	-0.022	620.00	-0.014	380.00	0.005
850.00	-0.024	610.00	-0.016	370.00	0.006
840.00	-0.024	600.00	-0.016	360.00	0.008
830.00	-0.023	590.00	-0.012	350.00	0.011
820.00	-0.022	580.00	-0.011	340.00	0.018
810.00	-0.021	570.00	-0.015	330.00	0.021
800.00	-0.020	560.00	-0.014	320.00	0.021
790.00	-0.020	550.00	-0.012	310.00	0.024
780.00	-0.021	540.00	-0.010	300.00	0.027
770.00	-0.021	530.00	-0.009	290.00	0.028
760.00	-0.022	520.00	-0.009	280.00	0.028
750.00	-0.022	510.00	-0.009	270.00	0.034
740.00	-0.021	500.00	-0.007	260.00	0.036
730.00	-0.022	490.00	-0.006	250.00	0.036
720.00	-0.021	480.00	-0.005	240.00	0.039
710.00	-0.020	470.00	-0.005	230.00	0.037
700.00	-0.021	460.00	-0.004	220.00	0.043
690.00	-0.019	450.00	-0.002	210.00	0.047
680.00	-0.019	440.00	-0.001	200.00	0.054
670.00	-0.018	430.00	0.000		

Sample Name: Sample 13 Rack 1 Tube 13

Collection Time 10/23/2019 3:46:52 PM

Peak Table

Peak Style
Peak Threshold
Range

Peaks
0.0100
900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.015
895.20	0.007
892.00	-0.008
888.00	-0.008
881.60	-0.020
876.80	-0.019

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.030	660.00	-0.017	420.00	0.007
890.00	-0.020	650.00	-0.017	410.00	0.009
880.00	-0.032	640.00	-0.016	400.00	0.011
870.00	-0.025	630.00	-0.015	390.00	0.015
860.00	-0.025	620.00	-0.014	380.00	0.018
850.00	-0.026	610.00	-0.015	370.00	0.023
840.00	-0.022	600.00	-0.015	360.00	0.028
830.00	-0.023	590.00	-0.012	350.00	0.036
820.00	-0.024	580.00	-0.010	340.00	0.051
810.00	-0.020	570.00	-0.015	330.00	0.058
800.00	-0.021	560.00	-0.013	320.00	0.065
790.00	-0.021	550.00	-0.012	310.00	0.072
780.00	-0.024	540.00	-0.010	300.00	0.083
770.00	-0.023	530.00	-0.009	290.00	0.094
760.00	-0.022	520.00	-0.007	280.00	0.106
750.00	-0.024	510.00	-0.007	270.00	0.120
740.00	-0.021	500.00	-0.006	260.00	0.131
730.00	-0.023	490.00	-0.004	250.00	0.137
720.00	-0.021	480.00	-0.002	240.00	0.151
710.00	-0.020	470.00	0.000	230.00	0.173
700.00	-0.021	460.00	0.001	220.00	0.215
690.00	-0.019	450.00	0.003	210.00	0.277
680.00	-0.019	440.00	0.004	200.00	0.317
670.00	-0.018	430.00	0.005		

Sample Name: Sample 14 Rack 1 Tube 14

Collection Time 10/23/2019 3:50:06 PM

Peak Table
Peak Style
Peak Threshold
Range

Peaks
0.0100
900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.017
895.20	-0.007
893.60	-0.015
890.40	-0.012
886.40	-0.014
880.80	-0.019
876.00	-0.016
873.60	-0.017
868.80	-0.016

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.042	660.00	-0.018	420.00	0.000
890.00	-0.014	650.00	-0.018	410.00	0.001
880.00	-0.034	640.00	-0.017	400.00	0.003
870.00	-0.025	630.00	-0.016	390.00	0.005
860.00	-0.022	620.00	-0.015	380.00	0.006
850.00	-0.023	610.00	-0.017	370.00	0.009
840.00	-0.023	600.00	-0.017	360.00	0.012
830.00	-0.022	590.00	-0.013	350.00	0.014
820.00	-0.024	580.00	-0.012	340.00	0.027
810.00	-0.022	570.00	-0.017	330.00	0.025

800.00	-0.022	560.00	-0.015	320.00	0.026
790.00	-0.023	550.00	-0.013	310.00	0.029
780.00	-0.024	540.00	-0.011	300.00	0.033
770.00	-0.024	530.00	-0.010	290.00	0.035
760.00	-0.022	520.00	-0.008	280.00	0.039
750.00	-0.023	510.00	-0.008	270.00	0.039
740.00	-0.022	500.00	-0.007	260.00	0.043
730.00	-0.022	490.00	-0.006	250.00	0.041
720.00	-0.021	480.00	-0.005	240.00	0.046
710.00	-0.021	470.00	-0.004	230.00	0.048
700.00	-0.021	460.00	-0.004	220.00	0.052
690.00	-0.019	450.00	-0.003	210.00	0.063
680.00	-0.019	440.00	-0.002	200.00	0.069
670.00	-0.018	430.00	-0.001		

Sample Name: Sample 15 Rack 1 Tube 15

Collection Time 10/23/2019 3:53:18 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm) Abs

895.20	-0.013
892.00	-0.005
889.60	-0.011
887.20	-0.020
883.20	-0.019
876.00	-0.019

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.022	660.00	-0.017	420.00	0.002
890.00	-0.017	650.00	-0.017	410.00	0.004
880.00	-0.027	640.00	-0.016	400.00	0.005
870.00	-0.025	630.00	-0.015	390.00	0.008
860.00	-0.027	620.00	-0.014	380.00	0.009
850.00	-0.025	610.00	-0.016	370.00	0.013
840.00	-0.025	600.00	-0.016	360.00	0.015
830.00	-0.024	590.00	-0.011	350.00	0.020
820.00	-0.024	580.00	-0.011	340.00	0.032
810.00	-0.023	570.00	-0.016	330.00	0.033
800.00	-0.023	560.00	-0.015	320.00	0.037
790.00	-0.022	550.00	-0.013	310.00	0.039
780.00	-0.024	540.00	-0.011	300.00	0.043
770.00	-0.024	530.00	-0.010	290.00	0.049
760.00	-0.023	520.00	-0.009	280.00	0.051
750.00	-0.023	510.00	-0.009	270.00	0.058
740.00	-0.022	500.00	-0.008	260.00	0.063
730.00	-0.023	490.00	-0.007	250.00	0.063
720.00	-0.022	480.00	-0.006	240.00	0.069
710.00	-0.020	470.00	-0.005	230.00	0.073
700.00	-0.021	460.00	-0.005	220.00	0.082
690.00	-0.019	450.00	-0.002	210.00	0.094
680.00	-0.019	440.00	-0.001	200.00	0.105
670.00	-0.018	430.00	0.000		

Sample Name: Sample 16 Rack 1 Tube 16

Collection Time 10/23/2019 3:56:31 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm) Abs

897.60	-0.017
895.20	0.011
893.60	-0.013

889.60	-0.012
888.00	-0.017
886.40	-0.016
883.20	-0.019
875.20	-0.019

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.038	660.00	-0.018	420.00	0.008
890.00	-0.021	650.00	-0.017	410.00	0.012
880.00	-0.034	640.00	-0.017	400.00	0.015
870.00	-0.023	630.00	-0.015	390.00	0.020
860.00	-0.026	620.00	-0.014	380.00	0.025
850.00	-0.025	610.00	-0.015	370.00	0.031
840.00	-0.023	600.00	-0.016	360.00	0.038
830.00	-0.023	590.00	-0.011	350.00	0.048
820.00	-0.025	580.00	-0.009	340.00	0.065
810.00	-0.022	570.00	-0.015	330.00	0.075
800.00	-0.022	560.00	-0.013	320.00	0.083
790.00	-0.023	550.00	-0.011	310.00	0.091
780.00	-0.024	540.00	-0.010	300.00	0.107
770.00	-0.025	530.00	-0.008	290.00	0.118
760.00	-0.025	520.00	-0.007	280.00	0.129
750.00	-0.025	510.00	-0.007	270.00	0.146
740.00	-0.023	500.00	-0.006	260.00	0.163
730.00	-0.024	490.00	-0.004	250.00	0.168
720.00	-0.023	480.00	-0.002	240.00	0.183
710.00	-0.022	470.00	-0.001	230.00	0.201
700.00	-0.022	460.00	0.000	220.00	0.223
690.00	-0.020	450.00	0.003	210.00	0.249
680.00	-0.020	440.00	0.004	200.00	0.266
670.00	-0.018	430.00	0.006		

Sample Name: Sample 17 Rack 1 Tube 17

Collection Time

10/23/2019 3:59:42 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.013
895.20	-0.007
892.00	-0.014
886.40	-0.017
881.60	-0.022
874.40	-0.018

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.034	660.00	-0.017	420.00	0.006
890.00	-0.020	650.00	-0.017	410.00	0.008
880.00	-0.028	640.00	-0.017	400.00	0.011
870.00	-0.026	630.00	-0.015	390.00	0.015
860.00	-0.024	620.00	-0.014	380.00	0.019
850.00	-0.028	610.00	-0.016	370.00	0.024
840.00	-0.026	600.00	-0.016	360.00	0.030
830.00	-0.024	590.00	-0.012	350.00	0.036
820.00	-0.026	580.00	-0.010	340.00	0.056
810.00	-0.022	570.00	-0.016	330.00	0.060
800.00	-0.022	560.00	-0.014	320.00	0.066
790.00	-0.022	550.00	-0.012	310.00	0.076
780.00	-0.024	540.00	-0.011	300.00	0.091
770.00	-0.023	530.00	-0.009	290.00	0.102
760.00	-0.023	520.00	-0.008	280.00	0.116
750.00	-0.023	510.00	-0.007	270.00	0.130
740.00	-0.021	500.00	-0.005	260.00	0.141
730.00	-0.022	490.00	-0.004	250.00	0.148
720.00	-0.022	480.00	-0.003	240.00	0.164
710.00	-0.021	470.00	-0.002	230.00	0.180

700.00	-0.021	460.00	-0.001	220.00	0.209
690.00	-0.020	450.00	0.001	210.00	0.245
680.00	-0.019	440.00	0.002	200.00	0.288
670.00	-0.018	430.00	0.004		

Sample Name: Sample 18 Rack 1 Tube 18

Collection Time 10/23/2019 4:02:56 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.007
893.60	-0.014
891.20	-0.014
888.00	-0.015
876.00	-0.018

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.031	660.00	-0.017	420.00	0.017
890.00	-0.018	650.00	-0.017	410.00	0.022
880.00	-0.034	640.00	-0.016	400.00	0.027
870.00	-0.024	630.00	-0.015	390.00	0.033
860.00	-0.023	620.00	-0.013	380.00	0.040
850.00	-0.026	610.00	-0.015	370.00	0.048
840.00	-0.027	600.00	-0.014	360.00	0.058
830.00	-0.026	590.00	-0.010	350.00	0.072
820.00	-0.026	580.00	-0.008	340.00	0.092
810.00	-0.023	570.00	-0.014	330.00	0.102
800.00	-0.024	560.00	-0.012	320.00	0.119
790.00	-0.024	550.00	-0.009	310.00	0.131
780.00	-0.026	540.00	-0.008	300.00	0.147
770.00	-0.025	530.00	-0.006	290.00	0.164
760.00	-0.024	520.00	-0.004	280.00	0.184
750.00	-0.025	510.00	-0.004	270.00	0.204
740.00	-0.022	500.00	-0.002	260.00	0.223
730.00	-0.024	490.00	0.000	250.00	0.233
720.00	-0.022	480.00	0.002	240.00	0.255
710.00	-0.021	470.00	0.003	230.00	0.290
700.00	-0.022	460.00	0.005	220.00	0.338
690.00	-0.019	450.00	0.008	210.00	0.404
680.00	-0.019	440.00	0.010	200.00	0.441
670.00	-0.017	430.00	0.014		

Sample Name: Sample 19 Rack 1 Tube 19

Collection Time 10/23/2019 4:06:08 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
895.20	-0.013
893.60	-0.002
889.60	-0.011
886.40	-0.017
876.00	-0.018

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.045	660.00	-0.019	420.00	0.002
890.00	-0.020	650.00	-0.019	410.00	0.004
880.00	-0.030	640.00	-0.018	400.00	0.006

870.00	-0.028	630.00	-0.016	390.00	0.009
860.00	-0.025	620.00	-0.015	380.00	0.012
850.00	-0.027	610.00	-0.017	370.00	0.014
840.00	-0.025	600.00	-0.017	360.00	0.018
830.00	-0.026	590.00	-0.013	350.00	0.026
820.00	-0.026	580.00	-0.012	340.00	0.040
810.00	-0.023	570.00	-0.017	330.00	0.042
800.00	-0.024	560.00	-0.016	320.00	0.049
790.00	-0.024	550.00	-0.013	310.00	0.055
780.00	-0.025	540.00	-0.012	300.00	0.061
770.00	-0.025	530.00	-0.010	290.00	0.066
760.00	-0.024	520.00	-0.009	280.00	0.070
750.00	-0.025	510.00	-0.009	270.00	0.077
740.00	-0.023	500.00	-0.007	260.00	0.086
730.00	-0.024	490.00	-0.006	250.00	0.089
720.00	-0.023	480.00	-0.005	240.00	0.096
710.00	-0.022	470.00	-0.004	230.00	0.108
700.00	-0.022	460.00	-0.004	220.00	0.145
690.00	-0.021	450.00	-0.002	210.00	0.200
680.00	-0.022	440.00	-0.001	200.00	0.229
670.00	-0.020	430.00	0.000		

Sample Name: Sample 20 Rack 1 Tube 20

Collection Time 10/23/2019 4:09:21 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
893.60	-0.010
887.20	-0.012
876.80	-0.019
864.00	-0.020

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.031	660.00	-0.018	420.00	-0.003
890.00	-0.020	650.00	-0.018	410.00	-0.001
880.00	-0.031	640.00	-0.018	400.00	0.000
870.00	-0.028	630.00	-0.016	390.00	0.001
860.00	-0.025	620.00	-0.016	380.00	0.003
850.00	-0.026	610.00	-0.017	370.00	0.004
840.00	-0.025	600.00	-0.017	360.00	0.005
830.00	-0.027	590.00	-0.013	350.00	0.010
820.00	-0.026	580.00	-0.012	340.00	0.023
810.00	-0.023	570.00	-0.017	330.00	0.025
800.00	-0.024	560.00	-0.016	320.00	0.025
790.00	-0.023	550.00	-0.013	310.00	0.028
780.00	-0.024	540.00	-0.012	300.00	0.027
770.00	-0.024	530.00	-0.011	290.00	0.030
760.00	-0.025	520.00	-0.010	280.00	0.031
750.00	-0.025	510.00	-0.010	270.00	0.033
740.00	-0.023	500.00	-0.010	260.00	0.037
730.00	-0.024	490.00	-0.008	250.00	0.033
720.00	-0.022	480.00	-0.008	240.00	0.036
710.00	-0.022	470.00	-0.007	230.00	0.035
700.00	-0.022	460.00	-0.007	220.00	0.041
690.00	-0.021	450.00	-0.005	210.00	0.046
680.00	-0.020	440.00	-0.005	200.00	0.044
670.00	-0.019	430.00	-0.004		

Sample Name: Sample 21 Rack 1 Tube 21

Collection Time 10/23/2019 4:12:32 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.011
896.00	-0.014
892.00	-0.011
889.60	-0.018
888.00	-0.009
886.40	-0.010
875.20	-0.019

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.031	660.00	-0.018	420.00	0.013
890.00	-0.023	650.00	-0.017	410.00	0.017
880.00	-0.027	640.00	-0.016	400.00	0.021
870.00	-0.027	630.00	-0.014	390.00	0.027
860.00	-0.026	620.00	-0.013	380.00	0.032
850.00	-0.028	610.00	-0.014	370.00	0.039
840.00	-0.025	600.00	-0.014	360.00	0.048
830.00	-0.025	590.00	-0.011	350.00	0.058
820.00	-0.026	580.00	-0.009	340.00	0.078
810.00	-0.025	570.00	-0.014	330.00	0.090
800.00	-0.024	560.00	-0.013	320.00	0.104
790.00	-0.024	550.00	-0.011	310.00	0.116
780.00	-0.025	540.00	-0.009	300.00	0.130
770.00	-0.025	530.00	-0.008	290.00	0.144
760.00	-0.024	520.00	-0.006	280.00	0.160
750.00	-0.025	510.00	-0.006	270.00	0.179
740.00	-0.023	500.00	-0.005	260.00	0.196
730.00	-0.025	490.00	-0.003	250.00	0.205
720.00	-0.023	480.00	-0.002	240.00	0.225
710.00	-0.022	470.00	0.000	230.00	0.249
700.00	-0.023	460.00	0.001	220.00	0.284
690.00	-0.021	450.00	0.004	210.00	0.326
680.00	-0.020	440.00	0.007	200.00	0.356
670.00	-0.018	430.00	0.010		

Sample Name: Sample 22 Rack 1 Tube 22

Collection Time 10/23/2019 4:15:44 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.009
892.80	-0.005
889.60	-0.014
888.00	-0.015
883.20	-0.024
881.60	-0.023
876.80	-0.019

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.032	660.00	-0.018	420.00	0.010
890.00	-0.014	650.00	-0.018	410.00	0.014
880.00	-0.033	640.00	-0.017	400.00	0.018
870.00	-0.028	630.00	-0.016	390.00	0.023
860.00	-0.023	620.00	-0.015	380.00	0.028
850.00	-0.026	610.00	-0.016	370.00	0.034
840.00	-0.025	600.00	-0.016	360.00	0.041
830.00	-0.024	590.00	-0.012	350.00	0.051
820.00	-0.023	580.00	-0.010	340.00	0.071
810.00	-0.022	570.00	-0.016	330.00	0.081
800.00	-0.022	560.00	-0.015	320.00	0.093
790.00	-0.022	550.00	-0.012	310.00	0.106
780.00	-0.023	540.00	-0.010	300.00	0.120
770.00	-0.024	530.00	-0.009	290.00	0.131
760.00	-0.024	520.00	-0.007	280.00	0.146

750.00	-0.024	510.00	-0.007	270.00	0.160
740.00	-0.023	500.00	-0.006	260.00	0.176
730.00	-0.024	490.00	-0.004	250.00	0.184
720.00	-0.023	480.00	-0.003	240.00	0.205
710.00	-0.023	470.00	-0.002	230.00	0.228
700.00	-0.023	460.00	0.000	220.00	0.266
690.00	-0.020	450.00	0.002	210.00	0.320
680.00	-0.020	440.00	0.004	200.00	0.346
670.00	-0.019	430.00	0.007		

Sample Name: Sample 23 Rack 1 Tube 23

Collection Time 10/23/2019 4:18:57 PM

Peak Table
Peak Style Peaks
Peak Threshold 0.0100
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.018
895.20	-0.005
892.00	-0.007
889.60	-0.012
884.00	-0.021
876.00	-0.018

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.022	660.00	-0.016	420.00	0.001
890.00	-0.018	650.00	-0.017	410.00	0.002
880.00	-0.032	640.00	-0.017	400.00	0.004
870.00	-0.026	630.00	-0.015	390.00	0.005
860.00	-0.025	620.00	-0.014	380.00	0.007
850.00	-0.026	610.00	-0.017	370.00	0.008
840.00	-0.024	600.00	-0.017	360.00	0.010
830.00	-0.026	590.00	-0.013	350.00	0.014
820.00	-0.023	580.00	-0.011	340.00	0.031
810.00	-0.021	570.00	-0.016	330.00	0.029
800.00	-0.023	560.00	-0.016	320.00	0.033
790.00	-0.023	550.00	-0.014	310.00	0.034
780.00	-0.024	540.00	-0.012	300.00	0.041
770.00	-0.024	530.00	-0.011	290.00	0.043
760.00	-0.023	520.00	-0.010	280.00	0.047
750.00	-0.024	510.00	-0.010	270.00	0.050
740.00	-0.022	500.00	-0.009	260.00	0.055
730.00	-0.023	490.00	-0.007	250.00	0.054
720.00	-0.022	480.00	-0.006	240.00	0.061
710.00	-0.020	470.00	-0.005	230.00	0.066
700.00	-0.021	460.00	-0.004	220.00	0.076
690.00	-0.019	450.00	-0.002	210.00	0.097
680.00	-0.018	440.00	-0.001	200.00	0.111
670.00	-0.017	430.00	0.000		

Sample Name: Sample 24 Rack 1 Tube 24

Collection Time 10/23/2019 4:22:07 PM

Peak Table
Peak Style Peaks
Peak Threshold 0.0100
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.000
895.20	-0.015
892.00	0.003
889.60	-0.013
888.00	-0.014
884.00	-0.020
881.60	-0.020
873.60	-0.020

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.033	660.00	-0.017	420.00	0.022
890.00	-0.015	650.00	-0.017	410.00	0.029
880.00	-0.025	640.00	-0.016	400.00	0.035
870.00	-0.023	630.00	-0.014	390.00	0.043
860.00	-0.023	620.00	-0.012	380.00	0.051
850.00	-0.025	610.00	-0.014	370.00	0.061
840.00	-0.027	600.00	-0.014	360.00	0.074
830.00	-0.024	590.00	-0.010	350.00	0.089
820.00	-0.024	580.00	-0.007	340.00	0.113
810.00	-0.022	570.00	-0.012	330.00	0.129
800.00	-0.024	560.00	-0.010	320.00	0.146
790.00	-0.024	550.00	-0.008	310.00	0.167
780.00	-0.025	540.00	-0.006	300.00	0.187
770.00	-0.024	530.00	-0.003	290.00	0.214
760.00	-0.024	520.00	-0.001	280.00	0.235
750.00	-0.024	510.00	-0.001	270.00	0.266
740.00	-0.023	500.00	0.001	260.00	0.291
730.00	-0.024	490.00	0.003	250.00	0.308
720.00	-0.022	480.00	0.006	240.00	0.338
710.00	-0.021	470.00	0.008	230.00	0.382
700.00	-0.021	460.00	0.010	220.00	0.444
690.00	-0.020	450.00	0.014	210.00	0.520
680.00	-0.019	440.00	0.015	200.00	0.571
670.00	-0.018	430.00	0.018		

Sample Name: Sample 25 Rack 1 Tube 25

Collection Time 10/23/2019 4:25:19 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
895.20	-0.004
890.40	-0.014
888.00	-0.012
883.20	-0.017
872.80	-0.021
868.80	-0.021
864.00	-0.020

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.015	660.00	-0.018	420.00	0.000
890.00	-0.014	650.00	-0.018	410.00	0.002
880.00	-0.026	640.00	-0.017	400.00	0.004
870.00	-0.030	630.00	-0.016	390.00	0.005
860.00	-0.029	620.00	-0.016	380.00	0.008
850.00	-0.025	610.00	-0.017	370.00	0.010
840.00	-0.026	600.00	-0.017	360.00	0.012
830.00	-0.025	590.00	-0.013	350.00	0.017
820.00	-0.025	580.00	-0.012	340.00	0.034
810.00	-0.023	570.00	-0.017	330.00	0.037
800.00	-0.023	560.00	-0.016	320.00	0.042
790.00	-0.023	550.00	-0.014	310.00	0.047
780.00	-0.025	540.00	-0.013	300.00	0.051
770.00	-0.023	530.00	-0.011	290.00	0.056
760.00	-0.024	520.00	-0.011	280.00	0.058
750.00	-0.024	510.00	-0.011	270.00	0.066
740.00	-0.023	500.00	-0.010	260.00	0.076
730.00	-0.023	490.00	-0.009	250.00	0.075
720.00	-0.021	480.00	-0.007	240.00	0.082
710.00	-0.021	470.00	-0.006	230.00	0.086
700.00	-0.021	460.00	-0.005	220.00	0.102
690.00	-0.020	450.00	-0.003	210.00	0.124
680.00	-0.020	440.00	-0.003	200.00	0.129
670.00	-0.019	430.00	-0.001		

Sample Name: Sample 26 Rack 1 Tube 26

Collection Time 10/23/2019 4:28:31 PM

Peak Table
 Peak Style Peaks
 Peak Threshold 0.0100
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.025
897.60	-0.023
894.40	-0.008
886.40	-0.012
883.20	-0.021
881.60	-0.021
879.20	-0.020

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.044	660.00	-0.019	420.00	0.015
890.00	-0.020	650.00	-0.018	410.00	0.020
880.00	-0.032	640.00	-0.017	400.00	0.024
870.00	-0.026	630.00	-0.016	390.00	0.031
860.00	-0.025	620.00	-0.015	380.00	0.038
850.00	-0.025	610.00	-0.017	370.00	0.044
840.00	-0.027	600.00	-0.017	360.00	0.054
830.00	-0.024	590.00	-0.013	350.00	0.065
820.00	-0.026	580.00	-0.011	340.00	0.084
810.00	-0.023	570.00	-0.016	330.00	0.098
800.00	-0.025	560.00	-0.014	320.00	0.114
790.00	-0.024	550.00	-0.012	310.00	0.127
780.00	-0.025	540.00	-0.010	300.00	0.141
770.00	-0.025	530.00	-0.008	290.00	0.160
760.00	-0.025	520.00	-0.006	280.00	0.174
750.00	-0.025	510.00	-0.006	270.00	0.194
740.00	-0.023	500.00	-0.004	260.00	0.212
730.00	-0.024	490.00	-0.003	250.00	0.220
720.00	-0.023	480.00	-0.001	240.00	0.244
710.00	-0.023	470.00	0.000	230.00	0.274
700.00	-0.023	460.00	0.002	220.00	0.314
690.00	-0.022	450.00	0.006	210.00	0.368
680.00	-0.022	440.00	0.009	200.00	0.400
670.00	-0.020	430.00	0.012		

Sample Name: Sample 27 Rack 1 Tube 27

Collection Time 10/23/2019 4:31:45 PM

Peak Table
 Peak Style Peaks
 Peak Threshold 0.0100
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
895.20	0.003
888.00	-0.010
883.20	-0.018
880.80	-0.016
873.60	-0.017

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.053	660.00	-0.018	420.00	0.007
890.00	-0.015	650.00	-0.017	410.00	0.009
880.00	-0.028	640.00	-0.017	400.00	0.013
870.00	-0.027	630.00	-0.015	390.00	0.017
860.00	-0.029	620.00	-0.015	380.00	0.020

850.00	-0.027	610.00	-0.017	370.00	0.025
840.00	-0.028	600.00	-0.018	360.00	0.031
830.00	-0.024	590.00	-0.013	350.00	0.037
820.00	-0.028	580.00	-0.011	340.00	0.057
810.00	-0.024	570.00	-0.016	330.00	0.064
800.00	-0.026	560.00	-0.015	320.00	0.072
790.00	-0.025	550.00	-0.012	310.00	0.083
780.00	-0.027	540.00	-0.011	300.00	0.092
770.00	-0.026	530.00	-0.009	290.00	0.103
760.00	-0.025	520.00	-0.008	280.00	0.111
750.00	-0.026	510.00	-0.007	270.00	0.126
740.00	-0.024	500.00	-0.006	260.00	0.141
730.00	-0.024	490.00	-0.005	250.00	0.147
720.00	-0.023	480.00	-0.003	240.00	0.163
710.00	-0.021	470.00	-0.002	230.00	0.179
700.00	-0.021	460.00	-0.001	220.00	0.202
690.00	-0.020	450.00	0.001	210.00	0.233
680.00	-0.020	440.00	0.002	200.00	0.258
670.00	-0.018	430.00	0.005		

Sample Name: Sample 28 Rack 1 Tube 28

Collection Time 10/23/2019 4:34:57 PM

Peak Table
Peak Style Peaks
Peak Threshold 0.0100
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.003
895.20	-0.008
892.80	-0.011
888.00	-0.003
876.80	-0.019

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.021	660.00	-0.020	420.00	0.003
890.00	-0.012	650.00	-0.019	410.00	0.006
880.00	-0.038	640.00	-0.018	400.00	0.008
870.00	-0.028	630.00	-0.017	390.00	0.012
860.00	-0.025	620.00	-0.016	380.00	0.015
850.00	-0.026	610.00	-0.017	370.00	0.018
840.00	-0.025	600.00	-0.017	360.00	0.023
830.00	-0.023	590.00	-0.013	350.00	0.027
820.00	-0.023	580.00	-0.011	340.00	0.044
810.00	-0.022	570.00	-0.017	330.00	0.052
800.00	-0.024	560.00	-0.016	320.00	0.057
790.00	-0.024	550.00	-0.013	310.00	0.063
780.00	-0.026	540.00	-0.012	300.00	0.070
770.00	-0.024	530.00	-0.010	290.00	0.078
760.00	-0.024	520.00	-0.009	280.00	0.089
750.00	-0.025	510.00	-0.009	270.00	0.098
740.00	-0.024	500.00	-0.008	260.00	0.108
730.00	-0.025	490.00	-0.007	250.00	0.111
720.00	-0.024	480.00	-0.006	240.00	0.125
710.00	-0.023	470.00	-0.005	230.00	0.138
700.00	-0.024	460.00	-0.004	220.00	0.174
690.00	-0.022	450.00	-0.001	210.00	0.222
680.00	-0.022	440.00	-0.001	200.00	0.260
670.00	-0.020	430.00	0.002		

Sample Name: Sample 29 Rack 1 Tube 29

Collection Time 10/23/2019 4:38:09 PM

Peak Table
Peak Style Peaks
Peak Threshold 0.0100
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
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895.20	0.000
891.20	-0.015
889.60	-0.015
888.00	-0.018
876.00	-0.018

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.027	660.00	-0.019	420.00	0.003
890.00	-0.021	650.00	-0.018	410.00	0.005
880.00	-0.034	640.00	-0.017	400.00	0.007
870.00	-0.024	630.00	-0.016	390.00	0.011
860.00	-0.025	620.00	-0.015	380.00	0.013
850.00	-0.025	610.00	-0.017	370.00	0.017
840.00	-0.025	600.00	-0.017	360.00	0.020
830.00	-0.024	590.00	-0.013	350.00	0.029
820.00	-0.026	580.00	-0.012	340.00	0.046
810.00	-0.024	570.00	-0.016	330.00	0.049
800.00	-0.023	560.00	-0.016	320.00	0.053
790.00	-0.022	550.00	-0.013	310.00	0.062
780.00	-0.023	540.00	-0.013	300.00	0.070
770.00	-0.023	530.00	-0.010	290.00	0.074
760.00	-0.024	520.00	-0.009	280.00	0.080
750.00	-0.023	510.00	-0.009	270.00	0.088
740.00	-0.022	500.00	-0.009	260.00	0.096
730.00	-0.023	490.00	-0.008	250.00	0.099
720.00	-0.022	480.00	-0.007	240.00	0.109
710.00	-0.022	470.00	-0.005	230.00	0.123
700.00	-0.022	460.00	-0.005	220.00	0.168
690.00	-0.021	450.00	-0.001	210.00	0.227
680.00	-0.020	440.00	-0.001	200.00	0.259
670.00	-0.019	430.00	0.002		

Sample Name: Sample 30 Rack 1 Tube 30

Collection Time 10/23/2019 4:41:23 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
895.20	-0.010
893.60	-0.007
889.60	-0.010
886.40	-0.011
883.20	-0.014
873.60	-0.017

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.041	660.00	-0.017	420.00	0.019
890.00	-0.016	650.00	-0.017	410.00	0.024
880.00	-0.031	640.00	-0.015	400.00	0.029
870.00	-0.028	630.00	-0.014	390.00	0.036
860.00	-0.025	620.00	-0.012	380.00	0.043
850.00	-0.027	610.00	-0.015	370.00	0.053
840.00	-0.026	600.00	-0.015	360.00	0.064
830.00	-0.025	590.00	-0.010	350.00	0.078
820.00	-0.026	580.00	-0.008	340.00	0.104
810.00	-0.025	570.00	-0.013	330.00	0.116
800.00	-0.025	560.00	-0.012	320.00	0.134
790.00	-0.025	550.00	-0.009	310.00	0.147
780.00	-0.026	540.00	-0.008	300.00	0.167
770.00	-0.026	530.00	-0.006	290.00	0.190
760.00	-0.025	520.00	-0.004	280.00	0.210
750.00	-0.026	510.00	-0.004	270.00	0.236
740.00	-0.024	500.00	-0.002	260.00	0.258
730.00	-0.024	490.00	0.000	250.00	0.273
720.00	-0.022	480.00	0.002	240.00	0.296

710.00	-0.023	470.00	0.004	230.00	0.327
700.00	-0.023	460.00	0.006	220.00	0.364
690.00	-0.021	450.00	0.009	210.00	0.404
680.00	-0.021	440.00	0.012	200.00	0.429
670.00	-0.018	430.00	0.015		

Sample Name: Sample 31 Rack 1 Tube 31

Collection Time 10/23/2019 4:44:36 PM

Peak Table

Peak Style	Peaks
Peak Threshold	0.0100
Range	900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.010
895.20	-0.013
890.40	-0.012
886.40	-0.011
883.20	-0.021
879.20	-0.021

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.025	660.00	-0.020	420.00	-0.004
890.00	-0.015	650.00	-0.019	410.00	-0.002
880.00	-0.033	640.00	-0.018	400.00	-0.001
870.00	-0.028	630.00	-0.017	390.00	0.000
860.00	-0.027	620.00	-0.016	380.00	0.001
850.00	-0.028	610.00	-0.018	370.00	0.001
840.00	-0.027	600.00	-0.018	360.00	0.004
830.00	-0.024	590.00	-0.014	350.00	0.006
820.00	-0.027	580.00	-0.012	340.00	0.018
810.00	-0.023	570.00	-0.018	330.00	0.022
800.00	-0.025	560.00	-0.017	320.00	0.023
790.00	-0.025	550.00	-0.015	310.00	0.024
780.00	-0.027	540.00	-0.014	300.00	0.028
770.00	-0.026	530.00	-0.012	290.00	0.032
760.00	-0.026	520.00	-0.012	280.00	0.028
750.00	-0.027	510.00	-0.012	270.00	0.033
740.00	-0.024	500.00	-0.012	260.00	0.035
730.00	-0.026	490.00	-0.011	250.00	0.035
720.00	-0.024	480.00	-0.010	240.00	0.038
710.00	-0.025	470.00	-0.009	230.00	0.038
700.00	-0.024	460.00	-0.008	220.00	0.042
690.00	-0.024	450.00	-0.006	210.00	0.045
680.00	-0.023	440.00	-0.006	200.00	0.043
670.00	-0.021	430.00	-0.004		