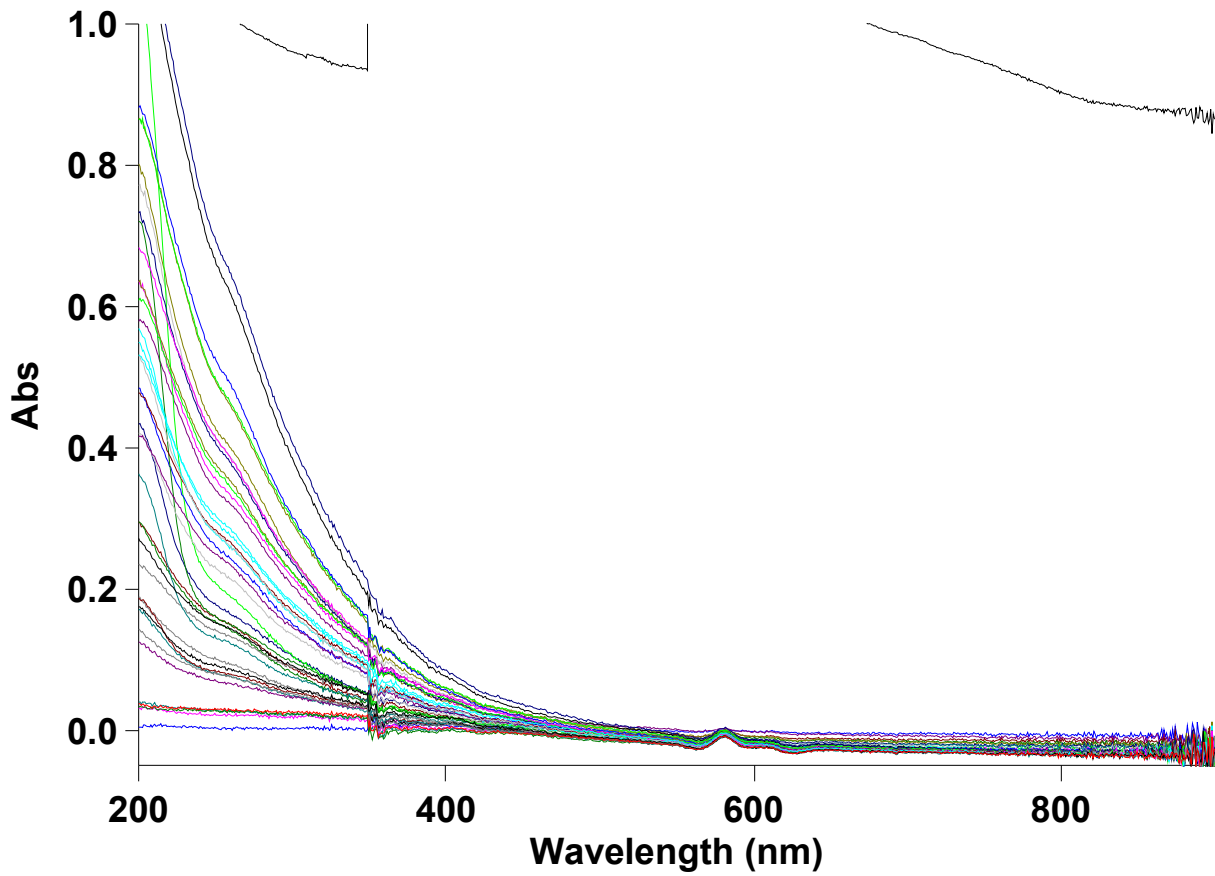


NIVA



Scan Analysis Report

Report Time : Tue 05 Nov 01:41:36 PM 2019
 Method: H:\1000 sjører UV-spek\UV-scan MED SAMPLER 1000 sjoer.MSW
 Batch: H:\1000 sjører UV-spek\191105\191105_run.DSW
 Software version: 4.20(468)
 Operator: JKK

Zero Report

Read	Abs(900.00)
Zero	0.8695

Sample Name: Baseline 100%T

Collection Time 11/5/2019 1:38:20 PM

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

Wavelength (nm)	Abs
897.60	0.879
895.20	0.874
890.40	0.882

888.00	0.882
876.80	0.881
592.00	1.118
368.80	1.367
349.60	1.381

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.865	660.00	1.011	420.00	1.311
890.00	0.874	650.00	1.014	410.00	1.321
880.00	0.880	640.00	1.022	400.00	1.319
870.00	0.879	630.00	1.047	390.00	1.335
860.00	0.878	620.00	1.088	380.00	1.351
850.00	0.880	610.00	1.104	370.00	1.364
840.00	0.885	600.00	1.109	360.00	1.353
830.00	0.886	590.00	1.116	350.00	1.377
820.00	0.888	580.00	1.053	340.00	0.940
810.00	0.896	570.00	1.021	330.00	0.942
800.00	0.904	560.00	1.062	320.00	0.952
790.00	0.911	550.00	1.100	310.00	0.957
780.00	0.919	540.00	1.134	300.00	0.961
770.00	0.929	530.00	1.161	290.00	0.970
760.00	0.937	520.00	1.180	280.00	0.983
750.00	0.945	510.00	1.189	270.00	0.994
740.00	0.953	500.00	1.197	260.00	1.006
730.00	0.959	490.00	1.209	250.00	1.022
720.00	0.967	480.00	1.222	240.00	1.037
710.00	0.976	470.00	1.236	230.00	1.050
700.00	0.983	460.00	1.248	220.00	1.069
690.00	0.988	450.00	1.261	210.00	1.084
680.00	0.996	440.00	1.275	200.00	1.113
670.00	1.004	430.00	1.289		

Sample Name: Sample 1 Rack 1 Tube 1

Collection Time

11/5/2019 1:42:34 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	0.000
896.80	-0.003
893.60	0.002
888.80	0.013
885.60	0.011
882.40	0.008
874.40	0.007
872.80	0.003
867.20	0.002
865.60	0.003
350.40	0.021

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.016	660.00	-0.003	420.00	0.006
890.00	-0.005	650.00	-0.002	410.00	0.007
880.00	-0.014	640.00	-0.002	400.00	0.008
870.00	-0.012	630.00	-0.003	390.00	0.008
860.00	-0.006	620.00	-0.001	380.00	0.009
850.00	-0.006	610.00	-0.001	370.00	0.006
840.00	-0.007	600.00	-0.001	360.00	0.007
830.00	-0.004	590.00	0.000	350.00	0.017
820.00	-0.004	580.00	0.001	340.00	0.002
810.00	-0.006	570.00	-0.001	330.00	0.004
800.00	-0.007	560.00	-0.002	320.00	0.001
790.00	-0.005	550.00	0.001	310.00	0.004
780.00	-0.004	540.00	0.000	300.00	0.004
770.00	-0.005	530.00	0.001	290.00	0.004
760.00	-0.003	520.00	0.003	280.00	0.003

750.00	-0.004	510.00	0.002	270.00	0.005
740.00	-0.005	500.00	0.001	260.00	0.004
730.00	-0.003	490.00	0.001	250.00	0.005
720.00	-0.004	480.00	0.001	240.00	0.007
710.00	-0.004	470.00	0.004	230.00	0.007
700.00	-0.004	460.00	0.004	220.00	0.007
690.00	-0.004	450.00	0.005	210.00	0.009
680.00	-0.003	440.00	0.005	200.00	0.006
670.00	-0.003	430.00	0.006		

Sample Name: Sample 2 Rack 1 Tube 2

Collection Time 11/5/2019 1:45:47 PM

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

Wavelength (nm)	Abs
898.40	-0.005
894.40	0.003
889.60	-0.007
886.40	0.001
882.40	-0.008
877.60	-0.006
867.20	-0.004
862.40	-0.004

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.012	660.00	-0.007	420.00	0.034
890.00	-0.015	650.00	-0.004	410.00	0.041
880.00	-0.012	640.00	-0.005	400.00	0.048
870.00	-0.012	630.00	-0.004	390.00	0.056
860.00	-0.010	620.00	-0.004	380.00	0.065
850.00	-0.010	610.00	-0.001	370.00	0.077
840.00	-0.014	600.00	-0.001	360.00	0.090
830.00	-0.009	590.00	0.000	350.00	0.112
820.00	-0.009	580.00	0.004	340.00	0.120
810.00	-0.011	570.00	0.000	330.00	0.138
800.00	-0.011	560.00	0.000	320.00	0.158
790.00	-0.010	550.00	0.003	310.00	0.181
780.00	-0.010	540.00	0.003	300.00	0.205
770.00	-0.009	530.00	0.006	290.00	0.234
760.00	-0.007	520.00	0.006	280.00	0.261
750.00	-0.009	510.00	0.007	270.00	0.295
740.00	-0.009	500.00	0.009	260.00	0.320
730.00	-0.008	490.00	0.010	250.00	0.341
720.00	-0.007	480.00	0.013	240.00	0.378
710.00	-0.007	470.00	0.015	230.00	0.430
700.00	-0.007	460.00	0.019	220.00	0.484
690.00	-0.006	450.00	0.020	210.00	0.548
680.00	-0.006	440.00	0.024	200.00	0.580
670.00	-0.006	430.00	0.030		

Sample Name: Sample 3 Rack 1 Tube 3

Collection Time 11/5/2019 1:49:00 PM

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

Wavelength (nm)	Abs
898.40	0.004
896.80	0.007
892.80	-0.006
885.60	-0.001
883.20	-0.006
877.60	-0.008

874.40	0.001
867.20	-0.009
353.60	0.055
351.20	0.057
349.60	0.057

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.038	660.00	-0.010	420.00	0.013
890.00	-0.024	650.00	-0.011	410.00	0.018
880.00	-0.017	640.00	-0.010	400.00	0.022
870.00	-0.022	630.00	-0.010	390.00	0.025
860.00	-0.015	620.00	-0.009	380.00	0.030
850.00	-0.014	610.00	-0.007	370.00	0.034
840.00	-0.013	600.00	-0.007	360.00	0.034
830.00	-0.014	590.00	-0.004	350.00	0.051
820.00	-0.014	580.00	-0.002	340.00	0.051
810.00	-0.015	570.00	-0.007	330.00	0.059
800.00	-0.015	560.00	-0.008	320.00	0.066
790.00	-0.013	550.00	-0.005	310.00	0.078
780.00	-0.011	540.00	-0.004	300.00	0.089
770.00	-0.013	530.00	-0.002	290.00	0.101
760.00	-0.011	520.00	-0.002	280.00	0.117
750.00	-0.012	510.00	-0.001	270.00	0.137
740.00	-0.013	500.00	-0.001	260.00	0.151
730.00	-0.011	490.00	0.001	250.00	0.163
720.00	-0.012	480.00	0.002	240.00	0.178
710.00	-0.013	470.00	0.004	230.00	0.202
700.00	-0.013	460.00	0.007	220.00	0.230
690.00	-0.011	450.00	0.008	210.00	0.267
680.00	-0.012	440.00	0.009	200.00	0.296
670.00	-0.011	430.00	0.011		

Sample Name: Sample 4 Rack 1 Tube 4

Collection Time

11/5/2019 1:52:13 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.004
896.80	-0.011
894.40	-0.011
892.80	-0.004
889.60	-0.013
885.60	-0.005
884.00	-0.014
881.60	-0.015
350.40	0.054

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.006	660.00	-0.013	420.00	0.013
890.00	-0.023	650.00	-0.013	410.00	0.017
880.00	-0.035	640.00	-0.014	400.00	0.019
870.00	-0.020	630.00	-0.014	390.00	0.022
860.00	-0.017	620.00	-0.013	380.00	0.027
850.00	-0.018	610.00	-0.010	370.00	0.029
840.00	-0.018	600.00	-0.010	360.00	0.030
830.00	-0.016	590.00	-0.008	350.00	0.045
820.00	-0.015	580.00	-0.002	340.00	0.046
810.00	-0.018	570.00	-0.009	330.00	0.054
800.00	-0.017	560.00	-0.011	320.00	0.058
790.00	-0.015	550.00	-0.008	310.00	0.072
780.00	-0.016	540.00	-0.007	300.00	0.082
770.00	-0.017	530.00	-0.006	290.00	0.095
760.00	-0.015	520.00	-0.005	280.00	0.112
750.00	-0.015	510.00	-0.004	270.00	0.131
740.00	-0.016	500.00	-0.001	260.00	0.142

730.00	-0.015	490.00	-0.002	250.00	0.155
720.00	-0.014	480.00	0.001	240.00	0.171
710.00	-0.014	470.00	0.003	230.00	0.194
700.00	-0.016	460.00	0.005	220.00	0.223
690.00	-0.014	450.00	0.007	210.00	0.263
680.00	-0.014	440.00	0.009	200.00	0.296
670.00	-0.014	430.00	0.012		

Sample Name: Sample 5 Rack 1 Tube 5

Collection Time 11/5/2019 1:55:25 PM

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

Wavelength (nm)	Abs
898.40	0.014
896.00	0.004
892.80	0.001
888.80	-0.009
887.20	-0.006
881.60	-0.002
874.40	-0.016
868.80	-0.014
580.80	0.002
349.60	0.133

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.008	660.00	-0.013	420.00	0.038
890.00	-0.028	650.00	-0.012	410.00	0.048
880.00	-0.024	640.00	-0.012	400.00	0.055
870.00	-0.019	630.00	-0.013	390.00	0.064
860.00	-0.019	620.00	-0.012	380.00	0.078
850.00	-0.018	610.00	-0.009	370.00	0.089
840.00	-0.022	600.00	-0.007	360.00	0.102
830.00	-0.017	590.00	-0.004	350.00	0.128
820.00	-0.019	580.00	0.001	340.00	0.139
810.00	-0.018	570.00	-0.005	330.00	0.162
800.00	-0.021	560.00	-0.006	320.00	0.184
790.00	-0.017	550.00	-0.003	310.00	0.217
780.00	-0.017	540.00	-0.002	300.00	0.247
770.00	-0.016	530.00	0.001	290.00	0.286
760.00	-0.016	520.00	0.003	280.00	0.325
750.00	-0.017	510.00	0.005	270.00	0.367
740.00	-0.017	500.00	0.007	260.00	0.400
730.00	-0.017	490.00	0.008	250.00	0.428
720.00	-0.017	480.00	0.012	240.00	0.476
710.00	-0.016	470.00	0.016	230.00	0.538
700.00	-0.016	460.00	0.020	220.00	0.619
690.00	-0.016	450.00	0.024	210.00	0.722
680.00	-0.015	440.00	0.029	200.00	0.802
670.00	-0.014	430.00	0.035		

Sample Name: Sample 6 Rack 1 Tube 6

Collection Time 11/5/2019 1:58:36 PM

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

Wavelength (nm)	Abs
898.40	-0.006
896.00	-0.020
892.80	0.004
889.60	-0.023
886.40	0.003
883.20	-0.008

874.40	-0.016
864.00	-0.016
581.60	-0.001
350.40	0.067

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.038	660.00	-0.016	420.00	0.018
890.00	-0.028	650.00	-0.016	410.00	0.022
880.00	-0.028	640.00	-0.015	400.00	0.026
870.00	-0.022	630.00	-0.016	390.00	0.030
860.00	-0.023	620.00	-0.015	380.00	0.035
850.00	-0.022	610.00	-0.013	370.00	0.039
840.00	-0.022	600.00	-0.012	360.00	0.043
830.00	-0.021	590.00	-0.008	350.00	0.060
820.00	-0.018	580.00	-0.002	340.00	0.061
810.00	-0.021	570.00	-0.011	330.00	0.072
800.00	-0.023	560.00	-0.012	320.00	0.080
790.00	-0.019	550.00	-0.008	310.00	0.094
780.00	-0.019	540.00	-0.008	300.00	0.105
770.00	-0.019	530.00	-0.005	290.00	0.120
760.00	-0.019	520.00	-0.002	280.00	0.136
750.00	-0.020	510.00	-0.003	270.00	0.152
740.00	-0.019	500.00	-0.002	260.00	0.165
730.00	-0.018	490.00	0.000	250.00	0.180
720.00	-0.018	480.00	0.002	240.00	0.200
710.00	-0.018	470.00	0.005	230.00	0.234
700.00	-0.018	460.00	0.007	220.00	0.293
690.00	-0.018	450.00	0.011	210.00	0.382
680.00	-0.017	440.00	0.012	200.00	0.434
670.00	-0.017	430.00	0.015		

Sample Name: Sample 7 Rack 1 Tube 7

Collection Time 11/5/2019 2:01:48 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.00	-0.005
886.40	-0.014
883.20	-0.017
877.60	-0.016
872.80	-0.016
867.20	-0.017
581.60	-0.003
350.40	0.042

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.018	660.00	-0.017	420.00	0.008
890.00	-0.026	650.00	-0.017	410.00	0.014
880.00	-0.025	640.00	-0.018	400.00	0.016
870.00	-0.023	630.00	-0.019	390.00	0.016
860.00	-0.020	620.00	-0.018	380.00	0.020
850.00	-0.023	610.00	-0.015	370.00	0.020
840.00	-0.021	600.00	-0.014	360.00	0.020
830.00	-0.022	590.00	-0.011	350.00	0.035
820.00	-0.022	580.00	-0.003	340.00	0.031
810.00	-0.023	570.00	-0.014	330.00	0.035
800.00	-0.022	560.00	-0.015	320.00	0.038
790.00	-0.021	550.00	-0.011	310.00	0.046
780.00	-0.022	540.00	-0.011	300.00	0.050
770.00	-0.020	530.00	-0.009	290.00	0.056
760.00	-0.021	520.00	-0.006	280.00	0.062
750.00	-0.020	510.00	-0.005	270.00	0.071
740.00	-0.021	500.00	-0.003	260.00	0.078
730.00	-0.019	490.00	-0.003	250.00	0.083
720.00	-0.019	480.00	-0.001	240.00	0.091

710.00	-0.019	470.00	0.002	230.00	0.102
700.00	-0.019	460.00	0.003	220.00	0.121
690.00	-0.018	450.00	0.005	210.00	0.150
680.00	-0.019	440.00	0.008	200.00	0.171
670.00	-0.019	430.00	0.008		

Sample Name: Sample 8 Rack 1 Tube 8

Collection Time 11/5/2019 2:05:01 PM

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

Wavelength (nm)	Abs
898.40	-0.001
896.00	0.002
889.60	-0.012
886.40	-0.005
881.60	-0.019
872.80	-0.017
867.20	-0.018
862.40	-0.018
581.60	-0.001

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.057	660.00	-0.019	420.00	0.033
890.00	-0.023	650.00	-0.017	410.00	0.043
880.00	-0.028	640.00	-0.018	400.00	0.051
870.00	-0.028	630.00	-0.020	390.00	0.059
860.00	-0.027	620.00	-0.019	380.00	0.072
850.00	-0.022	610.00	-0.014	370.00	0.083
840.00	-0.026	600.00	-0.014	360.00	0.092
830.00	-0.025	590.00	-0.009	350.00	0.120
820.00	-0.025	580.00	-0.002	340.00	0.140
810.00	-0.025	570.00	-0.011	330.00	0.163
800.00	-0.024	560.00	-0.013	320.00	0.184
790.00	-0.024	550.00	-0.007	310.00	0.214
780.00	-0.022	540.00	-0.006	300.00	0.241
770.00	-0.024	530.00	-0.002	290.00	0.272
760.00	-0.024	520.00	-0.001	280.00	0.310
750.00	-0.023	510.00	0.000	270.00	0.351
740.00	-0.023	500.00	0.003	260.00	0.386
730.00	-0.022	490.00	0.005	250.00	0.416
720.00	-0.022	480.00	0.008	240.00	0.455
710.00	-0.021	470.00	0.011	230.00	0.516
700.00	-0.022	460.00	0.015	220.00	0.601
690.00	-0.020	450.00	0.019	210.00	0.706
680.00	-0.019	440.00	0.022	200.00	0.772
670.00	-0.018	430.00	0.028		

Sample Name: Sample 9 Rack 1 Tube 9

Collection Time 11/5/2019 2:08:14 PM

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

Wavelength (nm)	Abs
899.20	-0.018
893.60	-0.008
888.80	-0.021
886.40	-0.011
877.60	-0.015
872.80	-0.020
581.60	-0.005

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.037	660.00	-0.021	420.00	0.011
890.00	-0.035	650.00	-0.020	410.00	0.017
880.00	-0.022	640.00	-0.021	400.00	0.021
870.00	-0.024	630.00	-0.023	390.00	0.021
860.00	-0.024	620.00	-0.022	380.00	0.024
850.00	-0.028	610.00	-0.018	370.00	0.029
840.00	-0.026	600.00	-0.017	360.00	0.029
830.00	-0.027	590.00	-0.013	350.00	0.047
820.00	-0.021	580.00	-0.005	340.00	0.061
810.00	-0.026	570.00	-0.016	330.00	0.068
800.00	-0.027	560.00	-0.018	320.00	0.076
790.00	-0.026	550.00	-0.014	310.00	0.092
780.00	-0.021	540.00	-0.014	300.00	0.107
770.00	-0.025	530.00	-0.011	290.00	0.126
760.00	-0.024	520.00	-0.009	280.00	0.146
750.00	-0.024	510.00	-0.008	270.00	0.172
740.00	-0.024	500.00	-0.006	260.00	0.189
730.00	-0.023	490.00	-0.004	250.00	0.210
720.00	-0.024	480.00	-0.001	240.00	0.240
710.00	-0.023	470.00	0.001	230.00	0.320
700.00	-0.025	460.00	0.005	220.00	0.536
690.00	-0.022	450.00	0.006	210.00	0.866
680.00	-0.023	440.00	0.008	200.00	1.141
670.00	-0.022	430.00	0.010		

Sample Name: Sample 10 Rack 1 Tube 10

Collection Time 11/5/2019 2:11:27 PM

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

Wavelength (nm)	Abs
898.40	-0.015
896.00	-0.018
893.60	-0.003
888.80	-0.014
886.40	-0.016
875.20	-0.022
867.20	-0.020
580.80	-0.006
366.40	0.010

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.052	660.00	-0.022	420.00	0.002
890.00	-0.028	650.00	-0.021	410.00	0.004
880.00	-0.040	640.00	-0.022	400.00	0.004
870.00	-0.030	630.00	-0.024	390.00	0.005
860.00	-0.026	620.00	-0.022	380.00	0.007
850.00	-0.025	610.00	-0.019	370.00	0.006
840.00	-0.027	600.00	-0.018	360.00	0.001
830.00	-0.026	590.00	-0.014	350.00	0.009
820.00	-0.025	580.00	-0.007	340.00	0.015
810.00	-0.027	570.00	-0.018	330.00	0.018
800.00	-0.026	560.00	-0.020	320.00	0.019
790.00	-0.025	550.00	-0.016	310.00	0.022
780.00	-0.024	540.00	-0.016	300.00	0.021
770.00	-0.025	530.00	-0.013	290.00	0.020
760.00	-0.023	520.00	-0.011	280.00	0.022
750.00	-0.024	510.00	-0.010	270.00	0.023
740.00	-0.025	500.00	-0.010	260.00	0.023
730.00	-0.025	490.00	-0.009	250.00	0.024
720.00	-0.024	480.00	-0.007	240.00	0.027
710.00	-0.025	470.00	-0.006	230.00	0.026
700.00	-0.024	460.00	-0.003	220.00	0.027
690.00	-0.023	450.00	-0.001	210.00	0.032
680.00	-0.023	440.00	-0.001	200.00	0.032
670.00	-0.022	430.00	0.000		

Sample Name: Sample 11 Rack 1 Tube 11

Collection Time 11/5/2019 2:14:39 PM

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

Wavelength (nm)	Abs
898.40	0.008
893.60	-0.019
889.60	-0.013
886.40	-0.016
883.20	-0.023
877.60	-0.020
874.40	-0.023
867.20	-0.023
862.40	-0.021
581.60	-0.001

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.013	660.00	-0.021	420.00	0.026
890.00	-0.023	650.00	-0.019	410.00	0.032
880.00	-0.034	640.00	-0.020	400.00	0.038
870.00	-0.027	630.00	-0.021	390.00	0.043
860.00	-0.026	620.00	-0.020	380.00	0.053
850.00	-0.027	610.00	-0.015	370.00	0.061
840.00	-0.029	600.00	-0.014	360.00	0.070
830.00	-0.026	590.00	-0.011	350.00	0.093
820.00	-0.027	580.00	-0.002	340.00	0.109
810.00	-0.027	570.00	-0.013	330.00	0.123
800.00	-0.028	560.00	-0.014	320.00	0.138
790.00	-0.027	550.00	-0.010	310.00	0.159
780.00	-0.025	540.00	-0.008	300.00	0.178
770.00	-0.025	530.00	-0.006	290.00	0.201
760.00	-0.025	520.00	-0.003	280.00	0.226
750.00	-0.025	510.00	-0.002	270.00	0.253
740.00	-0.025	500.00	-0.001	260.00	0.275
730.00	-0.023	490.00	0.001	250.00	0.297
720.00	-0.023	480.00	0.005	240.00	0.327
710.00	-0.023	470.00	0.007	230.00	0.371
700.00	-0.023	460.00	0.012	220.00	0.427
690.00	-0.022	450.00	0.015	210.00	0.496
680.00	-0.021	440.00	0.019	200.00	0.550
670.00	-0.021	430.00	0.022		

Sample Name: Sample 12 Rack 1 Tube 12

Collection Time 11/5/2019 2:17:52 PM

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

Wavelength (nm)	Abs
898.40	-0.017
893.60	-0.009
888.80	-0.023
886.40	-0.012
877.60	-0.023
874.40	-0.020
868.80	-0.025
581.60	-0.006

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
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900.00	-0.007	660.00	-0.025	420.00	0.005
890.00	-0.042	650.00	-0.023	410.00	0.011
880.00	-0.033	640.00	-0.024	400.00	0.012
870.00	-0.030	630.00	-0.025	390.00	0.013
860.00	-0.030	620.00	-0.026	380.00	0.014
850.00	-0.026	610.00	-0.021	370.00	0.019
840.00	-0.033	600.00	-0.020	360.00	0.012
830.00	-0.028	590.00	-0.015	350.00	0.030
820.00	-0.025	580.00	-0.007	340.00	0.039
810.00	-0.029	570.00	-0.019	330.00	0.044
800.00	-0.030	560.00	-0.021	320.00	0.046
790.00	-0.027	550.00	-0.016	310.00	0.056
780.00	-0.026	540.00	-0.015	300.00	0.061
770.00	-0.027	530.00	-0.012	290.00	0.069
760.00	-0.026	520.00	-0.010	280.00	0.078
750.00	-0.026	510.00	-0.010	270.00	0.087
740.00	-0.027	500.00	-0.009	260.00	0.095
730.00	-0.026	490.00	-0.008	250.00	0.103
720.00	-0.026	480.00	-0.006	240.00	0.111
710.00	-0.025	470.00	-0.005	230.00	0.125
700.00	-0.027	460.00	0.000	220.00	0.143
690.00	-0.025	450.00	0.001	210.00	0.167
680.00	-0.025	440.00	0.002	200.00	0.190
670.00	-0.025	430.00	0.004		

Sample Name: Sample 13 Rack 1 Tube 13

Collection Time 11/5/2019 2:21:05 PM

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

Wavelength (nm)	Abs
896.00	-0.007
888.80	-0.014
886.40	-0.011
880.80	-0.023
877.60	-0.016
873.60	-0.023
865.60	-0.023
580.80	0.001
350.40	0.190

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.028	660.00	-0.020	420.00	0.051
890.00	-0.025	650.00	-0.019	410.00	0.066
880.00	-0.037	640.00	-0.019	400.00	0.077
870.00	-0.031	630.00	-0.022	390.00	0.090
860.00	-0.027	620.00	-0.020	380.00	0.111
850.00	-0.028	610.00	-0.015	370.00	0.129
840.00	-0.029	600.00	-0.014	360.00	0.148
830.00	-0.028	590.00	-0.009	350.00	0.184
820.00	-0.024	580.00	0.000	340.00	0.222
810.00	-0.027	570.00	-0.011	330.00	0.257
800.00	-0.029	560.00	-0.010	320.00	0.296
790.00	-0.026	550.00	-0.006	310.00	0.339
780.00	-0.026	540.00	-0.003	300.00	0.386
770.00	-0.026	530.00	0.001	290.00	0.436
760.00	-0.026	520.00	0.004	280.00	0.494
750.00	-0.026	510.00	0.006	270.00	0.559
740.00	-0.026	500.00	0.009	260.00	0.618
730.00	-0.024	490.00	0.011	250.00	0.664
720.00	-0.025	480.00	0.016	240.00	0.736
710.00	-0.024	470.00	0.020	230.00	0.828
700.00	-0.023	460.00	0.025	220.00	0.934
690.00	-0.022	450.00	0.031	210.00	1.065
680.00	-0.021	440.00	0.036	200.00	1.148
670.00	-0.022	430.00	0.044		

Sample Name: Sample 14 Rack 1 Tube 14

Collection Time 11/5/2019 2:24:16 PM

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

Wavelength (nm)	Abs
898.40	-0.023
896.00	-0.008
894.40	-0.015
891.20	-0.027
889.60	-0.021
886.40	-0.006
882.40	-0.021
877.60	-0.018
872.80	-0.022
865.60	-0.023
581.60	-0.003

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.043	660.00	-0.023	420.00	0.021
890.00	-0.030	650.00	-0.021	410.00	0.028
880.00	-0.030	640.00	-0.021	400.00	0.031
870.00	-0.031	630.00	-0.023	390.00	0.035
860.00	-0.029	620.00	-0.023	380.00	0.046
850.00	-0.028	610.00	-0.018	370.00	0.052
840.00	-0.029	600.00	-0.017	360.00	0.054
830.00	-0.028	590.00	-0.013	350.00	0.070
820.00	-0.025	580.00	-0.004	340.00	0.092
810.00	-0.026	570.00	-0.016	330.00	0.104
800.00	-0.026	560.00	-0.016	320.00	0.118
790.00	-0.026	550.00	-0.013	310.00	0.134
780.00	-0.026	540.00	-0.010	300.00	0.152
770.00	-0.025	530.00	-0.008	290.00	0.174
760.00	-0.027	520.00	-0.005	280.00	0.199
750.00	-0.025	510.00	-0.004	270.00	0.222
740.00	-0.025	500.00	-0.001	260.00	0.244
730.00	-0.025	490.00	0.001	250.00	0.261
720.00	-0.025	480.00	0.002	240.00	0.291
710.00	-0.025	470.00	0.006	230.00	0.328
700.00	-0.026	460.00	0.010	220.00	0.375
690.00	-0.024	450.00	0.012	210.00	0.435
680.00	-0.024	440.00	0.014	200.00	0.485
670.00	-0.023	430.00	0.017		

Sample Name: Sample 15 Rack 1 Tube 15

Collection Time 11/5/2019 2:27:28 PM

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

Wavelength (nm)	Abs
898.40	-0.031
896.00	-0.020
892.80	-0.016
886.40	-0.004
882.40	-0.020
874.40	-0.024
582.40	-0.006
364.00	0.017

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
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900.00	-0.046	660.00	-0.024	420.00	0.004
890.00	-0.043	650.00	-0.023	410.00	0.009
880.00	-0.033	640.00	-0.024	400.00	0.010
870.00	-0.031	630.00	-0.025	390.00	0.009
860.00	-0.030	620.00	-0.024	380.00	0.014
850.00	-0.028	610.00	-0.020	370.00	0.013
840.00	-0.029	600.00	-0.019	360.00	0.013
830.00	-0.029	590.00	-0.015	350.00	0.023
820.00	-0.029	580.00	-0.006	340.00	0.033
810.00	-0.030	570.00	-0.018	330.00	0.037
800.00	-0.032	560.00	-0.021	320.00	0.039
790.00	-0.029	550.00	-0.016	310.00	0.043
780.00	-0.029	540.00	-0.014	300.00	0.046
770.00	-0.028	530.00	-0.013	290.00	0.052
760.00	-0.028	520.00	-0.011	280.00	0.056
750.00	-0.028	510.00	-0.009	270.00	0.062
740.00	-0.028	500.00	-0.009	260.00	0.068
730.00	-0.027	490.00	-0.008	250.00	0.072
720.00	-0.027	480.00	-0.006	240.00	0.078
710.00	-0.026	470.00	-0.003	230.00	0.085
700.00	-0.027	460.00	-0.004	220.00	0.095
690.00	-0.025	450.00	0.000	210.00	0.112
680.00	-0.027	440.00	0.000	200.00	0.126
670.00	-0.025	430.00	0.003		

Sample Name: Sample 16 Rack 1 Tube 16

Collection Time 11/5/2019 2:30:41 PM

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

Wavelength (nm)	Abs
898.40	-0.017
895.20	-0.017
893.60	-0.017
888.80	-0.014
886.40	-0.007
882.40	-0.021
877.60	-0.022
874.40	-0.022
581.60	-0.005

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.057	660.00	-0.025	420.00	0.005
890.00	-0.028	650.00	-0.024	410.00	0.009
880.00	-0.037	640.00	-0.024	400.00	0.011
870.00	-0.032	630.00	-0.026	390.00	0.011
860.00	-0.028	620.00	-0.026	380.00	0.013
850.00	-0.030	610.00	-0.021	370.00	0.015
840.00	-0.028	600.00	-0.019	360.00	0.012
830.00	-0.030	590.00	-0.016	350.00	0.020
820.00	-0.029	580.00	-0.006	340.00	0.035
810.00	-0.029	570.00	-0.019	330.00	0.040
800.00	-0.031	560.00	-0.020	320.00	0.043
790.00	-0.027	550.00	-0.016	310.00	0.051
780.00	-0.027	540.00	-0.015	300.00	0.055
770.00	-0.028	530.00	-0.013	290.00	0.060
760.00	-0.027	520.00	-0.013	280.00	0.067
750.00	-0.027	510.00	-0.011	270.00	0.075
740.00	-0.027	500.00	-0.010	260.00	0.081
730.00	-0.026	490.00	-0.008	250.00	0.085
720.00	-0.027	480.00	-0.006	240.00	0.093
710.00	-0.027	470.00	-0.005	230.00	0.104
700.00	-0.027	460.00	-0.002	220.00	0.127
690.00	-0.026	450.00	-0.001	210.00	0.165
680.00	-0.025	440.00	0.001	200.00	0.189
670.00	-0.026	430.00	0.003		

Sample Name: Sample 17 Rack 1 Tube 17

Collection Time

11/5/2019 2:33:54 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.008
895.20	-0.034
892.80	-0.025
887.20	-0.022
881.60	-0.017
877.60	-0.027
872.80	-0.022
581.60	-0.005
350.40	0.048

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.038	660.00	-0.024	420.00	0.009
890.00	-0.043	650.00	-0.024	410.00	0.016
880.00	-0.040	640.00	-0.025	400.00	0.019
870.00	-0.031	630.00	-0.027	390.00	0.020
860.00	-0.034	620.00	-0.026	380.00	0.024
850.00	-0.028	610.00	-0.021	370.00	0.029
840.00	-0.031	600.00	-0.020	360.00	0.028
830.00	-0.029	590.00	-0.017	350.00	0.042
820.00	-0.029	580.00	-0.006	340.00	0.059
810.00	-0.028	570.00	-0.019	330.00	0.069
800.00	-0.031	560.00	-0.021	320.00	0.076
790.00	-0.029	550.00	-0.016	310.00	0.088
780.00	-0.027	540.00	-0.016	300.00	0.098
770.00	-0.028	530.00	-0.012	290.00	0.109
760.00	-0.027	520.00	-0.011	280.00	0.124
750.00	-0.028	510.00	-0.009	270.00	0.139
740.00	-0.028	500.00	-0.007	260.00	0.150
730.00	-0.028	490.00	-0.006	250.00	0.162
720.00	-0.028	480.00	-0.004	240.00	0.182
710.00	-0.027	470.00	-0.002	230.00	0.236
700.00	-0.027	460.00	0.000	220.00	0.380
690.00	-0.027	450.00	0.004	210.00	0.609
680.00	-0.026	440.00	0.004	200.00	0.721
670.00	-0.026	430.00	0.007		

Sample Name: Sample 18 Rack 1 Tube 18

Collection Time

11/5/2019 2:37:06 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.018
896.00	-0.008
893.60	-0.002
891.20	-0.026
889.60	-0.022
886.40	-0.022
881.60	-0.014
879.20	-0.024
581.60	0.000

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.034	660.00	-0.022	420.00	0.040
890.00	-0.032	650.00	-0.021	410.00	0.051
880.00	-0.036	640.00	-0.021	400.00	0.061

870.00	-0.031	630.00	-0.023	390.00	0.071
860.00	-0.027	620.00	-0.022	380.00	0.084
850.00	-0.029	610.00	-0.016	370.00	0.100
840.00	-0.028	600.00	-0.016	360.00	0.113
830.00	-0.028	590.00	-0.011	350.00	0.138
820.00	-0.027	580.00	-0.001	340.00	0.174
810.00	-0.029	570.00	-0.013	330.00	0.202
800.00	-0.030	560.00	-0.014	320.00	0.228
790.00	-0.027	550.00	-0.009	310.00	0.261
780.00	-0.028	540.00	-0.008	300.00	0.295
770.00	-0.028	530.00	-0.004	290.00	0.332
760.00	-0.027	520.00	-0.001	280.00	0.372
750.00	-0.026	510.00	0.001	270.00	0.419
740.00	-0.026	500.00	0.003	260.00	0.459
730.00	-0.025	490.00	0.006	250.00	0.495
720.00	-0.025	480.00	0.010	240.00	0.550
710.00	-0.025	470.00	0.015	230.00	0.624
700.00	-0.025	460.00	0.019	220.00	0.707
690.00	-0.024	450.00	0.024	210.00	0.805
680.00	-0.023	440.00	0.028	200.00	0.867
670.00	-0.023	430.00	0.034		

Sample Name: Sample 19 Rack 1 Tube 19

Collection Time 11/5/2019 2:40:17 PM

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

Wavelength (nm)	Abs
898.40	-0.005
896.00	-0.016
892.80	-0.002
891.20	-0.027
888.80	-0.019
886.40	-0.013
882.40	-0.015
877.60	-0.019
874.40	-0.015
872.80	-0.023
859.20	-0.025
581.60	0.006

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.031	660.00	-0.020	420.00	0.059
890.00	-0.033	650.00	-0.018	410.00	0.073
880.00	-0.038	640.00	-0.019	400.00	0.087
870.00	-0.032	630.00	-0.020	390.00	0.099
860.00	-0.029	620.00	-0.019	380.00	0.120
850.00	-0.031	610.00	-0.013	370.00	0.141
840.00	-0.035	600.00	-0.012	360.00	0.161
830.00	-0.028	590.00	-0.007	350.00	0.200
820.00	-0.029	580.00	0.003	340.00	0.239
810.00	-0.030	570.00	-0.008	330.00	0.276
800.00	-0.029	560.00	-0.009	320.00	0.314
790.00	-0.027	550.00	-0.003	310.00	0.361
780.00	-0.026	540.00	-0.001	300.00	0.407
770.00	-0.027	530.00	0.003	290.00	0.459
760.00	-0.026	520.00	0.006	280.00	0.522
750.00	-0.026	510.00	0.009	270.00	0.589
740.00	-0.026	500.00	0.012	260.00	0.648
730.00	-0.025	490.00	0.015	250.00	0.695
720.00	-0.025	480.00	0.021	240.00	0.765
710.00	-0.024	470.00	0.026	230.00	0.864
700.00	-0.024	460.00	0.031	220.00	0.974
690.00	-0.023	450.00	0.038	210.00	1.093
680.00	-0.022	440.00	0.043	200.00	1.159
670.00	-0.021	430.00	0.050		

Sample Name: Sample 20 Rack 1 Tube 20

Collection Time 11/5/2019 2:43:30 PM

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

Wavelength (nm)	Abs
898.40	-0.010
896.00	-0.026
893.60	-0.025
889.60	-0.024
886.40	-0.022
883.20	-0.020
874.40	-0.021
872.80	-0.024
581.60	-0.008
365.60	0.005
350.40	0.011

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.022	660.00	-0.026	420.00	-0.001
890.00	-0.033	650.00	-0.026	410.00	0.003
880.00	-0.026	640.00	-0.026	400.00	0.003
870.00	-0.034	630.00	-0.028	390.00	0.002
860.00	-0.034	620.00	-0.027	380.00	0.002
850.00	-0.030	610.00	-0.022	370.00	0.002
840.00	-0.030	600.00	-0.023	360.00	-0.005
830.00	-0.031	590.00	-0.018	350.00	0.005
820.00	-0.030	580.00	-0.009	340.00	0.018
810.00	-0.031	570.00	-0.021	330.00	0.021
800.00	-0.031	560.00	-0.023	320.00	0.019
790.00	-0.028	550.00	-0.019	310.00	0.024
780.00	-0.028	540.00	-0.018	300.00	0.023
770.00	-0.029	530.00	-0.015	290.00	0.024
760.00	-0.028	520.00	-0.013	280.00	0.024
750.00	-0.028	510.00	-0.013	270.00	0.028
740.00	-0.028	500.00	-0.011	260.00	0.030
730.00	-0.028	490.00	-0.010	250.00	0.030
720.00	-0.029	480.00	-0.009	240.00	0.032
710.00	-0.028	470.00	-0.006	230.00	0.033
700.00	-0.029	460.00	-0.004	220.00	0.033
690.00	-0.028	450.00	-0.002	210.00	0.039
680.00	-0.026	440.00	-0.002	200.00	0.041
670.00	-0.026	430.00	0.000		

Sample Name: Sample 21 Rack 1 Tube 21

Collection Time 11/5/2019 2:46:44 PM

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

Wavelength (nm)	Abs
896.00	-0.029
892.80	-0.025
886.40	-0.018
884.00	-0.020
877.60	-0.024
874.40	-0.025
581.60	-0.006
364.00	0.049

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.024	660.00	-0.027	420.00	0.014
890.00	-0.036	650.00	-0.024	410.00	0.021

880.00	-0.042	640.00	-0.025	400.00	0.023
870.00	-0.031	630.00	-0.027	390.00	0.026
860.00	-0.035	620.00	-0.027	380.00	0.034
850.00	-0.031	610.00	-0.021	370.00	0.040
840.00	-0.032	600.00	-0.021	360.00	0.043
830.00	-0.030	590.00	-0.017	350.00	0.067
820.00	-0.030	580.00	-0.008	340.00	0.083
810.00	-0.031	570.00	-0.020	330.00	0.095
800.00	-0.032	560.00	-0.022	320.00	0.105
790.00	-0.029	550.00	-0.017	310.00	0.123
780.00	-0.028	540.00	-0.016	300.00	0.138
770.00	-0.029	530.00	-0.012	290.00	0.152
760.00	-0.027	520.00	-0.011	280.00	0.174
750.00	-0.029	510.00	-0.009	270.00	0.196
740.00	-0.029	500.00	-0.007	260.00	0.215
730.00	-0.029	490.00	-0.005	250.00	0.232
720.00	-0.028	480.00	-0.002	240.00	0.253
710.00	-0.028	470.00	0.000	230.00	0.286
700.00	-0.028	460.00	0.005	220.00	0.329
690.00	-0.027	450.00	0.007	210.00	0.386
680.00	-0.027	440.00	0.010	200.00	0.421
670.00	-0.026	430.00	0.011		

Sample Name: Sample 22 Rack 1 Tube 22

Collection Time 11/5/2019 2:49:57 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.015
896.00	-0.020
893.60	-0.020
888.80	-0.014
887.20	-0.017
881.60	-0.022
874.40	-0.024
868.80	-0.028
867.20	-0.027
580.80	0.001

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.044	660.00	-0.023	420.00	0.041
890.00	-0.031	650.00	-0.021	410.00	0.052
880.00	-0.040	640.00	-0.022	400.00	0.062
870.00	-0.036	630.00	-0.023	390.00	0.071
860.00	-0.031	620.00	-0.022	380.00	0.085
850.00	-0.029	610.00	-0.016	370.00	0.101
840.00	-0.028	600.00	-0.015	360.00	0.114
830.00	-0.030	590.00	-0.010	350.00	0.139
820.00	-0.030	580.00	0.001	340.00	0.179
810.00	-0.031	570.00	-0.013	330.00	0.205
800.00	-0.033	560.00	-0.014	320.00	0.229
790.00	-0.029	550.00	-0.007	310.00	0.266
780.00	-0.028	540.00	-0.005	300.00	0.300
770.00	-0.030	530.00	-0.002	290.00	0.337
760.00	-0.027	520.00	0.000	280.00	0.378
750.00	-0.027	510.00	0.002	270.00	0.423
740.00	-0.027	500.00	0.005	260.00	0.463
730.00	-0.026	490.00	0.008	250.00	0.498
720.00	-0.026	480.00	0.012	240.00	0.553
710.00	-0.025	470.00	0.016	230.00	0.627
700.00	-0.027	460.00	0.020	220.00	0.705
690.00	-0.024	450.00	0.026	210.00	0.805
680.00	-0.024	440.00	0.030	200.00	0.865
670.00	-0.023	430.00	0.035		

Sample Name: Sample 23 Rack 1 Tube 23

Collection Time 11/5/2019 2:53:09 PM

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

Wavelength (nm)	Abs
899.20	-0.015
896.00	-0.015
894.40	-0.015
890.40	-0.020
888.80	-0.027
886.40	-0.008
881.60	-0.022
877.60	-0.033
874.40	-0.023
867.20	-0.026
836.00	-0.024
580.80	-0.002
358.40	0.088

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.039	660.00	-0.024	420.00	0.028
890.00	-0.031	650.00	-0.023	410.00	0.037
880.00	-0.035	640.00	-0.023	400.00	0.043
870.00	-0.035	630.00	-0.026	390.00	0.053
860.00	-0.034	620.00	-0.026	380.00	0.065
850.00	-0.030	610.00	-0.020	370.00	0.074
840.00	-0.032	600.00	-0.019	360.00	0.082
830.00	-0.032	590.00	-0.015	350.00	0.105
820.00	-0.030	580.00	-0.003	340.00	0.133
810.00	-0.030	570.00	-0.016	330.00	0.151
800.00	-0.033	560.00	-0.018	320.00	0.169
790.00	-0.029	550.00	-0.014	310.00	0.194
780.00	-0.030	540.00	-0.011	300.00	0.217
770.00	-0.028	530.00	-0.008	290.00	0.243
760.00	-0.028	520.00	-0.006	280.00	0.273
750.00	-0.028	510.00	-0.003	270.00	0.305
740.00	-0.028	500.00	-0.001	260.00	0.332
730.00	-0.027	490.00	0.002	250.00	0.358
720.00	-0.028	480.00	0.005	240.00	0.395
710.00	-0.027	470.00	0.007	230.00	0.447
700.00	-0.027	460.00	0.011	220.00	0.507
690.00	-0.026	450.00	0.014	210.00	0.585
680.00	-0.027	440.00	0.019	200.00	0.637
670.00	-0.025	430.00	0.023		

Sample Name: Sample 24 Rack 1 Tube 24

Collection Time 11/5/2019 2:56:21 PM

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

Wavelength (nm)	Abs
898.40	-0.011
896.00	-0.016
893.60	-0.008
888.80	-0.025
887.20	-0.016
882.40	-0.027
872.80	-0.026
849.60	-0.028
581.60	-0.004
350.40	0.077

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
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900.00	-0.023	660.00	-0.026	420.00	0.017
890.00	-0.037	650.00	-0.024	410.00	0.026
880.00	-0.034	640.00	-0.026	400.00	0.030
870.00	-0.034	630.00	-0.028	390.00	0.033
860.00	-0.030	620.00	-0.027	380.00	0.042
850.00	-0.032	610.00	-0.020	370.00	0.050
840.00	-0.032	600.00	-0.021	360.00	0.050
830.00	-0.030	590.00	-0.016	350.00	0.068
820.00	-0.030	580.00	-0.006	340.00	0.099
810.00	-0.031	570.00	-0.018	330.00	0.114
800.00	-0.033	560.00	-0.021	320.00	0.125
790.00	-0.030	550.00	-0.015	310.00	0.147
780.00	-0.030	540.00	-0.014	300.00	0.164
770.00	-0.030	530.00	-0.012	290.00	0.185
760.00	-0.030	520.00	-0.010	280.00	0.212
750.00	-0.029	510.00	-0.008	270.00	0.238
740.00	-0.030	500.00	-0.006	260.00	0.262
730.00	-0.029	490.00	-0.004	250.00	0.279
720.00	-0.029	480.00	-0.001	240.00	0.307
710.00	-0.029	470.00	0.001	230.00	0.352
700.00	-0.030	460.00	0.005	220.00	0.416
690.00	-0.029	450.00	0.008	210.00	0.508
680.00	-0.027	440.00	0.011	200.00	0.569
670.00	-0.027	430.00	0.015		

Sample Name: Sample 25 Rack 1 Tube 25

Collection Time 11/5/2019 2:59:34 PM

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

Wavelength (nm)	Abs
898.40	-0.024
893.60	-0.020
889.60	-0.024
886.40	-0.025
882.40	-0.025
875.20	-0.025
581.60	-0.007

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.047	660.00	-0.028	420.00	0.004
890.00	-0.037	650.00	-0.026	410.00	0.012
880.00	-0.033	640.00	-0.027	400.00	0.013
870.00	-0.037	630.00	-0.029	390.00	0.015
860.00	-0.027	620.00	-0.030	380.00	0.018
850.00	-0.031	610.00	-0.024	370.00	0.022
840.00	-0.034	600.00	-0.023	360.00	0.021
830.00	-0.032	590.00	-0.019	350.00	0.035
820.00	-0.028	580.00	-0.008	340.00	0.056
810.00	-0.032	570.00	-0.022	330.00	0.065
800.00	-0.034	560.00	-0.023	320.00	0.068
790.00	-0.030	550.00	-0.019	310.00	0.081
780.00	-0.030	540.00	-0.018	300.00	0.091
770.00	-0.030	530.00	-0.016	290.00	0.099
760.00	-0.031	520.00	-0.013	280.00	0.110
750.00	-0.030	510.00	-0.012	270.00	0.124
740.00	-0.030	500.00	-0.010	260.00	0.134
730.00	-0.029	490.00	-0.009	250.00	0.143
720.00	-0.029	480.00	-0.007	240.00	0.155
710.00	-0.029	470.00	-0.004	230.00	0.174
700.00	-0.029	460.00	0.000	220.00	0.192
690.00	-0.028	450.00	0.001	210.00	0.219
680.00	-0.029	440.00	0.002	200.00	0.236
670.00	-0.028	430.00	0.004		

Sample Name: Sample 26 Rack 1 Tube 26

Collection Time 11/5/2019 3:02:47 PM

Peak Table
 Peak Style
 Peak Threshold
 Range

Peaks
 0.0100
 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.041
896.00	-0.013
893.60	-0.008
886.40	-0.021
882.40	-0.026
877.60	-0.025
867.20	-0.024
582.40	-0.008
365.60	0.017
353.60	0.024

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.053	660.00	-0.027	420.00	0.004
890.00	-0.035	650.00	-0.026	410.00	0.011
880.00	-0.040	640.00	-0.026	400.00	0.010
870.00	-0.036	630.00	-0.030	390.00	0.009
860.00	-0.033	620.00	-0.028	380.00	0.011
850.00	-0.030	610.00	-0.023	370.00	0.011
840.00	-0.031	600.00	-0.024	360.00	0.010
830.00	-0.032	590.00	-0.020	350.00	0.020
820.00	-0.029	580.00	-0.009	340.00	0.038
810.00	-0.034	570.00	-0.022	330.00	0.045
800.00	-0.035	560.00	-0.024	320.00	0.048
790.00	-0.031	550.00	-0.019	310.00	0.056
780.00	-0.033	540.00	-0.018	300.00	0.058
770.00	-0.032	530.00	-0.017	290.00	0.064
760.00	-0.032	520.00	-0.015	280.00	0.073
750.00	-0.030	510.00	-0.013	270.00	0.080
740.00	-0.031	500.00	-0.012	260.00	0.088
730.00	-0.029	490.00	-0.010	250.00	0.094
720.00	-0.030	480.00	-0.008	240.00	0.102
710.00	-0.030	470.00	-0.007	230.00	0.113
700.00	-0.029	460.00	-0.003	220.00	0.130
690.00	-0.027	450.00	-0.001	210.00	0.155
680.00	-0.027	440.00	0.001	200.00	0.176
670.00	-0.028	430.00	0.003		

Sample Name: Sample 27 Rack 1 Tube 27

Collection Time 11/5/2019 3:06:00 PM

Peak Table
 Peak Style
 Peak Threshold
 Range

Peaks
 0.0100
 900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.001
896.00	-0.020
892.80	-0.024
891.20	-0.026
888.80	-0.017
886.40	-0.014
881.60	-0.028
877.60	-0.021
872.80	-0.027
581.60	-0.002
350.40	0.147

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.030	660.00	-0.024	420.00	0.037

890.00	-0.040	650.00	-0.023	410.00	0.048
880.00	-0.029	640.00	-0.024	400.00	0.058
870.00	-0.037	630.00	-0.027	390.00	0.069
860.00	-0.034	620.00	-0.025	380.00	0.084
850.00	-0.034	610.00	-0.019	370.00	0.099
840.00	-0.035	600.00	-0.019	360.00	0.111
830.00	-0.032	590.00	-0.013	350.00	0.140
820.00	-0.032	580.00	-0.003	340.00	0.182
810.00	-0.033	570.00	-0.015	330.00	0.208
800.00	-0.032	560.00	-0.016	320.00	0.234
790.00	-0.032	550.00	-0.011	310.00	0.272
780.00	-0.030	540.00	-0.010	300.00	0.302
770.00	-0.030	530.00	-0.005	290.00	0.345
760.00	-0.031	520.00	-0.003	280.00	0.392
750.00	-0.029	510.00	-0.001	270.00	0.443
740.00	-0.029	500.00	0.001	260.00	0.491
730.00	-0.029	490.00	0.003	250.00	0.526
720.00	-0.029	480.00	0.007	240.00	0.576
710.00	-0.029	470.00	0.012	230.00	0.650
700.00	-0.028	460.00	0.016	220.00	0.727
690.00	-0.029	450.00	0.020	210.00	0.822
680.00	-0.027	440.00	0.024	200.00	0.882
670.00	-0.025	430.00	0.031		

Sample Name: Sample 28 Rack 1 Tube 28

Collection Time 11/5/2019 3:09:13 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.001
896.80	-0.026
894.40	-0.016
888.80	-0.021
886.40	-0.013
883.20	-0.025
880.80	-0.026
878.40	-0.028
874.40	-0.021
872.80	-0.024
864.80	-0.027
581.60	-0.003

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.048	660.00	-0.025	420.00	0.017
890.00	-0.032	650.00	-0.023	410.00	0.024
880.00	-0.036	640.00	-0.025	400.00	0.028
870.00	-0.035	630.00	-0.026	390.00	0.032
860.00	-0.029	620.00	-0.025	380.00	0.040
850.00	-0.032	610.00	-0.020	370.00	0.047
840.00	-0.035	600.00	-0.018	360.00	0.050
830.00	-0.029	590.00	-0.015	350.00	0.068
820.00	-0.030	580.00	-0.004	340.00	0.092
810.00	-0.030	570.00	-0.018	330.00	0.104
800.00	-0.033	560.00	-0.019	320.00	0.114
790.00	-0.030	550.00	-0.015	310.00	0.136
780.00	-0.029	540.00	-0.014	300.00	0.147
770.00	-0.029	530.00	-0.010	290.00	0.164
760.00	-0.029	520.00	-0.010	280.00	0.185
750.00	-0.030	510.00	-0.007	270.00	0.211
740.00	-0.029	500.00	-0.005	260.00	0.235
730.00	-0.027	490.00	-0.003	250.00	0.251
720.00	-0.026	480.00	0.000	240.00	0.273
710.00	-0.027	470.00	0.003	230.00	0.305
700.00	-0.027	460.00	0.007	220.00	0.341
690.00	-0.026	450.00	0.009	210.00	0.389
680.00	-0.025	440.00	0.011	200.00	0.416
670.00	-0.025	430.00	0.015		

Sample Name: Sample 29 Rack 1 Tube 29

Collection Time 11/5/2019 3:12:27 PM

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

Wavelength (nm)	Abs
898.40	-0.029
896.00	0.001
894.40	-0.025
888.80	-0.025
886.40	-0.015
881.60	-0.027
875.20	-0.023
872.80	-0.017
580.80	-0.002
357.60	0.064
352.00	0.074

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.056	660.00	-0.026	420.00	0.021
890.00	-0.040	650.00	-0.023	410.00	0.028
880.00	-0.033	640.00	-0.026	400.00	0.033
870.00	-0.034	630.00	-0.028	390.00	0.037
860.00	-0.027	620.00	-0.026	380.00	0.046
850.00	-0.032	610.00	-0.019	370.00	0.054
840.00	-0.037	600.00	-0.018	360.00	0.057
830.00	-0.031	590.00	-0.014	350.00	0.083
820.00	-0.030	580.00	-0.003	340.00	0.106
810.00	-0.031	570.00	-0.017	330.00	0.120
800.00	-0.032	560.00	-0.018	320.00	0.131
790.00	-0.030	550.00	-0.013	310.00	0.153
780.00	-0.029	540.00	-0.012	300.00	0.169
770.00	-0.028	530.00	-0.009	290.00	0.189
760.00	-0.028	520.00	-0.007	280.00	0.213
750.00	-0.029	510.00	-0.006	270.00	0.242
740.00	-0.028	500.00	-0.003	260.00	0.267
730.00	-0.029	490.00	-0.003	250.00	0.285
720.00	-0.028	480.00	0.000	240.00	0.310
710.00	-0.028	470.00	0.003	230.00	0.349
700.00	-0.028	460.00	0.007	220.00	0.390
690.00	-0.027	450.00	0.010	210.00	0.443
680.00	-0.027	440.00	0.014	200.00	0.478
670.00	-0.027	430.00	0.017		

Sample Name: Sample 30 Rack 1 Tube 30

Collection Time 11/5/2019 3:15:40 PM

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

Wavelength (nm)	Abs
898.40	0.001
896.80	-0.019
893.60	-0.017
892.00	-0.032
889.60	-0.028
887.20	-0.013
883.20	-0.023
877.60	-0.029
875.20	-0.030
867.20	-0.025
581.60	-0.007
404.00	0.003
354.40	0.003

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.035	660.00	-0.028	420.00	-0.004
890.00	-0.037	650.00	-0.026	410.00	0.000
880.00	-0.033	640.00	-0.028	400.00	0.001
870.00	-0.036	630.00	-0.029	390.00	-0.001
860.00	-0.034	620.00	-0.029	380.00	0.000
850.00	-0.032	610.00	-0.022	370.00	-0.002
840.00	-0.033	600.00	-0.023	360.00	-0.010
830.00	-0.031	590.00	-0.019	350.00	0.002
820.00	-0.032	580.00	-0.008	340.00	0.020
810.00	-0.033	570.00	-0.022	330.00	0.022
800.00	-0.033	560.00	-0.023	320.00	0.019
790.00	-0.030	550.00	-0.019	310.00	0.023
780.00	-0.029	540.00	-0.020	300.00	0.025
770.00	-0.031	530.00	-0.017	290.00	0.025
760.00	-0.030	520.00	-0.015	280.00	0.027
750.00	-0.031	510.00	-0.015	270.00	0.028
740.00	-0.030	500.00	-0.015	260.00	0.028
730.00	-0.030	490.00	-0.013	250.00	0.030
720.00	-0.029	480.00	-0.010	240.00	0.030
710.00	-0.030	470.00	-0.009	230.00	0.031
700.00	-0.030	460.00	-0.006	220.00	0.031
690.00	-0.028	450.00	-0.003	210.00	0.034
680.00	-0.029	440.00	-0.003	200.00	0.034
670.00	-0.028	430.00	-0.003		

Sample Name: Sample 31 Rack 1 Tube 31

Collection Time 11/5/2019 3:18:52 PM

Peak Table

Peak Style

Peak Threshold

Range 900.00nm to 200.00nm

Peaks

0.0100

Wavelength (nm)	Abs
898.40	-0.018
896.80	-0.013
893.60	-0.019
886.40	-0.005
878.40	-0.028
874.40	-0.028
857.60	-0.027
581.60	-0.003

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.033	660.00	-0.026	420.00	0.028
890.00	-0.047	650.00	-0.025	410.00	0.037
880.00	-0.043	640.00	-0.025	400.00	0.042
870.00	-0.034	630.00	-0.027	390.00	0.048
860.00	-0.036	620.00	-0.027	380.00	0.061
850.00	-0.032	610.00	-0.020	370.00	0.071
840.00	-0.032	600.00	-0.019	360.00	0.080
830.00	-0.034	590.00	-0.014	350.00	0.104
820.00	-0.032	580.00	-0.004	340.00	0.138
810.00	-0.033	570.00	-0.016	330.00	0.155
800.00	-0.034	560.00	-0.017	320.00	0.176
790.00	-0.032	550.00	-0.011	310.00	0.200
780.00	-0.032	540.00	-0.010	300.00	0.223
770.00	-0.033	530.00	-0.008	290.00	0.253
760.00	-0.031	520.00	-0.004	280.00	0.283
750.00	-0.031	510.00	-0.003	270.00	0.322
740.00	-0.031	500.00	-0.001	260.00	0.353
730.00	-0.029	490.00	0.001	250.00	0.378
720.00	-0.030	480.00	0.004	240.00	0.415
710.00	-0.029	470.00	0.007	230.00	0.465
700.00	-0.029	460.00	0.012	220.00	0.516
690.00	-0.027	450.00	0.015	210.00	0.586
680.00	-0.027	440.00	0.019	200.00	0.635
670.00	-0.027	430.00	0.023		

Sample Name: Sample 32 Rack 1 Tube 32

Collection Time 11/5/2019 3:22:04 PM

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

Wavelength (nm)	Abs
898.40	-0.013
896.00	-0.013
892.80	-0.015
886.40	-0.008
882.40	-0.021
872.80	-0.027
862.40	-0.027
582.40	-0.002

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.023	660.00	-0.025	420.00	0.028
890.00	-0.044	650.00	-0.024	410.00	0.038
880.00	-0.050	640.00	-0.025	400.00	0.045
870.00	-0.033	630.00	-0.027	390.00	0.052
860.00	-0.033	620.00	-0.026	380.00	0.062
850.00	-0.032	610.00	-0.020	370.00	0.071
840.00	-0.036	600.00	-0.019	360.00	0.080
830.00	-0.032	590.00	-0.014	350.00	0.107
820.00	-0.029	580.00	-0.004	340.00	0.140
810.00	-0.031	570.00	-0.018	330.00	0.161
800.00	-0.034	560.00	-0.019	320.00	0.182
790.00	-0.030	550.00	-0.014	310.00	0.211
780.00	-0.029	540.00	-0.012	300.00	0.238
770.00	-0.031	530.00	-0.009	290.00	0.269
760.00	-0.029	520.00	-0.006	280.00	0.305
750.00	-0.029	510.00	-0.004	270.00	0.345
740.00	-0.030	500.00	-0.002	260.00	0.379
730.00	-0.029	490.00	0.000	250.00	0.408
720.00	-0.028	480.00	0.003	240.00	0.449
710.00	-0.028	470.00	0.006	230.00	0.507
700.00	-0.028	460.00	0.011	220.00	0.577
690.00	-0.026	450.00	0.016	210.00	0.672
680.00	-0.027	440.00	0.019	200.00	0.733
670.00	-0.026	430.00	0.024		

Sample Name: Sample 33 Rack 1 Tube 33

Collection Time 11/5/2019 3:25:18 PM

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

Wavelength (nm)	Abs
898.40	-0.016
896.00	-0.013
894.40	-0.019
889.60	-0.026
887.20	-0.020
880.00	-0.029
874.40	-0.026
868.80	-0.028
581.60	-0.007

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
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900.00	-0.040	660.00	-0.028	420.00	0.003
890.00	-0.032	650.00	-0.027	410.00	0.009
880.00	-0.029	640.00	-0.028	400.00	0.012
870.00	-0.035	630.00	-0.030	390.00	0.011
860.00	-0.032	620.00	-0.030	380.00	0.013
850.00	-0.034	610.00	-0.023	370.00	0.013
840.00	-0.033	600.00	-0.024	360.00	0.011
830.00	-0.033	590.00	-0.019	350.00	0.026
820.00	-0.032	580.00	-0.008	340.00	0.049
810.00	-0.034	570.00	-0.023	330.00	0.056
800.00	-0.035	560.00	-0.024	320.00	0.056
790.00	-0.033	550.00	-0.019	310.00	0.069
780.00	-0.031	540.00	-0.019	300.00	0.076
770.00	-0.032	530.00	-0.017	290.00	0.085
760.00	-0.032	520.00	-0.015	280.00	0.098
750.00	-0.031	510.00	-0.014	270.00	0.112
740.00	-0.032	500.00	-0.012	260.00	0.123
730.00	-0.030	490.00	-0.010	250.00	0.133
720.00	-0.032	480.00	-0.009	240.00	0.144
710.00	-0.031	470.00	-0.006	230.00	0.169
700.00	-0.031	460.00	-0.004	220.00	0.226
690.00	-0.030	450.00	-0.002	210.00	0.314
680.00	-0.030	440.00	-0.001	200.00	0.364
670.00	-0.031	430.00	0.002		

Sample Name: Sample 34 Rack 1 Tube 34

Collection Time 11/5/2019 3:28:31 PM

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

Wavelength (nm)	Abs
898.40	-0.013
896.00	-0.004
892.80	-0.021
887.20	-0.019
881.60	-0.020
877.60	-0.030
874.40	-0.023
867.20	-0.027
582.40	-0.004
350.40	0.084

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.049	660.00	-0.025	420.00	0.019
890.00	-0.039	650.00	-0.024	410.00	0.027
880.00	-0.037	640.00	-0.025	400.00	0.032
870.00	-0.031	630.00	-0.027	390.00	0.035
860.00	-0.032	620.00	-0.026	380.00	0.044
850.00	-0.030	610.00	-0.020	370.00	0.049
840.00	-0.033	600.00	-0.021	360.00	0.052
830.00	-0.029	590.00	-0.015	350.00	0.075
820.00	-0.028	580.00	-0.004	340.00	0.100
810.00	-0.030	570.00	-0.019	330.00	0.113
800.00	-0.032	560.00	-0.020	320.00	0.124
790.00	-0.030	550.00	-0.015	310.00	0.147
780.00	-0.030	540.00	-0.014	300.00	0.166
770.00	-0.030	530.00	-0.011	290.00	0.188
760.00	-0.030	520.00	-0.009	280.00	0.213
750.00	-0.029	510.00	-0.006	270.00	0.238
740.00	-0.029	500.00	-0.005	260.00	0.259
730.00	-0.028	490.00	-0.002	250.00	0.281
720.00	-0.029	480.00	0.001	240.00	0.310
710.00	-0.028	470.00	0.004	230.00	0.350
700.00	-0.027	460.00	0.007	220.00	0.405
690.00	-0.027	450.00	0.010	210.00	0.477
680.00	-0.026	440.00	0.014	200.00	0.531
670.00	-0.026	430.00	0.015		

Sample Name: Sample 35 Rack 1 Tube 35

Collection Time 11/5/2019 3:31:43 PM

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

Wavelength (nm)	Abs
898.40	-0.002
896.80	-0.009
893.60	-0.001
886.40	-0.015
877.60	-0.031
874.40	-0.027
871.20	-0.025
582.40	-0.001
354.40	0.101

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.044	660.00	-0.026	420.00	0.029
890.00	-0.037	650.00	-0.024	410.00	0.039
880.00	-0.030	640.00	-0.025	400.00	0.046
870.00	-0.036	630.00	-0.028	390.00	0.052
860.00	-0.033	620.00	-0.026	380.00	0.062
850.00	-0.033	610.00	-0.020	370.00	0.072
840.00	-0.034	600.00	-0.020	360.00	0.082
830.00	-0.033	590.00	-0.014	350.00	0.102
820.00	-0.032	580.00	-0.002	340.00	0.134
810.00	-0.031	570.00	-0.016	330.00	0.154
800.00	-0.032	560.00	-0.018	320.00	0.173
790.00	-0.031	550.00	-0.013	310.00	0.199
780.00	-0.030	540.00	-0.011	300.00	0.224
770.00	-0.032	530.00	-0.009	290.00	0.250
760.00	-0.030	520.00	-0.007	280.00	0.281
750.00	-0.030	510.00	-0.005	270.00	0.315
740.00	-0.030	500.00	-0.003	260.00	0.344
730.00	-0.028	490.00	0.001	250.00	0.369
720.00	-0.030	480.00	0.004	240.00	0.406
710.00	-0.029	470.00	0.007	230.00	0.457
700.00	-0.030	460.00	0.013	220.00	0.511
690.00	-0.028	450.00	0.017	210.00	0.576
680.00	-0.027	440.00	0.020	200.00	0.609
670.00	-0.027	430.00	0.024		

Sample Name: Sample 36 Rack 1 Tube 36

Collection Time 11/5/2019 3:34:56 PM

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

Wavelength (nm)	Abs
898.40	0.001
896.00	-0.025
893.60	-0.023
886.40	-0.015
881.60	-0.026
867.20	-0.027
862.40	-0.028
849.60	-0.025
580.80	-0.004

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.033	660.00	-0.026	420.00	0.031

890.00	-0.046	650.00	-0.024	410.00	0.044
880.00	-0.038	640.00	-0.025	400.00	0.049
870.00	-0.035	630.00	-0.027	390.00	0.057
860.00	-0.034	620.00	-0.027	380.00	0.070
850.00	-0.030	610.00	-0.020	370.00	0.077
840.00	-0.030	600.00	-0.019	360.00	0.085
830.00	-0.032	590.00	-0.015	350.00	0.102
820.00	-0.032	580.00	-0.004	340.00	0.145
810.00	-0.032	570.00	-0.018	330.00	0.167
800.00	-0.033	560.00	-0.019	320.00	0.187
790.00	-0.031	550.00	-0.014	310.00	0.215
780.00	-0.030	540.00	-0.012	300.00	0.243
770.00	-0.030	530.00	-0.009	290.00	0.274
760.00	-0.030	520.00	-0.007	280.00	0.309
750.00	-0.029	510.00	-0.005	270.00	0.349
740.00	-0.030	500.00	-0.001	260.00	0.385
730.00	-0.030	490.00	0.002	250.00	0.416
720.00	-0.029	480.00	0.005	240.00	0.456
710.00	-0.030	470.00	0.009	230.00	0.513
700.00	-0.029	460.00	0.013	220.00	0.571
690.00	-0.028	450.00	0.019	210.00	0.640
680.00	-0.027	440.00	0.022	200.00	0.684
670.00	-0.027	430.00	0.029		

Sample Name: Sample 37 Rack 1 Tube 37

Collection Time 11/5/2019 3:38:09 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
894.40	-0.016
889.60	-0.021
885.60	-0.018
881.60	-0.031
871.20	-0.024
867.20	-0.023
581.60	-0.002
354.40	0.078

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.039	660.00	-0.027	420.00	0.025
890.00	-0.034	650.00	-0.024	410.00	0.033
880.00	-0.048	640.00	-0.025	400.00	0.036
870.00	-0.040	630.00	-0.027	390.00	0.041
860.00	-0.031	620.00	-0.026	380.00	0.051
850.00	-0.034	610.00	-0.020	370.00	0.057
840.00	-0.036	600.00	-0.019	360.00	0.061
830.00	-0.032	590.00	-0.014	350.00	0.081
820.00	-0.030	580.00	-0.003	340.00	0.111
810.00	-0.035	570.00	-0.018	330.00	0.126
800.00	-0.033	560.00	-0.019	320.00	0.139
790.00	-0.032	550.00	-0.014	310.00	0.162
780.00	-0.030	540.00	-0.011	300.00	0.183
770.00	-0.031	530.00	-0.009	290.00	0.204
760.00	-0.029	520.00	-0.008	280.00	0.229
750.00	-0.030	510.00	-0.006	270.00	0.259
740.00	-0.030	500.00	-0.003	260.00	0.286
730.00	-0.029	490.00	0.001	250.00	0.305
720.00	-0.030	480.00	0.004	240.00	0.333
710.00	-0.028	470.00	0.006	230.00	0.373
700.00	-0.028	460.00	0.010	220.00	0.423
690.00	-0.027	450.00	0.014	210.00	0.488
680.00	-0.027	440.00	0.016	200.00	0.532
670.00	-0.026	430.00	0.021		

Sample Name: Sample 38 Rack 1 Tube 38

Collection Time 11/5/2019 3:41:22 PM

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

Wavelength (nm)	Abs
898.40	-0.015
896.00	-0.016
892.80	-0.020
889.60	-0.031
887.20	-0.019
881.60	-0.024
874.40	-0.023
867.20	-0.024
581.60	-0.006
363.20	0.013
350.40	0.023

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.031	660.00	-0.027	420.00	0.003
890.00	-0.039	650.00	-0.027	410.00	0.008
880.00	-0.036	640.00	-0.027	400.00	0.010
870.00	-0.035	630.00	-0.029	390.00	0.008
860.00	-0.031	620.00	-0.029	380.00	0.010
850.00	-0.032	610.00	-0.023	370.00	0.010
840.00	-0.033	600.00	-0.023	360.00	0.005
830.00	-0.032	590.00	-0.018	350.00	0.017
820.00	-0.030	580.00	-0.008	340.00	0.037
810.00	-0.033	570.00	-0.021	330.00	0.038
800.00	-0.034	560.00	-0.023	320.00	0.042
790.00	-0.032	550.00	-0.019	310.00	0.048
780.00	-0.030	540.00	-0.018	300.00	0.053
770.00	-0.033	530.00	-0.017	290.00	0.058
760.00	-0.031	520.00	-0.013	280.00	0.062
750.00	-0.030	510.00	-0.013	270.00	0.071
740.00	-0.030	500.00	-0.011	260.00	0.077
730.00	-0.030	490.00	-0.010	250.00	0.083
720.00	-0.031	480.00	-0.009	240.00	0.087
710.00	-0.030	470.00	-0.005	230.00	0.097
700.00	-0.030	460.00	-0.004	220.00	0.107
690.00	-0.030	450.00	-0.002	210.00	0.127
680.00	-0.030	440.00	0.000	200.00	0.144
670.00	-0.029	430.00	0.001		

Sample Name: Sample 39 Rack 1 Tube 39

Collection Time 11/5/2019 3:44:36 PM

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

Wavelength (nm)	Abs
897.60	-0.046
896.00	-0.021
892.80	0.000
887.20	-0.013
877.60	-0.026
581.60	-0.006
354.40	0.039

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.029	660.00	-0.028	420.00	0.009
890.00	-0.035	650.00	-0.025	410.00	0.017
880.00	-0.038	640.00	-0.027	400.00	0.021
870.00	-0.036	630.00	-0.031	390.00	0.019
860.00	-0.036	620.00	-0.030	380.00	0.024

850.00	-0.032	610.00	-0.023	370.00	0.023
840.00	-0.035	600.00	-0.023	360.00	0.020
830.00	-0.032	590.00	-0.018	350.00	0.028
820.00	-0.029	580.00	-0.007	340.00	0.058
810.00	-0.034	570.00	-0.021	330.00	0.066
800.00	-0.036	560.00	-0.023	320.00	0.074
790.00	-0.033	550.00	-0.018	310.00	0.082
780.00	-0.031	540.00	-0.016	300.00	0.093
770.00	-0.031	530.00	-0.014	290.00	0.103
760.00	-0.030	520.00	-0.012	280.00	0.115
750.00	-0.031	510.00	-0.010	270.00	0.132
740.00	-0.032	500.00	-0.010	260.00	0.145
730.00	-0.031	490.00	-0.007	250.00	0.153
720.00	-0.030	480.00	-0.005	240.00	0.167
710.00	-0.030	470.00	-0.002	230.00	0.186
700.00	-0.029	460.00	0.000	220.00	0.209
690.00	-0.029	450.00	0.003	210.00	0.243
680.00	-0.030	440.00	0.004	200.00	0.273
670.00	-0.029	430.00	0.006		

Sample Name: Sample 40 Rack 1 Tube 40

Collection Time 11/5/2019 3:47:49 PM

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

Wavelength (nm)	Abs
898.40	-0.008
896.00	-0.010
893.60	-0.016
888.80	-0.025
886.40	-0.004
882.40	-0.027
872.80	-0.029
581.60	-0.006
364.80	0.007

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.024	660.00	-0.028	420.00	-0.002
890.00	-0.038	650.00	-0.027	410.00	0.004
880.00	-0.034	640.00	-0.027	400.00	0.004
870.00	-0.036	630.00	-0.030	390.00	0.003
860.00	-0.037	620.00	-0.029	380.00	0.005
850.00	-0.033	610.00	-0.024	370.00	0.003
840.00	-0.034	600.00	-0.023	360.00	-0.001
830.00	-0.032	590.00	-0.018	350.00	0.010
820.00	-0.031	580.00	-0.008	340.00	0.023
810.00	-0.033	570.00	-0.022	330.00	0.024
800.00	-0.036	560.00	-0.025	320.00	0.021
790.00	-0.031	550.00	-0.019	310.00	0.026
780.00	-0.031	540.00	-0.019	300.00	0.028
770.00	-0.032	530.00	-0.016	290.00	0.027
760.00	-0.031	520.00	-0.014	280.00	0.028
750.00	-0.032	510.00	-0.012	270.00	0.029
740.00	-0.031	500.00	-0.012	260.00	0.030
730.00	-0.030	490.00	-0.009	250.00	0.032
720.00	-0.030	480.00	-0.008	240.00	0.033
710.00	-0.030	470.00	-0.006	230.00	0.033
700.00	-0.030	460.00	-0.004	220.00	0.034
690.00	-0.029	450.00	-0.003	210.00	0.035
680.00	-0.029	440.00	-0.002	200.00	0.039
670.00	-0.029	430.00	-0.001		