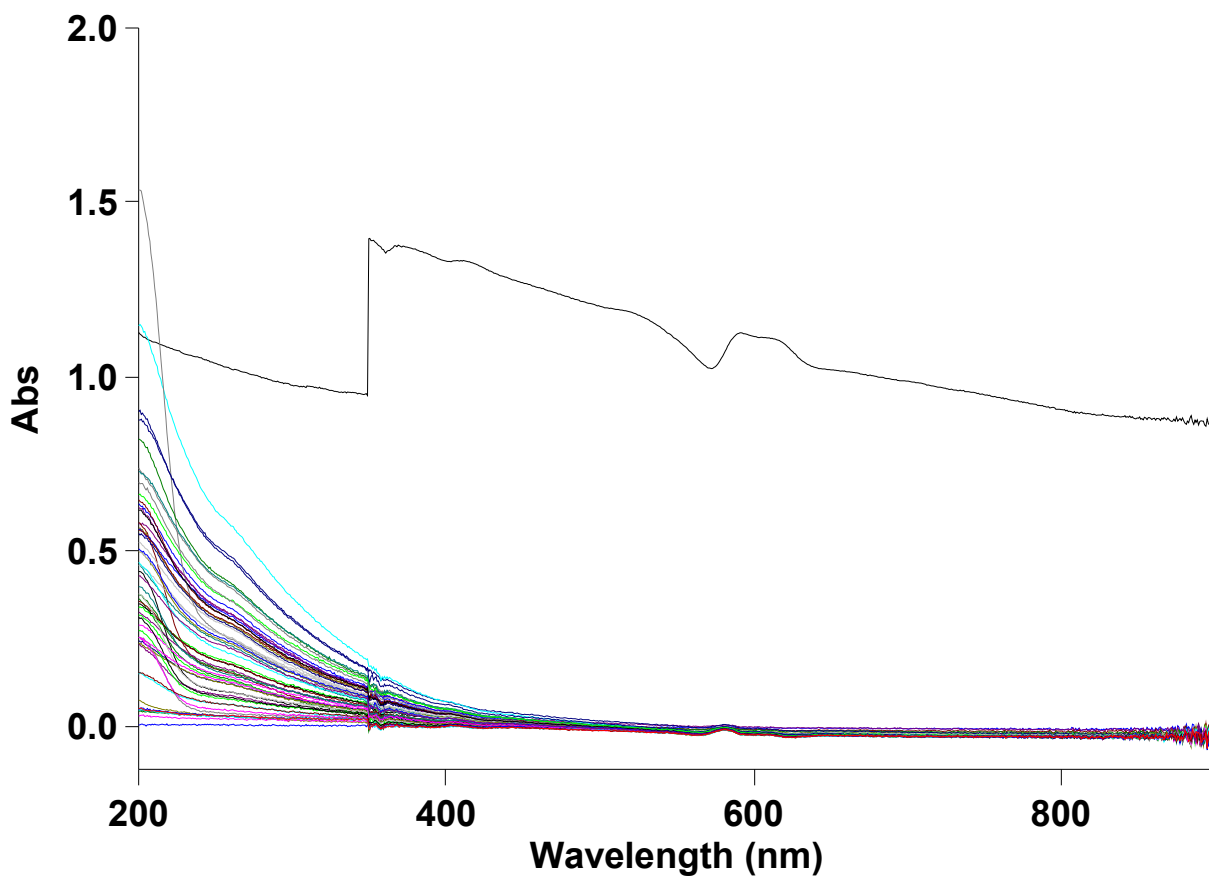


NIVA



Scan Analysis Report

Report Time : Wed 06 Nov 11:23:23 AM 2019
Method: H:\1000 sjøer UV-spek\UV-scan MED SAMPLER 1000 sjoer.MSW
Batch: H:\1000 sjøer UV-spek\191106\191106_run.DSW
Software version: 4.20(468)
Operator: JKK

Zero Report

Read	Abs(900.00)
Zero	0.8655

Sample Name: Baseline 100%T

Collection Time 11/6/2019 11:20:18 AM

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

Wavelength (nm)	Abs
897.60	0.898
895.20	0.880
891.20	0.875

888.80	0.877
884.80	0.890
875.20	0.885
592.00	1.127
368.80	1.378
350.40	1.397

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.846	660.00	1.016	420.00	1.322
890.00	0.868	650.00	1.021	410.00	1.333
880.00	0.874	640.00	1.028	400.00	1.332
870.00	0.880	630.00	1.053	390.00	1.349
860.00	0.881	620.00	1.095	380.00	1.367
850.00	0.883	610.00	1.112	370.00	1.375
840.00	0.887	600.00	1.117	360.00	1.360
830.00	0.890	590.00	1.125	350.00	1.396
820.00	0.893	580.00	1.060	340.00	0.955
810.00	0.898	570.00	1.027	330.00	0.957
800.00	0.907	560.00	1.068	320.00	0.966
790.00	0.915	550.00	1.108	310.00	0.974
780.00	0.923	540.00	1.140	300.00	0.976
770.00	0.932	530.00	1.168	290.00	0.987
760.00	0.941	520.00	1.186	280.00	0.998
750.00	0.950	510.00	1.194	270.00	1.013
740.00	0.959	500.00	1.202	260.00	1.023
730.00	0.963	490.00	1.215	250.00	1.039
720.00	0.971	480.00	1.229	240.00	1.055
710.00	0.982	470.00	1.243	230.00	1.066
700.00	0.989	460.00	1.256	220.00	1.084
690.00	0.993	450.00	1.270	210.00	1.100
680.00	1.002	440.00	1.284	200.00	1.128
670.00	1.008	430.00	1.301		

Sample Name: Sample 1 Rack 1 Tube 1

Collection Time 11/6/2019 11:24:12 AM

Peak Table

Peak Style

Peak Threshold

Range 900.00nm to 200.00nm

Peaks

0.0100

Wavelength (nm)	Abs
899.20	0.013
896.80	-0.008
893.60	-0.002
888.80	0.000
885.60	0.006
881.60	0.006
876.00	0.001
872.80	-0.001
864.80	-0.002

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.007	660.00	-0.006	420.00	-0.002
890.00	-0.010	650.00	-0.006	410.00	0.001
880.00	-0.010	640.00	-0.006	400.00	-0.001
870.00	-0.012	630.00	-0.005	390.00	-0.001
860.00	-0.010	620.00	-0.005	380.00	-0.002
850.00	-0.007	610.00	-0.004	370.00	-0.001
840.00	-0.010	600.00	-0.005	360.00	0.003
830.00	-0.008	590.00	-0.004	350.00	-0.003
820.00	-0.006	580.00	-0.002	340.00	0.002
810.00	-0.008	570.00	-0.004	330.00	0.002
800.00	-0.009	560.00	-0.005	320.00	0.004
790.00	-0.008	550.00	-0.004	310.00	0.002
780.00	-0.007	540.00	-0.002	300.00	0.002
770.00	-0.007	530.00	-0.003	290.00	0.002
760.00	-0.009	520.00	-0.003	280.00	0.005
750.00	-0.007	510.00	-0.001	270.00	0.002

740.00	-0.008	500.00	0.001	260.00	0.004
730.00	-0.006	490.00	-0.002	250.00	0.004
720.00	-0.007	480.00	-0.002	240.00	0.003
710.00	-0.007	470.00	-0.001	230.00	0.005
700.00	-0.008	460.00	-0.001	220.00	0.003
690.00	-0.006	450.00	-0.003	210.00	0.005
680.00	-0.007	440.00	-0.002	200.00	0.004
670.00	-0.005	430.00	-0.002		

Sample Name: Sample 2 Rack 1 Tube 2

Collection Time 11/6/2019 11:27:27 AM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.014
896.80	0.007
889.60	0.007
886.40	-0.007
881.60	0.000
876.00	-0.003
872.00	-0.003
869.60	-0.004
848.00	-0.005

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.010	660.00	-0.006	420.00	0.030
890.00	0.002	650.00	-0.004	410.00	0.038
880.00	-0.001	640.00	-0.005	400.00	0.044
870.00	-0.010	630.00	-0.004	390.00	0.050
860.00	-0.014	620.00	-0.005	380.00	0.061
850.00	-0.007	610.00	-0.003	370.00	0.076
840.00	-0.009	600.00	-0.003	360.00	0.091
830.00	-0.009	590.00	-0.001	350.00	0.100
820.00	-0.009	580.00	0.003	340.00	0.119
810.00	-0.011	570.00	0.001	330.00	0.138
800.00	-0.011	560.00	-0.001	320.00	0.157
790.00	-0.009	550.00	0.002	310.00	0.179
780.00	-0.009	540.00	0.003	300.00	0.207
770.00	-0.009	530.00	0.005	290.00	0.230
760.00	-0.010	520.00	0.007	280.00	0.264
750.00	-0.009	510.00	0.008	270.00	0.293
740.00	-0.008	500.00	0.010	260.00	0.321
730.00	-0.007	490.00	0.011	250.00	0.342
720.00	-0.007	480.00	0.013	240.00	0.378
710.00	-0.007	470.00	0.016	230.00	0.431
700.00	-0.007	460.00	0.019	220.00	0.484
690.00	-0.006	450.00	0.021	210.00	0.546
680.00	-0.007	440.00	0.022	200.00	0.580
670.00	-0.005	430.00	0.025		

Sample Name: Sample 3 Rack 1 Tube 3

Collection Time 11/6/2019 11:30:39 AM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.008
896.00	0.000
894.40	0.008
887.20	-0.001
883.20	-0.011
880.80	0.000

876.00	-0.010
872.00	-0.008
861.60	-0.008

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.012	660.00	-0.013	420.00	0.010
890.00	-0.011	650.00	-0.012	410.00	0.014
880.00	-0.012	640.00	-0.012	400.00	0.015
870.00	-0.024	630.00	-0.013	390.00	0.017
860.00	-0.015	620.00	-0.012	380.00	0.022
850.00	-0.017	610.00	-0.010	370.00	0.027
840.00	-0.015	600.00	-0.011	360.00	0.035
830.00	-0.016	590.00	-0.007	350.00	0.040
820.00	-0.016	580.00	-0.003	340.00	0.047
810.00	-0.015	570.00	-0.007	330.00	0.056
800.00	-0.015	560.00	-0.010	320.00	0.063
790.00	-0.016	550.00	-0.007	310.00	0.072
780.00	-0.013	540.00	-0.004	300.00	0.086
770.00	-0.013	530.00	-0.002	290.00	0.100
760.00	-0.015	520.00	-0.002	280.00	0.120
750.00	-0.014	510.00	0.001	270.00	0.136
740.00	-0.015	500.00	0.002	260.00	0.153
730.00	-0.013	490.00	0.001	250.00	0.164
720.00	-0.013	480.00	0.003	240.00	0.180
710.00	-0.014	470.00	0.004	230.00	0.228
700.00	-0.013	460.00	0.008	220.00	0.336
690.00	-0.012	450.00	0.008	210.00	0.497
680.00	-0.014	440.00	0.010	200.00	0.584
670.00	-0.010	430.00	0.009		

Sample Name: Sample 4 Rack 1 Tube 4

Collection Time 11/6/2019 11:33:52 AM

Peak Table
Peak Style
Peak Threshold
Range

Peaks
0.0100
900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.000
896.80	-0.023
893.60	0.002
889.60	-0.011
880.80	-0.005
876.80	-0.011
874.40	-0.011
868.80	-0.014
864.80	-0.009
852.00	-0.013
361.60	0.031
352.80	0.039
351.20	0.038

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.032	660.00	-0.014	420.00	0.011
890.00	-0.013	650.00	-0.014	410.00	0.015
880.00	-0.023	640.00	-0.014	400.00	0.015
870.00	-0.024	630.00	-0.015	390.00	0.016
860.00	-0.017	620.00	-0.015	380.00	0.017
850.00	-0.019	610.00	-0.012	370.00	0.022
840.00	-0.020	600.00	-0.012	360.00	0.028
830.00	-0.022	590.00	-0.009	350.00	0.028
820.00	-0.020	580.00	-0.003	340.00	0.041
810.00	-0.017	570.00	-0.009	330.00	0.048
800.00	-0.019	560.00	-0.011	320.00	0.058
790.00	-0.017	550.00	-0.007	310.00	0.064
780.00	-0.017	540.00	-0.005	300.00	0.078
770.00	-0.016	530.00	-0.005	290.00	0.088
760.00	-0.016	520.00	-0.004	280.00	0.105

750.00	-0.017	510.00	-0.002	270.00	0.119
740.00	-0.017	500.00	0.000	260.00	0.135
730.00	-0.015	490.00	0.001	250.00	0.145
720.00	-0.016	480.00	0.002	240.00	0.161
710.00	-0.017	470.00	0.004	230.00	0.189
700.00	-0.017	460.00	0.007	220.00	0.240
690.00	-0.015	450.00	0.009	210.00	0.308
680.00	-0.015	440.00	0.010	200.00	0.365
670.00	-0.013	430.00	0.009		

Sample Name: Sample 5 Rack 1 Tube 5

Collection Time 11/6/2019 11:37:05 AM

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

Wavelength (nm)	Abs
896.80	0.001
894.40	0.003
889.60	-0.008
888.00	-0.001
881.60	-0.002
876.00	-0.013
872.00	-0.011
861.60	-0.017
856.00	-0.017
368.80	0.009

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.024	660.00	-0.018	420.00	-0.001
890.00	-0.014	650.00	-0.017	410.00	0.002
880.00	-0.013	640.00	-0.018	400.00	0.004
870.00	-0.025	630.00	-0.019	390.00	0.003
860.00	-0.021	620.00	-0.018	380.00	0.003
850.00	-0.022	610.00	-0.015	370.00	0.007
840.00	-0.020	600.00	-0.015	360.00	0.004
830.00	-0.020	590.00	-0.012	350.00	0.006
820.00	-0.021	580.00	-0.006	340.00	0.013
810.00	-0.023	570.00	-0.013	330.00	0.014
800.00	-0.023	560.00	-0.015	320.00	0.014
790.00	-0.021	550.00	-0.011	310.00	0.015
780.00	-0.020	540.00	-0.010	300.00	0.017
770.00	-0.019	530.00	-0.008	290.00	0.020
760.00	-0.020	520.00	-0.005	280.00	0.023
750.00	-0.021	510.00	-0.004	270.00	0.024
740.00	-0.020	500.00	-0.004	260.00	0.028
730.00	-0.019	490.00	-0.003	250.00	0.031
720.00	-0.020	480.00	-0.002	240.00	0.033
710.00	-0.019	470.00	-0.001	230.00	0.041
700.00	-0.019	460.00	0.000	220.00	0.047
690.00	-0.017	450.00	0.000	210.00	0.055
680.00	-0.018	440.00	-0.001	200.00	0.075
670.00	-0.016	430.00	-0.002		

Sample Name: Sample 6 Rack 1 Tube 6

Collection Time 11/6/2019 11:40:18 AM

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

Wavelength (nm)	Abs
899.20	0.001
896.80	-0.007
894.40	-0.010
887.20	-0.011

883.20	-0.010
881.60	-0.009
876.00	-0.021
872.00	-0.016
864.80	-0.016

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.010	660.00	-0.014	420.00	0.050
890.00	-0.021	650.00	-0.013	410.00	0.060
880.00	-0.030	640.00	-0.013	400.00	0.071
870.00	-0.024	630.00	-0.013	390.00	0.081
860.00	-0.024	620.00	-0.012	380.00	0.097
850.00	-0.023	610.00	-0.008	370.00	0.116
840.00	-0.022	600.00	-0.008	360.00	0.133
830.00	-0.021	590.00	-0.004	350.00	0.159
820.00	-0.021	580.00	0.005	340.00	0.184
810.00	-0.022	570.00	-0.003	330.00	0.214
800.00	-0.021	560.00	-0.004	320.00	0.240
790.00	-0.019	550.00	0.001	310.00	0.273
780.00	-0.020	540.00	0.004	300.00	0.309
770.00	-0.019	530.00	0.007	290.00	0.347
760.00	-0.019	520.00	0.010	280.00	0.393
750.00	-0.019	510.00	0.013	270.00	0.440
740.00	-0.021	500.00	0.016	260.00	0.486
730.00	-0.019	490.00	0.019	250.00	0.518
720.00	-0.018	480.00	0.022	240.00	0.568
710.00	-0.018	470.00	0.026	230.00	0.641
700.00	-0.017	460.00	0.031	220.00	0.726
690.00	-0.015	450.00	0.034	210.00	0.824
680.00	-0.016	440.00	0.040	200.00	0.878
670.00	-0.014	430.00	0.044		

Sample Name: Sample 7 Rack 1 Tube 7

Collection Time

11/6/2019 11:43:30 AM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.028
896.80	-0.027
894.40	-0.013
889.60	-0.014
886.40	-0.019
883.20	-0.016
881.60	-0.009
876.00	-0.016
872.00	-0.017
861.60	-0.020
580.00	-0.005

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	0.017
890.00	-0.022	650.00	-0.020	410.00	0.024
880.00	-0.024	640.00	-0.019	400.00	0.026
870.00	-0.026	630.00	-0.021	390.00	0.030
860.00	-0.027	620.00	-0.020	380.00	0.037
850.00	-0.026	610.00	-0.017	370.00	0.048
840.00	-0.026	600.00	-0.017	360.00	0.056
830.00	-0.027	590.00	-0.013	350.00	0.066
820.00	-0.026	580.00	-0.005	340.00	0.080
810.00	-0.024	570.00	-0.013	330.00	0.092
800.00	-0.025	560.00	-0.015	320.00	0.107
790.00	-0.024	550.00	-0.011	310.00	0.122
780.00	-0.024	540.00	-0.008	300.00	0.141
770.00	-0.023	530.00	-0.007	290.00	0.163
760.00	-0.025	520.00	-0.005	280.00	0.188

750.00	-0.023	510.00	-0.003	270.00	0.207
740.00	-0.023	500.00	-0.001	260.00	0.231
730.00	-0.022	490.00	0.001	250.00	0.248
720.00	-0.023	480.00	0.003	240.00	0.272
710.00	-0.023	470.00	0.006	230.00	0.311
700.00	-0.023	460.00	0.007	220.00	0.355
690.00	-0.022	450.00	0.010	210.00	0.410
680.00	-0.021	440.00	0.012	200.00	0.462
670.00	-0.020	430.00	0.013		

Sample Name: Sample 8 Rack 1 Tube 8

Collection Time 11/6/2019 11:46:43 AM

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

Wavelength (nm)	Abs
899.20	-0.009
895.20	-0.020
891.20	-0.025
889.60	-0.022
888.00	-0.014
881.60	-0.006
872.00	-0.016
864.80	-0.020
580.80	-0.004

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.027	660.00	-0.020	420.00	0.023
890.00	-0.029	650.00	-0.019	410.00	0.028
880.00	-0.025	640.00	-0.020	400.00	0.034
870.00	-0.032	630.00	-0.021	390.00	0.038
860.00	-0.026	620.00	-0.022	380.00	0.048
850.00	-0.026	610.00	-0.017	370.00	0.059
840.00	-0.024	600.00	-0.017	360.00	0.071
830.00	-0.026	590.00	-0.012	350.00	0.080
820.00	-0.027	580.00	-0.004	340.00	0.102
810.00	-0.024	570.00	-0.013	330.00	0.117
800.00	-0.026	560.00	-0.015	320.00	0.132
790.00	-0.024	550.00	-0.012	310.00	0.151
780.00	-0.024	540.00	-0.010	300.00	0.174
770.00	-0.024	530.00	-0.007	290.00	0.195
760.00	-0.023	520.00	-0.005	280.00	0.226
750.00	-0.024	510.00	-0.001	270.00	0.254
740.00	-0.025	500.00	0.001	260.00	0.281
730.00	-0.022	490.00	0.003	250.00	0.300
720.00	-0.024	480.00	0.005	240.00	0.328
710.00	-0.024	470.00	0.007	230.00	0.371
700.00	-0.023	460.00	0.010	220.00	0.419
690.00	-0.022	450.00	0.013	210.00	0.481
680.00	-0.022	440.00	0.015	200.00	0.525
670.00	-0.019	430.00	0.017		

Sample Name: Sample 9 Rack 1 Tube 9

Collection Time 11/6/2019 11:49:57 AM

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

Wavelength (nm)	Abs
899.20	-0.009
893.60	-0.023
889.60	-0.005
886.40	-0.019
880.80	-0.013

878.40	-0.020
876.00	-0.019
874.40	-0.022
872.00	-0.020
864.80	-0.020
853.60	-0.021
580.80	-0.007
363.20	0.033
353.60	0.042

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.040	660.00	-0.022	420.00	0.007
890.00	-0.013	650.00	-0.022	410.00	0.013
880.00	-0.026	640.00	-0.022	400.00	0.016
870.00	-0.031	630.00	-0.024	390.00	0.017
860.00	-0.028	620.00	-0.025	380.00	0.020
850.00	-0.028	610.00	-0.020	370.00	0.027
840.00	-0.028	600.00	-0.019	360.00	0.033
830.00	-0.028	590.00	-0.016	350.00	0.030
820.00	-0.028	580.00	-0.007	340.00	0.050
810.00	-0.027	570.00	-0.017	330.00	0.056
800.00	-0.029	560.00	-0.019	320.00	0.063
790.00	-0.027	550.00	-0.014	310.00	0.072
780.00	-0.024	540.00	-0.011	300.00	0.083
770.00	-0.026	530.00	-0.010	290.00	0.092
760.00	-0.026	520.00	-0.007	280.00	0.104
750.00	-0.026	510.00	-0.005	270.00	0.117
740.00	-0.026	500.00	-0.004	260.00	0.130
730.00	-0.025	490.00	-0.004	250.00	0.140
720.00	-0.026	480.00	-0.001	240.00	0.153
710.00	-0.025	470.00	0.002	230.00	0.178
700.00	-0.025	460.00	0.003	220.00	0.223
690.00	-0.024	450.00	0.004	210.00	0.281
680.00	-0.023	440.00	0.006	200.00	0.318
670.00	-0.021	430.00	0.005		

Sample Name: Sample 10 Rack 1 Tube 10

Collection Time 11/6/2019 11:53:09 AM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	-0.019
894.40	-0.012
888.00	-0.017
886.40	-0.020
883.20	-0.018
881.60	-0.009
878.40	-0.025
876.00	-0.017
870.40	-0.024
580.00	-0.009
364.80	0.005
354.40	0.009

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	-0.005
890.00	-0.033	650.00	-0.025	410.00	0.000
880.00	-0.025	640.00	-0.026	400.00	0.000
870.00	-0.027	630.00	-0.028	390.00	-0.003
860.00	-0.031	620.00	-0.028	380.00	0.000
850.00	-0.027	610.00	-0.023	370.00	0.001
840.00	-0.027	600.00	-0.023	360.00	0.001
830.00	-0.031	590.00	-0.019	350.00	-0.004
820.00	-0.028	580.00	-0.009	340.00	0.013
810.00	-0.028	570.00	-0.020	330.00	0.015

800.00	-0.029	560.00	-0.022	320.00	0.017
790.00	-0.029	550.00	-0.017	310.00	0.018
780.00	-0.027	540.00	-0.015	300.00	0.019
770.00	-0.027	530.00	-0.015	290.00	0.018
760.00	-0.029	520.00	-0.012	280.00	0.022
750.00	-0.029	510.00	-0.010	270.00	0.018
740.00	-0.028	500.00	-0.010	260.00	0.021
730.00	-0.027	490.00	-0.009	250.00	0.021
720.00	-0.028	480.00	-0.011	240.00	0.021
710.00	-0.028	470.00	-0.007	230.00	0.023
700.00	-0.028	460.00	-0.004	220.00	0.026
690.00	-0.027	450.00	-0.003	210.00	0.028
680.00	-0.027	440.00	-0.002	200.00	0.029
670.00	-0.025	430.00	-0.004		

Sample Name: Sample 11 Rack 1 Tube 11

Collection Time 11/6/2019 11:56:22 AM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.00	-0.037
894.40	-0.013
889.60	-0.017
886.40	-0.020
880.80	-0.016
878.40	-0.021
872.00	-0.023
862.40	-0.025
848.80	-0.024
580.80	-0.009
360.00	0.013

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.004	660.00	-0.025	420.00	-0.003
890.00	-0.018	650.00	-0.025	410.00	0.002
880.00	-0.030	640.00	-0.025	400.00	0.003
870.00	-0.035	630.00	-0.027	390.00	0.001
860.00	-0.036	620.00	-0.027	380.00	0.004
850.00	-0.032	610.00	-0.023	370.00	0.007
840.00	-0.031	600.00	-0.023	360.00	0.013
830.00	-0.029	590.00	-0.019	350.00	0.011
820.00	-0.032	580.00	-0.009	340.00	0.026
810.00	-0.029	570.00	-0.019	330.00	0.031
800.00	-0.030	560.00	-0.021	320.00	0.035
790.00	-0.028	550.00	-0.018	310.00	0.036
780.00	-0.027	540.00	-0.015	300.00	0.041
770.00	-0.028	530.00	-0.014	290.00	0.045
760.00	-0.028	520.00	-0.012	280.00	0.053
750.00	-0.027	510.00	-0.009	270.00	0.056
740.00	-0.028	500.00	-0.007	260.00	0.063
730.00	-0.027	490.00	-0.006	250.00	0.066
720.00	-0.028	480.00	-0.005	240.00	0.070
710.00	-0.028	470.00	-0.003	230.00	0.082
700.00	-0.029	460.00	-0.001	220.00	0.100
690.00	-0.027	450.00	-0.001	210.00	0.129
680.00	-0.027	440.00	-0.001	200.00	0.149
670.00	-0.025	430.00	-0.002		

Sample Name: Sample 12 Rack 1 Tube 12

Collection Time 11/6/2019 11:59:33 AM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
894.40	-0.009
892.00	-0.032
886.40	-0.013
883.20	-0.019
881.60	-0.021
876.80	-0.022
580.00	-0.004

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.023	660.00	-0.024	420.00	0.033
890.00	-0.030	650.00	-0.022	410.00	0.043
880.00	-0.023	640.00	-0.023	400.00	0.052
870.00	-0.029	630.00	-0.025	390.00	0.057
860.00	-0.031	620.00	-0.024	380.00	0.070
850.00	-0.027	610.00	-0.020	370.00	0.089
840.00	-0.026	600.00	-0.019	360.00	0.101
830.00	-0.028	590.00	-0.015	350.00	0.121
820.00	-0.026	580.00	-0.004	340.00	0.151
810.00	-0.028	570.00	-0.015	330.00	0.172
800.00	-0.028	560.00	-0.016	320.00	0.195
790.00	-0.029	550.00	-0.011	310.00	0.222
780.00	-0.026	540.00	-0.008	300.00	0.252
770.00	-0.027	530.00	-0.006	290.00	0.285
760.00	-0.027	520.00	-0.004	280.00	0.322
750.00	-0.027	510.00	0.001	270.00	0.360
740.00	-0.027	500.00	0.004	260.00	0.396
730.00	-0.027	490.00	0.006	250.00	0.425
720.00	-0.027	480.00	0.009	240.00	0.466
710.00	-0.027	470.00	0.013	230.00	0.527
700.00	-0.026	460.00	0.016	220.00	0.595
690.00	-0.026	450.00	0.020	210.00	0.677
680.00	-0.026	440.00	0.023	200.00	0.740
670.00	-0.022	430.00	0.026		

Sample Name: Sample 13 Rack 1 Tube 13

Collection Time 11/6/2019 12:02:46 PM

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

Wavelength (nm)	Abs
896.00	-0.024
894.40	-0.016
892.00	-0.014
889.60	-0.016
886.40	-0.011
881.60	-0.011
876.80	-0.022
580.00	-0.007
364.80	0.023
354.40	0.032

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.003	660.00	-0.025	420.00	0.004
890.00	-0.023	650.00	-0.024	410.00	0.009
880.00	-0.025	640.00	-0.025	400.00	0.011
870.00	-0.034	630.00	-0.027	390.00	0.010
860.00	-0.028	620.00	-0.028	380.00	0.015
850.00	-0.030	610.00	-0.022	370.00	0.018
840.00	-0.030	600.00	-0.022	360.00	0.022
830.00	-0.030	590.00	-0.018	350.00	0.018
820.00	-0.029	580.00	-0.007	340.00	0.037
810.00	-0.028	570.00	-0.019	330.00	0.044
800.00	-0.029	560.00	-0.022	320.00	0.048
790.00	-0.028	550.00	-0.016	310.00	0.056

780.00	-0.025	540.00	-0.013	300.00	0.065
770.00	-0.027	530.00	-0.011	290.00	0.071
760.00	-0.027	520.00	-0.009	280.00	0.080
750.00	-0.028	510.00	-0.005	270.00	0.088
740.00	-0.028	500.00	-0.005	260.00	0.097
730.00	-0.027	490.00	-0.004	250.00	0.103
720.00	-0.026	480.00	-0.002	240.00	0.114
710.00	-0.027	470.00	0.000	230.00	0.147
700.00	-0.028	460.00	0.003	220.00	0.236
690.00	-0.027	450.00	0.004	210.00	0.374
680.00	-0.026	440.00	0.003	200.00	0.443
670.00	-0.024	430.00	0.003		

Sample Name: Sample 14 Rack 1 Tube 14

Collection Time 11/6/2019 12:06:00 PM

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

Wavelength (nm)	Abs
896.80	-0.039
893.60	-0.013
891.20	-0.009
886.40	-0.014
881.60	-0.012
876.00	-0.024
874.40	-0.021
872.80	-0.018
864.80	-0.021
848.80	-0.021
582.40	-0.003

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.031	660.00	-0.023	420.00	0.027
890.00	-0.029	650.00	-0.021	410.00	0.037
880.00	-0.017	640.00	-0.022	400.00	0.043
870.00	-0.029	630.00	-0.023	390.00	0.049
860.00	-0.029	620.00	-0.023	380.00	0.059
850.00	-0.027	610.00	-0.019	370.00	0.074
840.00	-0.029	600.00	-0.018	360.00	0.087
830.00	-0.028	590.00	-0.013	350.00	0.098
820.00	-0.030	580.00	-0.003	340.00	0.126
810.00	-0.028	570.00	-0.014	330.00	0.144
800.00	-0.028	560.00	-0.016	320.00	0.165
790.00	-0.028	550.00	-0.012	310.00	0.187
780.00	-0.027	540.00	-0.008	300.00	0.213
770.00	-0.027	530.00	-0.006	290.00	0.239
760.00	-0.028	520.00	-0.002	280.00	0.272
750.00	-0.027	510.00	0.002	270.00	0.305
740.00	-0.027	500.00	0.004	260.00	0.337
730.00	-0.026	490.00	0.006	250.00	0.361
720.00	-0.027	480.00	0.009	240.00	0.394
710.00	-0.026	470.00	0.012	230.00	0.448
700.00	-0.026	460.00	0.015	220.00	0.511
690.00	-0.025	450.00	0.018	210.00	0.586
680.00	-0.025	440.00	0.019	200.00	0.637
670.00	-0.023	430.00	0.022		

Sample Name: Sample 15 Rack 1 Tube 15

Collection Time 11/6/2019 12:09:14 PM

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

Wavelength (nm)	Abs
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898.40	-0.014
894.40	-0.014
889.60	-0.022
886.40	-0.017
881.60	-0.019
876.80	-0.025
872.80	-0.026
580.00	-0.006
362.40	0.021
351.20	0.027

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.023	660.00	-0.026	420.00	0.003
890.00	-0.026	650.00	-0.024	410.00	0.007
880.00	-0.031	640.00	-0.025	400.00	0.008
870.00	-0.032	630.00	-0.027	390.00	0.007
860.00	-0.030	620.00	-0.026	380.00	0.013
850.00	-0.031	610.00	-0.022	370.00	0.014
840.00	-0.028	600.00	-0.021	360.00	0.017
830.00	-0.030	590.00	-0.018	350.00	0.017
820.00	-0.028	580.00	-0.006	340.00	0.037
810.00	-0.029	570.00	-0.019	330.00	0.041
800.00	-0.029	560.00	-0.020	320.00	0.047
790.00	-0.029	550.00	-0.016	310.00	0.050
780.00	-0.028	540.00	-0.013	300.00	0.056
770.00	-0.027	530.00	-0.012	290.00	0.062
760.00	-0.029	520.00	-0.009	280.00	0.073
750.00	-0.028	510.00	-0.005	270.00	0.078
740.00	-0.029	500.00	-0.004	260.00	0.088
730.00	-0.028	490.00	-0.004	250.00	0.092
720.00	-0.028	480.00	-0.003	240.00	0.099
710.00	-0.028	470.00	-0.001	230.00	0.117
700.00	-0.028	460.00	0.001	220.00	0.150
690.00	-0.026	450.00	0.001	210.00	0.200
680.00	-0.028	440.00	0.003	200.00	0.232
670.00	-0.025	430.00	0.002		

Sample Name: Sample 16 Rack 1 Tube 16

Collection Time 11/6/2019 12:12:26 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
893.60	-0.016
892.00	-0.026
888.00	-0.023
883.20	-0.022
881.60	-0.013
871.20	-0.026
861.60	-0.024
580.00	-0.006
363.20	0.072
351.20	0.089

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.038	660.00	-0.026	420.00	0.022
890.00	-0.041	650.00	-0.025	410.00	0.030
880.00	-0.027	640.00	-0.025	400.00	0.034
870.00	-0.032	630.00	-0.027	390.00	0.039
860.00	-0.032	620.00	-0.027	380.00	0.047
850.00	-0.031	610.00	-0.022	370.00	0.057
840.00	-0.028	600.00	-0.021	360.00	0.066
830.00	-0.029	590.00	-0.017	350.00	0.074
820.00	-0.033	580.00	-0.006	340.00	0.110
810.00	-0.028	570.00	-0.016	330.00	0.127
800.00	-0.030	560.00	-0.019	320.00	0.144

790.00	-0.030	550.00	-0.014	310.00	0.163
780.00	-0.028	540.00	-0.011	300.00	0.188
770.00	-0.029	530.00	-0.009	290.00	0.214
760.00	-0.030	520.00	-0.006	280.00	0.248
750.00	-0.028	510.00	-0.003	270.00	0.279
740.00	-0.029	500.00	-0.001	260.00	0.307
730.00	-0.028	490.00	0.001	250.00	0.329
720.00	-0.027	480.00	0.003	240.00	0.362
710.00	-0.027	470.00	0.007	230.00	0.417
700.00	-0.029	460.00	0.011	220.00	0.491
690.00	-0.027	450.00	0.014	210.00	0.587
680.00	-0.027	440.00	0.015	200.00	0.648
670.00	-0.025	430.00	0.018		

Sample Name: Sample 17 Rack 1 Tube 17

Collection Time 11/6/2019 12:15:38 PM

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

Wavelength (nm)	Abs
899.20	-0.012
896.80	-0.022
894.40	-0.026
891.20	-0.022
889.60	-0.022
888.00	-0.022
881.60	-0.017
876.00	-0.025
874.40	-0.025
864.80	-0.022
581.60	-0.009

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.033	660.00	-0.028	420.00	0.007
890.00	-0.028	650.00	-0.026	410.00	0.013
880.00	-0.027	640.00	-0.026	400.00	0.016
870.00	-0.035	630.00	-0.028	390.00	0.017
860.00	-0.035	620.00	-0.029	380.00	0.021
850.00	-0.030	610.00	-0.025	370.00	0.028
840.00	-0.028	600.00	-0.024	360.00	0.035
830.00	-0.030	590.00	-0.020	350.00	0.039
820.00	-0.032	580.00	-0.010	340.00	0.060
810.00	-0.031	570.00	-0.021	330.00	0.069
800.00	-0.031	560.00	-0.023	320.00	0.076
790.00	-0.032	550.00	-0.018	310.00	0.088
780.00	-0.030	540.00	-0.016	300.00	0.100
770.00	-0.032	530.00	-0.014	290.00	0.109
760.00	-0.032	520.00	-0.012	280.00	0.126
750.00	-0.031	510.00	-0.009	270.00	0.140
740.00	-0.031	500.00	-0.007	260.00	0.156
730.00	-0.030	490.00	-0.006	250.00	0.167
720.00	-0.030	480.00	-0.005	240.00	0.184
710.00	-0.030	470.00	-0.003	230.00	0.213
700.00	-0.031	460.00	-0.001	220.00	0.264
690.00	-0.029	450.00	0.002	210.00	0.331
680.00	-0.029	440.00	0.002	200.00	0.377
670.00	-0.026	430.00	0.004		

Sample Name: Sample 18 Rack 1 Tube 18

Collection Time 11/6/2019 12:18:50 PM

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

Wavelength (nm) Abs

896.80	-0.015
893.60	-0.020
892.00	-0.018
889.60	-0.013
888.00	-0.010
883.20	-0.020
881.60	-0.021
871.20	-0.021
864.80	-0.025
861.60	-0.022
852.00	-0.025
580.80	-0.005
352.00	0.089

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.013	660.00	-0.026	420.00	0.023
890.00	-0.017	650.00	-0.025	410.00	0.032
880.00	-0.025	640.00	-0.025	400.00	0.037
870.00	-0.031	630.00	-0.027	390.00	0.042
860.00	-0.030	620.00	-0.026	380.00	0.049
850.00	-0.031	610.00	-0.022	370.00	0.063
840.00	-0.028	600.00	-0.021	360.00	0.070
830.00	-0.033	590.00	-0.016	350.00	0.077
820.00	-0.034	580.00	-0.005	340.00	0.112
810.00	-0.031	570.00	-0.017	330.00	0.129
800.00	-0.031	560.00	-0.019	320.00	0.145
790.00	-0.030	550.00	-0.014	310.00	0.164
780.00	-0.029	540.00	-0.011	300.00	0.187
770.00	-0.029	530.00	-0.009	290.00	0.206
760.00	-0.029	520.00	-0.006	280.00	0.238
750.00	-0.029	510.00	-0.002	270.00	0.265
740.00	-0.030	500.00	0.000	260.00	0.294
730.00	-0.028	490.00	0.003	250.00	0.312
720.00	-0.029	480.00	0.004	240.00	0.341
710.00	-0.029	470.00	0.007	230.00	0.387
700.00	-0.031	460.00	0.012	220.00	0.448
690.00	-0.028	450.00	0.014	210.00	0.520
680.00	-0.028	440.00	0.017	200.00	0.567
670.00	-0.025	430.00	0.020		

Sample Name: Sample 19 Rack 1 Tube 19

Collection Time 11/6/2019 12:22:03 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.010
895.20	-0.019
889.60	-0.012
888.00	-0.024
886.40	-0.024
883.20	-0.019
881.60	-0.005
876.00	-0.025
872.00	-0.025
853.60	-0.026
580.00	-0.008
361.60	0.027
352.80	0.037

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	0.006
890.00	-0.024	650.00	-0.027	410.00	0.011
880.00	-0.026	640.00	-0.026	400.00	0.015
870.00	-0.029	630.00	-0.029	390.00	0.013

860.00	-0.031	620.00	-0.028	380.00	0.015
850.00	-0.031	610.00	-0.024	370.00	0.024
840.00	-0.030	600.00	-0.024	360.00	0.025
830.00	-0.033	590.00	-0.020	350.00	0.023
820.00	-0.034	580.00	-0.008	340.00	0.049
810.00	-0.030	570.00	-0.020	330.00	0.057
800.00	-0.030	560.00	-0.023	320.00	0.065
790.00	-0.032	550.00	-0.019	310.00	0.072
780.00	-0.029	540.00	-0.016	300.00	0.078
770.00	-0.030	530.00	-0.013	290.00	0.086
760.00	-0.031	520.00	-0.011	280.00	0.099
750.00	-0.030	510.00	-0.008	270.00	0.108
740.00	-0.029	500.00	-0.007	260.00	0.121
730.00	-0.028	490.00	-0.005	250.00	0.129
720.00	-0.030	480.00	-0.004	240.00	0.140
710.00	-0.029	470.00	-0.002	230.00	0.159
700.00	-0.030	460.00	0.000	220.00	0.186
690.00	-0.029	450.00	0.001	210.00	0.219
680.00	-0.028	440.00	0.002	200.00	0.245
670.00	-0.026	430.00	0.004		

Sample Name: Sample 20 Rack 1 Tube 20

Collection Time 11/6/2019 12:25:15 PM

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

Wavelength (nm)	Abs
896.00	-0.009
893.60	-0.017
890.40	-0.019
886.40	-0.011
883.20	-0.026
880.00	-0.022
876.00	-0.025
871.20	-0.021
863.20	-0.028
853.60	-0.023
580.00	-0.010
368.00	0.006
351.20	0.009

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.001	660.00	-0.029	420.00	-0.003
890.00	-0.021	650.00	-0.028	410.00	0.000
880.00	-0.022	640.00	-0.028	400.00	-0.001
870.00	-0.031	630.00	-0.031	390.00	-0.002
860.00	-0.033	620.00	-0.032	380.00	-0.001
850.00	-0.032	610.00	-0.026	370.00	0.001
840.00	-0.031	600.00	-0.026	360.00	0.002
830.00	-0.032	590.00	-0.021	350.00	-0.004
820.00	-0.032	580.00	-0.010	340.00	0.021
810.00	-0.032	570.00	-0.023	330.00	0.022
800.00	-0.033	560.00	-0.025	320.00	0.021
790.00	-0.029	550.00	-0.021	310.00	0.022
780.00	-0.030	540.00	-0.018	300.00	0.024
770.00	-0.030	530.00	-0.017	290.00	0.023
760.00	-0.031	520.00	-0.014	280.00	0.026
750.00	-0.031	510.00	-0.013	270.00	0.026
740.00	-0.031	500.00	-0.012	260.00	0.028
730.00	-0.029	490.00	-0.009	250.00	0.029
720.00	-0.031	480.00	-0.008	240.00	0.031
710.00	-0.030	470.00	-0.005	230.00	0.033
700.00	-0.030	460.00	-0.005	220.00	0.036
690.00	-0.029	450.00	-0.002	210.00	0.042
680.00	-0.030	440.00	-0.002	200.00	0.045
670.00	-0.027	430.00	-0.004		

Sample Name: Sample 21 Rack 1 Tube 21

Collection Time 11/6/2019 12:28:25 PM

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

Wavelength (nm)	Abs
899.20	-0.001
896.80	-0.013
894.40	-0.017
888.80	-0.014
886.40	-0.022
883.20	-0.018
876.00	-0.019
872.80	-0.021
864.80	-0.024
580.00	-0.006

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.013	660.00	-0.026	420.00	0.018
890.00	-0.025	650.00	-0.025	410.00	0.025
880.00	-0.024	640.00	-0.025	400.00	0.031
870.00	-0.033	630.00	-0.027	390.00	0.033
860.00	-0.033	620.00	-0.027	380.00	0.040
850.00	-0.031	610.00	-0.022	370.00	0.051
840.00	-0.030	600.00	-0.021	360.00	0.061
830.00	-0.031	590.00	-0.017	350.00	0.073
820.00	-0.029	580.00	-0.006	340.00	0.098
810.00	-0.029	570.00	-0.018	330.00	0.111
800.00	-0.029	560.00	-0.019	320.00	0.126
790.00	-0.030	550.00	-0.014	310.00	0.140
780.00	-0.029	540.00	-0.012	300.00	0.159
770.00	-0.027	530.00	-0.009	290.00	0.180
760.00	-0.029	520.00	-0.007	280.00	0.205
750.00	-0.029	510.00	-0.004	270.00	0.229
740.00	-0.028	500.00	-0.002	260.00	0.253
730.00	-0.028	490.00	-0.002	250.00	0.270
720.00	-0.029	480.00	0.002	240.00	0.296
710.00	-0.029	470.00	0.004	230.00	0.334
700.00	-0.029	460.00	0.008	220.00	0.376
690.00	-0.027	450.00	0.010	210.00	0.425
680.00	-0.027	440.00	0.012	200.00	0.460
670.00	-0.025	430.00	0.013		

Sample Name: Sample 22 Rack 1 Tube 22

Collection Time 11/6/2019 12:31:38 PM

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

Wavelength (nm)	Abs
896.00	-0.018
889.60	-0.020
886.40	-0.018
883.20	-0.017
876.00	-0.024
872.80	-0.024
856.00	-0.022
853.60	-0.023
580.00	-0.008

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.017	660.00	-0.026	420.00	0.012
890.00	-0.028	650.00	-0.026	410.00	0.020

880.00	-0.024	640.00	-0.026	400.00	0.024
870.00	-0.035	630.00	-0.029	390.00	0.026
860.00	-0.032	620.00	-0.029	380.00	0.030
850.00	-0.032	610.00	-0.024	370.00	0.039
840.00	-0.030	600.00	-0.024	360.00	0.046
830.00	-0.032	590.00	-0.020	350.00	0.052
820.00	-0.031	580.00	-0.008	340.00	0.071
810.00	-0.028	570.00	-0.020	330.00	0.082
800.00	-0.029	560.00	-0.021	320.00	0.095
790.00	-0.029	550.00	-0.016	310.00	0.105
780.00	-0.029	540.00	-0.014	300.00	0.119
770.00	-0.029	530.00	-0.011	290.00	0.129
760.00	-0.029	520.00	-0.008	280.00	0.149
750.00	-0.029	510.00	-0.006	270.00	0.165
740.00	-0.029	500.00	-0.004	260.00	0.185
730.00	-0.028	490.00	-0.002	250.00	0.196
720.00	-0.029	480.00	-0.001	240.00	0.212
710.00	-0.029	470.00	0.001	230.00	0.240
700.00	-0.029	460.00	0.005	220.00	0.272
690.00	-0.028	450.00	0.006	210.00	0.313
680.00	-0.028	440.00	0.008	200.00	0.340
670.00	-0.025	430.00	0.008		

Sample Name: Sample 23 Rack 1 Tube 23

Collection Time 11/6/2019 12:34:51 PM

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

Wavelength (nm)	Abs
896.80	-0.027
893.60	-0.019
889.60	-0.017
885.60	-0.020
880.80	-0.015
878.40	-0.026
876.80	-0.027
874.40	-0.031
872.80	-0.021
864.80	-0.024
580.00	-0.008
361.60	0.032
351.20	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	0.006
890.00	-0.028	650.00	-0.027	410.00	0.012
880.00	-0.029	640.00	-0.026	400.00	0.015
870.00	-0.035	630.00	-0.029	390.00	0.014
860.00	-0.031	620.00	-0.029	380.00	0.019
850.00	-0.030	610.00	-0.024	370.00	0.025
840.00	-0.028	600.00	-0.024	360.00	0.032
830.00	-0.032	590.00	-0.019	350.00	0.032
820.00	-0.032	580.00	-0.008	340.00	0.057
810.00	-0.029	570.00	-0.021	330.00	0.064
800.00	-0.031	560.00	-0.023	320.00	0.075
790.00	-0.030	550.00	-0.018	310.00	0.082
780.00	-0.029	540.00	-0.016	300.00	0.090
770.00	-0.029	530.00	-0.015	290.00	0.103
760.00	-0.029	520.00	-0.012	280.00	0.115
750.00	-0.030	510.00	-0.010	270.00	0.126
740.00	-0.031	500.00	-0.008	260.00	0.141
730.00	-0.030	490.00	-0.006	250.00	0.150
720.00	-0.030	480.00	-0.005	240.00	0.165
710.00	-0.030	470.00	-0.003	230.00	0.188
700.00	-0.031	460.00	0.000	220.00	0.222
690.00	-0.029	450.00	0.002	210.00	0.264
680.00	-0.029	440.00	0.003	200.00	0.290
670.00	-0.027	430.00	0.004		

Sample Name: Sample 24 Rack 1 Tube 24

Collection Time 11/6/2019 12:38:02 PM

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

Wavelength (nm)	Abs
896.00	-0.016
894.40	-0.020
889.60	-0.024
888.00	-0.020
886.40	-0.010
881.60	-0.012
872.80	-0.025
581.60	-0.002
360.00	0.142

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.003	660.00	-0.024	420.00	0.047
890.00	-0.027	650.00	-0.023	410.00	0.061
880.00	-0.029	640.00	-0.024	400.00	0.072
870.00	-0.031	630.00	-0.026	390.00	0.082
860.00	-0.032	620.00	-0.025	380.00	0.100
850.00	-0.029	610.00	-0.019	370.00	0.122
840.00	-0.031	600.00	-0.018	360.00	0.142
830.00	-0.030	590.00	-0.014	350.00	0.172
820.00	-0.032	580.00	-0.003	340.00	0.217
810.00	-0.028	570.00	-0.014	330.00	0.248
800.00	-0.030	560.00	-0.017	320.00	0.285
790.00	-0.029	550.00	-0.011	310.00	0.325
780.00	-0.028	540.00	-0.006	300.00	0.367
770.00	-0.029	530.00	-0.004	290.00	0.415
760.00	-0.029	520.00	-0.001	280.00	0.472
750.00	-0.028	510.00	0.003	270.00	0.522
740.00	-0.029	500.00	0.006	260.00	0.574
730.00	-0.028	490.00	0.010	250.00	0.617
720.00	-0.028	480.00	0.015	240.00	0.685
710.00	-0.028	470.00	0.019	230.00	0.786
700.00	-0.028	460.00	0.025	220.00	0.903
690.00	-0.026	450.00	0.029	210.00	1.055
680.00	-0.027	440.00	0.034	200.00	1.147
670.00	-0.024	430.00	0.038		

Sample Name: Sample 25 Rack 1 Tube 25

Collection Time 11/6/2019 12:41:15 PM

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

Wavelength (nm)	Abs
896.80	-0.029
894.40	-0.015
889.60	-0.030
886.40	-0.015
881.60	-0.021
876.00	-0.019
871.20	-0.023
864.00	-0.026
848.80	-0.026
580.00	-0.010
365.60	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	-0.026	660.00	-0.027	420.00	-0.002
890.00	-0.035	650.00	-0.026	410.00	0.002
880.00	-0.027	640.00	-0.028	400.00	0.004
870.00	-0.032	630.00	-0.030	390.00	0.001
860.00	-0.028	620.00	-0.030	380.00	0.002
850.00	-0.030	610.00	-0.025	370.00	0.003
840.00	-0.033	600.00	-0.024	360.00	0.001
830.00	-0.030	590.00	-0.020	350.00	0.003
820.00	-0.035	580.00	-0.010	340.00	0.023
810.00	-0.031	570.00	-0.022	330.00	0.026
800.00	-0.030	560.00	-0.025	320.00	0.027
790.00	-0.030	550.00	-0.020	310.00	0.029
780.00	-0.030	540.00	-0.017	300.00	0.029
770.00	-0.031	530.00	-0.016	290.00	0.031
760.00	-0.031	520.00	-0.015	280.00	0.033
750.00	-0.030	510.00	-0.012	270.00	0.033
740.00	-0.031	500.00	-0.010	260.00	0.036
730.00	-0.030	490.00	-0.008	250.00	0.039
720.00	-0.031	480.00	-0.006	240.00	0.042
710.00	-0.030	470.00	-0.004	230.00	0.062
700.00	-0.030	460.00	-0.003	220.00	0.123
690.00	-0.029	450.00	-0.001	210.00	0.213
680.00	-0.029	440.00	-0.002	200.00	0.254
670.00	-0.027	430.00	-0.001		

Sample Name: Sample 26 Rack 1 Tube 26

Collection Time 11/6/2019 12:44:30 PM

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

Wavelength (nm)	Abs
898.40	-0.006
893.60	-0.013
887.20	-0.020
883.20	-0.029
881.60	-0.014
876.80	-0.025
871.20	-0.024
868.80	-0.025
856.00	-0.025
852.00	-0.025
839.20	-0.024
581.60	-0.006
360.00	0.044
351.20	0.052

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.036	660.00	-0.026	420.00	0.010
890.00	-0.030	650.00	-0.026	410.00	0.017
880.00	-0.026	640.00	-0.025	400.00	0.022
870.00	-0.034	630.00	-0.028	390.00	0.022
860.00	-0.032	620.00	-0.028	380.00	0.027
850.00	-0.032	610.00	-0.022	370.00	0.037
840.00	-0.029	600.00	-0.021	360.00	0.044
830.00	-0.031	590.00	-0.018	350.00	0.043
820.00	-0.032	580.00	-0.007	340.00	0.070
810.00	-0.029	570.00	-0.018	330.00	0.081
800.00	-0.032	560.00	-0.020	320.00	0.091
790.00	-0.030	550.00	-0.016	310.00	0.100
780.00	-0.029	540.00	-0.014	300.00	0.112
770.00	-0.029	530.00	-0.011	290.00	0.124
760.00	-0.030	520.00	-0.009	280.00	0.142
750.00	-0.028	510.00	-0.006	270.00	0.159
740.00	-0.029	500.00	-0.004	260.00	0.177
730.00	-0.028	490.00	-0.003	250.00	0.189
720.00	-0.028	480.00	-0.001	240.00	0.208
710.00	-0.028	470.00	0.001	230.00	0.235
700.00	-0.028	460.00	0.005	220.00	0.272
690.00	-0.027	450.00	0.005	210.00	0.318

680.00	-0.028	440.00	0.009	200.00	0.349
670.00	-0.026	430.00	0.008		

Sample Name: Sample 27 Rack 1 Tube 27

Collection Time 11/6/2019 12:47:44 PM

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

Wavelength (nm)	Abs
896.00	-0.031
893.60	-0.020
889.60	-0.011
888.00	-0.022
883.20	-0.015
881.60	-0.007
871.20	-0.025
861.60	-0.025
852.00	-0.027
581.60	-0.005
361.60	0.079
354.40	0.096

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.000	660.00	-0.026	420.00	0.023
890.00	-0.018	650.00	-0.025	410.00	0.032
880.00	-0.028	640.00	-0.025	400.00	0.038
870.00	-0.031	630.00	-0.029	390.00	0.043
860.00	-0.031	620.00	-0.028	380.00	0.052
850.00	-0.032	610.00	-0.022	370.00	0.063
840.00	-0.032	600.00	-0.022	360.00	0.076
830.00	-0.033	590.00	-0.017	350.00	0.085
820.00	-0.029	580.00	-0.006	340.00	0.122
810.00	-0.029	570.00	-0.017	330.00	0.139
800.00	-0.033	560.00	-0.018	320.00	0.155
790.00	-0.031	550.00	-0.014	310.00	0.178
780.00	-0.029	540.00	-0.010	300.00	0.200
770.00	-0.028	530.00	-0.009	290.00	0.226
760.00	-0.031	520.00	-0.006	280.00	0.255
750.00	-0.029	510.00	-0.003	270.00	0.286
740.00	-0.030	500.00	-0.001	260.00	0.315
730.00	-0.029	490.00	0.002	250.00	0.338
720.00	-0.029	480.00	0.005	240.00	0.369
710.00	-0.030	470.00	0.008	230.00	0.416
700.00	-0.030	460.00	0.011	220.00	0.463
690.00	-0.028	450.00	0.013	210.00	0.523
680.00	-0.028	440.00	0.017	200.00	0.562
670.00	-0.026	430.00	0.019		

Sample Name: Sample 28 Rack 1 Tube 28

Collection Time 11/6/2019 12:50:56 PM

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

Wavelength (nm)	Abs
896.00	-0.024
894.40	-0.010
889.60	-0.009
886.40	-0.015
880.00	-0.019
876.00	-0.021
874.40	-0.029
872.80	-0.022
865.60	-0.027

580.80 -0.008
362.40 0.031

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.021	660.00	-0.028	420.00	0.004
890.00	-0.018	650.00	-0.027	410.00	0.010
880.00	-0.019	640.00	-0.028	400.00	0.014
870.00	-0.036	630.00	-0.030	390.00	0.014
860.00	-0.029	620.00	-0.031	380.00	0.017
850.00	-0.030	610.00	-0.024	370.00	0.027
840.00	-0.031	600.00	-0.024	360.00	0.031
830.00	-0.031	590.00	-0.019	350.00	0.035
820.00	-0.032	580.00	-0.008	340.00	0.062
810.00	-0.029	570.00	-0.021	330.00	0.070
800.00	-0.032	560.00	-0.023	320.00	0.078
790.00	-0.029	550.00	-0.018	310.00	0.089
780.00	-0.029	540.00	-0.015	300.00	0.099
770.00	-0.031	530.00	-0.014	290.00	0.112
760.00	-0.032	520.00	-0.013	280.00	0.128
750.00	-0.031	510.00	-0.008	270.00	0.144
740.00	-0.031	500.00	-0.007	260.00	0.162
730.00	-0.029	490.00	-0.005	250.00	0.172
720.00	-0.030	480.00	-0.003	240.00	0.187
710.00	-0.031	470.00	-0.002	230.00	0.216
700.00	-0.031	460.00	0.002	220.00	0.248
690.00	-0.028	450.00	0.002	210.00	0.293
680.00	-0.029	440.00	0.003	200.00	0.327
670.00	-0.027	430.00	0.001		

Sample Name: Sample 29 Rack 1 Tube 29

Collection Time 11/6/2019 12:54:10 PM

Peak Table
Peak Style
Peak Threshold
Range

Peaks
0.0100
900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	-0.020
893.60	-0.021
889.60	-0.012
886.40	-0.018
880.00	-0.023
874.40	-0.025
872.00	-0.022
868.80	-0.024
864.80	-0.022
580.80	-0.008
361.60	0.035
354.40	0.044

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.022	660.00	-0.027	420.00	0.009
890.00	-0.022	650.00	-0.026	410.00	0.013
880.00	-0.023	640.00	-0.026	400.00	0.016
870.00	-0.032	630.00	-0.029	390.00	0.015
860.00	-0.031	620.00	-0.029	380.00	0.021
850.00	-0.031	610.00	-0.023	370.00	0.029
840.00	-0.036	600.00	-0.023	360.00	0.035
830.00	-0.031	590.00	-0.019	350.00	0.036
820.00	-0.031	580.00	-0.009	340.00	0.066
810.00	-0.029	570.00	-0.020	330.00	0.076
800.00	-0.030	560.00	-0.023	320.00	0.086
790.00	-0.030	550.00	-0.018	310.00	0.099
780.00	-0.029	540.00	-0.016	300.00	0.111
770.00	-0.030	530.00	-0.013	290.00	0.125
760.00	-0.029	520.00	-0.011	280.00	0.143
750.00	-0.030	510.00	-0.009	270.00	0.159
740.00	-0.031	500.00	-0.007	260.00	0.178

730.00	-0.029	490.00	-0.006	250.00	0.189
720.00	-0.030	480.00	-0.005	240.00	0.207
710.00	-0.029	470.00	-0.002	230.00	0.237
700.00	-0.029	460.00	0.001	220.00	0.274
690.00	-0.029	450.00	0.003	210.00	0.323
680.00	-0.028	440.00	0.004	200.00	0.358
670.00	-0.026	430.00	0.005		

Sample Name: Sample 30 Rack 1 Tube 30

Collection Time 11/6/2019 12:57:22 PM

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

Wavelength (nm)	Abs
899.20	-0.016
896.80	-0.006
894.40	-0.016
889.60	-0.020
886.40	-0.021
881.60	-0.019
864.80	-0.027
581.60	-0.009
368.00	0.006
354.40	0.008

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.036	660.00	-0.029	420.00	-0.001
890.00	-0.023	650.00	-0.027	410.00	0.002
880.00	-0.024	640.00	-0.027	400.00	0.004
870.00	-0.034	630.00	-0.030	390.00	0.000
860.00	-0.033	620.00	-0.030	380.00	-0.002
850.00	-0.035	610.00	-0.025	370.00	0.004
840.00	-0.031	600.00	-0.025	360.00	0.003
830.00	-0.032	590.00	-0.020	350.00	-0.008
820.00	-0.033	580.00	-0.010	340.00	0.018
810.00	-0.032	570.00	-0.023	330.00	0.022
800.00	-0.034	560.00	-0.024	320.00	0.021
790.00	-0.033	550.00	-0.020	310.00	0.022
780.00	-0.030	540.00	-0.017	300.00	0.023
770.00	-0.030	530.00	-0.015	290.00	0.023
760.00	-0.031	520.00	-0.014	280.00	0.027
750.00	-0.030	510.00	-0.012	270.00	0.027
740.00	-0.030	500.00	-0.011	260.00	0.030
730.00	-0.030	490.00	-0.011	250.00	0.029
720.00	-0.030	480.00	-0.009	240.00	0.030
710.00	-0.030	470.00	-0.006	230.00	0.035
700.00	-0.032	460.00	-0.004	220.00	0.037
690.00	-0.029	450.00	-0.003	210.00	0.039
680.00	-0.030	440.00	-0.002	200.00	0.042
670.00	-0.028	430.00	-0.002		

Sample Name: Sample 31 Rack 1 Tube 31

Collection Time 11/6/2019 1:00:34 PM

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

Wavelength (nm)	Abs
896.80	-0.025
893.60	-0.021
888.80	-0.016
886.40	-0.009
880.80	-0.012
872.80	-0.021

871.20	-0.023
861.60	-0.025
580.00	-0.009
364.00	0.023
353.60	0.032

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.032	660.00	-0.028	420.00	0.002
890.00	-0.027	650.00	-0.026	410.00	0.006
880.00	-0.032	640.00	-0.027	400.00	0.009
870.00	-0.034	630.00	-0.029	390.00	0.007
860.00	-0.031	620.00	-0.030	380.00	0.010
850.00	-0.030	610.00	-0.024	370.00	0.015
840.00	-0.032	600.00	-0.024	360.00	0.019
830.00	-0.032	590.00	-0.020	350.00	0.024
820.00	-0.029	580.00	-0.009	340.00	0.047
810.00	-0.030	570.00	-0.021	330.00	0.054
800.00	-0.032	560.00	-0.024	320.00	0.063
790.00	-0.031	550.00	-0.020	310.00	0.067
780.00	-0.030	540.00	-0.017	300.00	0.078
770.00	-0.030	530.00	-0.015	290.00	0.084
760.00	-0.031	520.00	-0.012	280.00	0.097
750.00	-0.031	510.00	-0.009	270.00	0.108
740.00	-0.030	500.00	-0.007	260.00	0.121
730.00	-0.029	490.00	-0.006	250.00	0.128
720.00	-0.029	480.00	-0.004	240.00	0.140
710.00	-0.030	470.00	-0.003	230.00	0.160
700.00	-0.031	460.00	-0.002	220.00	0.184
690.00	-0.029	450.00	0.000	210.00	0.212
680.00	-0.029	440.00	-0.001	200.00	0.238
670.00	-0.027	430.00	0.000		

Sample Name: Sample 32 Rack 1 Tube 32

Collection Time 11/6/2019 1:03:46 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.009
896.80	-0.023
894.40	-0.015
891.20	-0.015
889.60	-0.004
886.40	-0.015
881.60	-0.023
878.40	-0.025
872.80	-0.023
856.00	-0.024
853.60	-0.023
581.60	-0.005
362.40	0.067

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	0.022
890.00	-0.015	650.00	-0.025	410.00	0.031
880.00	-0.023	640.00	-0.026	400.00	0.037
870.00	-0.031	630.00	-0.027	390.00	0.039
860.00	-0.031	620.00	-0.027	380.00	0.045
850.00	-0.033	610.00	-0.022	370.00	0.057
840.00	-0.031	600.00	-0.021	360.00	0.065
830.00	-0.029	590.00	-0.016	350.00	0.076
820.00	-0.032	580.00	-0.006	340.00	0.107
810.00	-0.031	570.00	-0.018	330.00	0.123
800.00	-0.031	560.00	-0.020	320.00	0.141
790.00	-0.029	550.00	-0.016	310.00	0.160
780.00	-0.030	540.00	-0.013	300.00	0.182

770.00	-0.030	530.00	-0.010	290.00	0.201
760.00	-0.029	520.00	-0.007	280.00	0.230
750.00	-0.029	510.00	-0.003	270.00	0.258
740.00	-0.029	500.00	-0.001	260.00	0.286
730.00	-0.028	490.00	0.001	250.00	0.306
720.00	-0.029	480.00	0.003	240.00	0.337
710.00	-0.028	470.00	0.006	230.00	0.383
700.00	-0.029	460.00	0.011	220.00	0.440
690.00	-0.028	450.00	0.012	210.00	0.510
680.00	-0.028	440.00	0.015	200.00	0.552
670.00	-0.025	430.00	0.017		

Sample Name: Sample 33 Rack 1 Tube 33

Collection Time 11/6/2019 1:06:59 PM

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

Wavelength (nm)	Abs
898.40	-0.003
896.80	-0.034
893.60	-0.017
892.00	-0.025
889.60	-0.021
883.20	-0.027
880.80	-0.019
876.00	-0.024
874.40	-0.022
581.60	-0.006
363.20	0.034

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.004	660.00	-0.027	420.00	0.007
890.00	-0.031	650.00	-0.025	410.00	0.014
880.00	-0.035	640.00	-0.026	400.00	0.017
870.00	-0.028	630.00	-0.028	390.00	0.018
860.00	-0.034	620.00	-0.029	380.00	0.019
850.00	-0.030	610.00	-0.023	370.00	0.028
840.00	-0.030	600.00	-0.023	360.00	0.033
830.00	-0.030	590.00	-0.018	350.00	0.035
820.00	-0.032	580.00	-0.007	340.00	0.061
810.00	-0.028	570.00	-0.020	330.00	0.068
800.00	-0.030	560.00	-0.022	320.00	0.078
790.00	-0.029	550.00	-0.017	310.00	0.088
780.00	-0.030	540.00	-0.014	300.00	0.102
770.00	-0.029	530.00	-0.012	290.00	0.111
760.00	-0.029	520.00	-0.010	280.00	0.123
750.00	-0.030	510.00	-0.007	270.00	0.135
740.00	-0.030	500.00	-0.007	260.00	0.146
730.00	-0.029	490.00	-0.005	250.00	0.158
720.00	-0.029	480.00	-0.002	240.00	0.178
710.00	-0.028	470.00	0.001	230.00	0.211
700.00	-0.029	460.00	0.004	220.00	0.271
690.00	-0.029	450.00	0.005	210.00	0.354
680.00	-0.028	440.00	0.007	200.00	0.400
670.00	-0.027	430.00	0.007		

Sample Name: Sample 34 Rack 1 Tube 34

Collection Time 11/6/2019 1:10:12 PM

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

Wavelength (nm)	Abs
896.80	-0.012

893.60	-0.018
890.40	-0.027
888.00	-0.019
881.60	-0.012
876.00	-0.023
871.20	-0.023
864.80	-0.025
580.00	-0.009
363.20	0.019
351.20	0.022

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.018	660.00	-0.029	420.00	-0.001
890.00	-0.032	650.00	-0.027	410.00	0.005
880.00	-0.034	640.00	-0.028	400.00	0.006
870.00	-0.030	630.00	-0.030	390.00	0.004
860.00	-0.030	620.00	-0.030	380.00	0.006
850.00	-0.030	610.00	-0.025	370.00	0.013
840.00	-0.032	600.00	-0.025	360.00	0.015
830.00	-0.031	590.00	-0.021	350.00	0.012
820.00	-0.033	580.00	-0.009	340.00	0.045
810.00	-0.031	570.00	-0.021	330.00	0.050
800.00	-0.032	560.00	-0.024	320.00	0.054
790.00	-0.032	550.00	-0.020	310.00	0.061
780.00	-0.030	540.00	-0.017	300.00	0.064
770.00	-0.031	530.00	-0.016	290.00	0.074
760.00	-0.030	520.00	-0.013	280.00	0.084
750.00	-0.031	510.00	-0.010	270.00	0.089
740.00	-0.031	500.00	-0.010	260.00	0.098
730.00	-0.031	490.00	-0.009	250.00	0.105
720.00	-0.030	480.00	-0.006	240.00	0.116
710.00	-0.032	470.00	-0.004	230.00	0.144
700.00	-0.032	460.00	-0.003	220.00	0.213
690.00	-0.029	450.00	-0.002	210.00	0.319
680.00	-0.029	440.00	0.000	200.00	0.380
670.00	-0.028	430.00	-0.002		

Sample Name: Sample 35 Rack 1 Tube 35

Collection Time 11/6/2019 1:13:25 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.035
896.00	-0.024
894.40	0.001
892.80	-0.036
888.00	-0.018
886.40	-0.012
883.20	-0.018
881.60	-0.011
878.40	-0.027
872.80	-0.022
864.80	-0.027
580.00	-0.011
351.20	0.022

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.039	660.00	-0.028	420.00	-0.002
890.00	-0.034	650.00	-0.027	410.00	0.002
880.00	-0.026	640.00	-0.029	400.00	0.004
870.00	-0.034	630.00	-0.031	390.00	0.003
860.00	-0.029	620.00	-0.031	380.00	0.005
850.00	-0.034	610.00	-0.025	370.00	0.009
840.00	-0.034	600.00	-0.027	360.00	0.012
830.00	-0.033	590.00	-0.022	350.00	0.013

820.00	-0.033	580.00	-0.011	340.00	0.035
810.00	-0.032	570.00	-0.024	330.00	0.041
800.00	-0.032	560.00	-0.027	320.00	0.045
790.00	-0.031	550.00	-0.022	310.00	0.049
780.00	-0.028	540.00	-0.019	300.00	0.054
770.00	-0.031	530.00	-0.017	290.00	0.057
760.00	-0.033	520.00	-0.014	280.00	0.068
750.00	-0.031	510.00	-0.012	270.00	0.069
740.00	-0.032	500.00	-0.011	260.00	0.078
730.00	-0.030	490.00	-0.010	250.00	0.080
720.00	-0.031	480.00	-0.009	240.00	0.089
710.00	-0.032	470.00	-0.007	230.00	0.110
700.00	-0.031	460.00	-0.003	220.00	0.159
690.00	-0.030	450.00	-0.002	210.00	0.233
680.00	-0.029	440.00	-0.001	200.00	0.273
670.00	-0.028	430.00	-0.003		

Sample Name: Sample 36 Rack 1 Tube 36

Collection Time 11/6/2019 1:16:37 PM

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

Wavelength (nm)	Abs
894.40	-0.020
889.60	-0.019
885.60	-0.022
880.80	-0.010
876.00	-0.024
872.80	-0.022
856.00	-0.025
832.80	-0.025
581.60	-0.010
361.60	0.007

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.016	660.00	-0.028	420.00	-0.002
890.00	-0.030	650.00	-0.027	410.00	0.002
880.00	-0.023	640.00	-0.028	400.00	0.002
870.00	-0.035	630.00	-0.031	390.00	-0.001
860.00	-0.031	620.00	-0.030	380.00	-0.002
850.00	-0.031	610.00	-0.025	370.00	0.000
840.00	-0.033	600.00	-0.025	360.00	0.002
830.00	-0.031	590.00	-0.021	350.00	0.007
820.00	-0.032	580.00	-0.011	340.00	0.024
810.00	-0.029	570.00	-0.022	330.00	0.026
800.00	-0.033	560.00	-0.026	320.00	0.029
790.00	-0.031	550.00	-0.020	310.00	0.031
780.00	-0.029	540.00	-0.019	300.00	0.034
770.00	-0.029	530.00	-0.017	290.00	0.034
760.00	-0.030	520.00	-0.015	280.00	0.040
750.00	-0.030	510.00	-0.013	270.00	0.041
740.00	-0.032	500.00	-0.012	260.00	0.046
730.00	-0.029	490.00	-0.011	250.00	0.049
720.00	-0.031	480.00	-0.010	240.00	0.053
710.00	-0.030	470.00	-0.007	230.00	0.070
700.00	-0.030	460.00	-0.004	220.00	0.120
690.00	-0.029	450.00	-0.003	210.00	0.204
680.00	-0.029	440.00	-0.003	200.00	0.253
670.00	-0.027	430.00	-0.004		

Sample Name: Sample 37 Rack 1 Tube 37

Collection Time 11/6/2019 1:19:49 PM

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

Wavelength (nm)	Abs
896.00	-0.012
894.40	-0.011
891.20	-0.024
889.60	-0.012
886.40	-0.019
881.60	-0.014
872.00	-0.021
864.80	-0.028
861.60	-0.023
581.60	-0.008
363.20	0.048
353.60	0.059

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.025	660.00	-0.027	420.00	0.011
890.00	-0.028	650.00	-0.026	410.00	0.019
880.00	-0.025	640.00	-0.027	400.00	0.022
870.00	-0.031	630.00	-0.029	390.00	0.025
860.00	-0.033	620.00	-0.030	380.00	0.032
850.00	-0.031	610.00	-0.023	370.00	0.039
840.00	-0.032	600.00	-0.023	360.00	0.045
830.00	-0.033	590.00	-0.019	350.00	0.049
820.00	-0.031	580.00	-0.009	340.00	0.082
810.00	-0.031	570.00	-0.020	330.00	0.094
800.00	-0.032	560.00	-0.022	320.00	0.108
790.00	-0.032	550.00	-0.017	310.00	0.120
780.00	-0.030	540.00	-0.014	300.00	0.136
770.00	-0.029	530.00	-0.012	290.00	0.152
760.00	-0.032	520.00	-0.010	280.00	0.172
750.00	-0.030	510.00	-0.010	270.00	0.190
740.00	-0.031	500.00	-0.006	260.00	0.209
730.00	-0.030	490.00	-0.004	250.00	0.225
720.00	-0.029	480.00	-0.002	240.00	0.249
710.00	-0.030	470.00	0.000	230.00	0.287
700.00	-0.030	460.00	0.004	220.00	0.342
690.00	-0.029	450.00	0.005	210.00	0.414
680.00	-0.029	440.00	0.007	200.00	0.470
670.00	-0.026	430.00	0.007		

Sample Name: Sample 38 Rack 1 Tube 38

Collection Time 11/6/2019 1:23:01 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	-0.035
894.40	-0.018
890.40	-0.019
886.40	-0.016
883.20	-0.023
881.60	-0.015
878.40	-0.024
876.00	-0.019
874.40	-0.018
861.60	-0.026
581.60	-0.008
363.20	0.049
351.20	0.061

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.019	660.00	-0.028	420.00	0.012
890.00	-0.026	650.00	-0.026	410.00	0.019
880.00	-0.033	640.00	-0.027	400.00	0.024

870.00	-0.033	630.00	-0.030	390.00	0.023
860.00	-0.032	620.00	-0.030	380.00	0.032
850.00	-0.031	610.00	-0.024	370.00	0.040
840.00	-0.033	600.00	-0.023	360.00	0.049
830.00	-0.031	590.00	-0.019	350.00	0.055
820.00	-0.030	580.00	-0.008	340.00	0.088
810.00	-0.030	570.00	-0.021	330.00	0.103
800.00	-0.030	560.00	-0.022	320.00	0.118
790.00	-0.029	550.00	-0.018	310.00	0.134
780.00	-0.029	540.00	-0.015	300.00	0.154
770.00	-0.031	530.00	-0.013	290.00	0.176
760.00	-0.032	520.00	-0.011	280.00	0.200
750.00	-0.029	510.00	-0.008	270.00	0.224
740.00	-0.031	500.00	-0.006	260.00	0.249
730.00	-0.030	490.00	-0.004	250.00	0.274
720.00	-0.030	480.00	-0.001	240.00	0.314
710.00	-0.030	470.00	0.002	230.00	0.428
700.00	-0.030	460.00	0.006	220.00	0.766
690.00	-0.029	450.00	0.007	210.00	1.276
680.00	-0.029	440.00	0.007	200.00	1.536
670.00	-0.026	430.00	0.009		

Sample Name: Sample 39 Rack 1 Tube 39

Collection Time 11/6/2019 1:26:15 PM

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

Wavelength (nm)	Abs
898.40	-0.010
896.80	-0.011
889.60	-0.020
886.40	-0.021
881.60	-0.026
874.40	-0.025
580.00	-0.008
362.40	0.013

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.036	660.00	-0.028	420.00	-0.001
890.00	-0.028	650.00	-0.027	410.00	0.004
880.00	-0.027	640.00	-0.027	400.00	0.005
870.00	-0.033	630.00	-0.030	390.00	0.004
860.00	-0.030	620.00	-0.030	380.00	0.004
850.00	-0.029	610.00	-0.025	370.00	0.010
840.00	-0.030	600.00	-0.025	360.00	0.008
830.00	-0.030	590.00	-0.020	350.00	0.012
820.00	-0.031	580.00	-0.008	340.00	0.035
810.00	-0.030	570.00	-0.021	330.00	0.041
800.00	-0.033	560.00	-0.023	320.00	0.045
790.00	-0.029	550.00	-0.019	310.00	0.051
780.00	-0.028	540.00	-0.016	300.00	0.057
770.00	-0.029	530.00	-0.015	290.00	0.059
760.00	-0.032	520.00	-0.013	280.00	0.069
750.00	-0.030	510.00	-0.011	270.00	0.073
740.00	-0.031	500.00	-0.009	260.00	0.082
730.00	-0.030	490.00	-0.008	250.00	0.086
720.00	-0.030	480.00	-0.006	240.00	0.095
710.00	-0.030	470.00	-0.005	230.00	0.118
700.00	-0.031	460.00	-0.003	220.00	0.175
690.00	-0.029	450.00	-0.004	210.00	0.264
680.00	-0.028	440.00	-0.003	200.00	0.312
670.00	-0.026	430.00	-0.003		

Sample Name: Sample 40 Rack 1 Tube 40

Collection Time 11/6/2019 1:29:27 PM

Peak Table

Peak Style
 Peak Threshold
 Range

Peaks
 0.0100
 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	-0.035
894.40	-0.025
891.20	-0.020
886.40	-0.014
881.60	-0.014
876.00	-0.025
871.20	-0.026
861.60	-0.026
581.60	-0.008
368.00	0.007

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.007	660.00	-0.026	420.00	-0.002
890.00	-0.026	650.00	-0.026	410.00	0.003
880.00	-0.021	640.00	-0.026	400.00	0.004
870.00	-0.034	630.00	-0.029	390.00	-0.001
860.00	-0.026	620.00	-0.029	380.00	-0.001
850.00	-0.031	610.00	-0.025	370.00	0.003
840.00	-0.033	600.00	-0.025	360.00	0.002
830.00	-0.030	590.00	-0.020	350.00	0.001
820.00	-0.029	580.00	-0.009	340.00	0.017
810.00	-0.030	570.00	-0.021	330.00	0.022
800.00	-0.032	560.00	-0.023	320.00	0.022
790.00	-0.030	550.00	-0.019	310.00	0.022
780.00	-0.030	540.00	-0.016	300.00	0.024
770.00	-0.028	530.00	-0.015	290.00	0.025
760.00	-0.031	520.00	-0.013	280.00	0.026
750.00	-0.030	510.00	-0.010	270.00	0.026
740.00	-0.029	500.00	-0.009	260.00	0.028
730.00	-0.027	490.00	-0.006	250.00	0.030
720.00	-0.028	480.00	-0.005	240.00	0.034
710.00	-0.028	470.00	-0.003	230.00	0.037
700.00	-0.028	460.00	-0.001	220.00	0.040
690.00	-0.027	450.00	-0.001	210.00	0.046
680.00	-0.027	440.00	-0.001	200.00	0.047
670.00	-0.025	430.00	-0.001		

Sample Name: Sample 41 Rack 1 Tube 41

Collection Time 11/6/2019 1:32:40 PM

Peak Table
 Peak Style
 Peak Threshold
 Range

Peaks
 0.0100
 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.00	-0.009
889.60	-0.011
883.20	-0.018
881.60	-0.024
876.80	-0.024
874.40	-0.023
864.80	-0.025
581.60	-0.005

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.017	660.00	-0.026	420.00	0.021
890.00	-0.023	650.00	-0.023	410.00	0.030
880.00	-0.025	640.00	-0.025	400.00	0.035
870.00	-0.034	630.00	-0.027	390.00	0.039
860.00	-0.029	620.00	-0.026	380.00	0.048
850.00	-0.029	610.00	-0.021	370.00	0.060
840.00	-0.031	600.00	-0.021	360.00	0.073

830.00	-0.030	590.00	-0.016	350.00	0.083
820.00	-0.032	580.00	-0.005	340.00	0.122
810.00	-0.031	570.00	-0.017	330.00	0.139
800.00	-0.031	560.00	-0.019	320.00	0.156
790.00	-0.029	550.00	-0.013	310.00	0.178
780.00	-0.031	540.00	-0.010	300.00	0.201
770.00	-0.029	530.00	-0.008	290.00	0.228
760.00	-0.031	520.00	-0.005	280.00	0.259
750.00	-0.030	510.00	-0.003	270.00	0.289
740.00	-0.030	500.00	-0.001	260.00	0.324
730.00	-0.028	490.00	0.001	250.00	0.345
720.00	-0.028	480.00	0.003	240.00	0.377
710.00	-0.028	470.00	0.006	230.00	0.429
700.00	-0.029	460.00	0.011	220.00	0.491
690.00	-0.026	450.00	0.013	210.00	0.569
680.00	-0.027	440.00	0.015	200.00	0.626
670.00	-0.025	430.00	0.017		

Sample Name: Sample 42 Rack 1 Tube 42

Collection Time 11/6/2019 1:35:53 PM

Peak Table

Peak Style

Peaks

Peak Threshold

0.0100

Range

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.000
896.00	-0.016
893.60	-0.015
892.00	-0.018
888.00	-0.014
886.40	-0.022
883.20	-0.017
880.80	-0.015
876.00	-0.024
871.20	-0.021
861.60	-0.024
580.80	-0.003
351.20	0.096

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.029	660.00	-0.025	420.00	0.022
890.00	-0.032	650.00	-0.024	410.00	0.031
880.00	-0.031	640.00	-0.025	400.00	0.036
870.00	-0.030	630.00	-0.027	390.00	0.041
860.00	-0.033	620.00	-0.027	380.00	0.050
850.00	-0.030	610.00	-0.021	370.00	0.062
840.00	-0.030	600.00	-0.020	360.00	0.072
830.00	-0.032	590.00	-0.016	350.00	0.079
820.00	-0.032	580.00	-0.003	340.00	0.119
810.00	-0.031	570.00	-0.017	330.00	0.133
800.00	-0.030	560.00	-0.018	320.00	0.150
790.00	-0.031	550.00	-0.013	310.00	0.169
780.00	-0.030	540.00	-0.010	300.00	0.191
770.00	-0.029	530.00	-0.007	290.00	0.213
760.00	-0.031	520.00	-0.004	280.00	0.240
750.00	-0.030	510.00	-0.001	270.00	0.269
740.00	-0.030	500.00	0.001	260.00	0.296
730.00	-0.028	490.00	0.002	250.00	0.314
720.00	-0.029	480.00	0.006	240.00	0.344
710.00	-0.029	470.00	0.008	230.00	0.391
700.00	-0.029	460.00	0.013	220.00	0.447
690.00	-0.028	450.00	0.015	210.00	0.518
680.00	-0.027	440.00	0.018	200.00	0.561
670.00	-0.023	430.00	0.017		

Sample Name: Sample 43 Rack 1 Tube 43

Collection Time 11/6/2019 1:39:05 PM

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

Wavelength (nm)	Abs
896.00	-0.005
893.60	-0.023
889.60	-0.002
883.20	-0.022
881.60	-0.021
876.00	-0.023
874.40	-0.022
580.00	-0.002

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.008	660.00	-0.024	420.00	0.031
890.00	-0.022	650.00	-0.023	410.00	0.042
880.00	-0.024	640.00	-0.024	400.00	0.048
870.00	-0.036	630.00	-0.025	390.00	0.056
860.00	-0.030	620.00	-0.025	380.00	0.068
850.00	-0.032	610.00	-0.019	370.00	0.083
840.00	-0.031	600.00	-0.018	360.00	0.100
830.00	-0.030	590.00	-0.013	350.00	0.118
820.00	-0.033	580.00	-0.002	340.00	0.156
810.00	-0.031	570.00	-0.014	330.00	0.179
800.00	-0.030	560.00	-0.016	320.00	0.202
790.00	-0.030	550.00	-0.013	310.00	0.229
780.00	-0.030	540.00	-0.008	300.00	0.262
770.00	-0.029	530.00	-0.006	290.00	0.293
760.00	-0.029	520.00	-0.005	280.00	0.333
750.00	-0.028	510.00	0.001	270.00	0.371
740.00	-0.029	500.00	0.003	260.00	0.410
730.00	-0.028	490.00	0.006	250.00	0.438
720.00	-0.027	480.00	0.009	240.00	0.482
710.00	-0.027	470.00	0.013	230.00	0.550
700.00	-0.027	460.00	0.017	220.00	0.637
690.00	-0.027	450.00	0.020	210.00	0.751
680.00	-0.025	440.00	0.023	200.00	0.823
670.00	-0.024	430.00	0.026		

Sample Name: Sample 44 Rack 1 Tube 44

Collection Time 11/6/2019 1:42:18 PM

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

Wavelength (nm)	Abs
893.60	-0.002
889.60	-0.018
886.40	-0.010
880.80	-0.016
876.00	-0.025
872.80	-0.021
866.40	-0.025
861.60	-0.022
580.00	-0.007

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.015	660.00	-0.026	420.00	0.015
890.00	-0.029	650.00	-0.025	410.00	0.023
880.00	-0.030	640.00	-0.026	400.00	0.026
870.00	-0.035	630.00	-0.028	390.00	0.029
860.00	-0.033	620.00	-0.027	380.00	0.034
850.00	-0.030	610.00	-0.023	370.00	0.045
840.00	-0.032	600.00	-0.022	360.00	0.049

830.00	-0.029	590.00	-0.018	350.00	0.061
820.00	-0.032	580.00	-0.007	340.00	0.094
810.00	-0.031	570.00	-0.019	330.00	0.108
800.00	-0.030	560.00	-0.021	320.00	0.119
790.00	-0.030	550.00	-0.016	310.00	0.135
780.00	-0.030	540.00	-0.014	300.00	0.150
770.00	-0.029	530.00	-0.013	290.00	0.169
760.00	-0.029	520.00	-0.010	280.00	0.194
750.00	-0.029	510.00	-0.008	270.00	0.215
740.00	-0.031	500.00	-0.004	260.00	0.237
730.00	-0.028	490.00	-0.004	250.00	0.253
720.00	-0.028	480.00	0.000	240.00	0.277
710.00	-0.029	470.00	0.002	230.00	0.317
700.00	-0.029	460.00	0.005	220.00	0.373
690.00	-0.028	450.00	0.007	210.00	0.452
680.00	-0.028	440.00	0.008	200.00	0.499
670.00	-0.025	430.00	0.010		

Sample Name: Sample 45 Rack 1 Tube 45

Collection Time 11/6/2019 1:45:31 PM

Peak Table

Peak Style

Peaks

Peak Threshold

0.0100

Range

900.00nm to 200.00nm

Wavelength (nm)	Abs
894.40	-0.015
891.20	-0.009
886.40	-0.015
883.20	-0.023
880.80	-0.013
874.40	-0.021
871.20	-0.020
580.00	-0.001
352.00	0.146

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.014	660.00	-0.024	420.00	0.039
890.00	-0.034	650.00	-0.022	410.00	0.052
880.00	-0.034	640.00	-0.022	400.00	0.062
870.00	-0.031	630.00	-0.024	390.00	0.069
860.00	-0.032	620.00	-0.023	380.00	0.083
850.00	-0.029	610.00	-0.017	370.00	0.102
840.00	-0.031	600.00	-0.016	360.00	0.120
830.00	-0.031	590.00	-0.013	350.00	0.132
820.00	-0.030	580.00	-0.001	340.00	0.181
810.00	-0.030	570.00	-0.013	330.00	0.209
800.00	-0.030	560.00	-0.015	320.00	0.237
790.00	-0.029	550.00	-0.009	310.00	0.270
780.00	-0.028	540.00	-0.005	300.00	0.304
770.00	-0.028	530.00	-0.003	290.00	0.341
760.00	-0.028	520.00	0.001	280.00	0.386
750.00	-0.029	510.00	0.006	270.00	0.431
740.00	-0.028	500.00	0.009	260.00	0.475
730.00	-0.027	490.00	0.012	250.00	0.510
720.00	-0.028	480.00	0.013	240.00	0.560
710.00	-0.027	470.00	0.020	230.00	0.637
700.00	-0.027	460.00	0.024	220.00	0.725
690.00	-0.026	450.00	0.025	210.00	0.835
680.00	-0.025	440.00	0.029	200.00	0.900
670.00	-0.023	430.00	0.034		

Sample Name: Sample 46 Rack 1 Tube 46

Collection Time 11/6/2019 1:48:45 PM

Peak Table

Peak Style

Peaks

Peak Threshold

0.0100

Range

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.024
894.40	-0.011
891.20	-0.026
888.00	-0.028
886.40	-0.023
880.80	-0.017
876.00	-0.023
872.00	-0.023
868.80	-0.023
580.00	-0.004
352.80	0.123

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.035	660.00	-0.026	420.00	0.034
890.00	-0.036	650.00	-0.025	410.00	0.044
880.00	-0.032	640.00	-0.025	400.00	0.053
870.00	-0.035	630.00	-0.027	390.00	0.060
860.00	-0.031	620.00	-0.027	380.00	0.071
850.00	-0.030	610.00	-0.021	370.00	0.089
840.00	-0.035	600.00	-0.021	360.00	0.102
830.00	-0.031	590.00	-0.016	350.00	0.115
820.00	-0.032	580.00	-0.004	340.00	0.159
810.00	-0.030	570.00	-0.016	330.00	0.182
800.00	-0.031	560.00	-0.019	320.00	0.205
790.00	-0.031	550.00	-0.012	310.00	0.233
780.00	-0.030	540.00	-0.009	300.00	0.264
770.00	-0.028	530.00	-0.008	290.00	0.293
760.00	-0.030	520.00	-0.004	280.00	0.330
750.00	-0.029	510.00	0.000	270.00	0.368
740.00	-0.030	500.00	0.002	260.00	0.403
730.00	-0.028	490.00	0.005	250.00	0.429
720.00	-0.028	480.00	0.008	240.00	0.470
710.00	-0.029	470.00	0.012	230.00	0.533
700.00	-0.029	460.00	0.017	220.00	0.600
690.00	-0.028	450.00	0.021	210.00	0.684
680.00	-0.027	440.00	0.025	200.00	0.729
670.00	-0.025	430.00	0.028		

Sample Name: Sample 47 Rack 1 Tube 47

Collection Time 11/6/2019 1:51:57 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.017
896.80	-0.019
894.40	-0.006
892.00	-0.020
889.60	-0.019
886.40	-0.013
883.20	-0.023
878.40	-0.025
874.40	-0.024
872.00	-0.023
868.80	-0.022
582.40	-0.009

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.040	660.00	-0.028	420.00	0.012
890.00	-0.026	650.00	-0.027	410.00	0.020
880.00	-0.031	640.00	-0.027	400.00	0.024
870.00	-0.033	630.00	-0.031	390.00	0.026
860.00	-0.035	620.00	-0.030	380.00	0.035

850.00	-0.032	610.00	-0.026	370.00	0.045
840.00	-0.030	600.00	-0.025	360.00	0.053
830.00	-0.031	590.00	-0.020	350.00	0.059
820.00	-0.031	580.00	-0.010	340.00	0.101
810.00	-0.032	570.00	-0.022	330.00	0.114
800.00	-0.031	560.00	-0.024	320.00	0.129
790.00	-0.031	550.00	-0.019	310.00	0.147
780.00	-0.031	540.00	-0.017	300.00	0.165
770.00	-0.030	530.00	-0.014	290.00	0.183
760.00	-0.032	520.00	-0.012	280.00	0.206
750.00	-0.031	510.00	-0.009	270.00	0.229
740.00	-0.030	500.00	-0.007	260.00	0.253
730.00	-0.030	490.00	-0.006	250.00	0.270
720.00	-0.029	480.00	-0.004	240.00	0.295
710.00	-0.030	470.00	-0.001	230.00	0.334
700.00	-0.029	460.00	0.002	220.00	0.385
690.00	-0.029	450.00	0.004	210.00	0.457
680.00	-0.028	440.00	0.005	200.00	0.501
670.00	-0.027	430.00	0.008		

Sample Name: Sample 48 Rack 1 Tube 48

Collection Time 11/6/2019 1:55:10 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.011
896.00	-0.014
893.60	-0.019
890.40	-0.021
886.40	-0.019
883.20	-0.012
876.80	-0.024
874.40	-0.023
580.80	-0.003
350.40	0.114

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.032	660.00	-0.024	420.00	0.033
890.00	-0.027	650.00	-0.024	410.00	0.043
880.00	-0.034	640.00	-0.024	400.00	0.049
870.00	-0.029	630.00	-0.027	390.00	0.055
860.00	-0.030	620.00	-0.027	380.00	0.066
850.00	-0.028	610.00	-0.021	370.00	0.083
840.00	-0.032	600.00	-0.020	360.00	0.093
830.00	-0.030	590.00	-0.015	350.00	0.109
820.00	-0.033	580.00	-0.003	340.00	0.144
810.00	-0.031	570.00	-0.015	330.00	0.166
800.00	-0.030	560.00	-0.017	320.00	0.189
790.00	-0.029	550.00	-0.011	310.00	0.210
780.00	-0.029	540.00	-0.009	300.00	0.237
770.00	-0.028	530.00	-0.006	290.00	0.264
760.00	-0.029	520.00	-0.004	280.00	0.298
750.00	-0.029	510.00	0.000	270.00	0.328
740.00	-0.029	500.00	0.002	260.00	0.360
730.00	-0.028	490.00	0.005	250.00	0.383
720.00	-0.028	480.00	0.008	240.00	0.419
710.00	-0.028	470.00	0.012	230.00	0.474
700.00	-0.029	460.00	0.016	220.00	0.538
690.00	-0.026	450.00	0.020	210.00	0.617
680.00	-0.027	440.00	0.023	200.00	0.663
670.00	-0.024	430.00	0.027		

Sample Name: Sample 49 Rack 1 Tube 49

Collection Time 11/6/2019 1:58:23 PM

Peak Table

Peak Style
 Peak Threshold
 Range

Peaks
 0.0100
 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.001
896.00	-0.017
893.60	-0.006
889.60	-0.006
886.40	-0.014
883.20	-0.014
880.80	-0.012
874.40	-0.023
853.60	-0.025
582.40	-0.008
363.20	0.029

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.047	660.00	-0.027	420.00	0.005
890.00	-0.025	650.00	-0.026	410.00	0.010
880.00	-0.027	640.00	-0.026	400.00	0.014
870.00	-0.031	630.00	-0.029	390.00	0.011
860.00	-0.029	620.00	-0.029	380.00	0.017
850.00	-0.028	610.00	-0.024	370.00	0.023
840.00	-0.034	600.00	-0.023	360.00	0.027
830.00	-0.031	590.00	-0.019	350.00	0.027
820.00	-0.031	580.00	-0.008	340.00	0.050
810.00	-0.030	570.00	-0.021	330.00	0.060
800.00	-0.029	560.00	-0.023	320.00	0.067
790.00	-0.030	550.00	-0.017	310.00	0.074
780.00	-0.029	540.00	-0.015	300.00	0.082
770.00	-0.030	530.00	-0.013	290.00	0.091
760.00	-0.031	520.00	-0.011	280.00	0.103
750.00	-0.030	510.00	-0.007	270.00	0.114
740.00	-0.030	500.00	-0.007	260.00	0.125
730.00	-0.028	490.00	-0.006	250.00	0.134
720.00	-0.029	480.00	-0.006	240.00	0.148
710.00	-0.029	470.00	-0.003	230.00	0.169
700.00	-0.029	460.00	0.001	220.00	0.197
690.00	-0.028	450.00	0.002	210.00	0.227
680.00	-0.029	440.00	0.004	200.00	0.254
670.00	-0.026	430.00	0.004		

Sample Name: Sample 50 Rack 1 Tube 50

Collection Time 11/6/2019 2:01:35 PM

Peak Table
 Peak Style
 Peak Threshold
 Range

Peaks
 0.0100
 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.017
896.00	-0.009
888.00	-0.009
881.60	-0.010
877.60	-0.023
874.40	-0.020
864.80	-0.024
856.00	-0.026
581.60	-0.011
368.00	0.003
354.40	0.006

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.041	660.00	-0.029	420.00	-0.007
890.00	-0.032	650.00	-0.028	410.00	-0.002
880.00	-0.017	640.00	-0.029	400.00	-0.002

870.00	-0.033	630.00	-0.031	390.00	-0.004
860.00	-0.033	620.00	-0.031	380.00	-0.005
850.00	-0.031	610.00	-0.026	370.00	-0.001
840.00	-0.034	600.00	-0.025	360.00	-0.003
830.00	-0.030	590.00	-0.021	350.00	-0.008
820.00	-0.032	580.00	-0.011	340.00	0.020
810.00	-0.031	570.00	-0.023	330.00	0.021
800.00	-0.031	560.00	-0.025	320.00	0.021
790.00	-0.031	550.00	-0.021	310.00	0.023
780.00	-0.031	540.00	-0.019	300.00	0.024
770.00	-0.030	530.00	-0.017	290.00	0.023
760.00	-0.030	520.00	-0.015	280.00	0.026
750.00	-0.031	510.00	-0.012	270.00	0.024
740.00	-0.031	500.00	-0.011	260.00	0.029
730.00	-0.029	490.00	-0.010	250.00	0.029
720.00	-0.030	480.00	-0.010	240.00	0.029
710.00	-0.030	470.00	-0.007	230.00	0.033
700.00	-0.030	460.00	-0.005	220.00	0.037
690.00	-0.030	450.00	-0.005	210.00	0.043
680.00	-0.030	440.00	-0.004	200.00	0.047
670.00	-0.028	430.00	-0.006		

Sample Name: Sample 51 Rack 1 Tube 51

Collection Time 11/6/2019 2:04:47 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm) Abs

898.40	-0.020
896.80	-0.021
894.40	-0.016
891.20	-0.020
886.40	-0.015
880.80	-0.020
872.00	-0.022
580.00	-0.006

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.001	660.00	-0.028	420.00	0.023
890.00	-0.035	650.00	-0.026	410.00	0.033
880.00	-0.038	640.00	-0.028	400.00	0.038
870.00	-0.032	630.00	-0.029	390.00	0.045
860.00	-0.029	620.00	-0.029	380.00	0.055
850.00	-0.032	610.00	-0.023	370.00	0.069
840.00	-0.032	600.00	-0.022	360.00	0.082
830.00	-0.032	590.00	-0.018	350.00	0.099
820.00	-0.034	580.00	-0.006	340.00	0.137
810.00	-0.031	570.00	-0.019	330.00	0.157
800.00	-0.032	560.00	-0.021	320.00	0.181
790.00	-0.031	550.00	-0.016	310.00	0.203
780.00	-0.030	540.00	-0.012	300.00	0.227
770.00	-0.031	530.00	-0.011	290.00	0.258
760.00	-0.031	520.00	-0.007	280.00	0.290
750.00	-0.031	510.00	-0.004	270.00	0.325
740.00	-0.032	500.00	0.000	260.00	0.361
730.00	-0.030	490.00	0.002	250.00	0.387
720.00	-0.031	480.00	0.005	240.00	0.427
710.00	-0.030	470.00	0.008	230.00	0.485
700.00	-0.030	460.00	0.011	220.00	0.558
690.00	-0.029	450.00	0.013	210.00	0.644
680.00	-0.029	440.00	0.017	200.00	0.699
670.00	-0.026	430.00	0.018		

Sample Name: Sample 52 Rack 1 Tube 52

Collection Time 11/6/2019 2:08:01 PM

Peak Table

Peak Style
 Peak Threshold
 Range

Peaks
 0.0100
 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	-0.009
894.40	-0.018
889.60	-0.011
886.40	-0.025
881.60	-0.019
878.40	-0.023
872.00	-0.022
864.00	-0.026
580.00	-0.005
361.60	0.072
350.40	0.086

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.025	660.00	-0.026	420.00	0.021
890.00	-0.025	650.00	-0.026	410.00	0.028
880.00	-0.023	640.00	-0.027	400.00	0.035
870.00	-0.032	630.00	-0.029	390.00	0.040
860.00	-0.028	620.00	-0.029	380.00	0.049
850.00	-0.031	610.00	-0.023	370.00	0.060
840.00	-0.033	600.00	-0.023	360.00	0.071
830.00	-0.032	590.00	-0.018	350.00	0.080
820.00	-0.033	580.00	-0.005	340.00	0.119
810.00	-0.031	570.00	-0.018	330.00	0.134
800.00	-0.032	560.00	-0.020	320.00	0.153
790.00	-0.030	550.00	-0.015	310.00	0.171
780.00	-0.029	540.00	-0.013	300.00	0.194
770.00	-0.029	530.00	-0.010	290.00	0.218
760.00	-0.030	520.00	-0.006	280.00	0.248
750.00	-0.029	510.00	-0.003	270.00	0.277
740.00	-0.030	500.00	-0.001	260.00	0.307
730.00	-0.029	490.00	0.001	250.00	0.330
720.00	-0.028	480.00	0.002	240.00	0.365
710.00	-0.029	470.00	0.006	230.00	0.417
700.00	-0.029	460.00	0.009	220.00	0.486
690.00	-0.028	450.00	0.013	210.00	0.569
680.00	-0.028	440.00	0.014	200.00	0.618
670.00	-0.026	430.00	0.016		

Sample Name: Sample 53 Rack 1 Tube 53

Collection Time 11/6/2019 2:11:15 PM

Peak Table
 Peak Style
 Peak Threshold
 Range

Peaks
 0.0100
 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.009
896.80	-0.007
893.60	-0.028
889.60	-0.011
881.60	-0.016
871.20	-0.026
861.60	-0.025
580.00	-0.008
363.20	0.052
353.60	0.068

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.020	660.00	-0.027	420.00	0.010
890.00	-0.021	650.00	-0.027	410.00	0.018
880.00	-0.026	640.00	-0.028	400.00	0.024
870.00	-0.034	630.00	-0.030	390.00	0.025

860.00	-0.030	620.00	-0.030	380.00	0.033
850.00	-0.032	610.00	-0.025	370.00	0.043
840.00	-0.033	600.00	-0.023	360.00	0.050
830.00	-0.031	590.00	-0.019	350.00	0.060
820.00	-0.034	580.00	-0.008	340.00	0.095
810.00	-0.033	570.00	-0.020	330.00	0.107
800.00	-0.033	560.00	-0.023	320.00	0.122
790.00	-0.032	550.00	-0.017	310.00	0.138
780.00	-0.030	540.00	-0.015	300.00	0.155
770.00	-0.031	530.00	-0.013	290.00	0.172
760.00	-0.032	520.00	-0.009	280.00	0.194
750.00	-0.031	510.00	-0.006	270.00	0.218
740.00	-0.031	500.00	-0.004	260.00	0.243
730.00	-0.030	490.00	-0.003	250.00	0.260
720.00	-0.031	480.00	-0.001	240.00	0.285
710.00	-0.031	470.00	0.000	230.00	0.326
700.00	-0.031	460.00	0.003	220.00	0.384
690.00	-0.029	450.00	0.006	210.00	0.462
680.00	-0.029	440.00	0.007	200.00	0.508
670.00	-0.027	430.00	0.008		

Sample Name: Sample 54 Rack 1 Tube 54

Collection Time 11/6/2019 2:14:28 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	-0.035
894.40	-0.015
889.60	0.000
886.40	-0.018
880.80	-0.010
872.80	-0.018
580.80	-0.007
351.20	0.059

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	0.010
890.00	-0.008	650.00	-0.026	410.00	0.018
880.00	-0.035	640.00	-0.027	400.00	0.020
870.00	-0.027	630.00	-0.030	390.00	0.023
860.00	-0.033	620.00	-0.030	380.00	0.030
850.00	-0.032	610.00	-0.024	370.00	0.040
840.00	-0.031	600.00	-0.024	360.00	0.048
830.00	-0.032	590.00	-0.019	350.00	0.047
820.00	-0.029	580.00	-0.008	340.00	0.086
810.00	-0.030	570.00	-0.020	330.00	0.099
800.00	-0.031	560.00	-0.023	320.00	0.112
790.00	-0.029	550.00	-0.018	310.00	0.126
780.00	-0.028	540.00	-0.014	300.00	0.142
770.00	-0.030	530.00	-0.013	290.00	0.158
760.00	-0.030	520.00	-0.011	280.00	0.180
750.00	-0.030	510.00	-0.008	270.00	0.202
740.00	-0.031	500.00	-0.006	260.00	0.225
730.00	-0.029	490.00	-0.005	250.00	0.237
720.00	-0.029	480.00	-0.003	240.00	0.258
710.00	-0.030	470.00	0.000	230.00	0.292
700.00	-0.031	460.00	0.004	220.00	0.333
690.00	-0.028	450.00	0.005	210.00	0.389
680.00	-0.029	440.00	0.007	200.00	0.430
670.00	-0.027	430.00	0.009		

Sample Name: Sample 55 Rack 1 Tube 55

Collection Time 11/6/2019 2:17:41 PM

Peak Table

Peak Style
 Peak Threshold
 Range

Peaks
 0.0100
 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.003
894.40	-0.013
891.20	-0.023
889.60	-0.021
886.40	-0.019
881.60	-0.018
878.40	-0.027
874.40	-0.021
859.20	-0.026
853.60	-0.023
582.40	-0.010
363.20	0.009

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.017	660.00	-0.027	420.00	-0.004
890.00	-0.028	650.00	-0.027	410.00	0.000
880.00	-0.032	640.00	-0.027	400.00	-0.001
870.00	-0.030	630.00	-0.030	390.00	-0.001
860.00	-0.034	620.00	-0.031	380.00	0.001
850.00	-0.030	610.00	-0.025	370.00	0.003
840.00	-0.032	600.00	-0.025	360.00	0.005
830.00	-0.030	590.00	-0.022	350.00	0.005
820.00	-0.031	580.00	-0.010	340.00	0.029
810.00	-0.031	570.00	-0.022	330.00	0.033
800.00	-0.030	560.00	-0.026	320.00	0.036
790.00	-0.031	550.00	-0.021	310.00	0.038
780.00	-0.029	540.00	-0.017	300.00	0.043
770.00	-0.029	530.00	-0.017	290.00	0.046
760.00	-0.030	520.00	-0.015	280.00	0.051
750.00	-0.031	510.00	-0.012	270.00	0.056
740.00	-0.031	500.00	-0.011	260.00	0.062
730.00	-0.030	490.00	-0.010	250.00	0.065
720.00	-0.029	480.00	-0.012	240.00	0.071
710.00	-0.030	470.00	-0.007	230.00	0.085
700.00	-0.031	460.00	-0.005	220.00	0.105
690.00	-0.028	450.00	-0.005	210.00	0.134
680.00	-0.030	440.00	-0.006	200.00	0.152
670.00	-0.027	430.00	-0.005		

Sample Name: Sample 56 Rack 1 Tube 56

Collection Time 11/6/2019 2:20:54 PM

Peak Table
 Peak Style
 Peak Threshold
 Range

Peaks
 0.0100
 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.00	-0.018
894.40	-0.021
888.00	-0.015
885.60	-0.009
880.80	-0.012
876.00	-0.028
872.00	-0.023
868.80	-0.020
861.60	-0.025
853.60	-0.025
581.60	-0.010
368.00	0.003
354.40	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	-0.009	660.00	-0.027	420.00	-0.005
890.00	-0.021	650.00	-0.026	410.00	-0.001
880.00	-0.027	640.00	-0.027	400.00	0.000
870.00	-0.032	630.00	-0.031	390.00	-0.004
860.00	-0.034	620.00	-0.031	380.00	-0.004
850.00	-0.030	610.00	-0.025	370.00	-0.001
840.00	-0.033	600.00	-0.025	360.00	-0.002
830.00	-0.031	590.00	-0.021	350.00	-0.009
820.00	-0.029	580.00	-0.010	340.00	0.017
810.00	-0.030	570.00	-0.023	330.00	0.020
800.00	-0.028	560.00	-0.026	320.00	0.020
790.00	-0.030	550.00	-0.021	310.00	0.022
780.00	-0.029	540.00	-0.019	300.00	0.024
770.00	-0.029	530.00	-0.018	290.00	0.023
760.00	-0.029	520.00	-0.016	280.00	0.027
750.00	-0.029	510.00	-0.013	270.00	0.027
740.00	-0.030	500.00	-0.012	260.00	0.030
730.00	-0.028	490.00	-0.012	250.00	0.029
720.00	-0.030	480.00	-0.010	240.00	0.031
710.00	-0.029	470.00	-0.008	230.00	0.034
700.00	-0.029	460.00	-0.005	220.00	0.039
690.00	-0.028	450.00	-0.005	210.00	0.045
680.00	-0.028	440.00	-0.004	200.00	0.050
670.00	-0.026	430.00	-0.004		