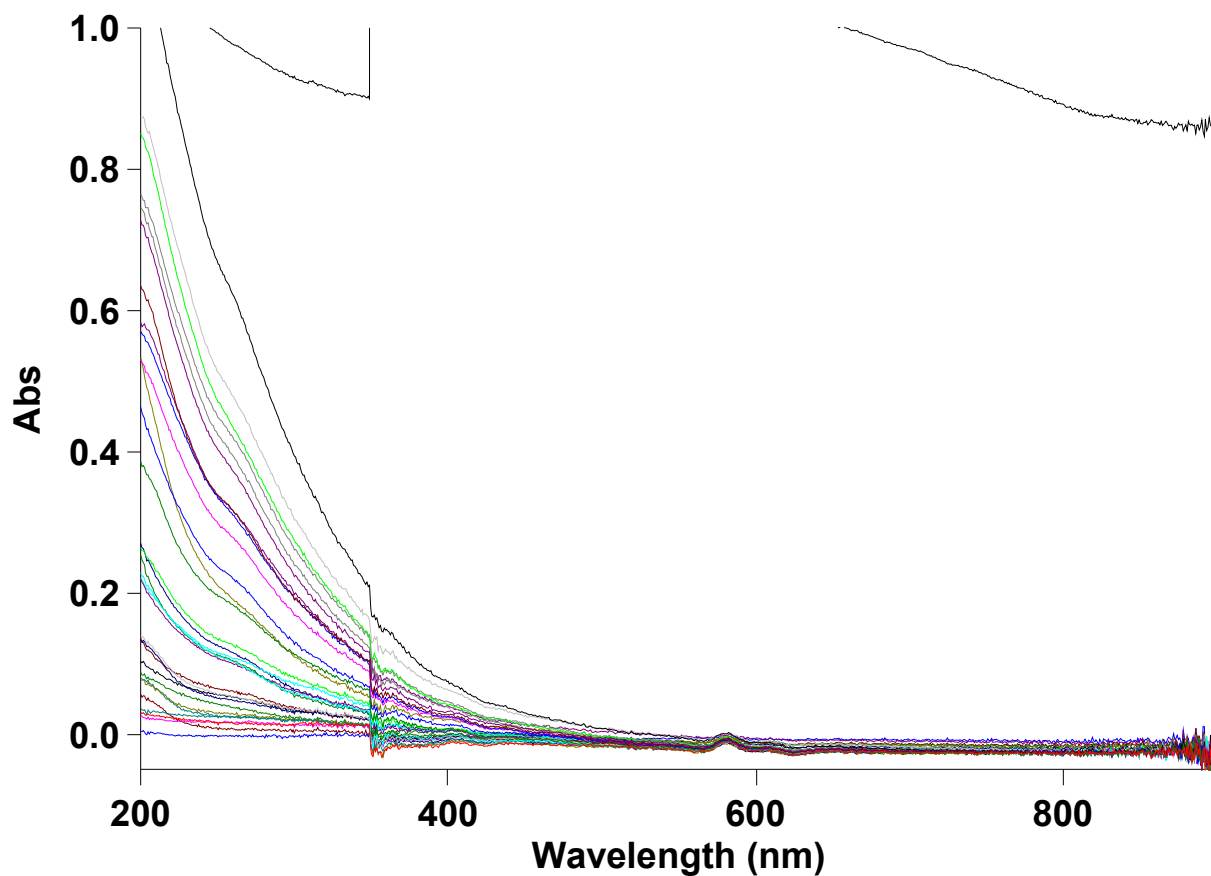


NIVA



Scan Analysis Report

Report Time : Thu 31 Oct 12:41:03 PM 2019
Method: H:\1000 sjøer UV-spek\UV-scan MED SAMPLER 1000 sjoer.MSW
Batch: H:\1000 sjøer UV-spek\191031\191031_run.DSW
Software version: 4.20(468)
Operator: JKK

Zero Report

Read	Abs(900.00)
Zero	0.8692

Sample Name: Baseline 100%T

Collection Time 10/31/2019 12:37:57 PM

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

Wavelength (nm)	Abs
895.20	0.873
892.80	0.870
890.40	0.870

881.60	0.868
593.60	1.107
368.00	1.370
351.20	1.390

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.833	660.00	0.999	420.00	1.310
890.00	0.865	650.00	1.003	410.00	1.320
880.00	0.863	640.00	1.010	400.00	1.319
870.00	0.862	630.00	1.036	390.00	1.339
860.00	0.866	620.00	1.077	380.00	1.355
850.00	0.867	610.00	1.092	370.00	1.367
840.00	0.871	600.00	1.098	360.00	1.355
830.00	0.874	590.00	1.106	350.00	1.387
820.00	0.876	580.00	1.043	340.00	0.906
810.00	0.883	570.00	1.013	330.00	0.909
800.00	0.892	560.00	1.054	320.00	0.917
790.00	0.900	550.00	1.092	310.00	0.925
780.00	0.910	540.00	1.125	300.00	0.932
770.00	0.916	530.00	1.154	290.00	0.938
760.00	0.925	520.00	1.173	280.00	0.952
750.00	0.934	510.00	1.182	270.00	0.964
740.00	0.941	500.00	1.191	260.00	0.977
730.00	0.947	490.00	1.204	250.00	0.993
720.00	0.955	480.00	1.217	240.00	1.007
710.00	0.964	470.00	1.231	230.00	1.020
700.00	0.970	460.00	1.245	220.00	1.037
690.00	0.977	450.00	1.258	210.00	1.052
680.00	0.984	440.00	1.271	200.00	1.077
670.00	0.992	430.00	1.288		

Sample Name: Sample 1 Rack 1 Tube 1

Collection Time 10/31/2019 12:41:53 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
893.60	-0.011
891.20	0.013
886.40	0.010
884.80	-0.003
878.40	0.008
872.00	0.002
464.80	0.001

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.025	660.00	-0.007	420.00	-0.004
890.00	-0.018	650.00	-0.006	410.00	0.000
880.00	-0.006	640.00	-0.005	400.00	-0.001
870.00	-0.005	630.00	-0.007	390.00	-0.004
860.00	-0.010	620.00	-0.007	380.00	-0.002
850.00	-0.007	610.00	-0.005	370.00	-0.003
840.00	-0.008	600.00	-0.006	360.00	-0.008
830.00	-0.008	590.00	-0.005	350.00	0.000
820.00	-0.008	580.00	-0.003	340.00	0.000
810.00	-0.009	570.00	-0.004	330.00	0.000
800.00	-0.010	560.00	-0.006	320.00	0.000
790.00	-0.008	550.00	-0.004	310.00	0.000
780.00	-0.010	540.00	-0.004	300.00	-0.003
770.00	-0.007	530.00	-0.005	290.00	-0.001
760.00	-0.008	520.00	-0.005	280.00	-0.001
750.00	-0.009	510.00	-0.005	270.00	-0.001
740.00	-0.007	500.00	-0.004	260.00	-0.001
730.00	-0.007	490.00	-0.004	250.00	-0.001
720.00	-0.007	480.00	-0.003	240.00	-0.002
710.00	-0.007	470.00	-0.001	230.00	-0.001

700.00	-0.006	460.00	-0.002	220.00	0.001
690.00	-0.006	450.00	-0.002	210.00	0.002
680.00	-0.007	440.00	-0.001	200.00	0.005
670.00	-0.006	430.00	-0.002		

Sample Name: Sample 2 Rack 1 Tube 2

Collection Time 10/31/2019 12:45:07 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	-0.013
893.60	-0.006
891.20	0.002
886.40	0.010
880.80	-0.001
878.40	0.006
872.80	-0.004
852.00	-0.005

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.014	660.00	-0.008	420.00	0.026
890.00	-0.008	650.00	-0.007	410.00	0.032
880.00	-0.016	640.00	-0.007	400.00	0.042
870.00	-0.011	630.00	-0.007	390.00	0.046
860.00	-0.014	620.00	-0.007	380.00	0.057
850.00	-0.008	610.00	-0.004	370.00	0.067
840.00	-0.010	600.00	-0.004	360.00	0.082
830.00	-0.011	590.00	-0.002	350.00	0.101
820.00	-0.012	580.00	-0.001	340.00	0.117
810.00	-0.009	570.00	-0.004	330.00	0.135
800.00	-0.010	560.00	-0.004	320.00	0.157
790.00	-0.009	550.00	-0.002	310.00	0.178
780.00	-0.012	540.00	0.000	300.00	0.199
770.00	-0.008	530.00	0.002	290.00	0.229
760.00	-0.010	520.00	0.003	280.00	0.260
750.00	-0.011	510.00	0.004	270.00	0.291
740.00	-0.009	500.00	0.006	260.00	0.318
730.00	-0.010	490.00	0.007	250.00	0.339
720.00	-0.009	480.00	0.008	240.00	0.376
710.00	-0.008	470.00	0.009	230.00	0.427
700.00	-0.009	460.00	0.012	220.00	0.483
690.00	-0.009	450.00	0.015	210.00	0.547
680.00	-0.007	440.00	0.019	200.00	0.584
670.00	-0.007	430.00	0.022		

Sample Name: Sample 3 Rack 1 Tube 3

Collection Time 10/31/2019 12:48:20 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.014
893.60	-0.013
892.00	-0.002
886.40	0.004
884.00	-0.009
880.80	-0.007
879.20	-0.005
864.80	-0.007
852.00	-0.009
412.80	0.001

353.60 -0.001

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.026	660.00	-0.012	420.00	-0.004
890.00	-0.022	650.00	-0.011	410.00	-0.001
880.00	-0.019	640.00	-0.012	400.00	-0.003
870.00	-0.015	630.00	-0.012	390.00	-0.006
860.00	-0.014	620.00	-0.013	380.00	-0.004
850.00	-0.013	610.00	-0.010	370.00	-0.005
840.00	-0.014	600.00	-0.010	360.00	-0.006
830.00	-0.014	590.00	-0.008	350.00	-0.004
820.00	-0.013	580.00	-0.006	340.00	0.004
810.00	-0.015	570.00	-0.010	330.00	0.005
800.00	-0.015	560.00	-0.012	320.00	0.005
790.00	-0.017	550.00	-0.008	310.00	0.006
780.00	-0.016	540.00	-0.009	300.00	0.003
770.00	-0.014	530.00	-0.007	290.00	0.008
760.00	-0.014	520.00	-0.006	280.00	0.008
750.00	-0.014	510.00	-0.007	270.00	0.009
740.00	-0.013	500.00	-0.007	260.00	0.009
730.00	-0.014	490.00	-0.007	250.00	0.009
720.00	-0.014	480.00	-0.006	240.00	0.011
710.00	-0.012	470.00	-0.005	230.00	0.017
700.00	-0.012	460.00	-0.003	220.00	0.027
690.00	-0.012	450.00	-0.001	210.00	0.044
680.00	-0.012	440.00	-0.001	200.00	0.058
670.00	-0.011	430.00	-0.002		

Sample Name: Sample 4 Rack 1 Tube 4

Collection Time 10/31/2019 12:51:33 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	-0.008
893.60	-0.018
892.00	-0.001
888.00	-0.004
886.40	-0.009
884.00	-0.015
880.80	-0.005
878.40	-0.008
872.00	-0.010
371.20	0.008
352.00	0.013

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	0.003
890.00	-0.019	650.00	-0.012	410.00	0.006
880.00	-0.019	640.00	-0.012	400.00	0.007
870.00	-0.014	630.00	-0.013	390.00	0.003
860.00	-0.019	620.00	-0.014	380.00	0.005
850.00	-0.013	610.00	-0.009	370.00	0.007
840.00	-0.015	600.00	-0.010	360.00	0.002
830.00	-0.015	590.00	-0.007	350.00	0.003
820.00	-0.012	580.00	-0.003	340.00	0.015
810.00	-0.016	570.00	-0.010	330.00	0.019
800.00	-0.017	560.00	-0.011	320.00	0.020
790.00	-0.016	550.00	-0.009	310.00	0.023
780.00	-0.016	540.00	-0.009	300.00	0.022
770.00	-0.014	530.00	-0.006	290.00	0.028
760.00	-0.016	520.00	-0.005	280.00	0.031
750.00	-0.016	510.00	-0.005	270.00	0.036
740.00	-0.014	500.00	-0.003	260.00	0.039
730.00	-0.015	490.00	-0.003	250.00	0.044
720.00	-0.014	480.00	-0.005	240.00	0.049

710.00	-0.013	470.00	-0.001	230.00	0.055
700.00	-0.013	460.00	0.000	220.00	0.064
690.00	-0.013	450.00	0.000	210.00	0.076
680.00	-0.013	440.00	0.002	200.00	0.089
670.00	-0.012	430.00	0.003		

Sample Name: Sample 5 Rack 1 Tube 5

Collection Time 10/31/2019 12:54:46 PM

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

Wavelength (nm)	Abs
899.20	0.023
894.40	-0.025
892.00	-0.006
886.40	-0.009
883.20	-0.012
880.80	-0.006
871.20	-0.006
864.80	-0.011
855.20	-0.009
582.40	-0.001
364.00	0.042

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.012	660.00	-0.014	420.00	0.013
890.00	-0.030	650.00	-0.013	410.00	0.019
880.00	-0.010	640.00	-0.013	400.00	0.022
870.00	-0.014	630.00	-0.013	390.00	0.022
860.00	-0.018	620.00	-0.014	380.00	0.030
850.00	-0.016	610.00	-0.010	370.00	0.035
840.00	-0.016	600.00	-0.010	360.00	0.037
830.00	-0.017	590.00	-0.008	350.00	0.047
820.00	-0.016	580.00	-0.002	340.00	0.062
810.00	-0.016	570.00	-0.010	330.00	0.072
800.00	-0.020	560.00	-0.011	320.00	0.081
790.00	-0.019	550.00	-0.008	310.00	0.097
780.00	-0.019	540.00	-0.008	300.00	0.110
770.00	-0.016	530.00	-0.006	290.00	0.133
760.00	-0.016	520.00	-0.006	280.00	0.153
750.00	-0.017	510.00	-0.004	270.00	0.174
740.00	-0.016	500.00	-0.004	260.00	0.192
730.00	-0.016	490.00	-0.002	250.00	0.212
720.00	-0.016	480.00	0.002	240.00	0.241
710.00	-0.015	470.00	0.005	230.00	0.284
700.00	-0.015	460.00	0.007	220.00	0.348
690.00	-0.014	450.00	0.009	210.00	0.439
680.00	-0.014	440.00	0.012	200.00	0.534
670.00	-0.013	430.00	0.011		

Sample Name: Sample 6 Rack 1 Tube 6

Collection Time 10/31/2019 12:57:59 PM

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

Wavelength (nm)	Abs
892.00	-0.004
887.20	-0.005
878.40	-0.008
871.20	-0.010
864.80	-0.014
582.40	-0.004

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.008	660.00	-0.017	420.00	0.003
890.00	-0.028	650.00	-0.015	410.00	0.005
880.00	-0.014	640.00	-0.016	400.00	0.009
870.00	-0.019	630.00	-0.017	390.00	0.006
860.00	-0.018	620.00	-0.017	380.00	0.010
850.00	-0.017	610.00	-0.013	370.00	0.012
840.00	-0.018	600.00	-0.013	360.00	0.011
830.00	-0.019	590.00	-0.010	350.00	0.018
820.00	-0.019	580.00	-0.006	340.00	0.036
810.00	-0.018	570.00	-0.013	330.00	0.042
800.00	-0.019	560.00	-0.014	320.00	0.049
790.00	-0.019	550.00	-0.010	310.00	0.057
780.00	-0.020	540.00	-0.010	300.00	0.063
770.00	-0.018	530.00	-0.008	290.00	0.078
760.00	-0.018	520.00	-0.009	280.00	0.090
750.00	-0.019	510.00	-0.006	270.00	0.106
740.00	-0.018	500.00	-0.007	260.00	0.117
730.00	-0.018	490.00	-0.005	250.00	0.127
720.00	-0.018	480.00	-0.003	240.00	0.140
710.00	-0.018	470.00	-0.002	230.00	0.160
700.00	-0.018	460.00	-0.002	220.00	0.187
690.00	-0.017	450.00	-0.001	210.00	0.223
680.00	-0.017	440.00	0.002	200.00	0.271
670.00	-0.015	430.00	0.002		

Sample Name: Sample 7 Rack 1 Tube 7

Collection Time

10/31/2019 1:01:11 PM

Peak Table

Peak Style

Peaks

Peak Threshold

0.0100

Range

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.013
896.00	-0.018
891.20	-0.014
886.40	-0.015
884.80	-0.011
883.20	-0.017
878.40	-0.008
582.40	-0.006
364.00	0.001
352.00	0.003

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.002	660.00	-0.019	420.00	-0.002
890.00	-0.020	650.00	-0.018	410.00	0.000
880.00	-0.029	640.00	-0.018	400.00	-0.001
870.00	-0.020	630.00	-0.020	390.00	-0.004
860.00	-0.022	620.00	-0.020	380.00	-0.005
850.00	-0.021	610.00	-0.017	370.00	-0.001
840.00	-0.020	600.00	-0.015	360.00	-0.004
830.00	-0.021	590.00	-0.013	350.00	0.003
820.00	-0.020	580.00	-0.008	340.00	0.017
810.00	-0.019	570.00	-0.016	330.00	0.015
800.00	-0.023	560.00	-0.017	320.00	0.020
790.00	-0.021	550.00	-0.014	310.00	0.022
780.00	-0.023	540.00	-0.012	300.00	0.019
770.00	-0.018	530.00	-0.012	290.00	0.024
760.00	-0.019	520.00	-0.010	280.00	0.025
750.00	-0.021	510.00	-0.011	270.00	0.026
740.00	-0.018	500.00	-0.010	260.00	0.026
730.00	-0.020	490.00	-0.010	250.00	0.027
720.00	-0.019	480.00	-0.008	240.00	0.030
710.00	-0.019	470.00	-0.007	230.00	0.034
700.00	-0.019	460.00	-0.006	220.00	0.046
690.00	-0.020	450.00	-0.004	210.00	0.066

680.00	-0.019	440.00	-0.002	200.00	0.081
670.00	-0.019	430.00	-0.002		

Sample Name: Sample 8 Rack 1 Tube 8

Collection Time 10/31/2019 1:04:24 PM

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

Wavelength (nm)	Abs
897.60	0.010
892.00	-0.001
886.40	-0.011
883.20	-0.018
880.80	-0.008
878.40	-0.012
870.40	-0.013
865.60	-0.014
582.40	0.003

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.010	660.00	-0.013	420.00	0.044
890.00	-0.030	650.00	-0.013	410.00	0.055
880.00	-0.026	640.00	-0.012	400.00	0.064
870.00	-0.016	630.00	-0.013	390.00	0.072
860.00	-0.021	620.00	-0.014	380.00	0.084
850.00	-0.020	610.00	-0.009	370.00	0.103
840.00	-0.019	600.00	-0.009	360.00	0.119
830.00	-0.022	590.00	-0.004	350.00	0.137
820.00	-0.021	580.00	0.002	340.00	0.185
810.00	-0.020	570.00	-0.006	330.00	0.211
800.00	-0.022	560.00	-0.006	320.00	0.238
790.00	-0.021	550.00	-0.003	310.00	0.273
780.00	-0.021	540.00	0.001	300.00	0.304
770.00	-0.020	530.00	0.004	290.00	0.350
760.00	-0.019	520.00	0.006	280.00	0.393
750.00	-0.021	510.00	0.007	270.00	0.441
740.00	-0.019	500.00	0.009	260.00	0.480
730.00	-0.019	490.00	0.012	250.00	0.514
720.00	-0.018	480.00	0.015	240.00	0.567
710.00	-0.018	470.00	0.019	230.00	0.643
700.00	-0.016	460.00	0.024	220.00	0.726
690.00	-0.016	450.00	0.027	210.00	0.817
680.00	-0.015	440.00	0.033	200.00	0.874
670.00	-0.014	430.00	0.039		

Sample Name: Sample 9 Rack 1 Tube 9

Collection Time 10/31/2019 1:07:36 PM

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

Wavelength (nm)	Abs
899.20	0.015
897.60	-0.005
893.60	-0.026
891.20	-0.006
883.20	-0.011
880.80	-0.013
873.60	-0.011
872.00	-0.013
852.00	-0.016
580.80	-0.005
364.00	0.025

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.020	660.00	-0.020	420.00	0.003
890.00	-0.029	650.00	-0.019	410.00	0.008
880.00	-0.016	640.00	-0.019	400.00	0.009
870.00	-0.019	630.00	-0.021	390.00	0.008
860.00	-0.022	620.00	-0.020	380.00	0.010
850.00	-0.022	610.00	-0.017	370.00	0.017
840.00	-0.021	600.00	-0.016	360.00	0.018
830.00	-0.024	590.00	-0.014	350.00	0.030
820.00	-0.021	580.00	-0.006	340.00	0.050
810.00	-0.022	570.00	-0.015	330.00	0.056
800.00	-0.022	560.00	-0.017	320.00	0.066
790.00	-0.022	550.00	-0.015	310.00	0.073
780.00	-0.025	540.00	-0.013	300.00	0.080
770.00	-0.022	530.00	-0.012	290.00	0.092
760.00	-0.021	520.00	-0.012	280.00	0.104
750.00	-0.023	510.00	-0.009	270.00	0.117
740.00	-0.022	500.00	-0.011	260.00	0.127
730.00	-0.022	490.00	-0.008	250.00	0.135
720.00	-0.021	480.00	-0.009	240.00	0.150
710.00	-0.021	470.00	-0.005	230.00	0.170
700.00	-0.021	460.00	-0.003	220.00	0.198
690.00	-0.021	450.00	-0.002	210.00	0.232
680.00	-0.020	440.00	0.000	200.00	0.265
670.00	-0.019	430.00	0.001		

Sample Name: Sample 10 Rack 1 Tube 10

Collection Time

10/31/2019 1:10:49 PM

Peak Table

Peak Style

Peaks

Peak Threshold

0.0100

Range

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.004
897.60	-0.008
896.00	-0.030
894.40	-0.009
892.00	-0.001
888.80	-0.013
886.40	-0.004
882.40	-0.013
878.40	-0.015
872.00	-0.015
864.80	-0.017
855.20	-0.017
582.40	-0.006
408.80	0.001
353.60	-0.004

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.025	660.00	-0.020	420.00	-0.004
890.00	-0.036	650.00	-0.019	410.00	-0.002
880.00	-0.023	640.00	-0.020	400.00	-0.003
870.00	-0.023	630.00	-0.022	390.00	-0.006
860.00	-0.021	620.00	-0.022	380.00	-0.008
850.00	-0.021	610.00	-0.018	370.00	-0.006
840.00	-0.021	600.00	-0.018	360.00	-0.008
830.00	-0.022	590.00	-0.014	350.00	-0.004
820.00	-0.021	580.00	-0.008	340.00	0.014
810.00	-0.023	570.00	-0.018	330.00	0.014
800.00	-0.024	560.00	-0.020	320.00	0.012
790.00	-0.023	550.00	-0.016	310.00	0.014
780.00	-0.023	540.00	-0.015	300.00	0.011
770.00	-0.022	530.00	-0.013	290.00	0.016
760.00	-0.020	520.00	-0.012	280.00	0.017
750.00	-0.023	510.00	-0.011	270.00	0.020
740.00	-0.021	500.00	-0.011	260.00	0.017

730.00	-0.022	490.00	-0.010	250.00	0.017
720.00	-0.022	480.00	-0.007	240.00	0.018
710.00	-0.022	470.00	-0.006	230.00	0.019
700.00	-0.022	460.00	-0.005	220.00	0.020
690.00	-0.021	450.00	-0.004	210.00	0.023
680.00	-0.022	440.00	-0.004	200.00	0.028
670.00	-0.020	430.00	-0.004		

Sample Name: Sample 11 Rack 1 Tube 11

Collection Time 10/31/2019 1:14:00 PM

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

Wavelength (nm)	Abs
896.80	-0.018
892.00	0.000
883.20	-0.016
878.40	-0.009
876.80	-0.015
872.00	-0.011
864.80	-0.011
582.40	-0.007
366.40	0.018
353.60	0.026

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.006	660.00	-0.022	420.00	0.001
890.00	-0.032	650.00	-0.020	410.00	0.005
880.00	-0.021	640.00	-0.020	400.00	0.008
870.00	-0.019	630.00	-0.022	390.00	0.004
860.00	-0.024	620.00	-0.022	380.00	0.007
850.00	-0.023	610.00	-0.017	370.00	0.011
840.00	-0.021	600.00	-0.017	360.00	0.012
830.00	-0.023	590.00	-0.014	350.00	0.021
820.00	-0.022	580.00	-0.008	340.00	0.044
810.00	-0.023	570.00	-0.017	330.00	0.052
800.00	-0.024	560.00	-0.018	320.00	0.059
790.00	-0.024	550.00	-0.015	310.00	0.068
780.00	-0.025	540.00	-0.013	300.00	0.071
770.00	-0.021	530.00	-0.013	290.00	0.082
760.00	-0.022	520.00	-0.011	280.00	0.090
750.00	-0.023	510.00	-0.008	270.00	0.102
740.00	-0.023	500.00	-0.008	260.00	0.108
730.00	-0.022	490.00	-0.007	250.00	0.117
720.00	-0.023	480.00	-0.006	240.00	0.127
710.00	-0.022	470.00	-0.004	230.00	0.144
700.00	-0.021	460.00	-0.003	220.00	0.165
690.00	-0.022	450.00	-0.002	210.00	0.191
680.00	-0.021	440.00	0.000	200.00	0.222
670.00	-0.021	430.00	0.000		

Sample Name: Sample 12 Rack 1 Tube 12

Collection Time 10/31/2019 1:17:11 PM

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

Wavelength (nm)	Abs
897.60	0.003
893.60	-0.011
891.20	-0.017
888.80	-0.023
886.40	-0.012
880.80	-0.011

879.20	-0.017
864.80	-0.018
582.40	-0.003
351.20	0.109

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.015	660.00	-0.020	420.00	0.029
890.00	-0.037	650.00	-0.018	410.00	0.039
880.00	-0.027	640.00	-0.017	400.00	0.047
870.00	-0.022	630.00	-0.020	390.00	0.052
860.00	-0.026	620.00	-0.020	380.00	0.064
850.00	-0.022	610.00	-0.015	370.00	0.079
840.00	-0.022	600.00	-0.016	360.00	0.089
830.00	-0.024	590.00	-0.012	350.00	0.112
820.00	-0.020	580.00	-0.004	340.00	0.157
810.00	-0.023	570.00	-0.013	330.00	0.180
800.00	-0.026	560.00	-0.014	320.00	0.206
790.00	-0.024	550.00	-0.010	310.00	0.234
780.00	-0.027	540.00	-0.009	300.00	0.262
770.00	-0.021	530.00	-0.007	290.00	0.301
760.00	-0.023	520.00	-0.005	280.00	0.344
750.00	-0.024	510.00	-0.003	270.00	0.386
740.00	-0.023	500.00	-0.002	260.00	0.421
730.00	-0.023	490.00	0.001	250.00	0.450
720.00	-0.023	480.00	0.005	240.00	0.498
710.00	-0.022	470.00	0.010	230.00	0.561
700.00	-0.021	460.00	0.012	220.00	0.629
690.00	-0.022	450.00	0.017	210.00	0.708
680.00	-0.020	440.00	0.021	200.00	0.765
670.00	-0.019	430.00	0.024		

Sample Name: Sample 13 Rack 1 Tube 13

Collection Time 10/31/2019 1:20:24 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.00	0.000
893.60	-0.012
892.00	0.005
888.80	-0.012
886.40	-0.014
880.00	-0.016
872.00	-0.015
582.40	-0.009
364.00	0.000

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.006	660.00	-0.022	420.00	-0.006
890.00	-0.032	650.00	-0.021	410.00	-0.003
880.00	-0.016	640.00	-0.022	400.00	-0.002
870.00	-0.023	630.00	-0.025	390.00	-0.006
860.00	-0.025	620.00	-0.024	380.00	-0.007
850.00	-0.023	610.00	-0.020	370.00	-0.004
840.00	-0.023	600.00	-0.021	360.00	-0.010
830.00	-0.026	590.00	-0.017	350.00	-0.003
820.00	-0.022	580.00	-0.010	340.00	0.024
810.00	-0.024	570.00	-0.019	330.00	0.027
800.00	-0.024	560.00	-0.021	320.00	0.032
790.00	-0.024	550.00	-0.017	310.00	0.033
780.00	-0.025	540.00	-0.015	300.00	0.033
770.00	-0.024	530.00	-0.014	290.00	0.039
760.00	-0.024	520.00	-0.014	280.00	0.045
750.00	-0.025	510.00	-0.011	270.00	0.050
740.00	-0.022	500.00	-0.011	260.00	0.054
730.00	-0.024	490.00	-0.010	250.00	0.057

720.00	-0.023	480.00	-0.008	240.00	0.061
710.00	-0.023	470.00	-0.007	230.00	0.068
700.00	-0.023	460.00	-0.007	220.00	0.077
690.00	-0.024	450.00	-0.005	210.00	0.088
680.00	-0.023	440.00	-0.004	200.00	0.104
670.00	-0.022	430.00	-0.006		

Sample Name: Sample 14 Rack 1 Tube 14

Collection Time 10/31/2019 1:23:37 PM

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

Wavelength (nm)	Abs
899.20	0.005
897.60	-0.005
896.00	-0.029
892.80	-0.017
886.40	-0.012
880.80	-0.019
879.20	-0.016
876.00	-0.016
871.20	-0.011
582.40	-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	-0.023	420.00	0.005
890.00	-0.028	650.00	-0.021	410.00	0.011
880.00	-0.031	640.00	-0.021	400.00	0.015
870.00	-0.024	630.00	-0.022	390.00	0.015
860.00	-0.023	620.00	-0.022	380.00	0.022
850.00	-0.024	610.00	-0.018	370.00	0.030
840.00	-0.027	600.00	-0.018	360.00	0.028
830.00	-0.023	590.00	-0.016	350.00	0.042
820.00	-0.022	580.00	-0.008	340.00	0.077
810.00	-0.023	570.00	-0.017	330.00	0.088
800.00	-0.024	560.00	-0.019	320.00	0.101
790.00	-0.024	550.00	-0.015	310.00	0.115
780.00	-0.026	540.00	-0.014	300.00	0.128
770.00	-0.023	530.00	-0.013	290.00	0.152
760.00	-0.023	520.00	-0.011	280.00	0.177
750.00	-0.025	510.00	-0.011	270.00	0.202
740.00	-0.024	500.00	-0.009	260.00	0.221
730.00	-0.023	490.00	-0.007	250.00	0.238
720.00	-0.024	480.00	-0.004	240.00	0.264
710.00	-0.024	470.00	-0.002	230.00	0.301
700.00	-0.023	460.00	-0.001	220.00	0.343
690.00	-0.023	450.00	0.002	210.00	0.398
680.00	-0.023	440.00	0.004	200.00	0.464
670.00	-0.021	430.00	0.004		

Sample Name: Sample 15 Rack 1 Tube 15

Collection Time 10/31/2019 1:26:49 PM

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

Wavelength (nm)	Abs
897.60	-0.010
891.20	-0.005
889.60	-0.010
884.80	-0.020
880.80	-0.009
878.40	-0.013
868.80	-0.017

865.60 -0.017
582.40 -0.007

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.019	660.00	-0.022	420.00	-0.002
890.00	-0.029	650.00	-0.021	410.00	0.004
880.00	-0.027	640.00	-0.022	400.00	0.007
870.00	-0.020	630.00	-0.024	390.00	0.004
860.00	-0.030	620.00	-0.024	380.00	0.008
850.00	-0.024	610.00	-0.020	370.00	0.008
840.00	-0.023	600.00	-0.020	360.00	0.009
830.00	-0.025	590.00	-0.016	350.00	0.011
820.00	-0.025	580.00	-0.008	340.00	0.041
810.00	-0.026	570.00	-0.019	330.00	0.044
800.00	-0.026	560.00	-0.021	320.00	0.050
790.00	-0.026	550.00	-0.017	310.00	0.059
780.00	-0.025	540.00	-0.015	300.00	0.059
770.00	-0.024	530.00	-0.014	290.00	0.072
760.00	-0.024	520.00	-0.013	280.00	0.082
750.00	-0.024	510.00	-0.011	270.00	0.092
740.00	-0.023	500.00	-0.009	260.00	0.101
730.00	-0.023	490.00	-0.010	250.00	0.109
720.00	-0.023	480.00	-0.008	240.00	0.121
710.00	-0.023	470.00	-0.007	230.00	0.136
700.00	-0.022	460.00	-0.005	220.00	0.156
690.00	-0.023	450.00	-0.003	210.00	0.183
680.00	-0.022	440.00	-0.002	200.00	0.221
670.00	-0.022	430.00	-0.002		

Sample Name: Sample 16 Rack 1 Tube 16

Collection Time 10/31/2019 1:30:02 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.000
893.60	-0.027
892.00	-0.012
888.80	-0.010
886.40	-0.010
884.80	-0.016
880.80	-0.012
872.80	-0.016
839.20	-0.018
582.40	-0.006
366.40	0.002

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.026	660.00	-0.022	420.00	-0.007
890.00	-0.030	650.00	-0.020	410.00	-0.001
880.00	-0.023	640.00	-0.021	400.00	0.001
870.00	-0.024	630.00	-0.023	390.00	-0.004
860.00	-0.023	620.00	-0.023	380.00	-0.003
850.00	-0.021	610.00	-0.018	370.00	0.000
840.00	-0.023	600.00	-0.019	360.00	-0.004
830.00	-0.025	590.00	-0.015	350.00	0.004
820.00	-0.023	580.00	-0.008	340.00	0.026
810.00	-0.025	570.00	-0.018	330.00	0.027
800.00	-0.027	560.00	-0.021	320.00	0.032
790.00	-0.026	550.00	-0.016	310.00	0.035
780.00	-0.025	540.00	-0.016	300.00	0.036
770.00	-0.024	530.00	-0.014	290.00	0.044
760.00	-0.023	520.00	-0.014	280.00	0.052
750.00	-0.026	510.00	-0.012	270.00	0.058
740.00	-0.024	500.00	-0.012	260.00	0.063
730.00	-0.024	490.00	-0.010	250.00	0.066

720.00	-0.023	480.00	-0.011	240.00	0.073
710.00	-0.024	470.00	-0.007	230.00	0.080
700.00	-0.023	460.00	-0.007	220.00	0.092
690.00	-0.023	450.00	-0.007	210.00	0.108
680.00	-0.022	440.00	-0.006	200.00	0.138
670.00	-0.021	430.00	-0.005		

Sample Name: Sample 17 Rack 1 Tube 17

Collection Time 10/31/2019 1:33:15 PM

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

Wavelength (nm)	Abs
897.60	-0.017
891.20	-0.022
888.80	-0.005
886.40	-0.006
883.20	-0.017
878.40	-0.012
873.60	-0.010
868.80	-0.017
852.00	-0.019
582.40	-0.009
363.20	0.006

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.048	660.00	-0.022	420.00	-0.005
890.00	-0.030	650.00	-0.021	410.00	-0.001
880.00	-0.026	640.00	-0.023	400.00	0.002
870.00	-0.026	630.00	-0.024	390.00	-0.001
860.00	-0.028	620.00	-0.024	380.00	0.000
850.00	-0.023	610.00	-0.020	370.00	0.000
840.00	-0.025	600.00	-0.021	360.00	-0.002
830.00	-0.024	590.00	-0.018	350.00	0.011
820.00	-0.025	580.00	-0.010	340.00	0.034
810.00	-0.023	570.00	-0.020	330.00	0.039
800.00	-0.027	560.00	-0.021	320.00	0.045
790.00	-0.025	550.00	-0.018	310.00	0.051
780.00	-0.025	540.00	-0.016	300.00	0.054
770.00	-0.024	530.00	-0.016	290.00	0.069
760.00	-0.024	520.00	-0.015	280.00	0.082
750.00	-0.025	510.00	-0.013	270.00	0.095
740.00	-0.024	500.00	-0.013	260.00	0.105
730.00	-0.024	490.00	-0.011	250.00	0.113
720.00	-0.025	480.00	-0.009	240.00	0.124
710.00	-0.023	470.00	-0.007	230.00	0.141
700.00	-0.023	460.00	-0.006	220.00	0.163
690.00	-0.023	450.00	-0.006	210.00	0.197
680.00	-0.022	440.00	-0.004	200.00	0.255
670.00	-0.022	430.00	-0.005		

Sample Name: Sample 18 Rack 1 Tube 18

Collection Time 10/31/2019 1:36:28 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	-0.016
893.60	-0.032
892.00	-0.010
889.60	-0.012
886.40	0.001

880.80	-0.011
878.40	-0.014
872.00	-0.015
863.20	-0.016
855.20	-0.019
582.40	-0.011
402.40	-0.007
352.00	-0.015

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	-0.012
890.00	-0.024	650.00	-0.024	410.00	-0.009
880.00	-0.025	640.00	-0.026	400.00	-0.010
870.00	-0.021	630.00	-0.027	390.00	-0.014
860.00	-0.027	620.00	-0.028	380.00	-0.012
850.00	-0.025	610.00	-0.024	370.00	-0.014
840.00	-0.026	600.00	-0.024	360.00	-0.019
830.00	-0.026	590.00	-0.020	350.00	-0.018
820.00	-0.025	580.00	-0.013	340.00	0.017
810.00	-0.024	570.00	-0.023	330.00	0.016
800.00	-0.028	560.00	-0.025	320.00	0.018
790.00	-0.027	550.00	-0.022	310.00	0.021
780.00	-0.025	540.00	-0.021	300.00	0.020
770.00	-0.026	530.00	-0.019	290.00	0.024
760.00	-0.026	520.00	-0.017	280.00	0.026
750.00	-0.027	510.00	-0.016	270.00	0.028
740.00	-0.026	500.00	-0.016	260.00	0.031
730.00	-0.026	490.00	-0.016	250.00	0.031
720.00	-0.027	480.00	-0.015	240.00	0.035
710.00	-0.026	470.00	-0.014	230.00	0.039
700.00	-0.025	460.00	-0.013	220.00	0.049
690.00	-0.026	450.00	-0.011	210.00	0.064
680.00	-0.025	440.00	-0.011	200.00	0.079
670.00	-0.025	430.00	-0.012		

Sample Name: Sample 19 Rack 1 Tube 19

Collection Time 10/31/2019 1:39:40 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.017
893.60	-0.017
892.00	-0.020
888.00	-0.016
884.80	-0.024
882.40	-0.026
880.80	-0.013
878.40	-0.018
874.40	-0.013
582.40	-0.011
408.80	-0.004
353.60	-0.002

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.018	660.00	-0.025	420.00	-0.010
890.00	-0.030	650.00	-0.023	410.00	-0.007
880.00	-0.030	640.00	-0.024	400.00	-0.005
870.00	-0.028	630.00	-0.027	390.00	-0.011
860.00	-0.028	620.00	-0.027	380.00	-0.009
850.00	-0.025	610.00	-0.022	370.00	-0.007
840.00	-0.024	600.00	-0.023	360.00	-0.010
830.00	-0.024	590.00	-0.020	350.00	-0.008
820.00	-0.023	580.00	-0.011	340.00	0.024
810.00	-0.025	570.00	-0.022	330.00	0.027
800.00	-0.030	560.00	-0.024	320.00	0.029

790.00	-0.026	550.00	-0.020	310.00	0.032
780.00	-0.027	540.00	-0.020	300.00	0.030
770.00	-0.025	530.00	-0.017	290.00	0.039
760.00	-0.024	520.00	-0.017	280.00	0.042
750.00	-0.027	510.00	-0.016	270.00	0.046
740.00	-0.025	500.00	-0.016	260.00	0.049
730.00	-0.026	490.00	-0.015	250.00	0.052
720.00	-0.026	480.00	-0.014	240.00	0.060
710.00	-0.025	470.00	-0.012	230.00	0.067
700.00	-0.026	460.00	-0.011	220.00	0.085
690.00	-0.025	450.00	-0.009	210.00	0.114
680.00	-0.025	440.00	-0.007	200.00	0.135
670.00	-0.024	430.00	-0.009		

Sample Name: Sample 20 Rack 1 Tube 20

Collection Time 10/31/2019 1:42:52 PM

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

Wavelength (nm)	Abs
898.40	-0.013
894.40	-0.014
891.20	-0.007
888.80	-0.019
884.80	-0.015
878.40	-0.014
873.60	-0.015
850.40	-0.019
583.20	-0.009
403.20	-0.004
353.60	-0.009

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.041	660.00	-0.023	420.00	-0.011
890.00	-0.035	650.00	-0.023	410.00	-0.007
880.00	-0.024	640.00	-0.024	400.00	-0.008
870.00	-0.024	630.00	-0.025	390.00	-0.012
860.00	-0.026	620.00	-0.026	380.00	-0.014
850.00	-0.025	610.00	-0.021	370.00	-0.012
840.00	-0.025	600.00	-0.021	360.00	-0.016
830.00	-0.026	590.00	-0.018	350.00	-0.016
820.00	-0.022	580.00	-0.011	340.00	0.015
810.00	-0.026	570.00	-0.021	330.00	0.015
800.00	-0.026	560.00	-0.023	320.00	0.018
790.00	-0.025	550.00	-0.019	310.00	0.022
780.00	-0.027	540.00	-0.017	300.00	0.019
770.00	-0.025	530.00	-0.016	290.00	0.022
760.00	-0.025	520.00	-0.015	280.00	0.023
750.00	-0.026	510.00	-0.015	270.00	0.025
740.00	-0.025	500.00	-0.016	260.00	0.026
730.00	-0.026	490.00	-0.015	250.00	0.026
720.00	-0.026	480.00	-0.013	240.00	0.027
710.00	-0.024	470.00	-0.011	230.00	0.027
700.00	-0.023	460.00	-0.010	220.00	0.030
690.00	-0.025	450.00	-0.008	210.00	0.033
680.00	-0.023	440.00	-0.008	200.00	0.038
670.00	-0.023	430.00	-0.011		

Sample Name: Sample 21 Rack 1 Tube 21

Collection Time 10/31/2019 1:46:06 PM

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

Wavelength (nm) Abs

899.20	-0.001
896.00	-0.025
894.40	-0.011
891.20	-0.021
889.60	-0.017
886.40	-0.014
880.80	-0.014
878.40	-0.013
872.00	-0.012
865.60	-0.018
582.40	-0.009
364.00	-0.002
352.00	-0.002

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.015	660.00	-0.022	420.00	-0.006
890.00	-0.028	650.00	-0.021	410.00	-0.004
880.00	-0.028	640.00	-0.022	400.00	-0.003
870.00	-0.018	630.00	-0.024	390.00	-0.007
860.00	-0.027	620.00	-0.024	380.00	-0.007
850.00	-0.024	610.00	-0.020	370.00	-0.007
840.00	-0.022	600.00	-0.021	360.00	-0.011
830.00	-0.023	590.00	-0.018	350.00	-0.010
820.00	-0.021	580.00	-0.010	340.00	0.026
810.00	-0.024	570.00	-0.021	330.00	0.028
800.00	-0.025	560.00	-0.023	320.00	0.030
790.00	-0.024	550.00	-0.020	310.00	0.035
780.00	-0.026	540.00	-0.019	300.00	0.034
770.00	-0.023	530.00	-0.017	290.00	0.041
760.00	-0.023	520.00	-0.016	280.00	0.046
750.00	-0.024	510.00	-0.014	270.00	0.050
740.00	-0.025	500.00	-0.014	260.00	0.054
730.00	-0.024	490.00	-0.012	250.00	0.058
720.00	-0.024	480.00	-0.010	240.00	0.065
710.00	-0.025	470.00	-0.008	230.00	0.074
700.00	-0.023	460.00	-0.006	220.00	0.093
690.00	-0.023	450.00	-0.004	210.00	0.118
680.00	-0.023	440.00	-0.004	200.00	0.140
670.00	-0.021	430.00	-0.005		

Sample Name: Sample 22 Rack 1 Tube 22

Collection Time 10/31/2019 1:49:17 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.013
897.60	-0.020
893.60	-0.002
892.00	-0.017
886.40	-0.013
880.80	-0.010
878.40	-0.015
872.00	-0.015
864.80	-0.018
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	-0.021	420.00	0.027
890.00	-0.027	650.00	-0.020	410.00	0.035
880.00	-0.033	640.00	-0.020	400.00	0.042
870.00	-0.022	630.00	-0.022	390.00	0.049
860.00	-0.025	620.00	-0.022	380.00	0.061
850.00	-0.023	610.00	-0.017	370.00	0.078
840.00	-0.026	600.00	-0.017	360.00	0.090

830.00	-0.025	590.00	-0.012	350.00	0.112
820.00	-0.023	580.00	-0.004	340.00	0.163
810.00	-0.025	570.00	-0.014	330.00	0.185
800.00	-0.024	560.00	-0.016	320.00	0.211
790.00	-0.025	550.00	-0.011	310.00	0.242
780.00	-0.025	540.00	-0.011	300.00	0.275
770.00	-0.024	530.00	-0.007	290.00	0.314
760.00	-0.024	520.00	-0.005	280.00	0.354
750.00	-0.025	510.00	-0.003	270.00	0.397
740.00	-0.022	500.00	-0.003	260.00	0.436
730.00	-0.023	490.00	0.001	250.00	0.473
720.00	-0.023	480.00	0.003	240.00	0.527
710.00	-0.023	470.00	0.007	230.00	0.599
700.00	-0.022	460.00	0.010	220.00	0.682
690.00	-0.022	450.00	0.015	210.00	0.780
680.00	-0.021	440.00	0.020	200.00	0.851
670.00	-0.021	430.00	0.022		

Sample Name: Sample 23 Rack 1 Tube 23

Collection Time 10/31/2019 1:52:29 PM

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

Wavelength (nm)	Abs
897.60	-0.011
896.00	-0.016
893.60	-0.011
891.20	-0.017
888.80	-0.021
886.40	-0.010
880.80	-0.013
878.40	-0.009
868.80	-0.019
864.80	-0.020
582.40	-0.005

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.011	660.00	-0.022	420.00	0.013
890.00	-0.029	650.00	-0.021	410.00	0.019
880.00	-0.026	640.00	-0.021	400.00	0.026
870.00	-0.024	630.00	-0.024	390.00	0.027
860.00	-0.026	620.00	-0.022	380.00	0.034
850.00	-0.024	610.00	-0.018	370.00	0.041
840.00	-0.023	600.00	-0.018	360.00	0.046
830.00	-0.025	590.00	-0.014	350.00	0.056
820.00	-0.023	580.00	-0.006	340.00	0.103
810.00	-0.025	570.00	-0.017	330.00	0.117
800.00	-0.027	560.00	-0.018	320.00	0.132
790.00	-0.026	550.00	-0.015	310.00	0.151
780.00	-0.027	540.00	-0.014	300.00	0.169
770.00	-0.024	530.00	-0.012	290.00	0.197
760.00	-0.024	520.00	-0.010	280.00	0.223
750.00	-0.025	510.00	-0.010	270.00	0.254
740.00	-0.024	500.00	-0.008	260.00	0.280
730.00	-0.025	490.00	-0.007	250.00	0.301
720.00	-0.025	480.00	-0.002	240.00	0.331
710.00	-0.024	470.00	0.000	230.00	0.374
700.00	-0.024	460.00	0.001	220.00	0.424
690.00	-0.023	450.00	0.004	210.00	0.483
680.00	-0.022	440.00	0.009	200.00	0.530
670.00	-0.021	430.00	0.009		

Sample Name: Sample 24 Rack 1 Tube 24

Collection Time 10/31/2019 1:55:40 PM

Peak Table
Peak Style Peaks

Peak Threshold 0.0100
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.011
897.60	-0.007
893.60	-0.002
891.20	-0.017
886.40	-0.014
878.40	-0.018
873.60	-0.014
582.40	-0.010
364.00	0.003
353.60	0.000

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.033	660.00	-0.024	420.00	-0.008
890.00	-0.034	650.00	-0.023	410.00	-0.003
880.00	-0.026	640.00	-0.023	400.00	-0.001
870.00	-0.022	630.00	-0.026	390.00	-0.006
860.00	-0.027	620.00	-0.027	380.00	-0.002
850.00	-0.026	610.00	-0.022	370.00	-0.002
840.00	-0.024	600.00	-0.021	360.00	-0.004
830.00	-0.027	590.00	-0.018	350.00	-0.003
820.00	-0.024	580.00	-0.011	340.00	0.037
810.00	-0.025	570.00	-0.021	330.00	0.042
800.00	-0.027	560.00	-0.022	320.00	0.047
790.00	-0.026	550.00	-0.019	310.00	0.053
780.00	-0.028	540.00	-0.017	300.00	0.057
770.00	-0.026	530.00	-0.017	290.00	0.070
760.00	-0.025	520.00	-0.016	280.00	0.080
750.00	-0.026	510.00	-0.017	270.00	0.093
740.00	-0.026	500.00	-0.015	260.00	0.104
730.00	-0.025	490.00	-0.014	250.00	0.111
720.00	-0.026	480.00	-0.012	240.00	0.125
710.00	-0.025	470.00	-0.009	230.00	0.142
700.00	-0.024	460.00	-0.008	220.00	0.163
690.00	-0.024	450.00	-0.008	210.00	0.193
680.00	-0.023	440.00	-0.007	200.00	0.230
670.00	-0.023	430.00	-0.009		

Sample Name: Sample 25 Rack 1 Tube 25

Collection Time 10/31/2019 1:58:52 PM

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

Wavelength (nm)	Abs
892.00	0.002
889.60	-0.017
886.40	-0.016
884.00	-0.016
880.80	-0.013
878.40	-0.008
872.00	-0.008
582.40	-0.004

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.002	660.00	-0.021	420.00	0.023
890.00	-0.024	650.00	-0.019	410.00	0.033
880.00	-0.026	640.00	-0.020	400.00	0.039
870.00	-0.021	630.00	-0.022	390.00	0.043
860.00	-0.025	620.00	-0.022	380.00	0.054
850.00	-0.025	610.00	-0.018	370.00	0.066
840.00	-0.024	600.00	-0.018	360.00	0.077
830.00	-0.024	590.00	-0.013	350.00	0.091

820.00	-0.025	580.00	-0.006	340.00	0.141
810.00	-0.026	570.00	-0.016	330.00	0.162
800.00	-0.027	560.00	-0.017	320.00	0.186
790.00	-0.026	550.00	-0.013	310.00	0.213
780.00	-0.027	540.00	-0.011	300.00	0.240
770.00	-0.024	530.00	-0.010	290.00	0.278
760.00	-0.023	520.00	-0.008	280.00	0.316
750.00	-0.025	510.00	-0.007	270.00	0.359
740.00	-0.022	500.00	-0.007	260.00	0.395
730.00	-0.025	490.00	-0.005	250.00	0.426
720.00	-0.025	480.00	-0.001	240.00	0.471
710.00	-0.023	470.00	0.004	230.00	0.534
700.00	-0.023	460.00	0.006	220.00	0.603
690.00	-0.022	450.00	0.010	210.00	0.685
680.00	-0.022	440.00	0.015	200.00	0.746
670.00	-0.020	430.00	0.019		

Sample Name: Sample 26 Rack 1 Tube 26

Collection Time 10/31/2019 2:02:05 PM

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

Wavelength (nm)	Abs
899.20	0.007
896.80	-0.024
894.40	-0.024
892.00	-0.009
888.80	-0.018
887.20	-0.020
880.80	-0.010
878.40	-0.006
872.00	-0.013
864.80	-0.015
582.40	0.004

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.014	660.00	-0.018	420.00	0.050
890.00	-0.026	650.00	-0.016	410.00	0.063
880.00	-0.026	640.00	-0.016	400.00	0.076
870.00	-0.023	630.00	-0.018	390.00	0.085
860.00	-0.025	620.00	-0.017	380.00	0.102
850.00	-0.022	610.00	-0.011	370.00	0.125
840.00	-0.021	600.00	-0.011	360.00	0.149
830.00	-0.025	590.00	-0.006	350.00	0.173
820.00	-0.021	580.00	0.002	340.00	0.237
810.00	-0.023	570.00	-0.007	330.00	0.270
800.00	-0.024	560.00	-0.008	320.00	0.310
790.00	-0.023	550.00	-0.004	310.00	0.350
780.00	-0.024	540.00	-0.001	300.00	0.395
770.00	-0.023	530.00	0.002	290.00	0.447
760.00	-0.022	520.00	0.004	280.00	0.506
750.00	-0.023	510.00	0.006	270.00	0.567
740.00	-0.022	500.00	0.009	260.00	0.623
730.00	-0.022	490.00	0.012	250.00	0.669
720.00	-0.021	480.00	0.017	240.00	0.735
710.00	-0.021	470.00	0.022	230.00	0.827
700.00	-0.020	460.00	0.027	220.00	0.924
690.00	-0.020	450.00	0.031	210.00	1.031
680.00	-0.018	440.00	0.038	200.00	1.099
670.00	-0.017	430.00	0.044		

Sample Name: Sample 27 Rack 1 Tube 27

Collection Time 10/31/2019 2:05:19 PM

Peak Table
Peak Style Peaks
Peak Threshold 0.0100

Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.012
892.00	-0.015
890.40	-0.015
888.80	-0.023
886.40	-0.020
880.80	-0.013
876.00	-0.014
851.20	-0.019
582.40	-0.006

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.018	660.00	-0.021	420.00	0.013
890.00	-0.029	650.00	-0.020	410.00	0.021
880.00	-0.024	640.00	-0.020	400.00	0.027
870.00	-0.022	630.00	-0.023	390.00	0.028
860.00	-0.026	620.00	-0.023	380.00	0.038
850.00	-0.024	610.00	-0.018	370.00	0.047
840.00	-0.024	600.00	-0.018	360.00	0.050
830.00	-0.024	590.00	-0.015	350.00	0.070
820.00	-0.023	580.00	-0.008	340.00	0.116
810.00	-0.025	570.00	-0.017	330.00	0.129
800.00	-0.024	560.00	-0.019	320.00	0.152
790.00	-0.024	550.00	-0.016	310.00	0.172
780.00	-0.027	540.00	-0.014	300.00	0.192
770.00	-0.023	530.00	-0.013	290.00	0.220
760.00	-0.024	520.00	-0.010	280.00	0.249
750.00	-0.025	510.00	-0.009	270.00	0.283
740.00	-0.022	500.00	-0.008	260.00	0.311
730.00	-0.024	490.00	-0.006	250.00	0.337
720.00	-0.024	480.00	-0.003	240.00	0.372
710.00	-0.023	470.00	0.000	230.00	0.418
700.00	-0.023	460.00	0.002	220.00	0.467
690.00	-0.022	450.00	0.005	210.00	0.527
680.00	-0.022	440.00	0.009	200.00	0.571
670.00	-0.020	430.00	0.010		

Sample Name: Sample 28 Rack 1 Tube 28

Collection Time 10/31/2019 2:08:32 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.00	-0.013
894.40	-0.023
892.00	-0.018
886.40	-0.007
882.40	-0.021
879.20	-0.017
871.20	-0.015
582.40	-0.004

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.002	660.00	-0.021	420.00	0.019
890.00	-0.035	650.00	-0.019	410.00	0.028
880.00	-0.031	640.00	-0.019	400.00	0.034
870.00	-0.022	630.00	-0.021	390.00	0.035
860.00	-0.024	620.00	-0.022	380.00	0.047
850.00	-0.025	610.00	-0.017	370.00	0.058
840.00	-0.025	600.00	-0.018	360.00	0.064
830.00	-0.026	590.00	-0.013	350.00	0.090
820.00	-0.024	580.00	-0.006	340.00	0.132
810.00	-0.027	570.00	-0.015	330.00	0.151

800.00	-0.025	560.00	-0.017	320.00	0.173
790.00	-0.025	550.00	-0.012	310.00	0.199
780.00	-0.027	540.00	-0.011	300.00	0.224
770.00	-0.023	530.00	-0.009	290.00	0.261
760.00	-0.024	520.00	-0.008	280.00	0.298
750.00	-0.023	510.00	-0.007	270.00	0.339
740.00	-0.024	500.00	-0.005	260.00	0.374
730.00	-0.024	490.00	-0.003	250.00	0.405
720.00	-0.023	480.00	0.000	240.00	0.446
710.00	-0.023	470.00	0.003	230.00	0.509
700.00	-0.023	460.00	0.006	220.00	0.579
690.00	-0.021	450.00	0.009	210.00	0.663
680.00	-0.022	440.00	0.014	200.00	0.728
670.00	-0.019	430.00	0.016		

Sample Name: Sample 29 Rack 1 Tube 29

Collection Time 10/31/2019 2:11:45 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.011
897.60	-0.006
892.00	-0.020
889.60	-0.016
886.40	-0.008
880.80	-0.012
873.60	-0.010
864.80	-0.018
582.40	-0.005

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.001	660.00	-0.021	420.00	0.014
890.00	-0.027	650.00	-0.019	410.00	0.024
880.00	-0.020	640.00	-0.021	400.00	0.029
870.00	-0.022	630.00	-0.023	390.00	0.031
860.00	-0.027	620.00	-0.023	380.00	0.039
850.00	-0.023	610.00	-0.018	370.00	0.048
840.00	-0.025	600.00	-0.017	360.00	0.056
830.00	-0.025	590.00	-0.013	350.00	0.068
820.00	-0.026	580.00	-0.006	340.00	0.117
810.00	-0.025	570.00	-0.017	330.00	0.134
800.00	-0.027	560.00	-0.019	320.00	0.153
790.00	-0.026	550.00	-0.014	310.00	0.174
780.00	-0.027	540.00	-0.013	300.00	0.191
770.00	-0.024	530.00	-0.011	290.00	0.222
760.00	-0.023	520.00	-0.011	280.00	0.253
750.00	-0.024	510.00	-0.009	270.00	0.288
740.00	-0.023	500.00	-0.007	260.00	0.318
730.00	-0.024	490.00	-0.005	250.00	0.340
720.00	-0.024	480.00	-0.002	240.00	0.374
710.00	-0.023	470.00	0.000	230.00	0.423
700.00	-0.023	460.00	0.004	220.00	0.493
690.00	-0.023	450.00	0.006	210.00	0.578
680.00	-0.022	440.00	0.009	200.00	0.636
670.00	-0.020	430.00	0.012		

Sample Name: Sample 30 Rack 1 Tube 30

Collection Time 10/31/2019 2:14:57 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
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899.20	0.015
897.60	-0.015
893.60	-0.026
892.00	-0.020
889.60	-0.020
886.40	-0.011
884.00	-0.017
880.80	-0.009
878.40	-0.015
872.00	-0.015
860.80	-0.020
582.40	-0.008
364.00	0.026

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.015	660.00	-0.024	420.00	-0.001
890.00	-0.031	650.00	-0.024	410.00	0.006
880.00	-0.034	640.00	-0.024	400.00	0.010
870.00	-0.025	630.00	-0.025	390.00	0.008
860.00	-0.027	620.00	-0.026	380.00	0.012
850.00	-0.026	610.00	-0.020	370.00	0.020
840.00	-0.023	600.00	-0.020	360.00	0.022
830.00	-0.027	590.00	-0.018	350.00	0.029
820.00	-0.024	580.00	-0.010	340.00	0.067
810.00	-0.027	570.00	-0.019	330.00	0.078
800.00	-0.028	560.00	-0.022	320.00	0.088
790.00	-0.027	550.00	-0.018	310.00	0.102
780.00	-0.027	540.00	-0.017	300.00	0.113
770.00	-0.024	530.00	-0.017	290.00	0.131
760.00	-0.024	520.00	-0.016	280.00	0.148
750.00	-0.027	510.00	-0.016	270.00	0.167
740.00	-0.025	500.00	-0.015	260.00	0.184
730.00	-0.025	490.00	-0.013	250.00	0.197
720.00	-0.026	480.00	-0.011	240.00	0.217
710.00	-0.025	470.00	-0.009	230.00	0.246
700.00	-0.025	460.00	-0.007	220.00	0.288
690.00	-0.024	450.00	-0.004	210.00	0.346
680.00	-0.026	440.00	-0.002	200.00	0.387
670.00	-0.023	430.00	-0.003		

Sample Name: Sample 31 Rack 1 Tube 31

Collection Time 10/31/2019 2:18:09 PM

Peak Table

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

Wavelength (nm)	Abs
899.20	0.005
897.60	-0.008
893.60	-0.022
892.00	-0.018
887.20	-0.013
883.20	-0.014
880.80	-0.018
879.20	-0.018
868.80	-0.018
863.20	-0.018
582.40	-0.009
403.20	-0.009
353.60	-0.018

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.035	660.00	-0.025	420.00	-0.014
890.00	-0.041	650.00	-0.023	410.00	-0.011
880.00	-0.029	640.00	-0.023	400.00	-0.011
870.00	-0.024	630.00	-0.026	390.00	-0.018
860.00	-0.025	620.00	-0.026	380.00	-0.014

850.00	-0.026	610.00	-0.022	370.00	-0.016
840.00	-0.025	600.00	-0.022	360.00	-0.021
830.00	-0.025	590.00	-0.018	350.00	-0.024
820.00	-0.025	580.00	-0.010	340.00	0.015
810.00	-0.025	570.00	-0.021	330.00	0.014
800.00	-0.028	560.00	-0.025	320.00	0.017
790.00	-0.026	550.00	-0.021	310.00	0.017
780.00	-0.026	540.00	-0.018	300.00	0.014
770.00	-0.025	530.00	-0.018	290.00	0.016
760.00	-0.025	520.00	-0.017	280.00	0.015
750.00	-0.025	510.00	-0.015	270.00	0.017
740.00	-0.025	500.00	-0.017	260.00	0.017
730.00	-0.025	490.00	-0.016	250.00	0.017
720.00	-0.026	480.00	-0.015	240.00	0.020
710.00	-0.025	470.00	-0.015	230.00	0.021
700.00	-0.025	460.00	-0.013	220.00	0.024
690.00	-0.025	450.00	-0.012	210.00	0.027
680.00	-0.024	440.00	-0.011	200.00	0.033
670.00	-0.023	430.00	-0.013		