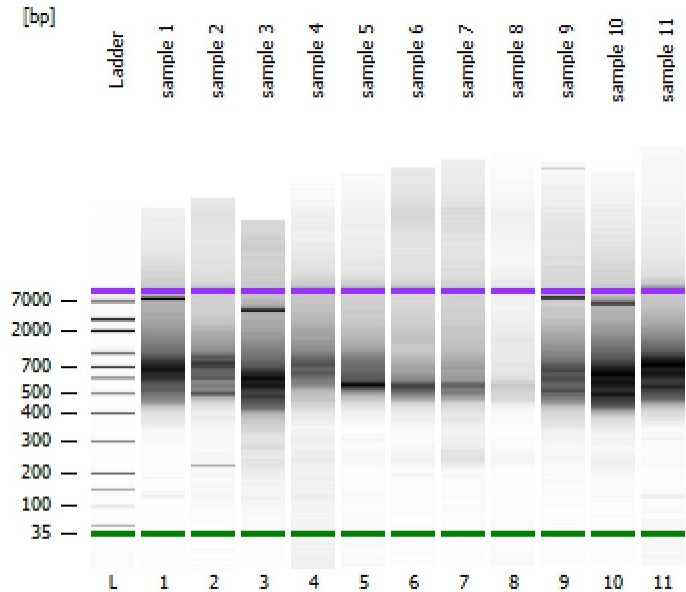


Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
Modified: 2/28/2020 4:04:38 PM

Electrophoresis File Run Summary



Instrument Information:

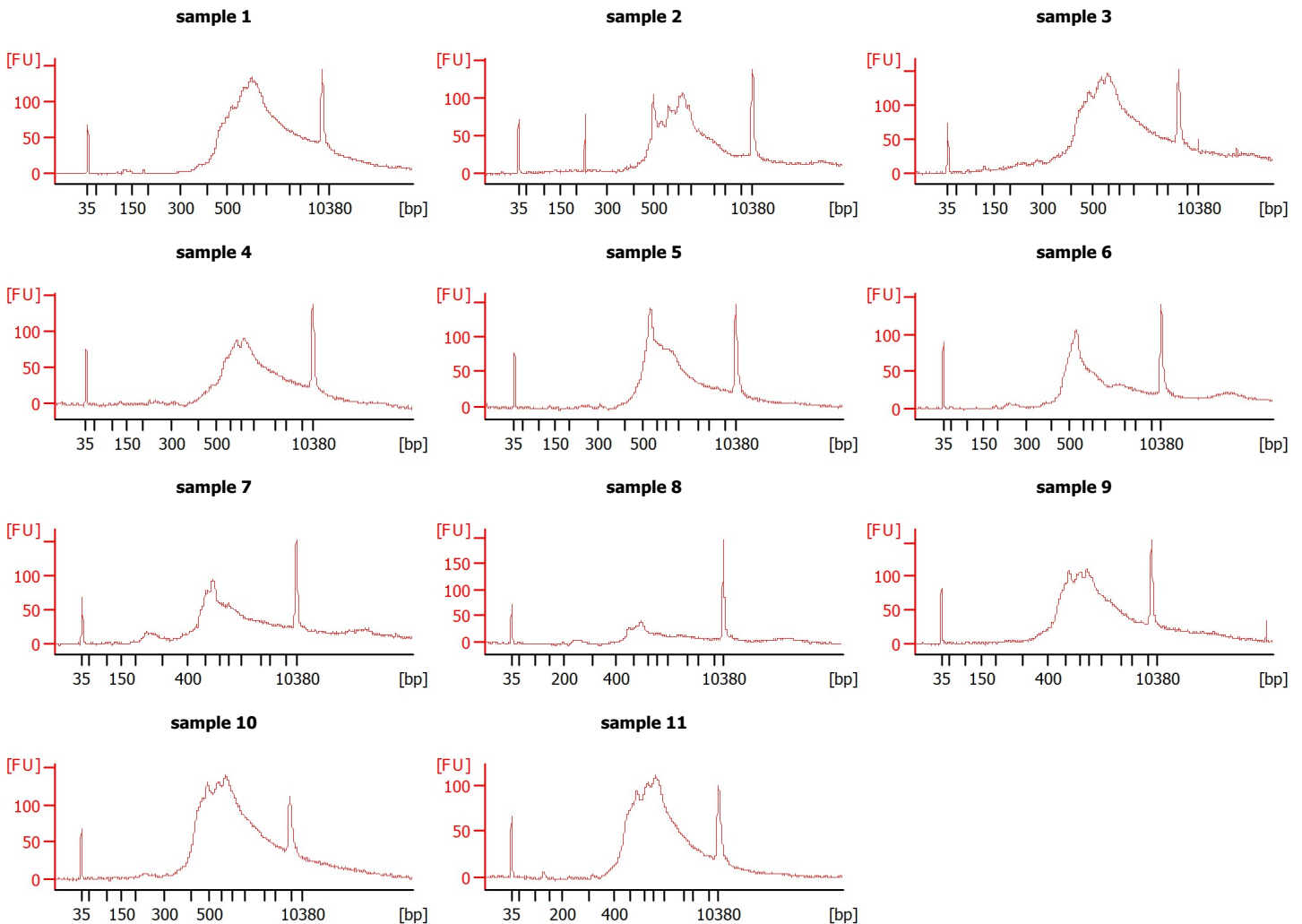
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 1		<input type="checkbox"/>	✓			
sample 2		<input type="checkbox"/>	✓			
sample 3		<input type="checkbox"/>	✓			
sample 4		<input type="checkbox"/>	✓			
sample 5		<input type="checkbox"/>	✓			
sample 6		<input type="checkbox"/>	✓			
sample 7		<input type="checkbox"/>	✓			
sample 8		<input type="checkbox"/>	✓			
sample 9		<input type="checkbox"/>	✓			
sample 10		<input type="checkbox"/>	✓			
sample 11		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
 Minimum Visible Range [s] : 32
 Maximum Visible Range [s] : 138
 Start Analysis Time Range [s] : 33
 End Analysis Time Range [s] : 137.5
 Ladder Concentration [pg/μl] : 1950
 Uses Standard Area for Ladder Fragments
 Lower Marker Concentration [pg/μl] : 125
 Upper Marker Concentration [pg/μl] : 75
 Used Upper Marker for Quantitation
 Standard Curve Fit is Point to Point
 Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
 Integration End Time [s] : 137
 Slope Threshold : 0.8
 Height Threshold [FU] : 5
 Area Threshold : 0.1
 Width Threshold [s] : 0.6
 Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
 Polynomial Order : 4

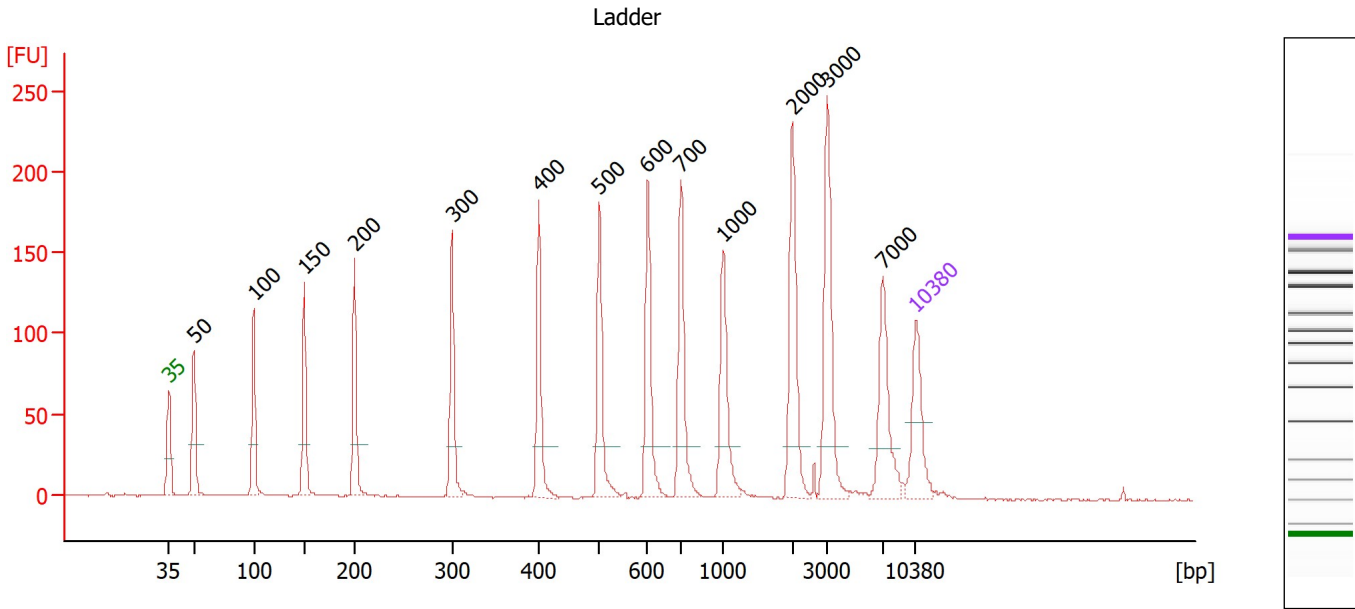
Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

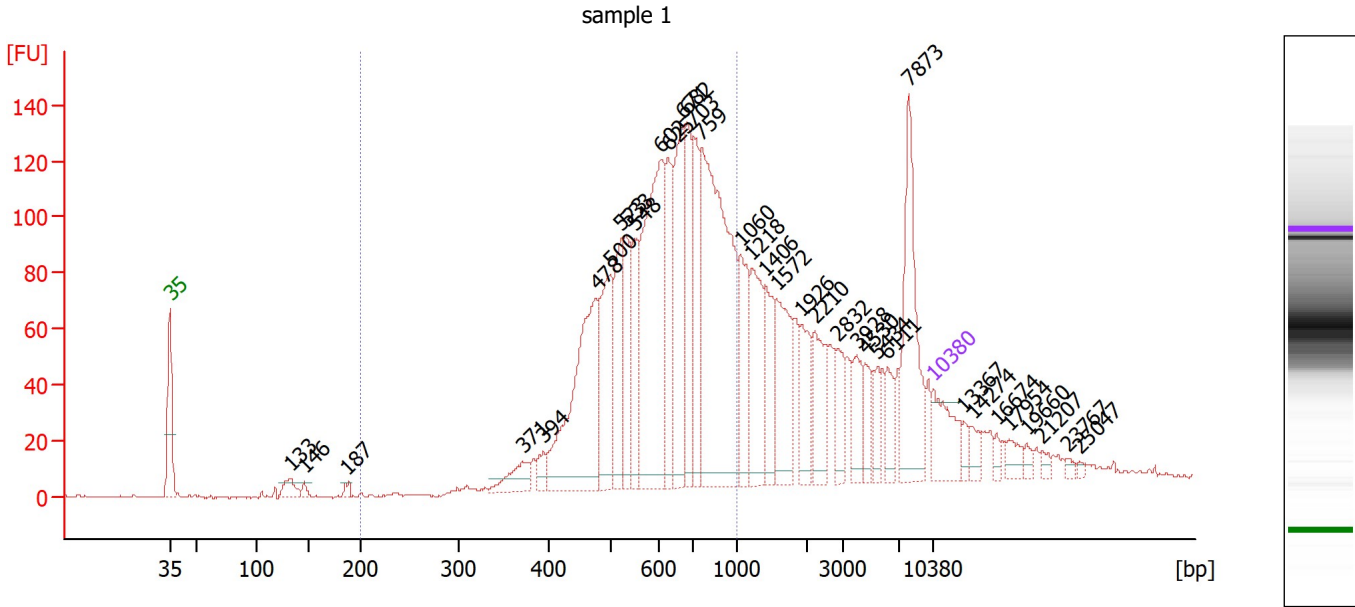
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : sample 1

Number of peaks found: 36 Corr. Area 1: 1,760.4
 Noise: 0.4

Peak table for sample 1 : sample 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	133	38.03	434.3	
3	146	11.96	124.1	
4	187	10.80	87.7	
5	371	54.67	223.3	
6	394	25.82	99.2	
7	478	379.95	1,204.9	
8	500	192.45	583.0	
9	523	142.26	412.1	
10	533	116.13	330.3	
11	548	128.50	355.3	
12	602	425.02	1,070.1	
13	625	137.44	333.0	
14	671	227.89	514.4	
15	682	163.29	362.6	
16	703	157.30	339.1	
17	759	604.17	1,206.8	
18	1,060	118.16	168.8	
19	1,218	138.14	171.8	
20	1,406	95.18	102.5	
21	1,572	133.37	128.5	
22	1,926	72.79	57.3	
23	2,210	88.36	60.6	
24	2,832	51.94	27.8	
25	3,928	55.22	21.3	
26	4,530	35.63	11.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad


Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : sample 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	5,434	32.10	9.0	
28	6,111	39.93	9.9	
29	7,873	193.56	37.2	
30	10,380	75.00	10.9	Upper Marker
31	13,367	0.00	0.0	
32	14,274	0.00	0.0	
33	16,674	0.00	0.0	
34	17,954	0.00	0.0	
35	19,660	0.00	0.0	
36	21,207	0.00	0.0	
37	23,767	0.00	0.0	
38	25,047	0.00	0.0	

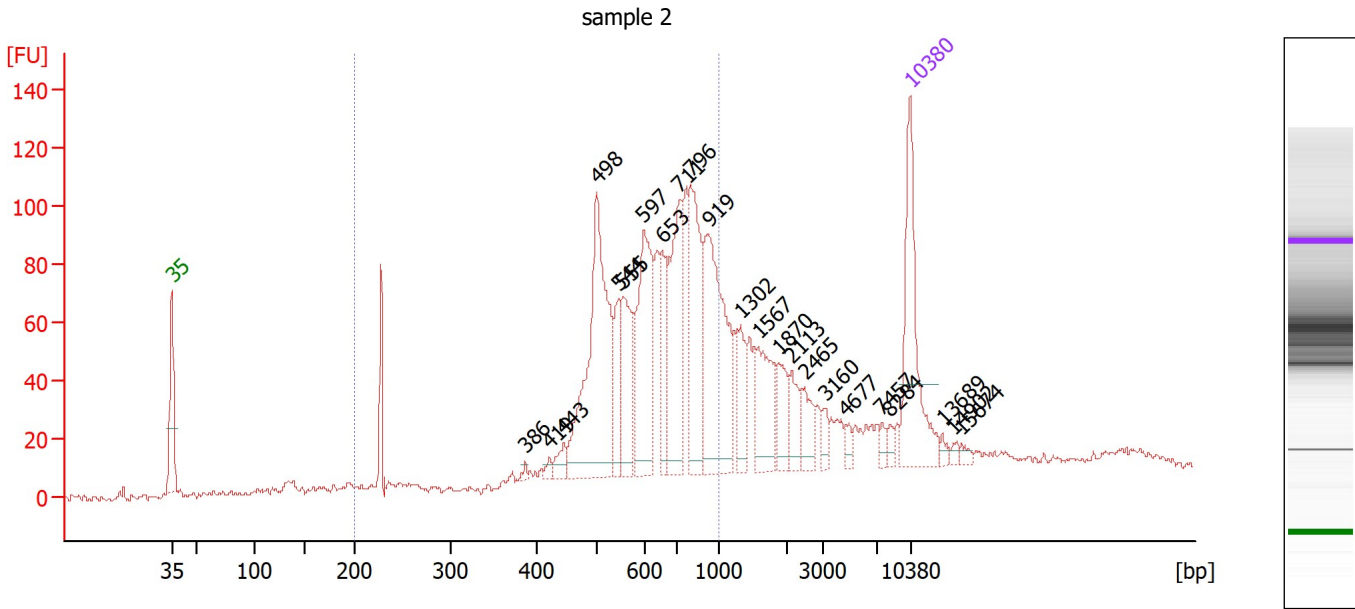
Region table for sample 1 : sample 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,760.4	60	637	23.7	2,693.98	6,889.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 2

Number of peaks found: 23 Corr. Area 1: 1,196.9
 Noise: 1.3

Peak table for sample 2 : sample 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	386	2.47	9.7	
3	419	4.78	17.3	
4	443	11.19	38.2	
5	498	187.44	569.8	
6	544	35.08	97.7	
7	555	54.67	149.2	
8	597	103.71	263.2	
9	653	38.91	90.3	
10	711	96.56	205.7	
11	796	95.57	181.9	
12	919	131.84	217.4	
13	1,302	25.51	29.7	
14	1,567	45.35	43.8	
15	1,870	20.09	16.3	
16	2,113	19.45	13.9	
17	2,465	16.42	10.1	
18	3,160	7.99	3.8	
19	4,677	5.43	1.8	
20	7,457	4.85	1.0	
21	8,284	4.97	0.9	
22	10,380	75.00	10.9	Upper Marker
23	13,689	0.00	0.0	
24	14,902	0.00	0.0	
25	15,674	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...

... Region table for sample 2 :

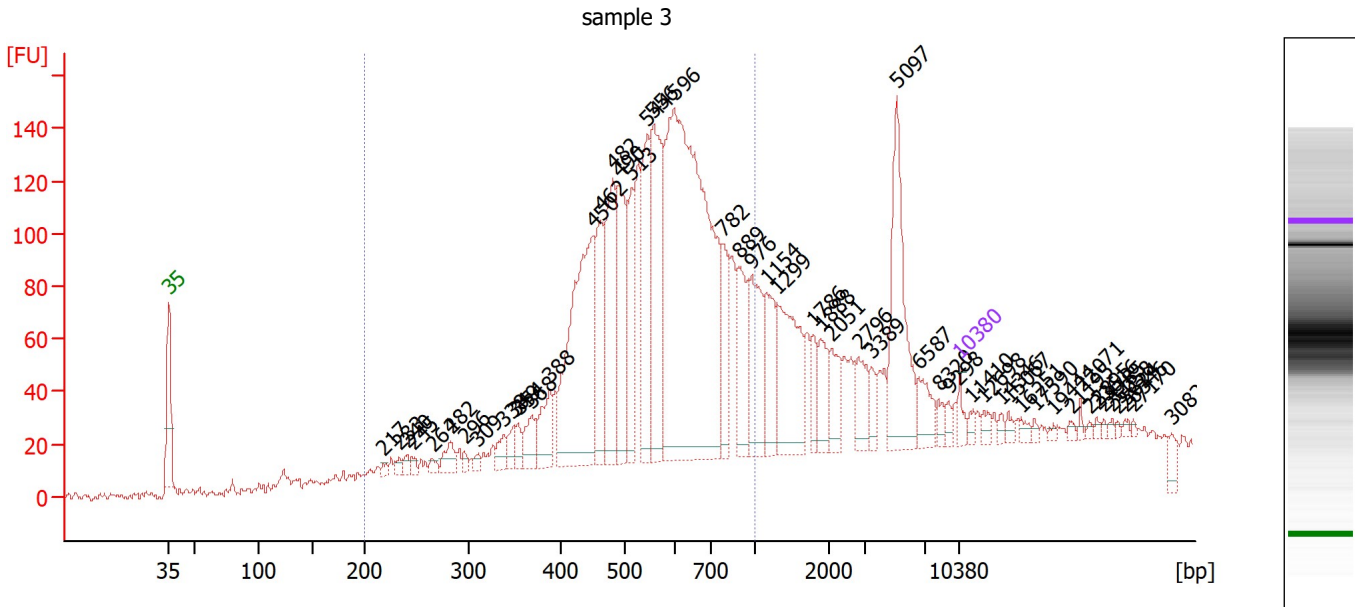
sample 2

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,196.9	67	651	24.7	846.46	2,201.2	■

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : sample 3

Number of peaks found: 52 Corr. Area 1: 2,358.9
 Noise: 1.5

Peak table for sample 3 : sample 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	217	44.62	311.0	
3	233	59.26	385.6	
4	240	61.06	385.4	
5	245	54.03	333.8	
6	264	57.16	327.6	
7	282	158.28	849.2	
8	296	51.34	262.9	
9	309	46.08	226.2	
10	338	115.78	519.6	
11	349	112.84	489.6	
12	354	102.30	438.0	
13	368	213.77	879.3	
14	388	345.26	1,348.1	
15	450	1,930.77	6,500.4	
16	462	745.91	2,448.2	
17	482	953.92	3,001.6	
18	490	915.34	2,831.5	
19	513	550.19	1,623.9	
20	544	803.77	2,239.6	
21	556	1,203.69	3,277.9	
22	596	4,385.82	11,144.7	
23	782	388.35	752.6	
24	889	527.35	898.3	
25	976	547.63	850.5	
26	1,154	413.64	543.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : sample 3

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	1,299	786.59	917.3	
28	1,786	161.51	137.0	
29	1,888	226.05	181.4	
30	2,051	218.48	161.4	
31	2,796	214.57	116.3	
32	3,389	105.28	47.1	
33	5,097	893.63	265.6	
34	6,587	198.66	45.7	
35	8,320	61.18	11.1	
36	9,298	47.56	7.7	
37	10,380	75.00	10.9	Upper Marker
38	11,410	0.00	0.0	
39	12,698	0.00	0.0	
40	14,346	0.00	0.0	
41	15,067	0.00	0.0	
42	16,251	0.00	0.0	
43	17,590	0.00	0.0	
44	19,444	0.00	0.0	
45	21,195	0.00	0.0	
46	22,071	0.00	0.0	
47	22,895	0.00	0.0	
48	23,616	0.00	0.0	
49	24,285	0.00	0.0	
50	25,058	0.00	0.0	
51	25,624	0.00	0.0	
52	26,346	0.00	0.0	
53	27,170	0.00	0.0	
54	30,826	0.00	0.0	

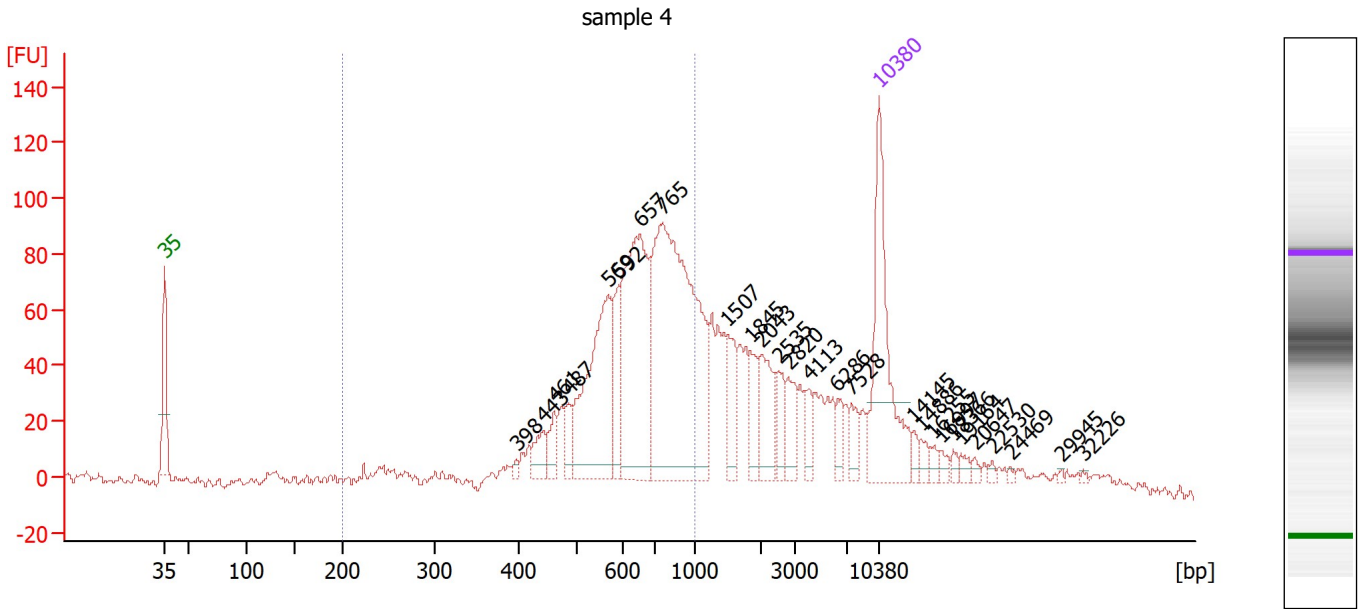
Region table for sample 3 : sample 3

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/µl]	Molarity [pmol/l]	Color
200	1,000	2,358.9	70	568	27.9	16,357.84	49,364.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : sample 4

Number of peaks found: 27 Corr. Area 1: 1,186.3
 Noise: 1.8

Peak table for sample 4 : sample 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	398	2.89	11.0	
3	443	15.04	51.5	
4	461	13.80	45.3	
5	487	13.91	43.3	
6	569	108.23	288.0	
7	592	28.67	73.4	
8	657	137.10	316.2	
9	765	248.77	492.4	
10	1,507	22.24	22.4	
11	1,845	16.80	13.8	
12	2,043	26.18	19.4	
13	2,535	13.54	8.1	
14	2,820	16.90	9.1	
15	4,113	11.29	4.2	
16	6,286	9.23	2.2	
17	7,528	9.86	2.0	
18	10,380	75.00	10.9	Upper Marker
19	14,145	0.00	0.0	
20	14,886	0.00	0.0	
21	16,255	0.00	0.0	
22	16,997	0.00	0.0	
23	18,366	0.00	0.0	
24	19,164	0.00	0.0	
25	20,647	0.00	0.0	
26	22,530	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : sample 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	24,469	0.00	0.0	
28	29,945	0.00	0.0	
29	32,226	0.00	0.0	

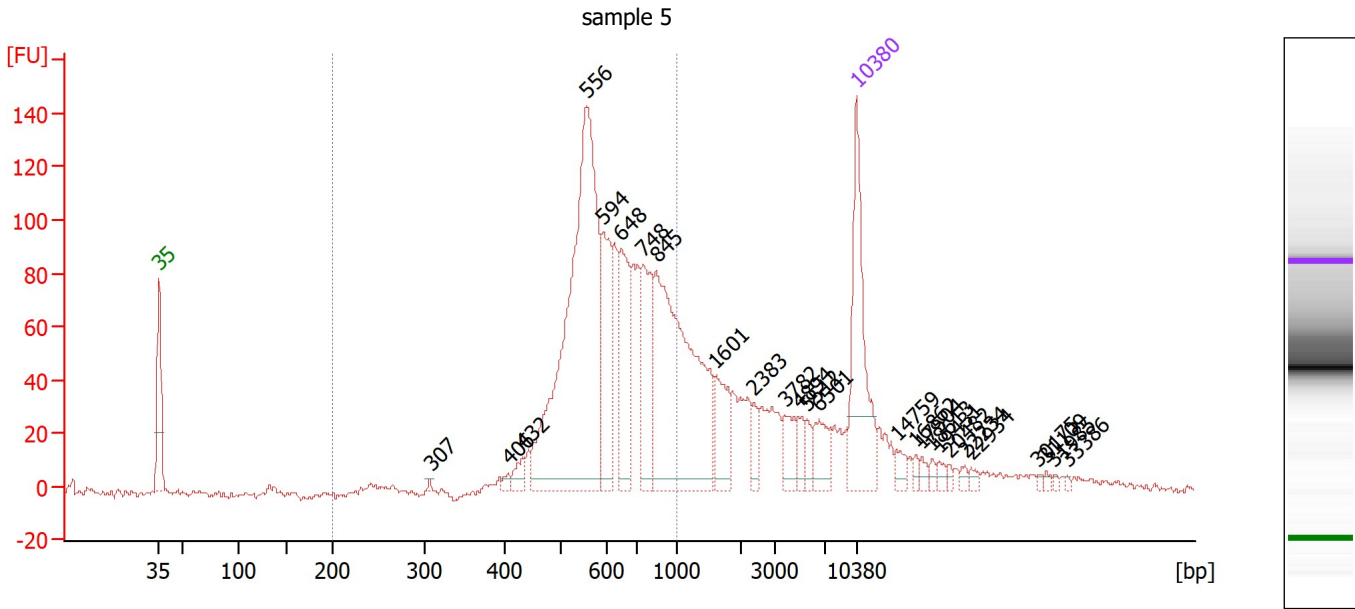
Region table for sample 4 : sample 4

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,186.3	55	646	26.2	625.42	1,672.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sample 5

Number of peaks found: 26 Corr. Area 1: 1,267.4
 Noise: 1.3

Peak table for sample 5 : sample 5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	307	1.56	7.7	
3	406	3.98	14.8	
4	432	10.92	38.3	
5	556	337.06	919.4	
6	594	67.61	172.6	
7	648	68.54	160.3	
8	748	63.16	128.0	
9	845	213.35	382.4	
10	1,601	32.96	31.2	
11	2,383	9.82	6.2	
12	3,782	16.49	6.6	
13	4,894	10.06	3.1	
14	5,512	8.18	2.2	
15	6,501	19.24	4.5	
16	10,380	75.00	10.9	Upper Marker
17	14,759	0.00	0.0	
18	16,862	0.00	0.0	
19	17,504	0.00	0.0	
20	18,613	0.00	0.0	
21	19,431	0.00	0.0	
22	20,482	0.00	0.0	
23	22,234	0.00	0.0	
24	22,934	0.00	0.0	
25	30,175	0.00	0.0	
26	31,109	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : sample 5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	31,985	0.00	0.0	
28	33,387	0.00	0.0	

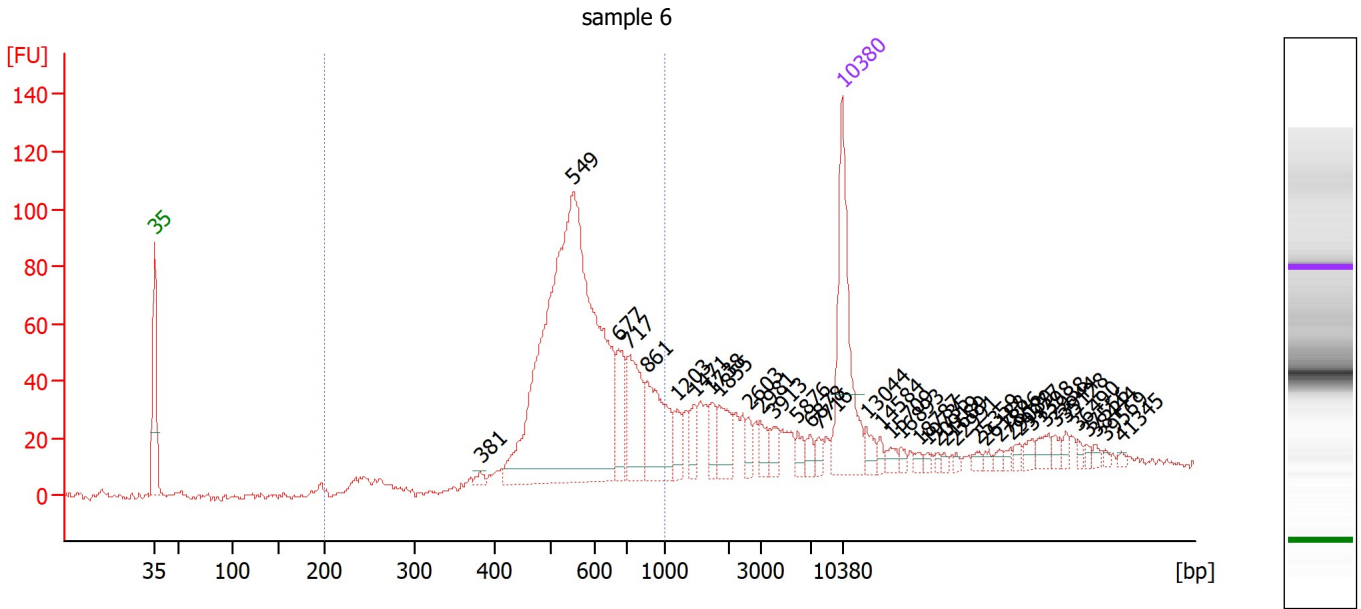
Region table for sample 5 : sample 5

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,267.4	66	644	21.5	729.10	1,808.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sample 6

Number of peaks found: 38 Corr. Area 1: 939.5
 Noise: 1.2

Peak table for sample 6 : sample 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	381	4.24	16.8	
3	549	465.10	1,282.5	
4	677	31.39	70.2	
5	717	52.49	111.0	
6	861	53.98	95.0	
7	1,203	12.03	15.2	
8	1,471	12.76	13.2	
9	1,738	11.74	10.2	
10	1,855	20.70	16.9	
11	2,603	6.96	4.1	
12	2,981	8.42	4.3	
13	3,913	8.05	3.1	
14	5,876	6.72	1.7	
15	6,878	5.70	1.3	
16	7,716	5.13	1.0	
17	10,380	75.00	10.9	Upper Marker
18	13,044	0.00	0.0	
19	14,584	0.00	0.0	
20	15,709	0.00	0.0	
21	16,893	0.00	0.0	
22	18,787	0.00	0.0	
23	19,735	0.00	0.0	
24	20,919	0.00	0.0	
25	21,689	0.00	0.0	
26	22,991	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : sample 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	25,359	0.00	0.0	
28	26,188	0.00	0.0	
29	27,846	0.00	0.0	
30	29,089	0.00	0.0	
31	29,977	0.00	0.0	
32	31,398	0.00	0.0	
33	32,938	0.00	0.0	
34	33,944	0.00	0.0	
35	35,129	0.00	0.0	
36	36,490	0.00	0.0	
37	37,556	0.00	0.0	
38	38,444	0.00	0.0	
39	39,569	0.00	0.0	
40	41,345	0.00	0.0	

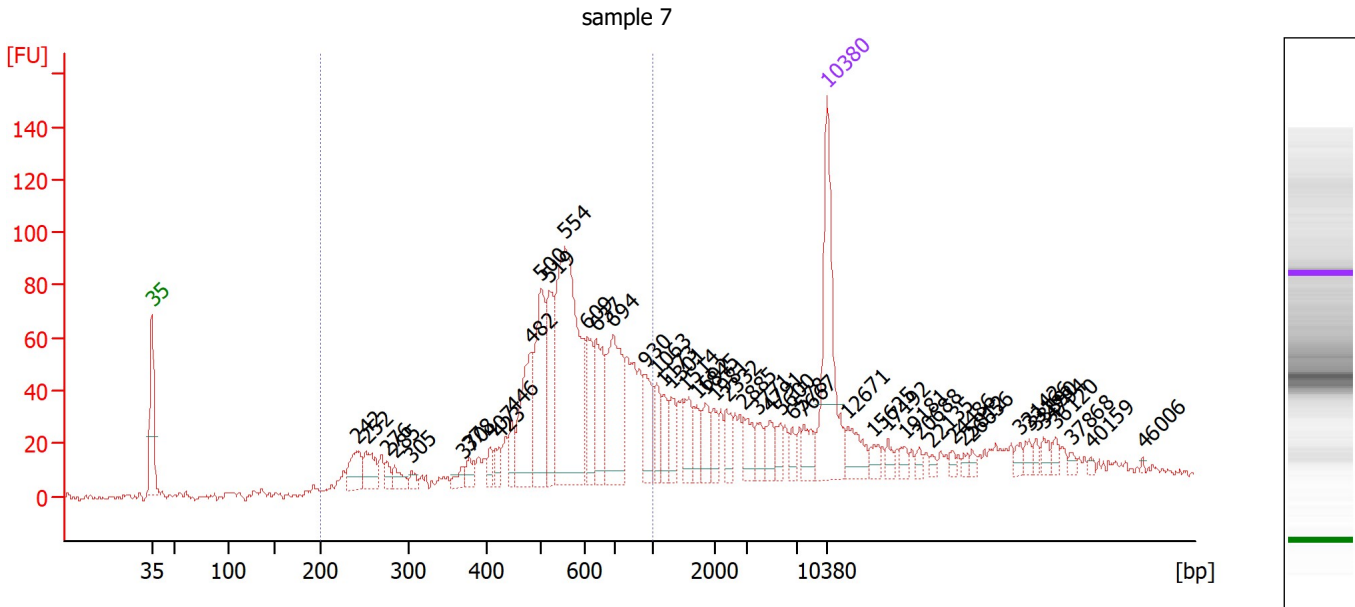
Region table for sample 6 : sample 6

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	939.5	65	596	22.6	619.22	1,689.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

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 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : sample 7

Number of peaks found: 49 Corr. Area 1: 1,143.9
 Noise: 0.9

Peak table for sample 7 : sample 7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	242	27.87	174.6	
3	252	24.99	150.2	
4	276	7.55	41.4	
5	285	11.41	60.7	
6	305	5.85	29.1	
7	370	6.90	28.2	
8	378	10.14	40.7	
9	407	8.36	31.1	
10	423	9.54	34.2	
11	446	14.24	48.4	
12	482	59.57	187.3	
13	500	70.55	213.6	
14	519	50.59	147.7	
15	554	173.75	474.8	
16	609	31.99	79.6	
17	637	44.58	106.0	
18	694	71.50	156.0	
19	930	27.15	44.2	
20	1,063	15.21	21.7	
21	1,173	13.55	17.5	
22	1,301	13.75	16.0	
23	1,514	20.31	20.3	
24	1,692	10.69	9.6	
25	1,845	15.14	12.4	
26	1,981	9.66	7.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...

... Peak table for sample 7 : sample 7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,332	11.24	7.3	
28	2,885	12.75	6.7	
29	3,771	9.69	3.9	
30	4,791	10.71	3.4	
31	5,600	8.28	2.2	
32	6,578	6.30	1.5	
33	7,667	11.75	2.3	
34	10,380	75.00	10.9	Upper Marker
35	12,671	0.00	0.0	
36	15,625	0.00	0.0	
37	17,192	0.00	0.0	
38	19,181	0.00	0.0	
39	20,688	0.00	0.0	
40	22,135	0.00	0.0	
41	24,486	0.00	0.0	
42	25,812	0.00	0.0	
43	26,656	0.00	0.0	
44	32,142	0.00	0.0	
45	33,167	0.00	0.0	
46	33,890	0.00	0.0	
47	34,794	0.00	0.0	
48	36,120	0.00	0.0	
49	37,868	0.00	0.0	
50	40,159	0.00	0.0	
51	46,006	0.00	0.0	

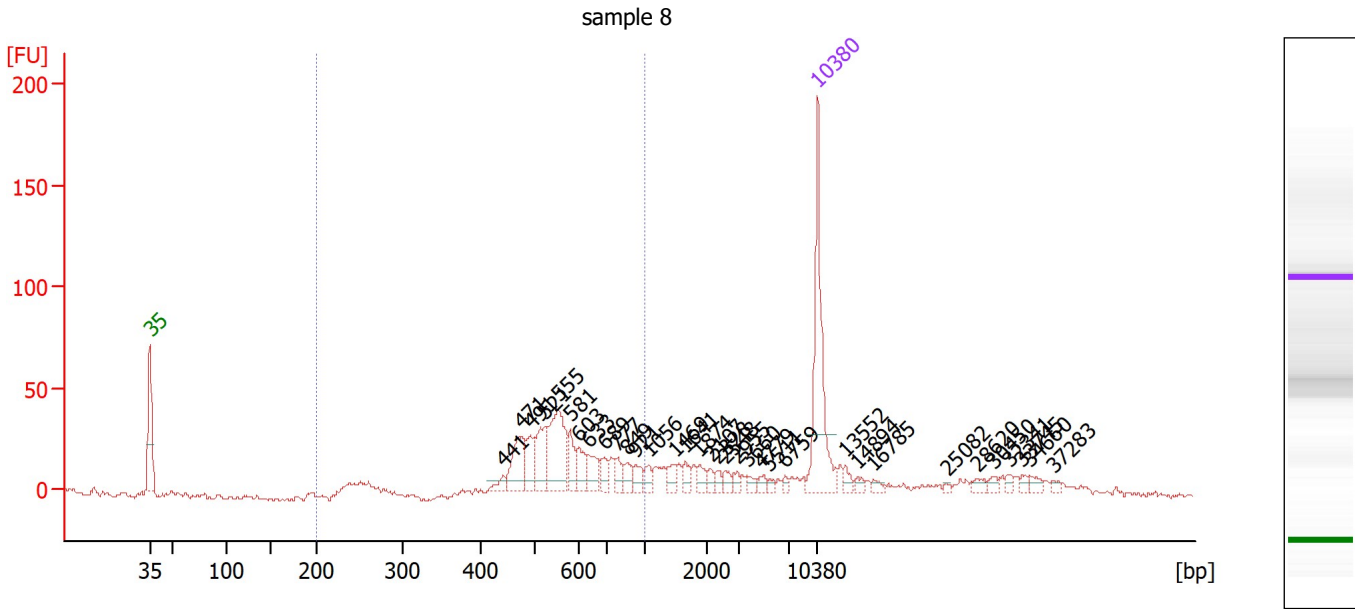
Region table for sample 7 : sample 7

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,143.9	64	572	29.5	775.08	2,414.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : sample 8

Number of peaks found: 34 Corr. Area 1: 380.1
 Noise: 1.4

Peak table for sample 8 : sample 8

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	441	7.07	24.3	
3	471	36.92	118.7	
4	491	20.45	63.1	
5	521	33.41	97.2	
6	555	58.64	160.2	
7	581	17.00	44.4	
8	603	14.89	37.4	
9	633	17.12	41.0	
10	689	9.66	21.2	
11	777	9.73	19.0	
12	849	8.80	15.7	
13	921	8.61	14.2	
14	1,056	7.11	10.2	
15	1,469	7.45	7.7	
16	1,641	7.08	6.5	
17	1,874	6.84	5.5	
18	2,107	4.43	3.2	
19	2,328	4.05	2.6	
20	2,548	5.22	3.1	
21	2,955	4.15	2.1	
22	3,660	4.37	1.8	
23	4,779	3.73	1.2	
24	5,511	2.60	0.7	
25	6,759	2.56	0.6	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

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Electropherogram Summary Continued ...

... Peak table for sample 8 : sample 8

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	13,552	0.00	0.0	
28	14,894	0.00	0.0	
29	16,785	0.00	0.0	
30	25,082	0.00	0.0	
31	28,620	0.00	0.0	
32	30,450	0.00	0.0	
33	32,341	0.00	0.0	
34	33,745	0.00	0.0	
35	34,660	0.00	0.0	
36	37,283	0.00	0.0	

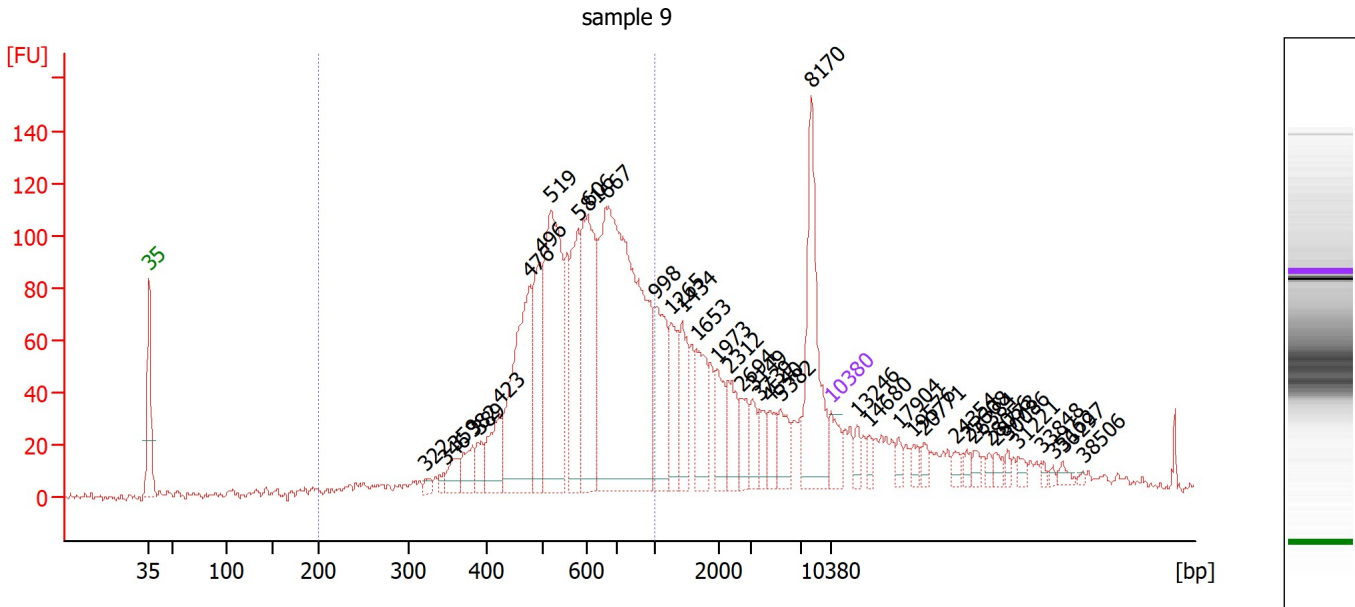
Region table for sample 8 : sample 8

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	380.1	58	584	23.9	266.78	758.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : sample 9

Number of peaks found: 40 Corr. Area 1: 1,740.4
 Noise: 1.6

Peak table for sample 9 : sample 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	322	27.03	127.0	
3	346	27.11	118.8	
4	359	83.48	352.0	
5	382	107.12	424.7	
6	389	78.71	306.7	
7	423	192.17	689.1	
8	476	713.71	2,270.2	
9	496	358.47	1,096.1	
10	519	851.81	2,488.2	
11	581	396.12	1,033.4	
12	606	586.17	1,466.4	
13	667	1,880.37	4,268.3	
14	998	310.02	470.7	
15	1,265	184.99	221.5	
16	1,434	180.42	190.7	
17	1,653	179.31	164.4	
18	1,973	130.42	100.2	
19	2,312	124.85	81.8	
20	2,694	86.98	48.9	
21	3,149	68.50	33.0	
22	3,739	63.29	25.6	
23	4,540	69.30	23.1	
24	5,382	88.72	25.0	
25	8,170	430.99	79.9	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

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Electropherogram Summary Continued ...

... Peak table for sample 9 : sample 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	13,246	0.00	0.0	
28	14,680	0.00	0.0	
29	17,904	0.00	0.0	
30	19,576	0.00	0.0	
31	20,771	0.00	0.0	
32	24,354	0.00	0.0	
33	25,608	0.00	0.0	
34	26,384	0.00	0.0	
35	28,056	0.00	0.0	
36	28,773	0.00	0.0	
37	30,086	0.00	0.0	
38	31,221	0.00	0.0	
39	33,848	0.00	0.0	
40	35,162	0.00	0.0	
41	36,297	0.00	0.0	
42	38,506	0.00	0.0	

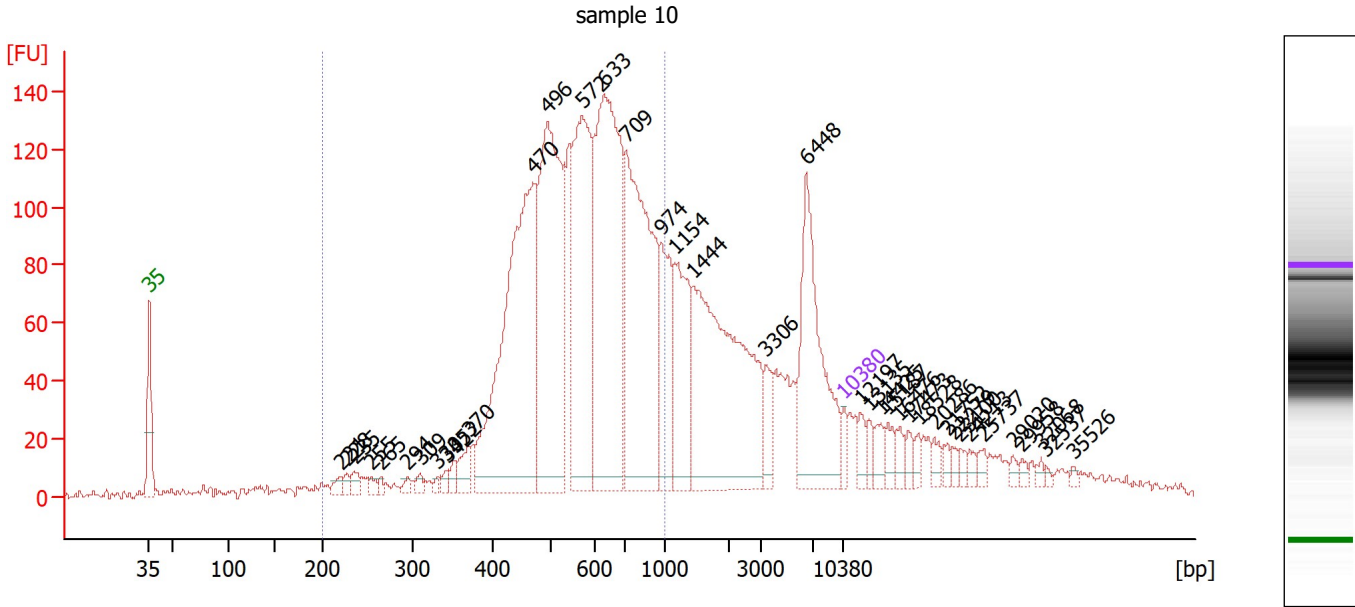
Region table for sample 9 : sample 9

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,740.4	60	601	26.5	5,726.13	16,031.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 10

Number of peaks found: 39 Corr. Area 1: 2,353.1
 Noise: 1.6

Peak table for sample 10 : sample 10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	221	71.02	486.1	
3	228	56.66	376.8	
4	235	91.18	586.8	
5	255	54.16	322.0	
6	265	36.83	210.7	
7	294	46.96	242.3	
8	309	53.21	260.6	
9	330	32.65	149.7	
10	342	60.70	269.2	
11	352	69.66	299.7	
12	370	163.53	669.6	
13	470	3,081.13	9,926.2	
14	496	2,575.50	7,871.1	
15	572	1,812.08	4,797.4	
16	633	2,712.63	6,496.8	
17	709	2,304.11	4,925.4	
18	974	655.43	1,019.4	
19	1,154	770.85	1,011.7	
20	1,444	2,083.20	2,185.9	
21	3,306	183.11	83.9	
22	6,448	1,125.48	264.4	
23	10,380	75.00	10.9	Upper Marker
24	12,197	0.00	0.0	
25	13,135	0.00	0.0	
26	14,425	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Electropherogram Summary Continued ...

... Peak table for sample 10 : sample 10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	15,187	0.00	0.0	
28	16,476	0.00	0.0	
29	17,473	0.00	0.0	
30	18,528	0.00	0.0	
31	20,286	0.00	0.0	
32	21,752	0.00	0.0	
33	22,279	0.00	0.0	
34	23,100	0.00	0.0	
35	24,213	0.00	0.0	
36	25,737	0.00	0.0	
37	29,020	0.00	0.0	
38	29,958	0.00	0.0	
39	32,068	0.00	0.0	
40	32,537	0.00	0.0	
41	35,526	0.00	0.0	

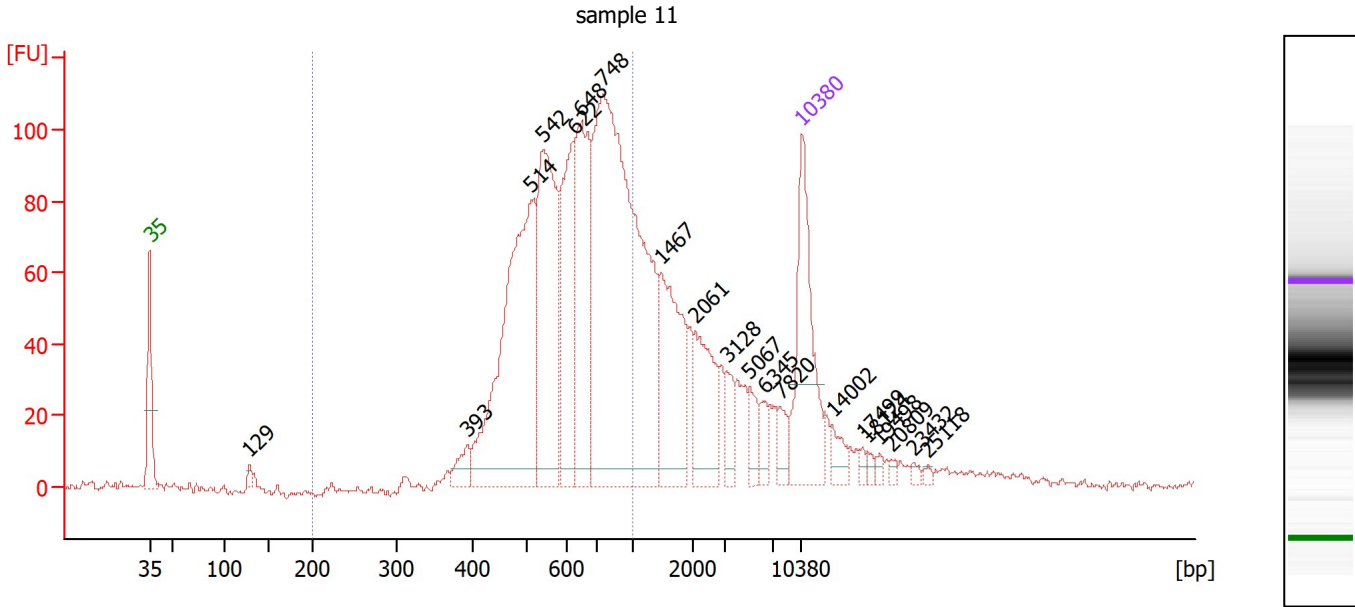
Region table for sample 10 : sample 10

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,353.1	63	586	26.9	14,521.12	41,929.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
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Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 20 Corr. Area 1: 1,465.7
 Noise: 0.8

Peak table for sample 11 : sample 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	129	5.49	64.5	
3	393	15.71	60.5	
4	514	242.74	716.2	
5	542	156.71	438.4	
6	622	96.48	234.9	
7	648	117.72	275.2	
8	748	406.30	823.3	
9	1,467	85.68	88.5	
10	2,061	48.73	35.8	
11	3,128	13.81	6.7	
12	5,067	13.14	3.9	
13	6,345	9.60	2.3	
14	7,820	10.03	1.9	
15	10,380	75.00	10.9	Upper Marker
16	14,002	0.00	0.0	
17	17,499	0.00	0.0	
18	18,124	0.00	0.0	
19	19,498	0.00	0.0	
20	20,809	0.00	0.0	
21	23,432	0.00	0.0	
22	25,118	0.00	0.0	

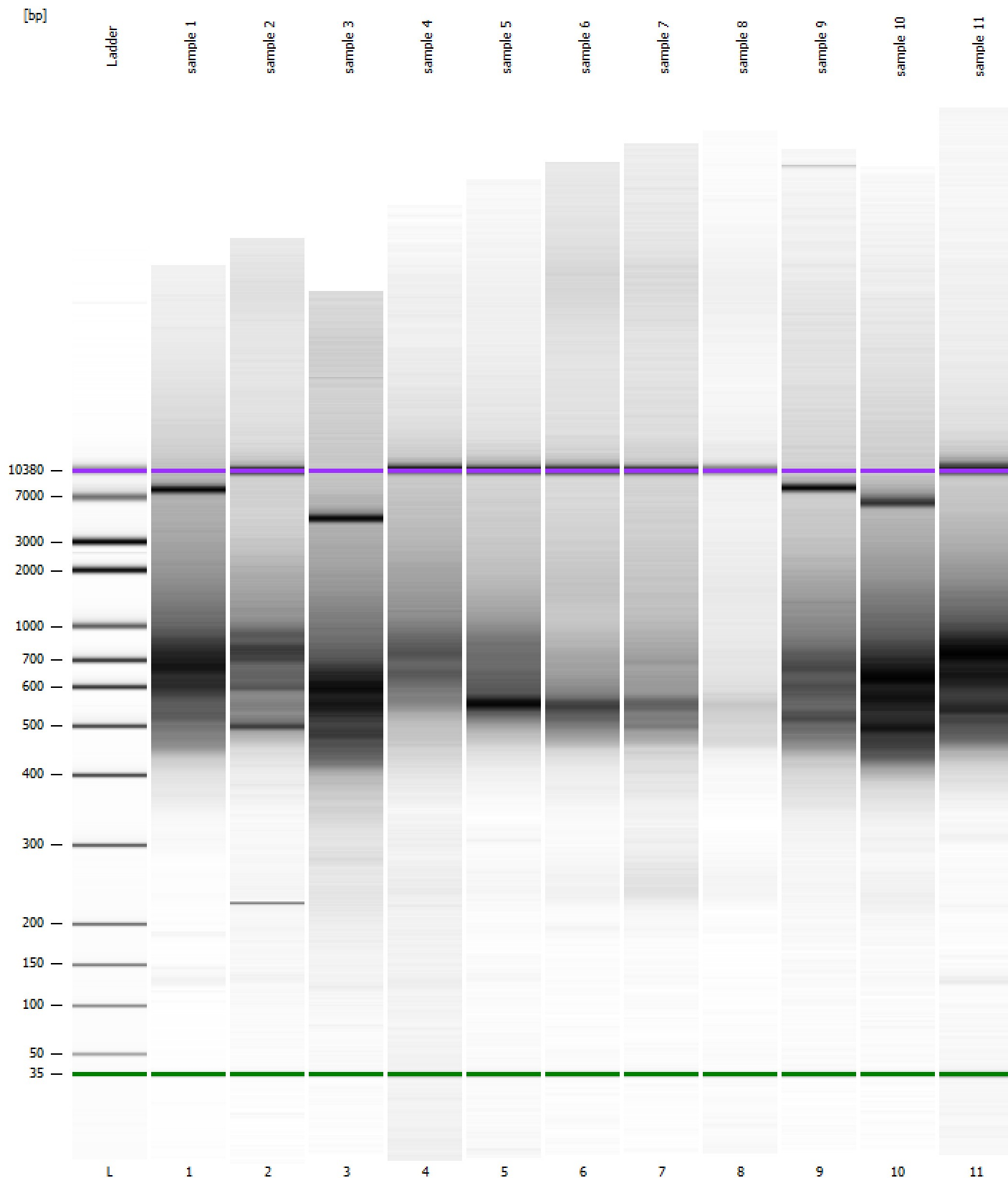
Region table for sample 11 : sample 11

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,465.7	65	638	23.8	917.33	2,336.7	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

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Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-28_002.xad

Created: 2/28/2020 3:20:08 PM
 Modified: 2/28/2020 4:04:38 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		2/28/2020 4:00:31 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-02-28\Bioanalyze r1_High Sensitivity DNA Assay_2020-02-28_002.xad)		Instrument	Run		2/28/2020 3:20:08 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		2/28/2020 3:20:08 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		2/28/2020 3:20:08 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		2/28/2020 3:20:08 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		2/28/2020 3:20:08 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		2/28/2020 3:20:08 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		2/28/2020 3:20:08 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB