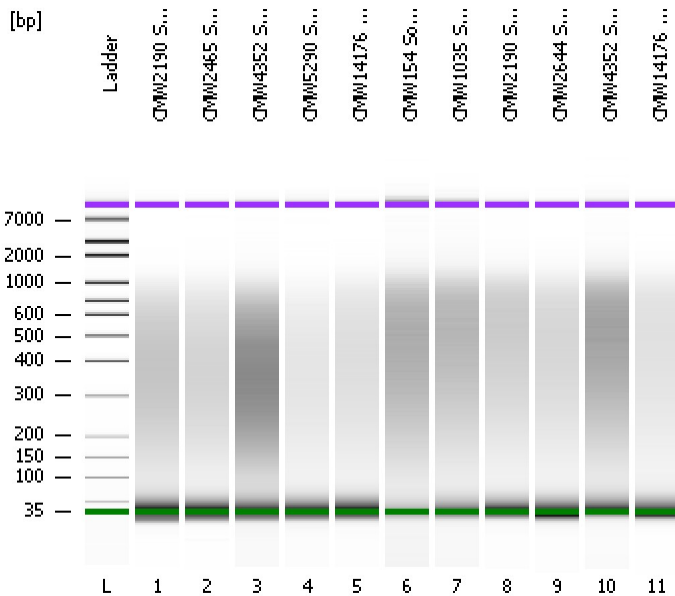


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

Created: 5/7/2014 9:56:01 AM  
Modified: 5/7/2014 11:19:34 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

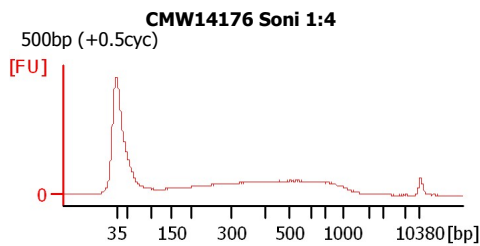
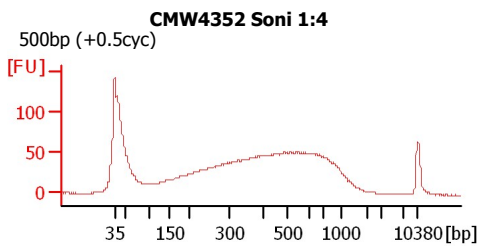
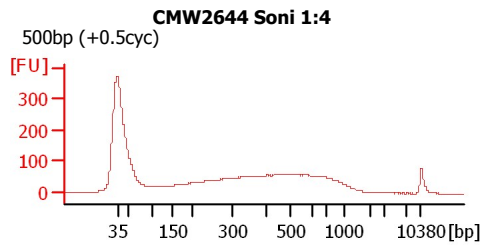
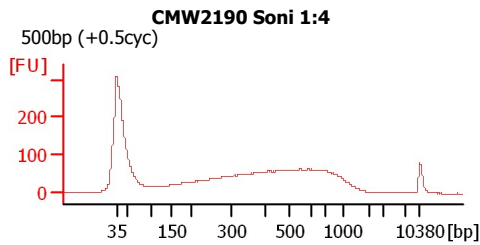
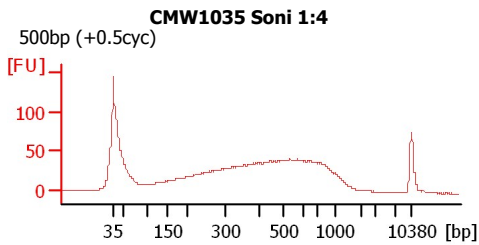
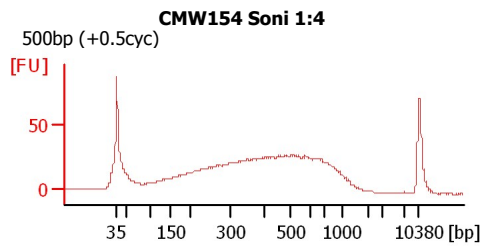
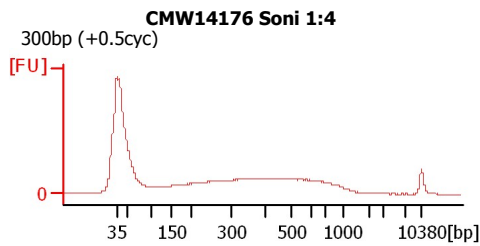
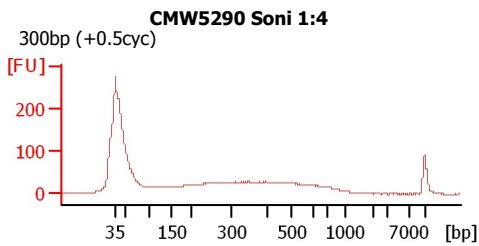
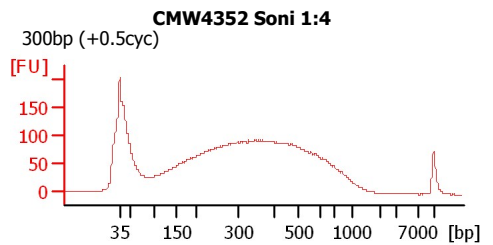
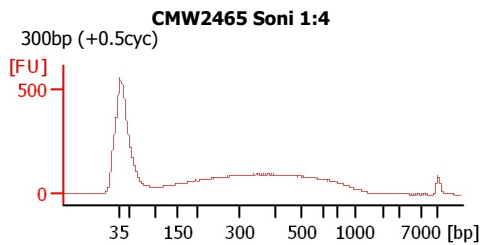
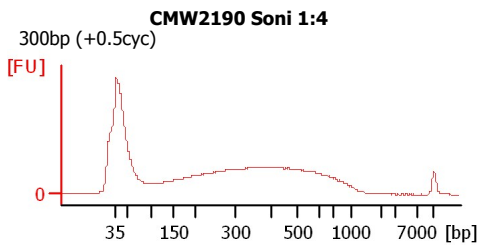
Assay Information:

Assay Origin Path: C:\Program Files\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: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

Created: 5/7/2014 9:56:01 AM  
 Modified: 5/7/2014 11:19:34 AM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
CMW2190 Soni 1:4	300bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW2465 Soni 1:4	300bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW4352 Soni 1:4	300bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW5290 Soni 1:4	300bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW14176 Soni 1:4	300bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW154 Soni 1:4	500bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW1035 Soni 1:4	500bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW2190 Soni 1:4	500bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW2644 Soni 1:4	500bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW4352 Soni 1:4	500bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW14176 Soni 1:4	500bp (+0.5cyc)	<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

Created: 5/7/2014 9:56:01 AM  
Modified: 5/7/2014 11:19:34 AM

**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

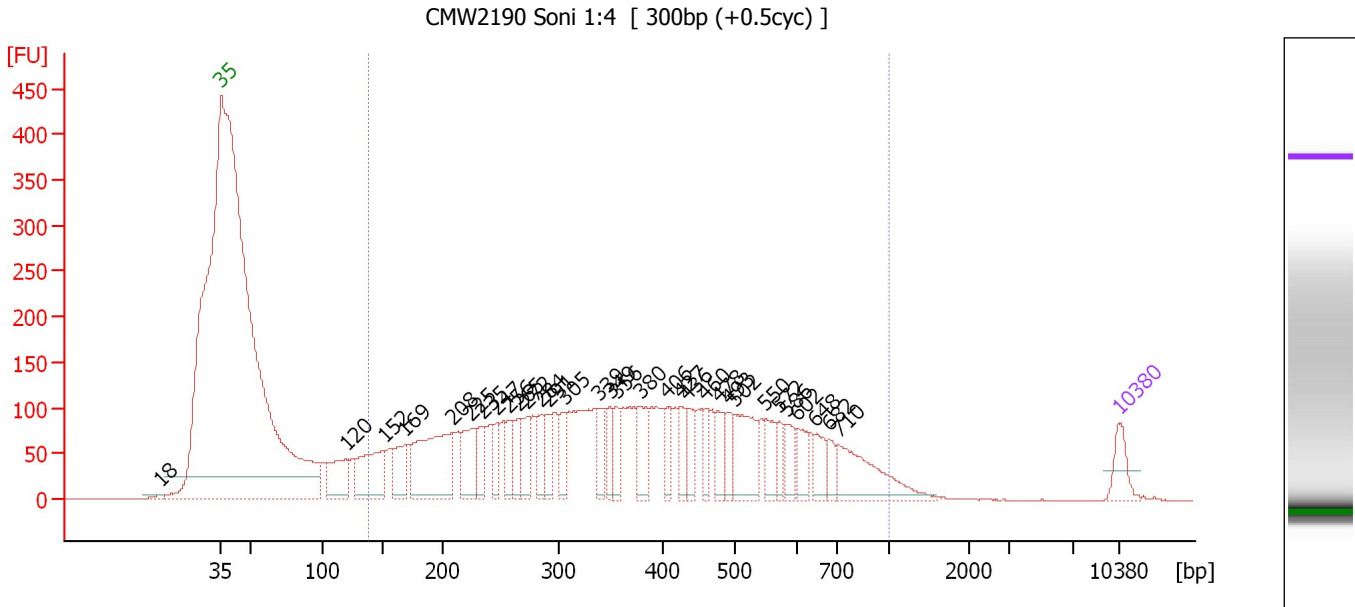
**Ladder**

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: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

Created: 5/7/2014 9:56:01 AM  
 Modified: 5/7/2014 11:19:34 AM

**Electropherogram Summary**



**Overall Results for sample 1 : CMW2190 Soni 1:4**

Number of peaks found: 32                      Corr. Area 1: 4,786.2  
 Noise: 0.3

**Peak table for sample 1 : CMW2190 Soni 1:4**


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	18	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	120	262.40	3,307.0	
4	152	364.85	3,643.4	
5	169	199.17	1,785.3	
6	208	595.83	4,333.7	
7	225	229.43	1,546.8	
8	235	144.11	928.3	
9	247	114.00	700.4	
10	256	107.16	633.8	
11	265	122.24	698.1	
12	272	139.70	777.8	
13	284	114.80	611.5	
14	291	105.86	551.5	
15	305	120.19	596.8	
16	339	116.43	520.5	
17	349	98.82	428.6	
18	356	97.89	417.2	
19	380	170.85	681.3	
20	406	94.58	352.7	
21	427	99.89	354.5	
22	436	117.34	408.0	
23	460	83.06	273.5	
24	478	115.61	366.6	
25	493	83.19	255.9	
26	502	265.20	799.7	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad


Created: 5/7/2014 9:56:01 AM  
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**Electropherogram Summary Continued ...**

**... Peak table for sample 1 : CMW2190 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	550	104.22	286.9	
28	572	65.55	173.7	
29	586	92.99	240.6	
30	602	93.78	236.2	
31	648	89.42	208.9	
32	682	65.29	145.1	
33	710	296.05	631.4	
34	 10,380	75.00	10.9	Upper Marker

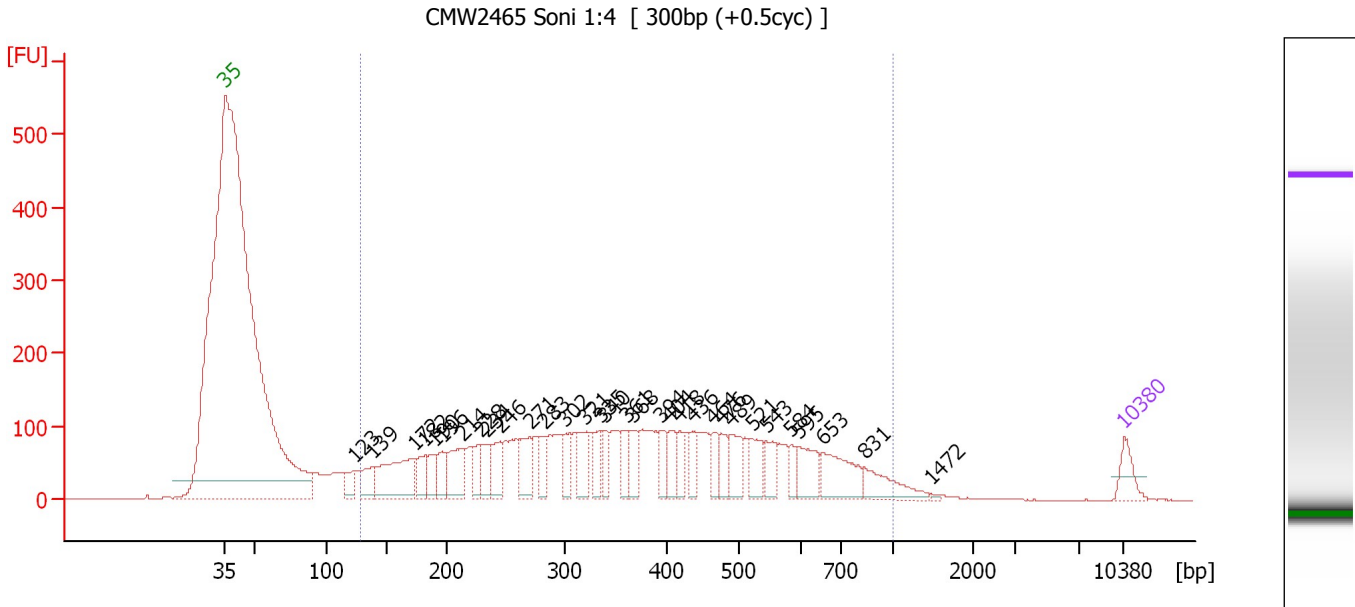
**Region table for sample 1 : CMW2190 Soni 1:4**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
139	996	398	31,486.0	6,187.61	4,786.2	92	43.4	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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 Modified: 5/7/2014 11:19:34 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : CMW2465 Soni 1:4**

Number of peaks found: 32                      Corr. Area 1: 4,506.5  
 Noise: 0.2

**Peak table for sample 2 : CMW2465 Soni 1:4**


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	123	101.32	1,246.0	
3	139	136.84	1,494.7	
4	172	455.52	4,003.3	
5	182	142.98	1,189.3	
6	190	118.88	947.3	
7	196	121.77	941.8	
8	214	243.70	1,725.5	
9	228	111.96	743.6	
10	234	120.22	776.8	
11	246	173.53	1,069.4	
12	271	190.27	1,064.1	
13	283	106.94	573.1	
14	302	114.03	572.8	
15	321	170.13	803.5	
16	335	108.75	491.3	
17	340	94.18	420.3	
18	361	103.46	434.5	
19	368	115.66	476.8	
20	394	101.70	391.1	
21	404	112.45	421.7	
22	418	98.10	355.6	
23	436	96.42	335.3	
24	464	98.59	321.6	
25	476	95.25	303.1	
26	489	152.07	471.4	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad


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 Modified: 5/7/2014 11:19:34 AM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 2 : CMW2465 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	521	132.31	384.7	
28	543	100.19	279.3	
29	584	56.43	146.5	
30	595	157.61	401.5	
31	653	229.08	531.3	
32	831	154.75	282.3	
33	1,472	5.94	6.1	
34	 10,380	75.00	10.9	Upper Marker

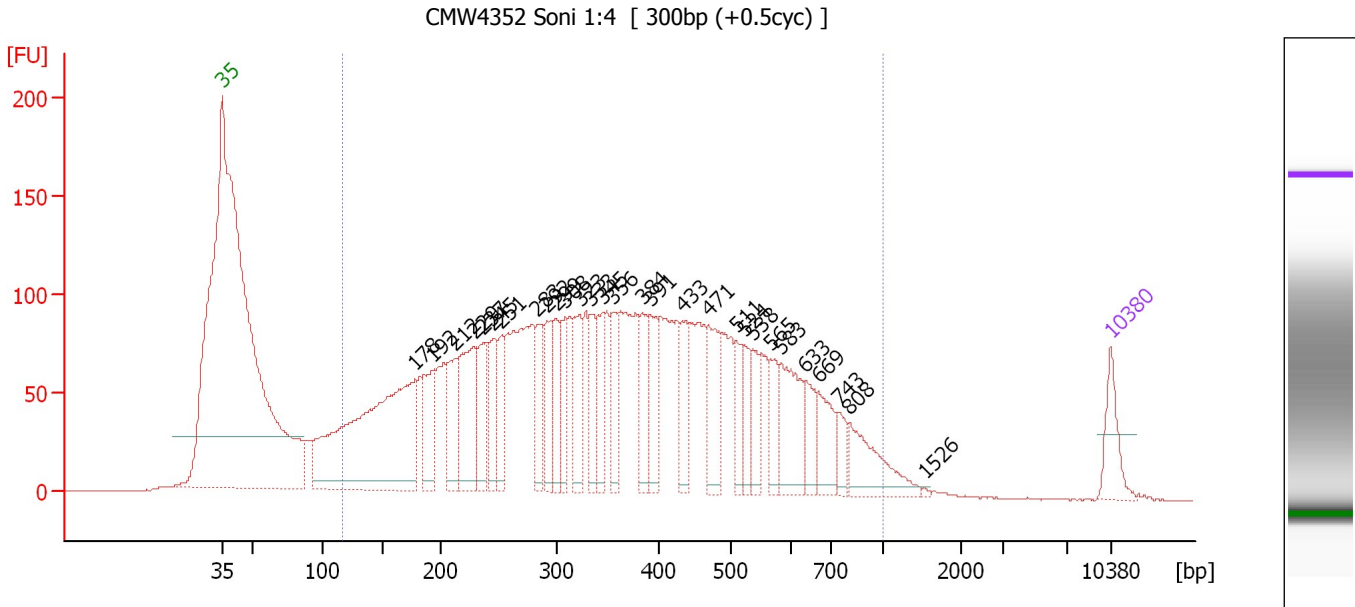
#### Region table for sample 2 : CMW2465 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
129	1,000	393	30,756.1	5,881.48	4,506.5	92	44.2	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

Created: 5/7/2014 9:56:01 AM  
 Modified: 5/7/2014 11:19:34 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : CMW4352 Soni 1:4**

Number of peaks found: 29                      Corr. Area 1: 4,386.6  
 Noise: 0.3

**Peak table for sample 3 : CMW4352 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	178	1,068.42	9,083.2	
3	192	183.47	1,446.9	
4	212	175.91	1,256.3	
5	229	299.66	1,984.8	
6	237	149.79	959.4	
7	245	159.61	985.7	
8	251	124.82	752.5	
9	283	134.12	719.0	
10	292	150.77	782.7	
11	299	114.72	580.9	
12	308	121.48	597.5	
13	323	170.33	799.7	
14	333	117.45	534.9	
15	345	122.79	538.8	
16	356	120.90	514.9	
17	384	134.47	530.4	
18	391	123.73	478.9	
19	433	115.10	402.4	
20	471	170.06	547.5	
21	511	83.69	248.2	
22	524	69.13	199.9	
23	538	95.68	269.6	
24	565	81.45	218.3	
25	583	189.81	493.5	
26	633	81.28	194.7	




Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad


Created: 5/7/2014 9:56:01 AM  
 Modified: 5/7/2014 11:19:34 AM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 3 : CMW4352 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	669	112.05	253.8	
28	743	50.08	102.1	
29	808	154.26	289.4	
30	1,526	3.27	3.2	
31	 10,380	75.00	10.9	Upper Marker

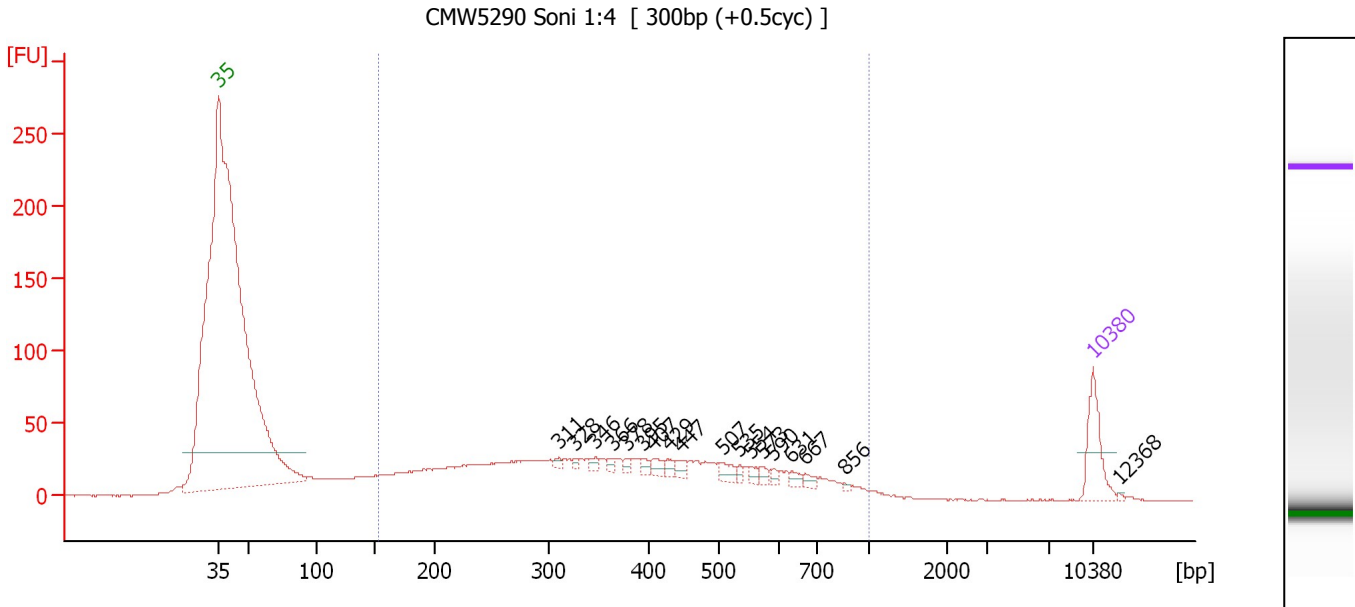
#### Region table for sample 3 : CMW4352 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
117	1,000	381	36,992.8	6,794.52	4,386.6	94	44.5	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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 Modified: 5/7/2014 11:19:34 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : CMW5290 Soni 1:4**

Number of peaks found: 18                      Corr. Area 1: 1,227.7  
 Noise: 0.3

**Peak table for sample 4 : CMW5290 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	311	8.09	39.4	
3	328	7.13	33.0	
4	346	11.53	50.4	
5	366	10.95	45.4	
6	378	9.09	36.4	
7	395	12.61	48.4	
8	407	20.50	76.3	
9	429	12.81	45.2	
10	447	18.04	61.2	
11	507	24.43	73.0	
12	535	8.42	23.9	
13	554	11.01	30.1	
14	573	11.92	31.5	
15	590	9.81	25.2	
16	631	12.40	29.8	
17	667	12.93	29.4	
18	856	3.00	5.3	
19	10,380	75.00	10.9	Upper Marker
20	12,368	0.00	0.0	

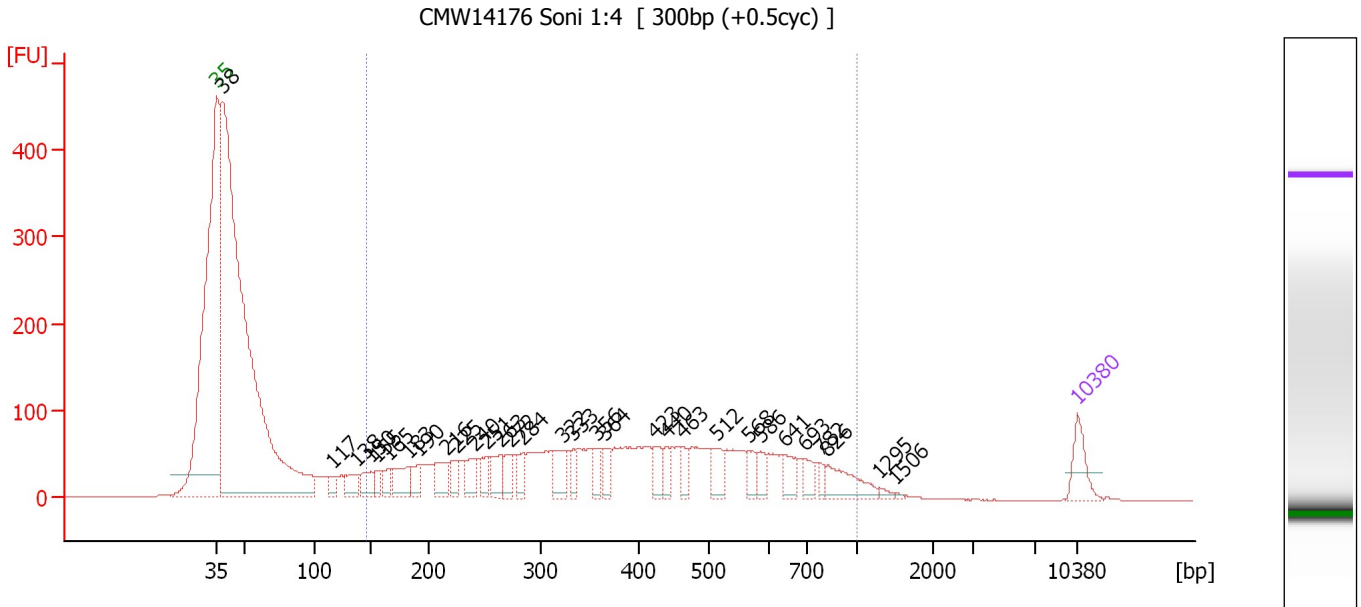
**Region table for sample 4 : CMW5290 Soni 1:4**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
153	1,000	396	7,701.0	1,551.37	1,227.7	86	42.3	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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 Modified: 5/7/2014 11:19:34 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : CMW14176 Soni 1:4**

Number of peaks found: 31                      Corr. Area 1: 2,769.2  
 Noise: 0.2

**Peak table for sample 5 : CMW14176 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	38	4,267.64	169,796.9	
3	117	40.28	522.5	
4	138	86.99	957.6	
5	150	88.95	897.7	
6	155	45.24	441.6	
7	165	59.26	542.8	
8	183	120.55	1,000.7	
9	190	62.53	497.6	
10	216	109.03	763.8	
11	225	65.79	443.3	
12	240	98.30	620.5	
13	251	71.90	433.2	
14	263	95.97	552.2	
15	272	72.62	404.0	
16	284	64.34	343.5	
17	322	98.12	461.5	
18	333	50.86	231.4	
19	356	52.81	224.6	
20	364	66.95	278.4	
21	423	73.19	262.4	
22	440	44.70	153.8	
23	463	47.13	154.1	
24	512	72.35	214.1	
25	568	49.30	131.5	
26	586	46.92	121.3	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

Created: 5/7/2014 9:56:01 AM  
 Modified: 5/7/2014 11:19:34 AM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 5 : CMW14176 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	641	56.24	132.9	
28	693	47.36	103.6	
29	782	24.19	46.9	
30	826	117.59	215.7	
31	1,295	12.09	14.1	
32	1,506	4.10	4.1	
33	▶ 10,380	75.00	10.9	Upper Marker

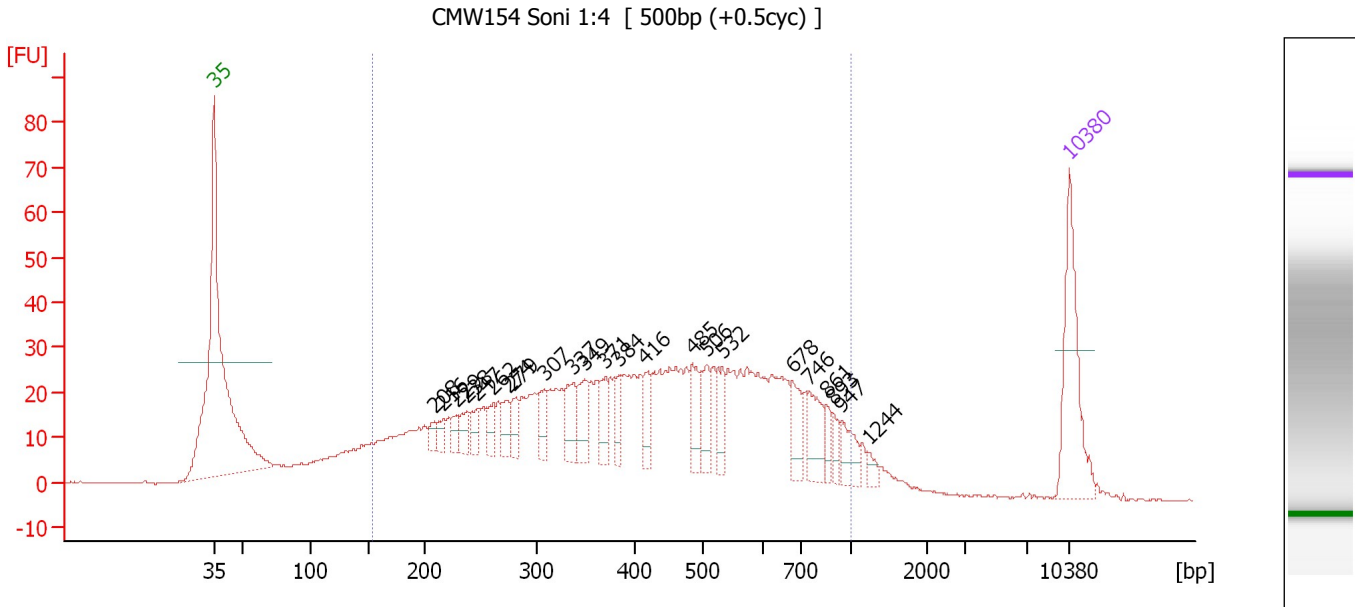
#### Region table for sample 5 : CMW14176 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
147	1,000	418	15,060.2	3,099.29	2,769.2	49	43.7	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : CMW154 Soni 1:4**

Number of peaks found: 23                      Corr. Area 1: 1,149.1  
 Noise: 0.1

**Peak table for sample 6 : CMW154 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	208	11.05	80.3	
3	216	13.10	91.8	
4	229	12.22	80.8	
5	238	17.96	114.3	
6	247	18.21	111.6	
7	262	18.87	109.3	
8	274	21.62	119.4	
9	279	19.92	108.1	
10	307	20.30	100.0	
11	337	33.20	149.1	
12	349	32.55	141.1	
13	371	24.92	101.8	
14	384	20.53	81.1	
15	416	22.50	82.0	
16	485	31.59	98.8	
17	506	27.76	83.1	
18	532	26.69	76.0	
19	678	28.15	62.9	
20	746	35.78	72.6	
21	861	12.22	21.5	
22	893	10.69	18.1	
23	947	22.22	35.5	
24	1,244	7.13	8.7	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

Created: 5/7/2014 9:56:01 AM  
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**Electropherogram Summary Continued ...**

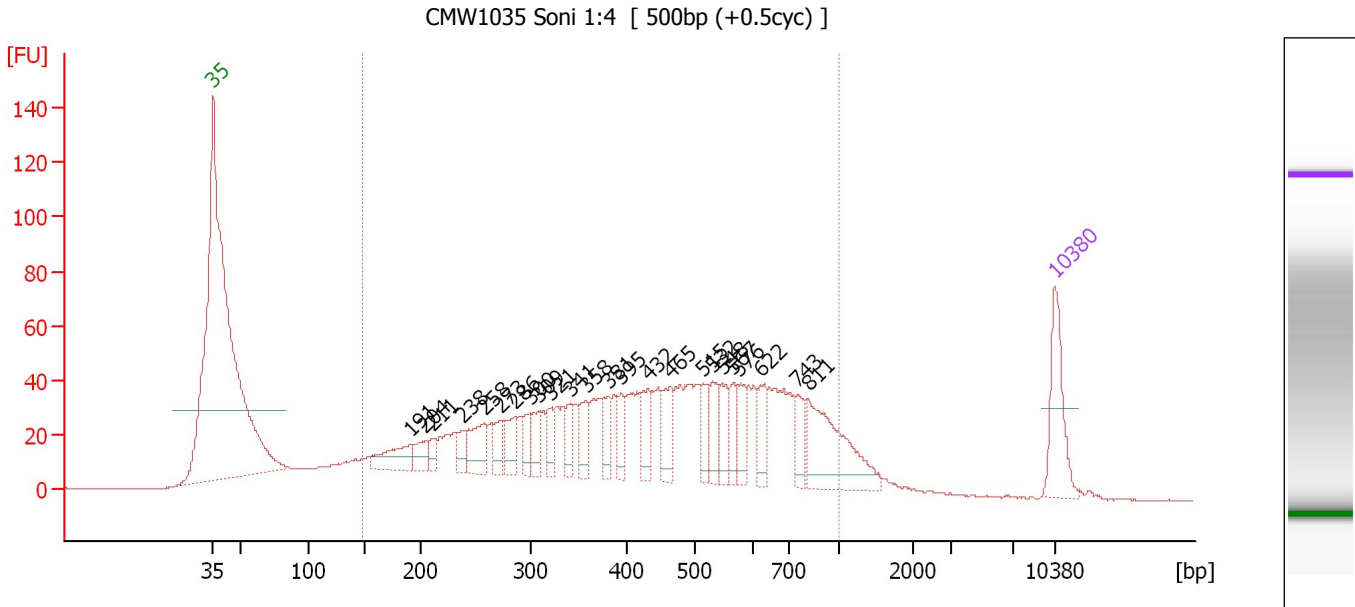
... Region table for sample 6 : CMW154 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
155	1,000	444	7,177.8	1,598.60	1,149.1	88	41.8	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

Created: 5/7/2014 9:56:01 AM  
 Modified: 5/7/2014 11:19:34 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : CMW1035 Soni 1:4**

Number of peaks found: 24                      Corr. Area 1: 1,651.3  
 Noise: 0.1

**Peak table for sample 7 : CMW1035 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	191	69.70	554.1	
3	204	35.93	266.3	
4	211	21.26	152.5	
5	238	29.02	184.4	
6	258	70.18	411.5	
7	273	33.47	185.4	
8	286	44.78	237.6	
9	300	34.42	174.0	
10	309	37.20	182.4	
11	321	33.93	160.0	
12	341	30.02	133.3	
13	358	48.80	206.3	
14	381	40.40	160.6	
15	395	33.51	128.5	
16	432	48.86	171.3	
17	465	56.78	185.2	
18	515	45.06	132.5	
19	532	47.04	134.0	
20	548	40.45	111.8	
21	567	35.20	94.1	
22	576	39.03	102.7	
23	622	42.17	102.7	
24	743	39.64	80.8	
25	811	155.06	289.5	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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Modified: 5/7/2014 11:19:34 AM

**Electropherogram Summary Continued ...**

... Region table for sample 7 : CMW1035 Soni 1:4

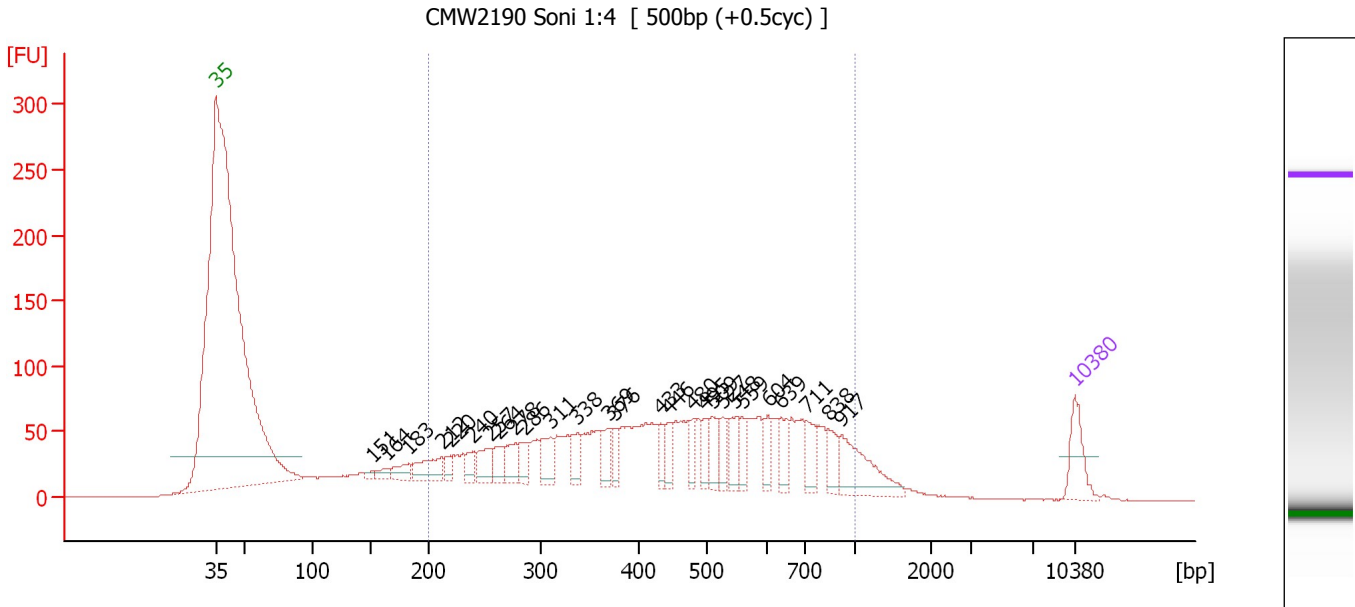
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
149	1,000	455	9,928.1	2,238.53	1,651.3	89	42.0	■



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

Created: 5/7/2014 9:56:01 AM  
 Modified: 5/7/2014 11:19:34 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : CMW2190 Soni 1:4**

Number of peaks found: 27                      Corr. Area 1: 2,329.1  
 Noise: 0.2

**Peak table for sample 8 : CMW2190 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	151	15.40	154.0	
3	164	26.74	246.5	
4	183	53.32	440.4	
5	212	102.45	730.8	
6	220	35.12	241.6	
7	240	44.48	280.4	
8	257	71.39	421.7	
9	264	59.64	342.5	
10	278	67.59	368.3	
11	286	54.84	290.1	
12	311	84.23	409.9	
13	338	60.80	272.8	
14	369	66.29	271.8	
15	376	49.17	198.0	
16	433	46.52	162.8	
17	446	47.08	160.1	
18	480	48.27	152.2	
19	495	48.95	149.7	
20	509	67.62	201.5	
21	527	51.31	147.5	
22	548	71.55	197.7	
23	559	45.71	123.8	
24	604	57.08	143.2	
25	639	59.95	142.2	
26	711	69.91	149.0	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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**Electropherogram Summary Continued ...****... Peak table for sample 8 : CMW2190 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	838	57.13	103.3	
28	917	155.86	257.6	
29	▶ 10,380	75.00	10.9	Upper Marker

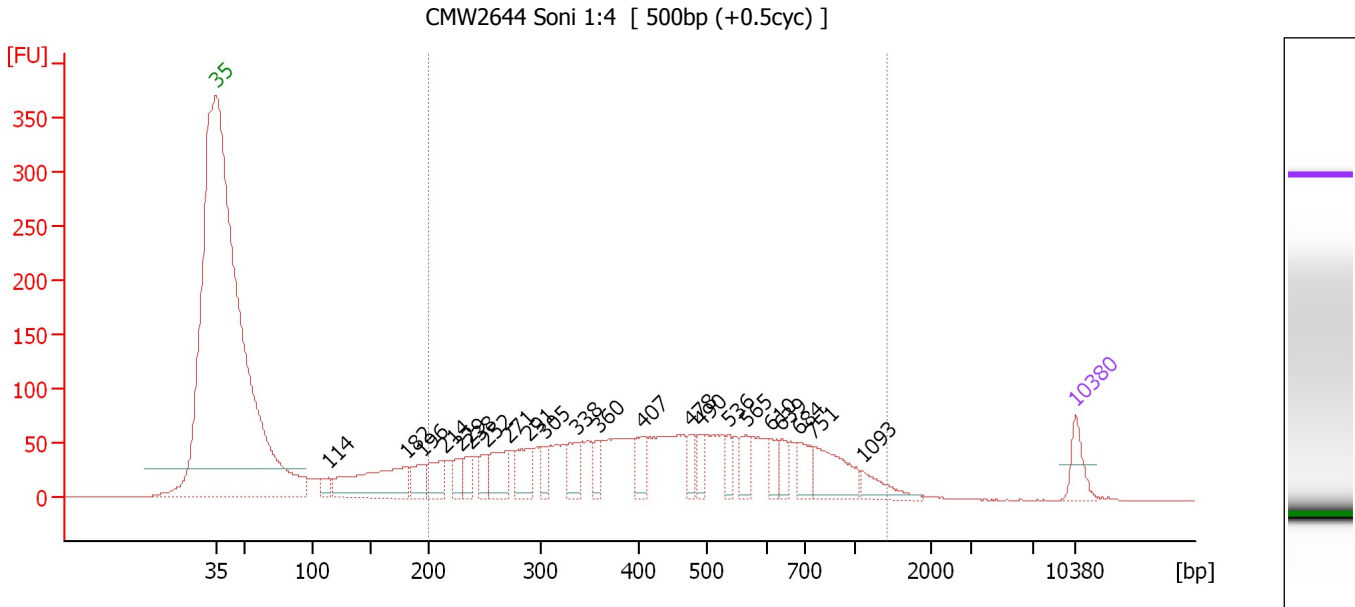
**Region table for sample 8 : CMW2190 Soni 1:4**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	475	12,088.8	3,037.24	2,329.1	82	39.1	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : CMW2644 Soni 1:4**

Number of peaks found: 22                      Corr. Area 1: 2,321.0  
 Noise: 0.1

**Peak table for sample 9 : CMW2644 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	114	59.31	791.6	
3	182	449.21	3,747.1	
4	196	117.27	905.9	
5	214	143.29	1,012.6	
6	229	83.92	554.6	
7	238	72.43	460.7	
8	252	88.04	529.1	
9	271	167.69	936.0	
10	291	153.51	799.8	
11	305	68.47	339.7	
12	338	116.19	521.4	
13	360	61.91	260.8	
14	407	101.80	379.0	
15	478	72.58	230.2	
16	490	68.07	210.6	
17	536	59.00	166.9	
18	565	80.02	214.4	
19	610	69.02	171.4	
20	639	60.74	143.9	
21	684	98.00	216.9	
22	751	213.23	430.4	
23	1,093	78.92	109.4	
24	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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**Electropherogram Summary Continued ...**

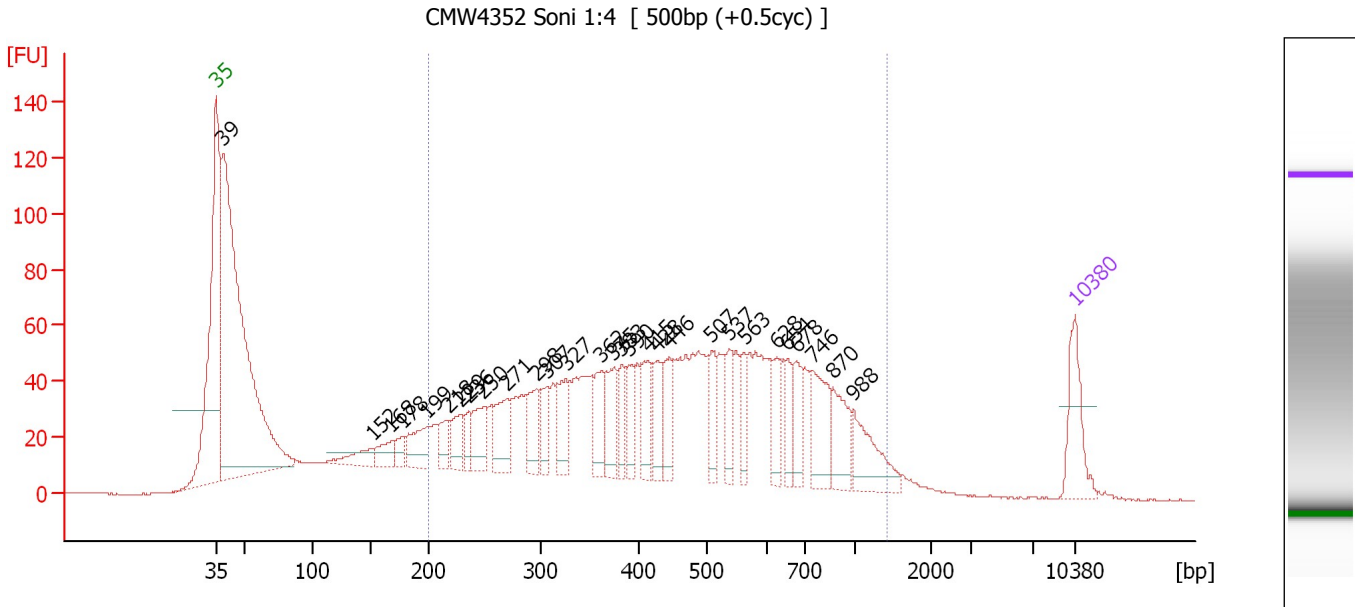
... Region table for sample 9 : CMW2644 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,417	481	13,489.8	3,340.26	2,321.0	84	45.2	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : CMW4352 Soni 1:4**

Number of peaks found: 29                      Corr. Area 1: 1,984.1  
 Noise: 0.2

**Peak table for sample 10 : CMW4352 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	39	1,333.26	52,120.3	
3	152	50.31	502.9	
4	168	46.29	416.8	
5	178	30.91	262.6	
6	199	82.14	625.9	
7	218	49.85	346.6	
8	229	59.01	390.1	
9	236	35.47	227.7	
10	250	82.89	502.7	
11	271	91.92	514.1	
12	298	83.81	426.3	
13	307	58.31	287.7	
14	327	77.97	361.6	
15	362	69.17	289.6	
16	375	87.72	354.6	
17	383	48.21	190.7	
18	390	55.62	215.8	
19	415	74.33	271.4	
20	428	70.46	249.6	
21	446	67.28	228.6	
22	507	64.74	193.4	
23	537	55.69	157.2	
24	563	45.94	123.7	
25	628	62.03	149.7	
26	654	48.33	112.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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### Electropherogram Summary Continued ...

#### ... Peak table for sample 10 : CMW4352 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	678	54.14	120.9	
28	746	98.25	199.6	
29	870	75.80	132.0	
30	988	85.87	131.7	
31	10,380	75.00	10.9	Upper Marker

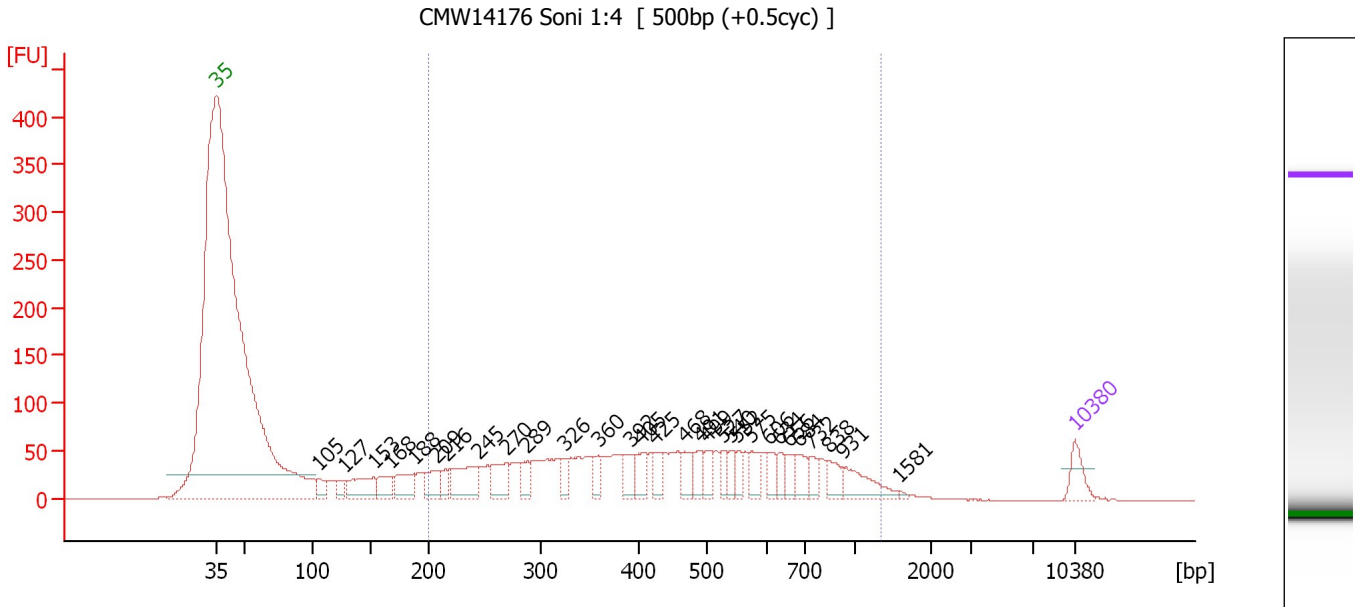
#### Region table for sample 10 : CMW4352 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,428	494	12,304.5	3,112.38	1,984.1	66	45.5	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : CMW14176 Soni 1:4**

Number of peaks found: 30                      Corr. Area 1: 2,010.7  
 Noise: 0.2

**Peak table for sample 11 : CMW14176 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	105	76.21	1,095.3	
3	127	53.88	644.3	
4	153	202.51	2,007.7	
5	168	112.52	1,012.9	
6	188	147.31	1,189.3	
7	209	117.14	850.5	
8	216	72.20	506.1	
9	245	232.77	1,439.7	
10	270	159.67	896.6	
11	289	72.34	379.7	
12	326	71.89	333.9	
13	360	70.56	297.3	
14	392	90.89	350.9	
15	405	90.64	338.8	
16	425	76.89	274.3	
17	468	84.43	273.3	
18	491	79.67	246.0	
19	499	80.14	243.5	
20	527	59.87	172.0	
21	540	54.38	152.4	
22	552	56.74	155.8	
23	575	84.98	223.9	
24	606	63.05	157.6	
25	634	55.02	131.5	
26	656	64.47	148.9	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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### Electropherogram Summary Continued ...

#### ... Peak table for sample 11 : CMW14176 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	684	76.86	170.4	
28	732	58.97	122.0	
29	838	76.47	138.2	
30	931	135.26	220.2	
31	1,581	7.05	6.8	
32	10,380	75.00	10.9	Upper Marker

#### Region table for sample 11 : CMW14176 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,334	483	13,662.6	3,390.23	2,010.7	82	44.7	



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-07\2014-05-07\_006.xad

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**Gel Image**

