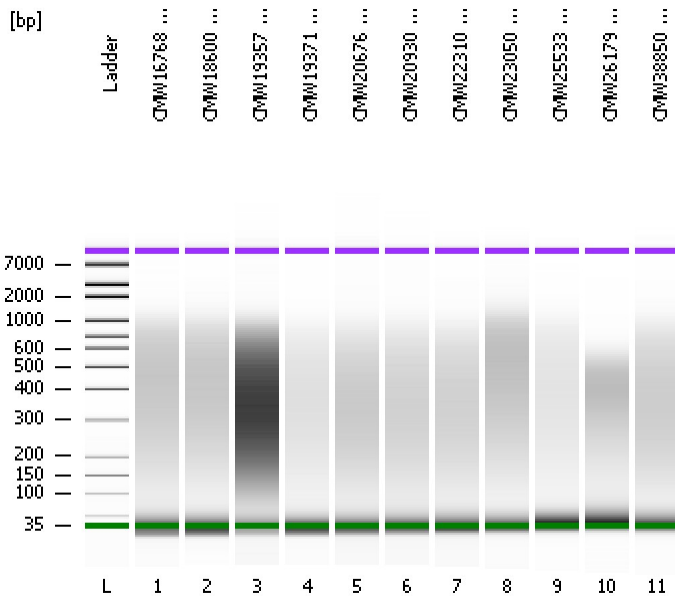


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
Modified: 5/13/2014 8:27:35 AM

Electrophoresis File Run Summary



Instrument Information:

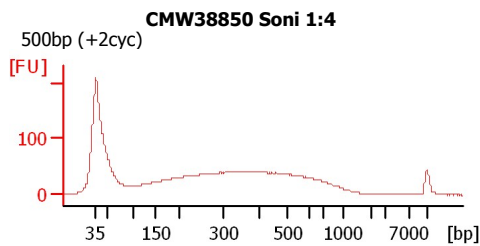
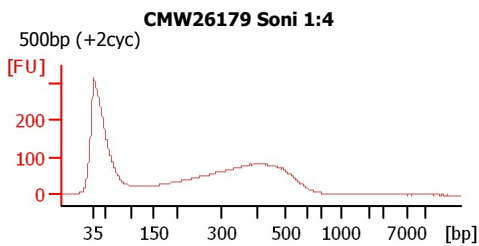
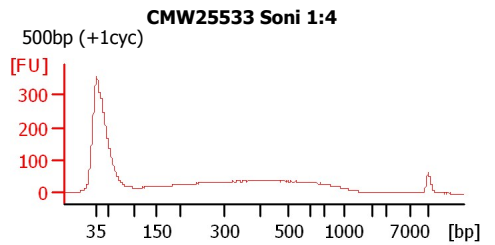
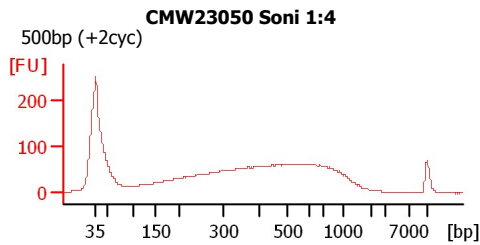
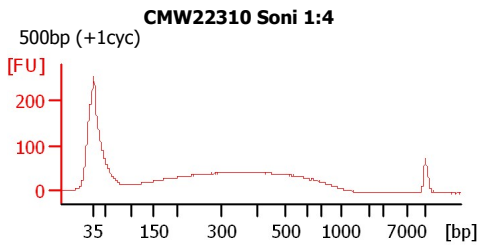
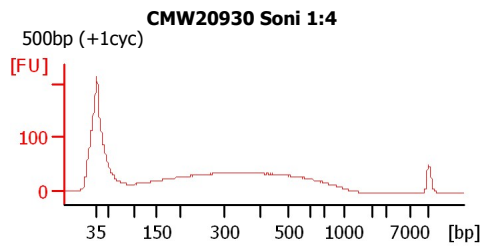
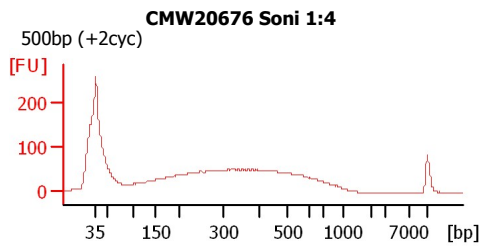
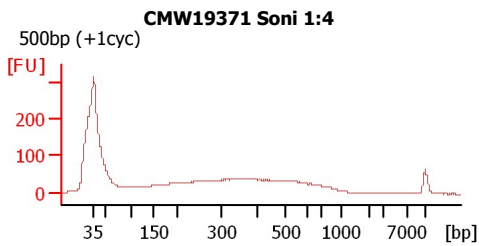
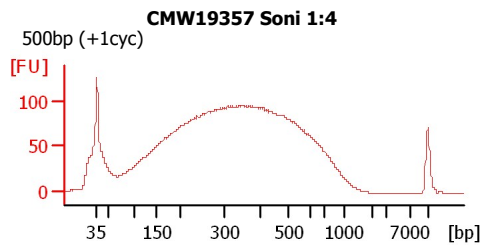
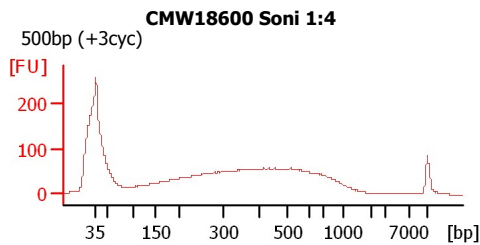
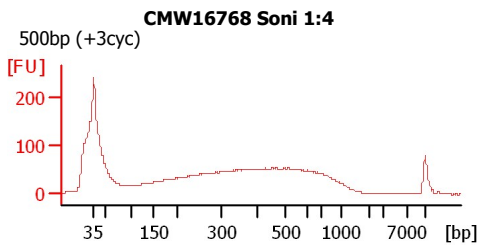
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
CMW16768 Soni 1:4	500bp (+3cyc)	<input type="checkbox"/>	✓			
CMW18600 Soni 1:4	500bp (+3cyc)	<input type="checkbox"/>	✓			
CMW19357 Soni 1:4	500bp (+1cyc)	<input type="checkbox"/>	✓			
CMW19371 Soni 1:4	500bp (+1cyc)	<input type="checkbox"/>	✓			
CMW20676 Soni 1:4	500bp (+2cyc)	<input type="checkbox"/>	✓			
CMW20930 Soni 1:4	500bp (+1cyc)	<input type="checkbox"/>	✓			
CMW22310 Soni 1:4	500bp (+1cyc)	<input type="checkbox"/>	✓			
CMW23050 Soni 1:4	500bp (+2cyc)	<input type="checkbox"/>	✓			
CMW25533 Soni 1:4	500bp (+1cyc)	<input type="checkbox"/>	✓			
CMW26179 Soni 1:4	500bp (+2cyc)	<input type="checkbox"/>	✓			
CMW38850 Soni 1:4	500bp (+2cyc)	<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\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
Modified: 5/13/2014 8:27:35 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

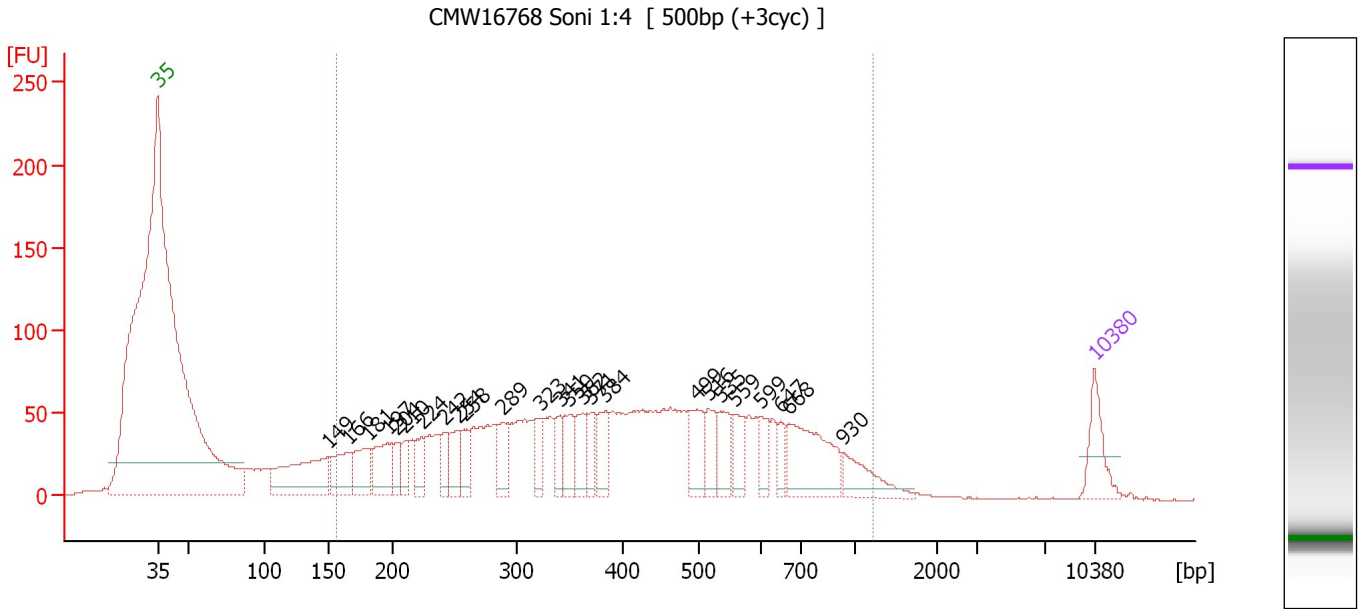
Ladder

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\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary



Overall Results for sample 1 : CMW16768 Soni 1:4

Number of peaks found: 25 Corr. Area 1: 2,339.0
 Noise: 0.2

Peak table for sample 1 : CMW16768 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	149	290.77	2,949.0	
3	166	127.39	1,163.0	
4	181	115.30	964.9	
5	197	127.96	986.1	
6	204	55.45	412.5	
7	210	56.44	406.6	
8	224	70.04	473.5	
9	242	59.30	370.6	
10	254	82.15	490.7	
11	258	60.31	354.5	
12	289	80.31	421.2	
13	323	65.03	305.2	
14	341	59.14	262.9	
15	350	86.37	374.0	
16	362	80.37	336.0	
17	371	57.96	236.8	
18	384	91.89	362.5	
19	499	100.37	304.5	
20	516	70.22	206.1	
21	535	81.68	231.2	
22	559	62.41	169.1	
23	599	56.87	143.9	
24	647	38.71	90.6	
25	668	218.69	496.4	
26	930	88.90	144.8	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...**... Peak table for sample 1 : CMW16768 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker

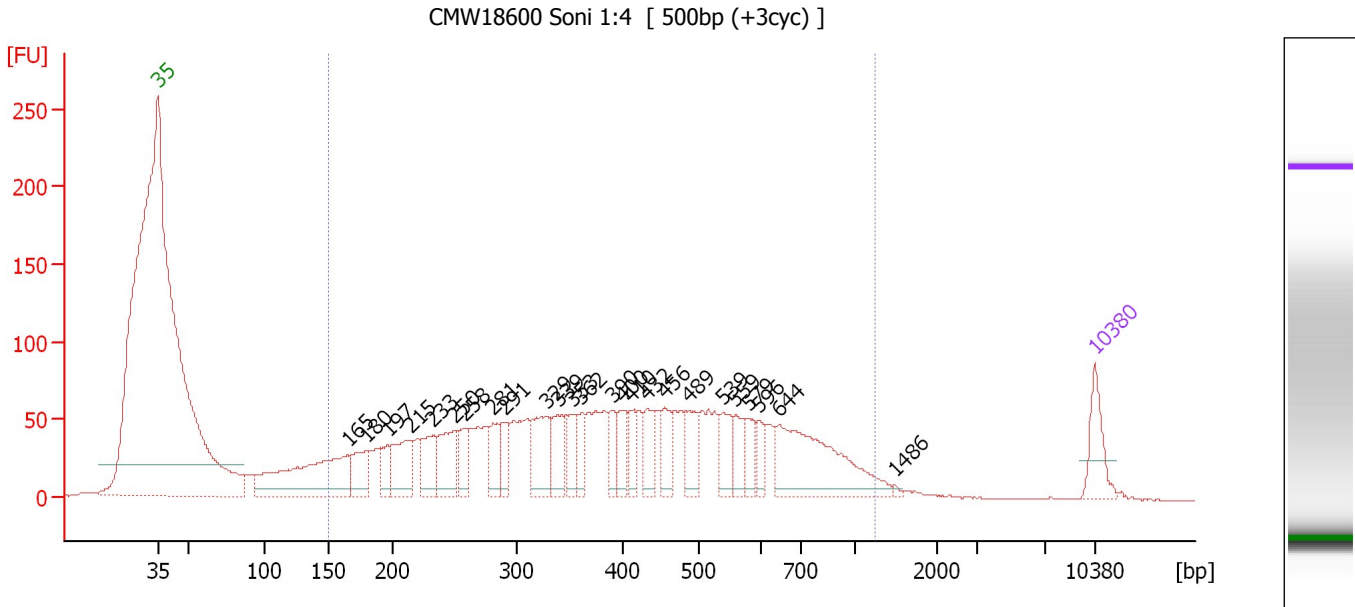
Region table for sample 1 : CMW16768 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
155	1,229	437	15,239.5	3,278.19	2,339.0	88	45.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : CMW18600 Soni 1:4

Number of peaks found: 25 Corr. Area 1: 2,502.0
 Noise: 0.2

Peak table for sample 2 : CMW18600 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	165	435.66	3,998.3	
3	180	113.16	950.5	
4	197	73.64	567.3	
5	215	147.45	1,040.3	
6	233	112.37	731.2	
7	250	148.23	896.8	
8	258	74.44	436.8	
9	281	85.74	461.5	
10	291	70.38	366.7	
11	329	151.98	700.5	
12	339	112.84	504.3	
13	353	82.22	352.9	
14	362	62.47	261.8	
15	390	64.46	250.3	
16	400	68.40	259.2	
17	410	58.85	217.5	
18	432	84.77	297.2	
19	456	83.30	276.8	
20	489	84.47	261.6	
21	539	80.02	225.0	
22	559	68.01	184.3	
23	579	54.11	141.5	
24	596	47.80	121.4	
25	644	346.43	815.3	
26	1,486	4.37	4.5	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...**... Peak table for sample 2 : CMW18600 Soni 1:4**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker

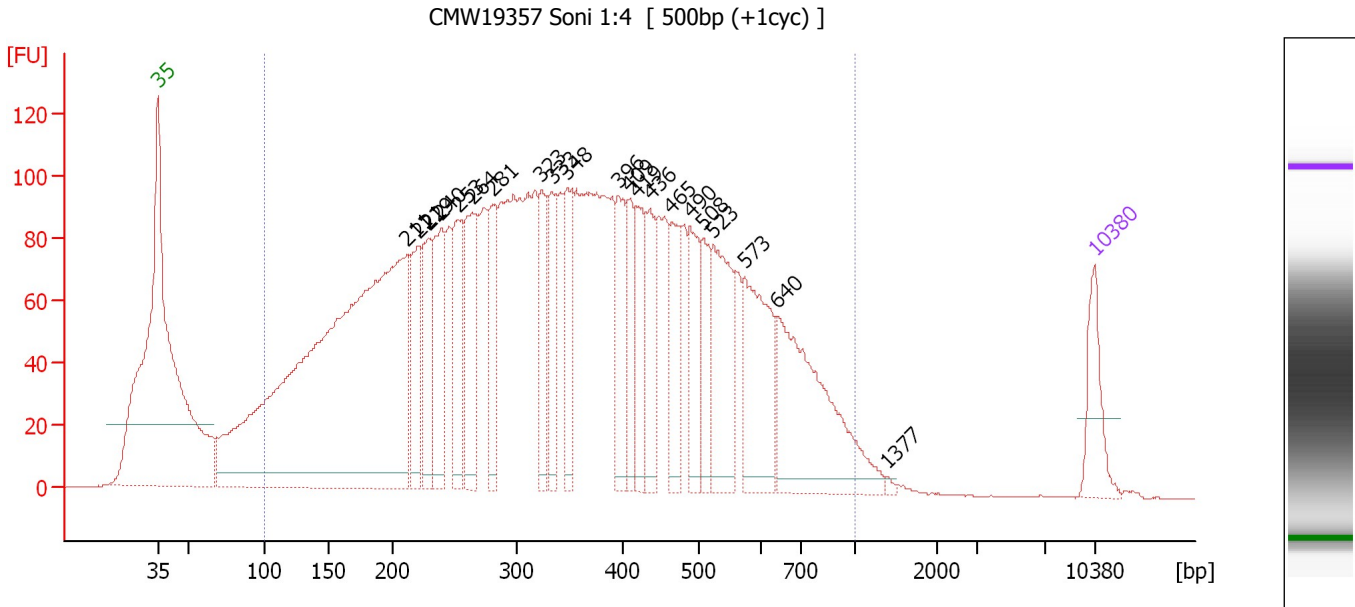
Region table for sample 2 : CMW18600 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
149	1,231	429	16,440.1	3,473.48	2,502.0	90	45.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : CMW19357 Soni 1:4

Number of peaks found: 21 Corr. Area 1: 4,574.3
 Noise: 0.1

Peak table for sample 3 : CMW19357 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	211	1,853.75	13,288.4	
3	221	157.19	1,076.3	
4	229	170.56	1,130.5	
5	240	213.27	1,348.9	
6	253	183.07	1,095.8	
7	264	215.16	1,234.5	
8	281	138.48	745.9	
9	323	130.96	613.5	
10	333	127.75	580.8	
11	348	125.22	545.2	
12	396	142.43	544.3	
13	409	106.49	394.7	
14	419	118.96	430.1	
15	436	131.05	455.1	
16	465	130.35	425.0	
17	490	123.20	381.3	
18	508	91.24	272.1	
19	523	215.13	622.8	
20	573	240.97	636.9	
21	640	359.68	851.5	
22	1,377	4.70	5.2	
23	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...

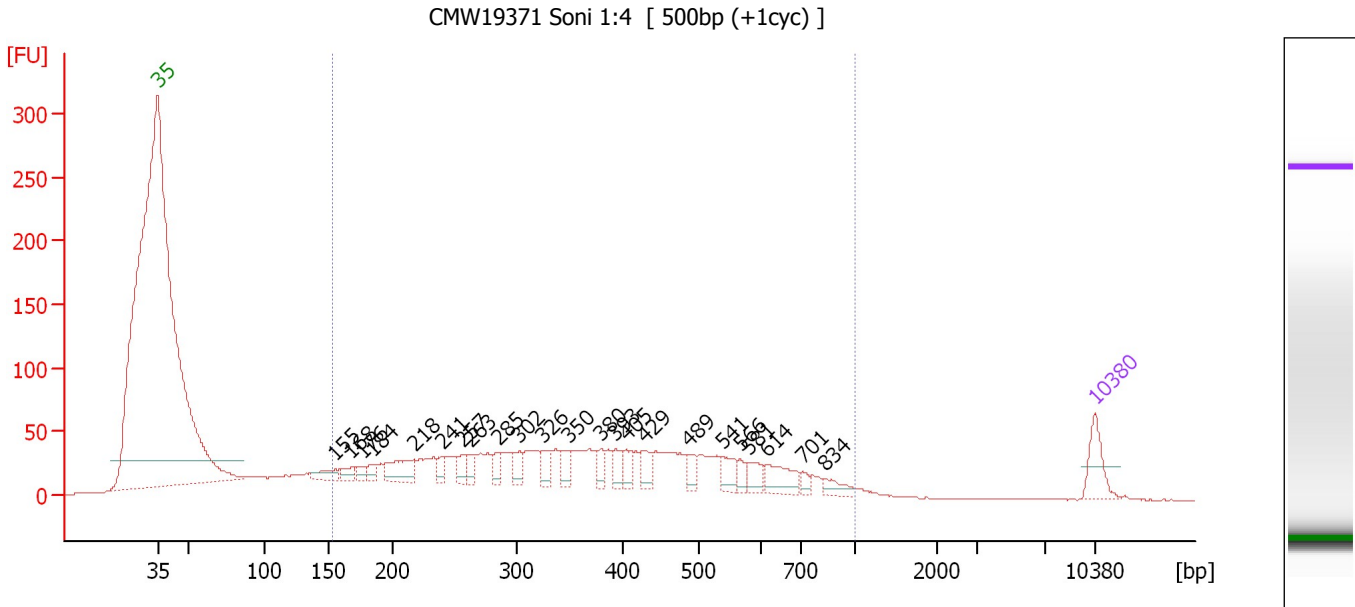
... Region table for sample 3 : CMW19357 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
101	1,000	368	41,153.0	7,115.51	4,574.3	95	45.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : CMW19371 Soni 1:4

Number of peaks found: 23 Corr. Area 1: 1,620.6
 Noise: 0.2

Peak table for sample 4 : CMW19371 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	155	53.75	525.9	
3	168	37.45	338.0	
4	176	29.21	251.2	
5	184	30.17	248.5	
6	218	116.84	813.6	
7	241	38.74	243.2	
8	257	40.95	241.7	
9	263	45.12	260.4	
10	285	45.88	243.7	
11	302	46.57	233.7	
12	326	46.74	217.5	
13	350	51.77	224.3	
14	380	41.02	163.7	
15	393	49.42	190.4	
16	405	45.24	169.1	
17	429	52.99	187.2	
18	489	40.31	124.9	
19	541	54.03	151.5	
20	566	33.87	90.6	
21	581	48.15	125.6	
22	614	83.26	205.6	
23	701	21.45	46.4	
24	834	35.40	64.3	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...

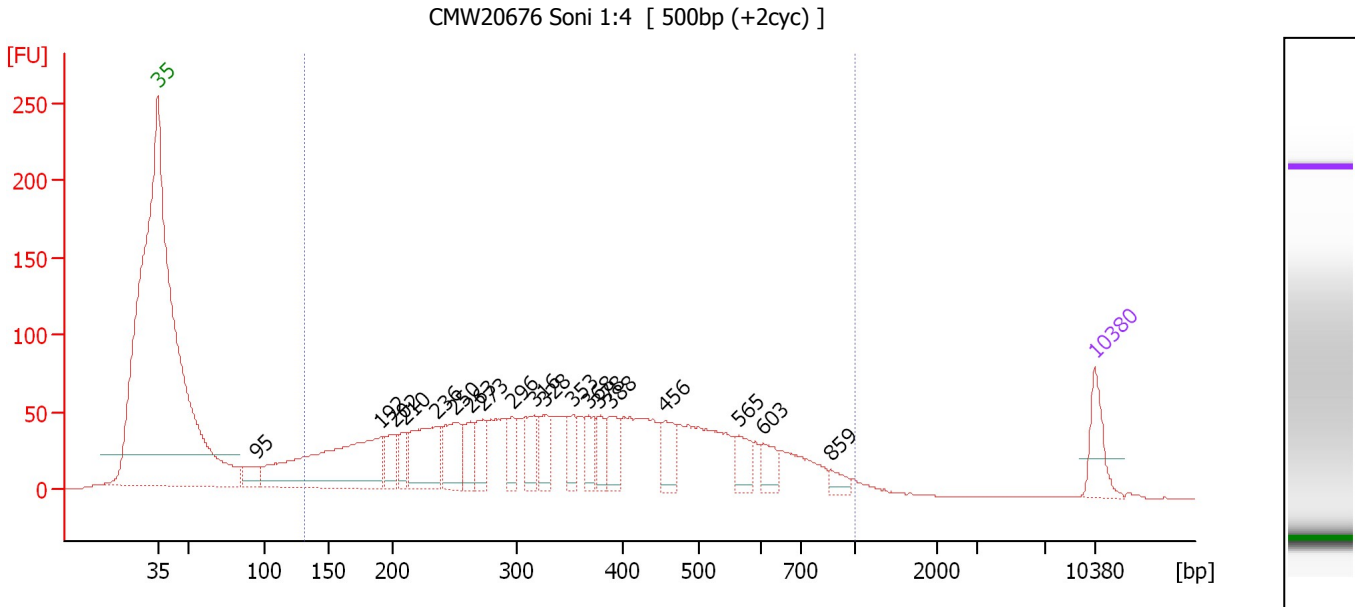
... Region table for sample 4 : CMW19371 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
152	1,000	393	13,812.3	2,768.70	■ 1,620.6	87	42.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : CMW20676 Soni 1:4

Number of peaks found: 19 Corr. Area 1: 2,245.1
 Noise: 0.2

Peak table for sample 5 : CMW20676 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	95	68.82	1,101.4	
3	192	597.79	4,727.3	
4	202	85.54	641.1	
5	210	62.86	453.2	
6	236	234.27	1,505.2	
7	250	157.25	952.1	
8	263	90.99	524.1	
9	273	91.48	507.4	
10	296	75.42	385.8	
11	316	87.81	420.7	
12	328	86.85	401.8	
13	353	77.05	330.5	
14	368	61.30	252.6	
15	378	59.64	238.8	
16	388	87.46	341.1	
17	456	83.95	279.0	
18	565	65.56	175.9	
19	603	55.52	139.4	
20	859	25.11	44.3	
21	10,380	75.00	10.9	Upper Marker

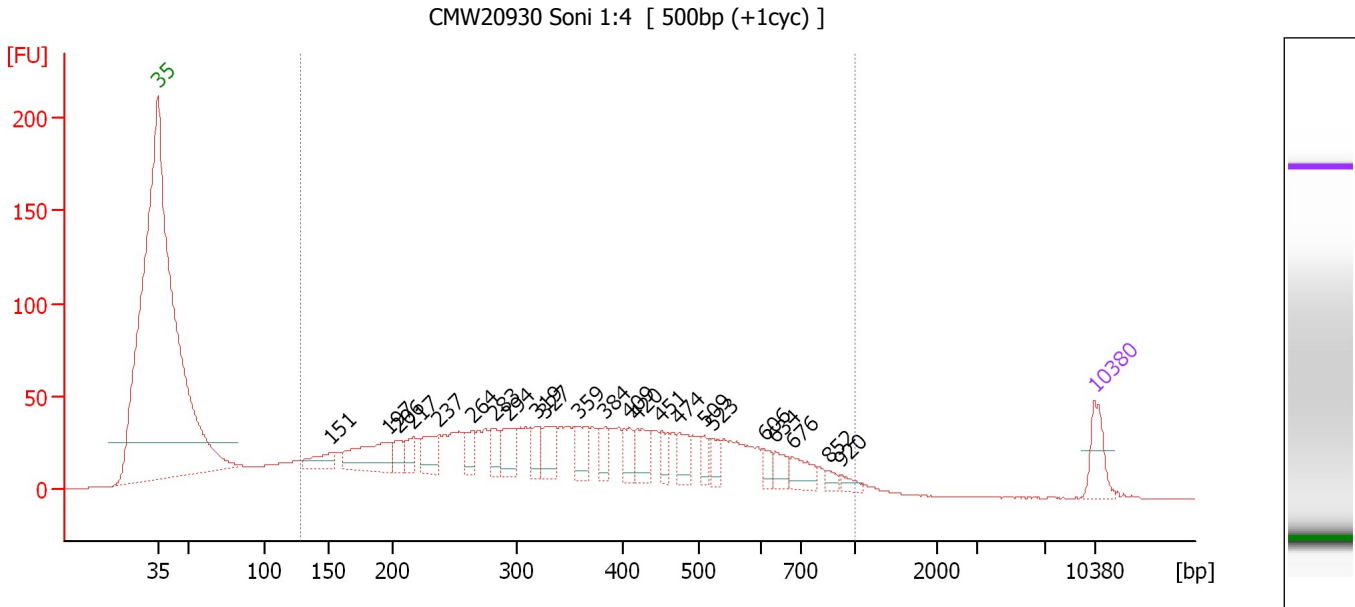
Region table for sample 5 : CMW20676 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
131	1,000	379	17,229.6	3,230.21	2,245.1	92	43.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : CMW20930 Soni 1:4

Number of peaks found: 23 Corr. Area 1: 1,647.6
 Noise: 0.1

Peak table for sample 6 : CMW20930 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	151	77.21	776.3	
3	197	207.13	1,591.1	
4	206	55.74	410.4	
5	217	54.62	381.3	
6	237	103.41	659.8	
7	264	70.85	406.1	
8	283	65.06	348.9	
9	294	104.15	536.1	
10	319	72.83	345.6	
11	327	98.83	458.2	
12	359	90.09	380.2	
13	384	54.27	214.3	
14	409	59.52	220.6	
15	420	91.54	329.9	
16	451	48.67	163.4	
17	474	70.18	224.2	
18	509	40.37	120.1	
19	523	38.17	110.6	
20	606	35.89	89.7	
21	634	46.36	110.8	
22	676	67.25	150.8	
23	852	18.70	33.3	
24	920	20.47	33.7	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...

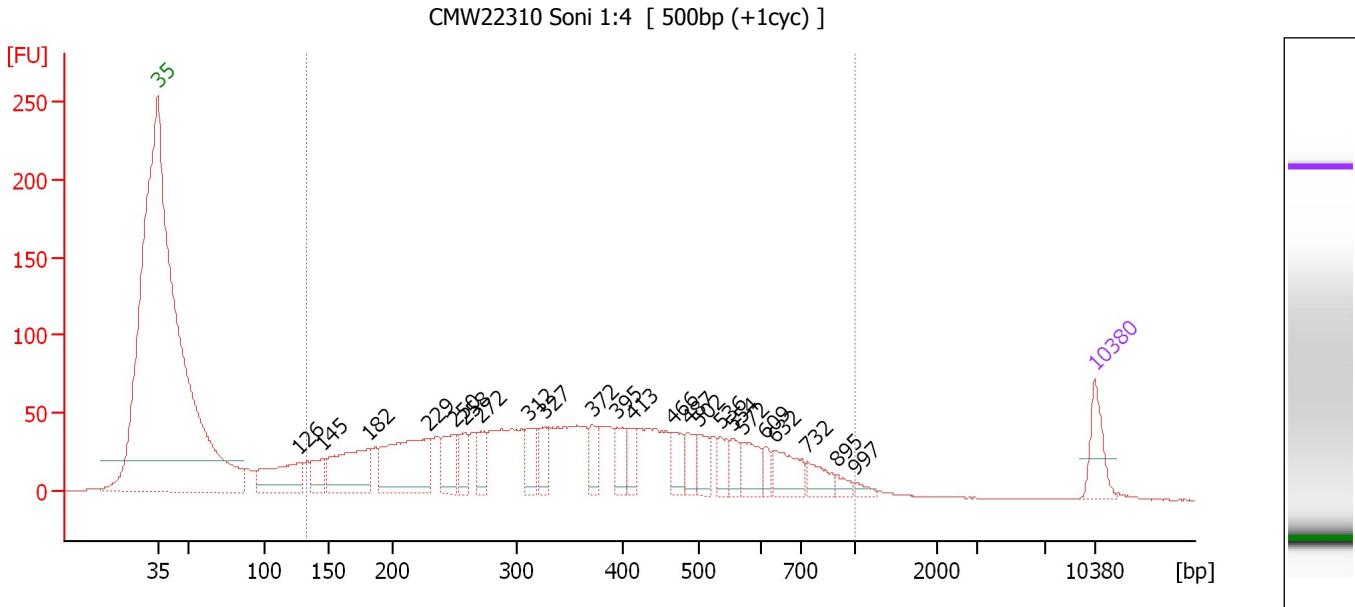
... Region table for sample 6 : CMW20930 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
127	1,000	379	19,832.7	3,668.13	■ 1,647.6	91	44.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : CMW22310 Soni 1:4

Number of peaks found: 23 Corr. Area 1: 1,944.8
 Noise: 0.1

Peak table for sample 7 : CMW22310 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	126	215.65	2,594.1	
3	145	81.86	853.7	
4	182	279.19	2,325.3	
5	229	359.56	2,382.5	
6	250	120.87	733.3	
7	258	86.86	509.3	
8	272	66.27	369.3	
9	312	78.76	382.4	
10	327	77.06	357.4	
11	372	71.07	289.7	
12	395	74.48	285.5	
13	413	52.34	192.0	
14	466	72.68	236.1	
15	487	67.19	209.1	
16	502	67.89	204.8	
17	536	55.31	156.3	
18	554	49.40	135.1	
19	572	80.75	213.9	
20	609	30.02	74.7	
21	632	99.01	237.2	
22	732	58.21	120.5	
23	895	21.66	36.7	
24	997	14.95	22.7	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...

... Region table for sample 7 : CMW22310 Soni 1:4

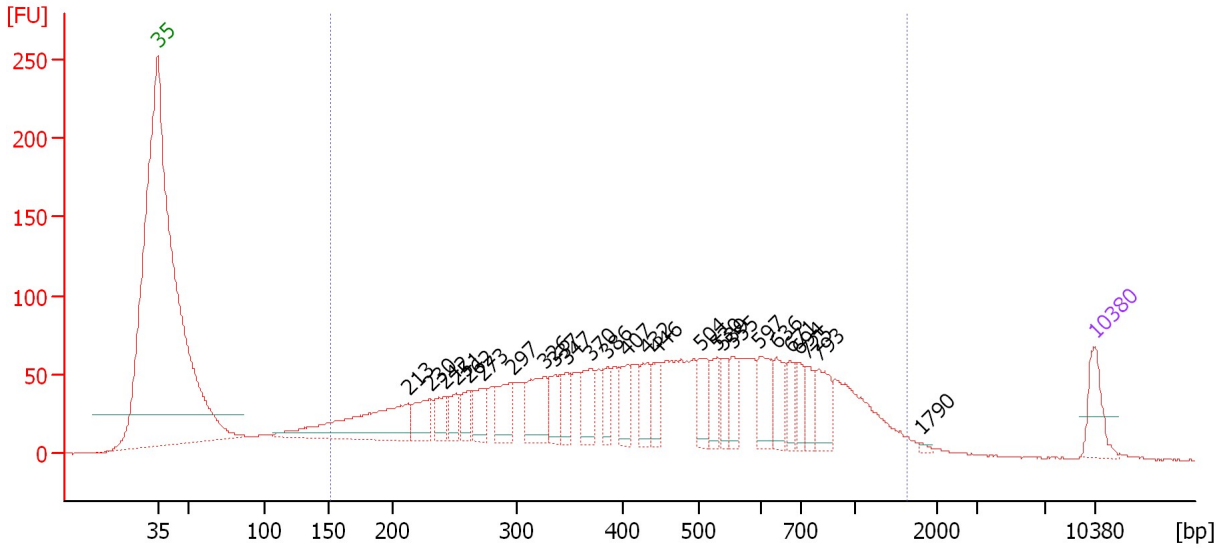
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
132	1,000	384	16,607.6	3,147.75	■ 1,944.8	92	43.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...

CMW23050 Soni 1:4 [500bp (+2cyc)]



Overall Results for sample 8 : CMW23050 Soni 1:4

Number of peaks found: 26 Corr. Area 1: 2,606.3
 Noise: 0.1

Peak table for sample 8 : CMW23050 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	213	346.96	2,469.4	
3	230	94.20	620.0	
4	242	65.80	411.8	
5	251	65.07	392.3	
6	262	63.11	365.5	
7	273	85.84	476.4	
8	297	115.19	588.0	
9	326	155.06	720.3	
10	337	77.54	348.6	
11	347	69.12	301.7	
12	370	101.50	415.5	
13	386	59.95	235.3	
14	407	69.56	258.9	
15	432	84.15	295.0	
16	446	70.61	240.1	
17	504	90.80	272.9	
18	530	69.28	198.2	
19	539	59.80	168.1	
20	555	63.30	172.8	
21	597	98.00	248.7	
22	636	75.25	179.4	
23	671	57.72	130.4	
24	694	52.76	115.2	
25	725	49.99	104.5	
26	793	96.90	185.1	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...**... Peak table for sample 8 : CMW23050 Soni 1:4**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	1,790	6.53	5.5	
28	▶ 10,380	75.00	10.9	Upper Marker

Region table for sample 8 : CMW23050 Soni 1:4

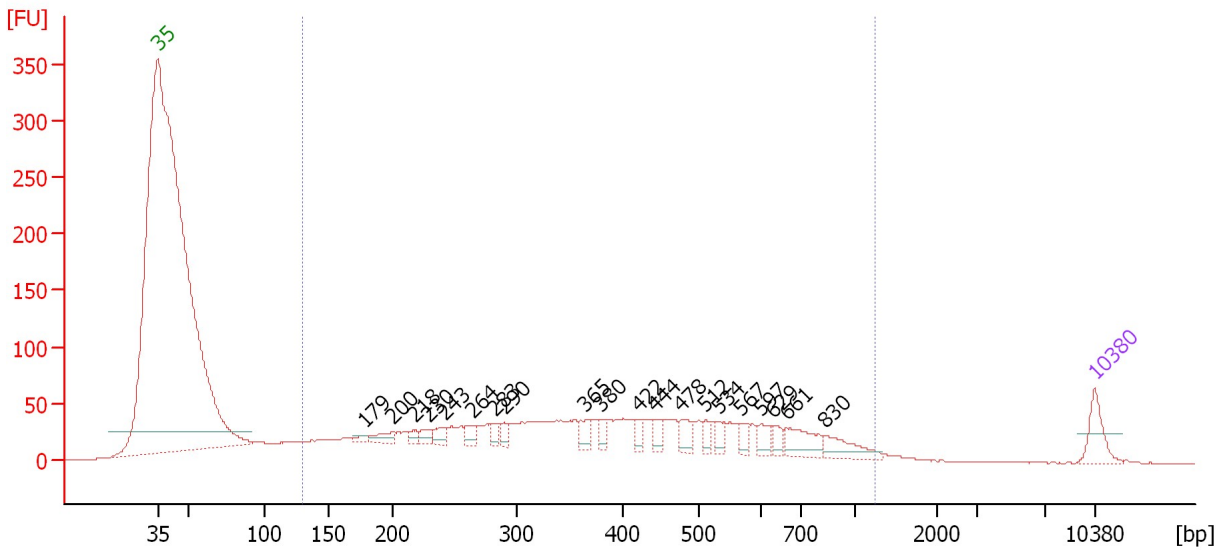
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
151	1,632	492	16,971.6	3,883.80	■ 2,606.3	92	52.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...

CMW25533 Soni 1:4 [500bp (+1cyc)]



Overall Results for sample 9 : CMW25533 Soni 1:4

Number of peaks found: 20 Corr. Area 1: 1,665.4
 Noise: 0.1

Peak table for sample 9 : CMW25533 Soni 1:4

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	179	19.63	166.6	
3	200	46.42	352.1	
4	218	24.26	169.0	
5	230	38.02	250.6	
6	243	45.95	286.8	
7	264	43.13	247.2	
8	283	33.71	180.8	
9	290	34.71	181.3	
10	365	49.86	207.0	
11	380	36.06	143.7	
12	422	38.52	138.4	
13	444	41.01	140.0	
14	478	56.50	178.9	
15	512	36.50	107.9	
16	534	34.79	98.6	
17	567	34.58	92.4	
18	597	42.78	108.5	
19	629	34.76	83.7	
20	661	101.26	232.2	
21	830	81.97	149.7	
22	10,380	75.00	10.9	Upper Marker

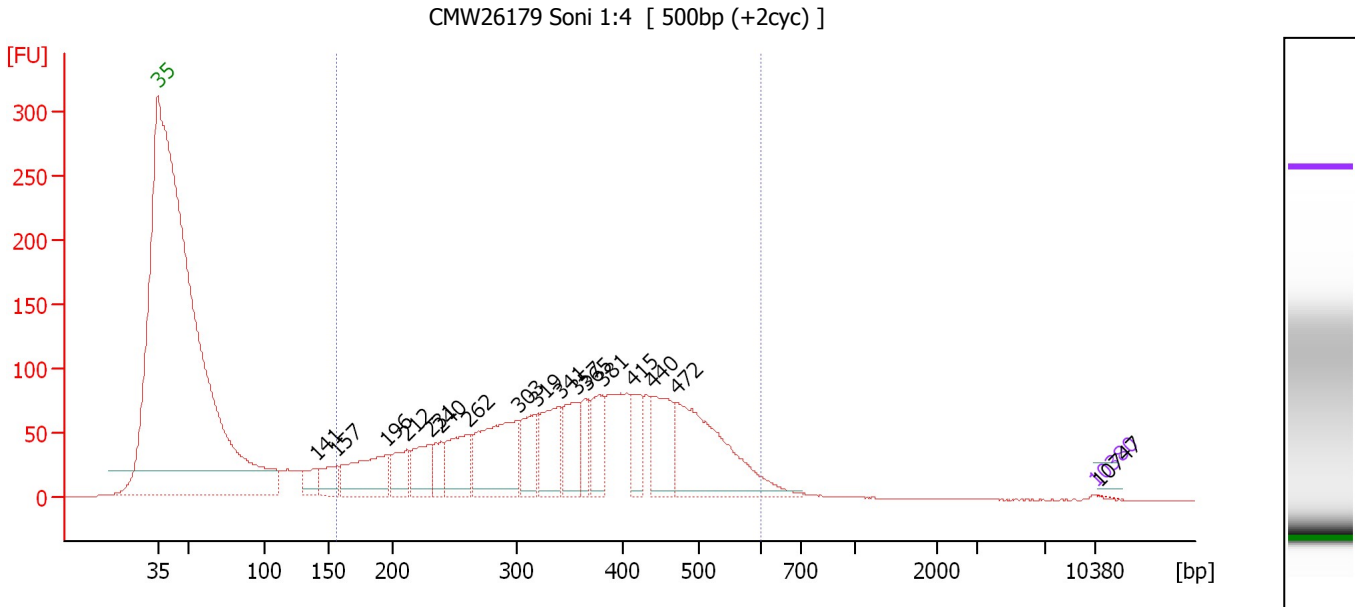
Region table for sample 9 : CMW25533 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
129	1,234	415	14,541.2	2,843.92	1,665.4	93	47.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : CMW26179 Soni 1:4

Number of peaks found: 17 Corr. Area 1: 2,386.9
 Noise: 0.1

Peak table for sample 10 : CMW26179 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	141	25,957.18	279,083.9	
3	157	35,022.25	338,649.7	
4	196	89,667.09	694,924.8	
5	212	41,950.21	299,587.4	
6	231	49,469.42	324,409.8	
7	240	31,090.56	196,541.3	
8	262	66,785.47	386,514.4	
9	303	129,320.98	647,380.8	
10	319	52,721.34	250,286.9	
11	341	69,122.81	306,811.2	
12	357	56,307.68	238,835.8	
13	365	28,736.64	119,140.0	
14	381	46,371.21	184,564.4	
15	415	36,355.77	132,830.7	
16	440	68,781.67	237,073.6	
17	472	165,610.72	531,082.2	
18	10,380	75.00	10.9	Upper Marker
19	10,747	0.00	0.0	

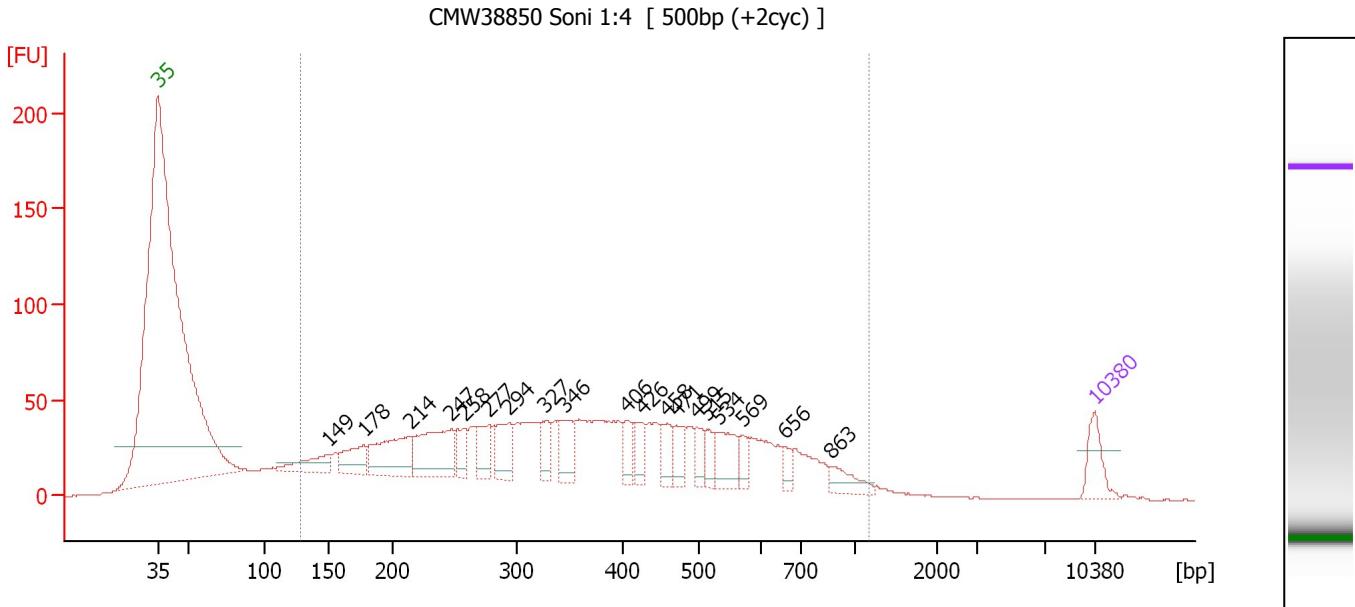
Region table for sample 10 : CMW26179 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
156	599	360	5,458,448.0	1,112,134.13	2,386.9	91	29.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
 Modified: 5/13/2014 8:27:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : CMW38850 Soni 1:4

Number of peaks found: 19 Corr. Area 1: 1,809.5
 Noise: 0.1

Peak table for sample 11 : CMW38850 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	149	115.16	1,169.0	
3	178	125.51	1,070.4	
4	214	252.69	1,786.6	
5	247	274.42	1,680.1	
6	258	82.61	485.5	
7	277	105.41	576.9	
8	294	141.20	728.4	
9	327	85.67	396.8	
10	346	118.98	520.6	
11	406	67.54	251.9	
12	426	74.21	263.9	
13	458	72.24	238.9	
14	471	74.03	238.2	
15	499	62.93	191.3	
16	515	48.35	142.2	
17	534	121.44	344.3	
18	569	47.61	126.7	
19	656	34.90	80.6	
20	863	61.71	108.4	
21	10,380	75.00	10.9	Upper Marker

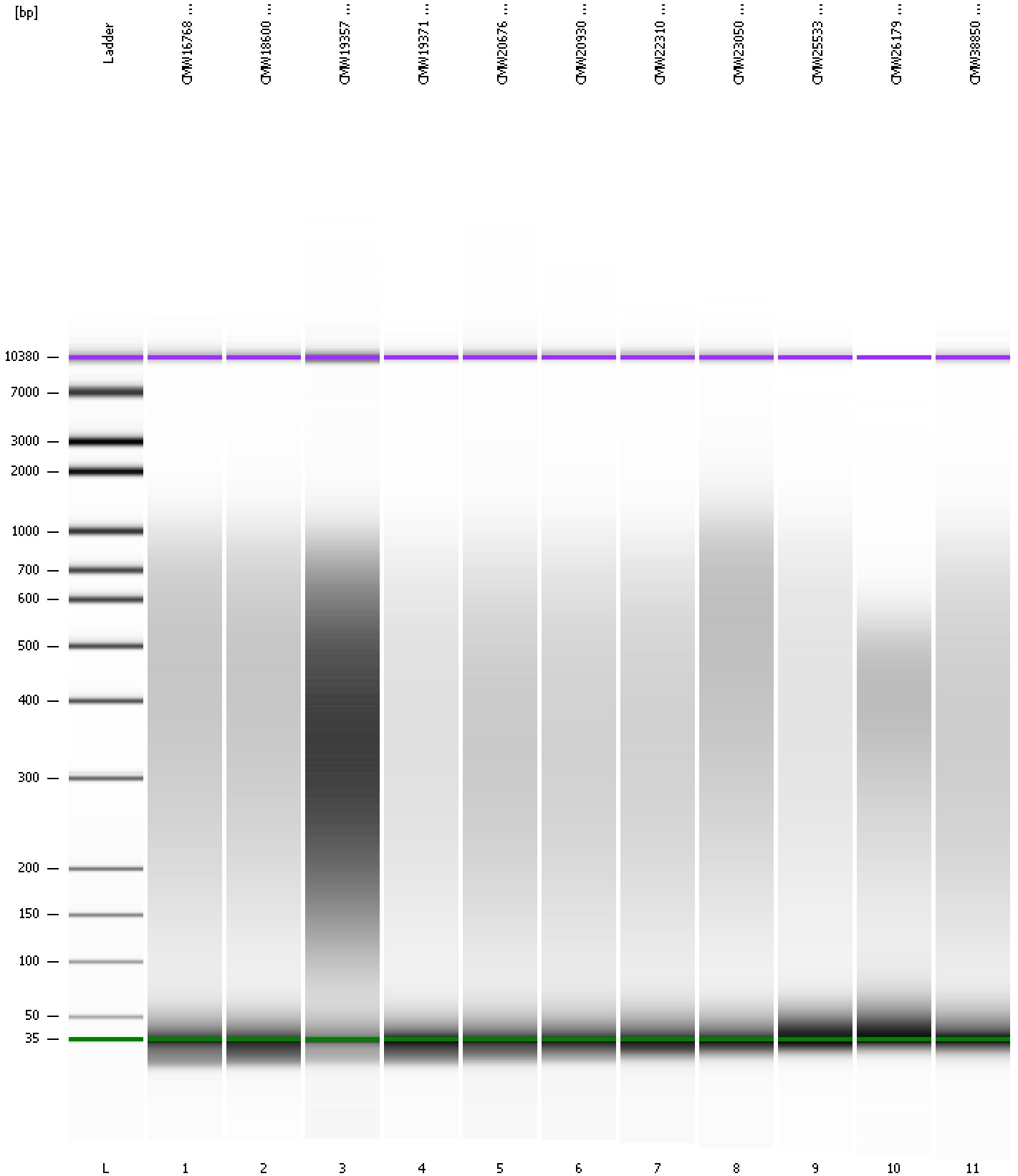
Region table for sample 11 : CMW38850 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
128	1,176	392	22,861.4	4,309.09	1,809.5	92	46.8

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
Modified: 5/13/2014 8:27:35 AM

Gel Image

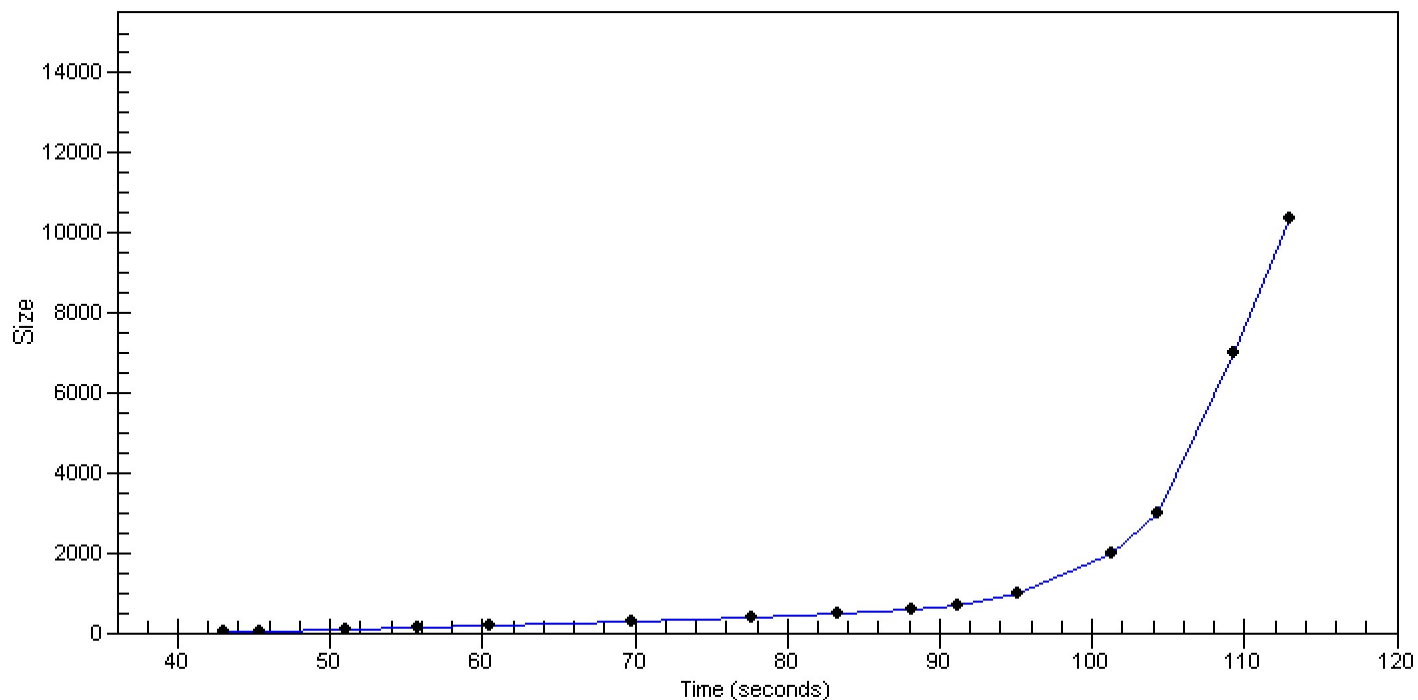


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
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Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad

Created: 5/13/2014 7:44:43 AM
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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		5/13/2014 8:26:01 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\Data\2014-05-13\2014-05-13_001.xad)		Instrument	Run		5/13/2014 7:44:49 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		5/13/2014 7:44:49 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		5/13/2014 7:44:49 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		5/13/2014 7:44:49 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		5/13/2014 7:44:49 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		5/13/2014 7:44:49 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		5/13/2014 7:44:49 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1