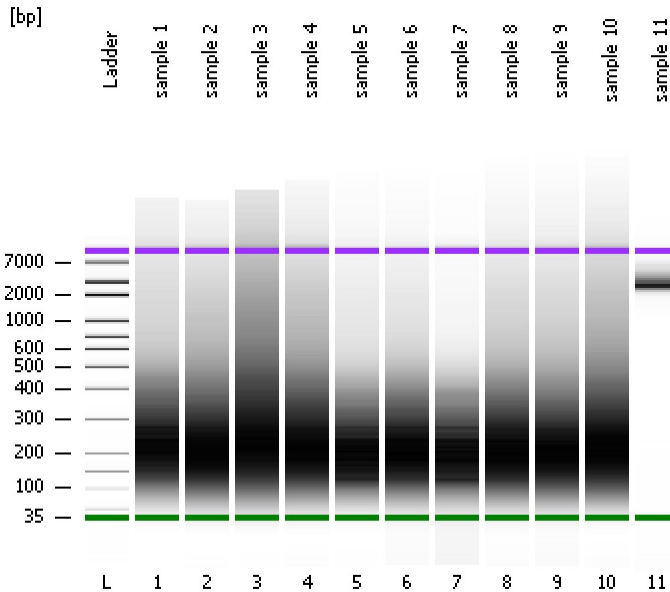


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
Modified: 5/14/2014 2:05:34 PM

Electrophoresis File Run Summary



Instrument Information:

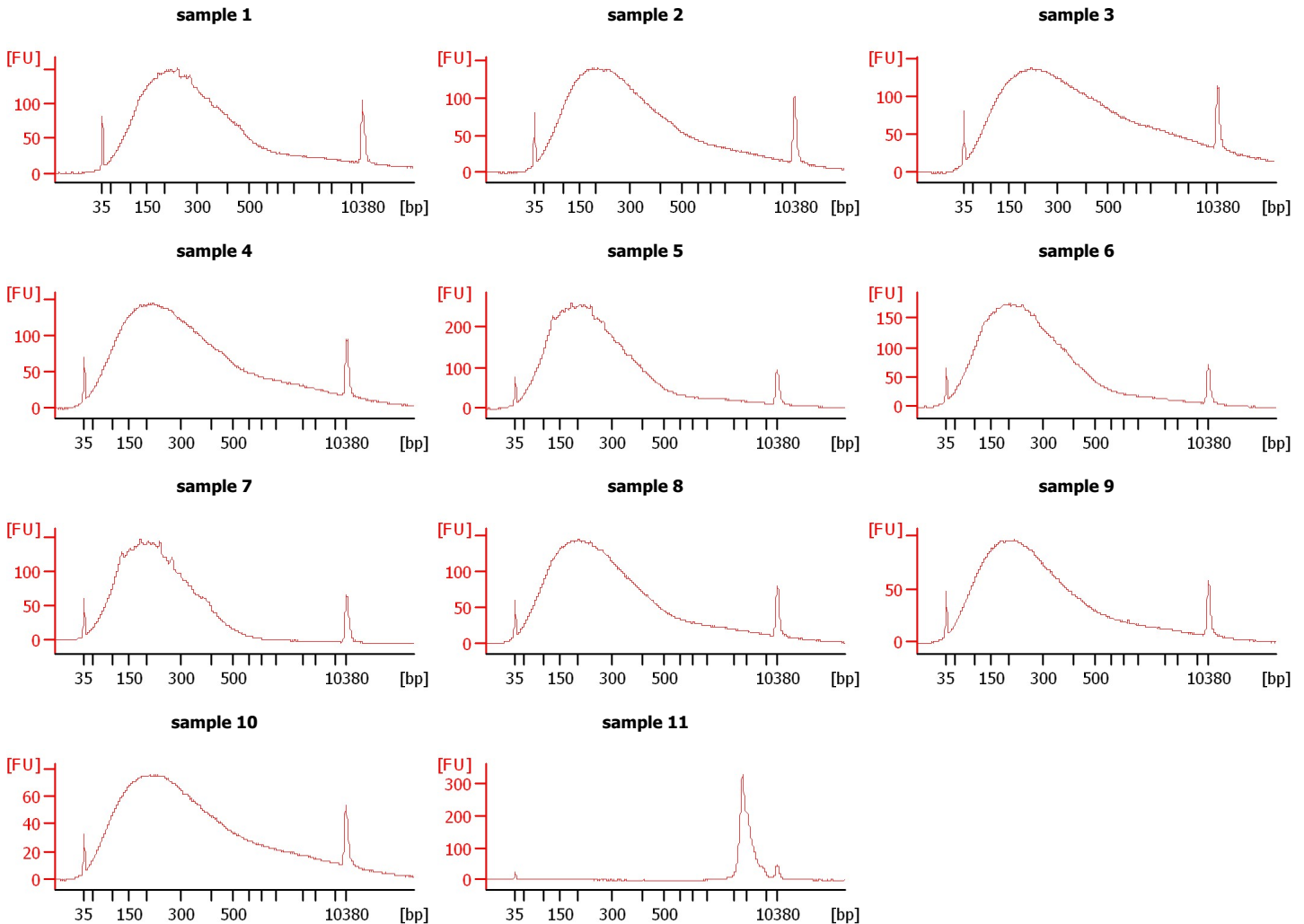
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 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: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
Modified: 5/14/2014 2:05:34 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/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 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

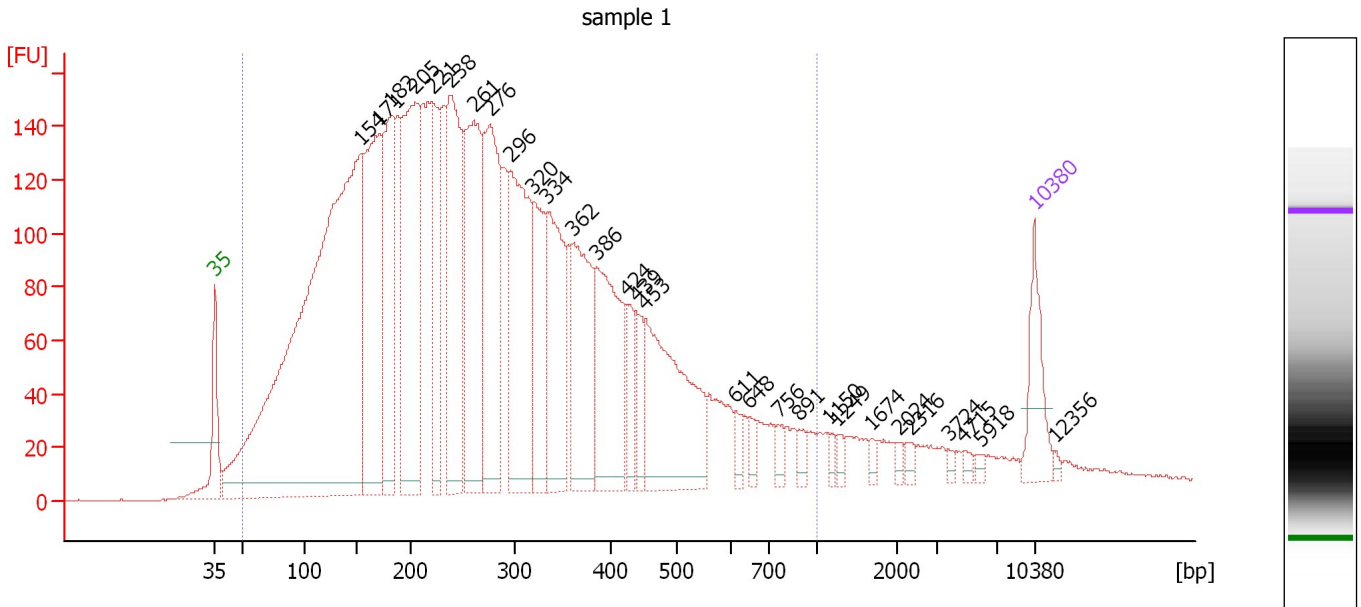
Ladder

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\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary



Overall Results for sample 1 : sample 1

Number of peaks found: 29 Corr. Area 1: 6,352.0
 Noise: 0.3

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	154	2,009.35	19,748.4	
3	171	498.43	4,421.4	
4	182	356.66	2,962.7	
5	205	516.60	3,815.5	
6	221	221.23	1,513.7	
7	238	418.46	2,661.2	
8	261	389.70	2,260.8	
9	276	383.21	2,100.3	
10	296	389.05	1,989.3	
11	320	205.59	973.7	
12	334	275.92	1,250.2	
13	362	257.34	1,078.0	
14	386	280.12	1,100.5	
15	424	66.96	239.3	
16	439	58.76	202.7	
17	453	329.73	1,103.8	
18	611	22.14	54.9	
19	648	18.02	42.1	
20	756	19.88	39.8	
21	891	16.86	28.7	
22	1,150	10.32	13.6	
23	1,249	11.30	13.7	
24	1,674	9.40	8.5	
25	2,024	9.73	7.3	
26	2,316	9.47	6.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : sample 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	3,724	6.64	2.7	
28	4,715	8.01	2.6	
29	5,918	6.99	1.8	
30	10,380	75.00	10.9	Upper Marker
31	12,356	0.00	0.0	

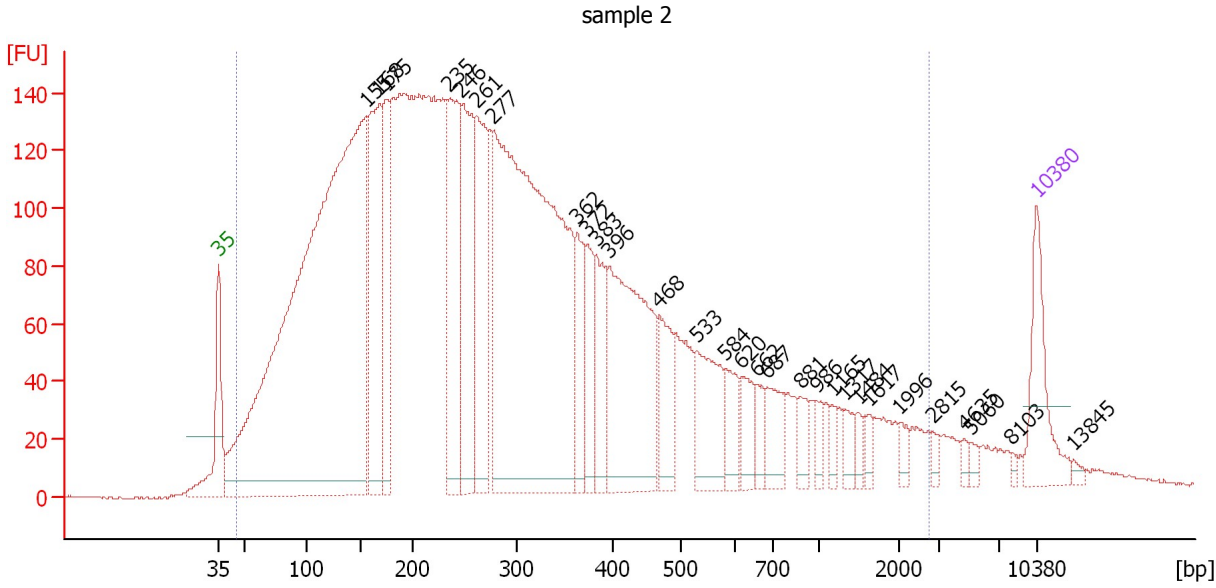
Region table for sample 1 : sample 1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
51	1,000	285	63,916.9	7,938.82	6,352.0	95	54.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 2

Number of peaks found: 29 Corr. Area 1: 6,784.5
 Noise: 0.4

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	155	1,879.29	18,377.6	
3	168	330.88	2,982.8	
4	175	171.45	1,487.5	
5	235	266.90	1,723.8	
6	246	252.80	1,558.1	
7	261	226.90	1,319.1	
8	277	1,123.03	6,143.7	
9	362	87.18	364.5	
10	372	77.59	315.6	
11	383	88.37	350.0	
12	396	334.83	1,281.3	
13	468	83.61	270.6	
14	533	109.31	310.9	
15	584	45.60	118.3	
16	620	41.64	101.8	
17	662	26.34	60.3	
18	687	50.59	111.6	
19	881	24.30	41.8	
20	986	15.66	24.1	
21	1,165	12.45	16.2	
22	1,317	17.19	19.8	
23	1,484	12.13	12.4	
24	1,617	12.26	11.5	
25	1,996	12.94	9.8	
26	2,815	7.20	3.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : sample 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	4,635	6.97	2.3	
28	5,060	7.59	2.3	
29	8,103	3.85	0.7	
30	10,380	75.00	10.9	Upper Marker
31	13,845	0.00	0.0	

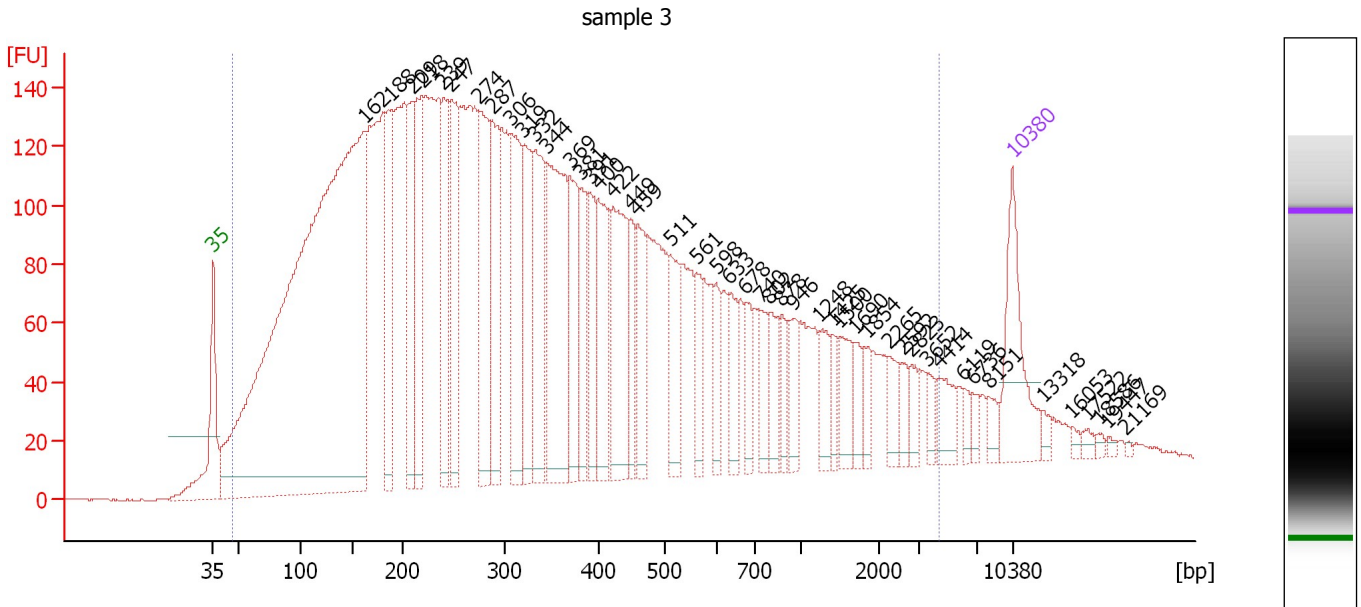
Region table for sample 2 : sample 2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
45	2,739	364	57,416.8	6,908.40	6,784.5	97	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : sample 3

Number of peaks found: 47 Corr. Area 1: 7,378.7
 Noise: 0.4

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	162	1,685.18	15,779.2	
3	188	129.65	1,046.7	
4	209	123.72	894.9	
5	218	159.58	1,107.3	
6	239	115.05	728.6	
7	247	154.75	951.0	
8	274	170.12	939.9	
9	287	131.72	695.9	
10	306	147.81	733.1	
11	319	113.64	540.4	
12	332	137.21	626.5	
13	344	231.53	1,020.4	
14	369	105.08	431.5	
15	381	61.54	244.4	
16	391	58.96	228.7	
17	400	103.23	391.2	
18	422	138.57	496.9	
19	449	50.12	169.0	
20	459	70.54	232.8	
21	511	71.11	210.9	
22	561	39.66	107.2	
23	598	32.85	83.2	
24	633	42.13	100.8	
25	678	35.97	80.4	
26	740	33.63	68.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : sample 3

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	802	35.39	66.9	
28	878	22.66	39.1	
29	946	31.34	50.2	
30	1,248	29.18	35.4	
31	1,425	16.96	18.0	
32	1,500	31.13	31.4	
33	1,690	20.78	18.6	
34	1,854	18.28	14.9	
35	2,265	19.58	13.1	
36	2,592	15.86	9.3	
37	2,823	16.00	8.6	
38	3,652	12.12	5.0	
39	4,414	26.53	9.1	
40	6,119	9.17	2.3	
41	6,736	8.68	2.0	
42	8,151	11.65	2.2	
43	10,380	75.00	10.9	Upper Marker
44	13,318	0.00	0.0	
45	16,053	0.00	0.0	
46	17,522	0.00	0.0	
47	18,586	0.00	0.0	
48	19,447	0.00	0.0	
49	21,169	0.00	0.0	

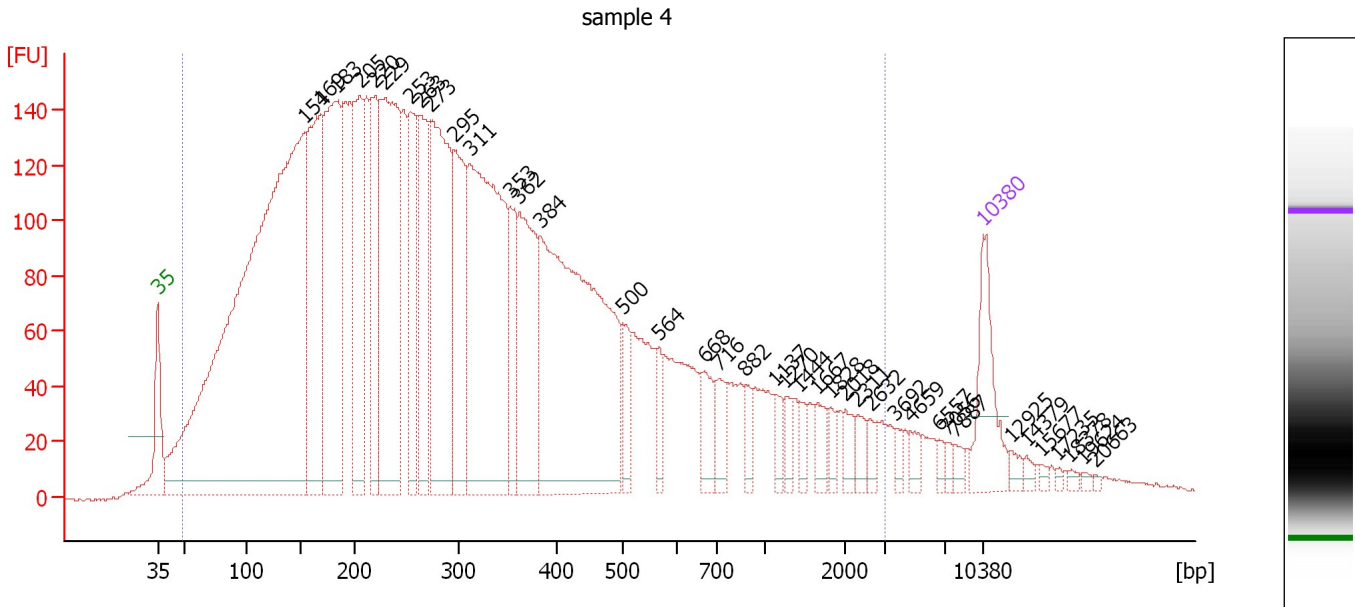
Region table for sample 3 : sample 3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
45	4,429	484	49,694.7	6,446.33	7,378.7	97	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : sample 4

Number of peaks found: 39 Corr. Area 1: 7,140.1
 Noise: 0.6

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	154	1,779.76	17,527.0	
3	169	369.80	3,321.4	
4	183	405.50	3,357.2	
5	205	216.52	1,597.8	
6	220	197.33	1,357.1	
7	229	425.23	2,808.3	
8	253	174.16	1,043.1	
9	263	178.07	1,025.3	
10	273	368.81	2,048.4	
11	295	205.15	1,054.6	
12	311	524.31	2,552.4	
13	353	96.59	414.8	
14	362	201.38	842.4	
15	384	629.27	2,483.7	
16	500	44.35	134.5	
17	564	29.76	79.9	
18	668	45.09	102.2	
19	716	37.81	80.0	
20	882	20.64	35.5	
21	1,137	20.80	27.7	
22	1,270	16.37	19.5	
23	1,444	14.95	15.7	
24	1,667	21.66	19.7	
25	1,828	12.85	10.6	
26	2,018	16.03	12.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : sample 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,311	15.96	10.5	
28	2,632	14.25	8.2	
29	3,692	8.48	3.5	
30	4,659	13.39	4.4	
31	6,557	6.79	1.6	
32	7,056	6.53	1.4	
33	7,887	8.60	1.7	
34	10,380	75.00	10.9	Upper Marker
35	12,925	0.00	0.0	
36	14,379	0.00	0.0	
37	15,677	0.00	0.0	
38	17,235	0.00	0.0	
39	18,378	0.00	0.0	
40	19,624	0.00	0.0	
41	20,663	0.00	0.0	

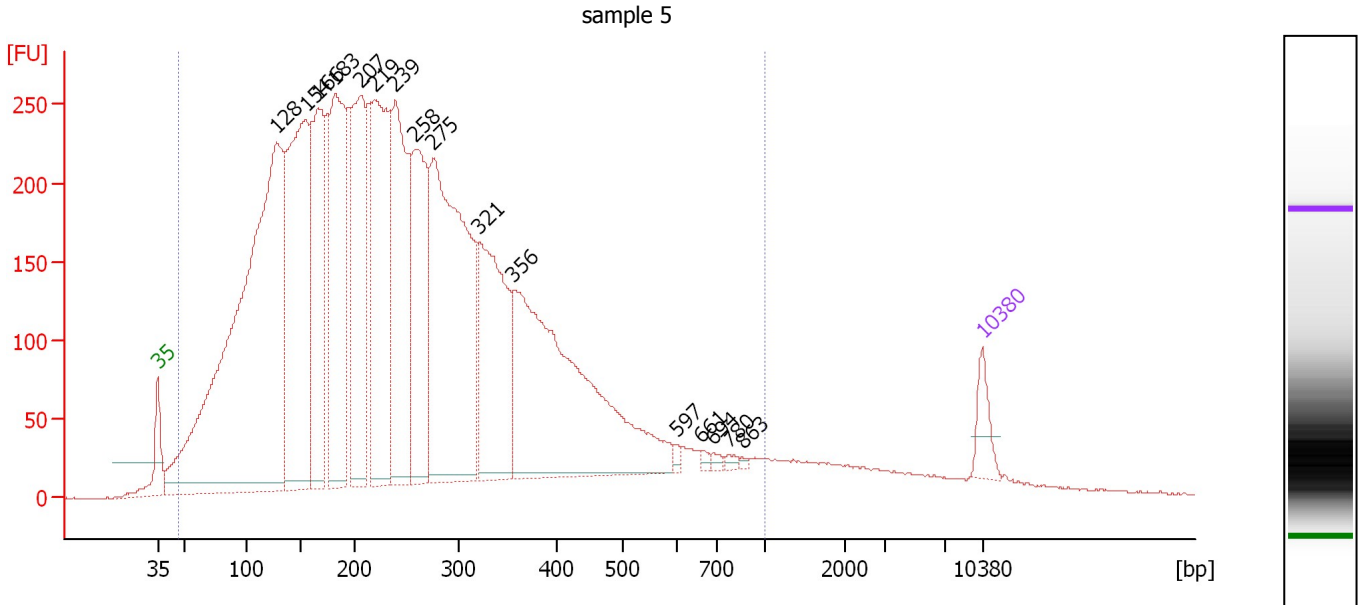
Region table for sample 4 : sample 4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
49	2,972	399	56,873.6	7,195.60	7,140.1	96	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sample 5

Number of peaks found: 16 Corr. Area 1: 10,129.6
 Noise: 0.6

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	128	3,437.92	40,799.1	
3	154	1,447.32	14,194.3	
4	166	918.51	8,391.3	
5	183	994.64	8,252.5	
6	207	830.09	6,075.2	
7	219	971.53	6,720.3	
8	239	887.69	5,621.6	
9	258	692.01	4,066.7	
10	275	1,571.69	8,649.8	
11	321	782.13	3,694.1	
12	356	1,499.47	6,380.8	
13	597	14.14	35.9	
14	661	13.76	31.5	
15	694	13.41	29.3	
16	780	13.62	26.5	
17	863	7.07	12.4	
18	10,380	75.00	10.9	Upper Marker

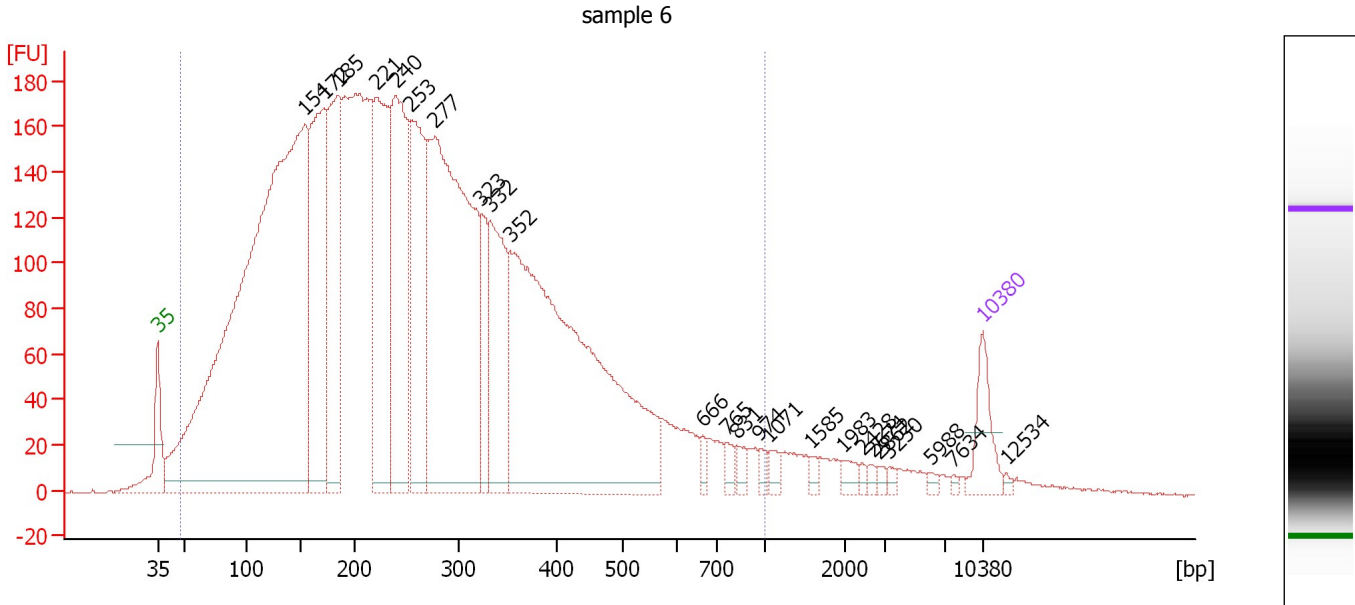
Region table for sample 5 : sample 5

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
46	1,000	260	137,173.9	15,775.85	10,129.5	96	54.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sample 6

Number of peaks found: 24 Corr. Area 1: 7,369.4
 Noise: 0.3

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	154	3,127.92	30,772.3	
3	172	701.89	6,197.4	
4	185	539.66	4,424.8	
5	221	565.83	3,874.3	
6	240	612.30	3,871.9	
7	253	522.45	3,122.9	
8	277	1,290.26	7,062.6	
9	323	145.12	681.6	
10	332	337.16	1,540.0	
11	352	1,494.91	6,428.1	
12	666	20.26	46.1	
13	765	23.66	46.9	
14	831	21.60	39.4	
15	974	14.52	22.6	
16	1,071	21.50	30.4	
17	1,585	13.14	12.6	
18	1,983	18.69	14.3	
19	2,428	7.39	4.6	
20	2,674	8.75	5.0	
21	2,862	8.16	4.3	
22	3,250	7.43	3.5	
23	5,988	8.44	2.1	
24	7,634	5.03	1.0	
25	10,380	75.00	10.9	Upper Marker
26	12,534	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...

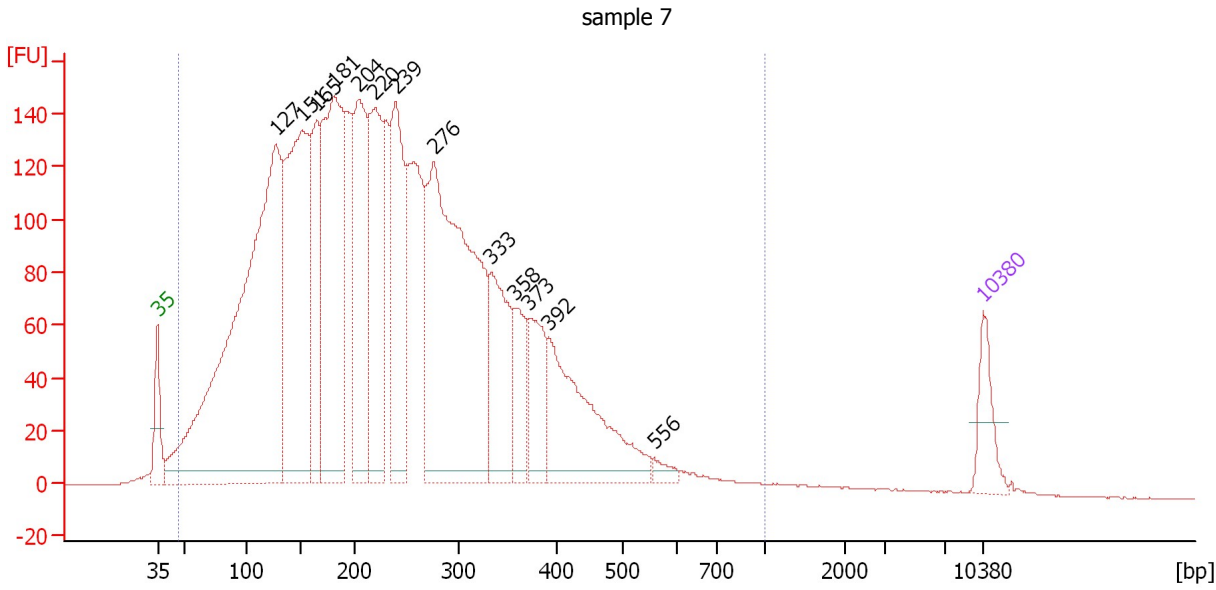
... Region table for sample 6 : sample 6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
47	1,000	271	93,150.0	10,948.38	 7,369.4	96	55.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : sample 7

Number of peaks found: 13 Corr. Area 1: 5,417.6
 Noise: 0.2

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	127	2,014.85	24,097.1	
3	151	972.62	9,752.2	
4	165	360.15	3,304.7	
5	181	840.69	7,023.0	
6	204	491.93	3,656.8	
7	220	483.07	3,331.9	
8	239	457.14	2,892.2	
9	276	1,198.61	6,586.9	
10	333	281.52	1,281.4	
11	358	154.37	652.9	
12	373	177.33	721.3	
13	392	425.94	1,645.0	
14	556	24.09	65.6	
15	10,380	75.00	10.9	Upper Marker

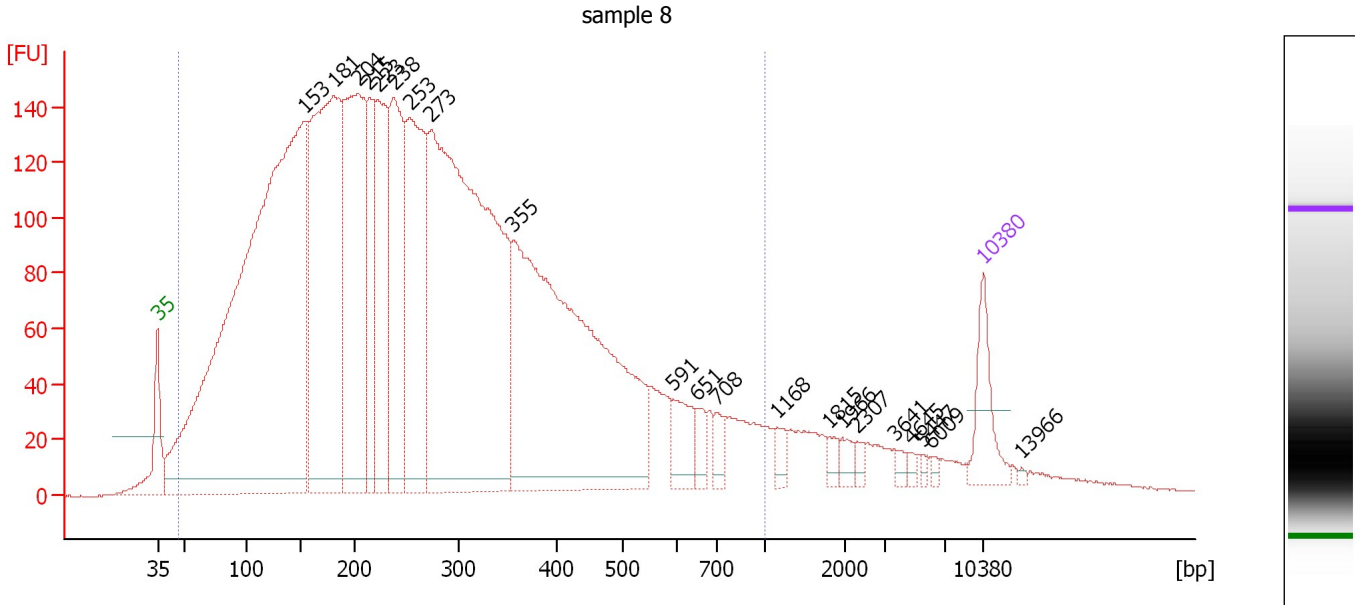
Region table for sample 7 : sample 7

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
46	1,000	243	80,686.6	9,115.53	5,417.6	98	48.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : sample 8

Number of peaks found: 21 Corr. Area 1: 6,272.0
 Noise: 0.2

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	153	2,466.88	24,375.0	
3	181	1,001.49	8,393.0	
4	204	664.71	4,944.0	
5	215	230.57	1,627.2	
6	223	351.29	2,389.2	
7	238	410.15	2,613.3	
8	253	488.98	2,930.5	
9	273	1,533.77	8,511.2	
10	355	1,164.65	4,968.0	
11	591	71.42	183.1	
12	651	32.95	76.7	
13	708	30.71	65.8	
14	1,168	21.09	27.4	
15	1,815	14.10	11.8	
16	1,966	18.01	13.9	
17	2,307	9.44	6.2	
18	3,641	10.41	4.3	
19	4,645	7.25	2.4	
20	5,447	5.87	1.6	
21	6,009	6.29	1.6	
22	10,380	75.00	10.9	Upper Marker
23	13,966	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...

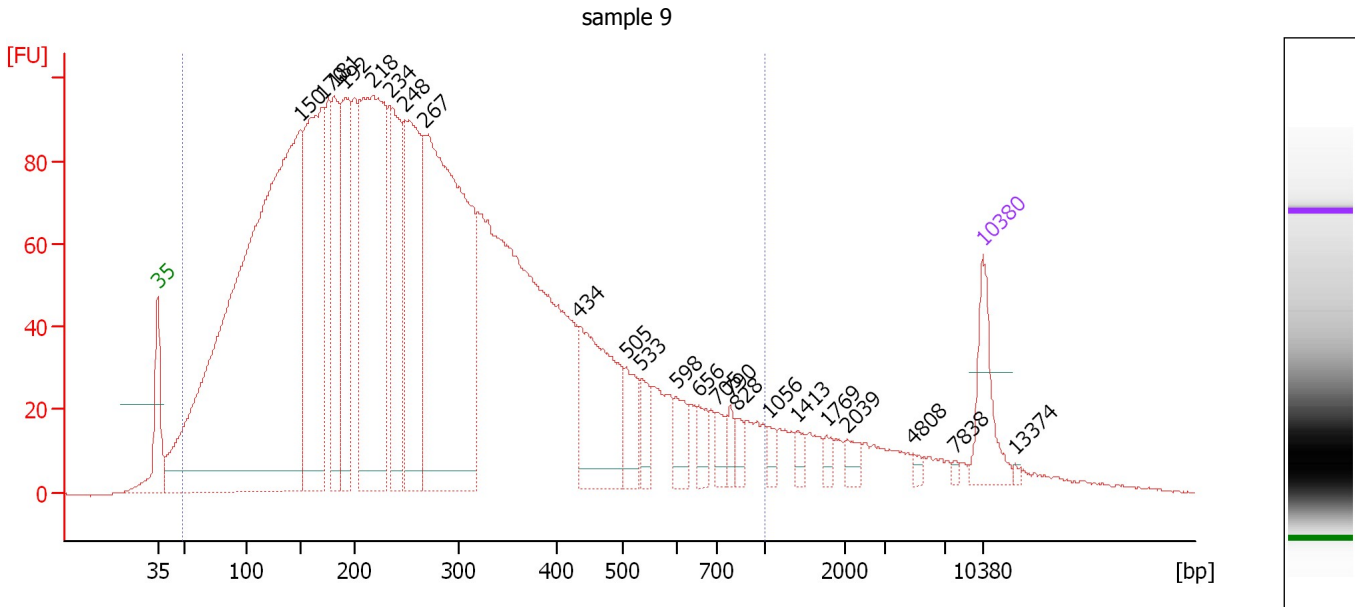
... Region table for sample 8 : sample 8

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
47	1,000	284	74,696.6	8,821.37	 6,272.0	93	57.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : sample 9

Number of peaks found: 23 Corr. Area 1: 4,086.1
 Noise: 0.3

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	150	2,167.41	21,913.8	
3	170	571.56	5,093.0	
4	181	237.52	1,988.3	
5	192	278.47	2,198.1	
6	218	701.07	4,870.8	
7	234	281.92	1,822.4	
8	248	396.03	2,421.6	
9	267	952.89	5,407.2	
10	434	256.53	895.6	
11	505	70.34	211.1	
12	533	40.61	115.4	
13	598	45.04	114.2	
14	656	32.81	75.8	
15	705	27.21	58.4	
16	790	20.32	39.0	
17	828	18.23	33.3	
18	1,056	15.43	22.1	
19	1,413	13.88	14.9	
20	1,769	10.35	8.9	
21	2,039	18.66	13.9	
22	4,808	7.13	2.2	
23	7,838	4.45	0.9	
24	10,380	75.00	10.9	Upper Marker
25	13,374	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...

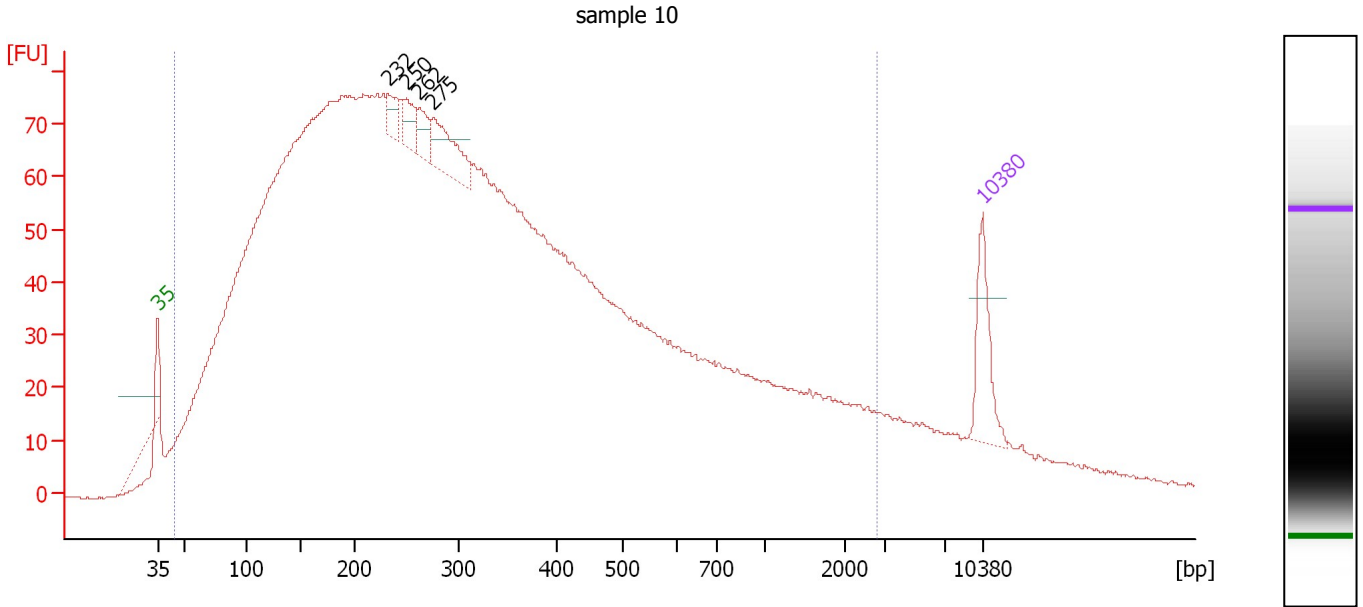
... Region table for sample 9 : sample 9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
48	1,000	284	68,707.9	8,088.74	4,086.1	93	58.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 10

Number of peaks found: 4 Corr. Area 1: 3,729.0
 Noise: 0.3

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	232	37.11	242.0	
3	250	45.83	277.8	
4	262	38.19	221.1	
5	275	94.67	521.3	
6	10,380	75.00	10.9	Upper Marker

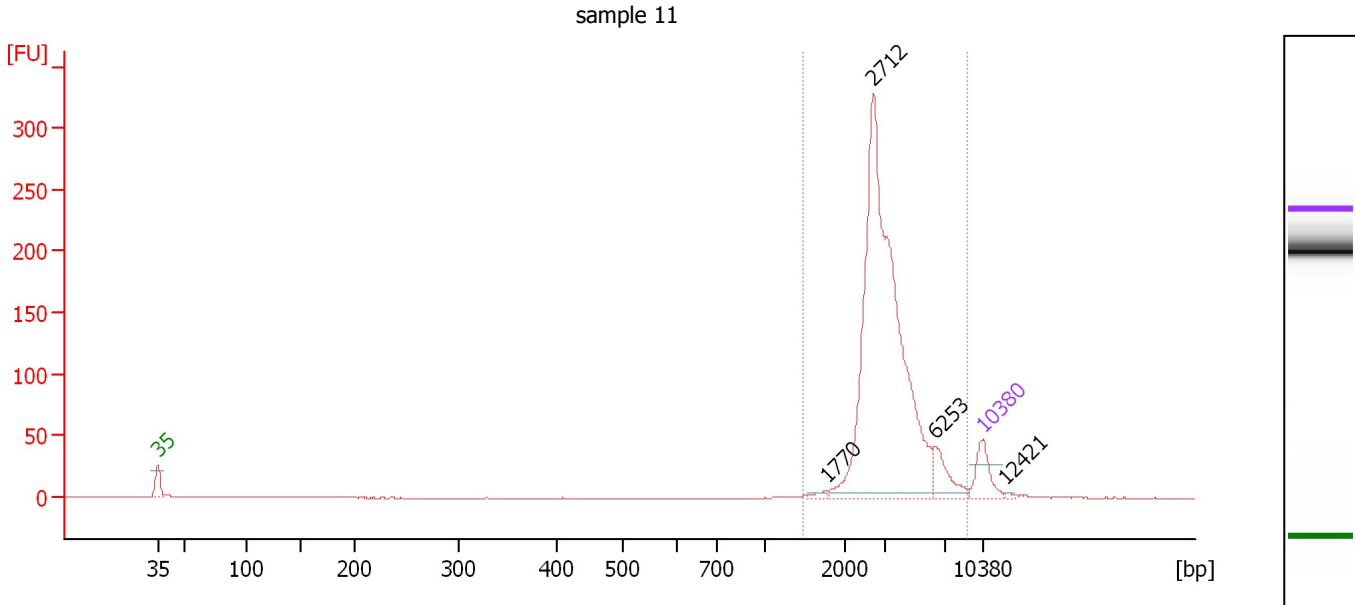
Region table for sample 10 : sample 10

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
44	2,815	404	83,868.0	10,427.03	3,729.0	95	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 4 Corr. Area 1: 994.5
 Noise: 0.1

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	1,770	9.81	8.4	
3	2,712	1,345.55	751.8	
4	6,253	82.06	19.9	
5	10,380	75.00	10.9	Upper Marker
6	12,421	0.00	0.0	

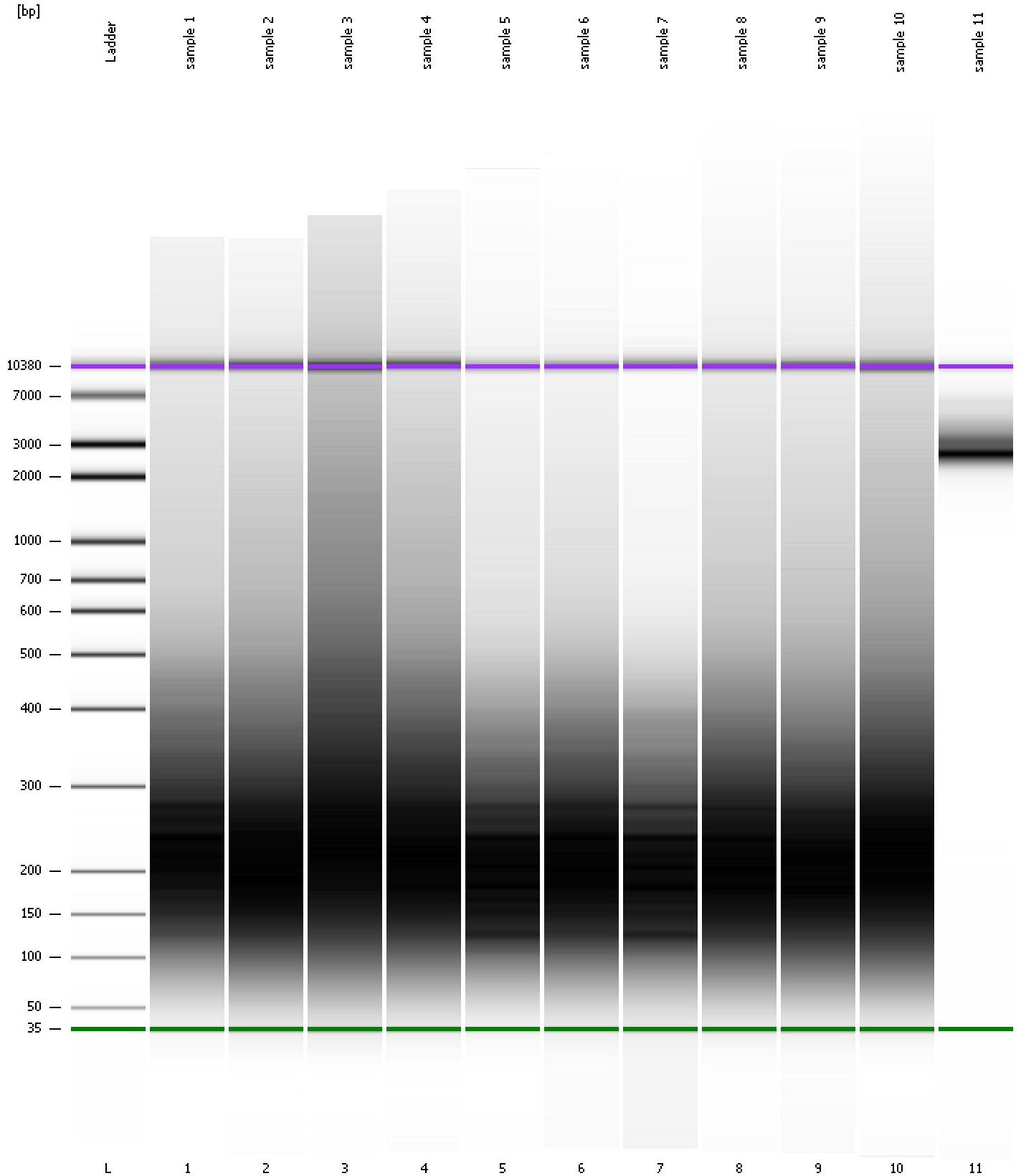
Region table for sample 11 : sample 11

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
1,481	8,969	3,474	675.3	1,429.42	994.5	98	36.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
Modified: 5/14/2014 2:05:34 PM

Gel Image

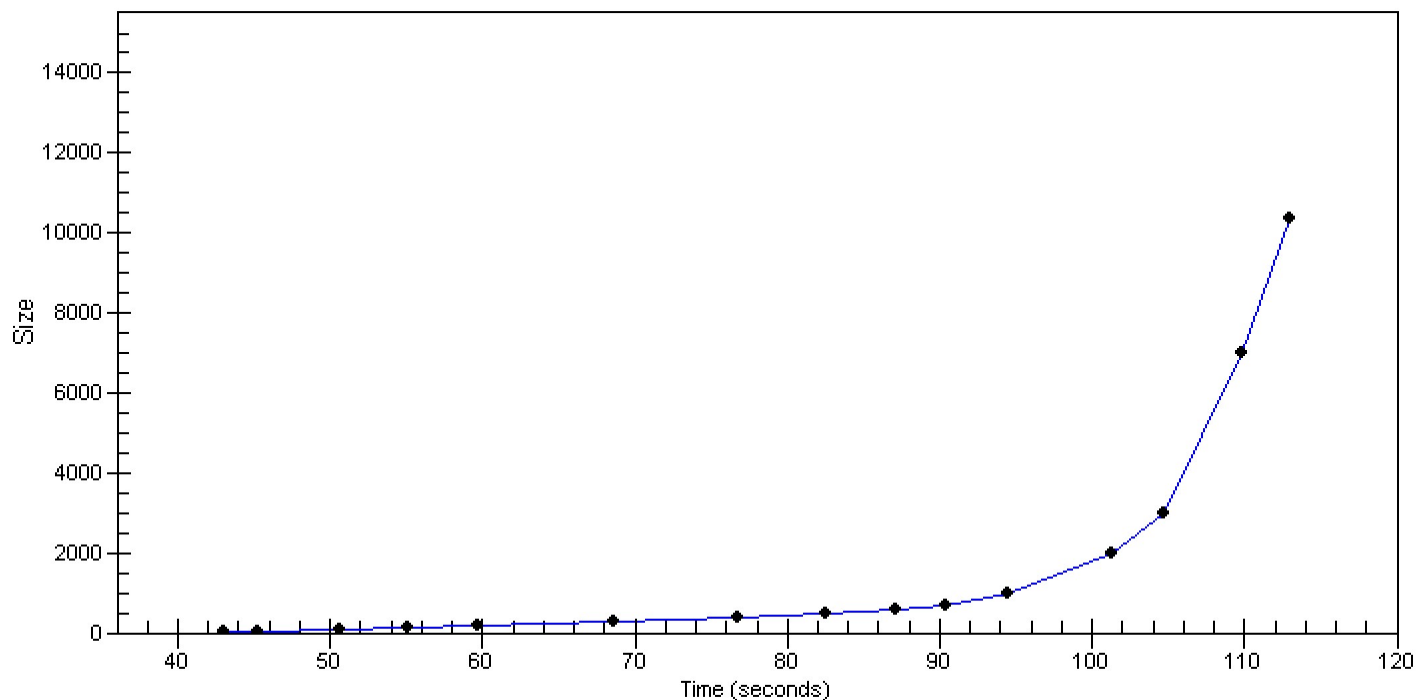


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
Modified: 5/14/2014 2:05:34 PM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad

Created: 5/14/2014 1:23:45 PM
 Modified: 5/14/2014 2:05:34 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		5/14/2014 2:04:13 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\Data\2014-05-14\2014-05-14_002.xad)		Instrument	Run		5/14/2014 1:23:50 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		5/14/2014 1:23:50 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		5/14/2014 1:23:50 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		5/14/2014 1:23:50 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		5/14/2014 1:23:50 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		5/14/2014 1:23:50 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		5/14/2014 1:23:50 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1