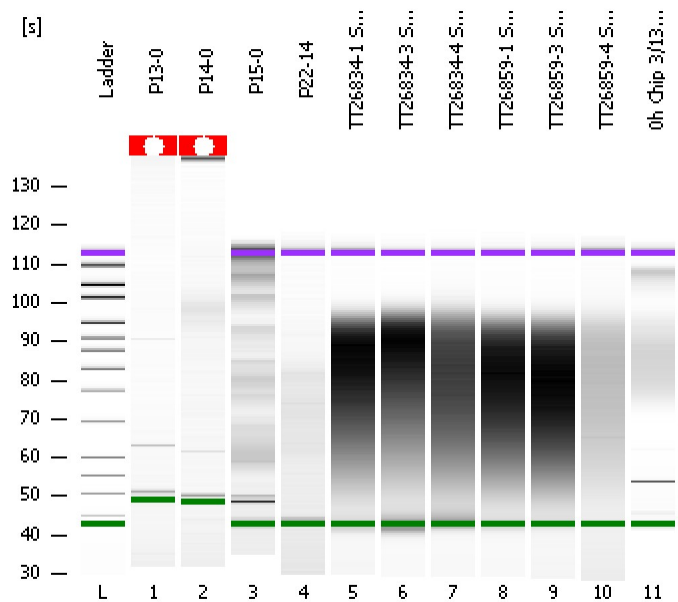


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
Modified: 3/26/2014 12:48:35 PM

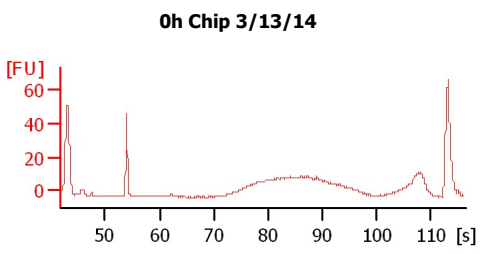
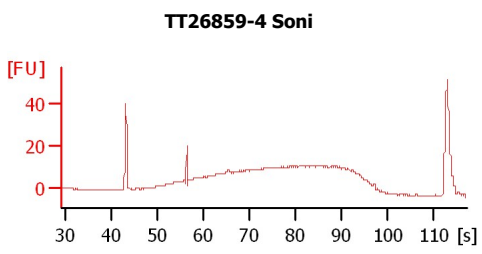
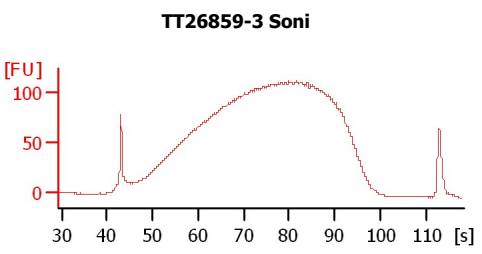
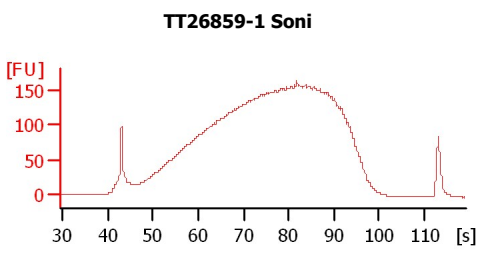
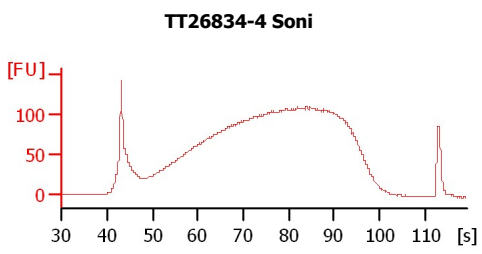
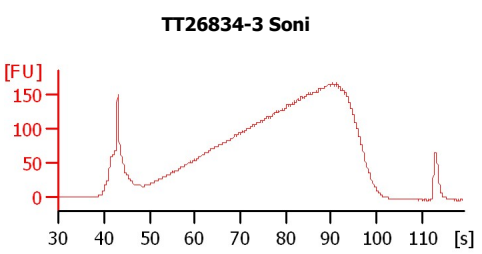
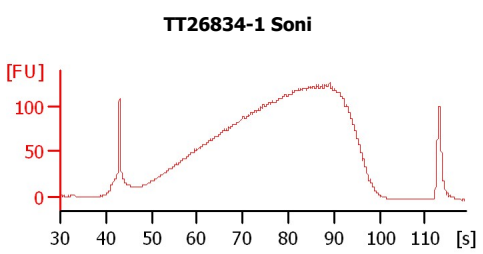
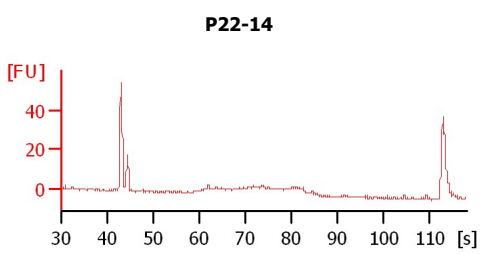
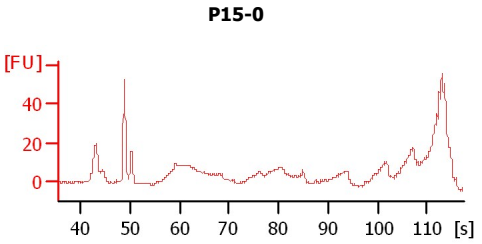
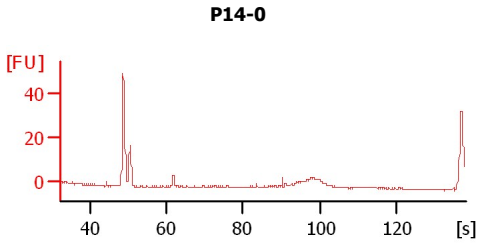
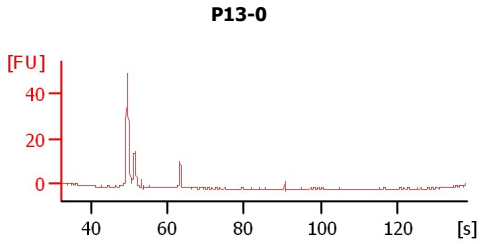
Electrophoresis File Run Summary



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:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
P13-0		<input type="checkbox"/>	✓			
P14-0		<input type="checkbox"/>	✓			
P15-0		<input type="checkbox"/>	✓			
P22-14		<input type="checkbox"/>	✓			
TT26834-1 Soni		<input type="checkbox"/>	✓			
TT26834-3 Soni		<input type="checkbox"/>	✓			
TT26834-4 Soni		<input type="checkbox"/>	✓			
TT26859-1 Soni		<input type="checkbox"/>	✓			
TT26859-3 Soni		<input type="checkbox"/>	✓			
TT26859-4 Soni		<input type="checkbox"/>	✓			
0h Chip 3/13/14		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
Modified: 3/26/2014 12:48:35 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

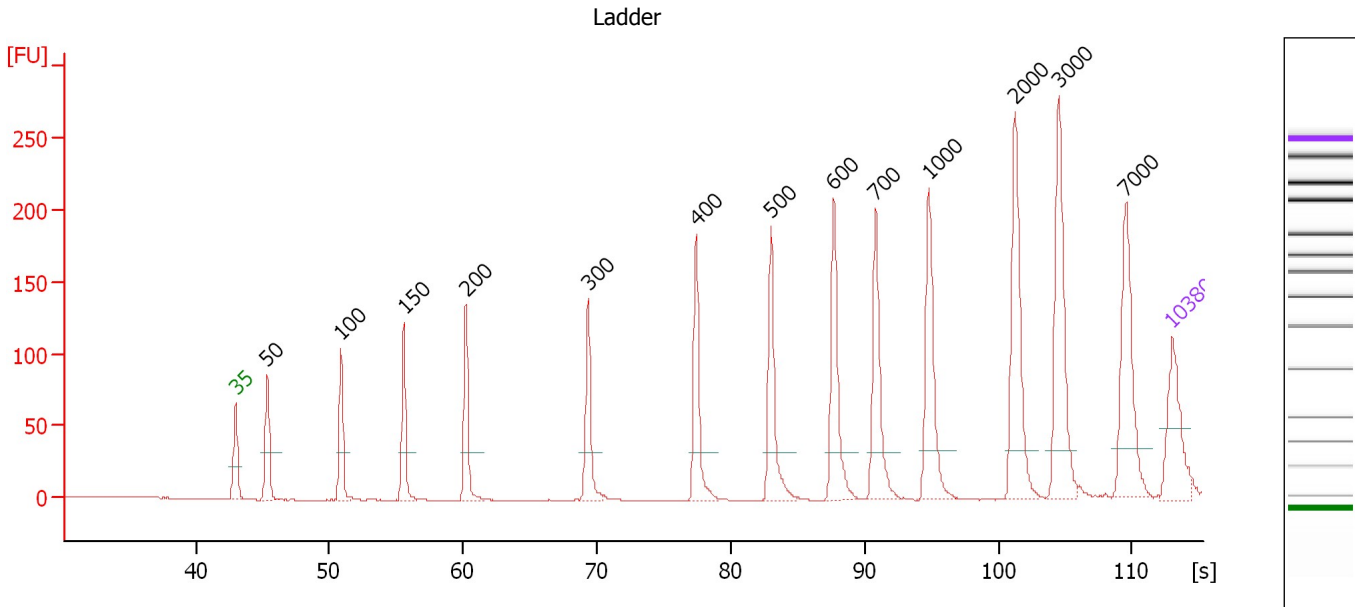
Ladder

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: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

Peak table for Ladder

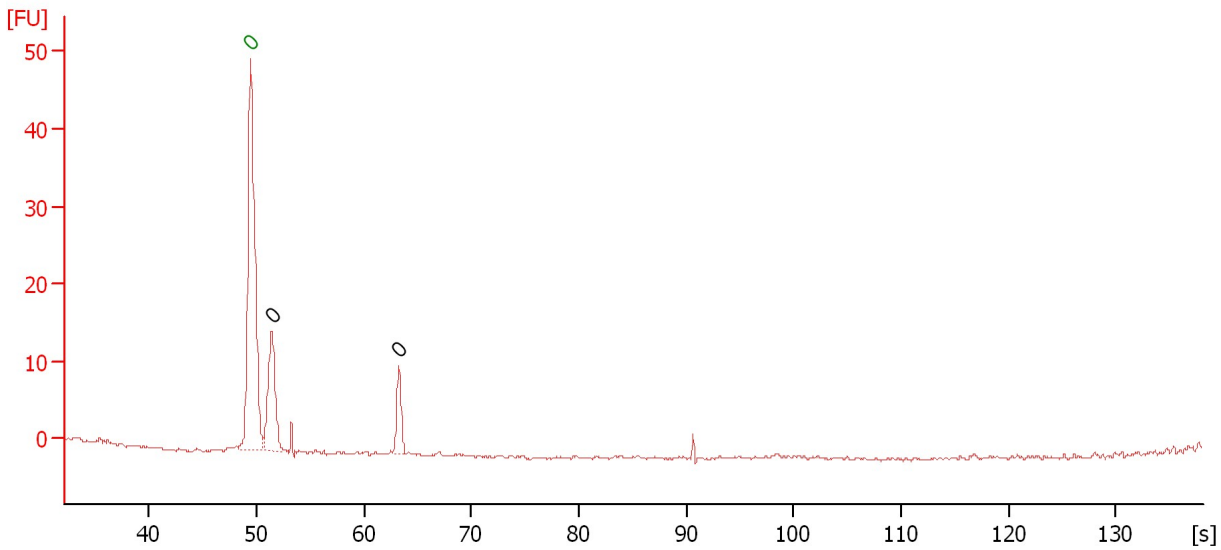
Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	45.37	50	150.00	4,545.5	Ladder Peak
3	50.87	100	150.00	2,272.7	Ladder Peak
4	55.56	150	150.00	1,515.2	Ladder Peak
5	60.22	200	150.00	1,136.4	Ladder Peak
6	69.33	300	150.00	757.6	Ladder Peak
7	77.40	400	150.00	568.2	Ladder Peak
8	83.02	500	150.00	454.5	Ladder Peak
9	87.71	600	150.00	378.8	Ladder Peak
10	90.84	700	150.00	324.7	Ladder Peak
11	94.82	1,000	150.00	227.3	Ladder Peak
12	101.24	2,000	150.00	113.6	Ladder Peak
13	104.53	3,000	150.00	75.8	Ladder Peak
14	109.55	7,000	150.00	32.5	Ladder Peak
15	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...

P13-0



Overall Results for sample 1 : P13-0

Number of peaks found: 2 Noise: 0.2

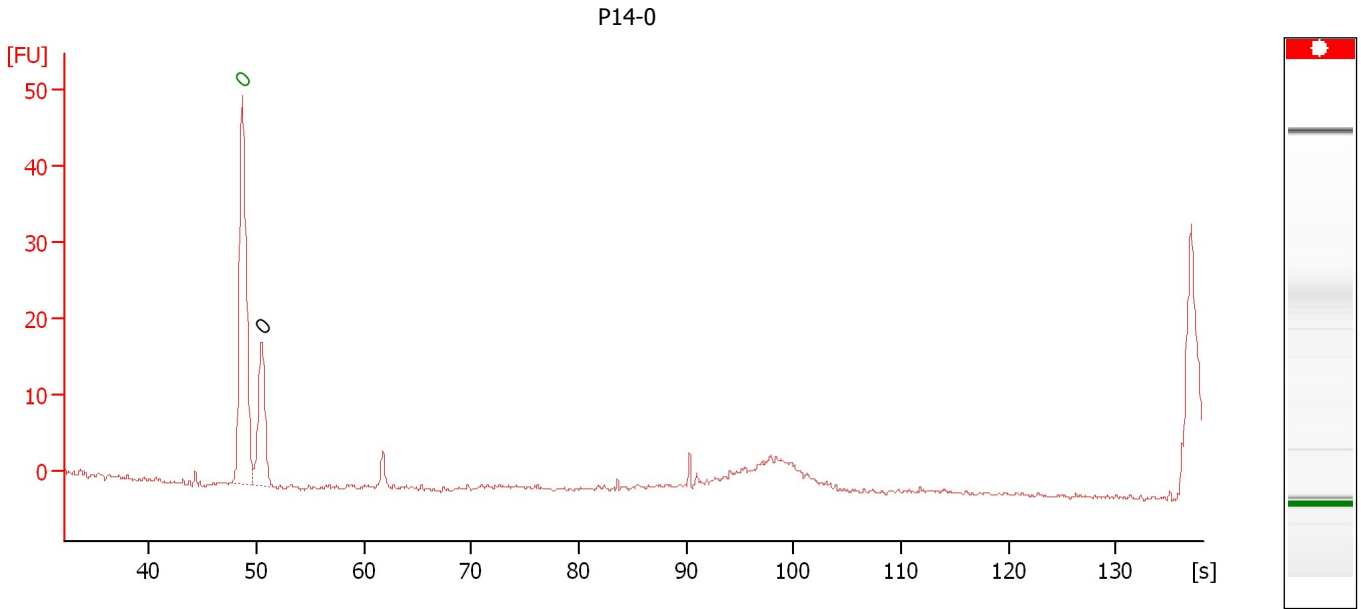
Peak table for sample 1 : P13-0

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	49.45	0	0.00	0.0	Lower Marker
2	51.40	0	0.00	0.0	
3	63.25	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : P14-0

Number of peaks found: 1 Noise: 0.3

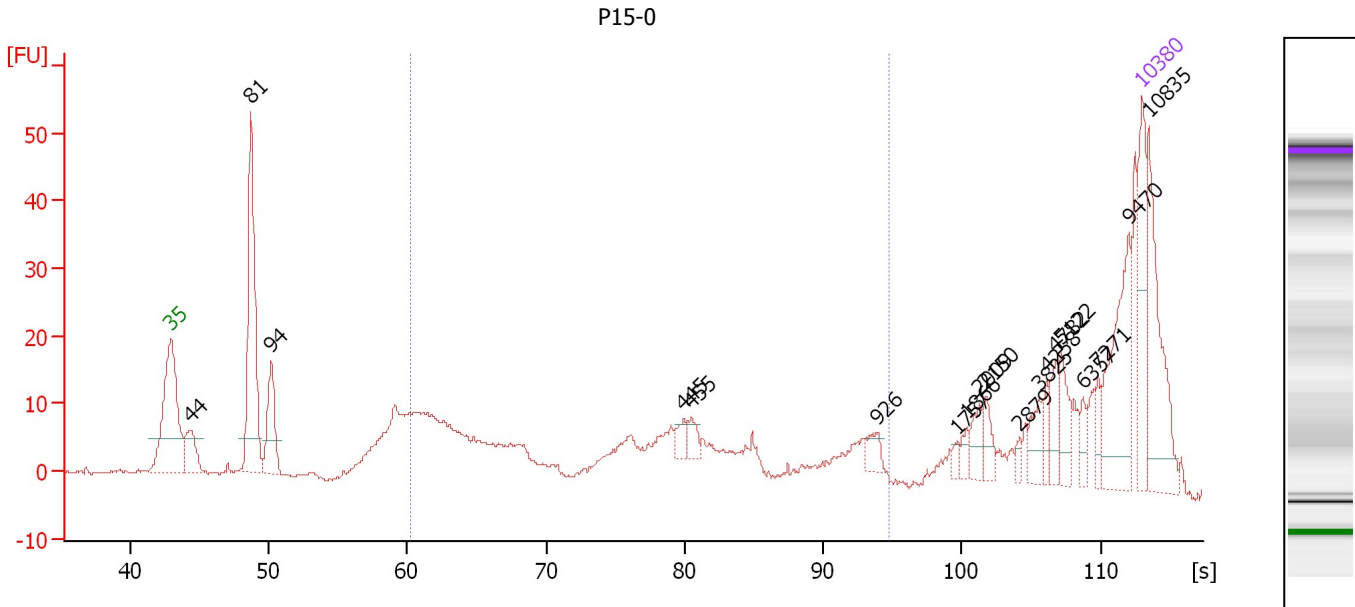
Peak table for sample 2 : P14-0

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	48.65	0	0.00	0.0	Lower Marker
2	50.50	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : P15-0

Number of peaks found: 19 Corr. Area 1: 304.2
 Noise: 0.3

Peak table for sample 3 : P15-0

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.36	44	77.54	2,695.5	
3	48.73	81	377.77	7,104.2	
4	50.20	94	120.35	1,941.0	
5	79.94	445	20.04	68.2	
6	80.52	455	21.33	70.9	
7	93.84	926	20.67	33.8	
8	99.68	1,757	6.84	5.9	
9	100.38	1,866	11.48	9.3	
10	101.27	2,009	23.22	17.5	
11	101.73	2,150	22.85	16.1	
12	104.13	2,879	7.56	4.0	
13	105.57	3,825	28.59	11.3	
14	106.11	4,258	18.02	6.4	
15	106.77	4,782	28.32	9.0	
16	107.19	5,122	37.77	11.2	
17	108.74	6,357	15.52	3.7	
18	109.83	7,271	19.22	4.0	
19	112.07	9,470	129.14	20.7	
20	113.00	10,380	75.00	10.9	Upper Marker
21	113.46	10,835	0.00	0.0	

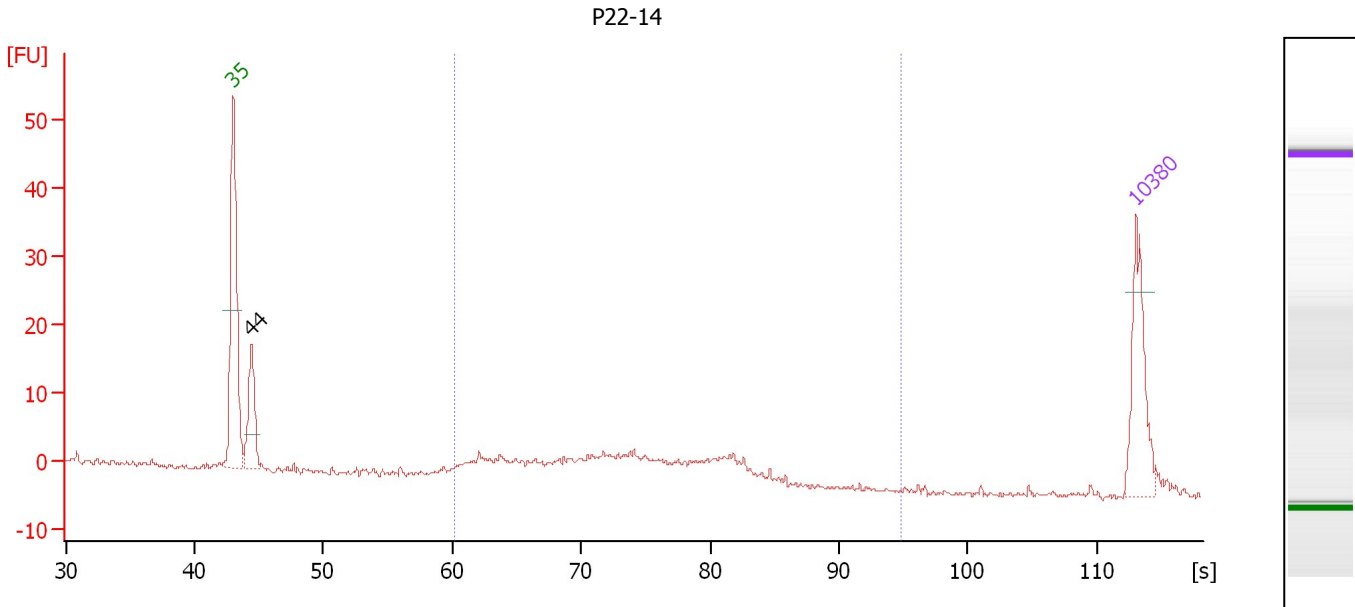
Region table for sample 3 : P15-0

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	440	4,830.6	1,057.41	304.2	38	46.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

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 Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : P22-14

Number of peaks found: 1 Corr. Area 1: 85.6
 Noise: 0.3

Peak table for sample 4 : P22-14

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.42	44	100.84	3,475.0	
3	113.00	10,380	75.00	10.9	Upper Marker

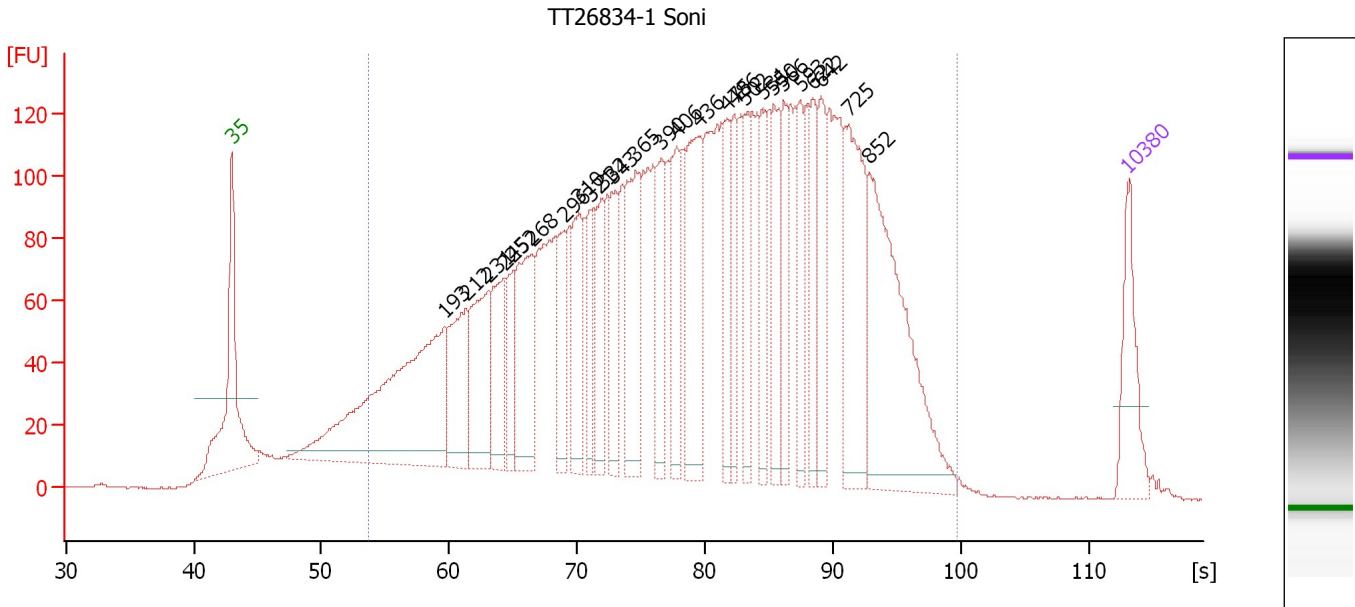
Region table for sample 4 : P22-14

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	358	1,116.2	239.73	85.6	73	24.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 5 : TT26834-1 Soni

Number of peaks found: 26 Corr. Area 1: 5,270.2
 Noise: 0.3

Peak table for sample 5 : TT26834-1 Soni


Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	59.58	193	577.75	4,533.2	
3	61.30	212	163.47	1,169.2	
4	63.06	231	180.64	1,183.9	
5	64.32	245	129.43	800.5	
6	64.95	252	79.64	479.0	
7	66.46	268	184.22	1,039.6	
8	68.98	296	92.50	473.3	
9	70.11	310	117.43	574.6	
10	71.03	321	78.42	370.0	
11	71.91	332	101.35	462.5	
12	72.80	343	102.88	454.5	
13	74.56	365	172.49	716.4	
14	76.57	390	109.10	424.1	
15	77.75	406	103.97	387.8	
16	79.43	436	181.63	631.0	
17	81.61	475	78.73	251.2	
18	82.24	486	78.60	245.0	
19	83.12	502	90.43	272.8	
20	84.46	531	75.70	216.1	
21	85.34	550	91.60	252.6	
22	86.10	566	78.91	211.4	
23	87.40	593	76.09	194.3	
24	88.41	622	81.39	198.2	
25	89.04	642	92.15	217.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad


Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : TT26834-1 Soni

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	91.18	725	212.53	444.1	
27	92.86	852	337.72	600.7	
28	 113.00	10,380	75.00	10.9	Upper Marker

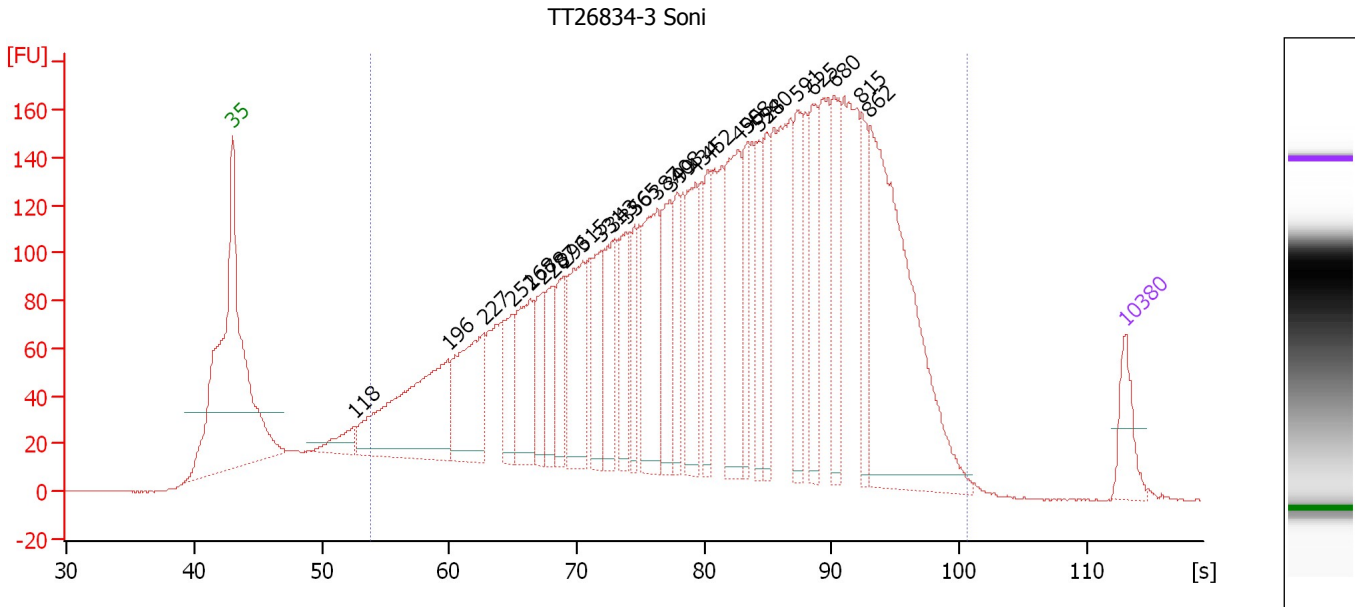
Region table for sample 5 : TT26834-1 Soni

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
130	1,766	486	24,512.4	5,421.24	 5,270.2	94	51.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : TT26834-3 Soni

Number of peaks found: 27 Corr. Area 1: 6,319.8
 Noise: 0.2

Peak table for sample 6 : TT26834-3 Soni

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	52.56	118	78.74	1,010.8	
3	59.89	196	607.89	4,688.2	
4	62.71	227	361.95	2,412.2	
5	64.90	251	135.59	817.2	
6	66.38	268	254.05	1,438.6	
7	67.30	278	155.08	846.0	
8	68.10	287	128.84	681.3	
9	68.99	296	139.42	713.1	
10	70.50	315	284.90	1,372.4	
11	71.85	331	155.71	712.2	
12	72.78	343	207.79	918.6	
13	73.87	356	160.62	683.0	
14	74.55	365	110.87	460.7	
15	76.32	387	300.21	1,176.6	
16	77.33	399	201.16	763.7	
17	77.87	408	117.11	434.4	
18	79.31	434	226.26	790.0	
19	80.32	452	150.50	504.6	
20	82.72	495	319.69	979.2	
21	83.39	508	138.01	411.7	
22	84.32	528	126.46	363.1	
23	84.91	540	146.02	409.5	
24	87.31	591	183.22	469.4	
25	88.49	625	175.36	425.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : TT26834-3 Soni

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	90.21	680	201.07	448.1	
27	92.36	815	134.06	249.4	
28	92.99	862	790.25	1,388.5	
29	113.00	10,380	75.00	10.9	Upper Marker

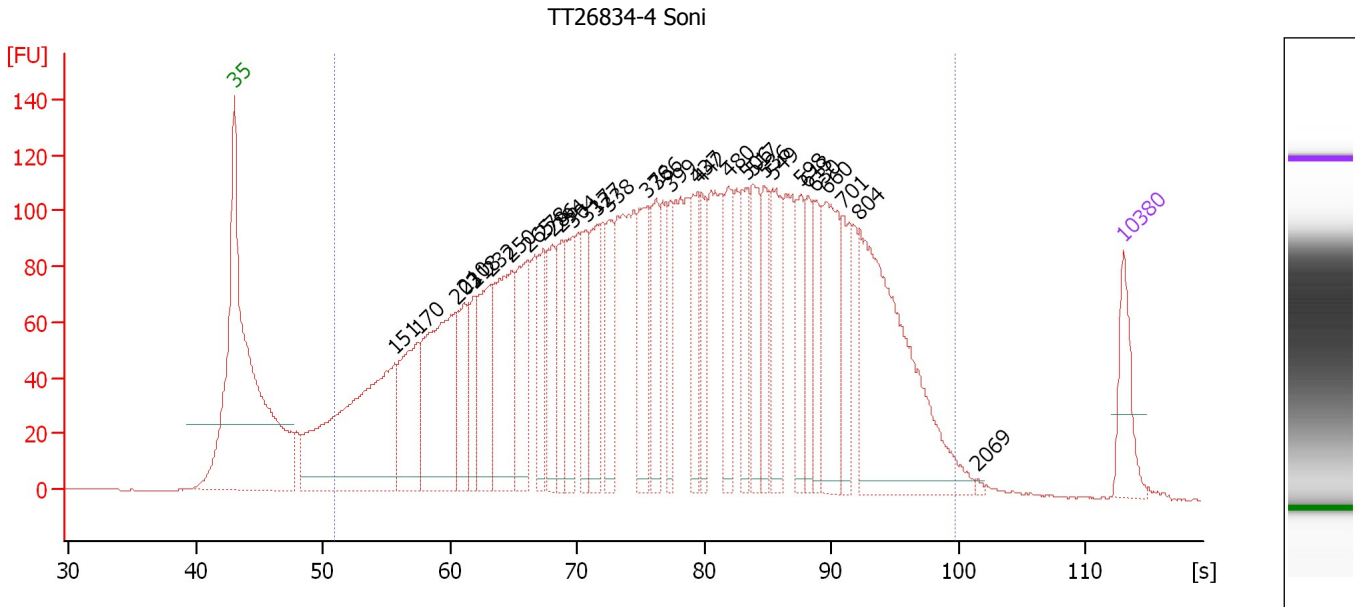
Region table for sample 6 : TT26834-3 Soni

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
132	1,898	533	38,249.4	8,948.22	6,319.8	95	54.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : TT26834-4 Soni

Number of peaks found: 32 Corr. Area 1: 5,435.1
 Noise: 0.2

Peak table for sample 7 : TT26834-4 Soni

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	55.63	151	735.67	7,394.9	
3	57.45	170	259.74	2,311.7	
4	60.53	203	459.92	3,425.5	
5	61.12	210	137.31	991.0	
6	61.88	218	117.51	815.7	
7	63.15	232	200.66	1,309.4	
8	64.80	250	286.34	1,733.6	
9	66.11	265	199.98	1,145.0	
10	67.33	278	133.38	726.8	
11	68.05	286	141.68	750.7	
12	68.77	294	125.95	649.5	
13	69.66	304	140.74	701.4	
14	70.67	317	140.24	671.1	
15	71.52	327	146.59	679.0	
16	72.40	338	123.23	552.3	
17	75.49	376	177.27	713.7	
18	76.25	386	132.53	520.6	
19	77.30	399	93.14	353.9	
20	79.46	437	106.96	371.1	
21	79.75	442	92.00	315.4	
22	81.87	480	119.41	377.3	
23	83.30	506	123.27	369.1	
24	83.81	517	135.37	396.8	
25	84.70	536	104.99	296.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...

... Peak table for sample 7 : TT26834-4 Soni

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	85.33	549	152.41	420.4	
27	87.61	598	104.83	265.7	
28	88.12	613	86.91	214.8	
29	88.67	630	86.02	206.7	
30	89.60	660	197.64	453.6	
31	90.86	701	102.72	221.9	
32	92.22	804	527.40	994.5	
33	101.47	2,069	3.10	2.3	
34	113.00	10,380	75.00	10.9	Upper Marker

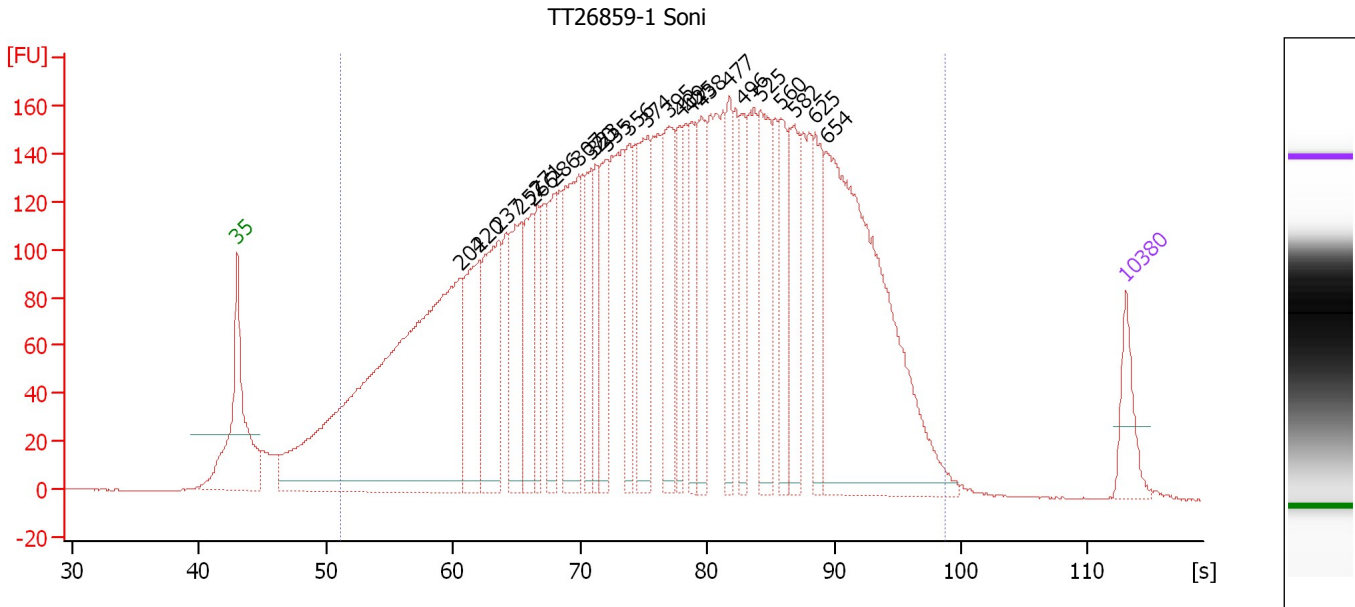
Region table for sample 7 : TT26834-4 Soni

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
100	1,771	468	36,459.9	7,118.51	5,435.1	97	58.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : TT26859-1 Soni

Number of peaks found: 24 Corr. Area 1: 7,406.5
 Noise: 0.2

Peak table for sample 8 : TT26859-1 Soni

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	60.55	204	1,911.85	14,223.1	
3	62.08	220	342.88	2,357.4	
4	63.56	237	387.36	2,480.3	
5	65.37	257	293.78	1,734.8	
6	66.22	266	208.91	1,190.6	
7	66.64	271	146.22	819.0	
8	68.04	286	213.17	1,130.0	
9	69.86	307	381.52	1,885.7	
10	70.92	320	157.74	747.7	
11	71.21	323	147.58	691.6	
12	72.14	335	201.57	912.1	
13	73.88	356	145.09	616.9	
14	75.31	374	283.68	1,148.7	
15	76.96	395	268.45	1,030.7	
16	77.89	409	137.94	511.2	
17	78.78	425	137.91	492.1	
18	79.54	438	200.84	694.4	
19	81.74	477	149.72	475.2	
20	82.80	496	143.73	438.9	
21	84.20	525	264.54	763.3	
22	85.85	560	191.64	518.3	
23	86.86	582	165.62	431.3	
24	88.51	625	163.67	396.5	
25	89.40	654	1,062.07	2,461.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...

... Peak table for sample 8 : TT26859-1 Soni

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	113.00	10,380	75.00	10.9	Upper Marker

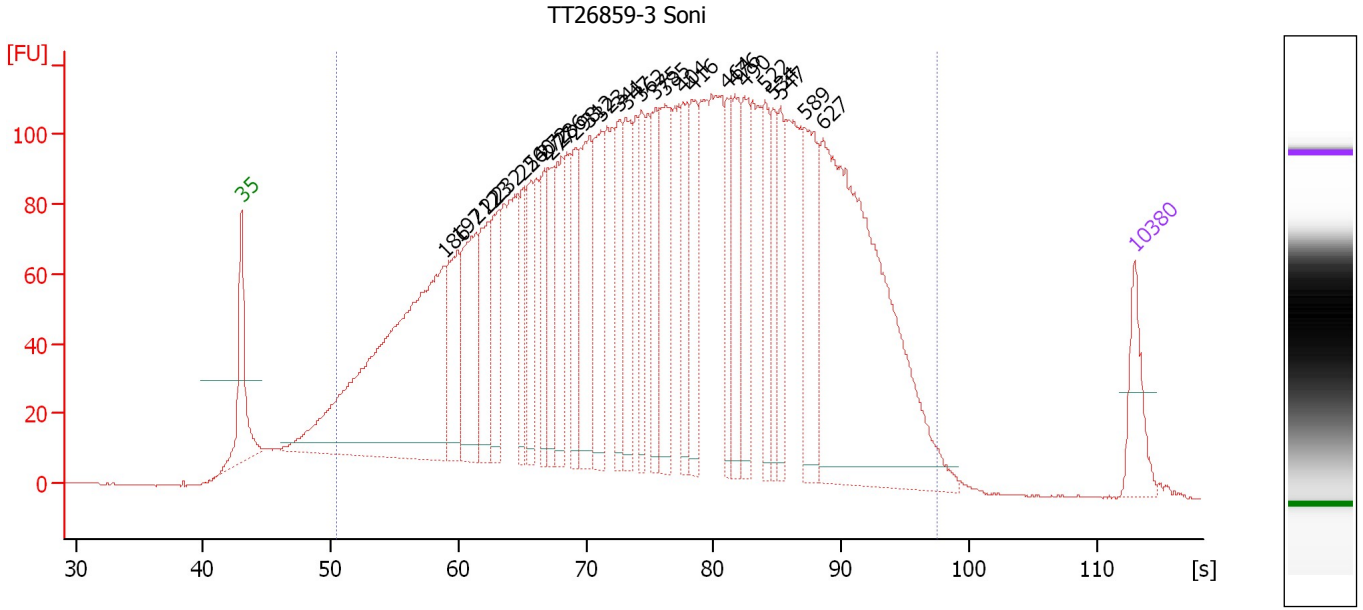
Region table for sample 8 : TT26859-1 Soni

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
103	1,609	444	50,659.8	9,935.60	7,406.5	96	51.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : TT26859-3 Soni

Number of peaks found: 28
 Corr. Area 1: 5,416.5
 Noise: 0.2

Peak table for sample 9 : TT26859-3 Soni

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	58.95	186	1,160.14	9,429.9	
3	59.96	197	220.56	1,694.2	
4	61.35	212	290.85	2,074.4	
5	62.28	223	177.54	1,208.4	
6	63.12	232	173.74	1,135.4	
7	65.10	254	123.87	740.2	
8	65.69	260	135.04	786.9	
9	66.74	272	126.71	706.9	
10	67.25	277	127.22	695.6	
11	68.09	286	185.82	983.2	
12	69.18	298	138.41	702.9	
13	70.28	312	254.79	1,238.4	
14	71.16	323	206.27	968.6	
15	72.63	341	156.24	694.4	
16	73.14	347	174.67	762.2	
17	74.36	362	124.49	520.6	
18	75.41	375	122.11	492.9	
19	76.21	385	222.93	876.7	
20	77.60	404	145.28	545.4	
21	78.32	416	153.78	559.6	
22	80.97	464	115.17	376.5	
23	81.68	476	149.23	474.7	
24	82.44	490	164.62	509.3	
25	84.04	522	131.18	380.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
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Electropherogram Summary Continued ...

... Peak table for sample 9 : TT26859-3 Soni

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	84.63	534	103.52	293.5	
27	85.22	547	108.76	301.3	
28	87.20	589	200.78	516.5	
29	88.54	627	930.46	2,250.1	
30	113.00	10,380	75.00	10.9	Upper Marker

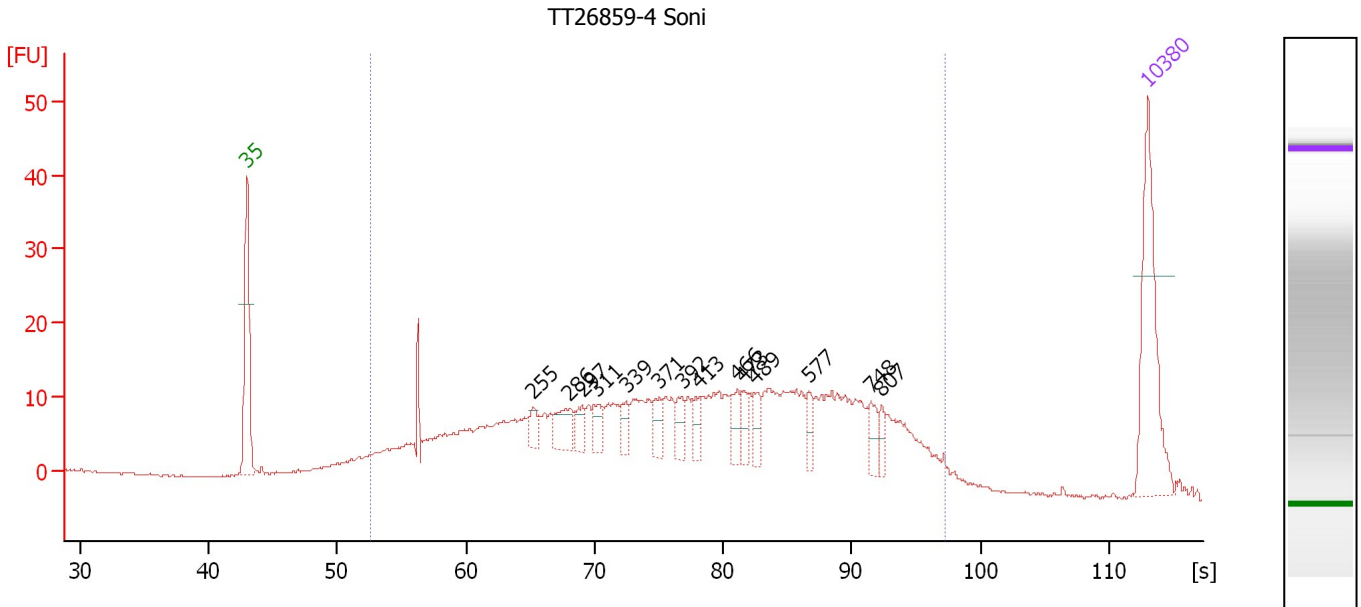
Region table for sample 9 : TT26859-3 Soni

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. for Area	% of Total	Size distribution in CV [%]
96	1,408	422	48,478.7	9,055.36	5,416.5	96	50.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : TT26859-4 Soni

Number of peaks found: 14 Corr. Area 1: 568.8
 Noise: 0.1

Peak table for sample 10 : TT26859-4 Soni

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	65.23	255	12.61	74.9	
3	68.07	286	26.03	137.8	
4	69.03	297	14.45	73.8	
5	70.24	311	14.56	70.9	
6	72.49	339	14.02	62.6	
7	75.04	371	14.78	60.4	
8	76.79	392	15.61	60.2	
9	78.13	413	14.79	54.3	
10	81.13	466	17.91	58.2	
11	81.50	473	14.37	46.0	
12	82.42	489	14.12	43.7	
13	86.64	577	12.25	32.2	
14	91.47	748	14.33	29.0	
15	92.27	807	9.08	17.0	
16	113.00	10,380	75.00	10.9	Upper Marker

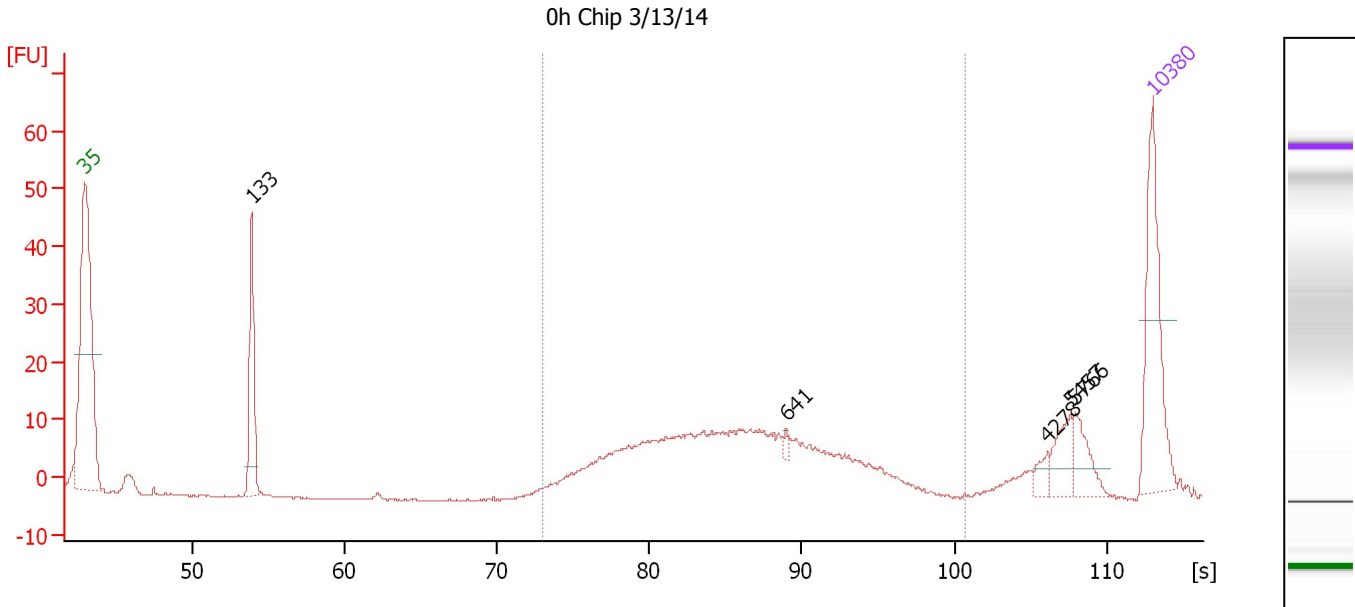
Region table for sample 10 : TT26859-4 Soni

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
119	1,373	455	5,504.9	1,131.02	568.8	96	50.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : 0h Chip 3/13/14

Number of peaks found: 5 Corr. Area 1: 180.2
 Noise: 0.1

Peak table for sample 11 : 0h Chip 3/13/14

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	53.95	133	102.70	1,171.4	
3	88.99	641	3.96	9.4	
4	106.13	4,278	7.60	2.7	
5	107.61	5,457	22.44	6.2	
6	108.00	5,766	21.15	5.6	
7	113.00	10,380	75.00	10.9	Upper Marker

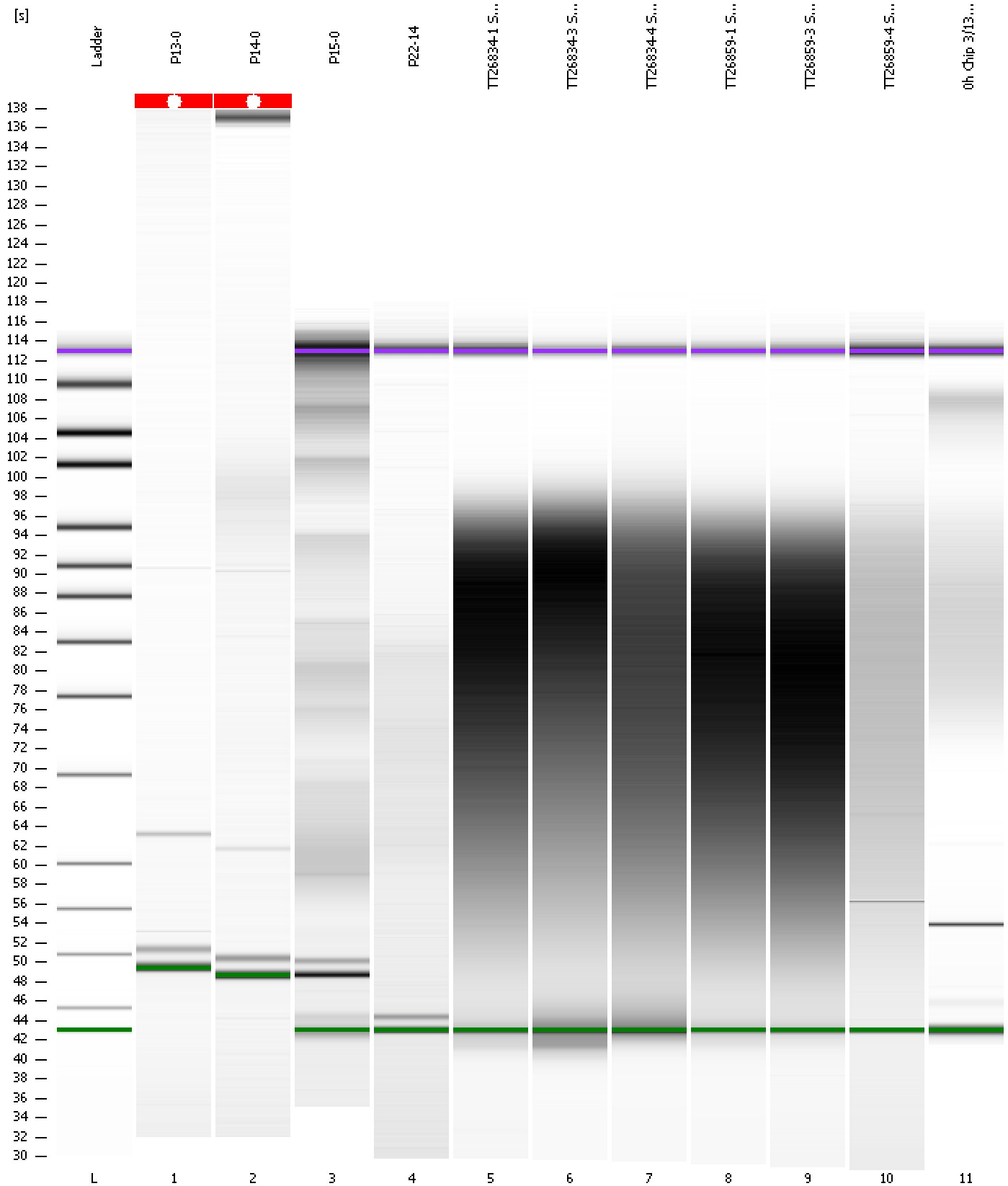
Region table for sample 11 : 0h Chip 3/13/14

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
346	1,913	592	707.8	255.07	180.2	68	27.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
Modified: 3/26/2014 12:48:35 PM

Gel Image

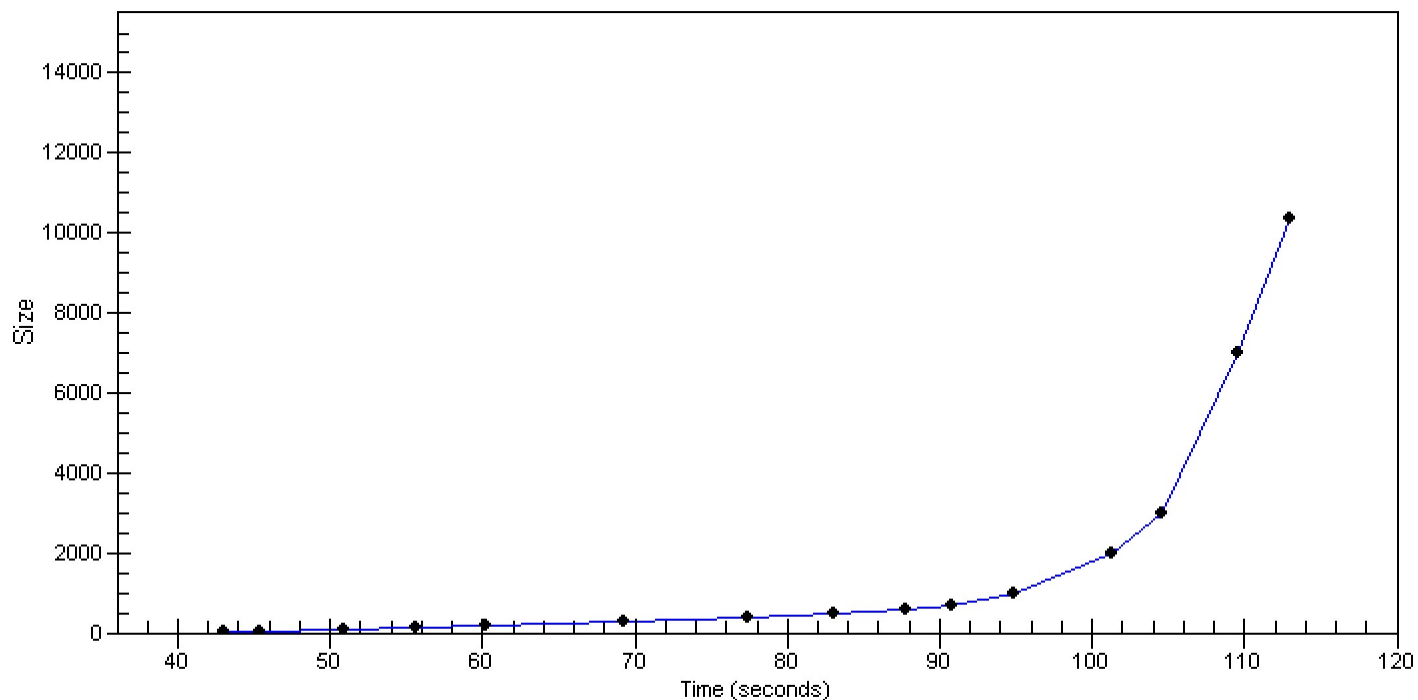


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
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Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad

Created: 3/26/2014 12:00:43 PM
 Modified: 3/26/2014 12:48:35 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		3/26/2014 12:42:02 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2014-03-26\2014-03-26_001.xad)		Instrument	Run		3/26/2014 12:00:48 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		3/26/2014 12:00:48 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		3/26/2014 12:00:48 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		3/26/2014 12:00:48 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		3/26/2014 12:00:48 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		3/26/2014 12:00:48 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		3/26/2014 12:00:48 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1