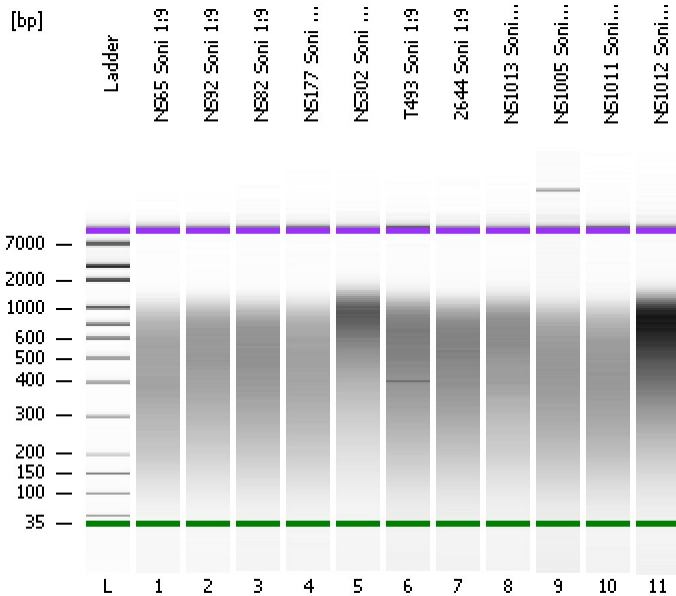


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
Modified: 1/29/2013 2:50:33 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

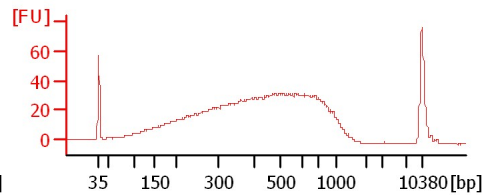
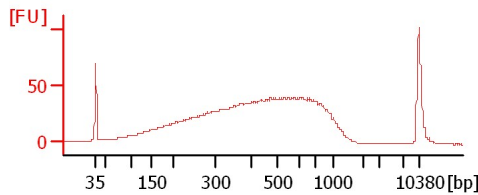
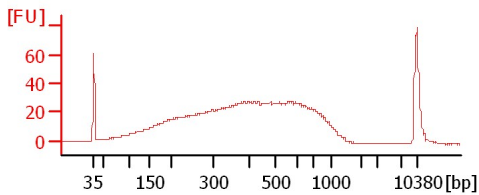
Chip Information:

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

NS65 Soni 1:9

NS92 Soni 1:9

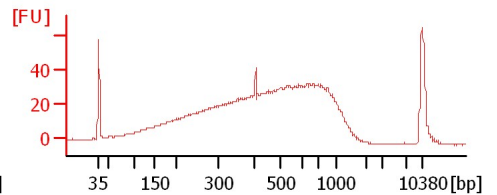
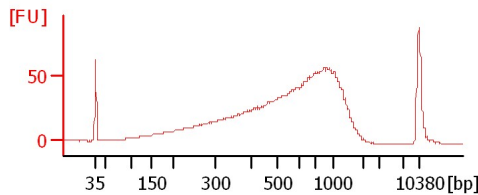
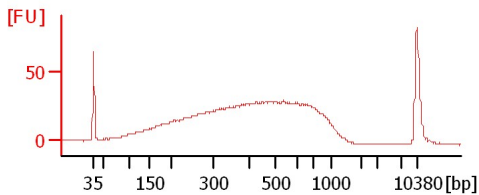
NS82 Soni 1:9



NS177 Soni 1:9

NS302 Soni 1:10

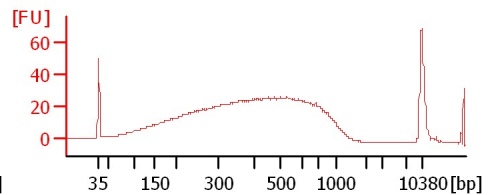
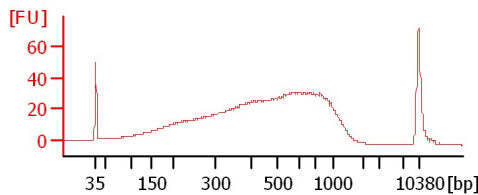
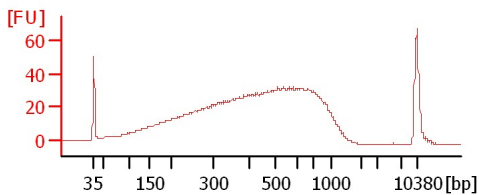
T493 Soni 1:9



2644 Soni 1:9

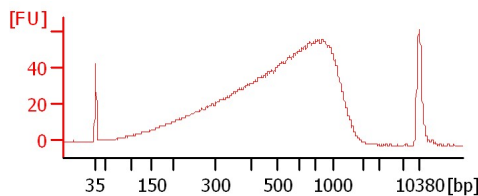
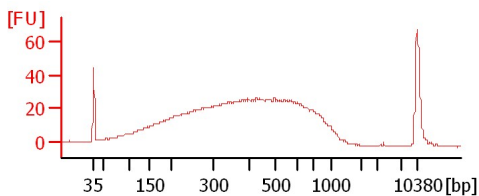
NS1013 Soni 1:9

NS1005 Soni 1:9



NS1011 Soni 1:9

NS1012 Soni 1:9



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
NS65 Soni 1:9		<input type="checkbox"/>	✓			
NS92 Soni 1:9		<input type="checkbox"/>	✓			
NS82 Soni 1:9		<input type="checkbox"/>	✓			
NS177 Soni 1:9		<input type="checkbox"/>	✓			
NS302 Soni 1:10		<input type="checkbox"/>	✓			
T493 Soni 1:9		<input type="checkbox"/>	✓			
2644 Soni 1:9		<input type="checkbox"/>	✓			
NS1013 Soni 1:9		<input type="checkbox"/>	✓			
NS1005 Soni 1:9		<input type="checkbox"/>	✓			
NS1011 Soni 1:9		<input type="checkbox"/>	✓			
NS1012 Soni 1:9		<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\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
Modified: 1/29/2013 2:50:33 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

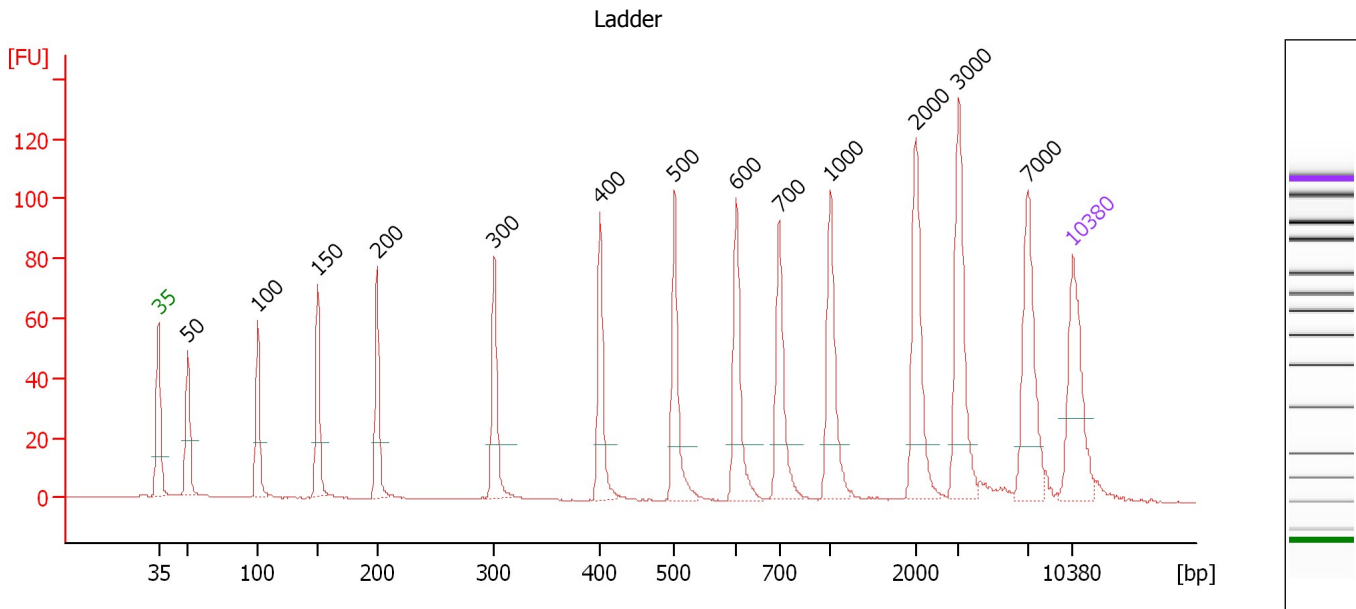
Ladder

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\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

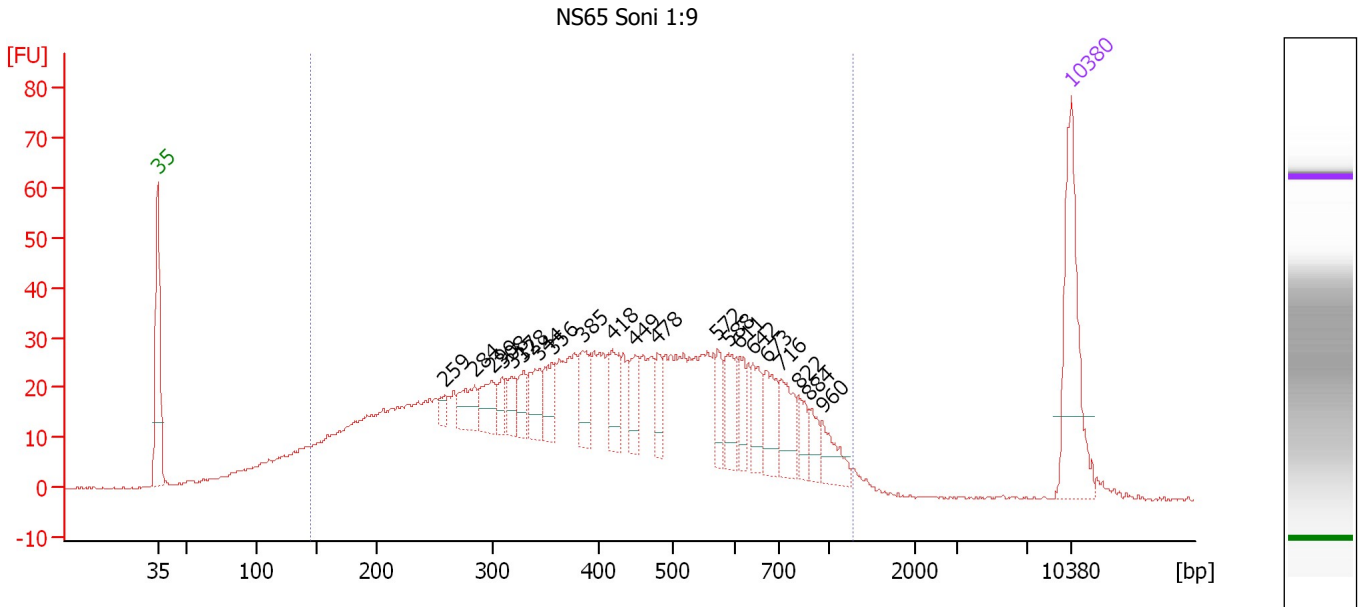
Peak table for Ladder

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

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : NS65 Soni 1:9

Number of peaks found: 21 Corr. Area 1: 1,245.5
 Noise: 0.2

Peak table for sample 1 : NS65 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	259	9.19	53.9	
3	284	27.33	145.7	
4	299	28.66	145.2	
5	308	14.20	69.8	
6	317	17.11	81.7	
7	328	20.35	93.9	
8	344	27.89	122.9	
9	356	27.40	116.6	
10	385	29.18	114.9	
11	418	26.31	95.3	
12	449	25.18	84.9	
13	478	19.09	60.5	
14	572	18.56	49.2	
15	588	29.71	76.5	
16	611	18.70	46.4	
17	642	25.99	61.4	
18	673	31.35	70.6	
19	716	31.44	66.5	
20	822	14.64	27.0	
21	884	13.54	23.2	
22	960	21.19	33.5	
23	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...

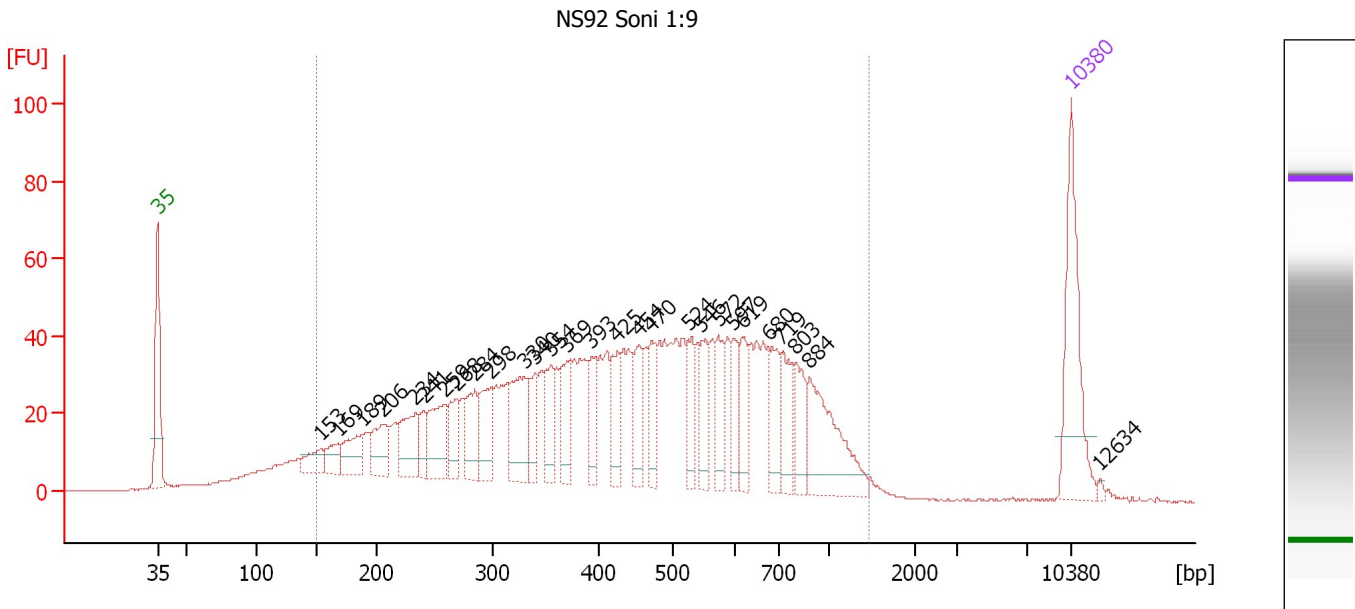
... Region table for sample 1 : NS65 Soni 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
145	1,267	446	7,374.9	1,603.51	1,245.5	92	45.0	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : NS92 Soni 1:9

Number of peaks found: 28 Corr. Area 1: 1,688.3
 Noise: 0.2

Peak table for sample 2 : NS92 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	153	25.02	247.5	
3	169	23.63	212.4	
4	189	37.36	299.9	
5	206	38.59	284.3	
6	234	48.52	314.4	
7	241	20.08	126.2	
8	259	55.82	327.0	
9	268	30.69	173.3	
10	284	41.58	221.6	
11	298	44.21	224.5	
12	330	63.70	292.9	
13	340	29.22	130.3	
14	354	36.73	157.3	
15	369	36.98	151.6	
16	393	28.84	111.3	
17	425	32.99	117.6	
18	454	40.16	134.0	
19	470	30.40	98.0	
20	524	27.44	79.3	
21	546	34.64	96.2	
22	572	33.74	89.3	
23	597	24.94	63.2	
24	619	28.83	70.6	
25	680	36.33	81.0	
26	719	37.28	78.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad


Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : NS92 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	803	32.55	61.4	
28	884	82.15	140.8	
29	10,380	75.00	10.9	Upper Marker
30	12,634	0.00	0.0	

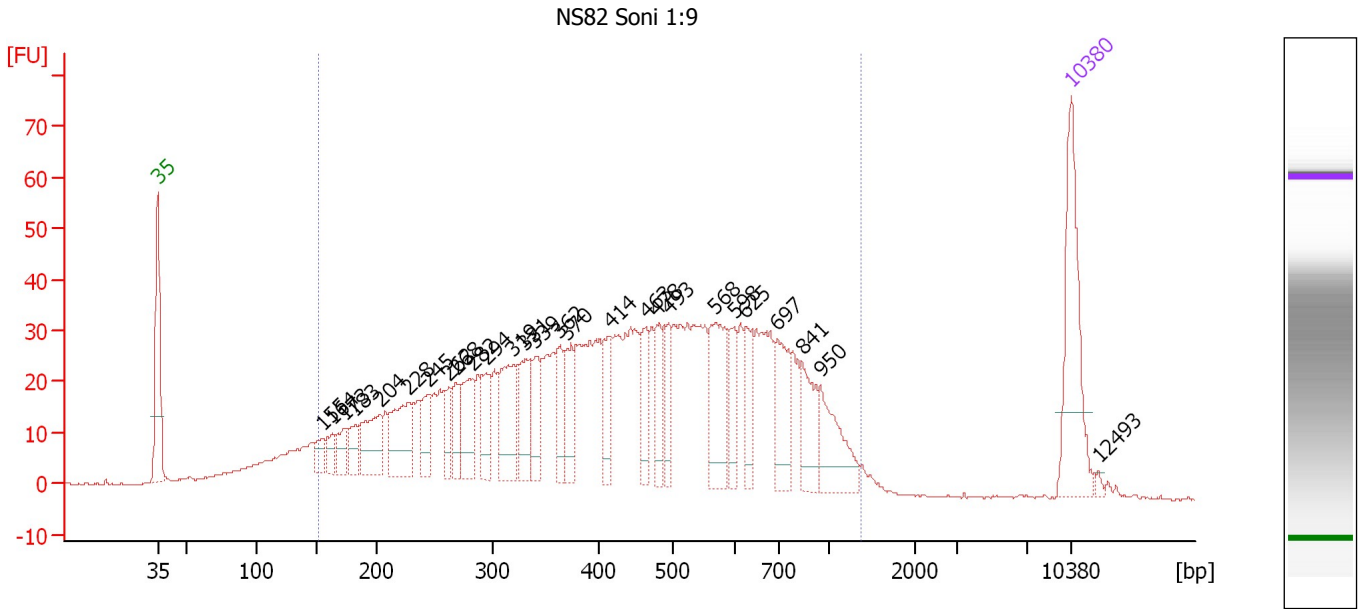
Region table for sample 2 : NS92 Soni 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
149	1,456	482	7,823.3	1,816.95	1,688.3	92	46.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : NS82 Soni 1:9

Number of peaks found: 27 Corr. Area 1: 1,363.1
 Noise: 0.2

Peak table for sample 3 : NS82 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	155	15.32	149.7	
3	164	14.79	136.8	
4	173	22.13	193.7	
5	183	18.78	155.6	
6	204	51.28	381.8	
7	228	62.53	415.1	
8	245	29.89	185.2	
9	262	24.11	139.3	
10	268	25.05	141.5	
11	282	44.50	239.1	
12	294	34.31	176.6	
13	319	69.31	329.2	
14	331	37.80	173.3	
15	339	36.02	160.8	
16	362	30.45	127.3	
17	370	36.48	149.6	
18	414	30.28	110.7	
19	463	30.99	101.5	
20	478	29.14	92.3	
21	493	28.94	88.9	
22	568	64.41	171.8	
23	598	24.78	62.7	
24	625	28.60	69.4	
25	697	46.72	101.5	
26	841	35.88	64.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : NS82 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	950	47.16	75.2	
28	10,380	75.00	10.9	Upper Marker
29	12,493	0.00	0.0	

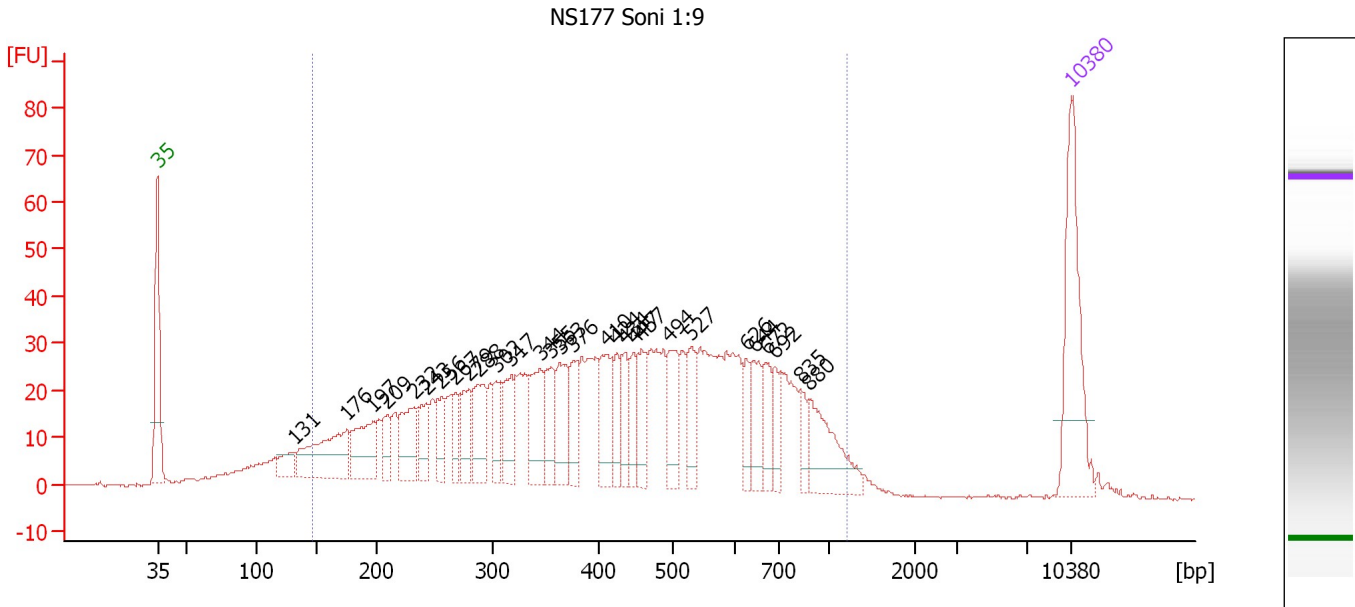
Region table for sample 3 : NS82 Soni 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
151	1,378	474	7,747.2	1,788.29	1,363.1	92	45.6	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : NS177 Soni 1:9

Number of peaks found: 29 Corr. Area 1: 1,282.2
 Noise: 0.2

Peak table for sample 4 : NS177 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	131	21.02	242.3	
3	176	85.85	739.8	
4	197	53.74	412.6	
5	209	22.23	160.8	
6	232	48.00	313.2	
7	243	29.36	183.2	
8	256	22.42	132.7	
9	267	23.12	131.2	
10	279	30.43	165.1	
11	288	46.43	244.4	
12	302	26.33	132.0	
13	317	33.80	161.6	
14	344	45.26	199.2	
15	355	35.89	153.2	
16	363	42.26	176.4	
17	376	28.88	116.4	
18	410	39.92	147.4	
19	424	26.35	94.2	
20	434	24.54	85.6	
21	447	26.23	88.9	
22	457	26.69	88.6	
23	494	37.54	115.1	
24	527	30.86	88.8	
25	626	19.65	47.5	
26	644	28.60	67.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad


Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : NS177 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	672	23.84	53.8	
28	692	21.50	47.0	
29	835	13.81	25.1	
30	880	53.84	92.6	
31	10,380	75.00	10.9	Upper Marker

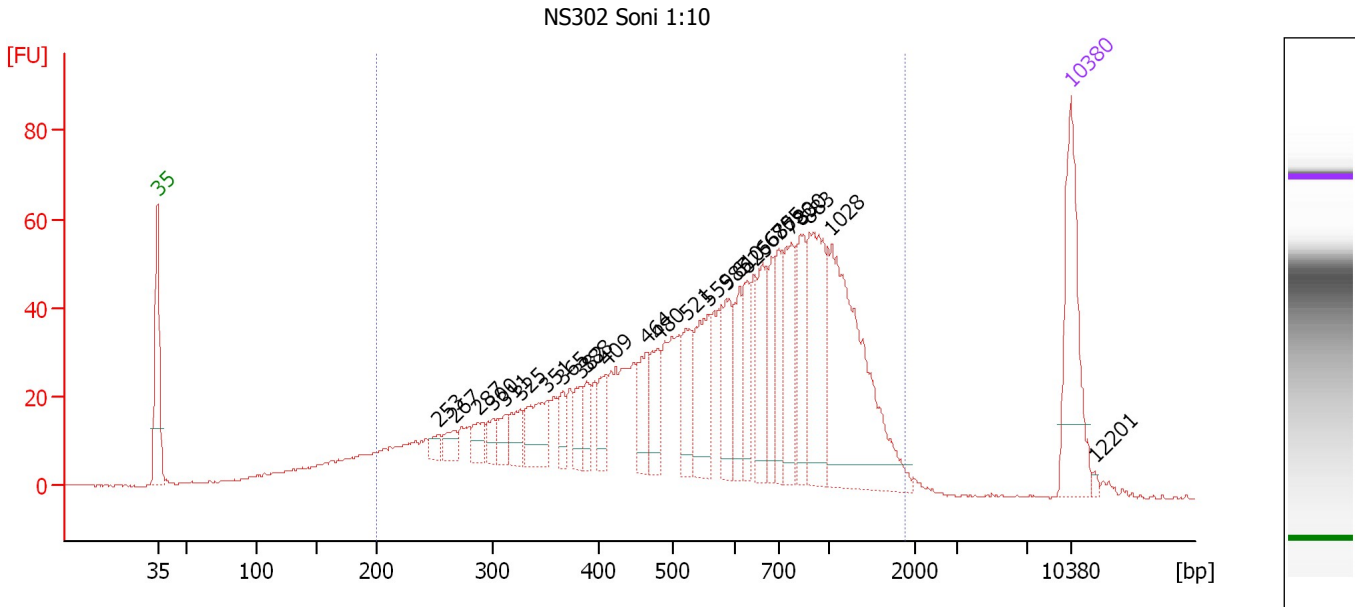
Region table for sample 4 : NS177 Soni 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
147	1,215	455	6,806.9	1,518.99	1,282.2	92	44.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : NS302 Soni 1:10

Number of peaks found: 26 Corr. Area 1: 1,473.9
 Noise: 0.2

Peak table for sample 5 : NS302 Soni 1:10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	253	10.10	60.4	
3	267	15.01	85.1	
4	287	17.17	90.6	
5	300	15.10	76.3	
6	311	16.16	78.6	
7	325	22.37	104.3	
8	351	44.87	193.8	
9	365	17.12	71.1	
10	382	20.88	82.8	
11	388	17.68	69.0	
12	409	21.49	79.6	
13	464	35.89	117.3	
14	480	33.97	107.3	
15	521	38.16	111.0	
16	559	60.50	164.0	
17	585	39.71	102.8	
18	610	35.85	89.1	
19	625	33.80	81.9	
20	663	46.73	106.8	
21	685	35.29	78.0	
22	705	36.86	79.2	
23	780	52.66	102.3	
24	830	50.30	91.9	
25	883	95.37	163.7	
26	1,028	172.64	254.4	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...**... Peak table for sample 5 : NS302 Soni 1:10**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker
28	12,201	0.00	0.0	

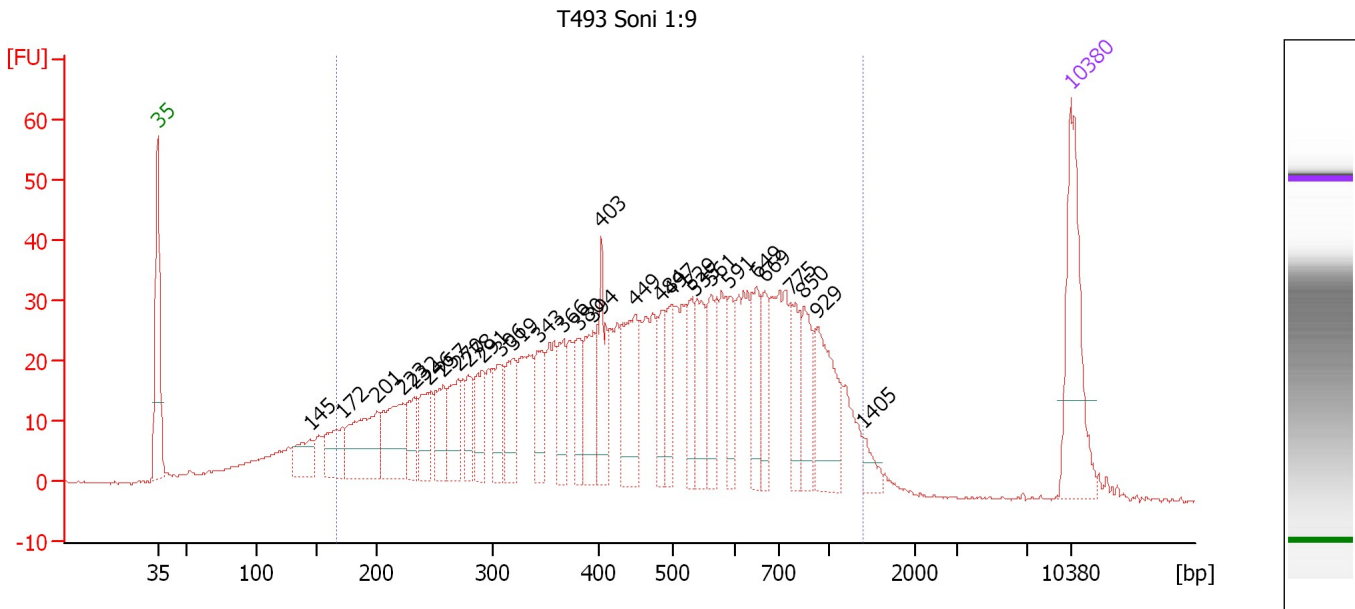
Region table for sample 5 : NS302 Soni 1:10

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,898	665	4,959.6	1,552.51	1,473.9	93	50.7	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : T493 Soni 1:9

Number of peaks found: 30 Corr. Area 1: 1,256.5
 Noise: 0.2

Peak table for sample 6 : T493 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	145	34.56	362.2	
3	172	42.26	373.1	
4	201	82.77	622.8	
5	223	68.71	466.7	
6	232	31.96	208.4	
7	246	40.58	250.2	
8	257	36.44	214.7	
9	270	41.25	231.4	
10	278	28.76	156.5	
11	291	37.37	194.8	
12	306	32.12	158.9	
13	319	41.24	195.9	
14	343	42.01	185.5	
15	366	36.19	149.8	
16	380	31.46	125.3	
17	394	51.86	199.3	
18	403	49.21	184.9	
19	449	70.49	238.0	
20	484	31.48	98.6	
21	497	32.16	98.0	
22	529	31.78	91.0	
23	535	45.79	129.7	
24	561	44.69	120.6	
25	591	29.63	76.0	
26	649	37.34	87.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad


Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : T493 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	669	30.05	68.1	
28	775	35.52	69.4	
29	850	37.66	67.1	
30	929	65.96	107.6	
31	1,405	10.94	11.8	
32	10,380	75.00	10.9	Upper Marker

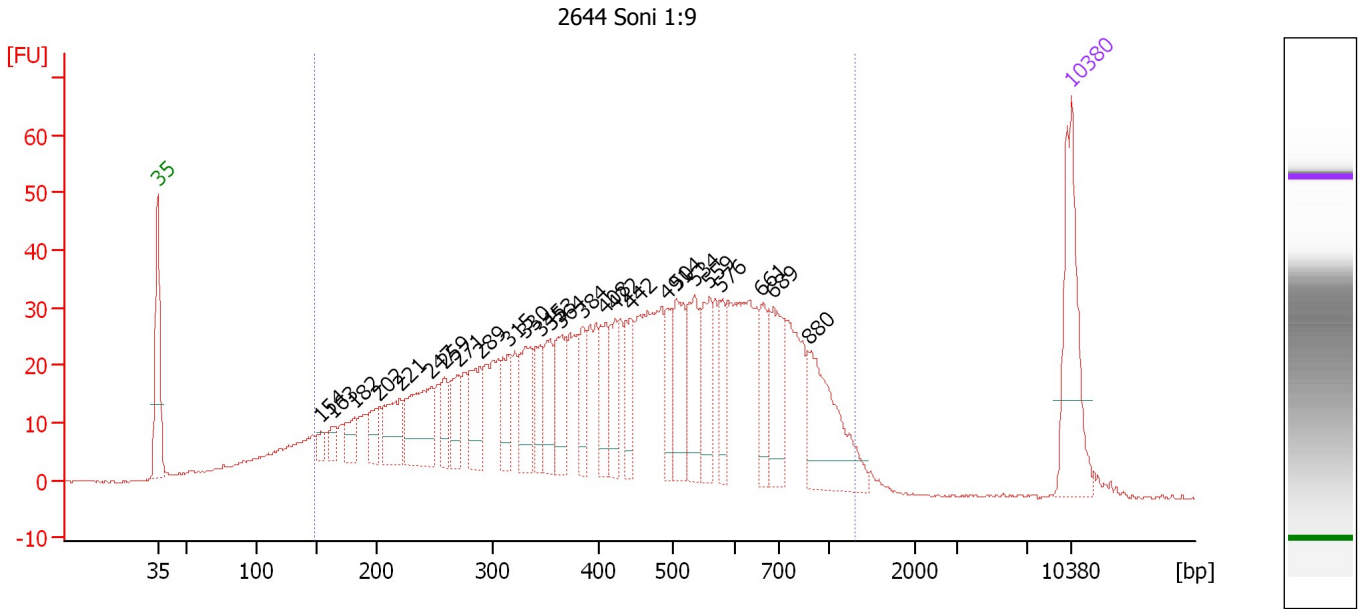
Region table for sample 6 : T493 Soni 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
167	1,384	510	7,429.7	1,837.22	1,256.5	90	46.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 2644 Soni 1:9

Number of peaks found: 26 Corr. Area 1: 1,303.9
 Noise: 0.2

Peak table for sample 7 : 2644 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	154	10.57	104.1	
3	163	13.17	122.3	
4	182	24.16	201.0	
5	202	25.36	190.1	
6	221	47.91	328.9	
7	247	79.15	485.3	
8	259	26.20	153.6	
9	271	32.01	179.0	
10	289	47.76	250.8	
11	315	34.05	163.6	
12	330	50.78	232.9	
13	345	30.75	135.2	
14	353	38.00	162.9	
15	364	43.07	179.1	
16	384	29.92	118.1	
17	408	32.28	119.9	
18	422	37.06	133.1	
19	442	37.27	127.7	
20	491	31.79	98.0	
21	504	54.54	163.8	
22	534	53.07	150.6	
23	559	46.47	126.0	
24	576	29.79	78.4	
25	661	39.25	90.0	
26	689	55.02	120.9	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
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Electropherogram Summary Continued ...**... Peak table for sample 7 : 2644 Soni 1:9**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	880	88.09	151.6	
28	▶ 10,380	75.00	10.9	Upper Marker

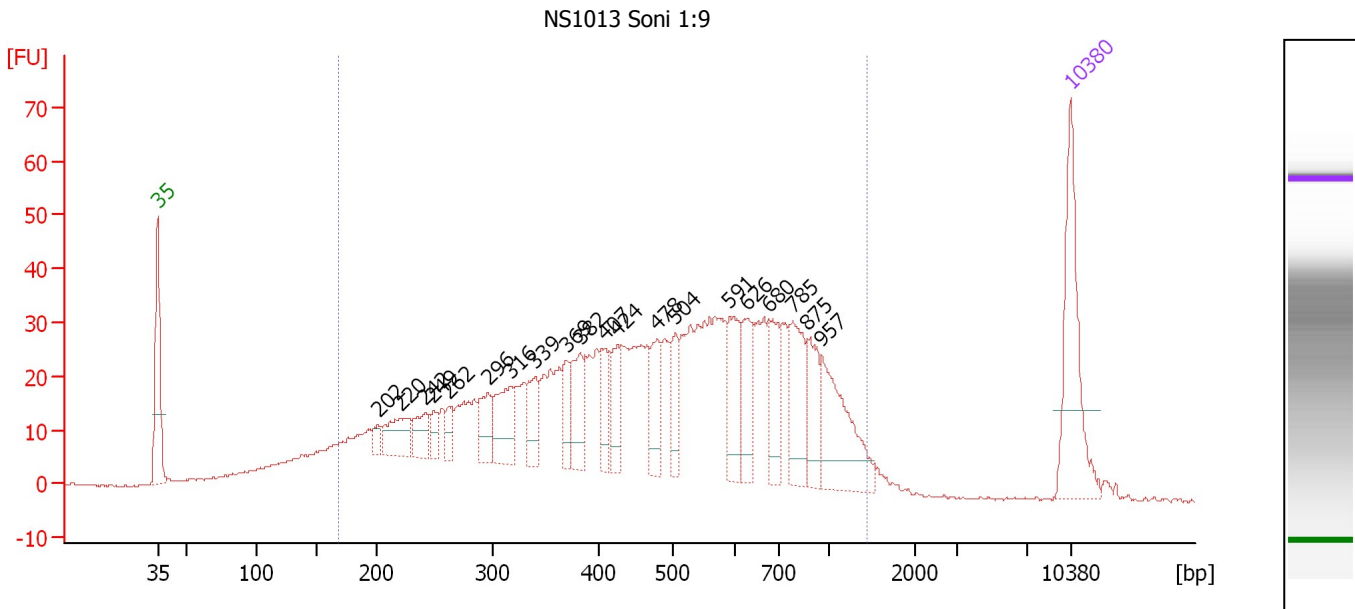
Region table for sample 7 : 2644 Soni 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
148	1,290	477	8,236.3	1,909.32	1,303.9	92	44.8	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : NS1013 Soni 1:9

Number of peaks found: 20 Corr. Area 1: 1,188.1
 Noise: 0.2

Peak table for sample 8 : NS1013 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	202	9.92	74.4	
3	220	38.70	266.0	
4	242	26.99	169.2	
5	249	13.67	83.2	
6	262	14.89	86.2	
7	296	30.64	157.0	
8	316	47.55	227.7	
9	339	32.91	146.9	
10	369	23.33	95.8	
11	382	40.22	159.5	
12	407	28.79	107.1	
13	424	30.92	110.4	
14	478	37.54	119.1	
15	504	28.38	85.4	
16	591	49.38	126.7	
17	626	36.71	88.8	
18	680	40.92	91.2	
19	785	52.81	101.9	
20	875	36.83	63.8	
21	957	75.22	119.1	
22	10,380	75.00	10.9	Upper Marker

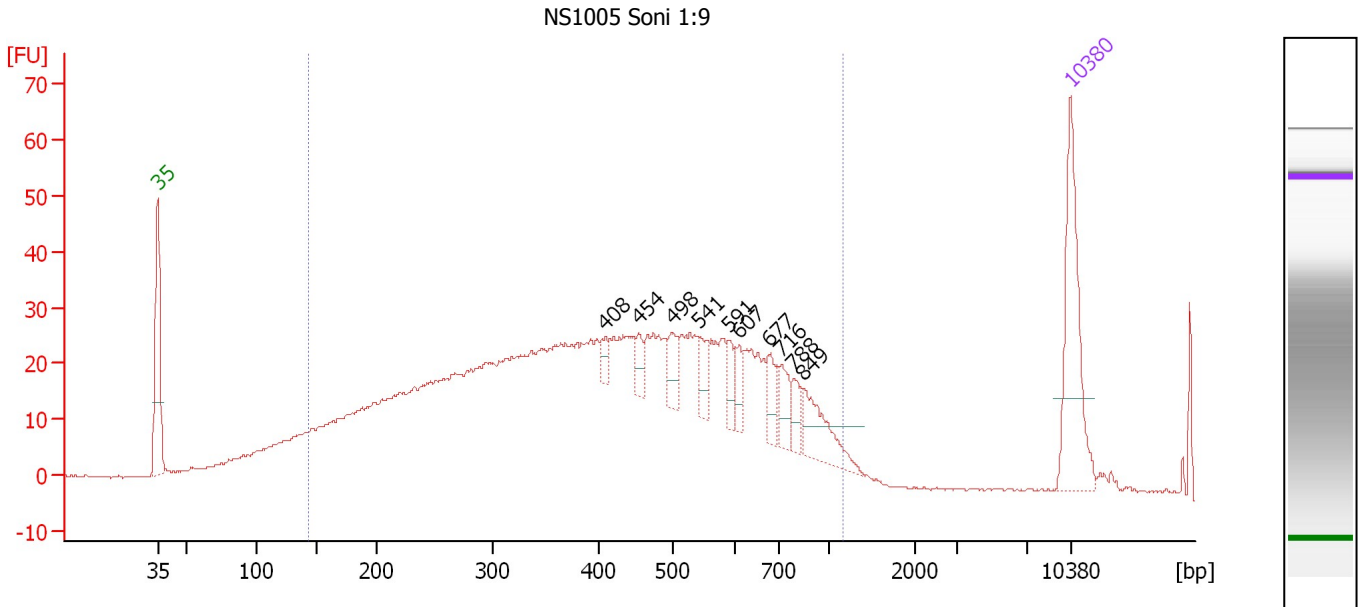
Region table for sample 8 : NS1013 Soni 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
168	1,431	518	6,553.8	1,647.70	1,188.1	91	46.7	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : NS1005 Soni 1:9

Number of peaks found: 10 Corr. Area 1: 1,142.4
 Noise: 0.2

Peak table for sample 9 : NS1005 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	408	9.96	37.0	
3	454	12.86	43.0	
4	498	18.59	56.6	
5	541	17.98	50.3	
6	591	14.43	37.0	
7	607	14.15	35.3	
8	677	19.64	44.0	
9	716	20.79	44.0	
10	788	13.93	26.8	
11	849	39.61	70.7	
12	10,380	75.00	10.9	Upper Marker

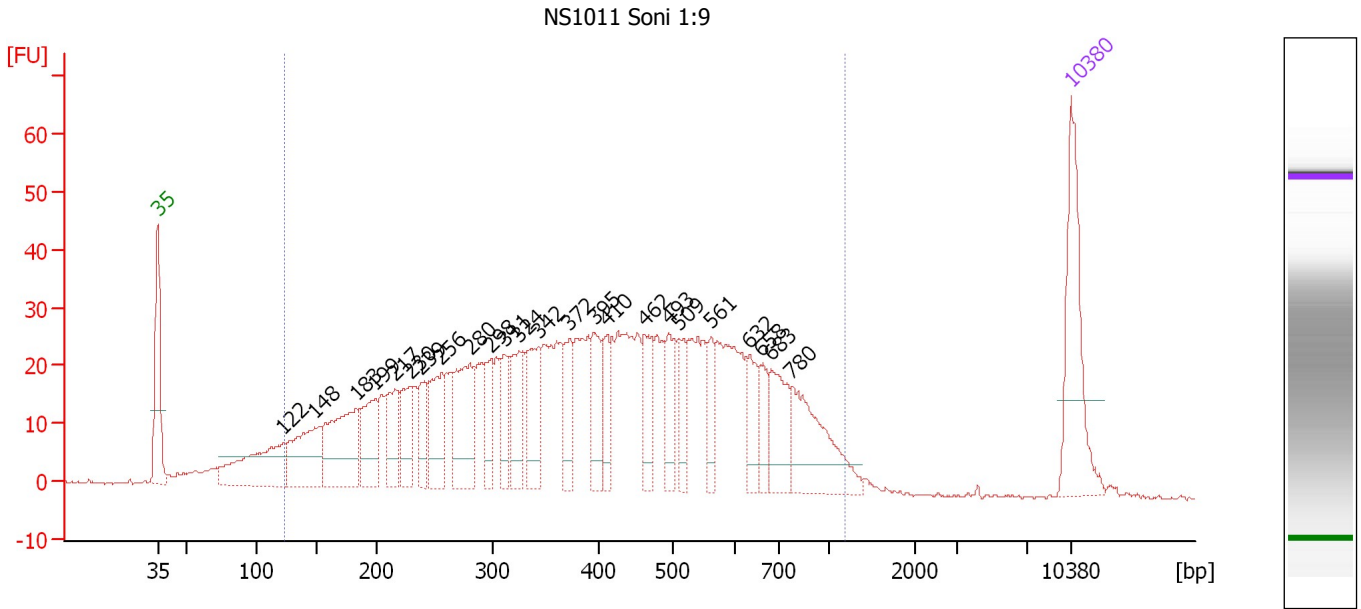
Region table for sample 9 : NS1005 Soni 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
144	1,171	442	8,084.9	1,756.22	1,142.4	91	43.8	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : NS1011 Soni 1:9

Number of peaks found: 24 Corr. Area 1: 1,194.2
 Noise: 0.2

Peak table for sample 10 : NS1011 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	122	103.90	1,290.5	
3	148	87.72	897.1	
4	183	109.25	902.7	
5	199	60.48	459.5	
6	217	47.52	332.3	
7	230	47.98	316.4	
8	239	30.61	194.4	
9	256	61.76	365.7	
10	280	82.70	447.6	
11	298	34.63	176.2	
12	311	32.45	158.2	
13	324	49.35	230.6	
14	342	61.17	270.8	
15	372	36.21	147.5	
16	395	42.81	164.2	
17	410	30.18	111.4	
18	462	40.43	132.7	
19	493	32.82	100.9	
20	509	27.43	81.6	
21	561	25.42	68.6	
22	632	33.73	80.9	
23	658	22.97	52.9	
24	683	46.49	103.1	
25	780	83.31	161.7	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...

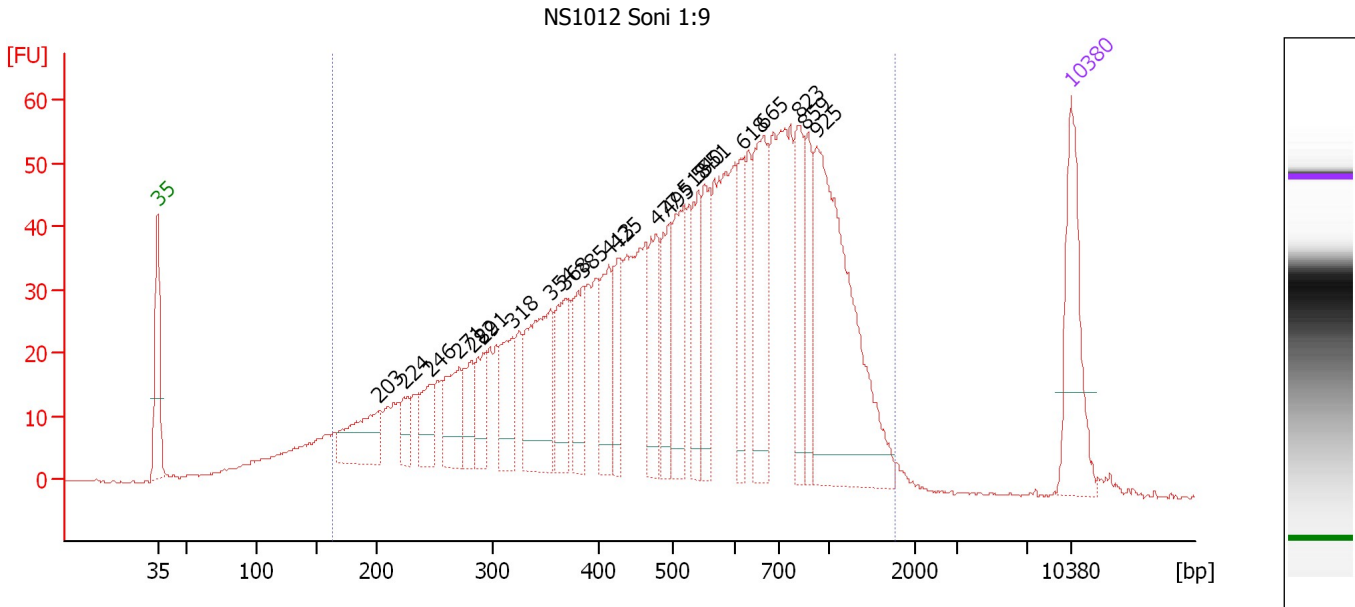
... Region table for sample 10 : NS1011 Soni 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
123	1,187	428	8,888.1	1,811.61	1,194.2	94	45.2	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

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 Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : NS1012 Soni 1:9

Number of peaks found: 22 Corr. Area 1: 1,694.5
 Noise: 0.2

Peak table for sample 11 : NS1012 Soni 1:9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	203	70.23	524.4	
3	224	23.90	161.7	
4	246	39.81	245.1	
5	271	61.42	343.6	
6	282	34.07	183.1	
7	291	40.49	210.5	
8	318	55.19	263.0	
9	354	118.21	505.5	
10	368	64.37	264.8	
11	385	60.53	238.4	
12	413	58.84	215.7	
13	425	46.17	164.6	
14	477	65.80	208.9	
15	495	57.29	175.5	
16	518	80.74	236.3	
17	540	57.28	160.7	
18	551	54.99	151.2	
19	618	48.92	120.0	
20	665	99.78	227.3	
21	823	66.04	121.6	
22	859	48.03	84.7	
23	925	251.63	412.2	
24	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
Modified: 1/29/2013 2:50:33 PM

Electropherogram Summary Continued ...

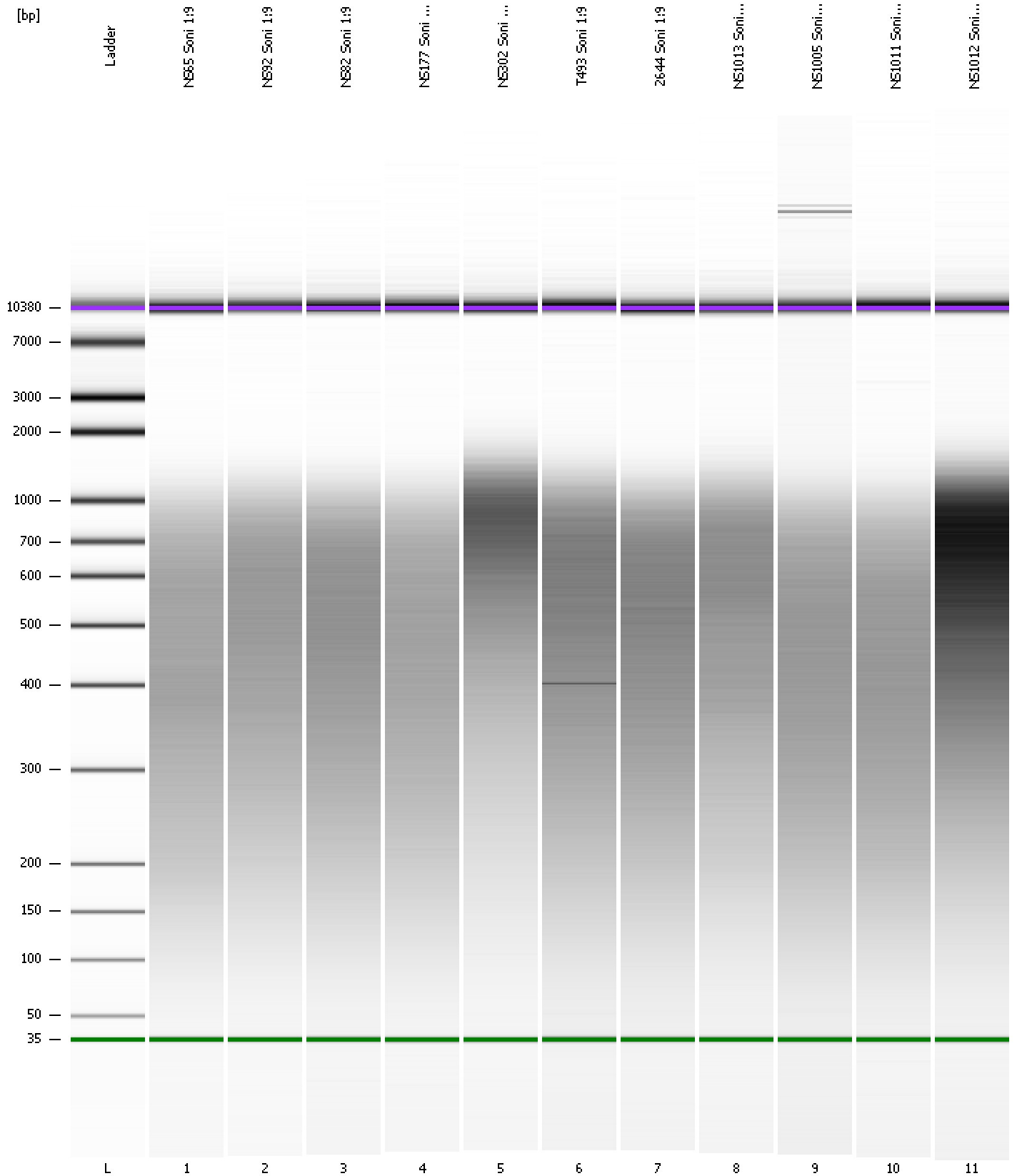
... Region table for sample 11 : NS1012 Soni 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
164	1,766	588	9,029.0	2,497.05	1,694.5	95	49.7	■

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

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Modified: 1/29/2013 2:50:33 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad

Created: 1/29/2013 2:02:12 PM
 Modified: 1/29/2013 2:50:33 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		1/29/2013 2:43:33 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-01-29\2013-01-29_002.xad)		Instrument	Run		1/29/2013 2:02:18 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		1/29/2013 2:02:18 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		1/29/2013 2:02:18 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		1/29/2013 2:02:18 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		1/29/2013 2:02:18 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		1/29/2013 2:02:18 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		1/29/2013 2:02:18 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1