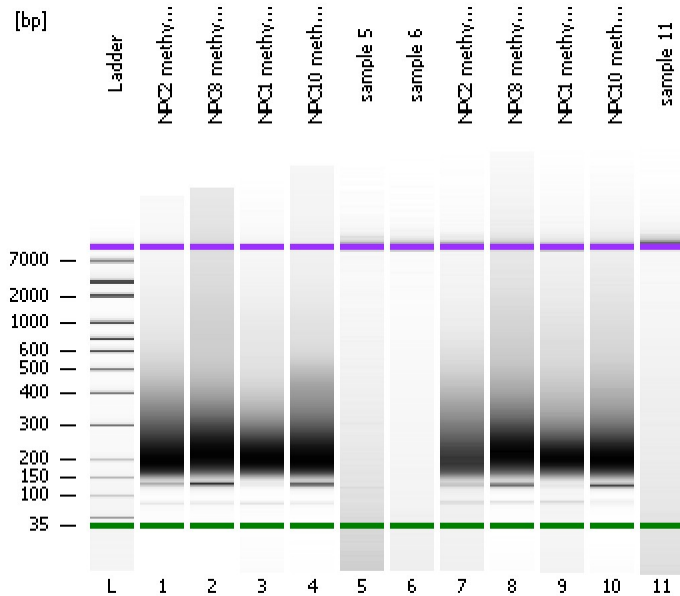


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
Modified: 4/6/2015 4:02:50 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

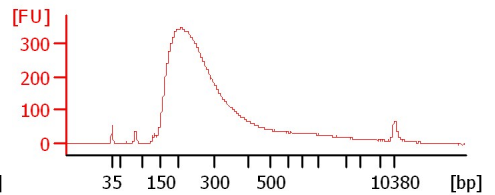
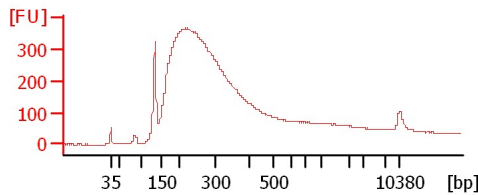
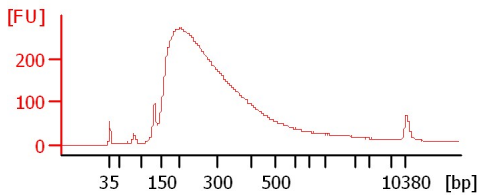
Chip Information:

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

NPC2 methyseqlib 14cyc

NPC8 methyseqlib 14cyc

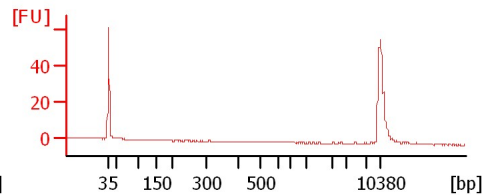
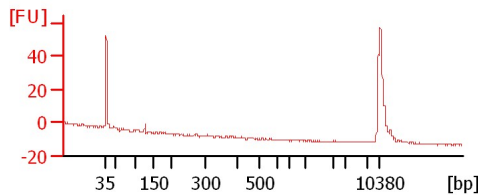
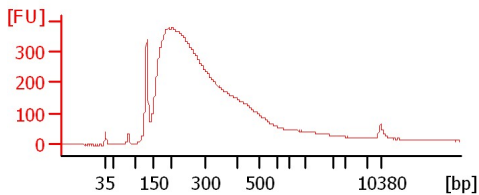
NPC1 methyseqlib 14cyc



NPC10 methyseqlib 14cyc

sample 5

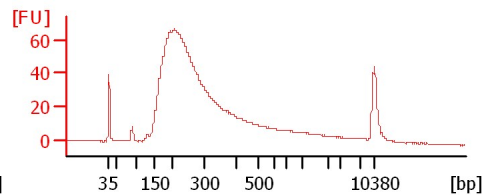
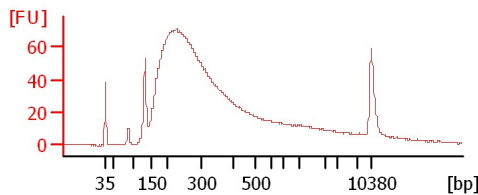
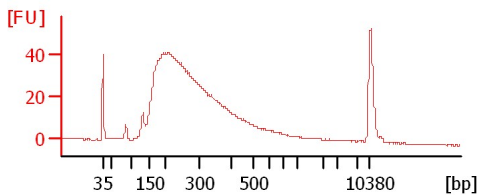
sample 6



NPC2 methyseqlib 14cyc 1:5

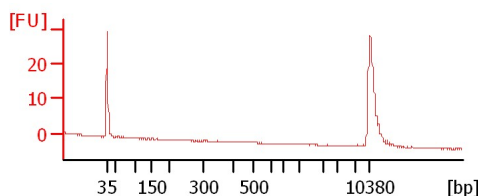
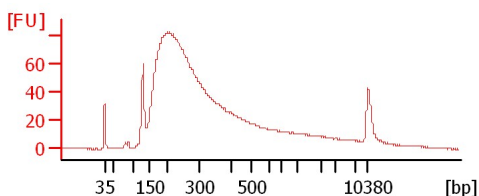
NPC8 methyseqlib 14cyc 1:5

NPC1 methyseqlib 14cyc 1:5



NPC10 methyseq lib 14cyc 1:5

sample 11



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
Modified: 4/6/2015 4:02:50 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
NPC2 methylseqlib 14cyc		<input type="checkbox"/>	✓			
NPC8 methylseqlib 14cyc		<input type="checkbox"/>	✓			
NPC1 methylseqlib 14cyc		<input type="checkbox"/>	✓			
NPC10 methylseqlib 14cyc		<input type="checkbox"/>	✓			
sample 5		<input type="checkbox"/>	✓			
sample 6		<input type="checkbox"/>	✓			
NPC2 methylseqlib 14cyc 1:5		<input type="checkbox"/>	✓			
NPC8 methylseqlib 14cyc 1:5		<input type="checkbox"/>	✓			
NPC1 methylseqlib 14cyc 1:5		<input type="checkbox"/>	✓			
NPC10 methylseq lib 14cyc 1:5		<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:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
Modified: 4/6/2015 4:02:50 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

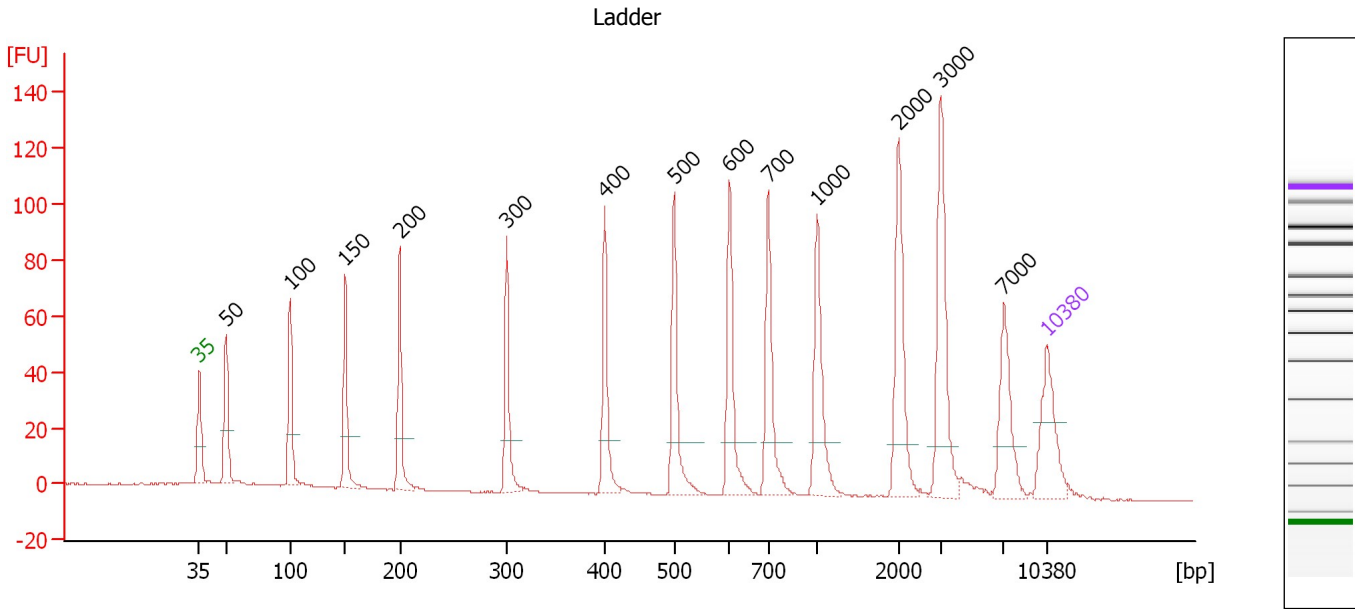
Ladder

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\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

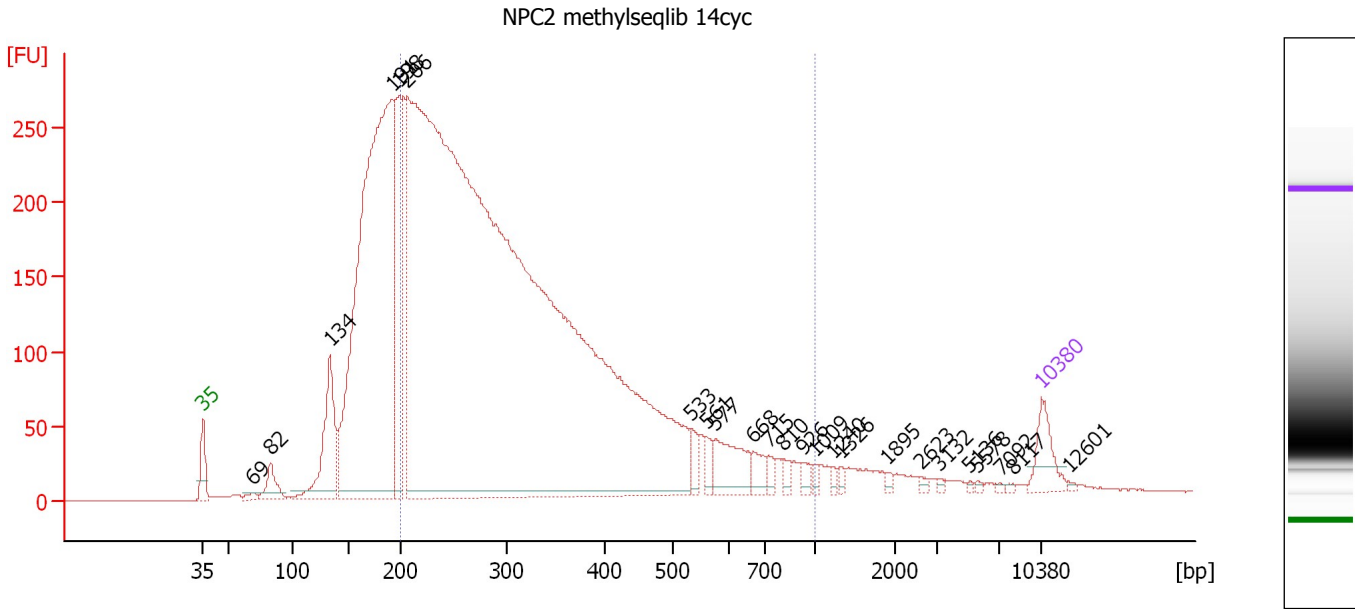
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.20
3	100	150.00	2,272.7	Ladder Peak	50.49
4	150	150.00	1,515.2	Ladder Peak	55.07
5	200	150.00	1,136.4	Ladder Peak	59.56
6	300	150.00	757.6	Ladder Peak	68.42
7	400	150.00	568.2	Ladder Peak	76.48
8	500	150.00	454.5	Ladder Peak	82.25
9	600	150.00	378.8	Ladder Peak	86.83
10	700	150.00	324.7	Ladder Peak	90.00
11	1,000	150.00	227.3	Ladder Peak	94.06
12	2,000	150.00	113.6	Ladder Peak	100.80
13	3,000	150.00	75.8	Ladder Peak	104.23
14	7,000	150.00	32.5	Ladder Peak	109.48
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : NPC2 methylseqlib 14cyc

Number of peaks found: 24 Corr. Area 1: 5,750.1
 Noise: 0.2

Peak table for sample 1 : NPC2 methylseqlib 14cyc

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	69	19.90	438.5		47.19
3	82	93.18	1,716.9		48.61
4	134	360.26	4,075.6		53.60
5	191	2,537.94	20,123.1		58.76
6	198	474.67	3,640.9		59.34
7	206	9,376.81	69,120.6		60.05
8	533	46.06	131.0		83.74
9	561	36.86	99.6		85.04
10	577	145.11	380.8		85.79
11	668	46.40	105.2		89.00
12	715	26.07	55.3		90.20
13	810	22.23	41.6		91.49
14	926	20.98	34.4		93.05
15	1,009	13.17	19.8		94.12
16	1,240	11.51	14.1		95.68
17	1,326	11.93	13.6		96.26
18	1,895	9.41	7.5		100.09
19	2,623	8.31	4.8		102.94
20	3,132	5.12	2.5		104.41
21	5,136	4.03	1.2		107.03
22	5,578	4.42	1.2		107.61
23	7,092	4.18	0.9		109.57
24	8,117	3.42	0.6		110.64
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...**... Peak table for sample 1 : NPC2 methylseqlib 14cyc**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	12,601	0.00	0.0		115.32

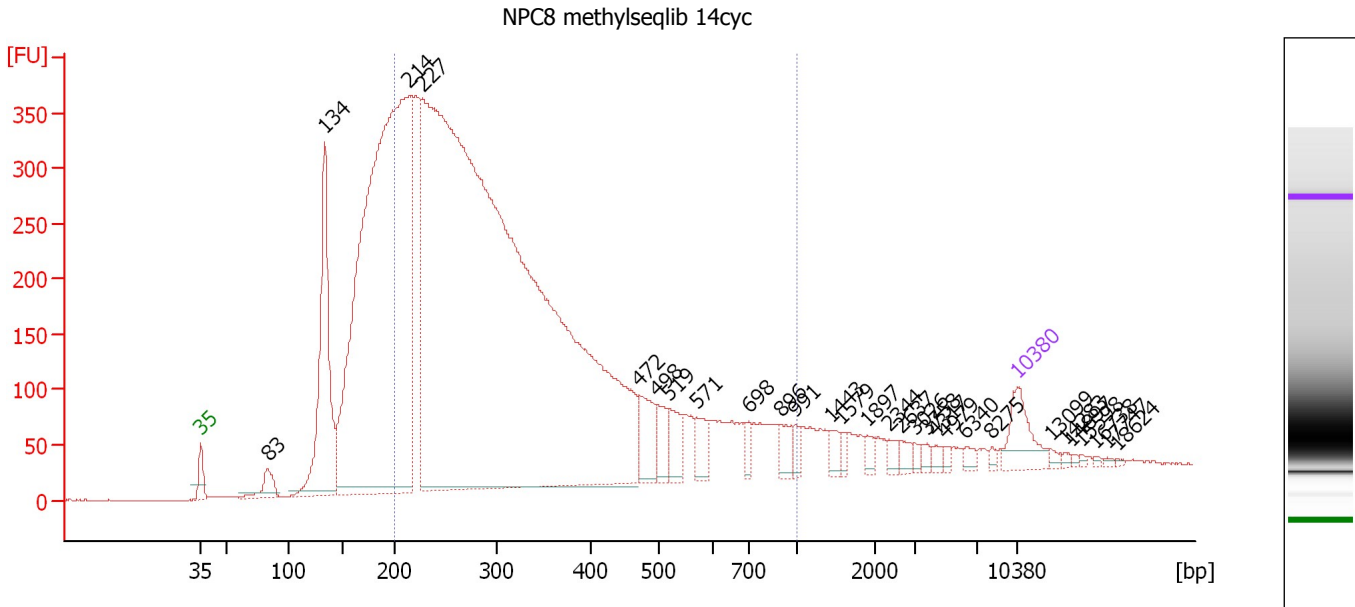
Region table for sample 1 : NPC2 methylseqlib 14cyc

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/ μ l]	Color
200	332	1,000	5,750.1	43,365.3	71	39.6	8,222.94	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : NPC8 methylseqlib 14cyc

Number of peaks found: 29 Corr. Area 1: 8,034.6
 Noise: 0.5

Peak table for sample 2 : NPC8 methylseqlib 14cyc

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	83	67.52	1,229.3		48.72
3	134	583.43	6,595.2		53.61
4	214	2,649.17	18,728.9		60.83
5	227	5,778.75	38,620.8		61.93
6	472	103.32	331.7		80.63
7	498	60.49	184.0		82.14
8	519	72.47	211.4		83.14
9	571	59.26	157.1		85.52
10	698	24.27	52.6		89.96
11	896	36.98	62.5		92.65
12	991	24.34	37.2		93.93
13	1,443	25.21	26.5		97.04
14	1,579	15.08	14.5		97.96
15	1,897	16.92	13.5		100.11
16	2,344	15.95	10.3		101.98
17	2,637	17.50	10.1		102.99
18	3,026	10.32	5.2		104.27
19	3,758	10.54	4.2		105.23
20	4,317	12.73	4.5		105.96
21	4,979	7.84	2.4		106.83
22	6,340	12.47	3.0		108.61
23	8,275	6.72	1.2		110.81
24	10,380	75.00	10.9	Upper Marker	113.00
25	13,099	0.00	0.0		115.83

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : NPC8 methylseqlib 14cyc

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	14,283	0.00	0.0		117.07
27	14,897	0.00	0.0		117.71
28	15,598	0.00	0.0		118.44
29	16,738	0.00	0.0		119.63
30	17,747	0.00	0.0		120.68
31	18,624	0.00	0.0		121.60

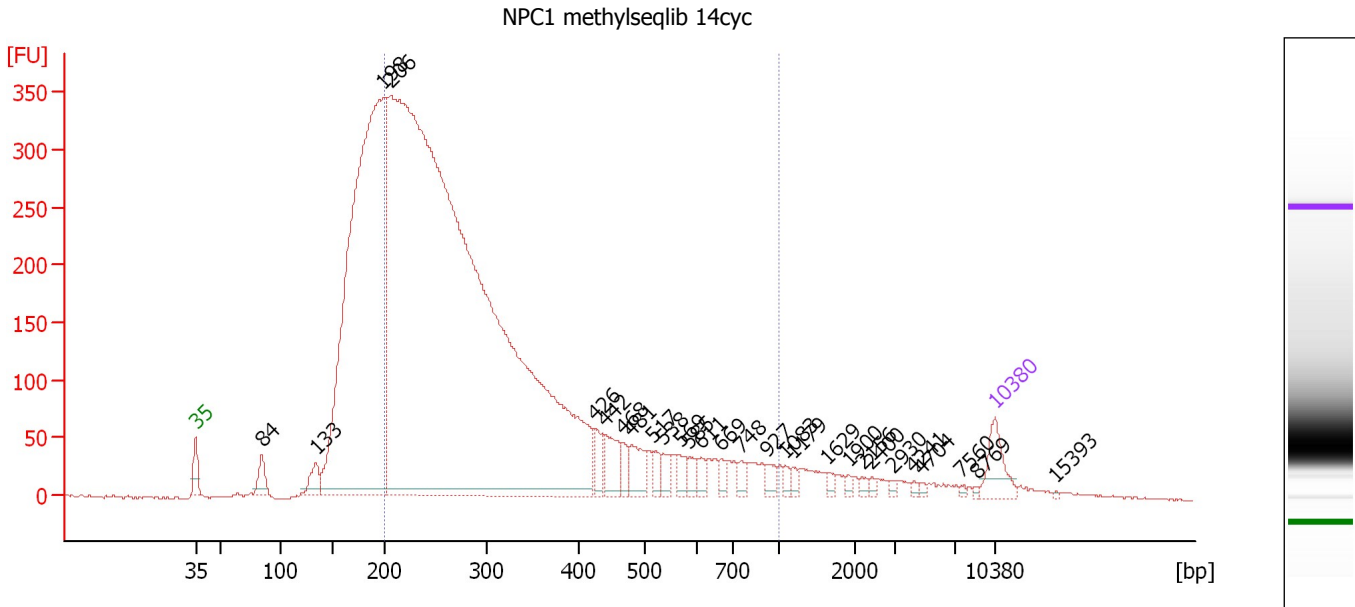
Region table for sample 2 : NPC8 methylseqlib 14cyc

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/ μ l]	Color
200	339	1,000	8,034.6	34,912.5	71	42.7	6,655.50	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : NPC1 methylseqlib 14cyc

Number of peaks found: 28 Corr. Area 1: 6,227.6
 Noise: 1.1

Peak table for sample 3 : NPC1 methylseqlib 14cyc

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	84	76.30	1,377.9		48.79
3	133	74.60	847.4		53.55
4	198	2,985.63	22,792.4		59.43
5	206	7,901.52	58,016.2		60.13
6	426	56.08	199.3		78.00
7	442	105.21	360.9		78.89
8	468	37.93	122.7		80.43
9	481	85.85	270.7		81.13
10	517	35.26	103.3		83.04
11	538	39.17	110.4		83.97
12	569	33.79	90.0		85.42
13	585	31.71	82.1		86.17
14	611	32.27	80.0		87.19
15	669	22.51	51.0		89.01
16	748	25.84	52.4		90.65
17	927	29.15	47.6		93.07
18	1,083	16.66	23.3		94.61
19	1,179	15.53	20.0		95.27
20	1,629	15.12	14.1		98.30
21	1,900	10.11	8.1		100.12
22	2,156	10.81	7.6		101.33
23	2,400	9.28	5.9		102.17
24	2,930	7.48	3.9		103.99
25	4,241	7.25	2.6		105.86

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad


Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : NPC1 methylseqlib 14cyc

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	4,704	6.66	2.1		106.47
27	7,560	4.92	1.0		110.06
28	8,769	4.23	0.7		111.32
29	10,380	75.00	10.9	Upper Marker	113.00
30	15,393	0.00	0.0		118.23

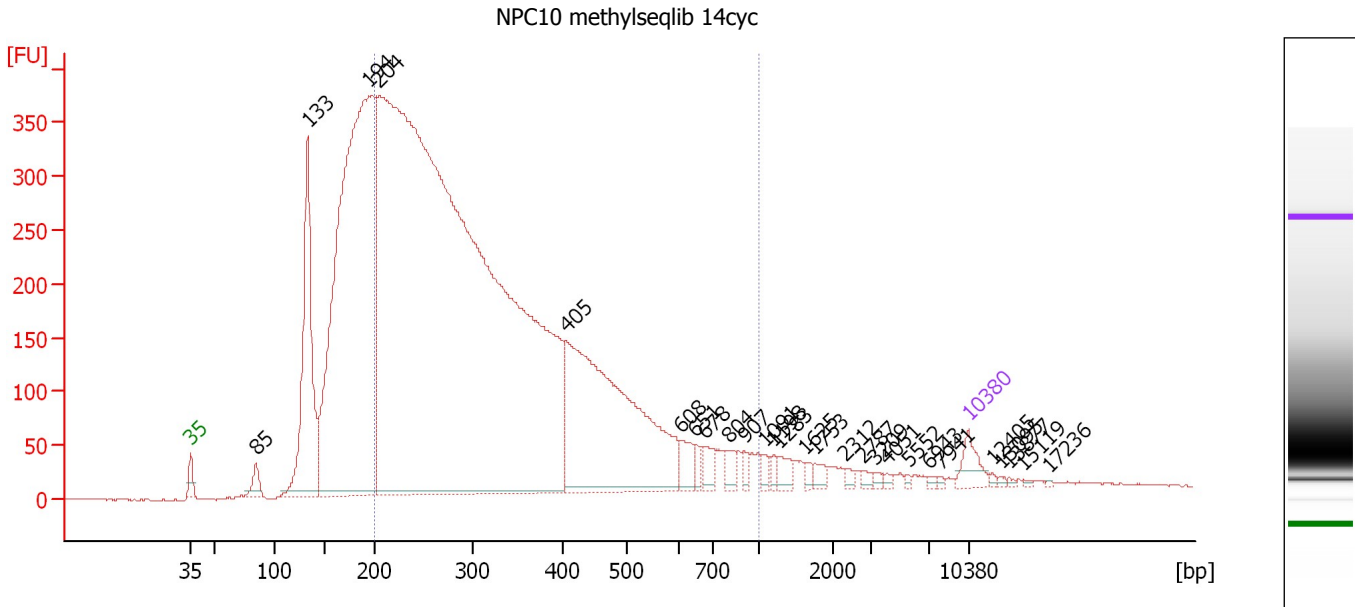
Region table for sample 3 : NPC1 methylseqlib 14cyc

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	322	1,000	6,227.6	42,352.8	70	42.9	7,751.73	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : NPC10 methylseqlib 14cyc

Number of peaks found: 27 Corr. Area 1: 8,077.6
 Noise: 1.0

Peak table for sample 4 : NPC10 methylseqlib 14cyc

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	85	87.16	1,553.9		48.90
3	133	1,137.14	12,960.4		53.51
4	194	4,301.43	33,594.4		59.02
5	204	12,485.63	92,640.0		59.94
6	405	1,762.27	6,590.6		76.78
7	608	86.67	215.9		87.09
8	651	38.73	90.2		88.44
9	678	65.48	146.4		89.30
10	804	50.22	94.6		91.41
11	907	31.33	52.3		92.80
12	1,091	26.99	37.5		94.67
13	1,198	23.65	29.9		95.39
14	1,283	49.84	58.8		95.97
15	1,625	21.28	19.8		98.27
16	1,753	28.60	24.7		99.13
17	2,312	17.06	11.2		101.87
18	2,787	16.24	8.8		103.50
19	3,209	13.40	6.3		104.51
20	4,051	11.74	4.4		105.61
21	5,552	7.49	2.0		107.58
22	6,943	8.51	1.9		109.40
23	7,941	6.38	1.2		110.46
24	10,380	75.00	10.9	Upper Marker	113.00
25	12,405	0.00	0.0		115.11

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad


Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : NPC10 methylseqlib 14cyc

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	13,095	0.00	0.0		115.83
27	13,877	0.00	0.0		116.65
28	15,119	0.00	0.0		117.94
29	17,236	0.00	0.0		120.15

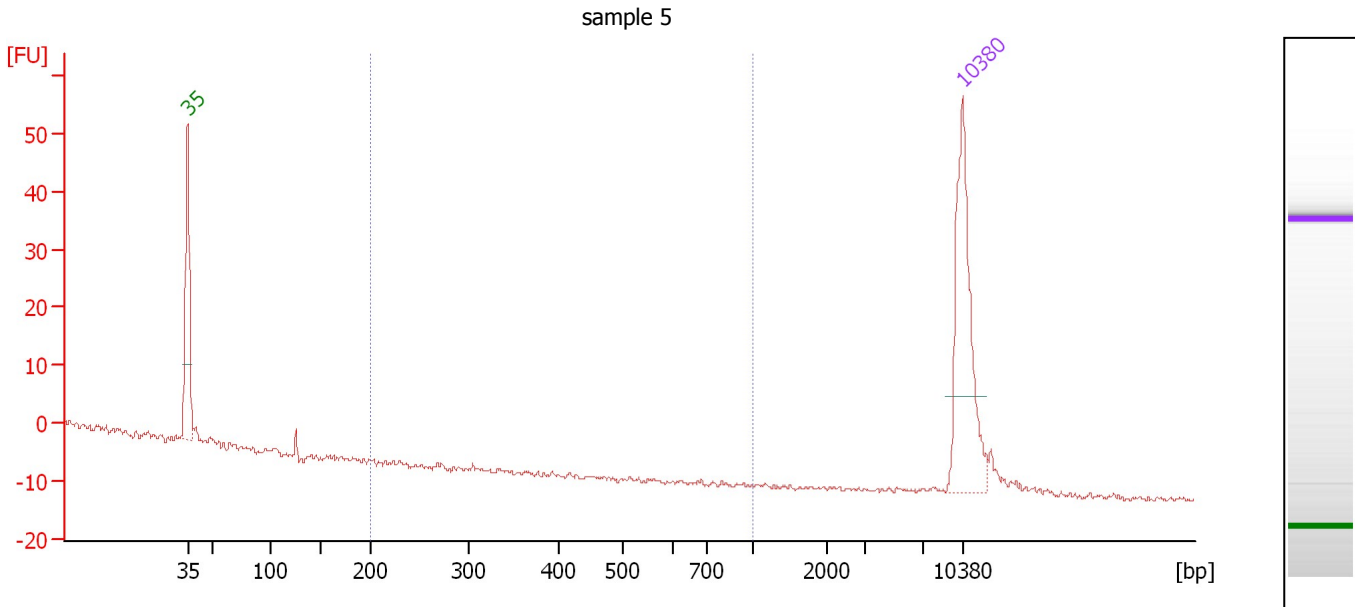
Region table for sample 4 : NPC10 methylseqlib 14cyc

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/ μ l]	Color
200	338	1,000	8,077.6	65,645.1	70	40.0	12,582.88	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sample 5

Number of peaks found: 0 Corr. Area 1: 0.0
 Noise: 0.4

Peak table for sample 5 : sample 5

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

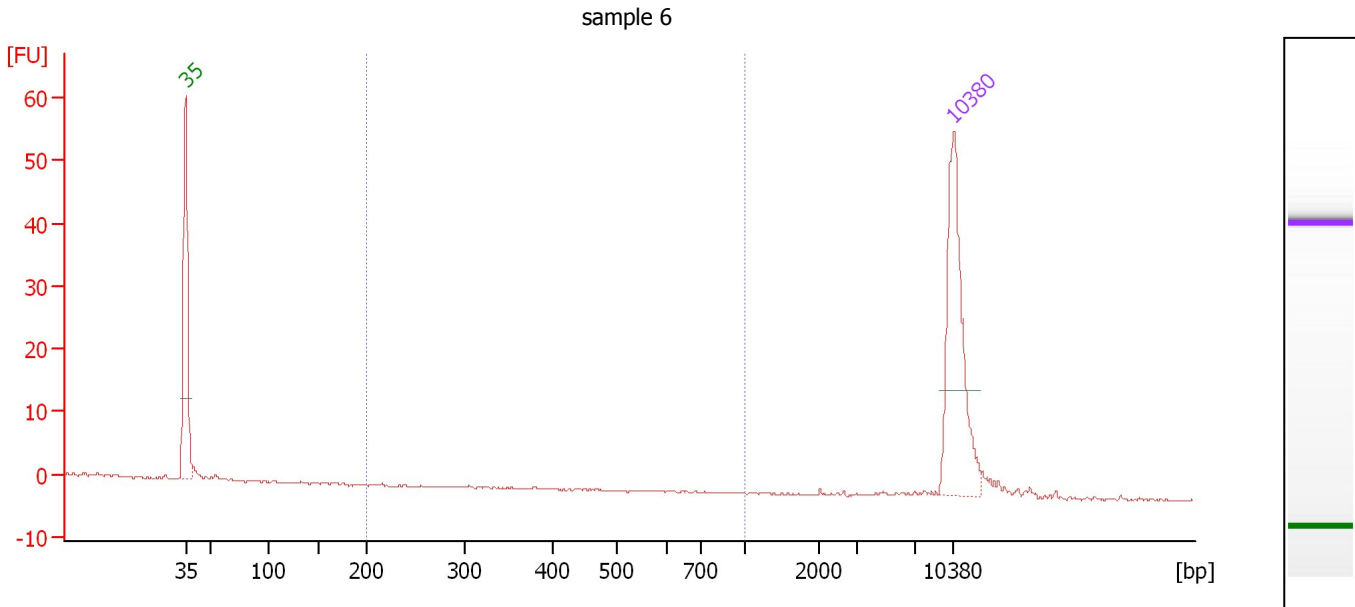
Region table for sample 5 : sample 5

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	0	1,000	0.0	0.0	0	0.0	0.00	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sample 6

Number of peaks found: 0 Corr. Area 1: 0.0
 Noise: 0.2

Peak table for sample 6 : sample 6

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

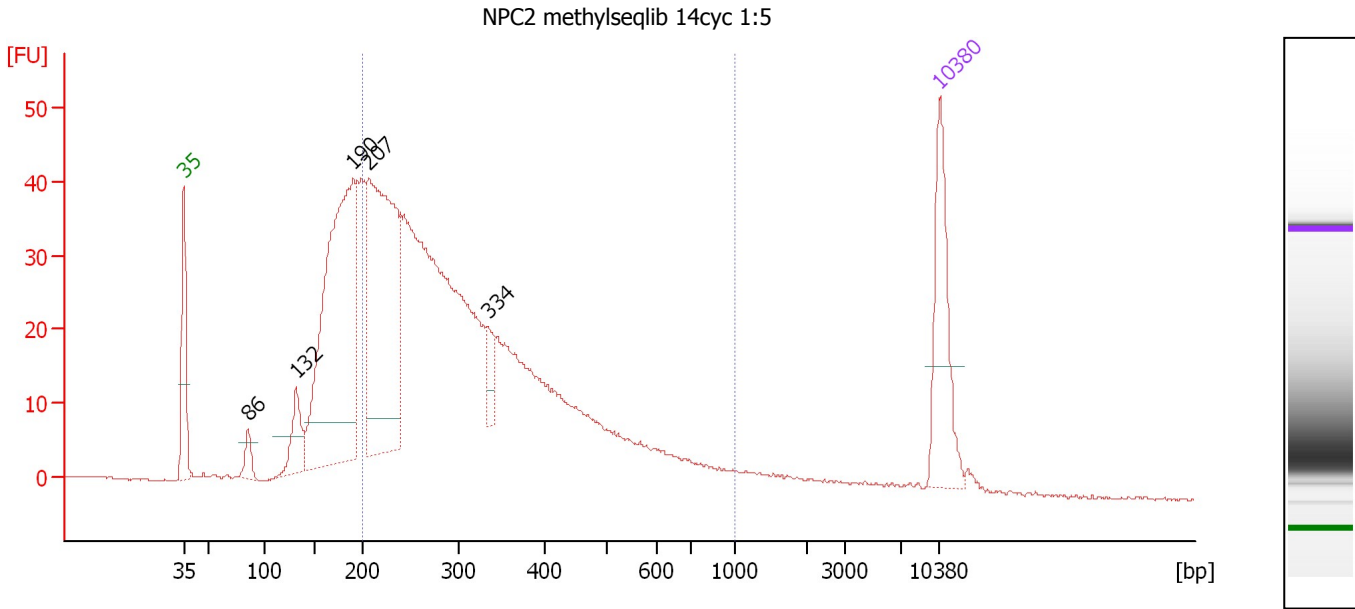
Region table for sample 6 : sample 6

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	0	1,000	0.0	0.0	0	0.0	0.00	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : NPC2 methylseqlib 14cyc 1:5

Number of peaks found: 5 Corr. Area 1: 848.2
 Noise: 0.1

Peak table for sample 7 : NPC2 methylseqlib 14cyc 1:5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	86	21.03	371.8		48.98
3	132	51.03	585.6		53.42
4	190	431.59	3,432.9		58.71
5	207	371.85	2,728.0		60.14
6	334	24.76	112.3		71.16
7	10,380	75.00	10.9	Upper Marker	113.00

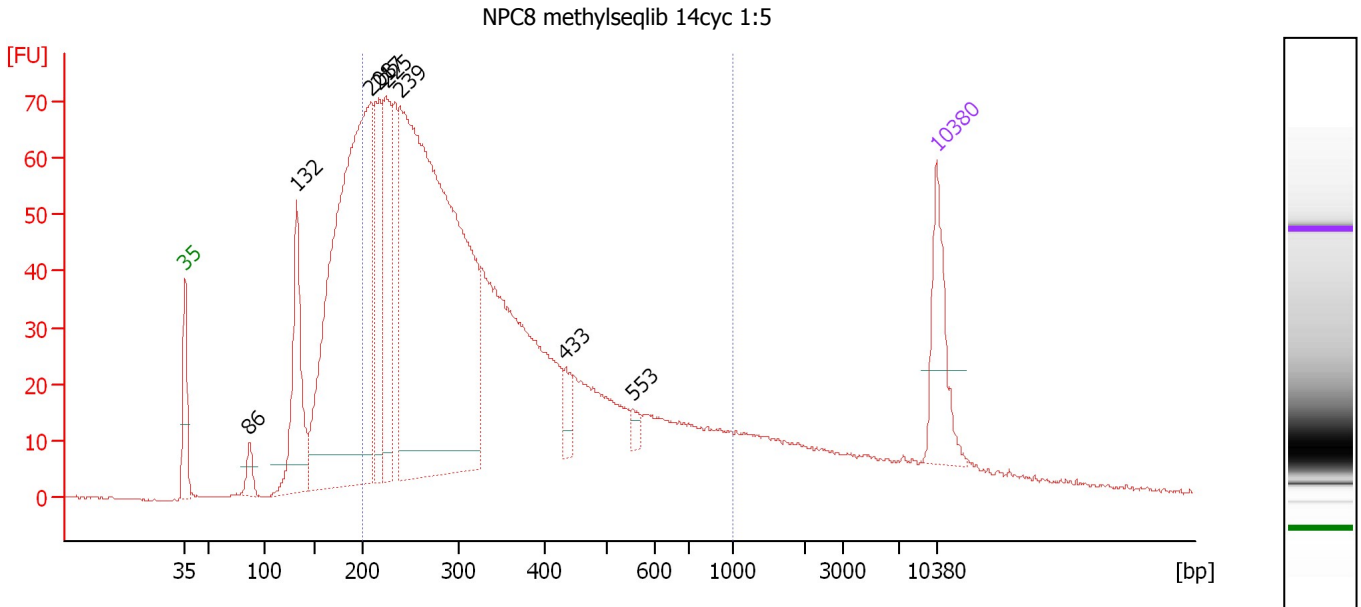
Region table for sample 7 : NPC2 methylseqlib 14cyc 1:5

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	331	1,000	848.2	8,005.8	71	39.0	1,518.93	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : NPC8 methylseqlib 14cyc 1:5

Number of peaks found: 8 Corr. Area 1: 1,607.9
 Noise: 0.2

Peak table for sample 8 : NPC8 methylseqlib 14cyc 1:5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	86	27.05	476.6		49.01
3	132	204.10	2,341.9		53.43
4	208	892.27	6,498.1		60.28
5	217	170.99	1,193.8		61.07
6	225	188.61	1,270.8		61.77
7	239	1,180.73	7,471.3		63.06
8	433	27.44	96.0		78.40
9	553	11.19	30.6		84.70
10	10,380	75.00	10.9	Upper Marker	113.00

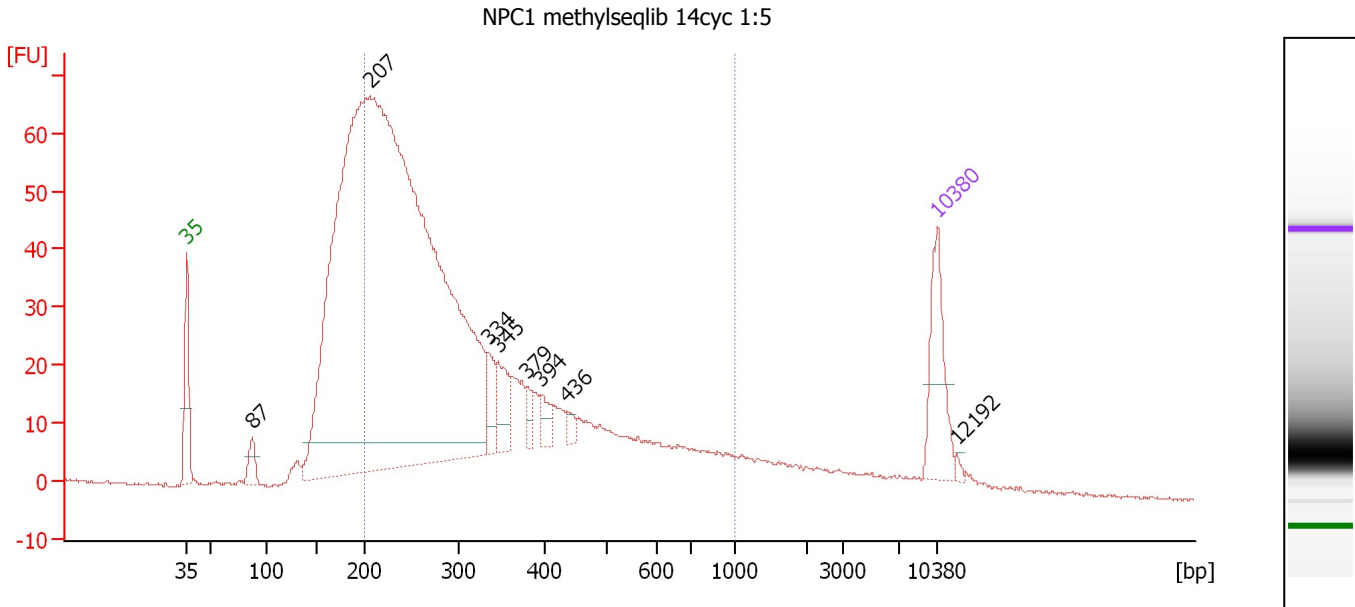
Region table for sample 8 : NPC8 methylseqlib 14cyc 1:5

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	351	1,000	1,607.9	14,594.7	71	43.4	2,834.55	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : NPC1 methylseqlib 14cyc 1:5

Number of peaks found: 8 Corr. Area 1: 1,158.8
 Noise: 0.2

Peak table for sample 9 : NPC1 methylseqlib 14cyc 1:5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	87	31.95	556.4		49.12
3	207	2,680.12	19,651.3		60.15
4	334	37.87	171.9		71.14
5	345	51.87	227.5		72.08
6	379	17.01	68.1		74.77
7	394	21.79	83.7		76.01
8	436	11.25	39.1		78.55
9	10,380	75.00	10.9	Upper Marker	113.00
10	12,192	0.00	0.0		114.89

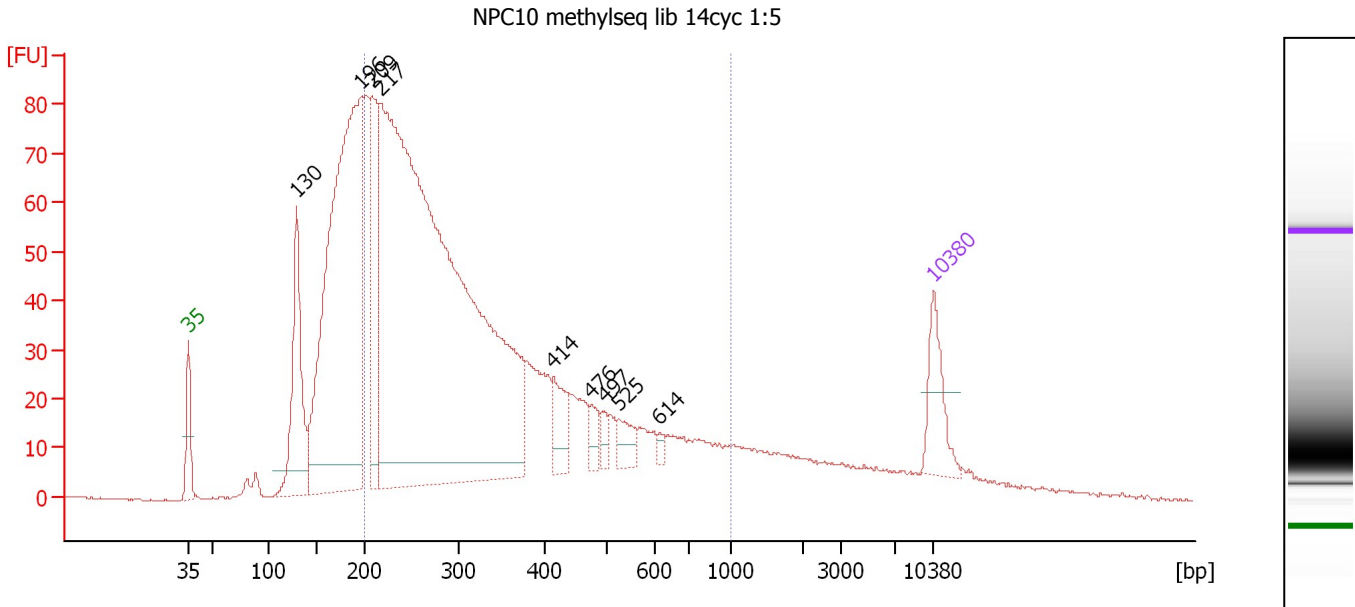
Region table for sample 9 : NPC1 methylseqlib 14cyc 1:5

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	332	1,000	1,158.8	13,221.6	70	44.0	2,452.05	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : NPC10 methylseq lib 14cyc 1:5

Number of peaks found: 9 Corr. Area 1: 1,612.8
 Noise: 0.2

Peak table for sample 10 : NPC10 methylseq lib 14cyc 1:5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	130	309.50	3,614.3		53.21
3	196	1,252.26	9,697.7		59.17
4	209	275.48	2,001.0		60.32
5	217	2,773.35	19,357.5		61.08
6	414	78.90	288.6		77.30
7	476	31.33	99.8		80.85
8	497	19.31	58.8		82.11
9	525	40.44	116.6		83.41
10	614	8.98	22.2		87.26
11	10,380	75.00	10.9	Upper Marker	113.00

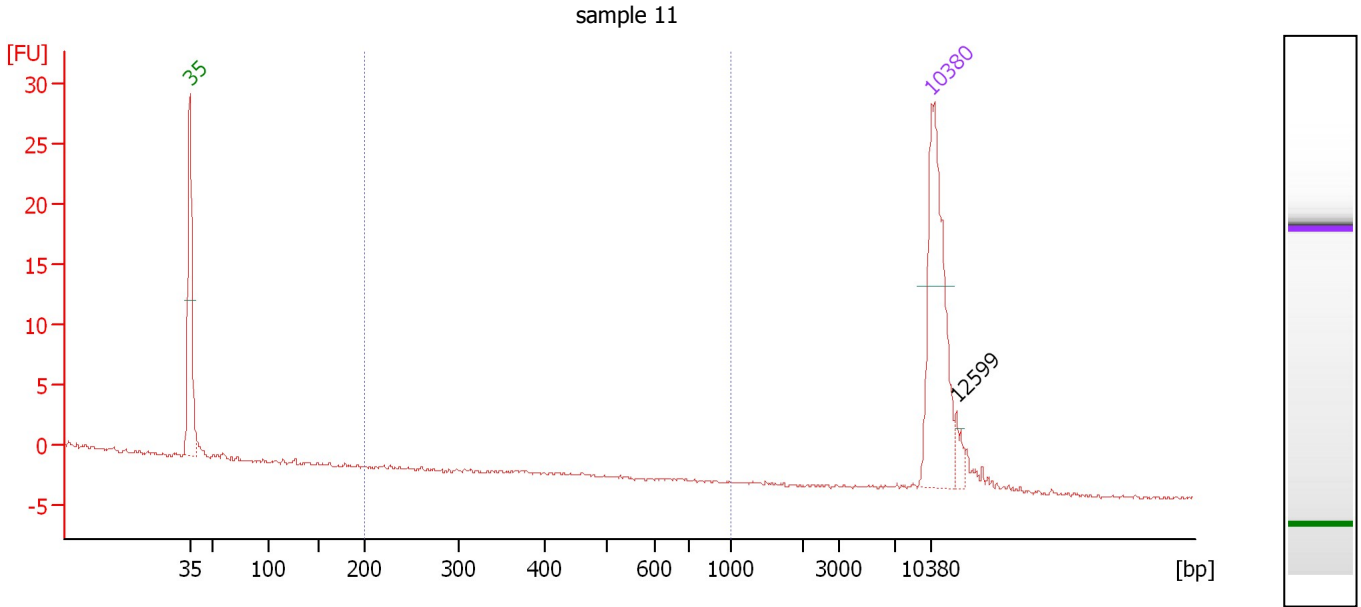
Region table for sample 10 : NPC10 methylseq lib 14cyc 1:5

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	346	1,000	1,612.8	20,071.1	67	44.0	3,835.67	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 1 Corr. Area 1: 0.0
 Noise: 0.1

Peak table for sample 11 : sample 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	10,380	75.00	10.9	Upper Marker	113.00
3	12,599	0.00	0.0		115.31

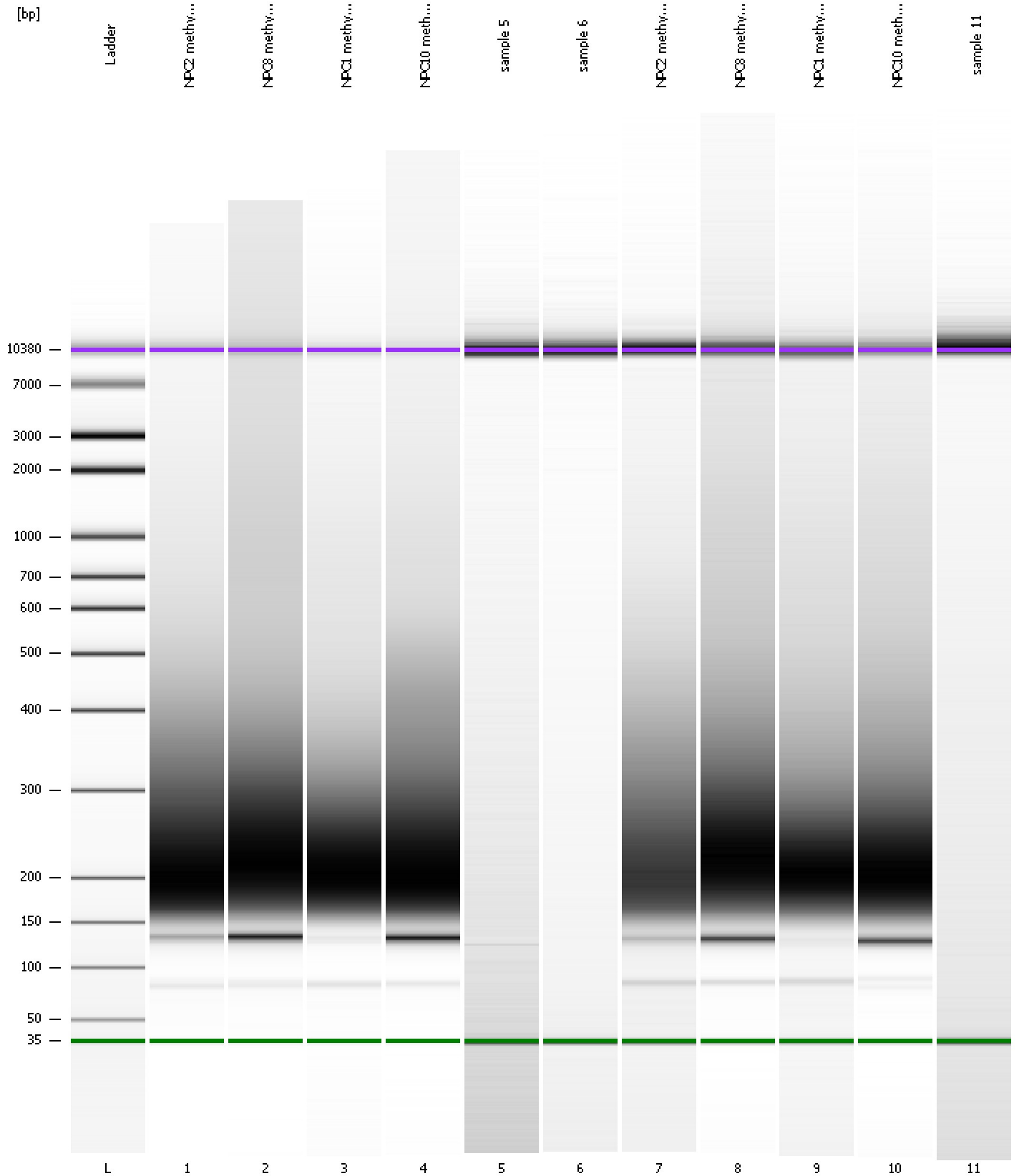
Region table for sample 11 : sample 11

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	0	1,000	0.0	0.0	0	0.0	0.00	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
Modified: 4/6/2015 4:02:50 PM

Gel Image

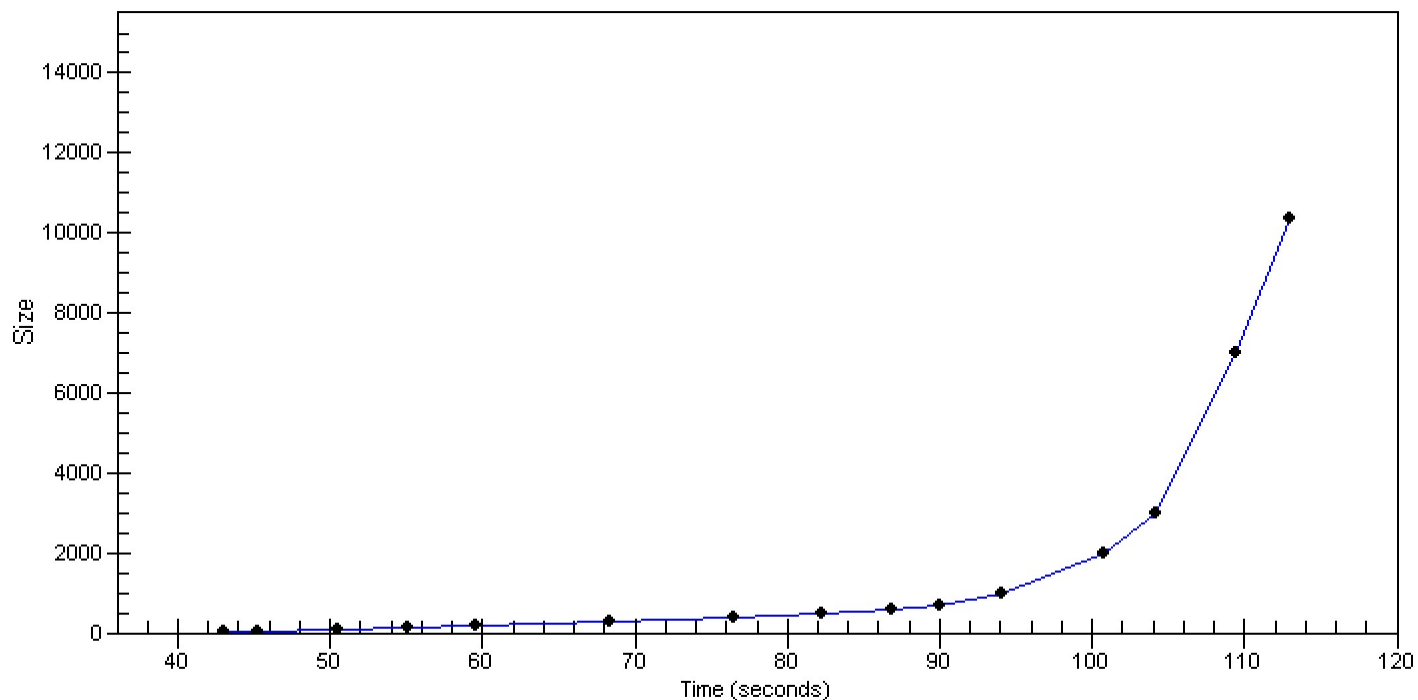


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
Modified: 4/6/2015 4:02:50 PM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad

Created: 4/6/2015 3:12:38 PM
 Modified: 4/6/2015 4:02:50 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		4/6/2015 3:53:55 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2015-04-06\2015-04-06_002.xad)		Instrument	Run		4/6/2015 3:12:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		4/6/2015 3:12:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		4/6/2015 3:12:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		4/6/2015 3:12:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		4/6/2015 3:12:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		4/6/2015 3:12:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		4/6/2015 3:12:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1