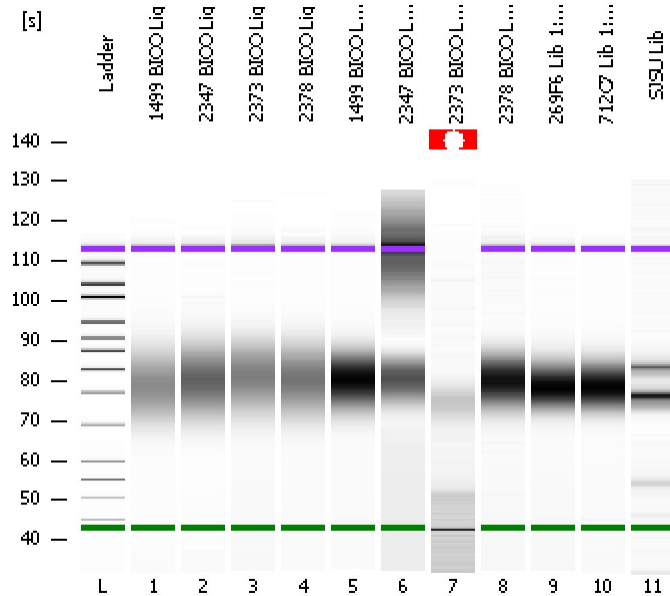


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
Modified: 5/23/2013 1:21:30 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

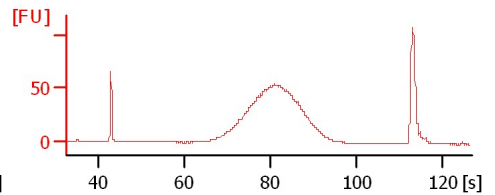
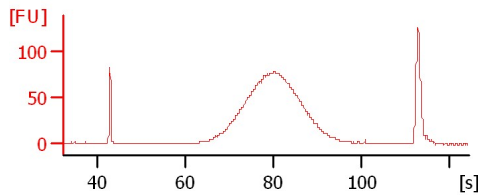
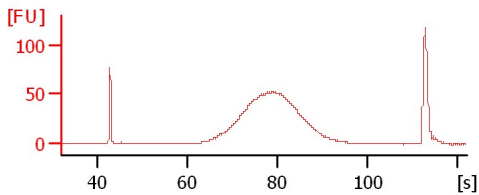
Chip Information:

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

**1499 B100 Lig**

**2347 B100 Lig**

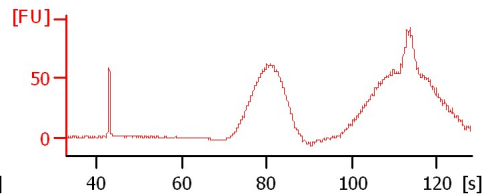
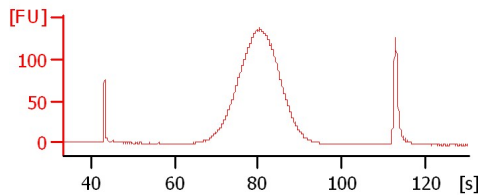
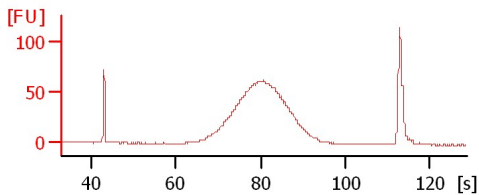
**2373 B100 Lig**



**2378 B100 Lig**

**1499 B100 Lib 1:7**

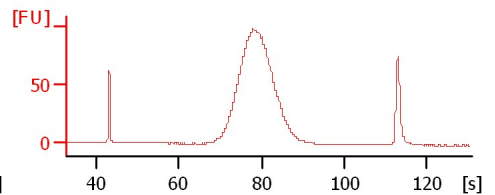
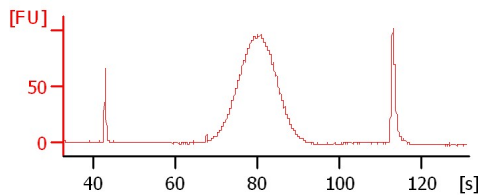
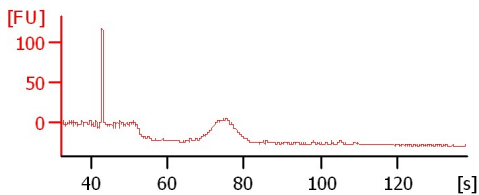
**2347 B100 Lib 1:15**



**2373 B100 Lib 1:25**

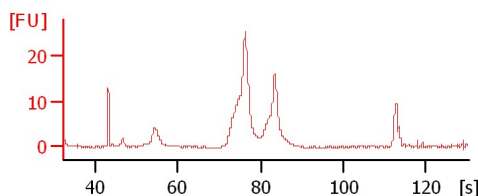
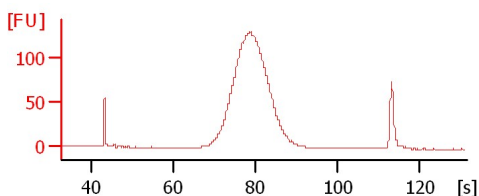
**2378 B100 Lib 1:20**

**269F6 Lib 1:18**



**712C7 Lib 1:12**

**SJSU Lib**



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
Modified: 5/23/2013 1:21:30 PM

**Electrophoresis File Run Summary (Chip Summary)**

| Sample Name        | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|--------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| 1499 B100 Lig      |                | <input type="checkbox"/> | ✓      |             |              |              |
| 2347 B100 Lig      |                | <input type="checkbox"/> | ✓      |             |              |              |
| 2373 B100 Lig      |                | <input type="checkbox"/> | ✓      |             |              |              |
| 2378 B100 Lig      |                | <input type="checkbox"/> | ✓      |             |              |              |
| 1499 B100 Lib 1:7  |                | <input type="checkbox"/> | ✓      |             |              |              |
| 2347 B100 Lib 1:15 |                | <input type="checkbox"/> | ✓      |             |              |              |
| 2373 B100 Lib 1:25 |                | <input type="checkbox"/> | ✓      |             |              |              |
| 2378 B100 Lib 1:20 |                | <input type="checkbox"/> | ✓      |             |              |              |
| 269F6 Lib 1:18     |                | <input type="checkbox"/> | ✓      |             |              |              |
| 712C7 Lib 1:12     |                | <input type="checkbox"/> | ✓      |             |              |              |
| SJSU Lib           |                | <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\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
Modified: 5/23/2013 1:21:30 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/ $\mu$ l] : 1950  
Uses Standard Area for Ladder Fragments  
Lower Marker Concentration [pg/ $\mu$ l] : 125  
Upper Marker Concentration [pg/ $\mu$ 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

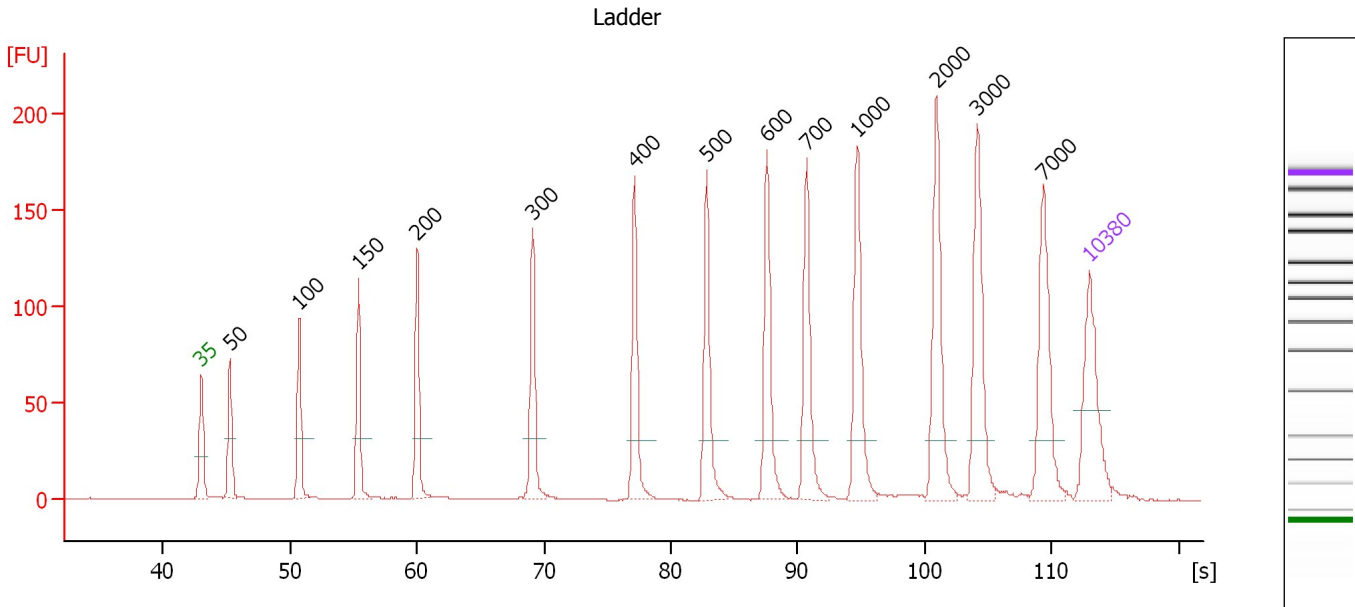
### Ladder

| 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:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.1

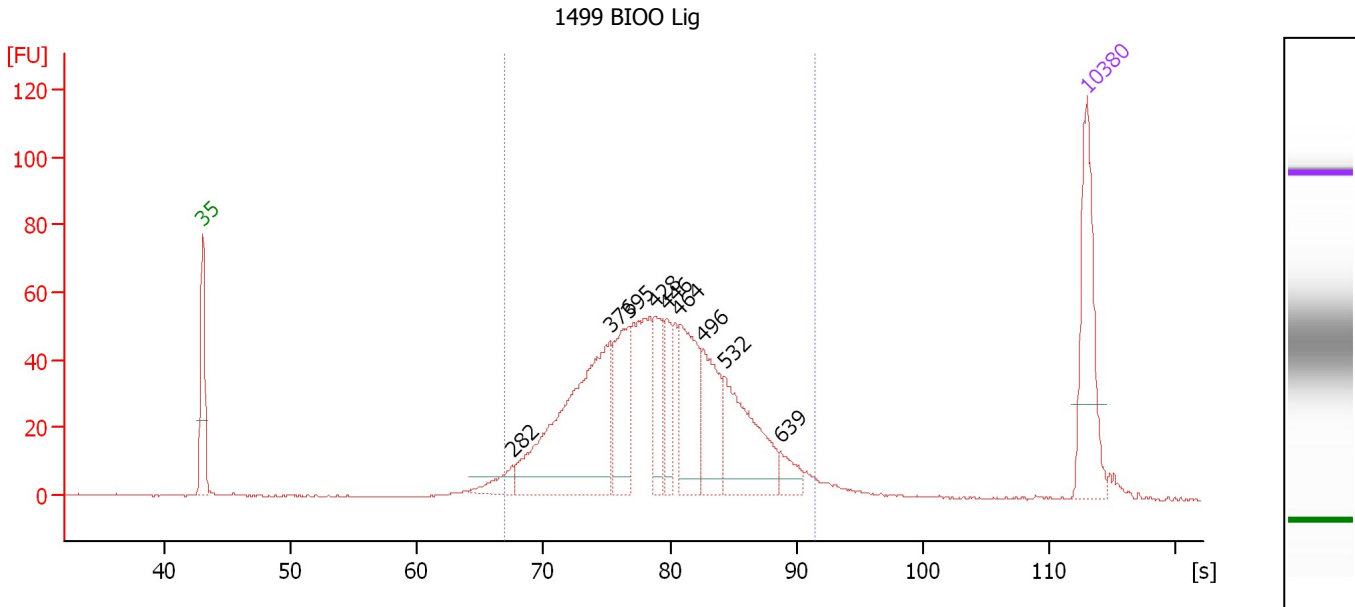
**Peak table for Ladder**

| 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\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 1499 B100 Lig**

Number of peaks found: 9                      Corr. Area 1: 1,040.4  
 Noise: 0.2

**Peak table for sample 1 : 1499 B100 Lig**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 282       | 21.44         | 115.2             |              |
| 3    | 376       | 243.49        | 980.2             |              |
| 4    | 395       | 73.84         | 283.3             |              |
| 5    | 428       | 47.83         | 169.3             |              |
| 6    | 446       | 31.71         | 107.7             |              |
| 7    | 464       | 94.62         | 308.9             |              |
| 8    | 496       | 69.06         | 210.8             |              |
| 9    | 532       | 104.97        | 299.2             |              |
| 10   | 639       | 17.49         | 41.5              |              |
| 11   | 10,380    | 75.00         | 10.9              | Upper Marker |

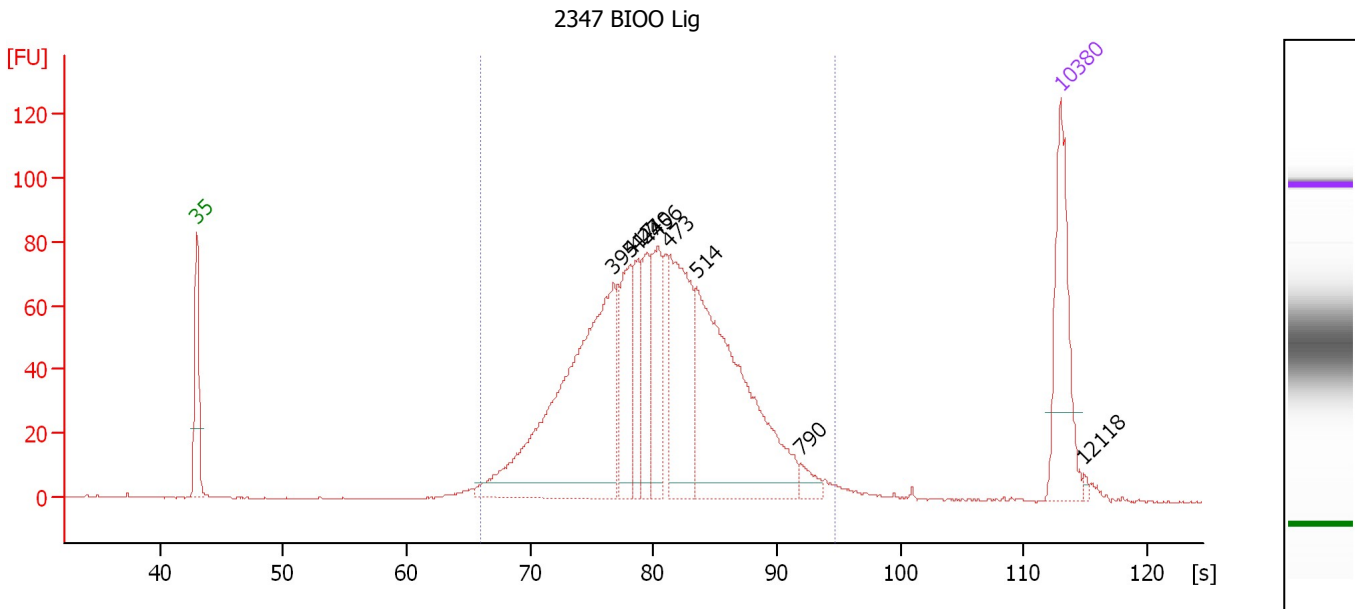
**Region table for sample 1 : 1499 B100 Lig**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 276       | 763     | 441               | 3,205.7           | 881.30        | 1,040.4    | 96         | 20.7                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 2347 B100 Lig**

Number of peaks found: 9      Corr. Area 1: 1,525.3  
 Noise: 0.2

**Peak table for sample 2 : 2347 B100 Lig**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 395       | 342.62        | 1,313.0           |              |
| 3    | 417       | 72.86         | 264.6             |              |
| 4    | 427       | 50.40         | 178.7             |              |
| 5    | 440       | 54.35         | 187.0             |              |
| 6    | 456       | 70.52         | 234.1             |              |
| 7    | 473       | 140.69        | 450.4             |              |
| 8    | 514       | 281.91        | 831.1             |              |
| 9    | 790       | 11.51         | 22.1              |              |
| 10   | 10,380    | 75.00         | 10.9              | Upper Marker |
| 11   | 12,118    | 0.00          | 0.0               |              |

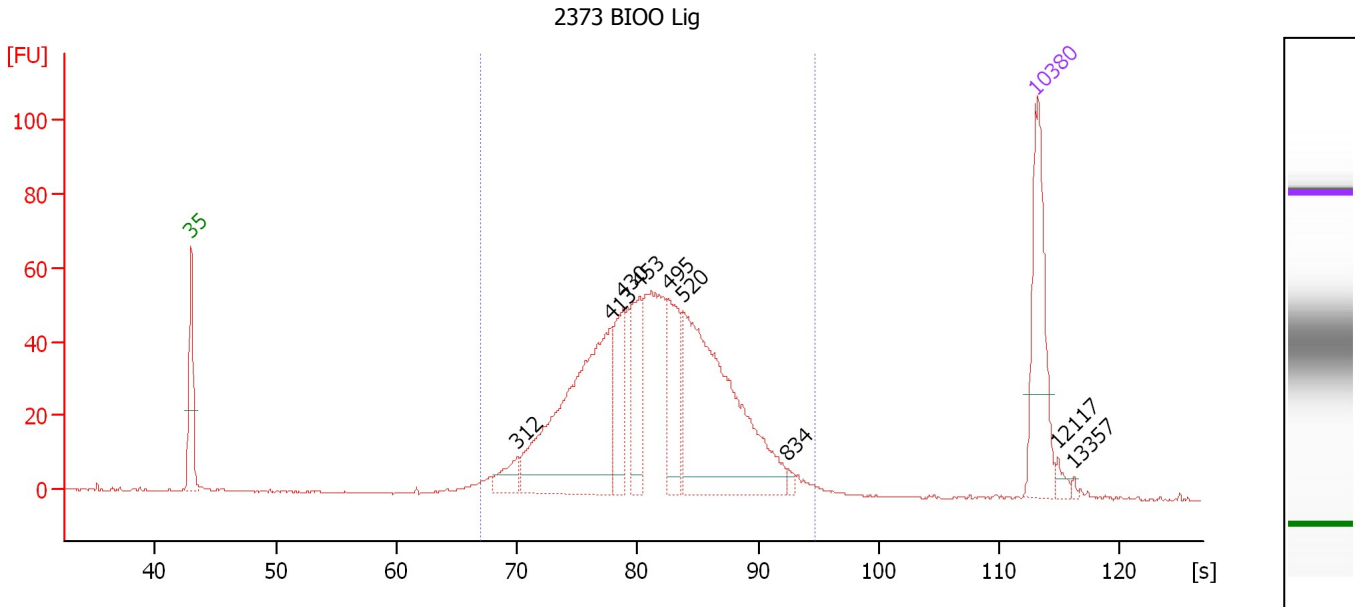
**Region table for sample 2 : 2347 B100 Lig**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 266       | 1,000   | 468               | 3,856.4           | 1,107.65      | 1,525.3    | 97         | 24.0                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 2373 B100 Lig**

Number of peaks found: 9                      Corr. Area 1: 1,017.9  
 Noise: 0.2

**Peak table for sample 3 : 2373 B100 Lig**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 312       | 23.45         | 113.9             |              |
| 3    | 413       | 245.98        | 903.4             |              |
| 4    | 430       | 62.82         | 221.4             |              |
| 5    | 453       | 61.61         | 205.9             |              |
| 6    | 495       | 66.20         | 202.6             |              |
| 7    | 520       | 260.74        | 759.2             |              |
| 8    | 834       | 3.96          | 7.2               |              |
| 9    | 10,380    | 75.00         | 10.9              | Upper Marker |
| 10   | 12,117    | 0.00          | 0.0               |              |
| 11   | 13,357    | 0.00          | 0.0               |              |

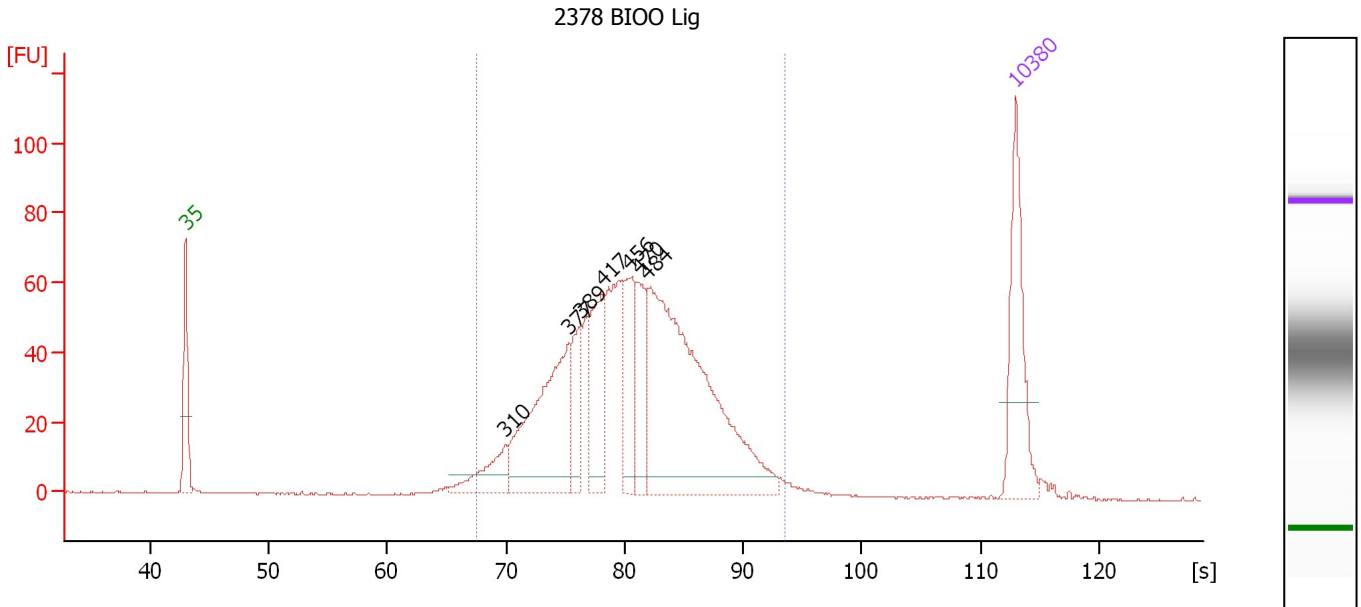
**Region table for sample 3 : 2373 B100 Lig**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 277       | 1,000   | 484               | 2,988.1           | 891.35        | 1,017.9    | 97         | 23.1                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 2378 B100 Lig**

Number of peaks found: 7      Corr. Area 1: 1,159.3  
 Noise: 0.2

**Peak table for sample 4 : 2378 B100 Lig**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 310       | 45.77         | 223.5             |              |
| 3    | 377       | 179.73        | 721.8             |              |
| 4    | 389       | 49.56         | 193.2             |              |
| 5    | 417       | 84.30         | 306.6             |              |
| 6    | 456       | 80.02         | 265.6             |              |
| 7    | 470       | 59.43         | 191.6             |              |
| 8    | 484       | 370.71        | 1,159.6           |              |
| 9    | 10,380    | 75.00         | 10.9              | Upper Marker |

**Region table for sample 4 : 2378 B100 Lig**

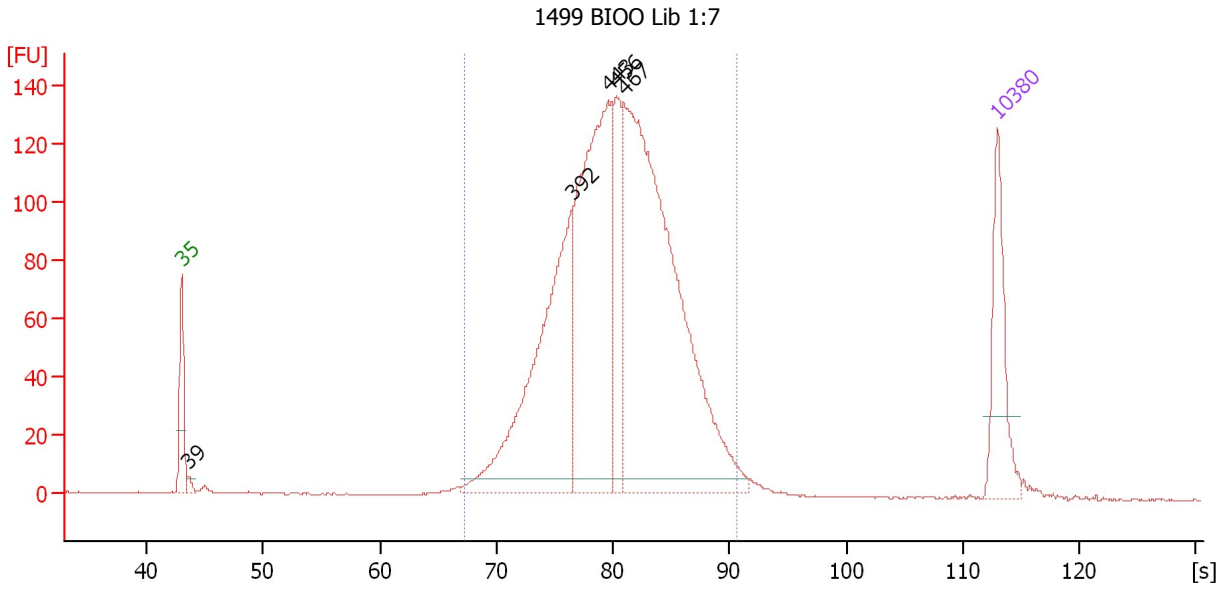
| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 282       | 913     | 468               | 3,395.0           | 985.22        | 1,159.3    | 97         | 22.0                        | Blue  |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : 1499 B100 Lib 1:7**

Number of peaks found: 5                      Corr. Area 1: 2,077.0  
 Noise: 0.2

**Peak table for sample 5 : 1499 B100 Lib 1:7**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 39        | 7.30          | 283.4             |              |
| 3    | 392       | 370.19        | 1,430.1           |              |
| 4    | 443       | 413.35        | 1,415.2           |              |
| 5    | 456       | 106.86        | 355.4             |              |
| 6    | 467       | 696.28        | 2,259.5           |              |
| 7    | 10,380    | 75.00         | 10.9              | Upper Marker |

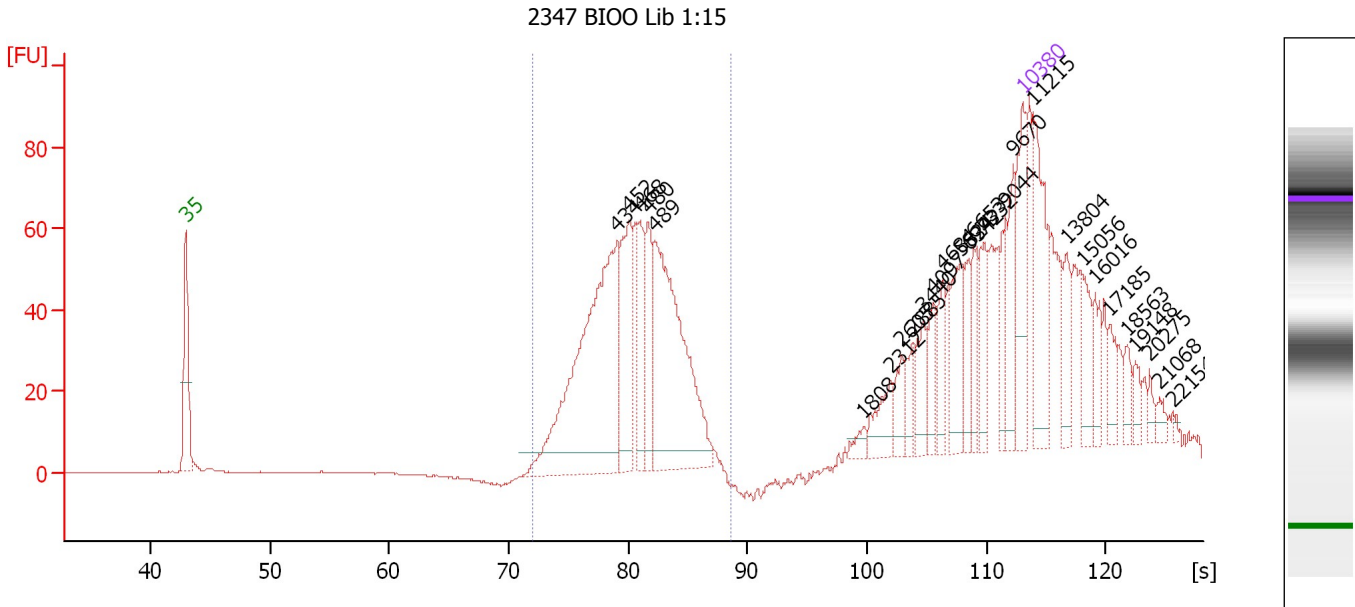
**Region table for sample 5 : 1499 B100 Lib 1:7**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 281       | 699     | 459               | 5,550.6           | 1,616.56      | 2,077.0    | 98         | 17.0                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : 2347 B100 Lib 1:15**

Number of peaks found: 28                      Corr. Area 1: 633.5  
 Noise: 0.1

**Peak table for sample 6 : 2347 B100 Lib 1:15**

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 434       | 460.94        | 1,610.8           |              |
| 3    | 452       | 130.90        | 439.0             |              |
| 4    | 468       | 86.56         | 280.0             |              |
| 5    | 480       | 88.81         | 280.6             |              |
| 6    | 489       | 341.13        | 1,056.9           |              |
| 7    | 1,808     | 11.57         | 9.7               |              |
| 8    | 2,312     | 35.94         | 23.6              |              |
| 9    | 2,605     | 24.99         | 14.5              |              |
| 10   | 2,885     | 24.94         | 13.1              |              |
| 11   | 3,440     | 35.67         | 15.7              |              |
| 12   | 4,097     | 31.97         | 11.8              |              |
| 13   | 4,684     | 36.23         | 11.7              |              |
| 14   | 5,824     | 59.51         | 15.5              |              |
| 15   | 6,342     | 32.57         | 7.8               |              |
| 16   | 6,653     | 36.67         | 8.4               |              |
| 17   | 7,332     | 45.25         | 9.3               |              |
| 18   | 9,044     | 34.56         | 5.8               |              |
| 19   | 9,670     | 55.61         | 8.7               |              |
| 20   | 10,380    | 75.00         | 10.9              | Upper Marker |
| 21   | 11,215    | 0.00          | 0.0               |              |
| 22   | 13,804    | 0.00          | 0.0               |              |
| 23   | 15,056    | 0.00          | 0.0               |              |
| 24   | 16,016    | 0.00          | 0.0               |              |
| 25   | 17,185    | 0.00          | 0.0               |              |
| 26   | 18,563    | 0.00          | 0.0               |              |


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...****... Peak table for sample 6 : 2347 B100 Lib 1:15**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27   | 19,148    | 0.00          | 0.0               |              |
| 28   | 20,275    | 0.00          | 0.0               |              |
| 29   | 21,068    | 0.00          | 0.0               |              |
| 30   | 22,154    | 0.00          | 0.0               |              |

**Region table for sample 6 : 2347 B100 Lib 1:15**

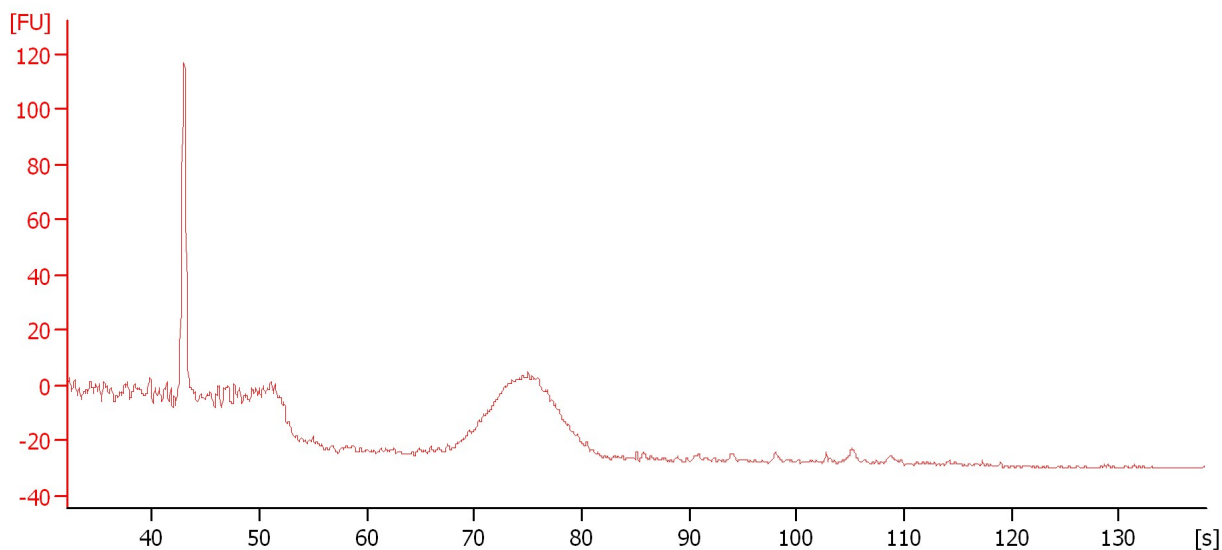
| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color   |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|---|
| 337       | 632     | 457               | 3,490.8           | 1,036.71      | 633.5      | 44         | 11.6                        |  |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**

2373 B100 Lib 1:25



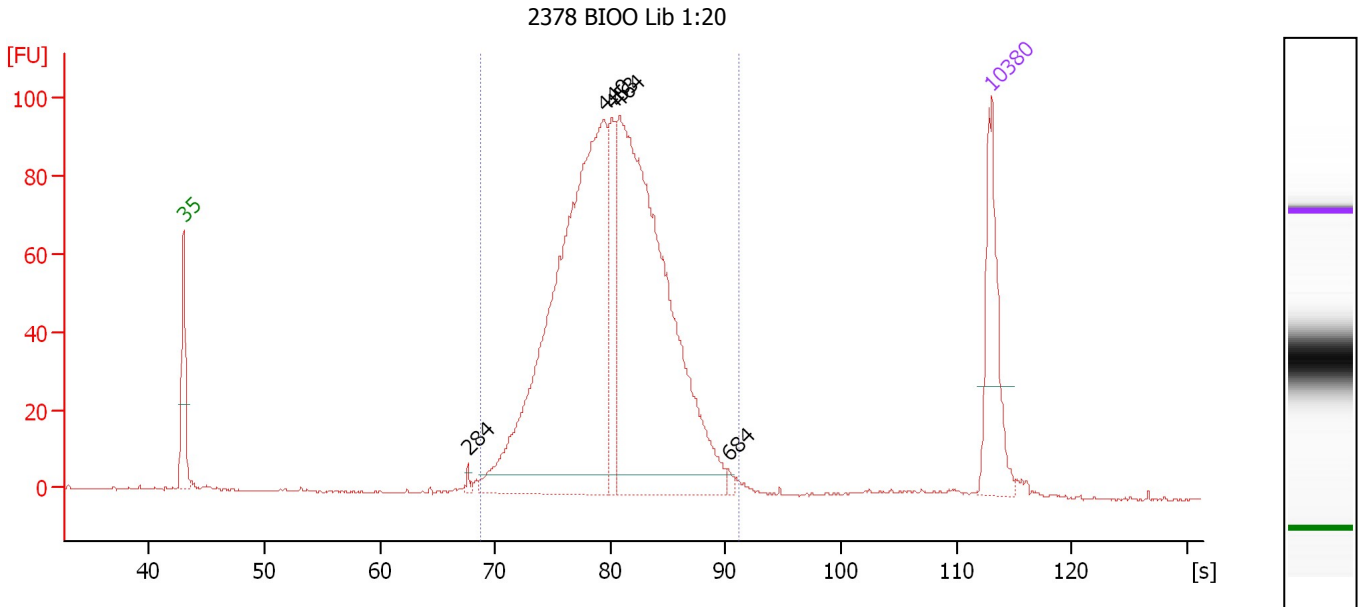
**Overall Results for sample 7 : 2373 B100 Lib 1:25**

Noise: 0.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : 2378 B100 Lib 1:20**

Number of peaks found: 5                      Corr. Area 1: 1,380.2  
 Noise: 0.2

**Peak table for sample 8 : 2378 B100 Lib 1:20**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 284       | 4.16          | 22.2              |              |
| 3    | 440       | 641.96        | 2,208.8           |              |
| 4    | 453       | 77.67         | 260.0             |              |
| 5    | 464       | 600.00        | 1,958.5           |              |
| 6    | 684       | 4.22          | 9.3               |              |
| 7    | 10,380    | 75.00         | 10.9              | Upper Marker |

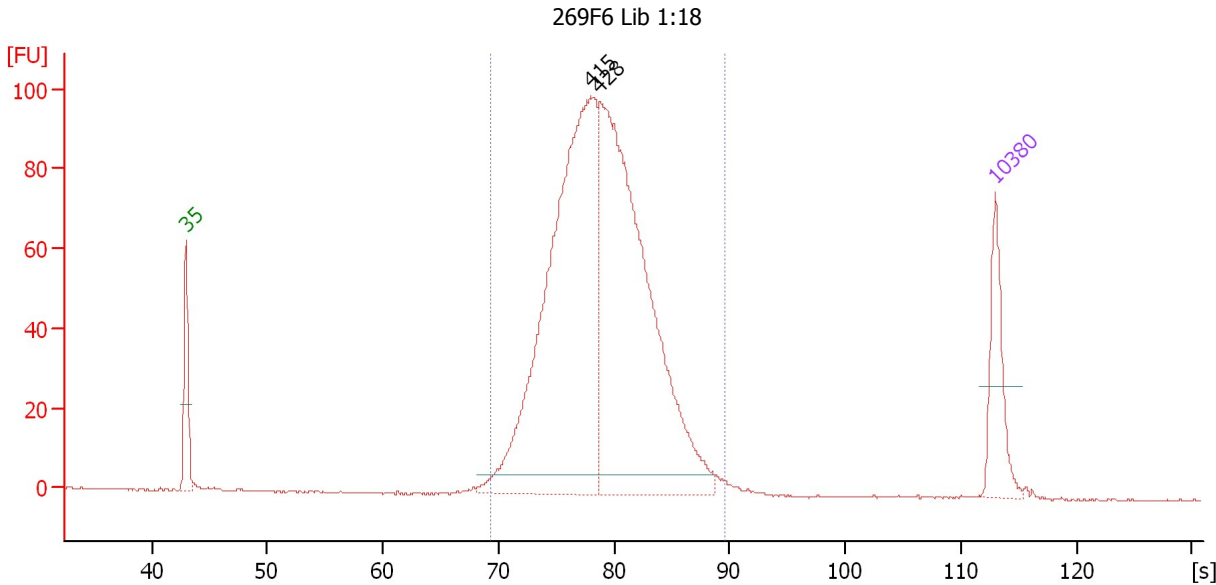
**Region table for sample 8 : 2378 B100 Lib 1:20**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 296       | 735     | 457               | 4,561.3           | 1,328.97      | 1,380.2    | 97         | 16.2                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : 269F6 Lib 1:18**

Number of peaks found: 2                      Corr. Area 1: 1,271.2  
 Noise: 0.1

**Peak table for sample 9 : 269F6 Lib 1:18**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 415       | 829.75        | 3,032.9           |              |
| 3    | 428       | 812.78        | 2,879.8           |              |
| 4    | 10,380    | 75.00         | 10.9              | Upper Marker |

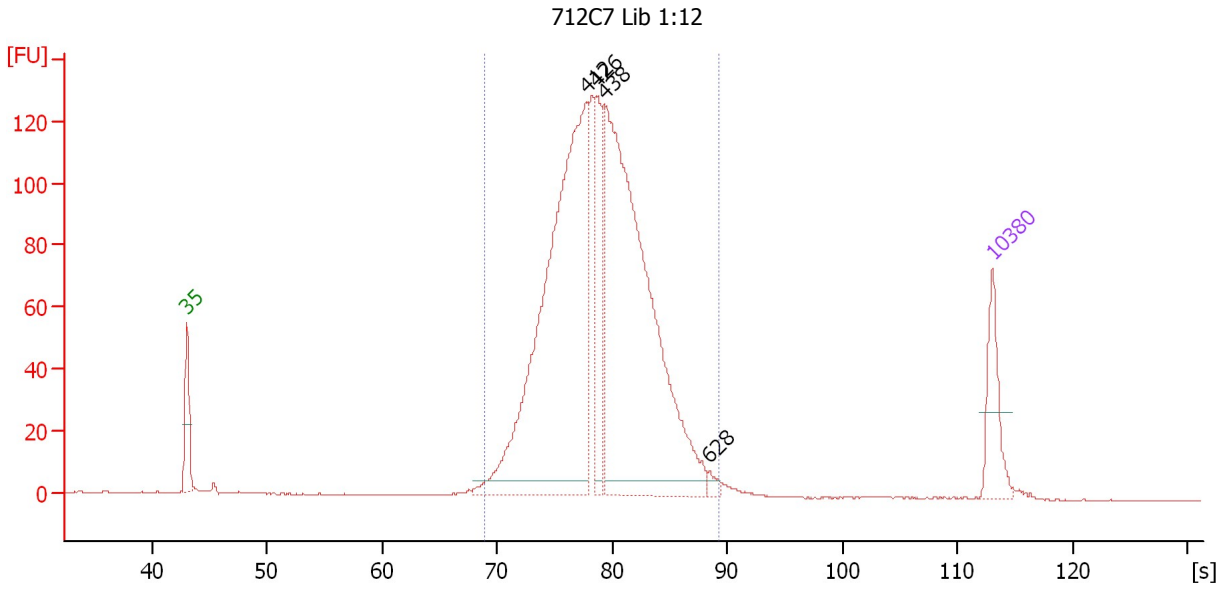
**Region table for sample 9 : 269F6 Lib 1:18**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 304       | 662     | 434               | 5,920.8           | 1,654.53      | 1,271.2    | 98         | 14.5                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : 712C7 Lib 1:12**

Number of peaks found: 4                      Corr. Area 1: 1,661.8  
 Noise: 0.2

**Peak table for sample 10 : 712C7 Lib 1:12**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 412       | 1,006.30      | 3,704.0           |              |
| 3    | 426       | 154.68        | 550.6             |              |
| 4    | 438       | 1,011.20      | 3,498.3           |              |
| 5    | 628       | 10.96         | 26.4              |              |
| 6    | 10,380    | 75.00         | 10.9              | Upper Marker |

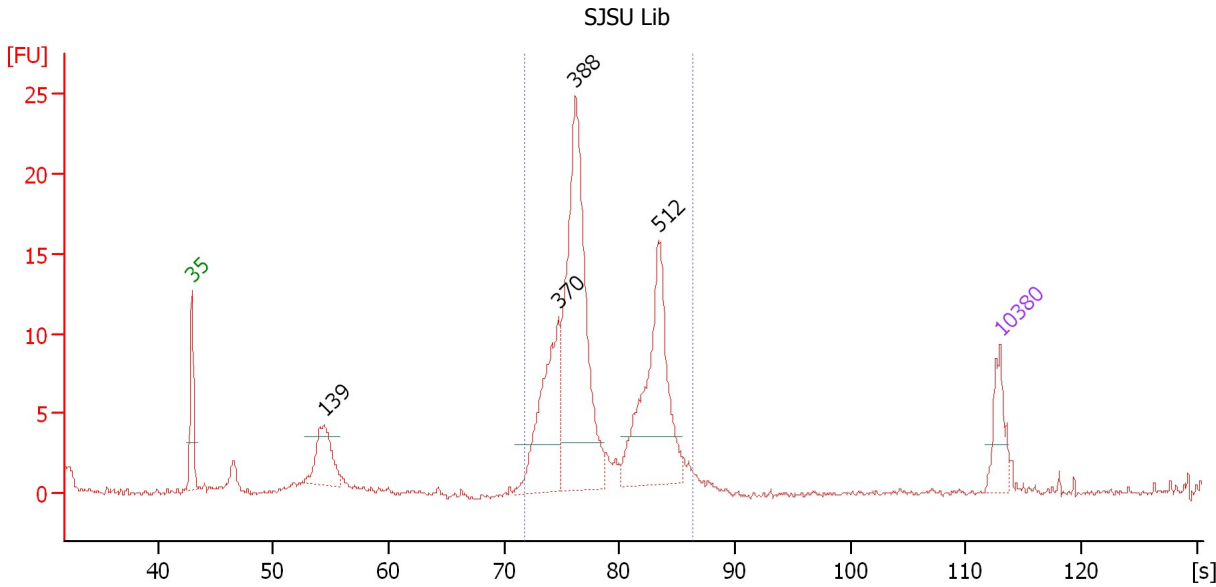
**Region table for sample 10 : 712C7 Lib 1:12**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 298       | 656     | 434               | 8,478.6           | 2,367.07      | 1,661.8    | 98         | 14.5                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 11 : SJSU Lib**

Height Threshold [FU] : 3

**Overall Results for sample 11 : SJSU Lib**

Number of peaks found: 4                      Corr. Area 1: 131.3  
 Noise: 0.2

**Peak table for sample 11 : SJSU Lib**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 139       | 190.45        | 2,071.4           |              |
| 3    | 370       | 352.98        | 1,446.5           |              |
| 4    | 388       | 750.49        | 2,928.7           |              |
| 5    | 512       | 474.79        | 1,406.3           |              |
| 6    | 10,380    | 75.00         | 10.9              | Upper Marker |

**Region table for sample 11 : SJSU Lib**

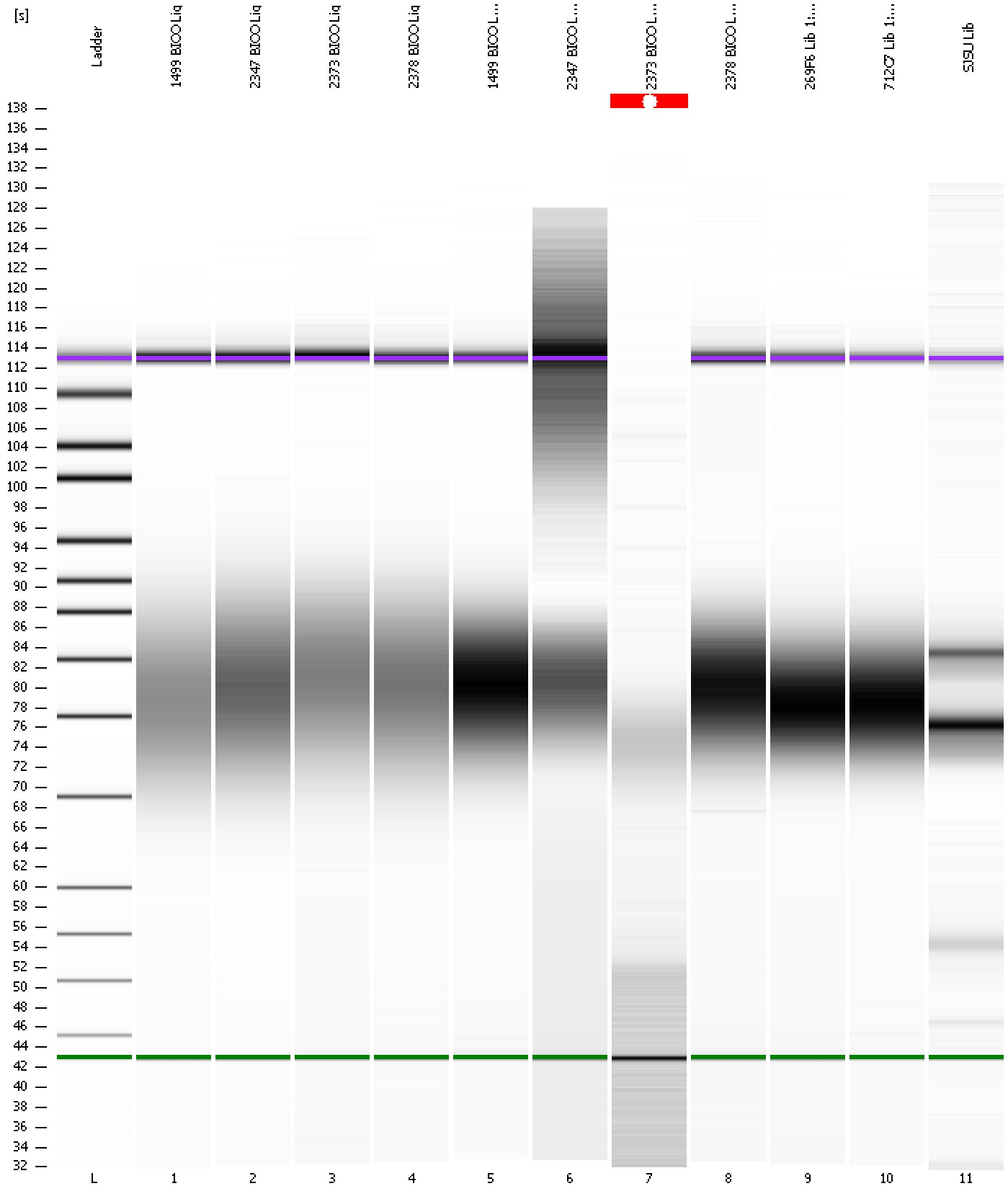
| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 333       | 574     | 426               | 5,756.4           | 1,574.97      | 131.3      | 90         | 14.7                        | Blue  |



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
Modified: 5/23/2013 1:21:30 PM

Gel Image



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23\_002.xad

Created: 5/23/2013 12:37:35 PM  
 Modified: 5/23/2013 1:21:30 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      |              | 5/23/2013 1:18:53 PM  | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-05-23\2013-05-23_002.xad) |        | Instrument | Run      |              | 5/23/2013 12:37:40 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B   |        | Instrument | Run      |              | 5/23/2013 12:37:40 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name :  |        | Instrument | Run      |              | 5/23/2013 12:37:40 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies   |        | Instrument | Run      |              | 5/23/2013 12:37:40 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086  |        | Instrument | Run      |              | 5/23/2013 12:37:40 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069   |        | Instrument | Run      |              | 5/23/2013 12:37:40 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode   |        | Instrument | Run      |              | 5/23/2013 12:37:40 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |