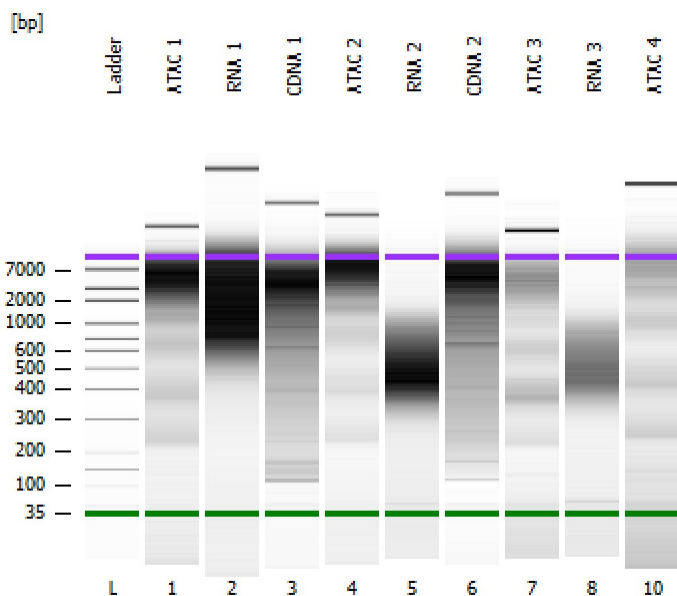


Assay Class: High Sensitivity DNA Assay  
Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
Modified: 30/03/2021 13:46:57

### Electrophoresis File Run Summary



#### Instrument Information:

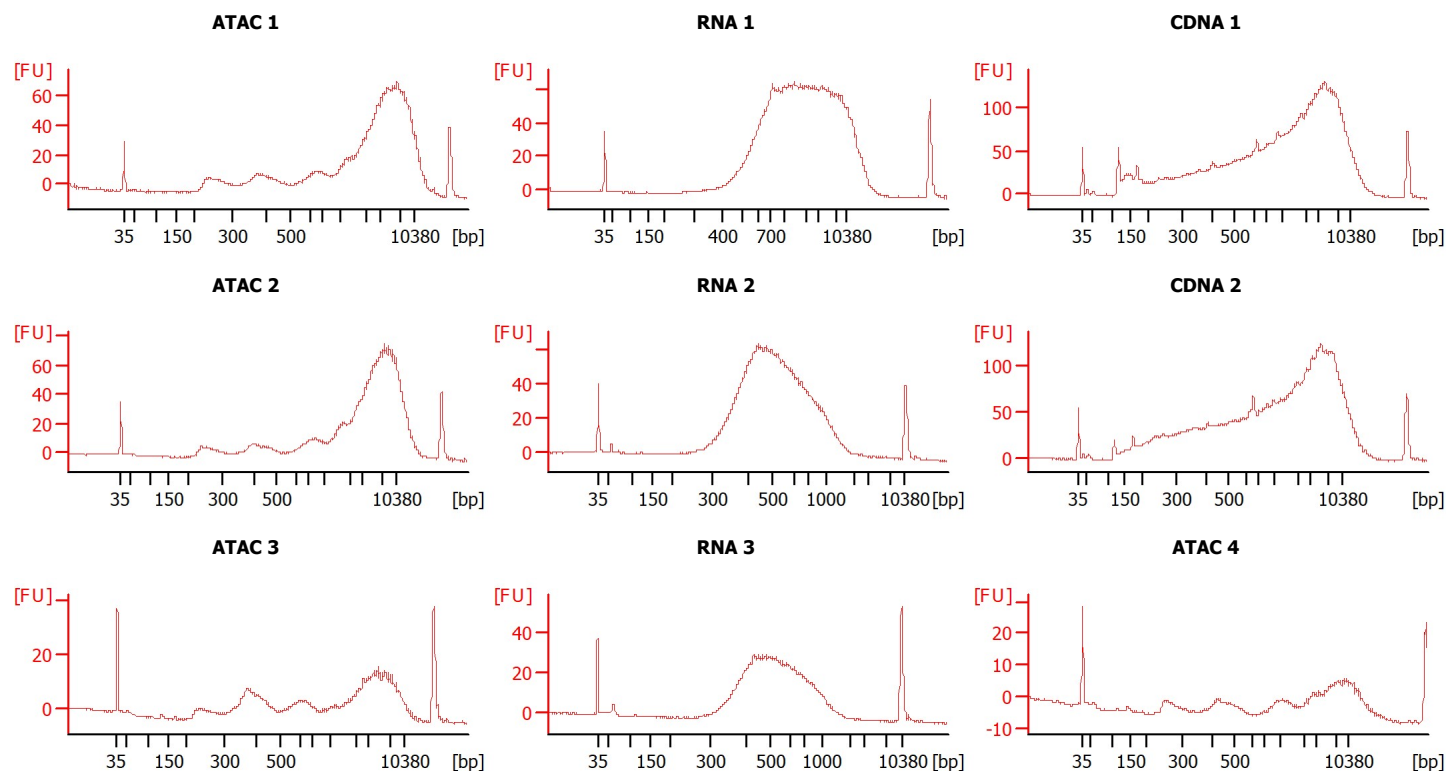
Instrument Name: DEDAE01844      Firmware: C.01.069  
Serial#: DEDAE01844      Type: G2939B

#### Assay Information:

Assay Origin Path: C:\Program Files (x86)\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: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
Modified: 30/03/2021 13:46:57

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

| Sample Name | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|-------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| ATAC 1      |                | <input type="checkbox"/> | ✓      |             |              |              |
| RNA 1       |                | <input type="checkbox"/> | ✓      |             |              |              |
| CDNA 1      |                | <input type="checkbox"/> | ✓      |             |              |              |
| ATAC 2      |                | <input type="checkbox"/> | ✓      |             |              |              |
| RNA 2       |                | <input type="checkbox"/> | ✓      |             |              |              |
| CDNA 2      |                | <input type="checkbox"/> | ✓      |             |              |              |
| ATAC 3      |                | <input type="checkbox"/> | ✓      |             |              |              |
| RNA 3       |                | <input type="checkbox"/> | ✓      |             |              |              |
| ATAC 4      |                | <input type="checkbox"/> | ✓      |             |              |              |
| Ladder      |                | <input type="checkbox"/> | ✓      |             |              |              |

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

Assay Class: High Sensitivity DNA Assay  
Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
Modified: 30/03/2021 13:46:57

## 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

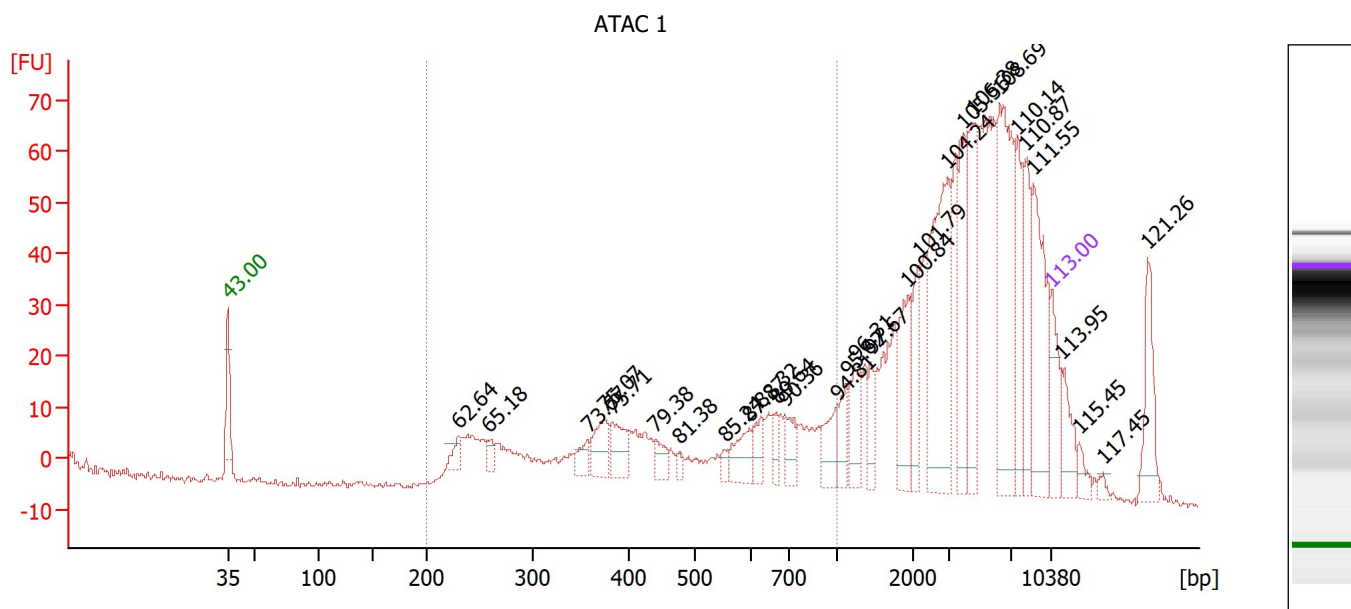
### Ladder

| 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: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

### Electropherogram Summary



### Overall Results for sample 1 : ATAC 1

Number of peaks found: 29      Corr. Area 1: 352.4  
 Noise: 0.7

### Peak table for sample 1 : ATAC 1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 230       | 38.12         | 251.3             |              |
| 3    | 258       | 30.99         | 182.1             |              |
| 4    | 358       | 39.29         | 166.3             |              |
| 5    | 375       | 81.53         | 329.1             |              |
| 6    | 383       | 77.22         | 305.3             |              |
| 7    | 441       | 36.26         | 124.7             |              |
| 8    | 476       | 14.69         | 46.8              |              |
| 9    | 551       | 16.33         | 44.9              |              |
| 10   | 596       | 70.32         | 178.9             |              |
| 11   | 623       | 43.21         | 105.1             |              |
| 12   | 664       | 31.75         | 72.4              |              |
| 13   | 687       | 57.26         | 126.4             |              |
| 14   | 993       | 58.84         | 89.8              |              |
| 15   | 1,113     | 50.46         | 68.7              |              |
| 16   | 1,221     | 73.47         | 91.2              |              |
| 17   | 1,437     | 42.15         | 44.5              |              |
| 18   | 1,939     | 122.19        | 95.5              |              |
| 19   | 2,177     | 82.51         | 57.4              |              |
| 20   | 2,938     | 303.18        | 156.3             |              |
| 21   | 3,856     | 131.40        | 51.6              |              |
| 22   | 4,483     | 189.68        | 64.1              |              |
| 23   | 6,257     | 303.37        | 73.5              |              |
| 24   | 7,489     | 102.41        | 20.7              |              |
| 25   | 8,223     | 94.67         | 17.4              |              |
| 26   | 8,911     | 207.10        | 35.2              |              |

Assay Class: High Sensitivity DNA Assay  
Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
Modified: 30/03/2021 13:46:57

**Electropherogram Summary Continued ...****... Peak table for sample 1 : ATAC 1**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27   | 10,380    | 75.00         | 10.9              | Upper Marker |
| 28   | 11,344    | 0.00          | 0.0               |              |
| 29   | 12,858    | 0.00          | 0.0               |              |
| 30   | 14,878    | 0.00          | 0.0               |              |
| 31   | 18,733    | 0.00          | 0.0               |              |

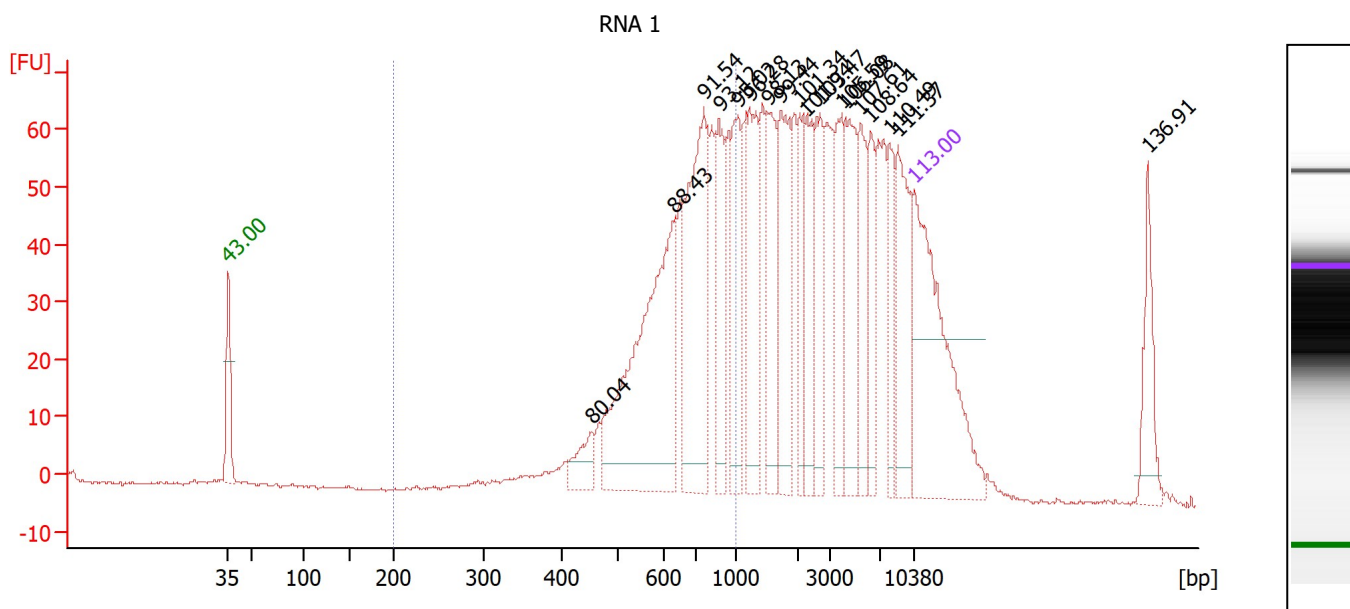
**Region table for sample 1 : ATAC 1**

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color   |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|---|
| 200       | 1,000   | 352.4      | 28         | 520               | 40.1                        | 1,339.92      | 5,002.2           |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

### Electropherogram Summary Continued ...



### Overall Results for sample 2 : RNA 1

Number of peaks found: 18      Corr. Area 1: 635.1  
 Noise: 0.2

### Peak table for sample 2 : RNA 1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 452       | 13.61         | 45.6              |              |
| 3    | 627       | 124.26        | 300.5             |              |
| 4    | 754       | 88.81         | 178.4             |              |
| 5    | 869       | 34.87         | 60.8              |              |
| 6    | 1,018     | 38.31         | 57.0              |              |
| 7    | 1,216     | 41.24         | 51.4              |              |
| 8    | 1,510     | 34.12         | 34.2              |              |
| 9    | 1,717     | 38.93         | 34.4              |              |
| 10   | 2,037     | 19.38         | 14.4              |              |
| 11   | 2,223     | 24.97         | 17.0              |              |
| 12   | 2,697     | 27.61         | 15.5              |              |
| 13   | 3,880     | 24.42         | 9.5               |              |
| 14   | 4,256     | 34.12         | 12.1              |              |
| 15   | 5,426     | 24.76         | 6.9               |              |
| 16   | 6,220     | 20.20         | 4.9               |              |
| 17   | 7,845     | 17.89         | 3.5               |              |
| 18   | 8,727     | 35.02         | 6.1               |              |
| 19   | 10,380    | 75.00         | 10.9              | Upper Marker |
| 20   | 34,573    | 0.00          | 0.0               |              |

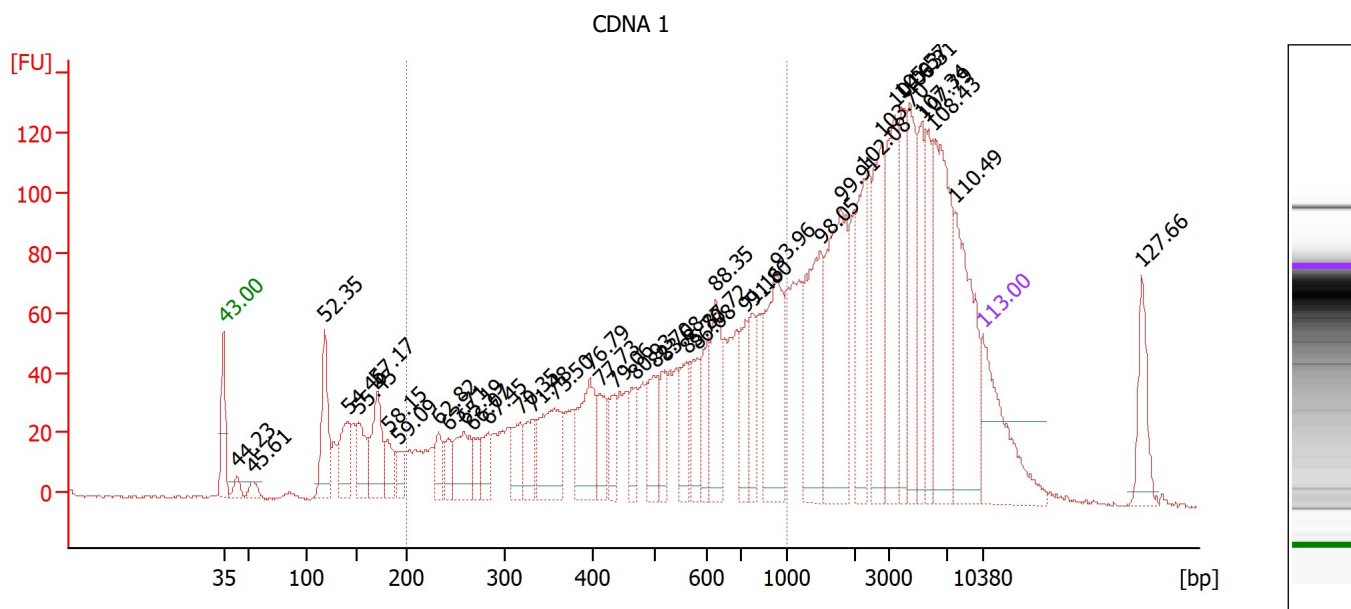
### Region table for sample 2 : RNA 1

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200       | 1,000   | 635.1      | 38         | 690               | 23.1                        | 363.97        | 862.2             | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

### Electropherogram Summary Continued ...



### Overall Results for sample 3 : CDNA 1

Number of peaks found: 41      Corr. Area 1: 1,544.2  
 Noise: 0.3

### Peak table for sample 3 : CDNA 1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 43        | 12.41         | 436.4             |              |
| 3    | 53        | 11.57         | 330.8             |              |
| 4    | 118       | 83.37         | 1,073.1           |              |
| 5    | 140       | 56.66         | 611.1             |              |
| 6    | 151       | 51.64         | 517.9             |              |
| 7    | 170       | 67.95         | 606.4             |              |
| 8    | 180       | 29.30         | 246.0             |              |
| 9    | 191       | 21.10         | 167.7             |              |
| 10   | 232       | 27.00         | 176.5             |              |
| 11   | 242       | 21.43         | 134.4             |              |
| 12   | 258       | 52.49         | 308.4             |              |
| 13   | 268       | 18.25         | 103.3             |              |
| 14   | 283       | 25.44         | 136.3             |              |
| 15   | 317       | 34.85         | 166.7             |              |
| 16   | 331       | 33.98         | 155.6             |              |
| 17   | 356       | 77.66         | 330.7             |              |
| 18   | 397       | 72.53         | 277.0             |              |
| 19   | 412       | 33.18         | 122.1             |              |
| 20   | 435       | 27.49         | 95.7              |              |
| 21   | 468       | 27.05         | 87.6              |              |
| 22   | 499       | 44.41         | 134.9             |              |
| 23   | 519       | 33.24         | 97.0              |              |
| 24   | 561       | 33.29         | 89.9              |              |
| 25   | 581       | 31.60         | 82.3              |              |
| 26   | 604       | 37.64         | 94.4              |              |

Assay Class: High Sensitivity DNA Assay  
 Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

**Electropherogram Summary Continued ...****... Peak table for sample 3 : CDNA 1**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27   | 624       | 61.41         | 149.0             |              |
| 28   | 727       | 42.72         | 89.1              |              |
| 29   | 773       | 36.76         | 72.0              |              |
| 30   | 931       | 104.12        | 169.5             |              |
| 31   | 1,497     | 96.80         | 98.0              |              |
| 32   | 1,793     | 124.73        | 105.4             |              |
| 33   | 2,266     | 64.61         | 43.2              |              |
| 34   | 2,770     | 77.91         | 42.6              |              |
| 35   | 3,375     | 86.80         | 39.0              |              |
| 36   | 3,866     | 54.56         | 21.4              |              |
| 37   | 4,431     | 68.11         | 23.3              |              |
| 38   | 5,224     | 55.14         | 16.0              |              |
| 39   | 5,563     | 44.15         | 12.0              |              |
| 40   | 6,054     | 127.70        | 32.0              |              |
| 41   | 7,842     | 103.07        | 19.9              |              |
| 42   | 10,380    | 75.00         | 10.9              | Upper Marker |
| 43   | 25,210    | 0.00          | 0.0               |              |

**Region table for sample 3 : CDNA 1**

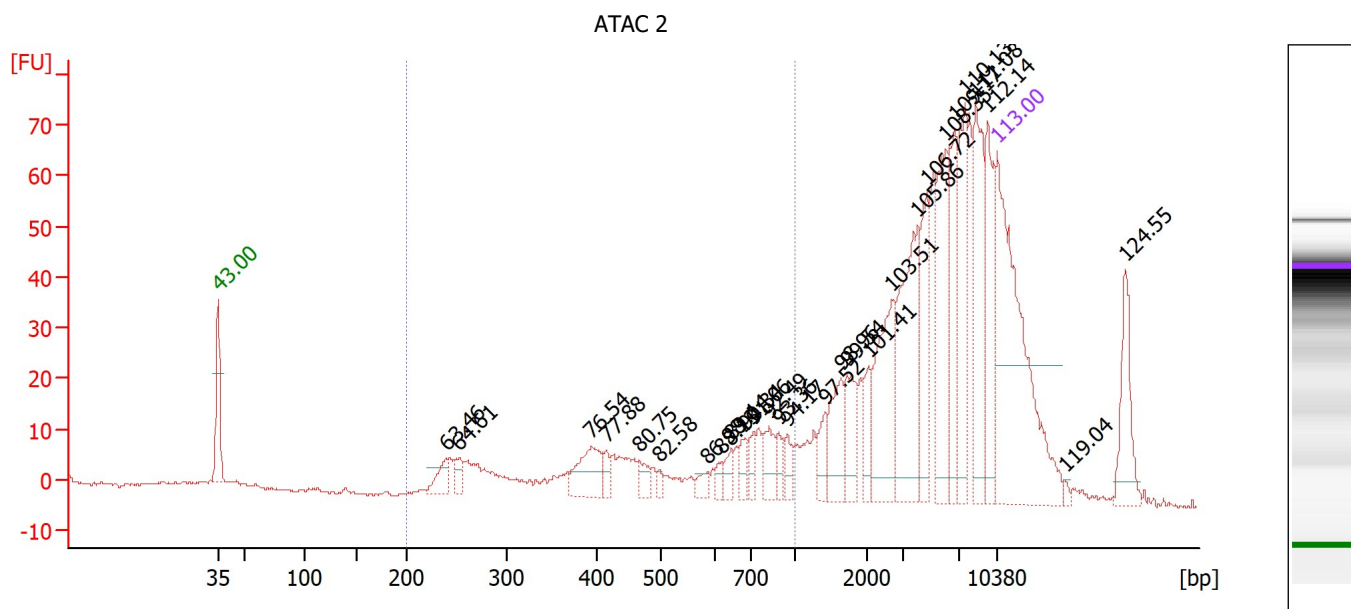
| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color   |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|---|
| 200       | 1,000   | 1,544.2    | 42         | 535               | 38.9                        | 1,279.87      | 4,627.8           |  |



Assay Class: High Sensitivity DNA Assay  
 Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

### Electropherogram Summary Continued ...



### Overall Results for sample 4 : ATAC 2

Number of peaks found: 28  
 Noise: 0.3

Corr. Area 1: 229.3

### Peak table for sample 4 : ATAC 2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 239       | 9.38          | 59.5              |              |
| 3    | 252       | 6.70          | 40.4              |              |
| 4    | 394       | 19.07         | 73.4              |              |
| 5    | 414       | 4.60          | 16.8              |              |
| 6    | 465       | 6.03          | 19.6              |              |
| 7    | 497       | 2.36          | 7.2               |              |
| 8    | 588       | 4.15          | 10.7              |              |
| 9    | 617       | 2.73          | 6.7               |              |
| 10   | 649       | 4.84          | 11.3              |              |
| 11   | 686       | 5.35          | 11.8              |              |
| 12   | 719       | 5.06          | 10.7              |              |
| 13   | 824       | 10.01         | 18.4              |              |
| 14   | 887       | 4.93          | 8.4               |              |
| 15   | 946       | 4.56          | 7.3               |              |
| 16   | 1,414     | 6.81          | 7.3               |              |
| 17   | 1,642     | 15.89         | 14.7              |              |
| 18   | 1,733     | 13.22         | 11.6              |              |
| 19   | 2,056     | 8.94          | 6.6               |              |
| 20   | 2,711     | 32.13         | 18.0              |              |
| 21   | 4,087     | 44.70         | 16.6              |              |
| 22   | 4,749     | 20.81         | 6.6               |              |
| 23   | 5,998     | 32.32         | 8.2               |              |
| 24   | 6,623     | 26.77         | 6.1               |              |
| 25   | 7,472     | 29.15         | 5.9               |              |
| 26   | 8,441     | 34.01         | 6.1               |              |

Assay Class: High Sensitivity DNA Assay  
Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
Modified: 30/03/2021 13:46:57

**Electropherogram Summary Continued ...****... Peak table for sample 4 : ATAC 2**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27   | 9,508     | 24.39         | 3.9               | Upper Marker |
| 28   | 10,380    | 75.00         | 10.9              |              |
| 29   | 16,487    | 0.00          | 0.0               |              |
| 30   | 22,061    | 0.00          | 0.0               |              |

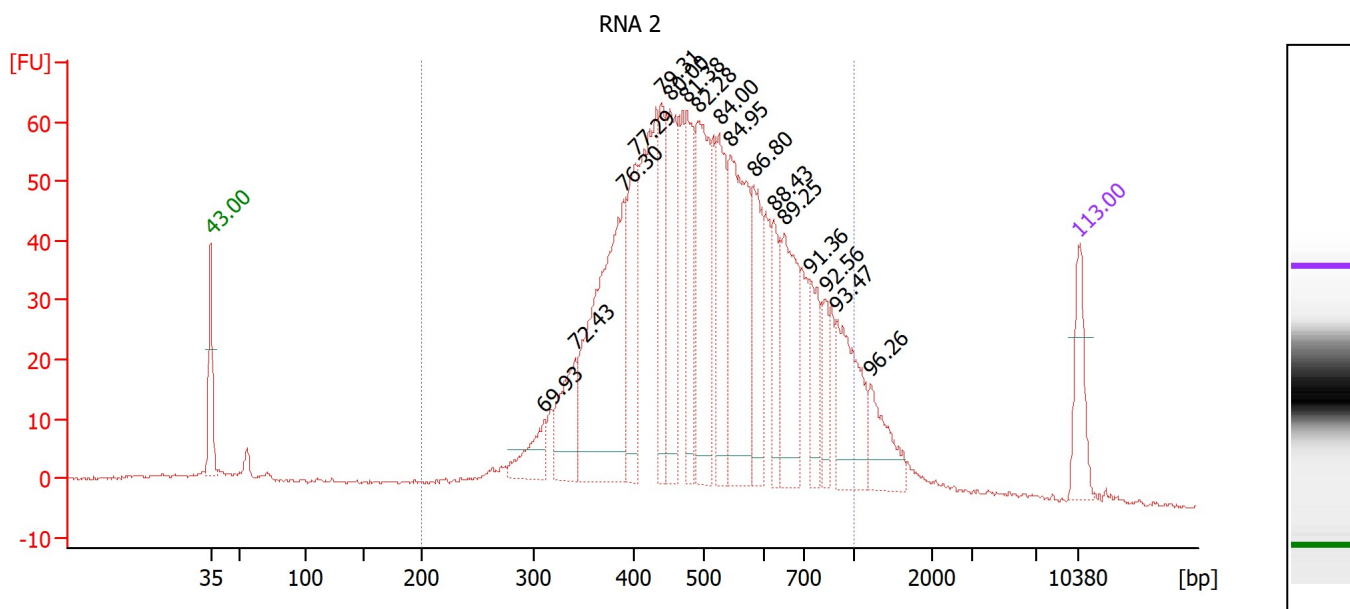
**Region table for sample 4 : ATAC 2**

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color   |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|---|
| 200       | 1,000   | 229.3      | 23         | 546               | 39.7                        | 145.16        | 520.7             |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

### Electropherogram Summary Continued ...



### Overall Results for sample 5 : RNA 2

Number of peaks found: 17  
 Noise: 0.3  
 Corr. Area 1: 1,457.2

### Peak table for sample 5 : RNA 2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 312       | 83.39         | 405.5             |              |
| 3    | 343       | 144.72        | 640.1             |              |
| 4    | 391       | 542.11        | 2,103.1           |              |
| 5    | 404       | 201.80        | 756.8             |              |
| 6    | 439       | 145.18        | 500.6             |              |
| 7    | 452       | 232.42        | 780.0             |              |
| 8    | 476       | 176.90        | 563.5             |              |
| 9    | 491       | 311.24        | 959.5             |              |
| 10   | 526       | 188.63        | 543.7             |              |
| 11   | 545       | 338.12        | 939.4             |              |
| 12   | 584       | 173.51        | 450.3             |              |
| 13   | 627       | 87.82         | 212.3             |              |
| 14   | 652       | 188.96        | 439.1             |              |
| 15   | 741       | 92.91         | 189.9             |              |
| 16   | 829       | 59.00         | 107.8             |              |
| 17   | 895       | 174.30        | 295.1             |              |
| 18   | 1,214     | 84.56         | 105.5             |              |
| 19   | 10,380    | 75.00         | 10.9              | Upper Marker |

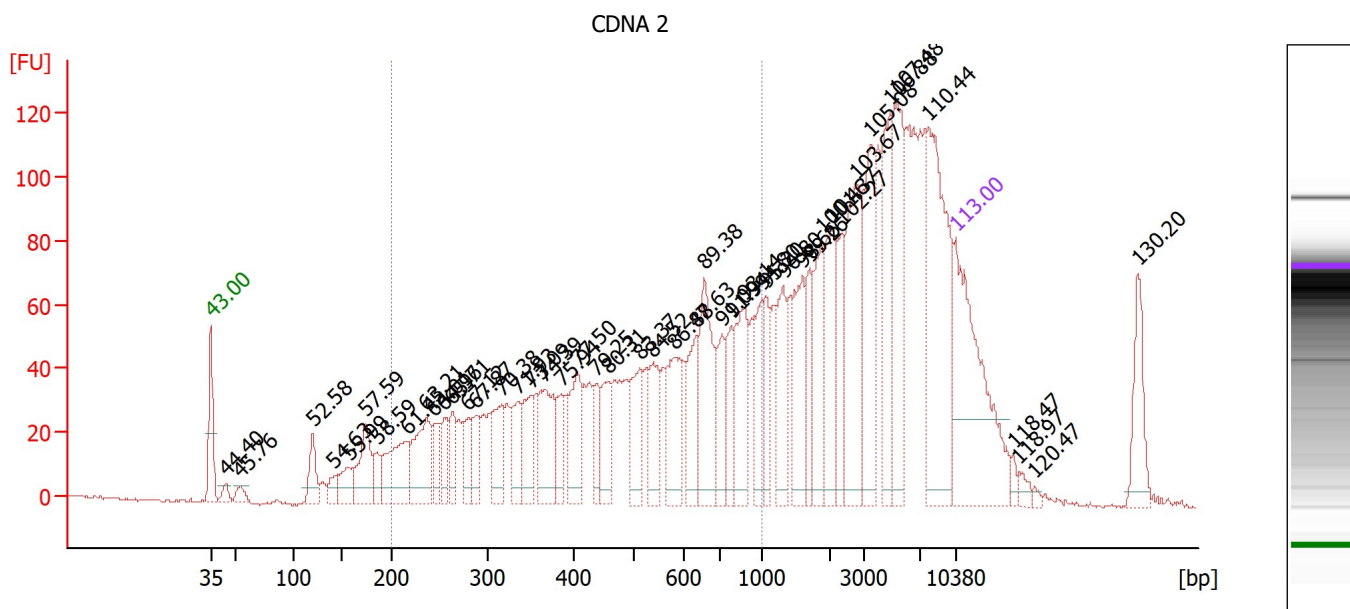
### Region table for sample 5 : RNA 2

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200       | 1,000   | 1,457.2    | 91         | 521               | 29.2                        | 4,156.23      | 13,477.9          | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

### Electropherogram Summary Continued ...



### Overall Results for sample 6 : CDNA 2

Number of peaks found: 47      Corr. Area 1: 1,568.4  
 Noise: 0.5

### Peak table for sample 6 : CDNA 2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 44        | 6.52          | 223.3             |              |
| 3    | 54        | 7.31          | 203.7             |              |
| 4    | 120       | 19.44         | 245.0             |              |
| 5    | 142       | 8.90          | 94.8              |              |
| 6    | 157       | 16.46         | 158.9             |              |
| 7    | 174       | 34.11         | 296.4             |              |
| 8    | 185       | 11.17         | 91.3              |              |
| 9    | 217       | 43.68         | 305.6             |              |
| 10   | 236       | 42.56         | 273.2             |              |
| 11   | 245       | 15.46         | 95.6              |              |
| 12   | 255       | 16.89         | 100.2             |              |
| 13   | 264       | 16.17         | 92.9              |              |
| 14   | 279       | 17.07         | 92.6              |              |
| 15   | 288       | 15.18         | 80.0              |              |
| 16   | 317       | 25.61         | 122.3             |              |
| 17   | 336       | 21.05         | 94.8              |              |
| 18   | 351       | 24.92         | 107.7             |              |
| 19   | 367       | 39.99         | 165.2             |              |
| 20   | 386       | 15.10         | 59.2              |              |
| 21   | 408       | 31.17         | 115.9             |              |
| 22   | 438       | 14.45         | 50.0              |              |
| 23   | 457       | 22.35         | 74.1              |              |
| 24   | 512       | 28.62         | 84.6              |              |
| 25   | 536       | 24.60         | 69.5              |              |
| 26   | 577       | 33.29         | 87.4              |              |

Assay Class: High Sensitivity DNA Assay  
 Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

### Electropherogram Summary Continued ...

#### ... Peak table for sample 6 : CDNA 2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27   | 633       | 27.90         | 66.8              |              |
| 28   | 656       | 47.97         | 110.8             |              |
| 29   | 721       | 20.32         | 42.7              |              |
| 30   | 784       | 20.60         | 39.8              |              |
| 31   | 871       | 37.03         | 64.4              |              |
| 32   | 992       | 22.16         | 33.8              |              |
| 33   | 1,046     | 17.16         | 24.9              |              |
| 34   | 1,300     | 25.84         | 30.1              |              |
| 35   | 1,594     | 33.15         | 31.5              |              |
| 36   | 1,689     | 18.70         | 16.8              |              |
| 37   | 1,880     | 29.20         | 23.5              |              |
| 38   | 2,044     | 33.67         | 25.0              |              |
| 39   | 2,325     | 20.37         | 13.3              |              |
| 40   | 2,761     | 51.98         | 28.5              |              |
| 41   | 3,486     | 43.38         | 18.9              |              |
| 42   | 4,871     | 37.69         | 11.7              |              |
| 43   | 5,332     | 51.65         | 14.7              |              |
| 44   | 7,793     | 83.16         | 16.2              |              |
| 45   | 10,380    | 75.00         | 10.9              | Upper Marker |
| 46   | 15,909    | 0.00          | 0.0               |              |
| 47   | 16,417    | 0.00          | 0.0               |              |
| 48   | 17,938    | 0.00          | 0.0               |              |
| 49   | 27,779    | 0.00          | 0.0               |              |

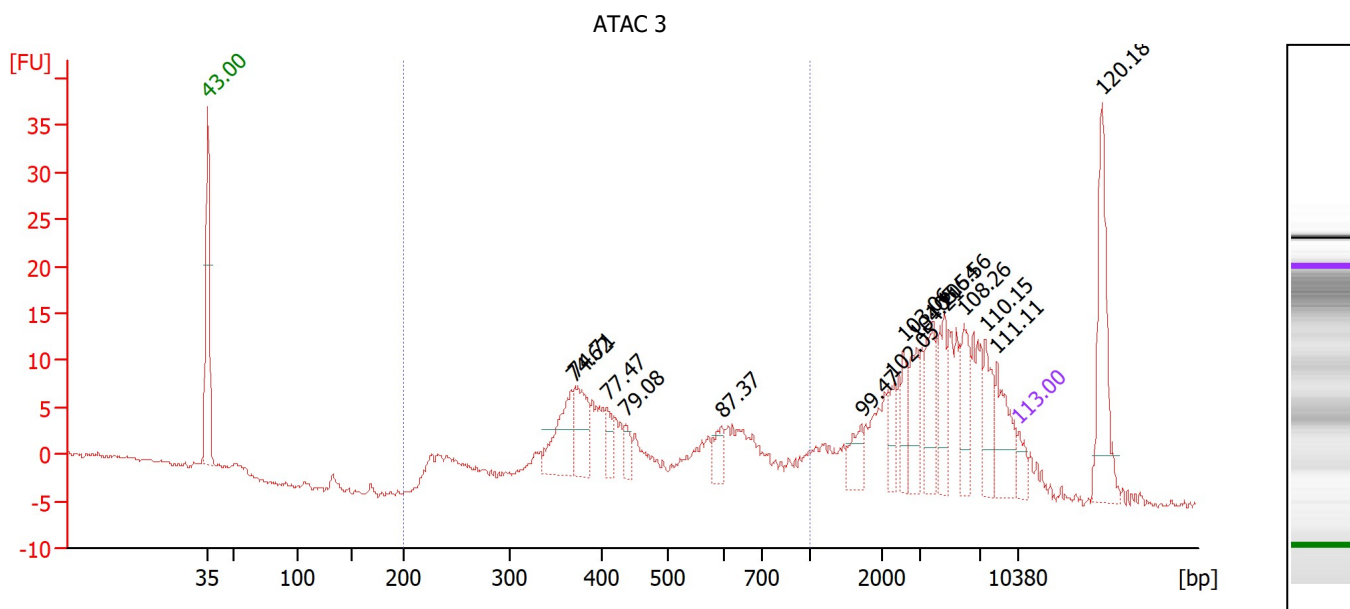
#### Region table for sample 6 : CDNA 2

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color   |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|---|
| 200       | 1,000   | 1,568.4    | 46         | 514               | 40.0                        | 775.21        | 2,917.6           |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

### Electropherogram Summary Continued ...



### Overall Results for sample 7 : ATAC 3

Number of peaks found: 15      Corr. Area 1: 137.5  
 Noise: 0.2

### Peak table for sample 7 : ATAC 3

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 370       | 452.78        | 1,855.7           |              |
| 3    | 371       | 336.87        | 1,376.4           |              |
| 4    | 407       | 118.65        | 441.5             |              |
| 5    | 435       | 99.89         | 347.6             |              |
| 6    | 596       | 126.92        | 322.9             |              |
| 7    | 1,722     | 129.21        | 113.7             |              |
| 8    | 2,255     | 97.78         | 65.7              |              |
| 9    | 2,570     | 128.83        | 76.0              |              |
| 10   | 2,927     | 205.70        | 106.5             |              |
| 11   | 3,844     | 257.47        | 101.5             |              |
| 12   | 4,621     | 217.49        | 71.3              |              |
| 13   | 5,927     | 222.67        | 56.9              |              |
| 14   | 7,493     | 193.78        | 39.2              |              |
| 15   | 8,471     | 275.54        | 49.3              |              |
| 16   | 10,380    | 75.00         | 10.9              | Upper Marker |
| 17   | 17,643    | 0.00          | 0.0               |              |

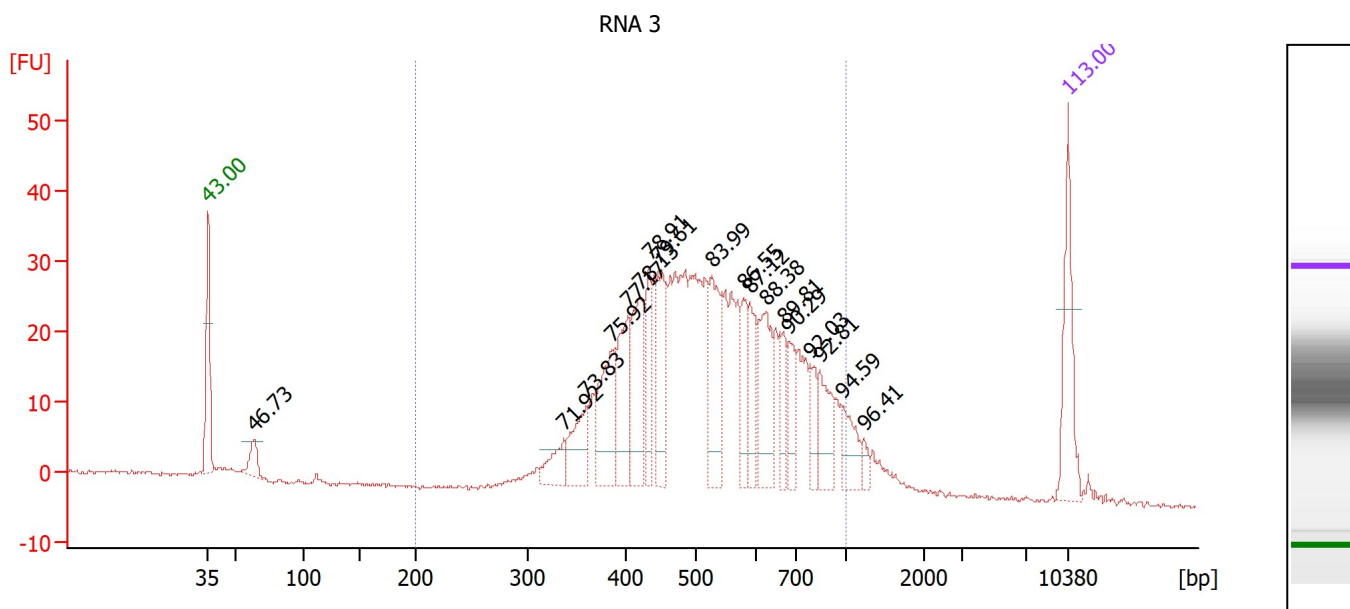
### Region table for sample 7 : ATAC 3

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200       | 1,000   | 137.5      | 38         | 495               | 32.9                        | 2,774.57      | 9,785.7           | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

### Electropherogram Summary Continued ...



### Overall Results for sample 8 : RNA 3

Number of peaks found: 18      Corr. Area 1: 663.9  
 Noise: 0.3

### Peak table for sample 8 : RNA 3

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 63        | 36.69         | 876.7             |              |
| 3    | 336       | 40.10         | 180.7             |              |
| 4    | 360       | 66.56         | 280.2             |              |
| 5    | 386       | 103.83        | 407.8             |              |
| 6    | 402       | 100.23        | 377.8             |              |
| 7    | 419       | 101.22        | 366.3             |              |
| 8    | 432       | 61.55         | 215.7             |              |
| 9    | 445       | 95.77         | 326.4             |              |
| 10   | 525       | 105.98        | 305.6             |              |
| 11   | 579       | 54.03         | 141.4             |              |
| 12   | 591       | 50.72         | 130.1             |              |
| 13   | 625       | 88.30         | 214.1             |              |
| 14   | 669       | 40.46         | 91.6              |              |
| 15   | 684       | 40.90         | 90.6              |              |
| 16   | 790       | 32.33         | 62.0              |              |
| 17   | 847       | 55.74         | 99.7              |              |
| 18   | 977       | 41.44         | 64.3              |              |
| 19   | 1,238     | 11.15         | 13.6              |              |
| 20   | 10,380    | 75.00         | 10.9              | Upper Marker |

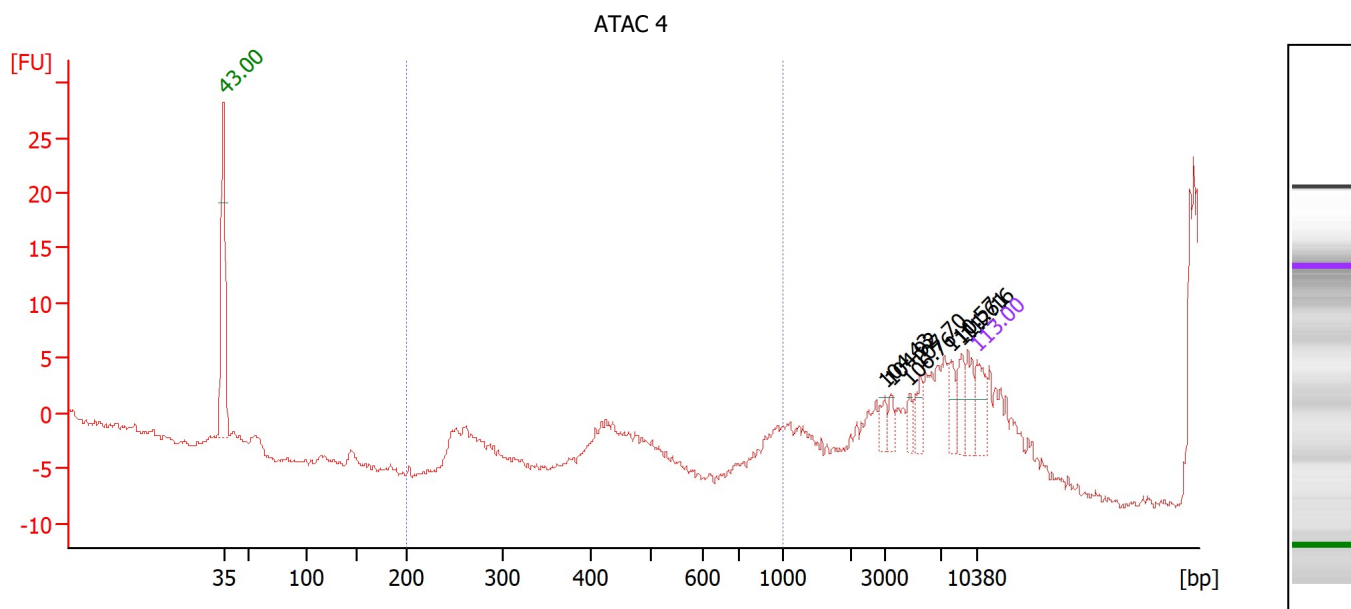
### Region table for sample 8 : RNA 3

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200       | 1,000   | 663.9      | 92         | 540               | 27.3                        | 1,818.27      | 5,585.2           | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
 Modified: 30/03/2021 13:46:57

### Electropherogram Summary Continued ...



### Overall Results for sample 10 : ATAC 4

Number of peaks found: 7      Corr. Area 1: 0.0  
 Noise: 0.2

### Peak table for sample 10 : ATAC 4

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 2,996     | 29.41         | 14.9              |              |
| 3    | 3,369     | 32.67         | 14.7              |              |
| 4    | 4,775     | 30.16         | 9.6               |              |
| 5    | 5,497     | 45.71         | 12.6              |              |
| 6    | 7,924     | 52.18         | 10.0              |              |
| 7    | 8,977     | 60.44         | 10.2              |              |
| 8    | 9,528     | 67.12         | 10.7              |              |
| 9    | 10,380    | 75.00         | 10.9              | Upper Marker |

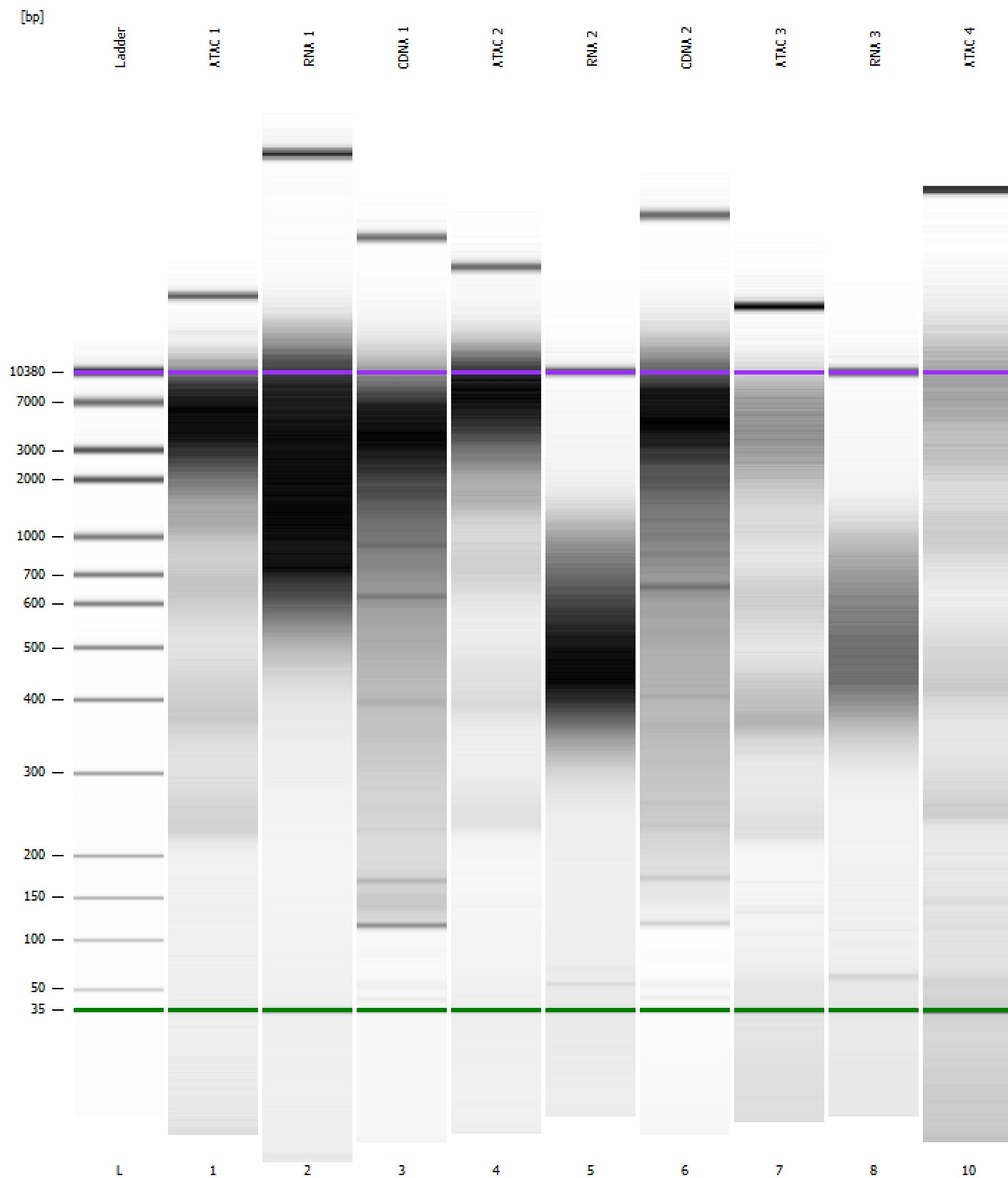
### Region table for sample 10 : ATAC 4

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



Assay Class: High Sensitivity DNA Assay  
Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
Modified: 30/03/2021 13:46:57

**Gel Image**

Assay Class: High Sensitivity DNA Assay  
Data Path: D:\...gh Sensitivity DNA Assay\_DEDAE01844\_2021-03-30\_12-33-03.xad

Created: 30/03/2021 12:33:03  
Modified: 30/03/2021 13:46:57

## Curves

### Standard Curve

