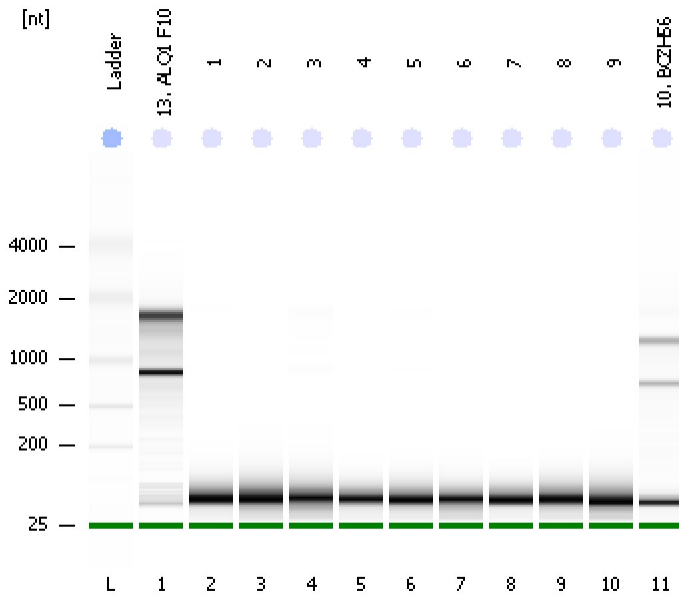


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

Assay Class: Eukaryote Total RNA Pico

Version: 2.6

Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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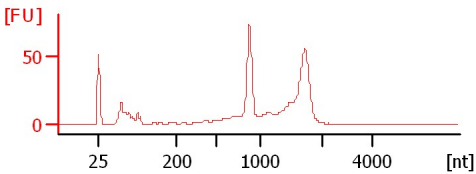
Chip Information:

Chip Lot #:

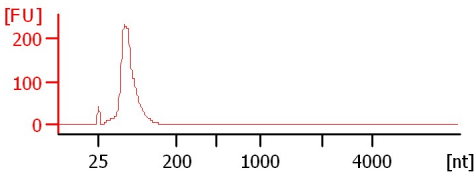
Reagent Kit Lot #:

Chip Comments:

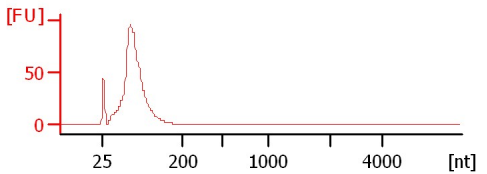
**13. ALQ1 F10**  
RIN: 9.40



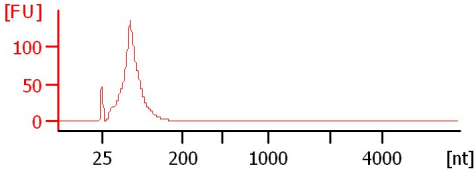
**1**  
hiSeq\_1283  
RIN: 2.50



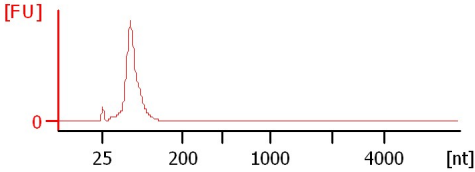
**2**  
hiSeq\_1283  
RIN: 2.60



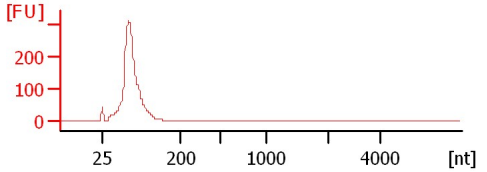
**3**  
hiSeq\_1283  
RIN: 2.60



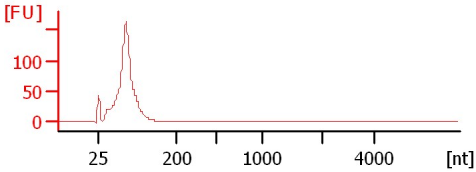
**4**  
hiSeq\_1283  
RIN: 2.60



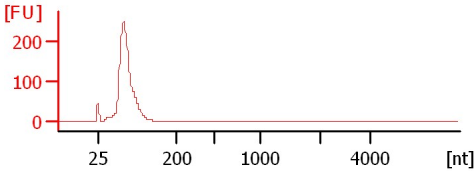
**5**  
hiSeq\_1283  
RIN: 6.70



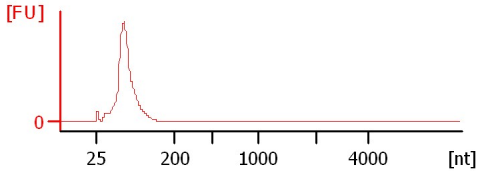
**6**  
hiSeq\_1283  
RIN: 2.60



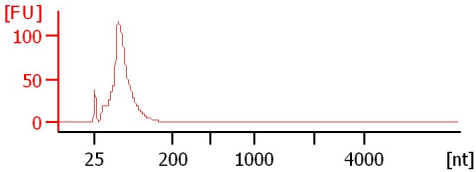
**7**  
hiSeq\_1283  
RIN: 2.60



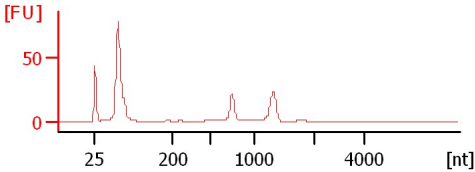
**8**  
hiSeq\_1283  
RIN: 2.50



**9**  
hiSeq\_1283  
RIN: 2.50



**10. BCZH56**  
RIN: 7



Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
13. ALQ1 F10		✓	RIN: 9.40	
1	hiSeq_1283	✓	RIN: 2.50	
2	hiSeq_1283	✓	RIN: 2.60	
3	hiSeq_1283	✓	RIN: 2.60	
4	hiSeq_1283	✓	RIN: 2.60	
5	hiSeq_1283	✓	RIN: 6.70	
6	hiSeq_1283	✓	RIN: 2.60	
7	hiSeq_1283	✓	RIN: 2.60	
8	hiSeq_1283	✓	RIN: 2.50	
9	hiSeq_1283	✓	RIN: 2.50	
10. BCZH56		✓	RIN:7	
Ladder		✓	All Other Samples	

Chip Lot #

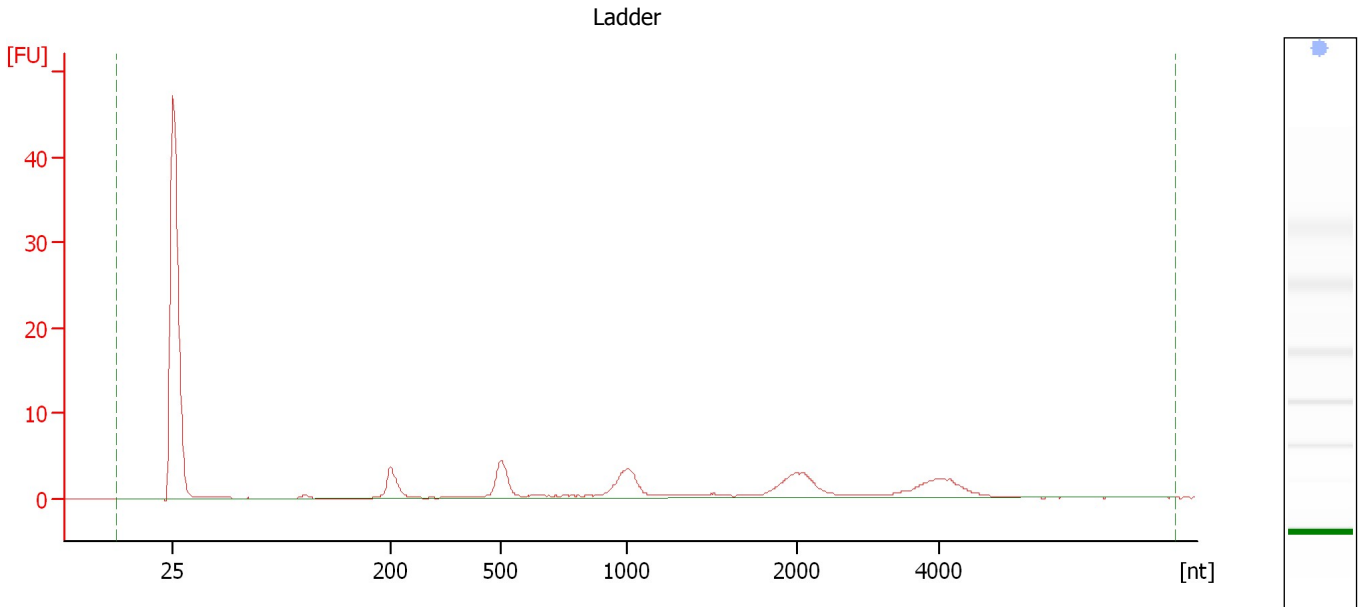
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary**



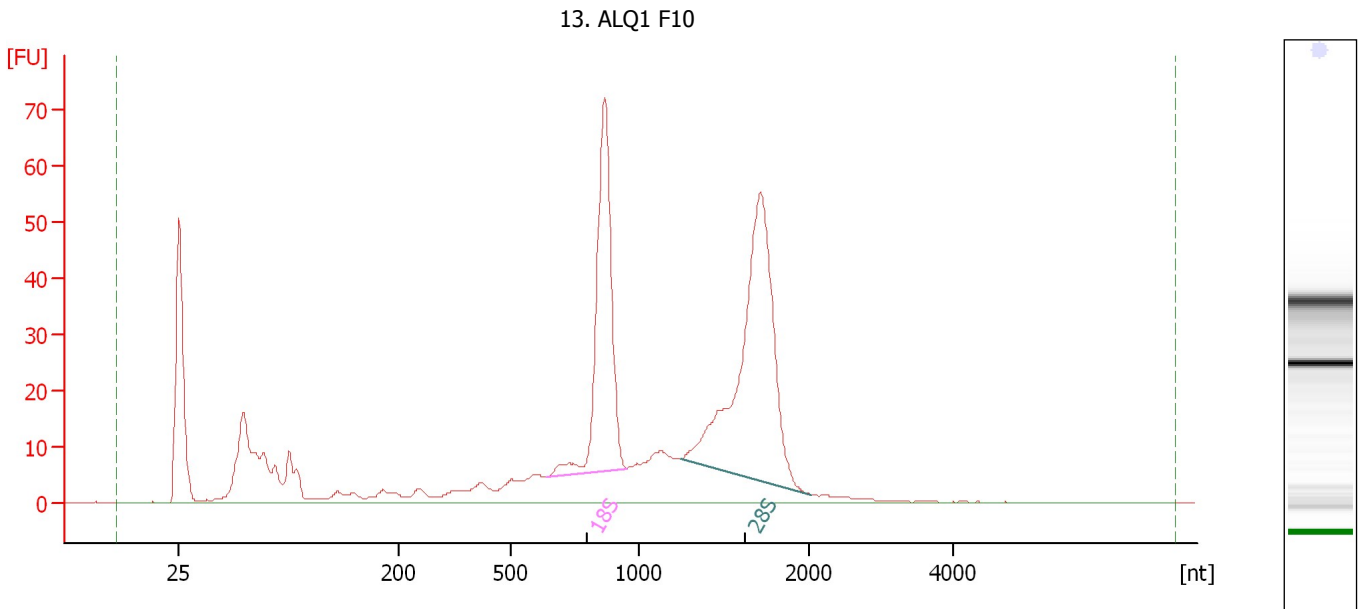
**Overall Results for Ladder**

RNA Area:	57.7	Result Flagging Color:	<span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
 Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 13. ALQ1 F10**

RNA Area:	633.6	RNA Integrity Number (RIN):	9.4 (B.02.08)
RNA Concentration:	10,981 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 9.40

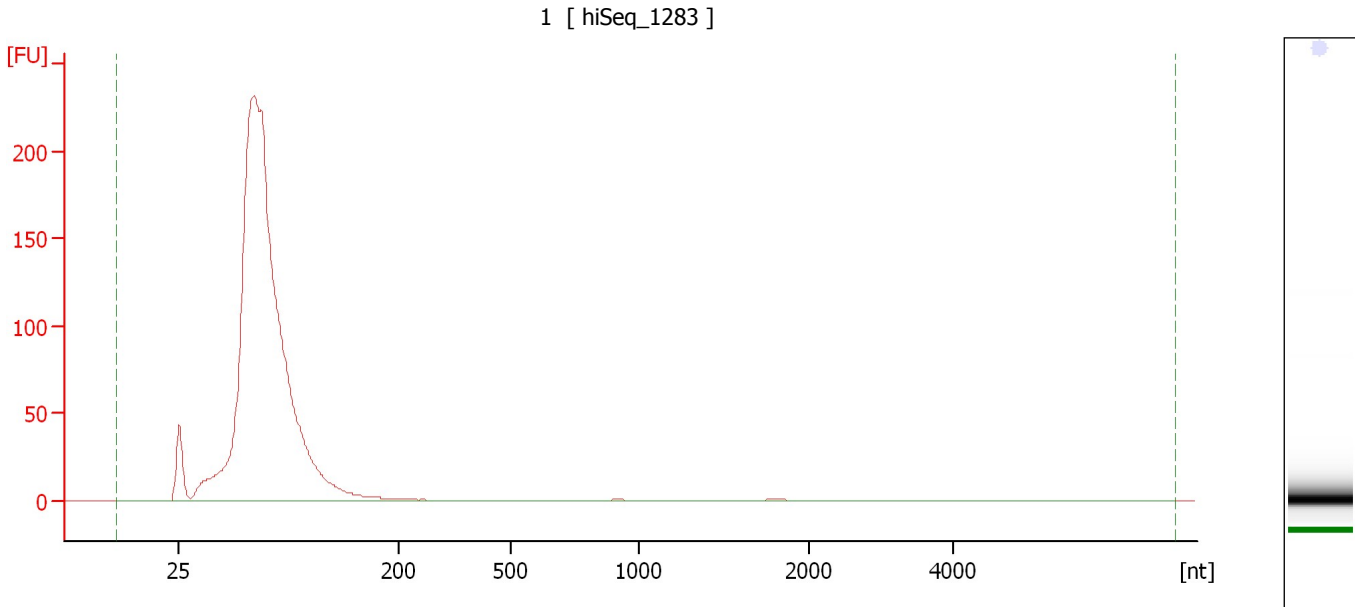
**Fragment table for sample 1 : 13. ALQ1 F10**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	640	954	124.6	19.7
28S	1,251	2,035	183.7	29.0

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



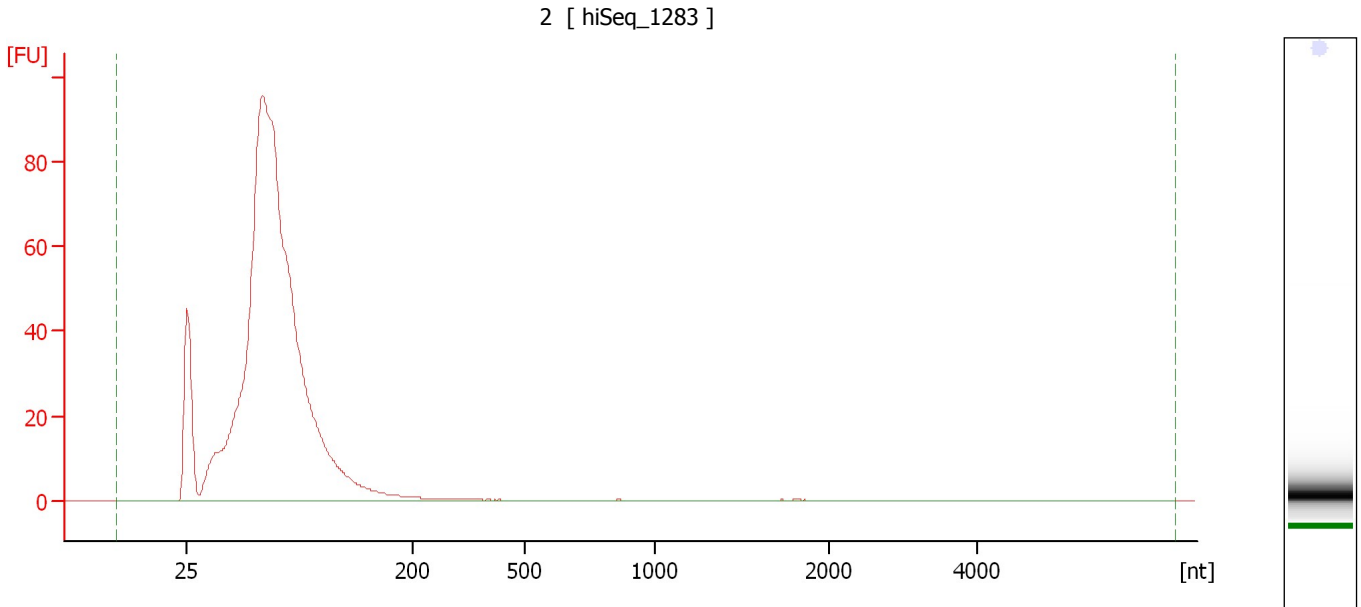
**Overall Results for sample 2 : 1**

RNA Area:	1,843.1	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	31,941 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



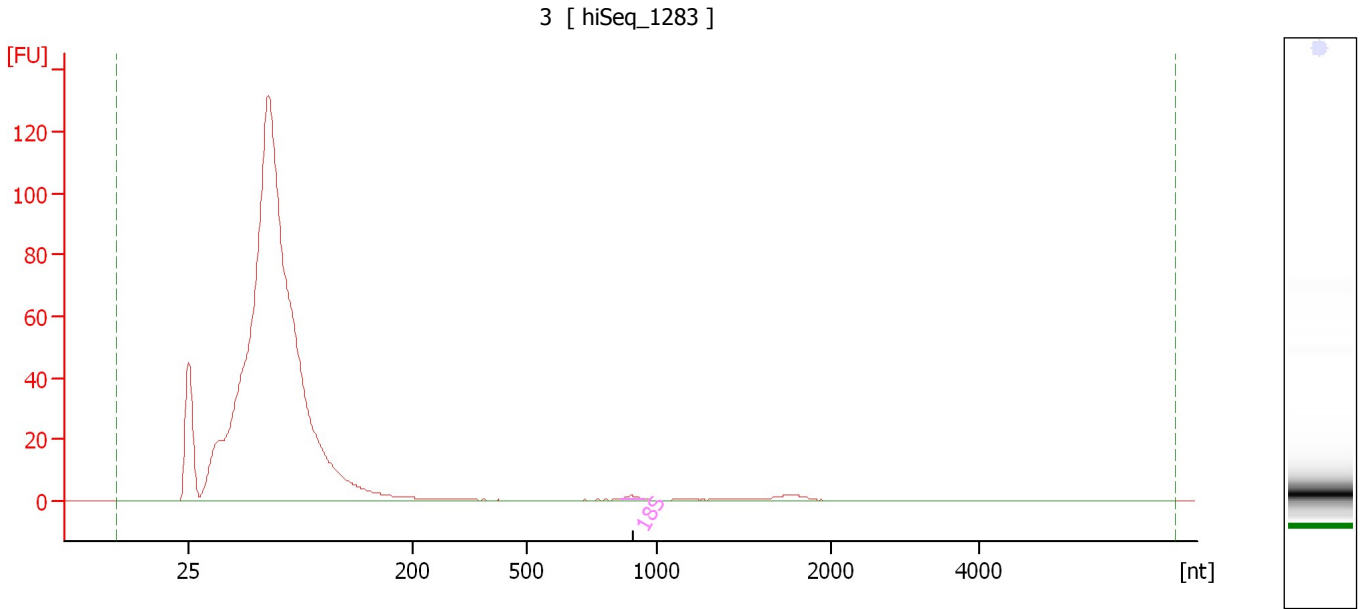
**Overall Results for sample 3 : 2**

RNA Area:	917.1	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	15,894 pg/ $\mu$ l	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 3**

RNA Area:	1,172.3	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	20,316 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

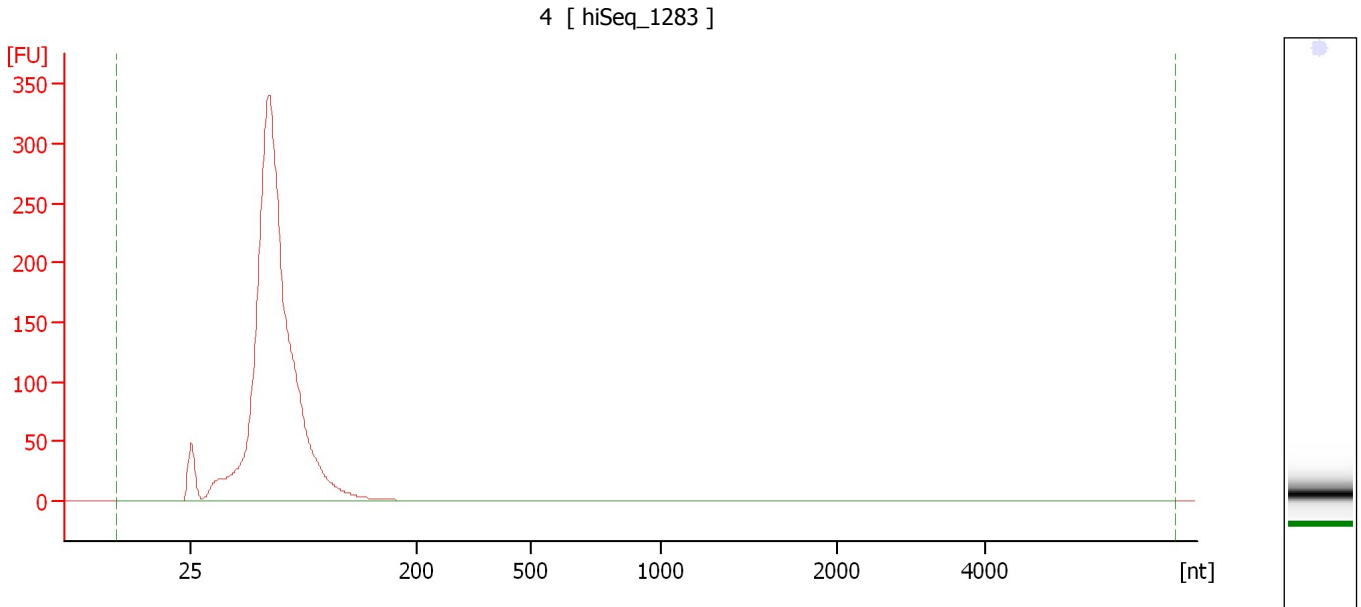
**Fragment table for sample 4 : 3**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	858	953	1.6	0.1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : 4**

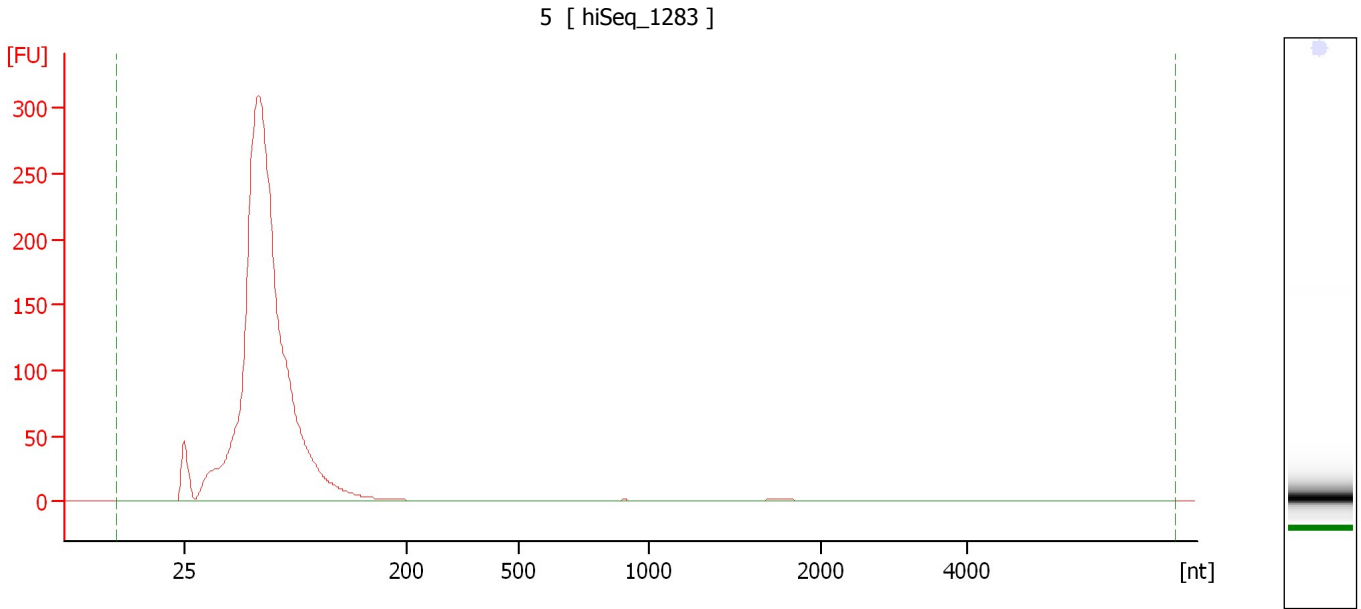
RNA Area:	2,215.7	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	38,398 pg/ $\mu$ l	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60



Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



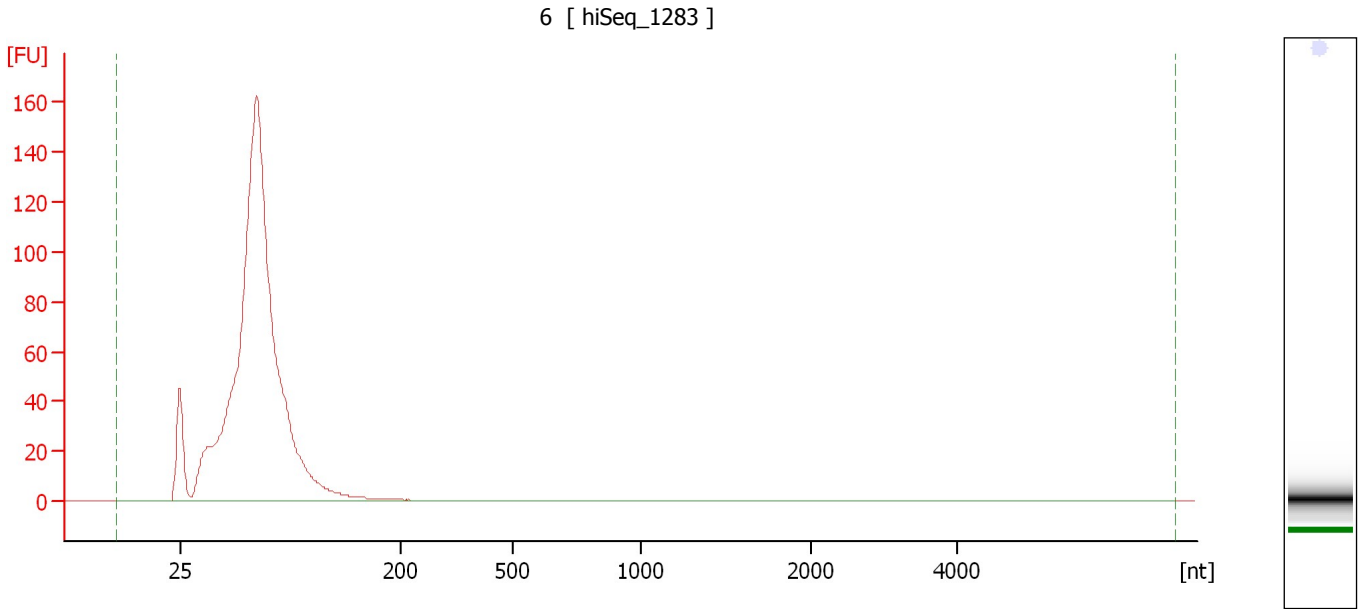
**Overall Results for sample 6 : 5**

RNA Area:	2,324.0	RNA Integrity Number (RIN):	6.7 (B.02.08)
RNA Concentration:	40,275 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 6.70

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



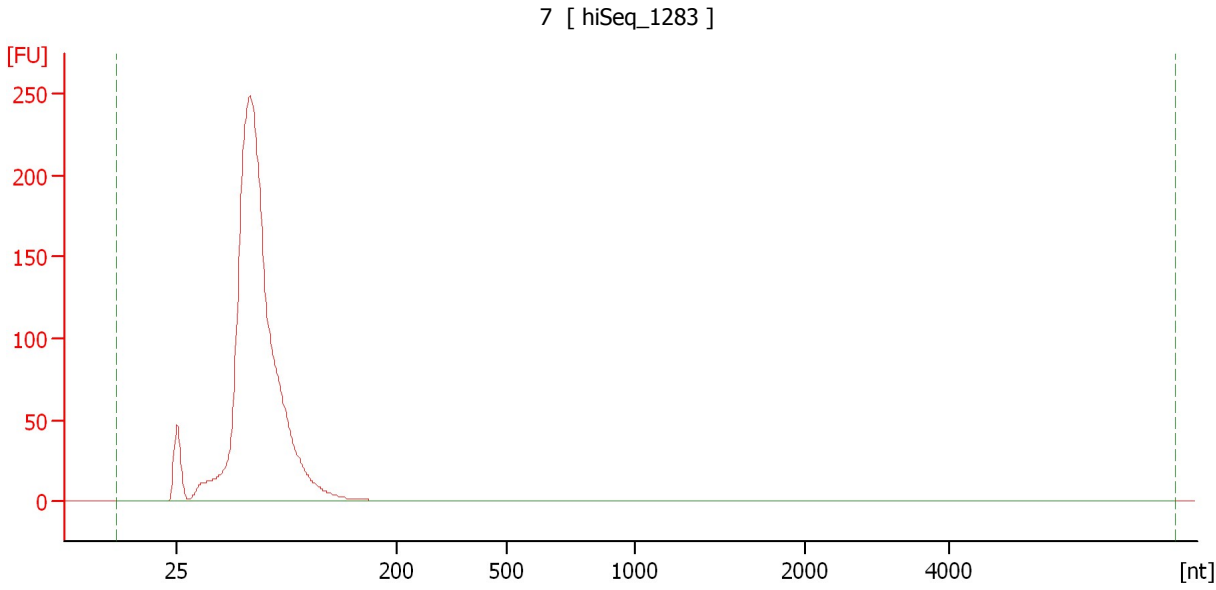
**Overall Results for sample 7 : 6**

RNA Area:	1,180.8	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	20,464 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



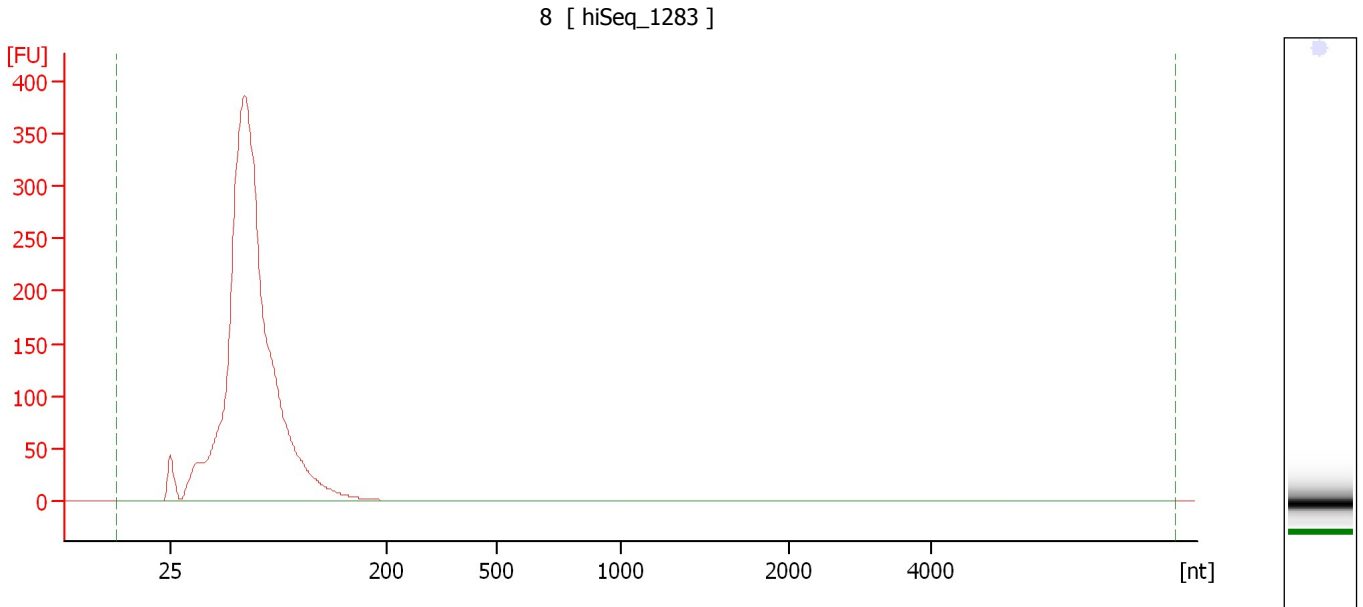
**Overall Results for sample 8 : 7**

RNA Area:	1,704.5	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	29,540 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



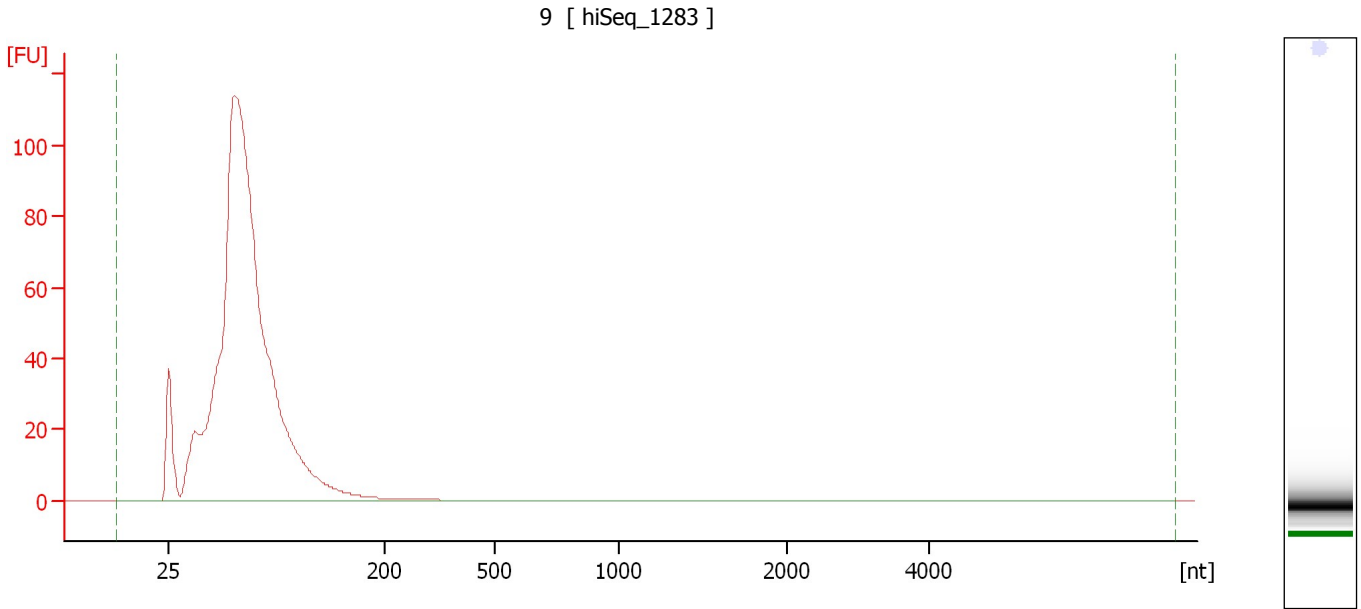
**Overall Results for sample 9 : 8**

RNA Area:	3,091.7	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	53,579 pg/ $\mu$ l	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



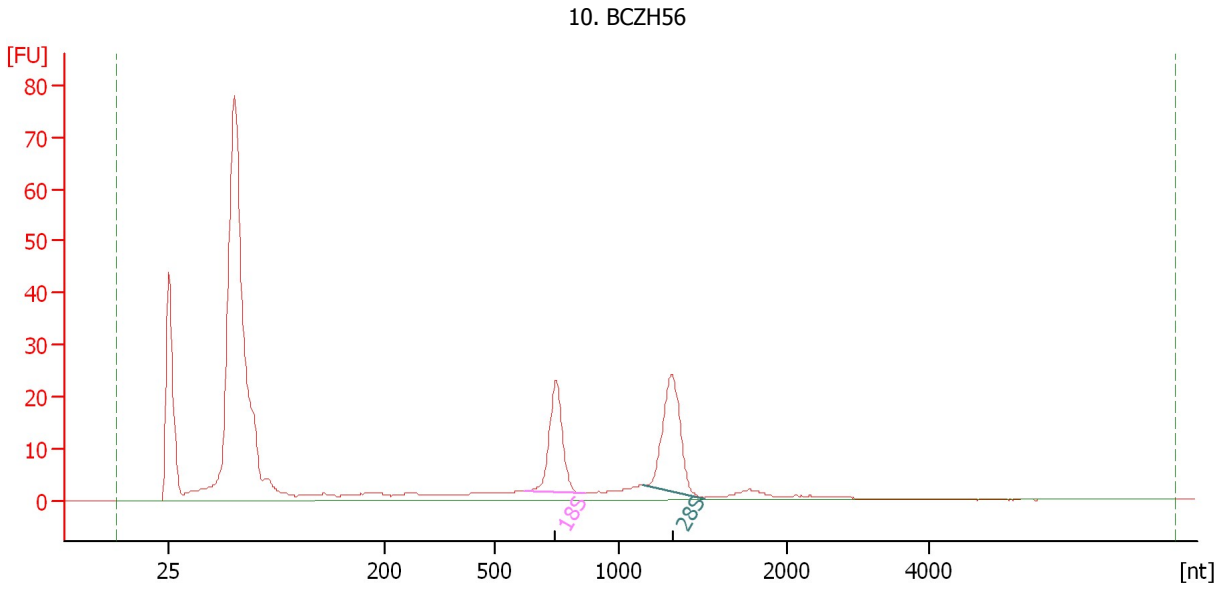
**Overall Results for sample 10 : 9**

RNA Area:	1,042.3	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	18,063 pg/ $\mu$ l	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
 Modified: 2/1/2018 9:28:18 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : 10. BCZH56**

RNA Area:	448.4	RNA Integrity Number (RIN):	7 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	7,771 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN:7

**Fragment table for sample 11 : 10. BCZH56**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	623	858	38.3	8.5
28S	1,139	1,509	47.2	10.5

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31\_004.xad

Created: 1/31/2018 4:10:18 PM  
Modified: 2/1/2018 9:28:18 AM

**Gel Image**

