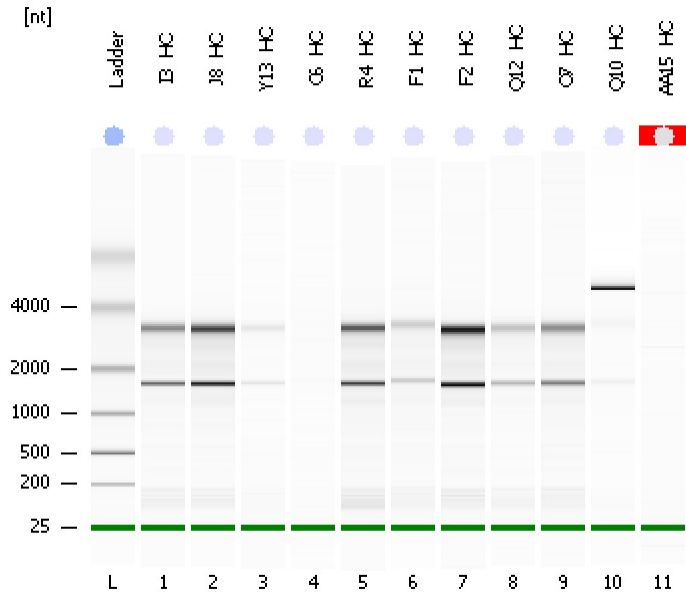


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-26\2018-04-26_003.xad

Created: 4/26/2018 1:00:47 PM
Modified: 4/26/2018 1:23:42 PM

Electrophoresis File Run Summary



Instrument Information:

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

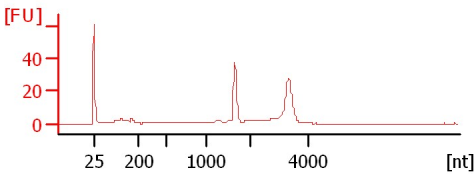
Assay Information:

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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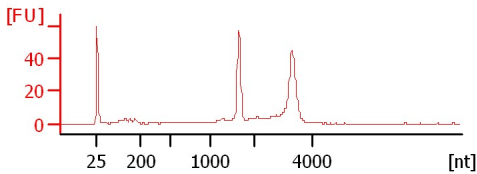
Chip Information:

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

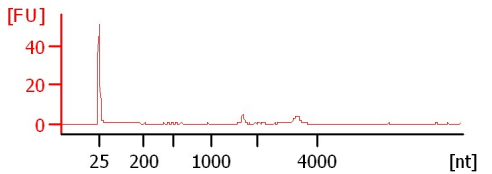
I3_HC
RIN: 9.70



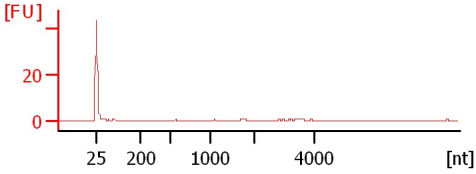
J8_HC
RIN: 9.60



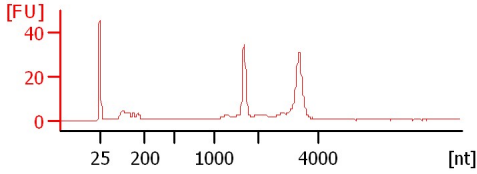
Y13_HC
RIN: 10



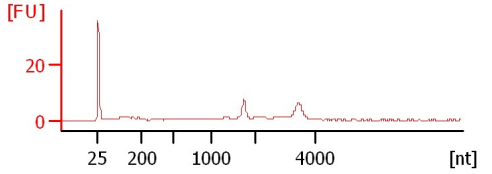
C6_HC
RIN: 1



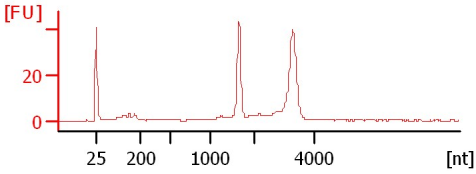
R4_HC
RIN: 9.50



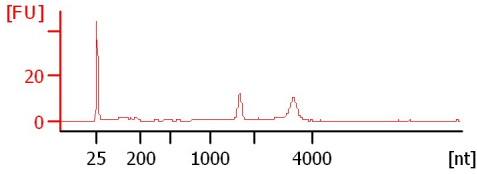
F1_HC
RIN: 8.50



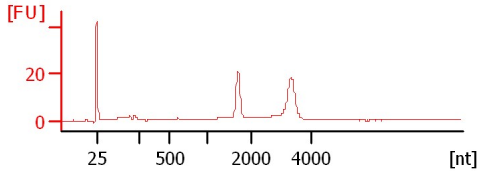
F2_HC
RIN: 10



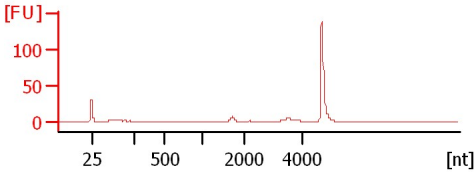
Q12_HC
RIN: 10



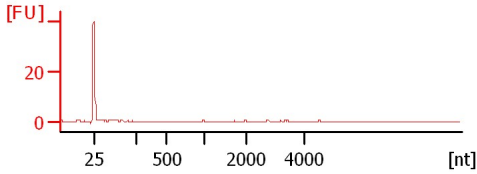
Q7_HC
RIN: 9.90



Q10_HC
RIN: 4.90



AA15_HC
RIN N/A



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-26\2018-04-26_003.xad

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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
I3_HC		✓	RIN: 9.70	
J8_HC		✓	RIN: 9.60	
Y13_HC		✓	RIN:10	
C6_HC		✓	RIN:1	
R4_HC		✓	RIN: 9.50	
F1_HC		✓	RIN: 8.50	
F2_HC		✓	RIN:10	
Q12_HC		✓	RIN:10	
O7_HC		✓	RIN: 9.90	
Q10_HC		✓	RIN: 4.90	
AA15_HC		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-26\2018-04-26_003.xad

Created: 4/26/2018 1:00:47 PM
Modified: 4/26/2018 1:23:42 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 18
End Analysis Time Range [s] : 69
Ladder Concentration [pg/μl] : 1000
Lower Marker Concentration [pg/μl] : 0
Upper Marker Concentration [pg/μl] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.3
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

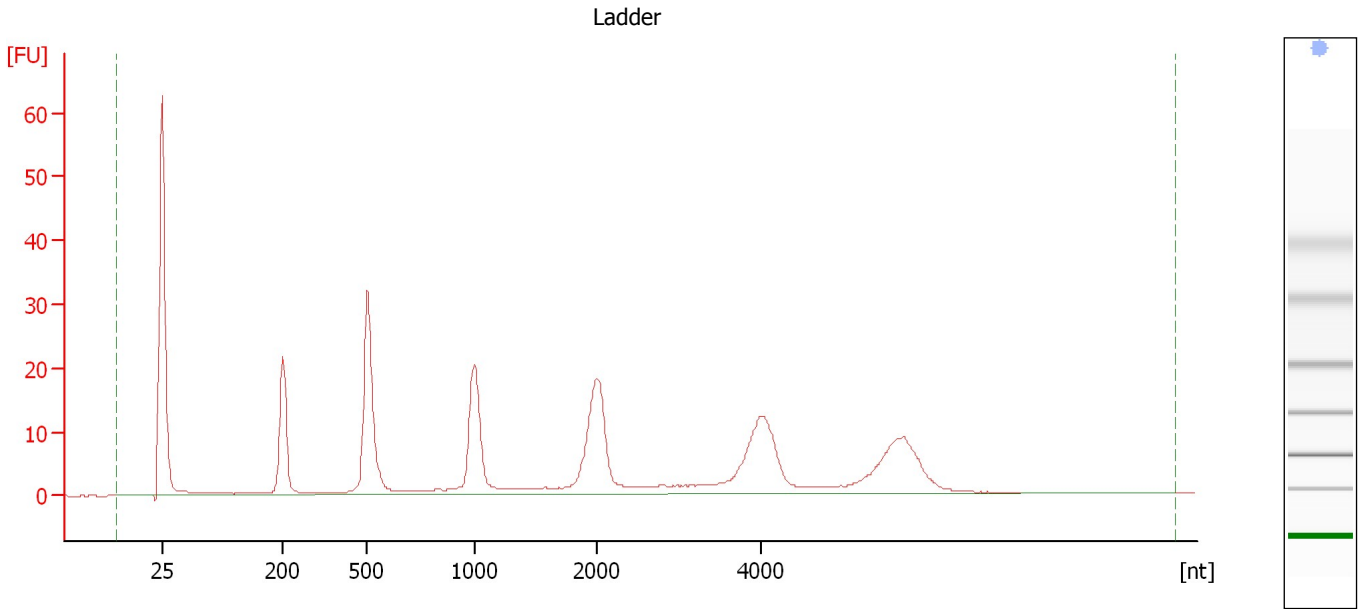
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-26\2018-04-26_003.xad

Created: 4/26/2018 1:00:47 PM
Modified: 4/26/2018 1:23:42 PM

Electropherogram Summary



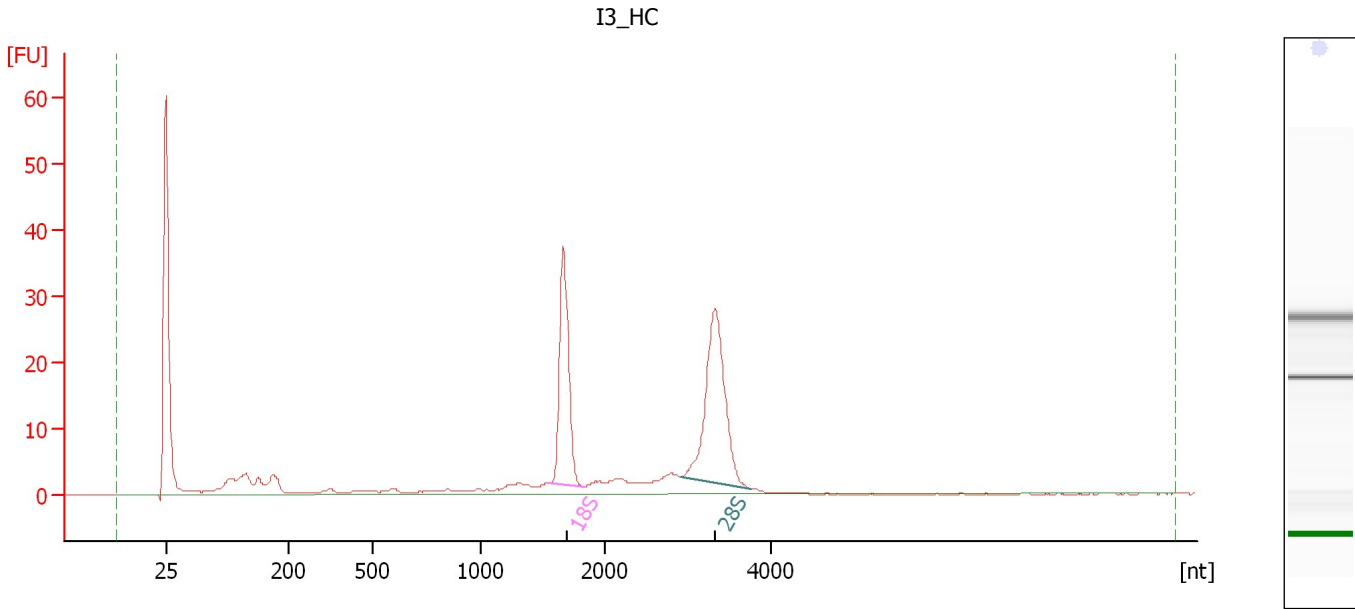
Overall Results for Ladder

RNA Area:	282.0	Result Flagging Color:	
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\2018-04-26\2018-04-26_003.xad

Created: 4/26/2018 1:00:47 PM
Modified: 4/26/2018 1:23:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : I3_HC

RNA Area: 189.8 RNA Integrity Number (RIN): 9.7 (B.02.08)
RNA Concentration: 673 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN: 9.70

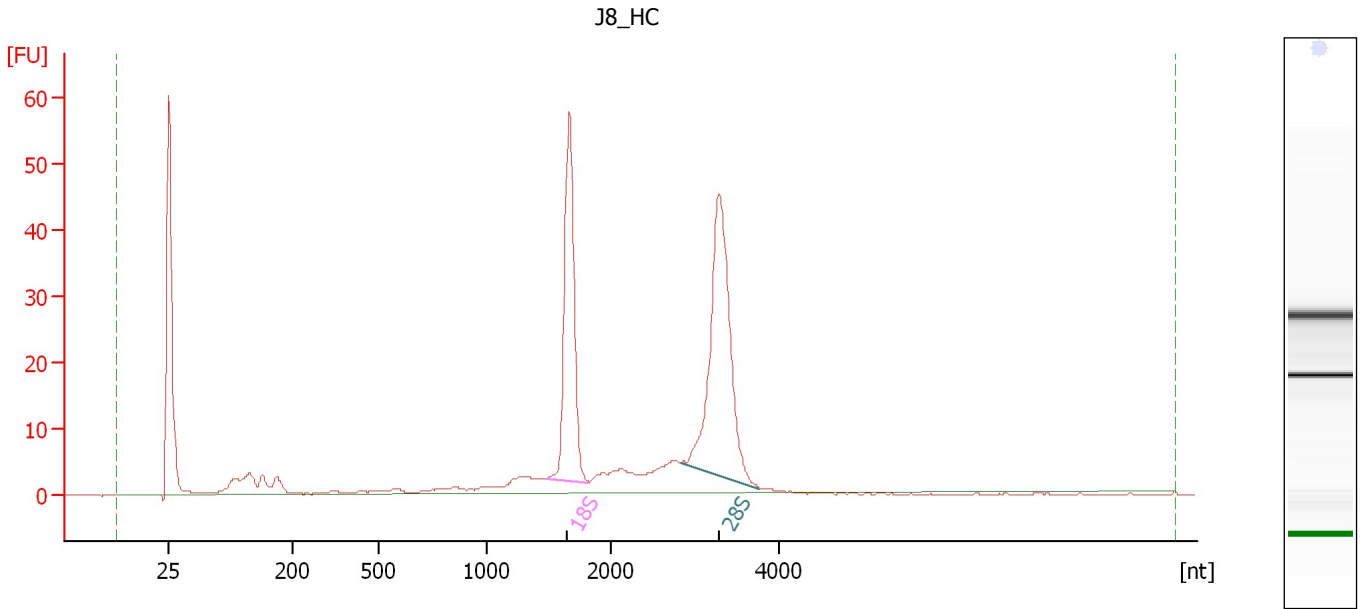
Fragment table for sample 1 : I3_HC

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,553	1,829	43.2	22.7
28S	2,916	3,753	57.8	30.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-26\2018-04-26_003.xad

Created: 4/26/2018 1:00:47 PM
Modified: 4/26/2018 1:23:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : J8_HC

RNA Area: 287.2 RNA Integrity Number (RIN): 9.6 (B.02.08)
RNA Concentration: 1,019 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.4 Result Flagging Label: RIN: 9.60

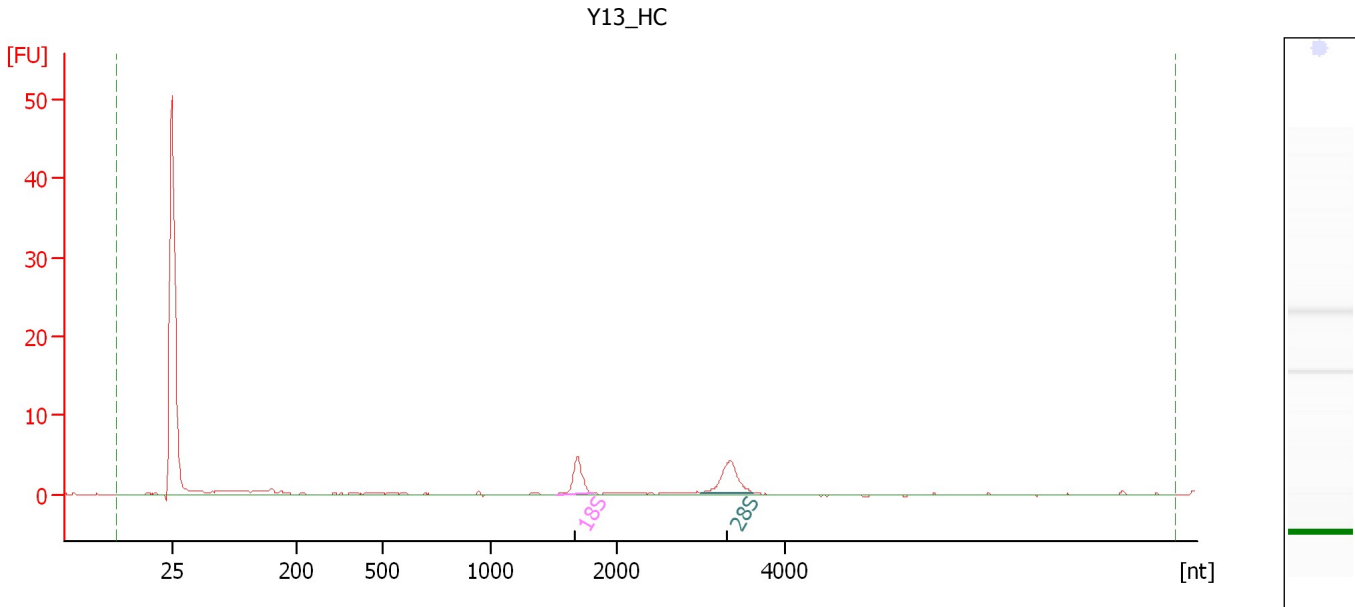
Fragment table for sample 2 : J8_HC

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,490	1,823	69.5	24.2
28S	2,835	3,768	94.5	32.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-26\2018-04-26_003.xad

Created: 4/26/2018 1:00:47 PM
Modified: 4/26/2018 1:23:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Y13_HC

RNA Area:	30.4	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	108 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN:10

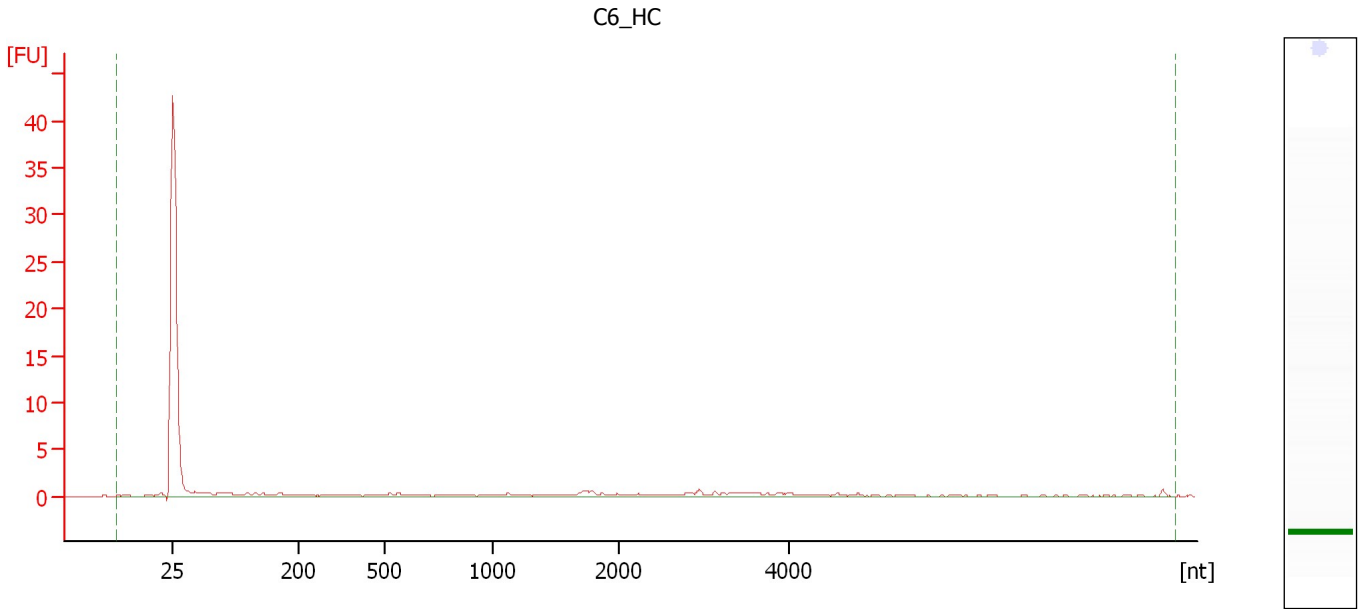
Fragment table for sample 3 : Y13_HC

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,511	1,800	5.6	18.6
28S	2,997	3,619	7.5	24.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-26\2018-04-26_003.xad

Created: 4/26/2018 1:00:47 PM
Modified: 4/26/2018 1:23:42 PM

Electropherogram Summary Continued ...



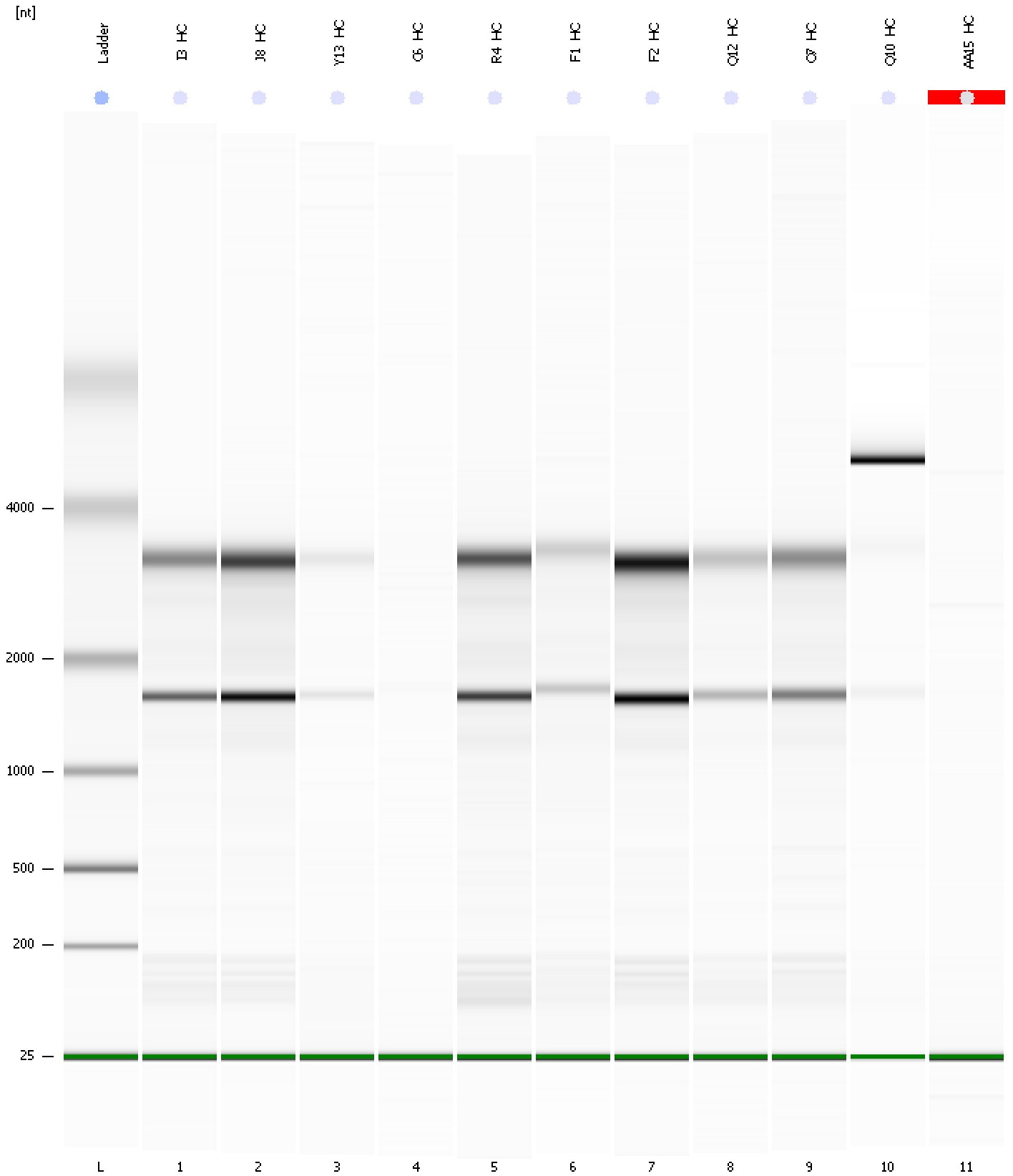
Overall Results for sample 4 : C6_HC

RNA Area:	16.5	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	58 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-26\2018-04-26_003.xad

Created: 4/26/2018 1:00:47 PM
Modified: 4/26/2018 1:23:42 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-26\2018-04-26_003.xad

Created: 4/26/2018 1:00:47 PM
Modified: 4/26/2018 1:23:42 PM

Curves

Standard Curve

