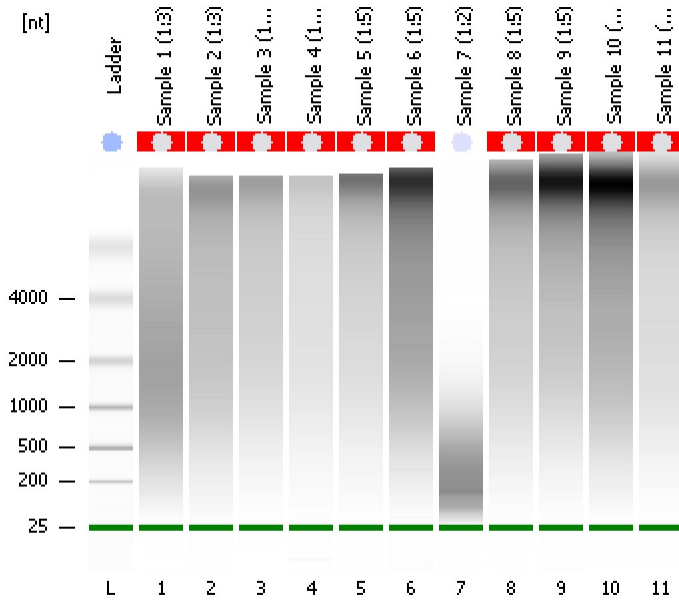


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad

Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electrophoresis File Run Summary

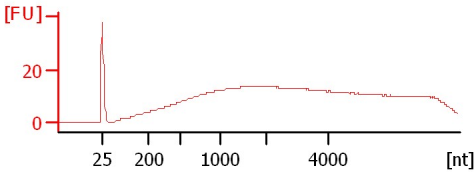


Instrument Information:
 Instrument Name: DE34903152 Firmware: C.01.069
 Serial#: DE34903152 Type: G2938C

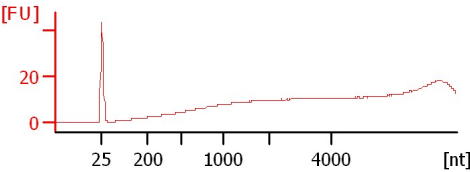
Assay Information:
 Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
 Assay Class: Eukaryote Total RNA Pico
 Version: 2.6
 Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
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Chip Information:
 Chip Lot #:
 Reagent Kit Lot #:
 Chip Comments:

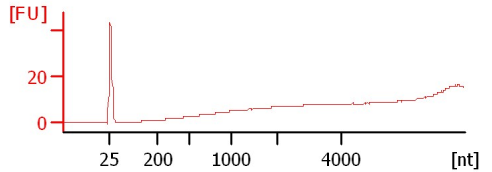
Sample 1 (1:3)
Bisufite Converted DNA
RIN N/A



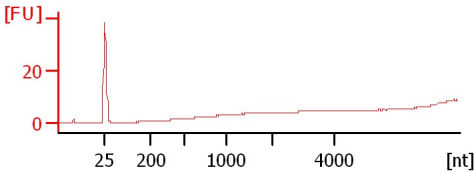
Sample 2 (1:3)
Bisufite Converted DNA
RIN N/A



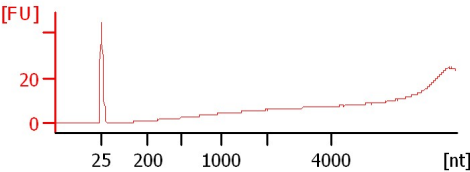
Sample 3 (1:10)
Bisufite Converted DNA
RIN N/A



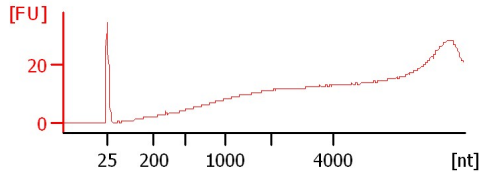
Sample 4 (1:10)
Bisufite Converted DNA
RIN N/A



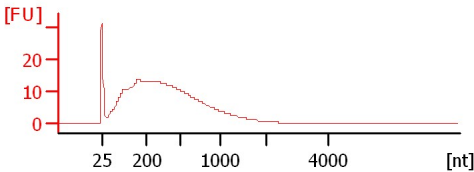
Sample 5 (1:5)
Bisufite Converted DNA
RIN N/A



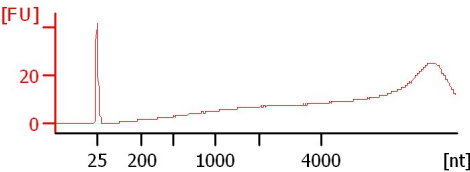
Sample 6 (1:5)
Bisufite Converted DNA
RIN N/A



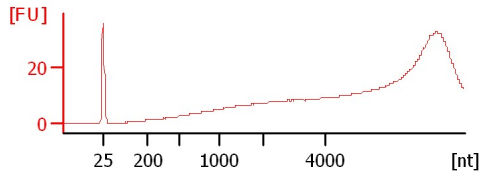
Sample 7 (1:2)
Bisufite Converted DNA
RIN: 2.30



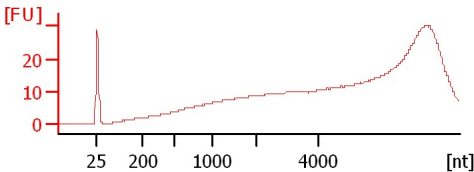
Sample 8 (1:5)
Bisufite Converted DNA
RIN N/A



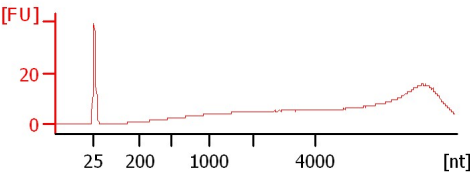
Sample 9 (1:5)
Bisufite Converted DNA
RIN N/A



Sample 10 (1:3)
Bisufite Converted DNA
RIN N/A



Sample 11 (1:10)
Bisufite Converted DNA
RIN N/A



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad

Created: 3/19/2018 11:57:40 AM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1 (1:3)	Bisufite Converted DNA	✓	RIN N/A	
Sample 2 (1:3)	Bisufite Converted DNA	✓	RIN N/A	
Sample 3 (1:10)	Bisufite Converted DNA	✓	RIN N/A	
Sample 4 (1:10)	Bisufite Converted DNA	✓	RIN N/A	
Sample 5 (1:5)	Bisufite Converted DNA	✓	RIN N/A	
Sample 6 (1:5)	Bisufite Converted DNA	✓	RIN N/A	
Sample 7 (1:2)	Bisufite Converted DNA	✓	RIN: 2.30	
Sample 8 (1:5)	Bisufite Converted DNA	✓	RIN N/A	
Sample 9 (1:5)	Bisufite Converted DNA	✓	RIN N/A	
Sample 10 (1:3)	Bisufite Converted DNA	✓	RIN N/A	
Sample 11 (1:10)	Bisufite Converted DNA	✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

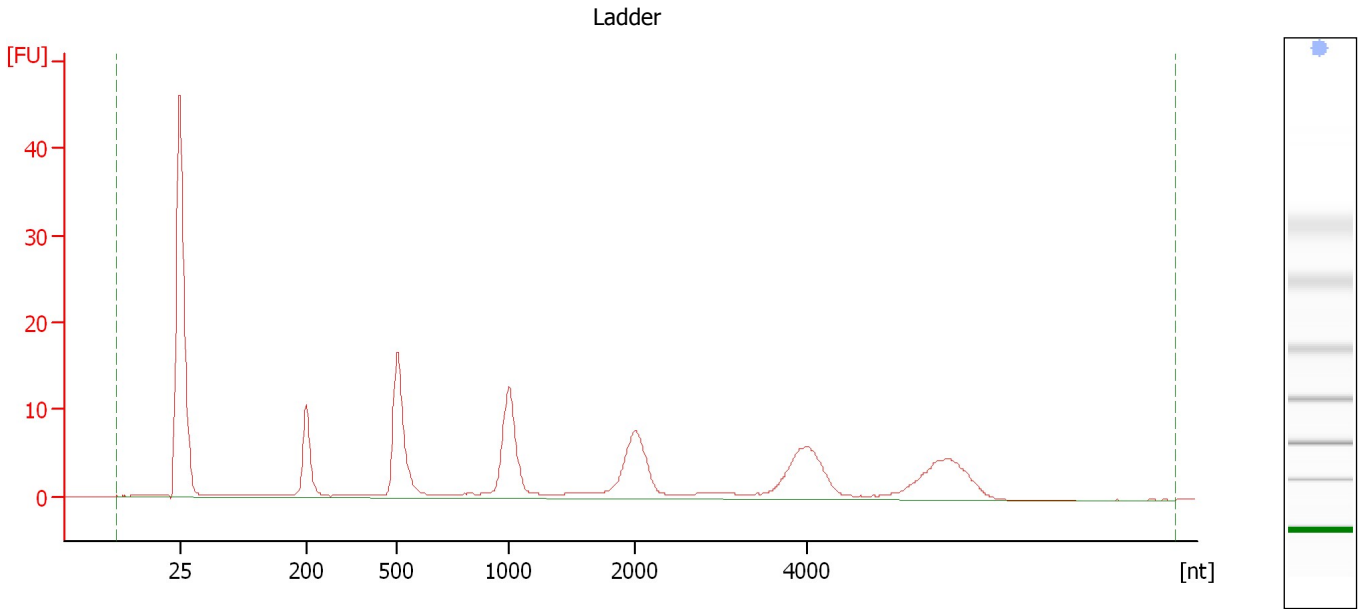
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad

Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary



Overall Results for Ladder

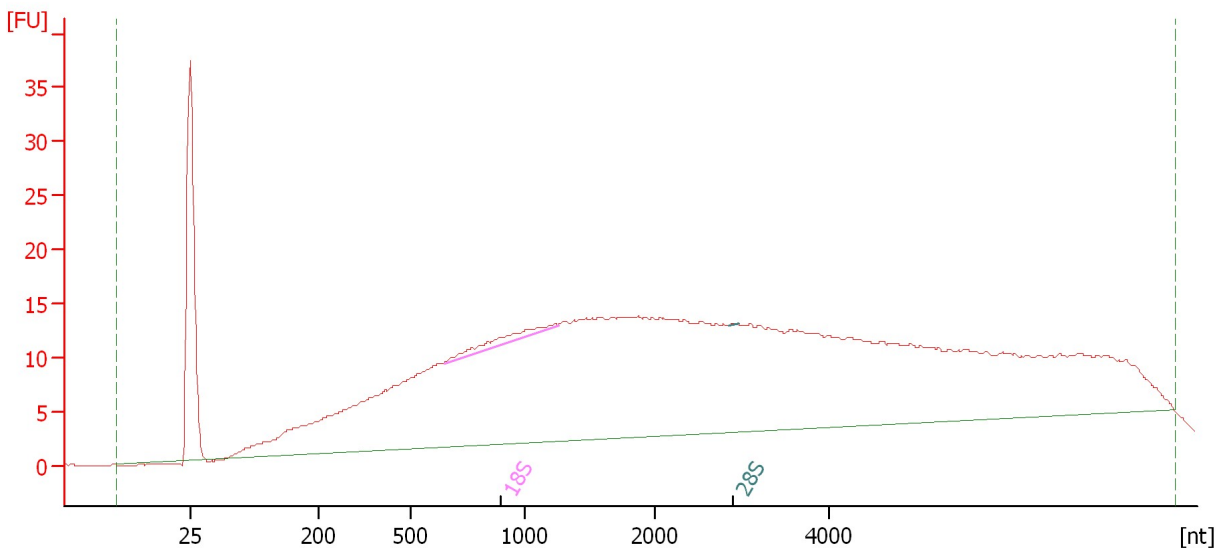
RNA Area:	152.2	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad

Created: 3/19/2018 11:57:40 AM
 Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 1 (1:3) [Bisulfite Converted DNA]



Overall Results for sample 1 : Sample 1 (1:3)

RNA Area:	707.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	4,648 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 1 : Sample 1 (1:3)

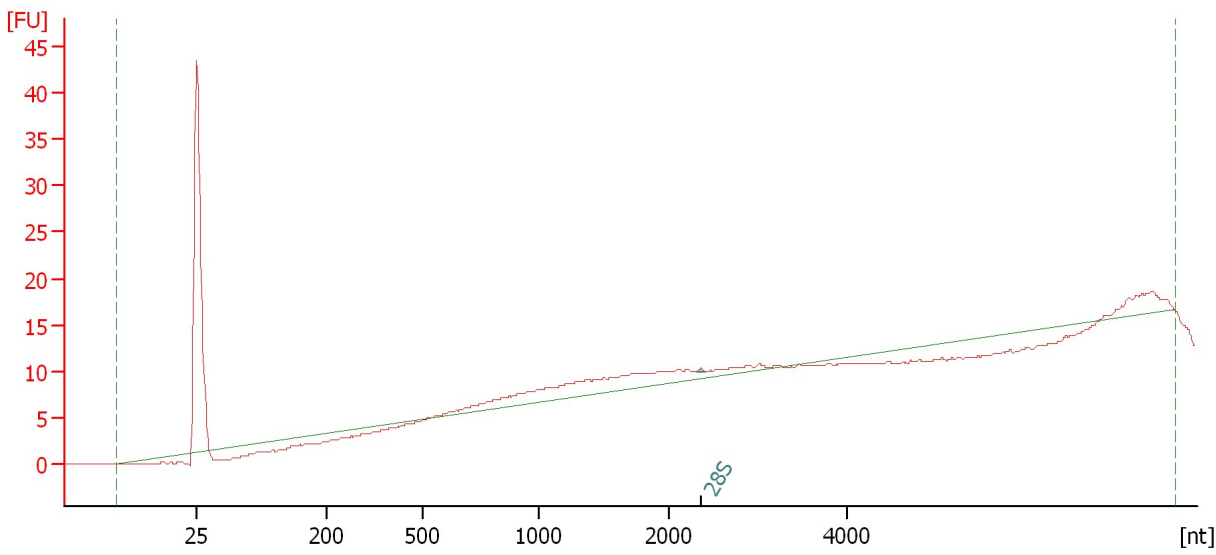
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	644	1,253	5.6	0.8
28S	2,858	2,967	0.1	0.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad


Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 2 (1:3) [Bisulfite Converted DNA]



Overall Results for sample 2 : Sample 2 (1:3)

RNA Area:	47.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	311 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 2 : Sample 2 (1:3)

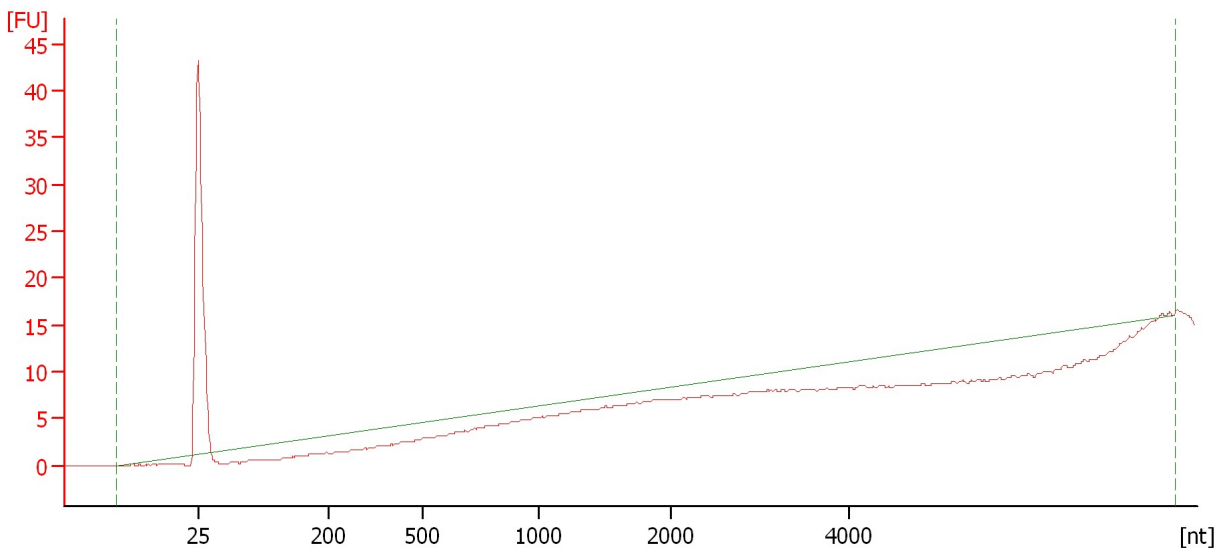
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	2,309	2,417	0.2	0.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad


Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 3 (1:10) [Bisufite Converted DNA]



Overall Results for sample 3 : Sample 3 (1:10)

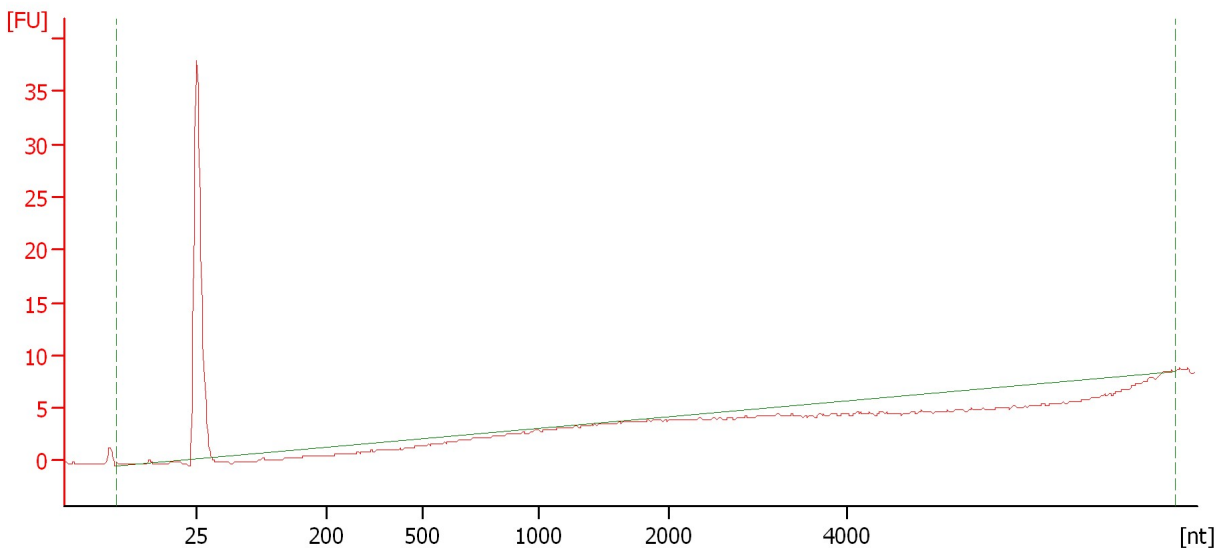
RNA Area:	0.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad


Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 4 (1:10) [Bisufite Converted DNA]



Overall Results for sample 4 : Sample 4 (1:10)

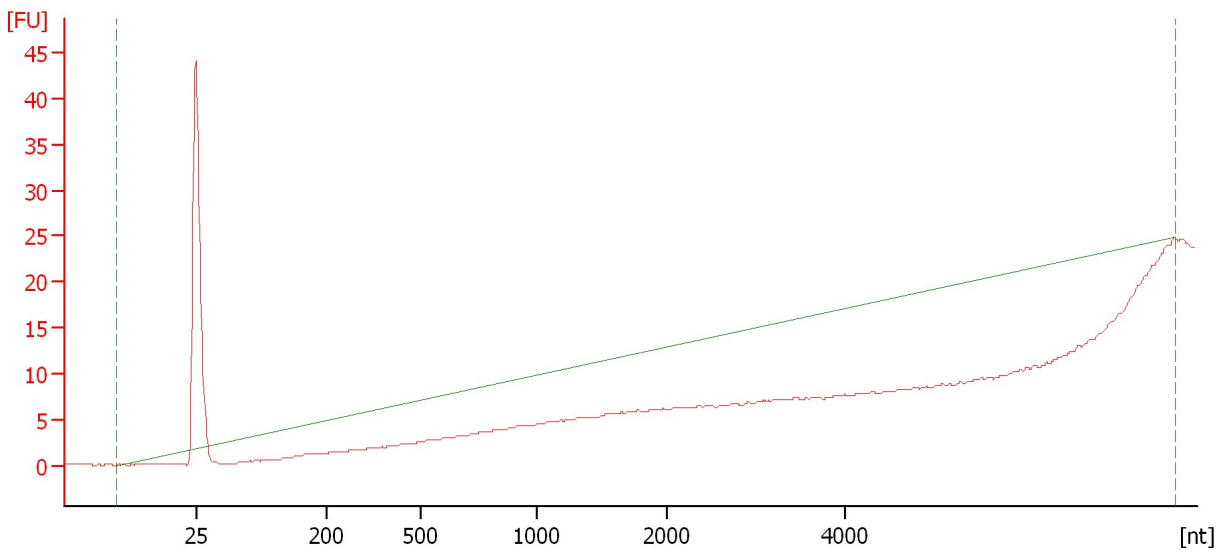
RNA Area:	1.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	9 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad


Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 5 (1:5) [Bisulfite Converted DNA]



Overall Results for sample 5 : Sample 5 (1:5)

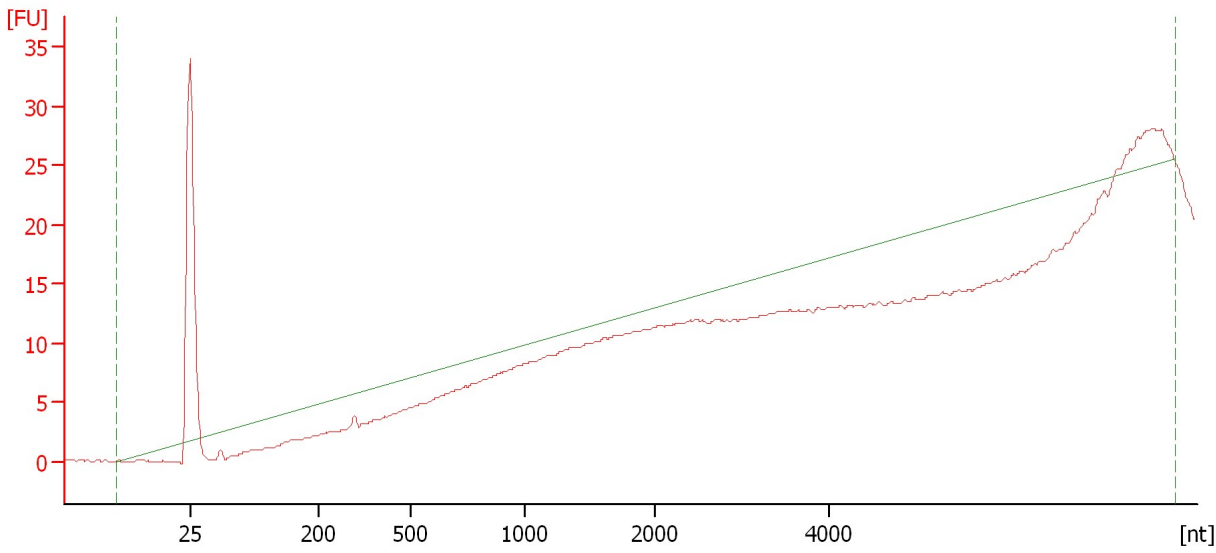
RNA Area:	0.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	0 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad


Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 6 (1:5) [Bisufite Converted DNA]



Overall Results for sample 6 : Sample 6 (1:5)

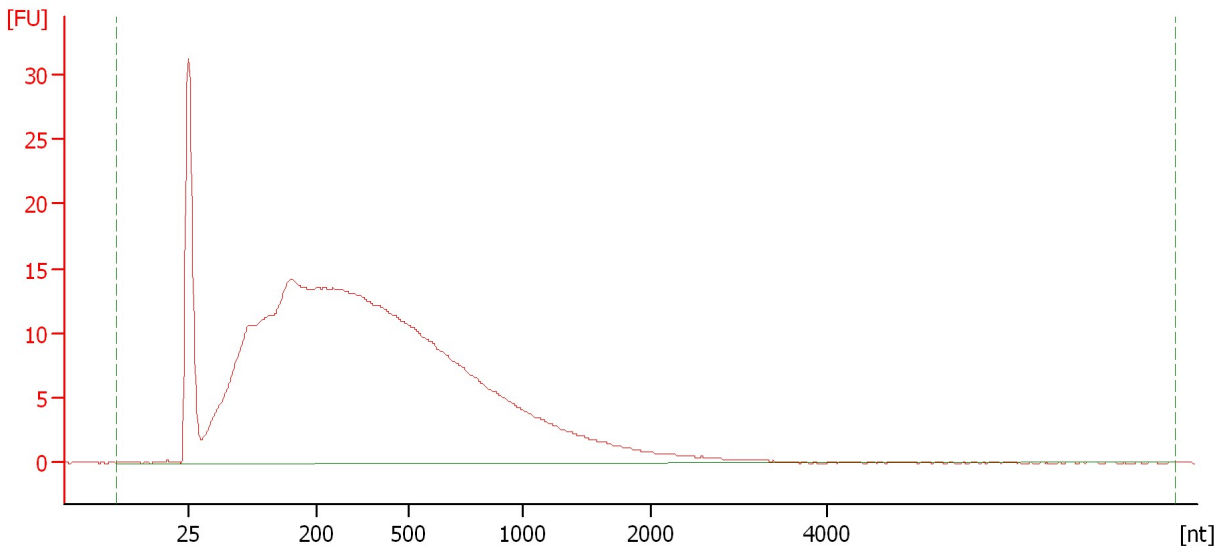
RNA Area:	8.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	53 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad

Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 7 (1:2) [Bisufite Converted DNA]



Overall Results for sample 7 : Sample 7 (1:2)

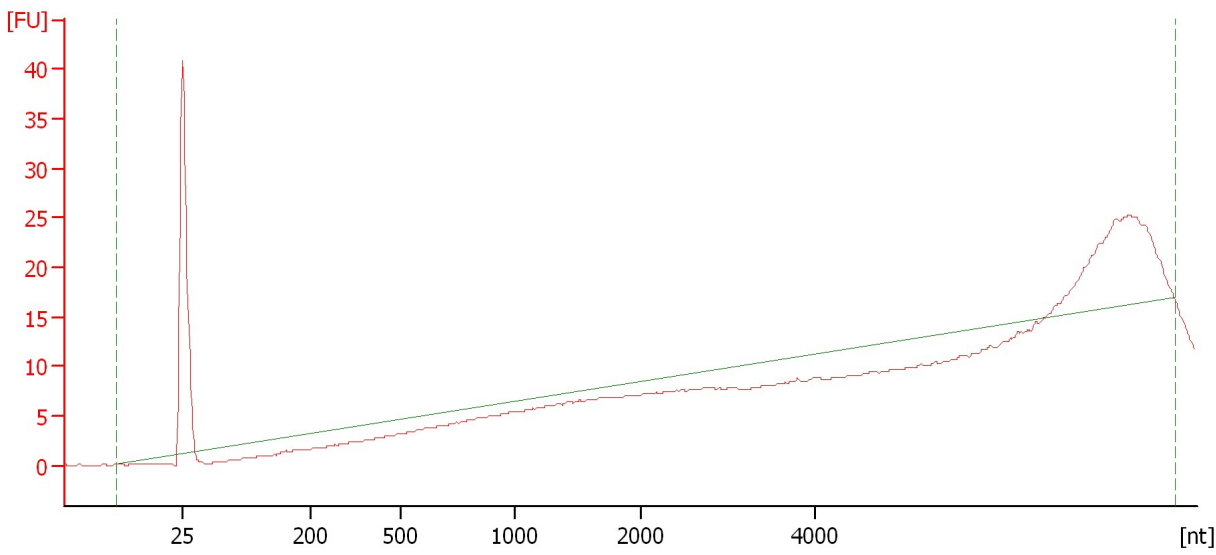
RNA Area:	517.5	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	3,401 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad


Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 8 (1:5) [Bisufite Converted DNA]



Overall Results for sample 8 : Sample 8 (1:5)

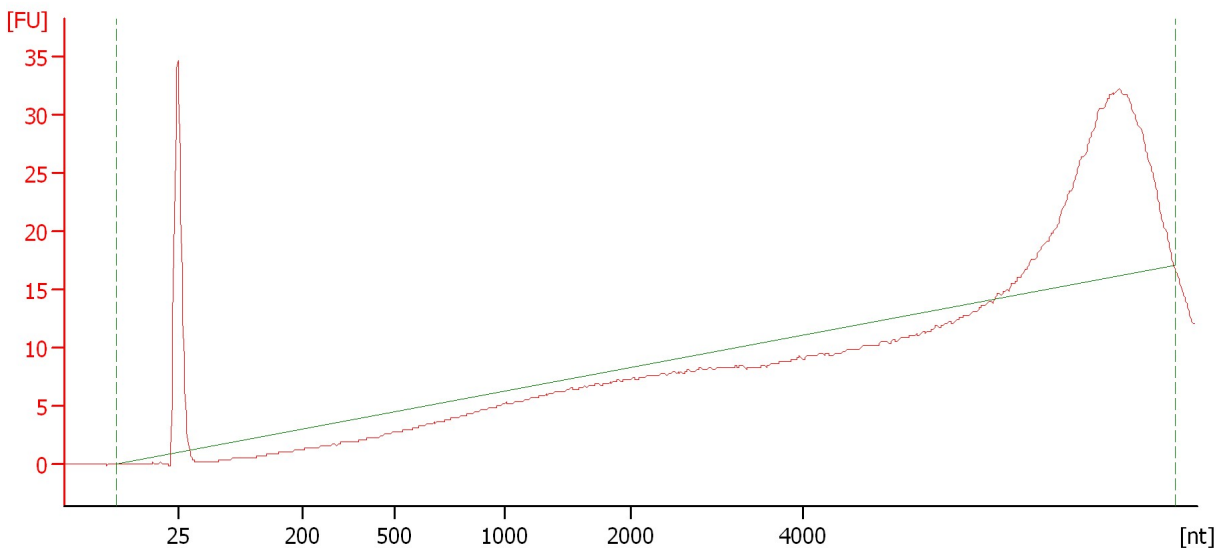
RNA Area:	45.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	299 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad


Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 9 (1:5) [Bisufite Converted DNA]



Overall Results for sample 9 : Sample 9 (1:5)

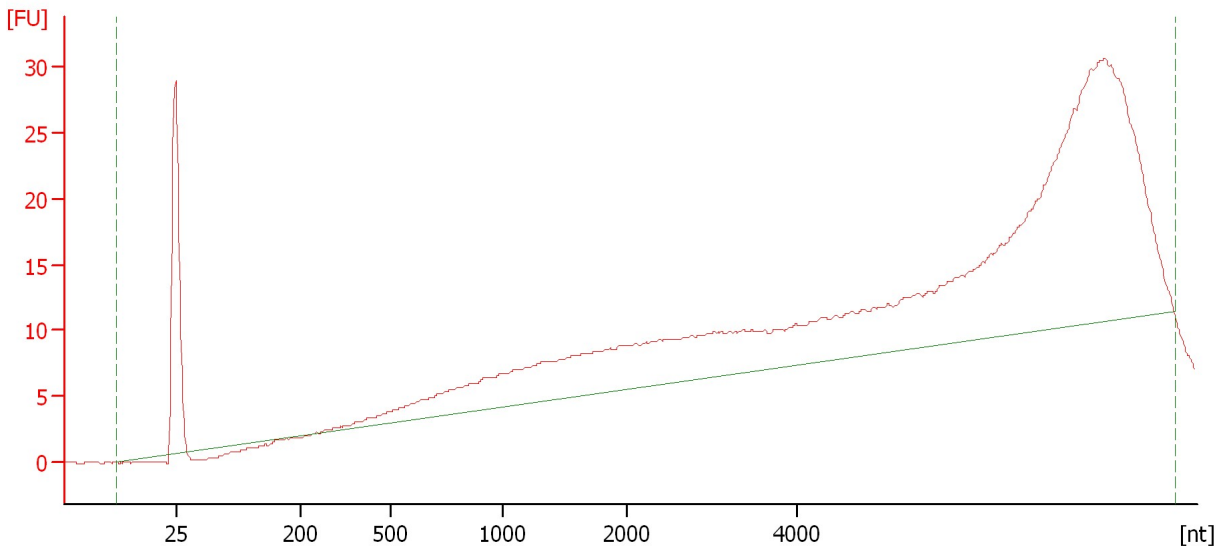
RNA Area:	99.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	651 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad


Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 10 (1:3) [Bisufite Converted DNA]



Overall Results for sample 10 : Sample 10 (1:3)

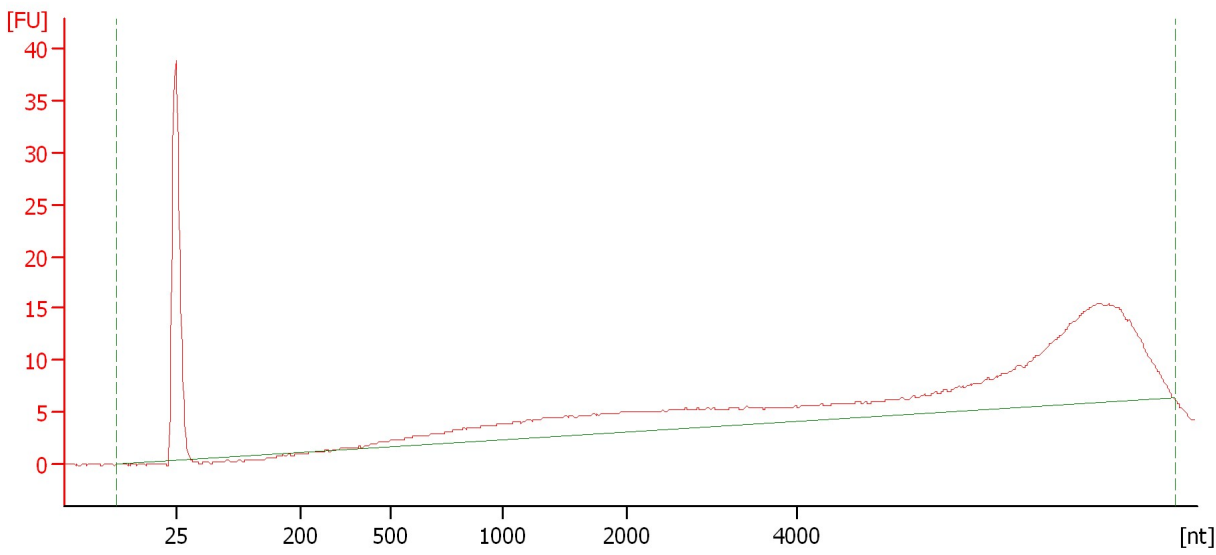
RNA Area:	351.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2,307 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad


Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Electropherogram Summary Continued ...

Sample 11 (1:10) [Bisufite Converted DNA]



Overall Results for sample 11 : Sample 11 (1:10)

RNA Area:	183.9	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1,209 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_003.xad

Created: 3/19/2018 11:57:40 AM
Modified: 3/19/2018 12:20:38 PM

Gel Image

