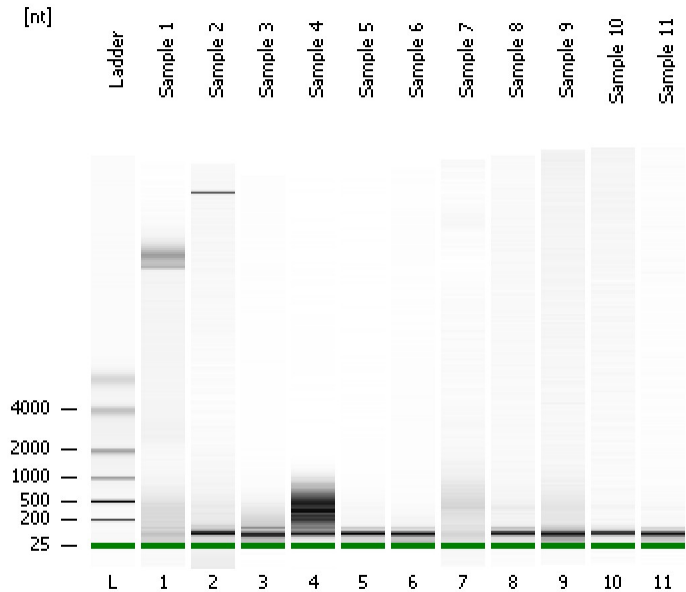


Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

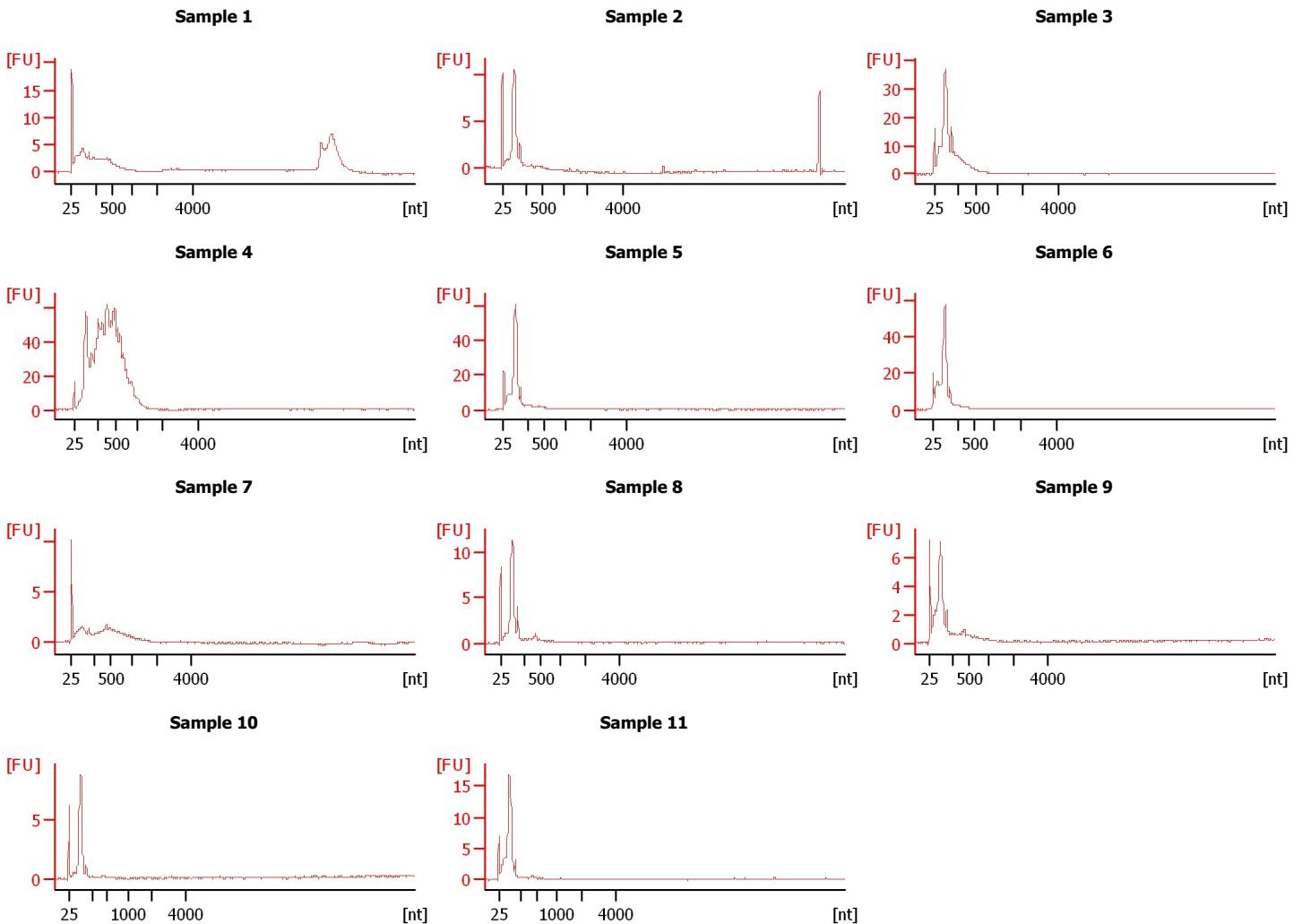
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

Assay Class: mRNA Pico
Version: 2.6
Assay Comments: mRNA Analysis pg sensitivity

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Chip Information:

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



Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1		✓		
Sample 2		✓		
Sample 3		✓		
Sample 4		✓		
Sample 5		✓		
Sample 6		✓		
Sample 7		✓		
Sample 8		✓		
Sample 9		✓		
Sample 10		✓		
Sample 11		✓		
Ladder		✓		

Chip Lot #

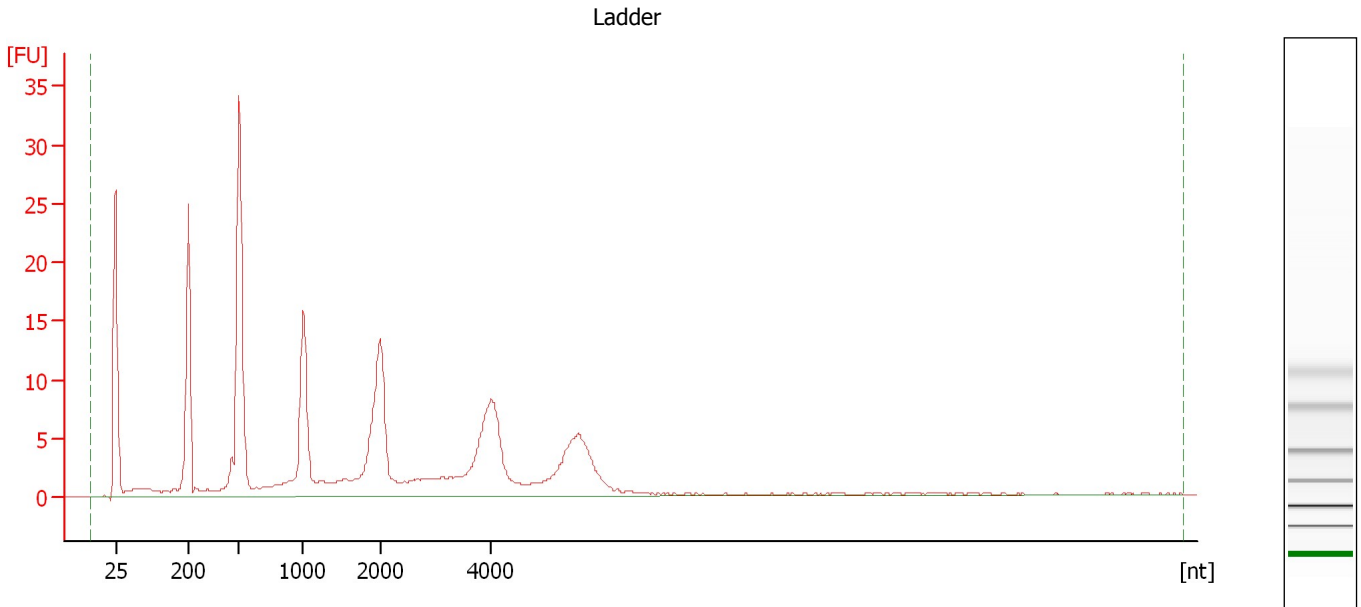
Reagent Kit Lot #

Chip Comments :

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary



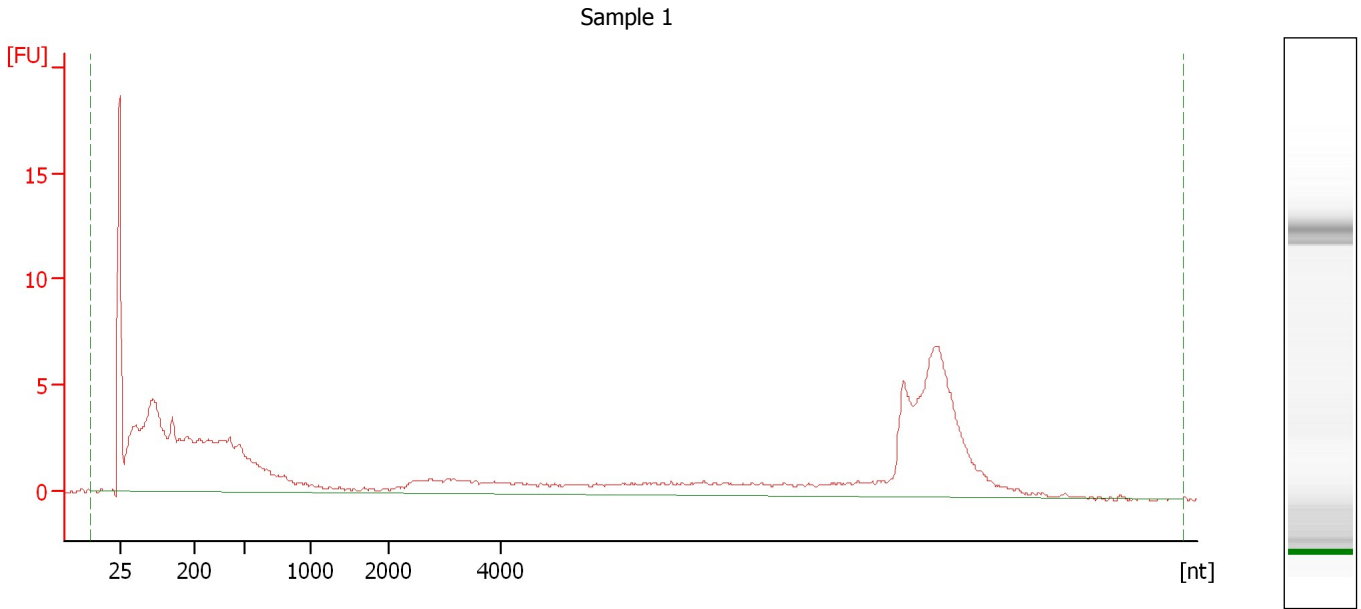
Overall Results for Ladder

RNA Area: 278.1 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Sample 1

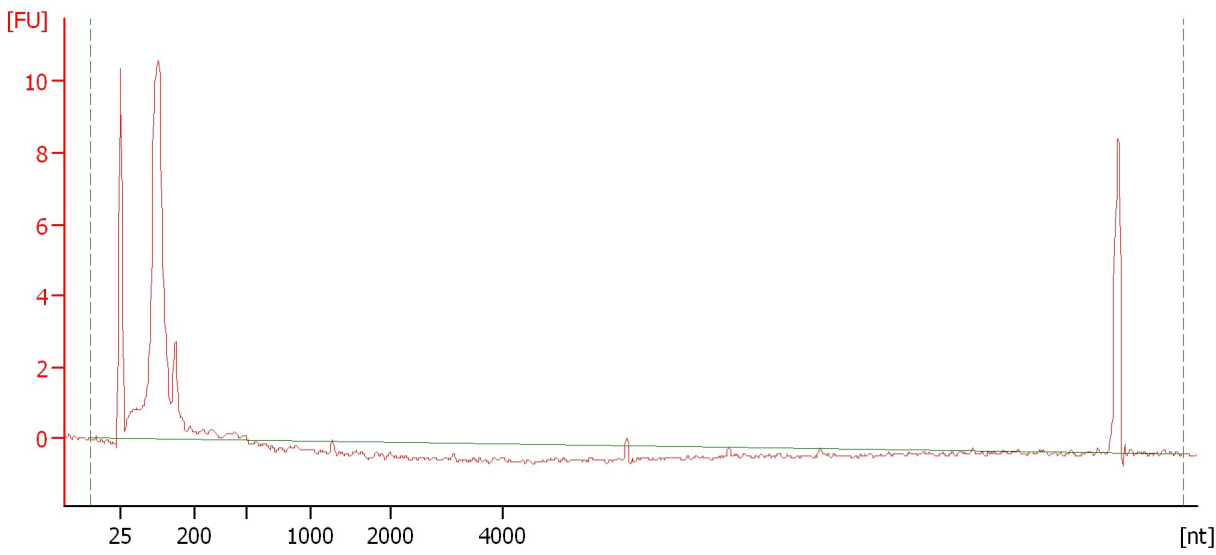
RNA Area:	177.2	rRNA Contamination:	0.0 %
RNA Concentration:	637 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...

Sample 2



Overall Results for sample 2 : Sample 2

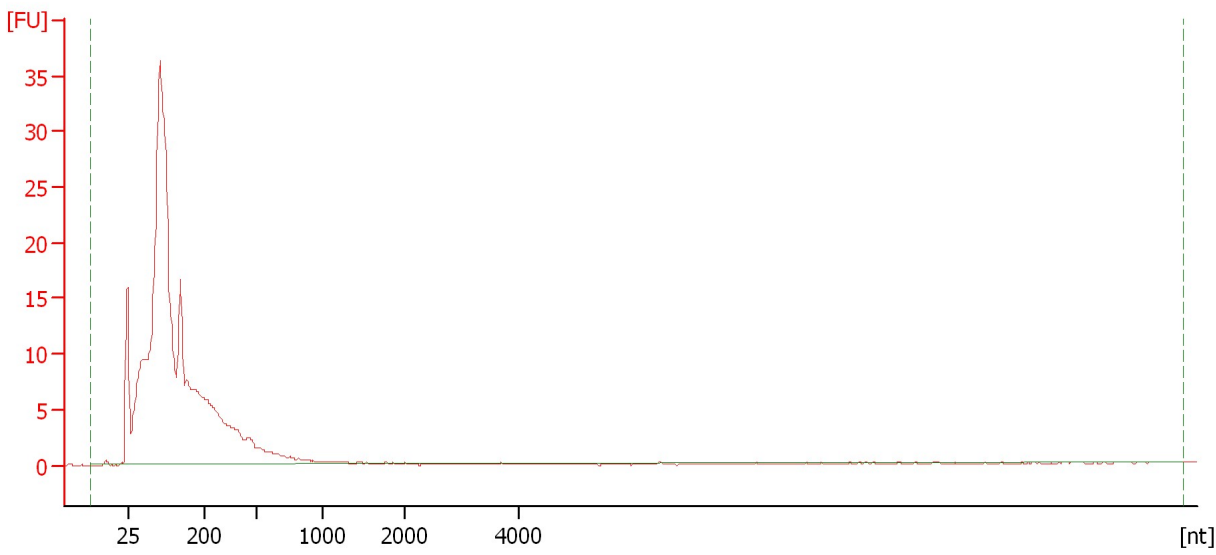
RNA Area: 60.5 rRNA Contamination: 0.0 %
RNA Concentration: 218 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...

Sample 3



Overall Results for sample 3 : Sample 3

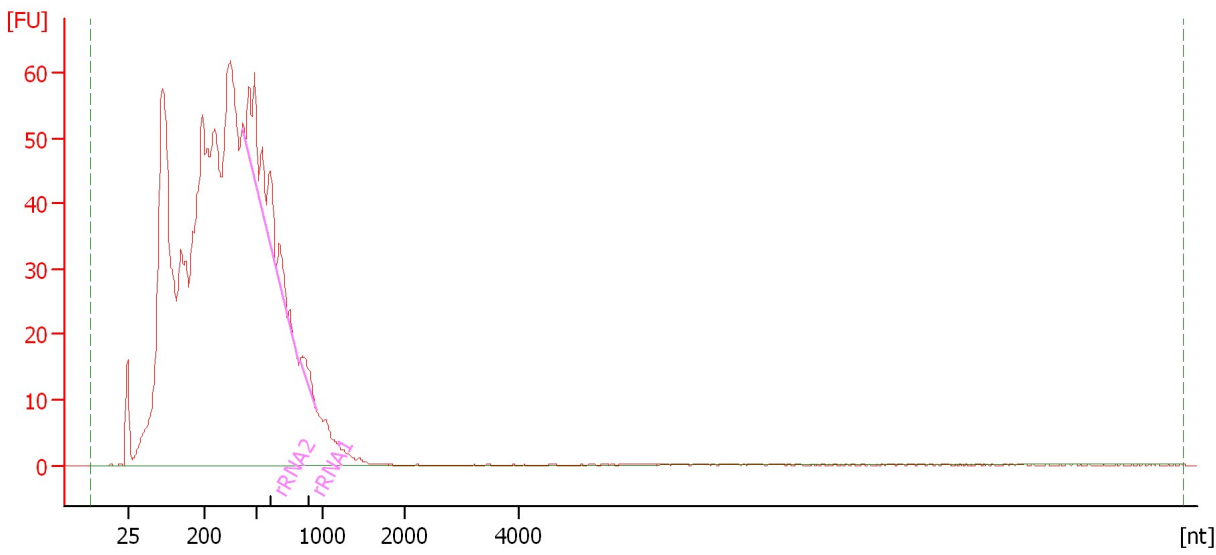
RNA Area:	341.3	rRNA Contamination:	0.0 %
RNA Concentration:	1,227 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...

Sample 4



Overall Results for sample 4 : Sample 4

RNA Area: 1,666.7 rRNA Contamination: 4.7 %
RNA Concentration: 5,994 pg/μl

Fragment table for sample 4 : Sample 4

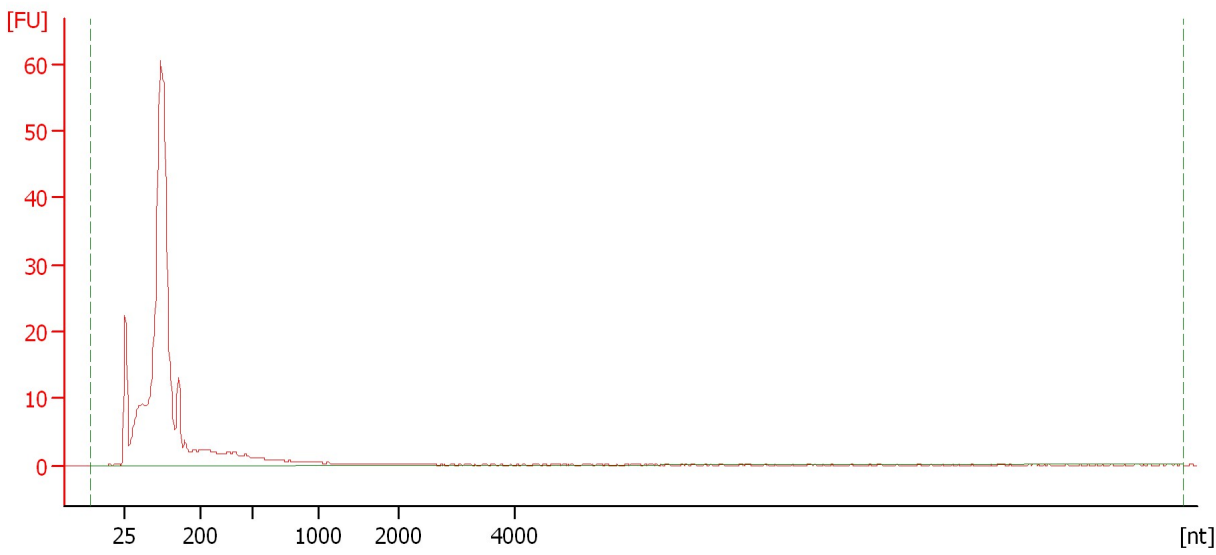
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	415	808	72.6	4.4
rRNA1	826	945	6.4	0.4

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...

Sample 5



Overall Results for sample 5 : Sample 5

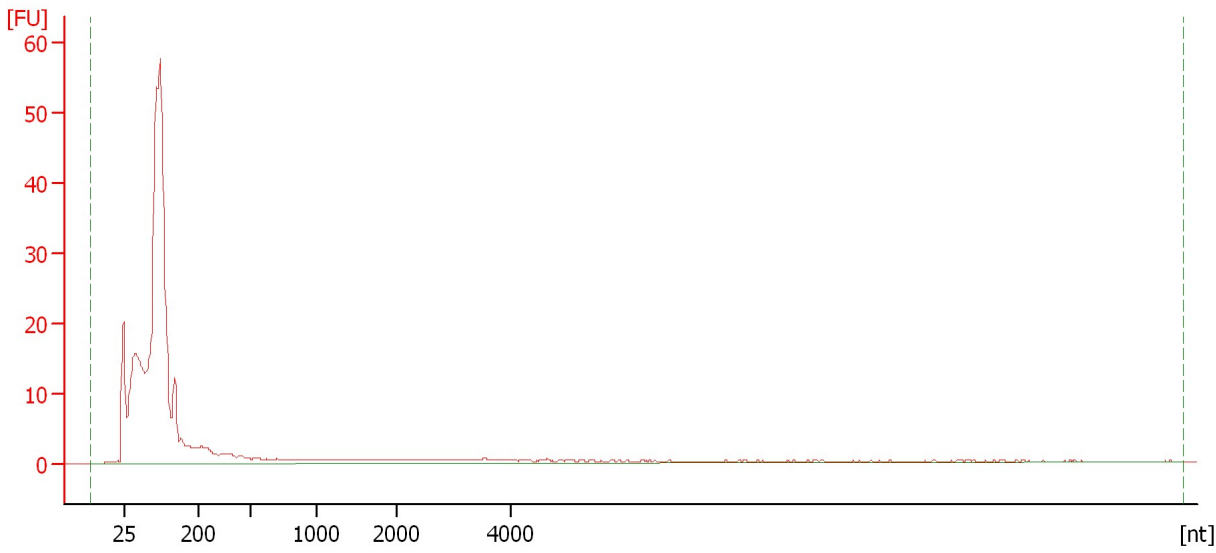
RNA Area: 353.1 rRNA Contamination: 0.0 %
RNA Concentration: 1,270 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...

Sample 6



Overall Results for sample 6 : Sample 6

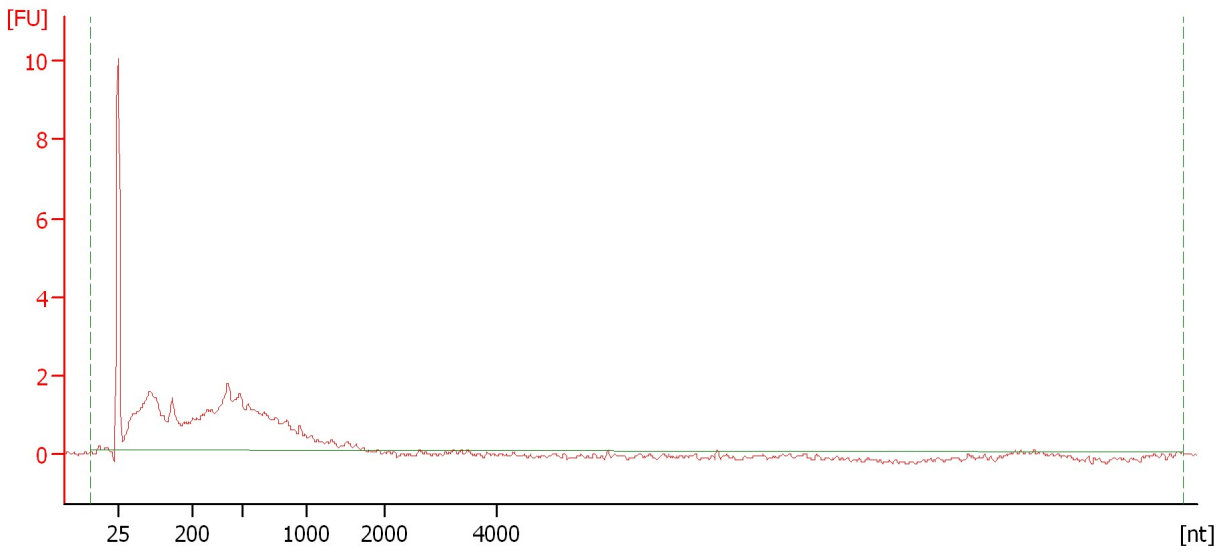
RNA Area: 394.6 rRNA Contamination: 0.0 %
RNA Concentration: 1,419 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...

Sample 7



Overall Results for sample 7 : Sample 7

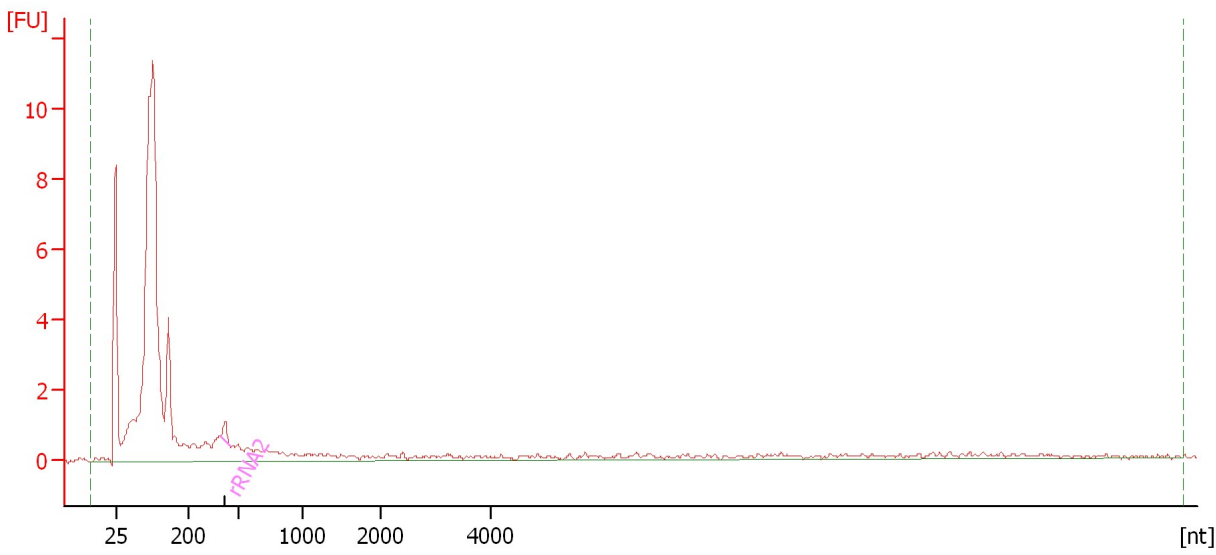
RNA Area: 50.4 rRNA Contamination: 0.0 %
RNA Concentration: 181 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...

Sample 8



Overall Results for sample 8 : Sample 8

RNA Area: 80.2 rRNA Contamination: 0.7 %
RNA Concentration: 288 pg/μl

Fragment table for sample 8 : Sample 8

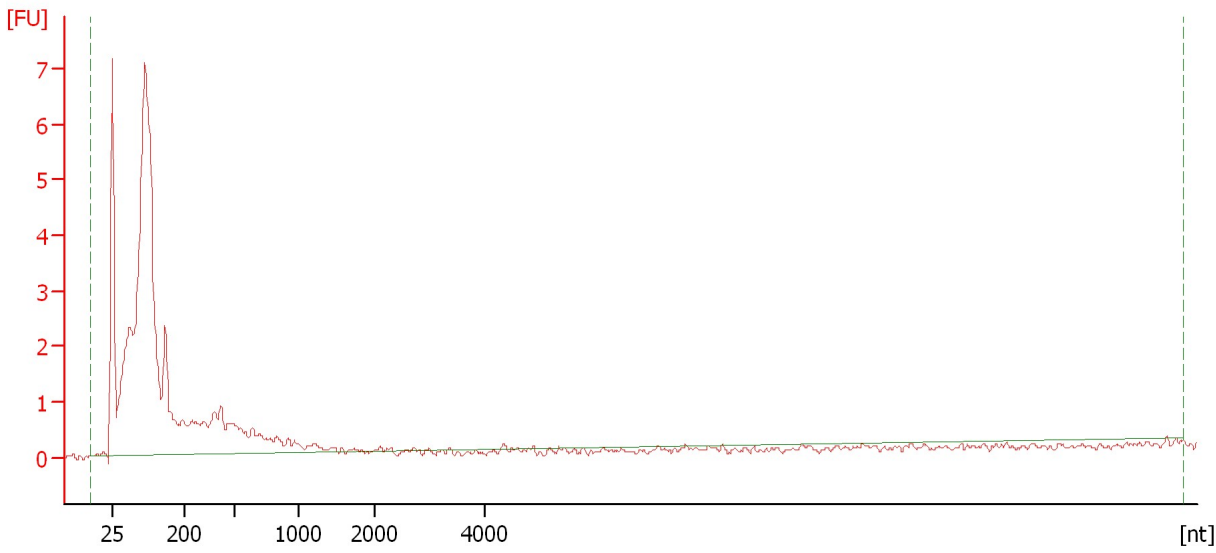
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	390	442	0.6	0.7

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...

Sample 9



Overall Results for sample 9 : Sample 9

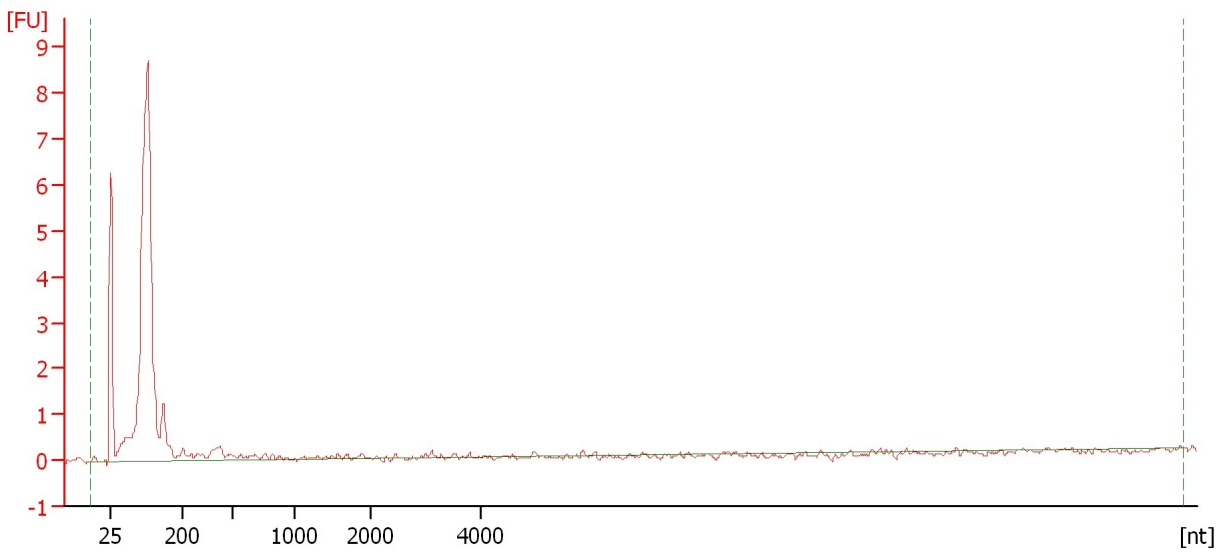
RNA Area:	65.5	rRNA Contamination:	0.0 %
RNA Concentration:	236 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...

Sample 10



Overall Results for sample 10 : Sample 10

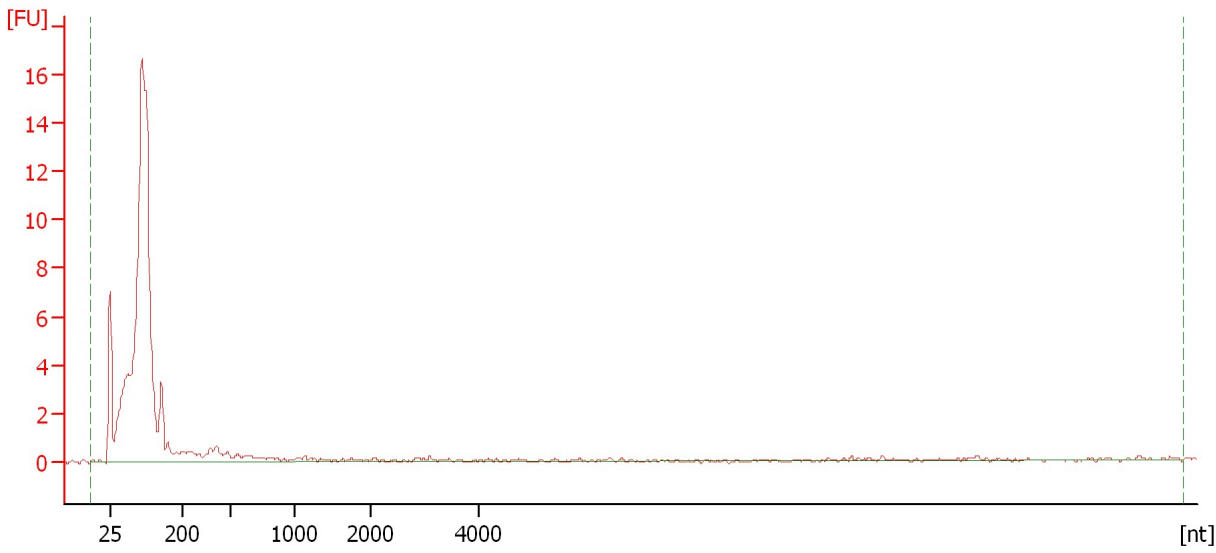
RNA Area: 41.7 rRNA Contamination: 0.0 %
RNA Concentration: 150 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Electropherogram Summary Continued ...

Sample 11



Overall Results for sample 11 : Sample 11

RNA Area:	107.0	rRNA Contamination:	0.0 %
RNA Concentration:	385 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-30\2018-01-30_003.xad

Created: 1/30/2018 1:46:26 PM
Modified: 1/30/2018 2:12:15 PM

Gel Image

