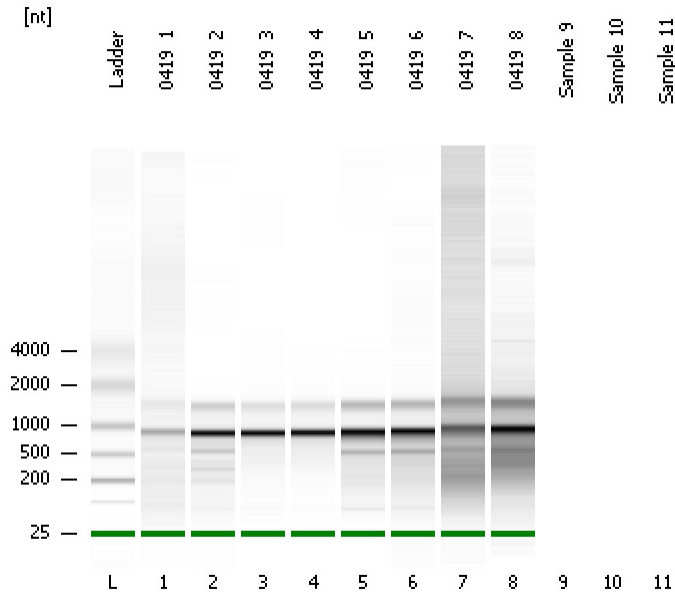


Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

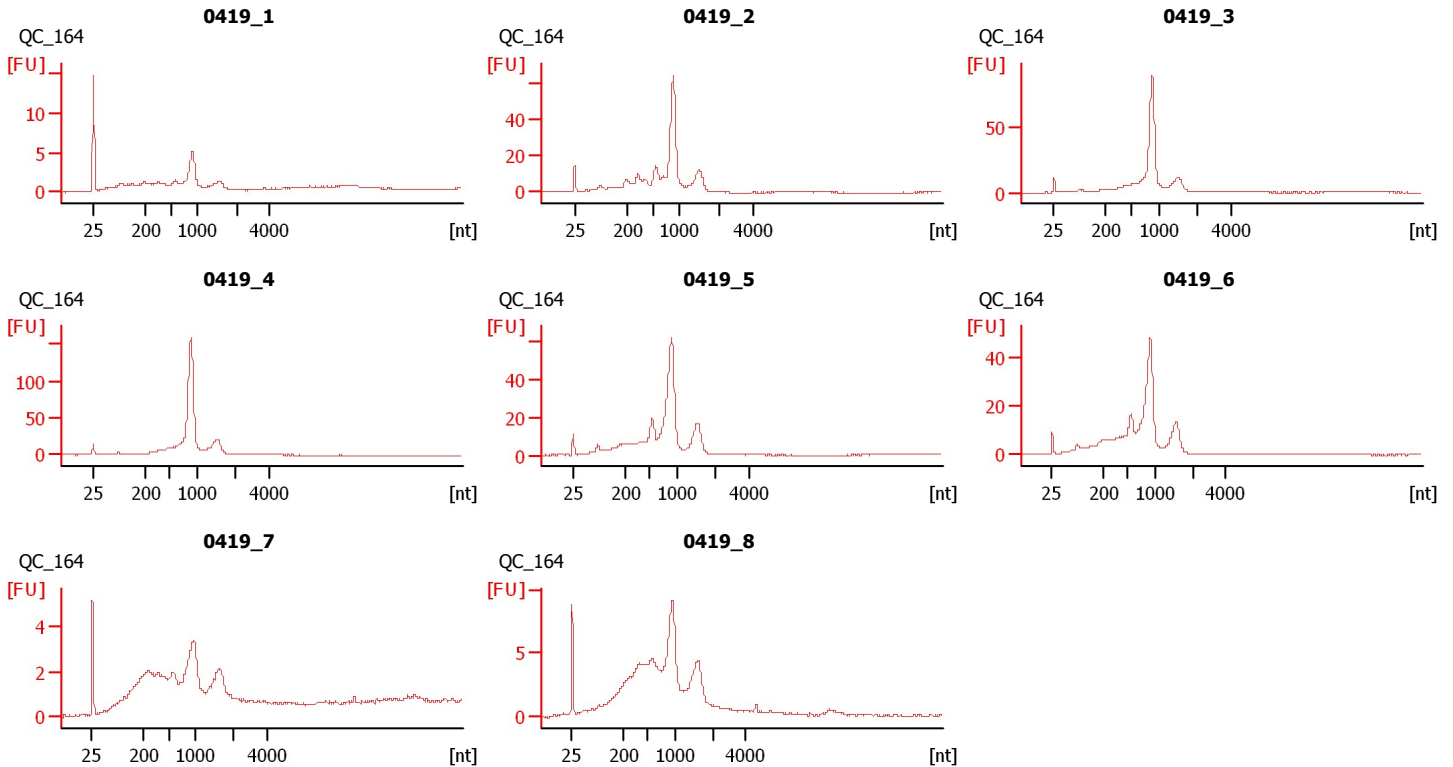
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

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\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Electrophoresis File Run Summary (Chip Summary)

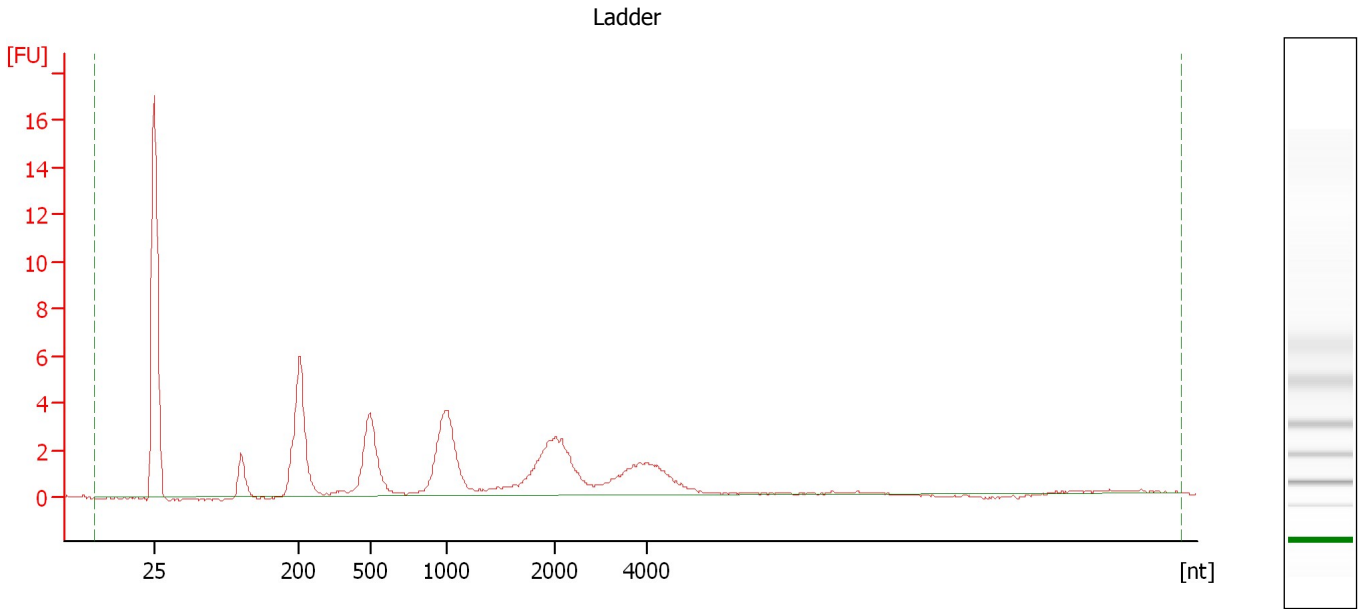
Sample Name	Sample Comment	Status	Result Label	Result Color
0419_1	QC_164	✓		
0419_2	QC_164	✓		
0419_3	QC_164	✓		
0419_4	QC_164	✓		
0419_5	QC_164	✓		
0419_6	QC_164	✓		
0419_7	QC_164	✓		
0419_8	QC_164	✓		
Sample 9				
Sample 10				
Sample 11				
Ladder		✓		

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

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Electropherogram Summary



Overall Results for Ladder

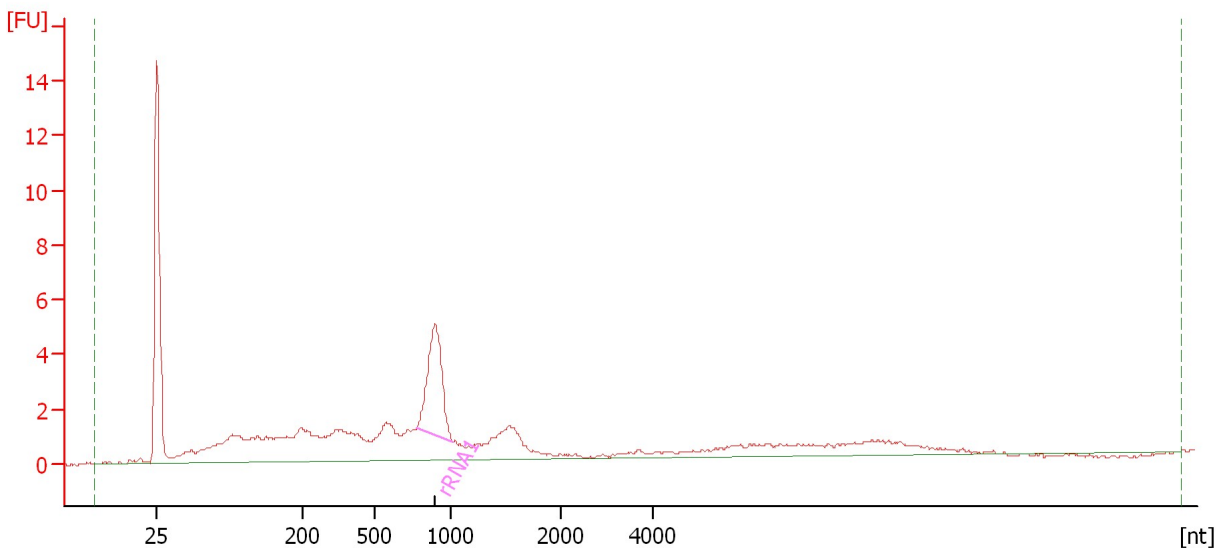
RNA Area: 75.6 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Electropherogram Summary Continued ...

0419_1 [QC_164]



Overall Results for sample 1 : 0419_1

RNA Area: 88.5 rRNA Contamination: 12.7 %
RNA Concentration: 1,172 pg/μl

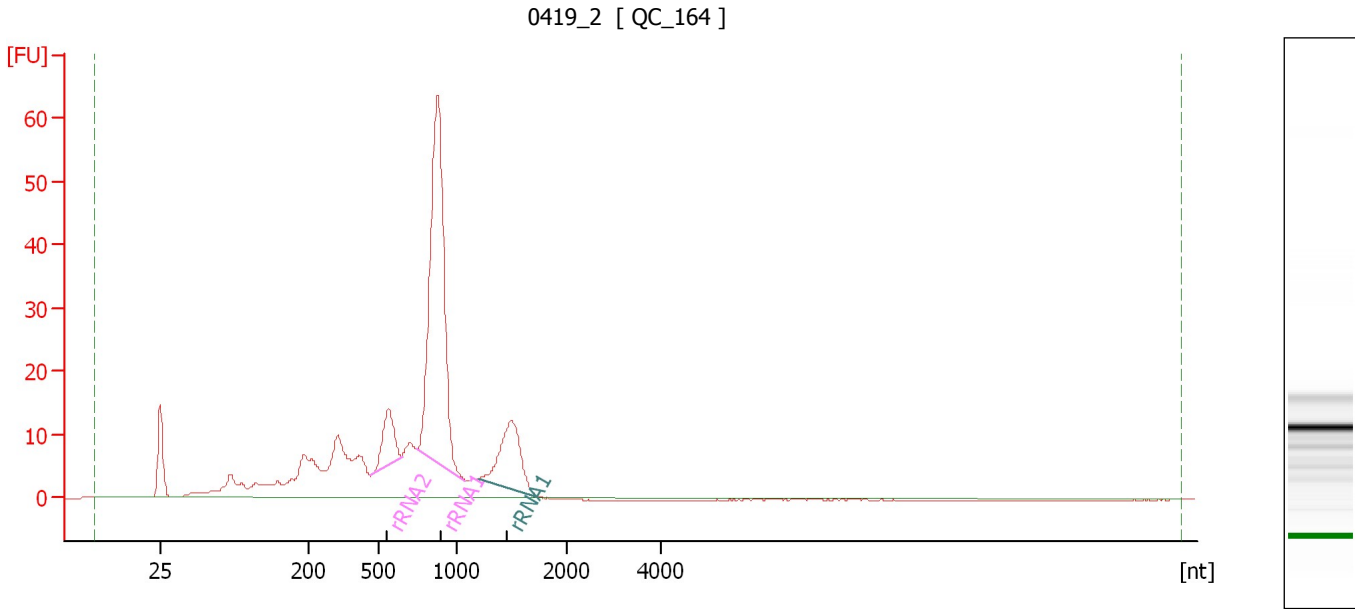
Fragment table for sample 1 : 0419_1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	784	1,016	11.2	12.7

Assay Class: mRNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
 Modified: 4/20/2017 10:23:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 0419_2

RNA Area: 473.8 rRNA Contamination: 45.2 %
 RNA Concentration: 6,271 pg/μl

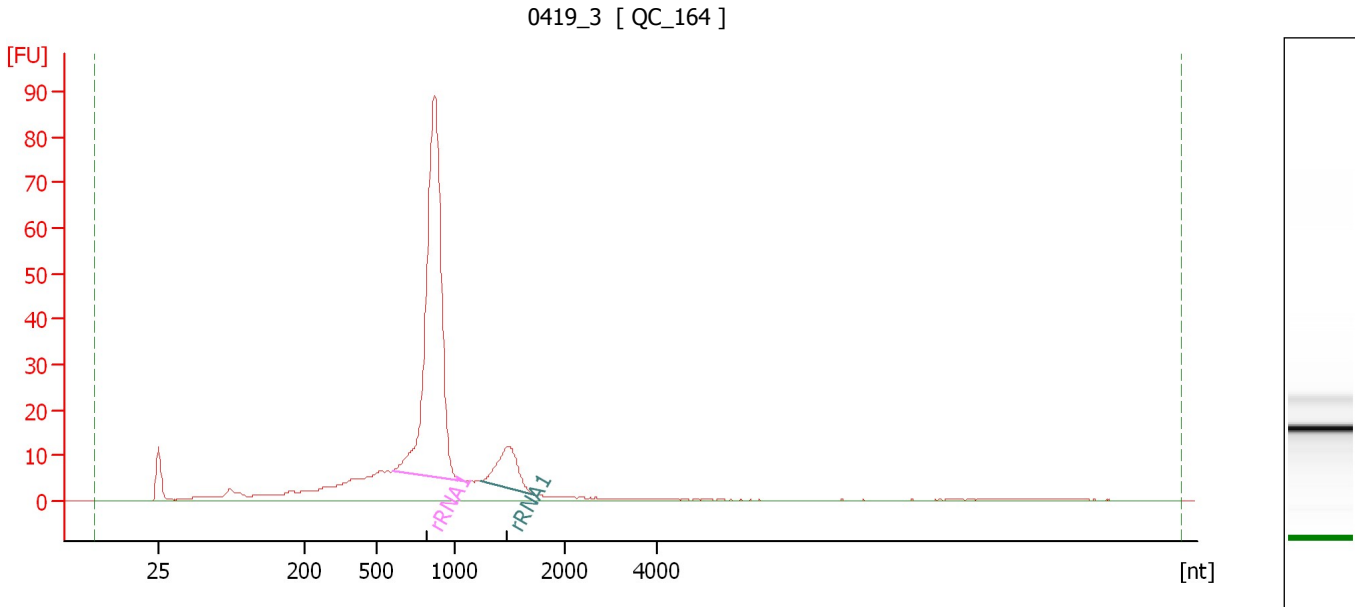
Fragment table for sample 2 : 0419_2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	467	644	20.7	4.4
rRNA1	746	1,075	155.3	32.8
rRNA1	1,198	1,726	38.1	8.0

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 0419_3

RNA Area: 520.7 rRNA Contamination: 54.0 %
RNA Concentration: 6,891 pg/μl

Fragment table for sample 3 : 0419_3

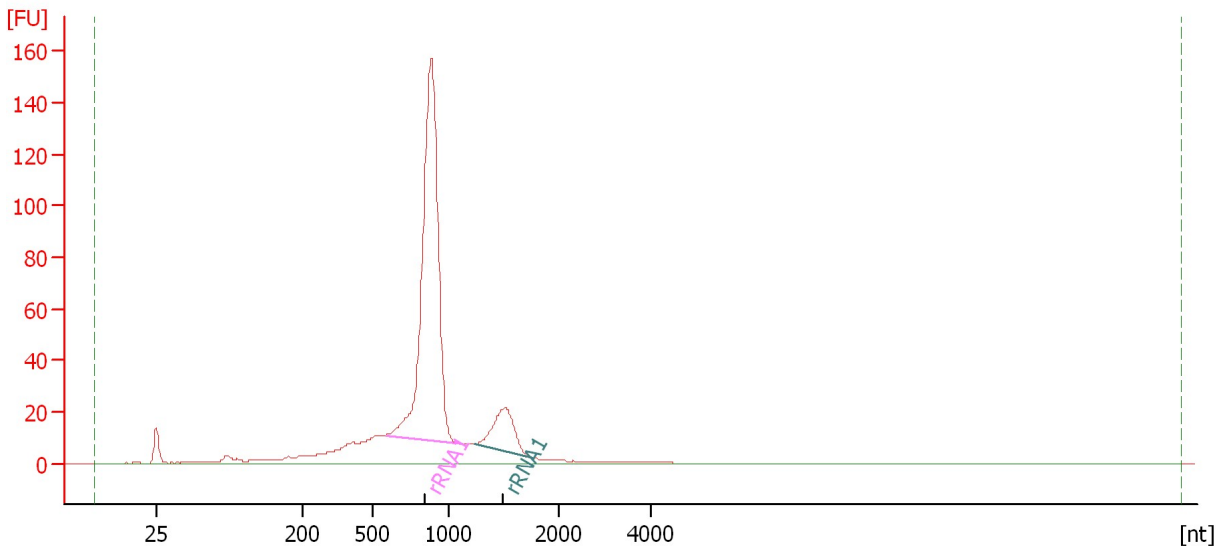
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	600	1,082	249.3	47.9
rRNA1	1,249	1,735	31.9	6.1

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Electropherogram Summary Continued ...

0419_4 [QC_164]



Overall Results for sample 4 : 0419_4

RNA Area: 863.3 rRNA Contamination: 60.2 %
RNA Concentration: 11,426 pg/μl

Fragment table for sample 4 : 0419_4

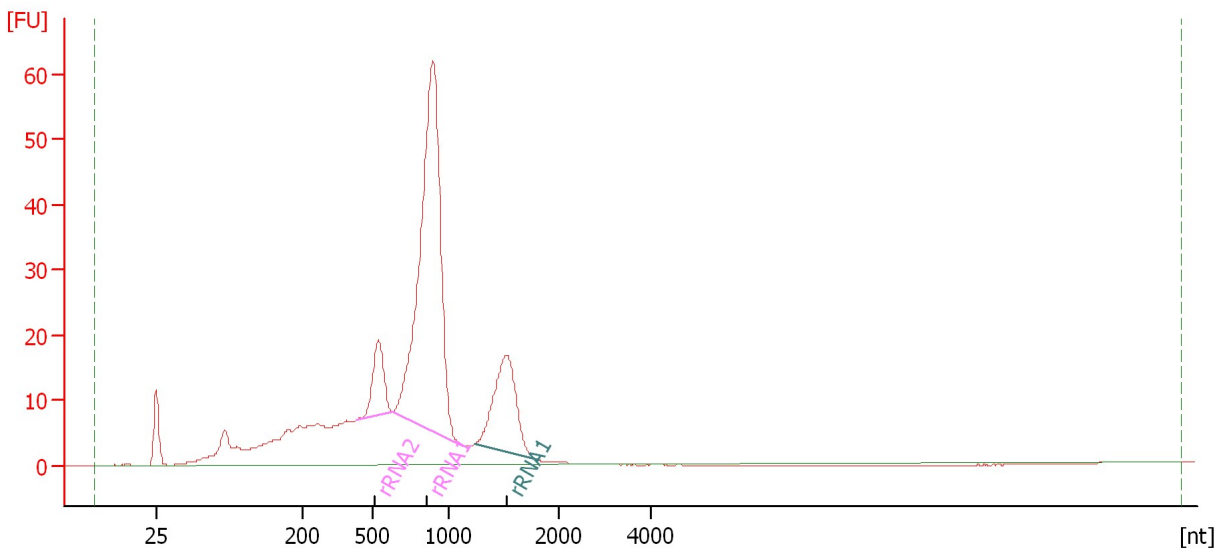
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	586	1,125	456.9	52.9
rRNA1	1,227	1,761	62.6	7.3

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Electropherogram Summary Continued ...

0419_5 [QC_164]



Overall Results for sample 5 : 0419_5

RNA Area: 600.1 rRNA Contamination: 51.5 %
RNA Concentration: 7,942 pg/μl

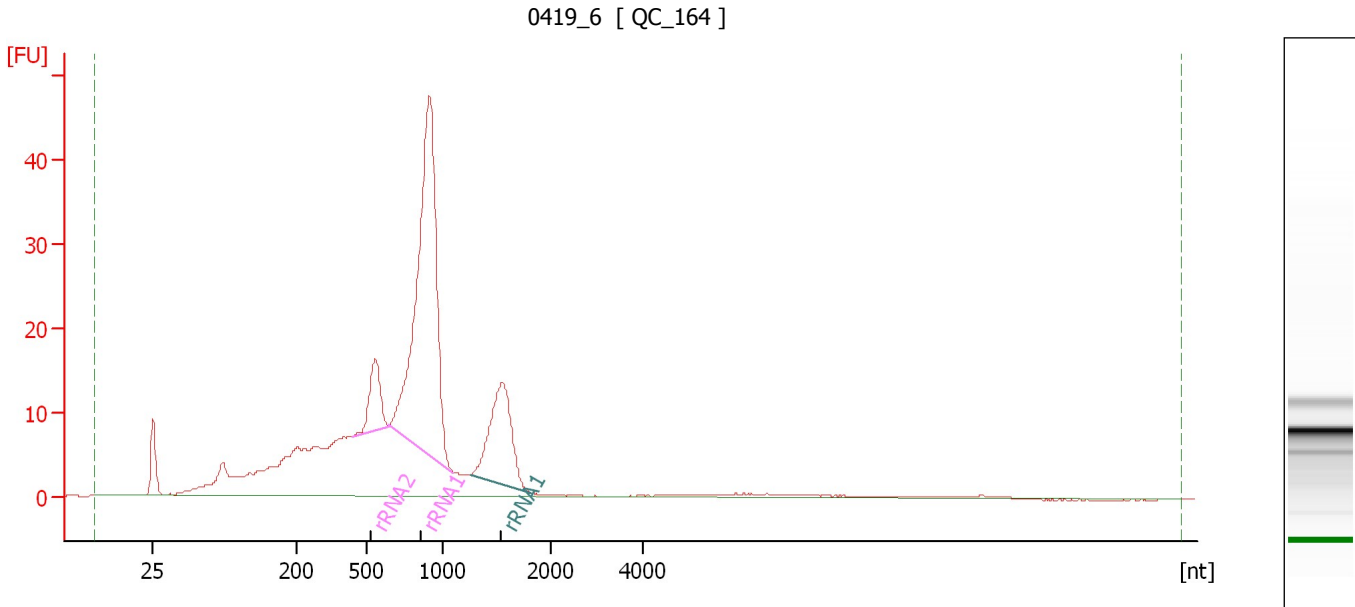
Fragment table for sample 5 : 0419_5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	430	627	26.9	4.5
rRNA1	632	1,118	224.0	37.3
rRNA1	1,235	1,827	58.3	9.7

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 0419_6

RNA Area: 519.3 rRNA Contamination: 43.2 %
RNA Concentration: 6,874 pg/μl

Fragment table for sample 6 : 0419_6

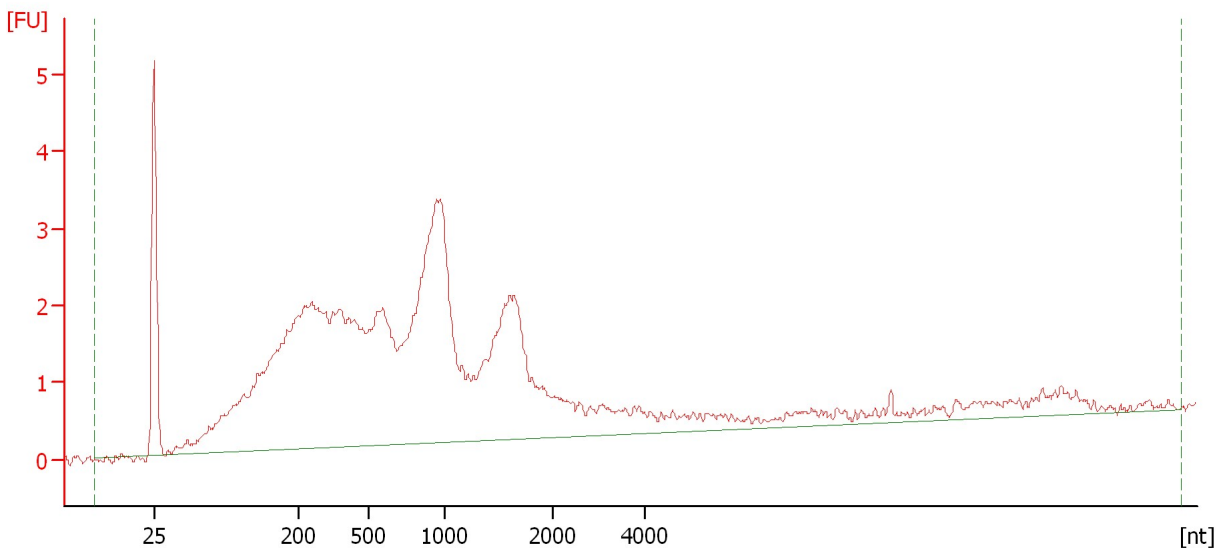
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	439	638	19.2	3.7
rRNA1	643	1,095	159.7	30.8
rRNA1	1,257	1,804	45.4	8.7

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Electropherogram Summary Continued ...

0419_7 [QC_164]



Overall Results for sample 7 : 0419_7

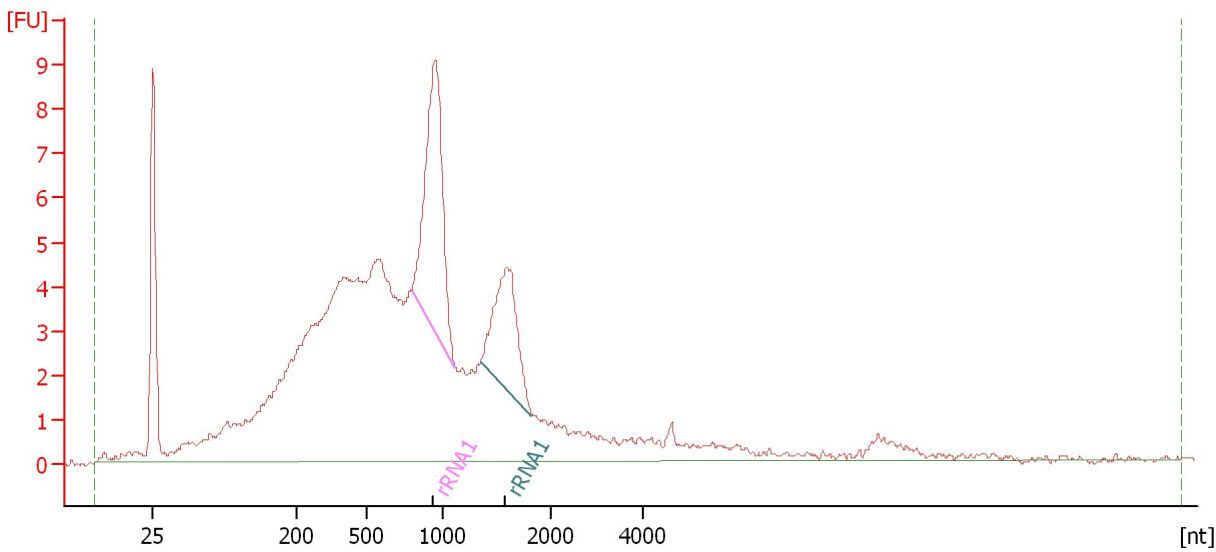
RNA Area: 103.9 rRNA Contamination: 0.0 %
RNA Concentration: 1,375 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Electropherogram Summary Continued ...

0419_8 [QC_164]



Overall Results for sample 8 : 0419_8

RNA Area: 209.4 rRNA Contamination: 15.0 %
RNA Concentration: 2,772 pg/μl

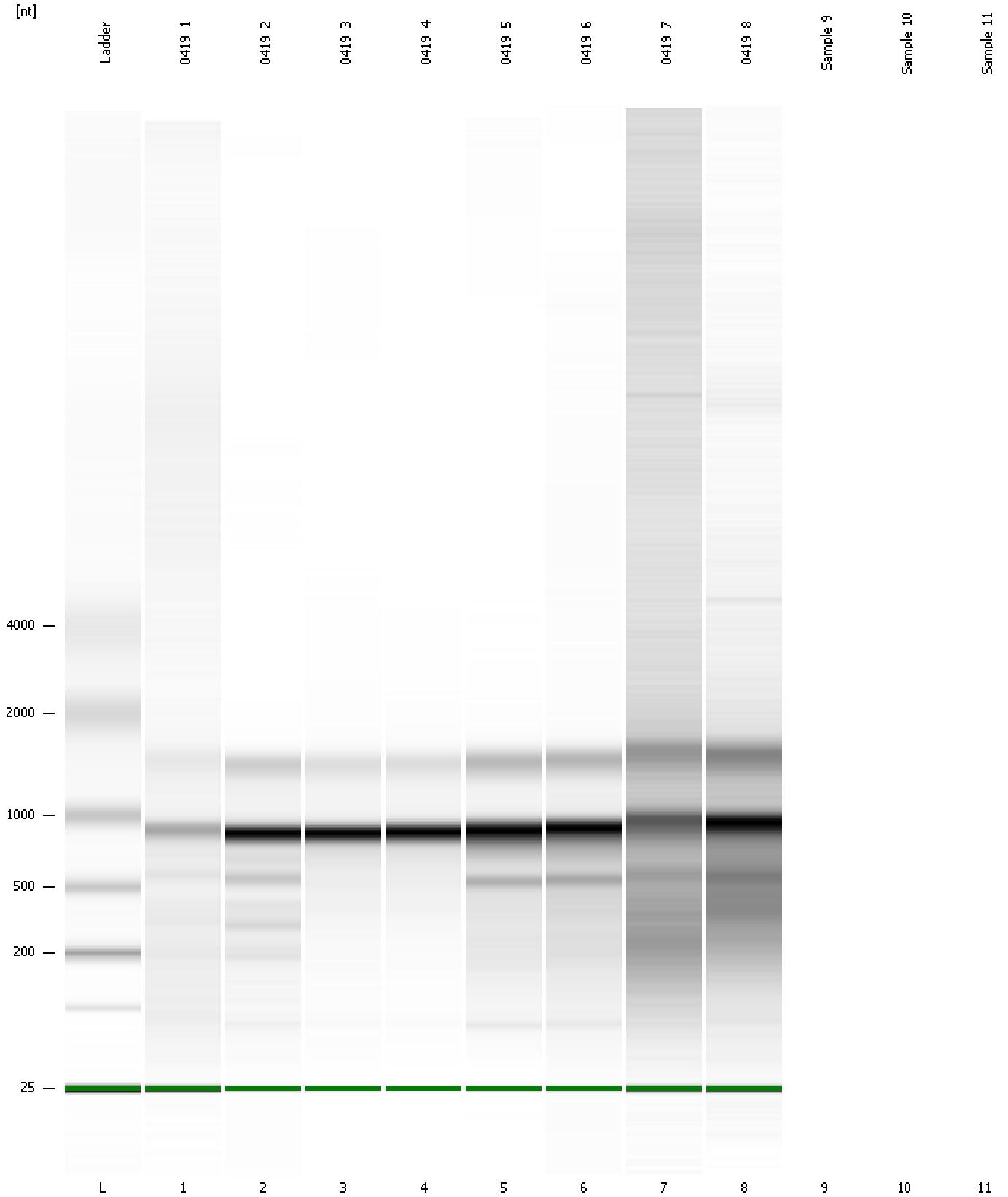
Fragment table for sample 8 : 0419_8

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	795	1,109	20.2	9.7
rRNA1	1,346	1,819	11.1	5.3

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Gel Image



Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-20\2017-04-20_001.xad

Created: 4/20/2017 10:02:23 AM
Modified: 4/20/2017 10:23:16 AM

Invalid Samples

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.