

Fragment Analyzer Run Summary:

Filename and Data Path: C:\AATI\Data\2019 06 14\Jabbour_FFPERNA_QC_run1_061419 10-46-32\2019 06 14

Filename and Data Path: 10H 46M.raw

Created: Friday, June 14, 2019 11:06:14 AM

of Capillaries: 12

Array Serial #: 100118-05SFS

Effect Length: 33 cm

Array Usage Count: 86

FA Version #: 1.2.0.11

Device Serial #: 2692

METHOD INFORMATION

Method Name: DNF-471-33 - SS Total RNA 15nt.mthds

Gel Prime: No

Full Conditioning: Yes

Gel Prime to Buffer: Yes

Gel Selection: Gel 1

Perform Prerun: 8.0 kV, 30 sec.

Rinse: No

Marker 1: No

Rinse: Tray: 3, Row: A, # Dips: 2

Sample Injection: 5.0 kV, 4 sec.

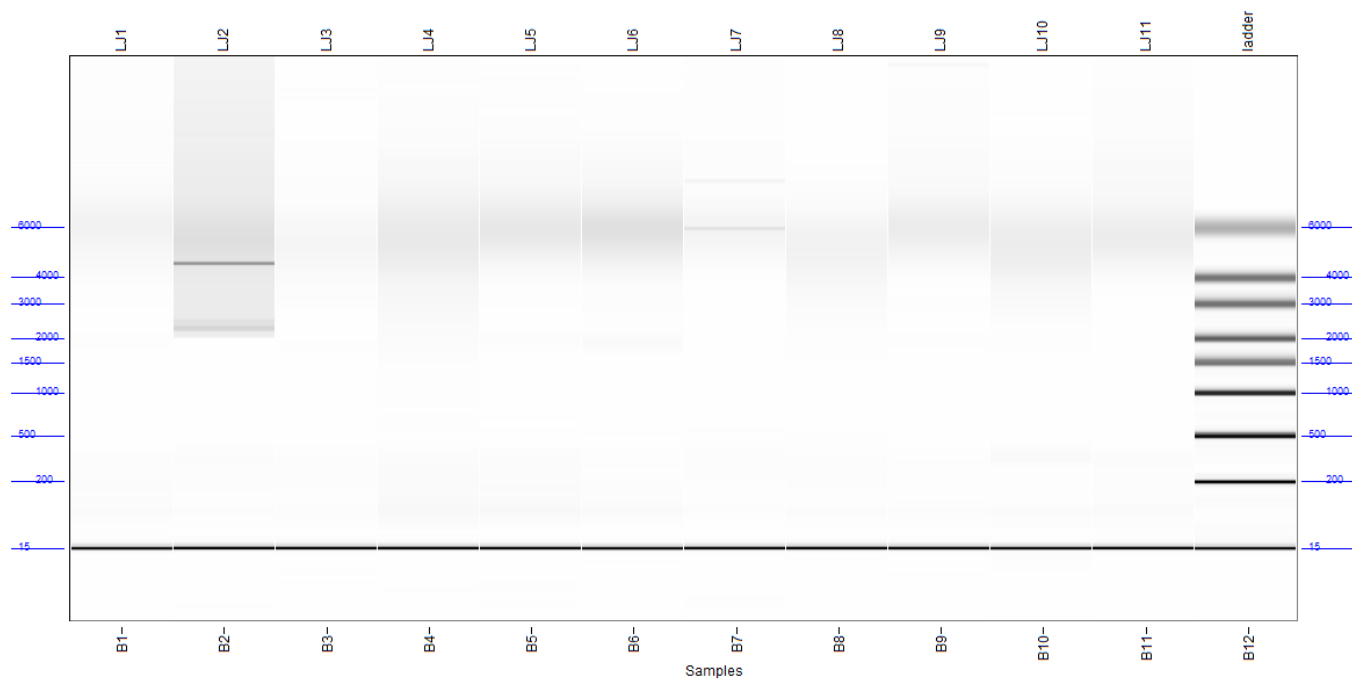
Separation: 8.0 kV, 40.0 min.

Tray Name: Tray-1

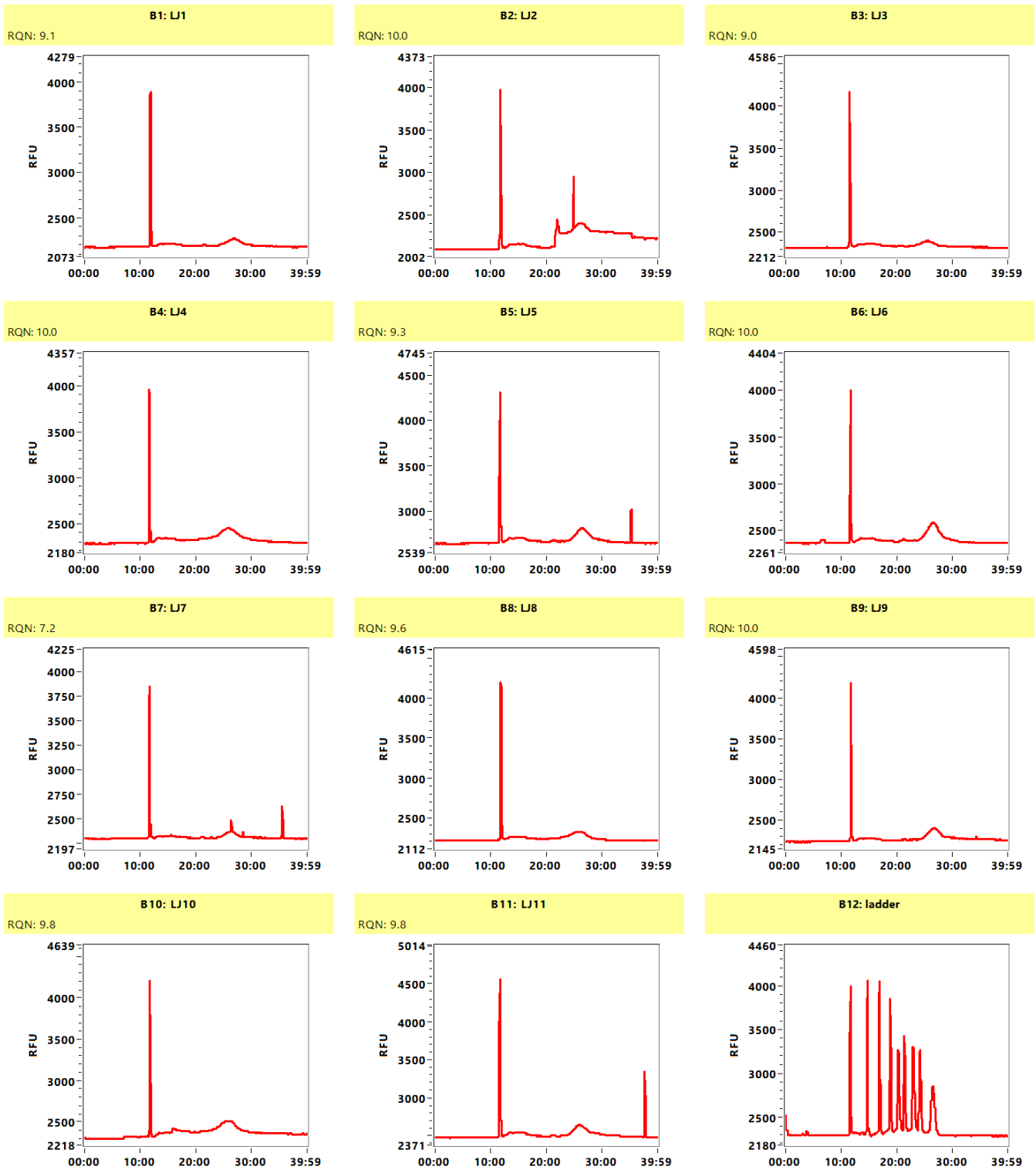
Analysis Mode: RNA (Eukaryotic)

NOTES

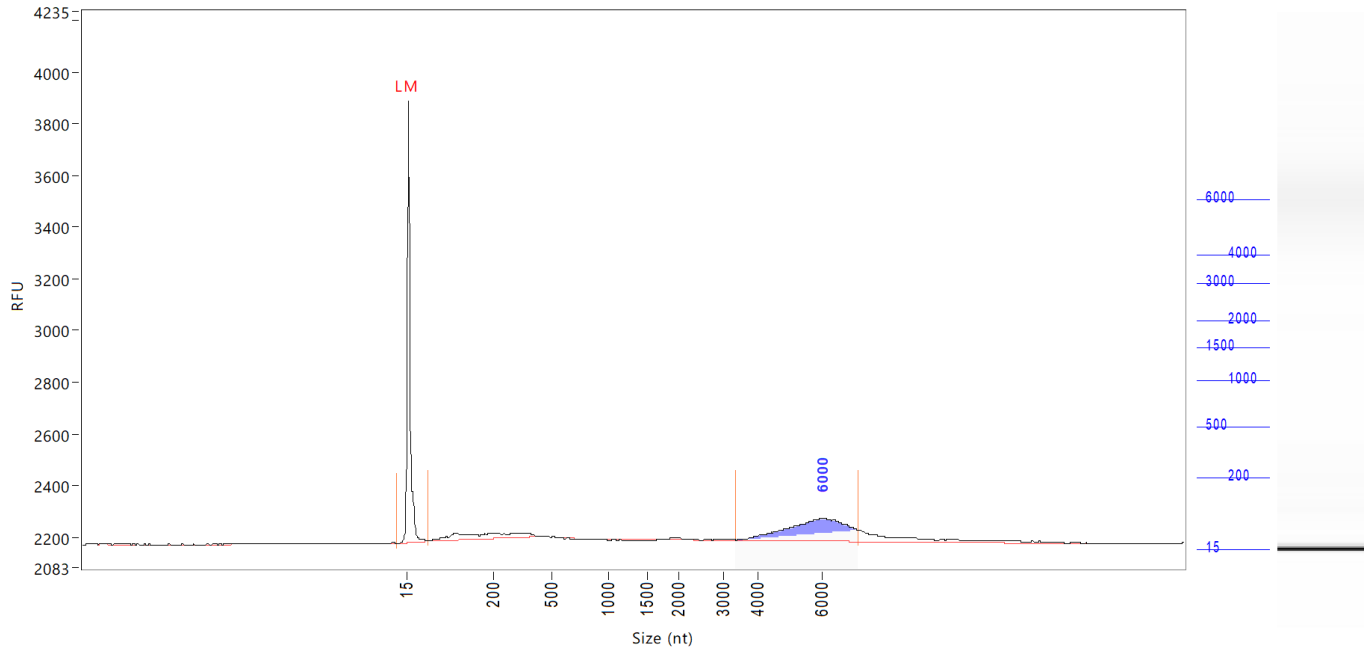
Gel Image



Filename and Data Path: C:\AATI\Data\2019 06 14\Jabbour_FFPERNA_QC_run1_061419 10-46-32\2019 06 14 10H 46M.raw



Sample: LJ1
Well Location: B1
Created: Friday, June 14, 2019 11:06:14 AM



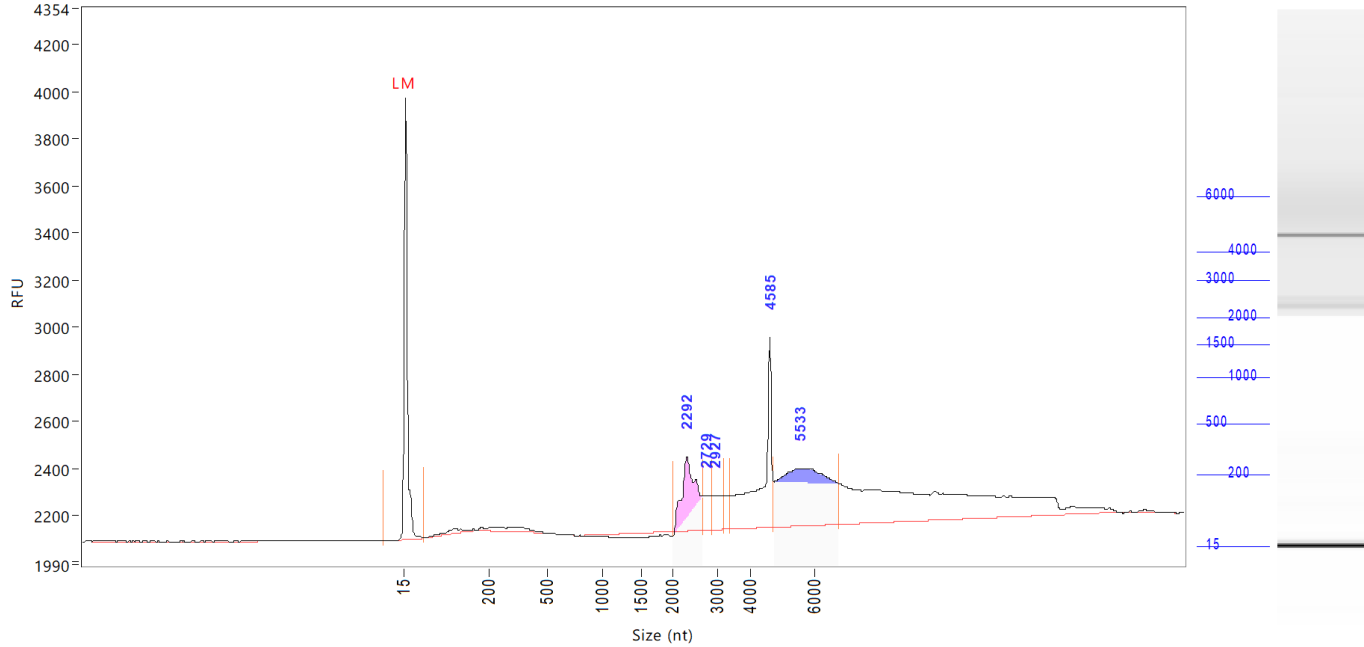
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	57	1709
2	6000	5.5747	3353	7117	86

TIC: 5.5747 ng/uL
 TIM: 3.0545 nmole/L
 Total Conc.: 9.9404 ng/uL

 28S/18S: 0.0
 RQN 9.1

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: LJ2
Well Location: B2
Created: Friday, June 14, 2019 11:06:14 AM

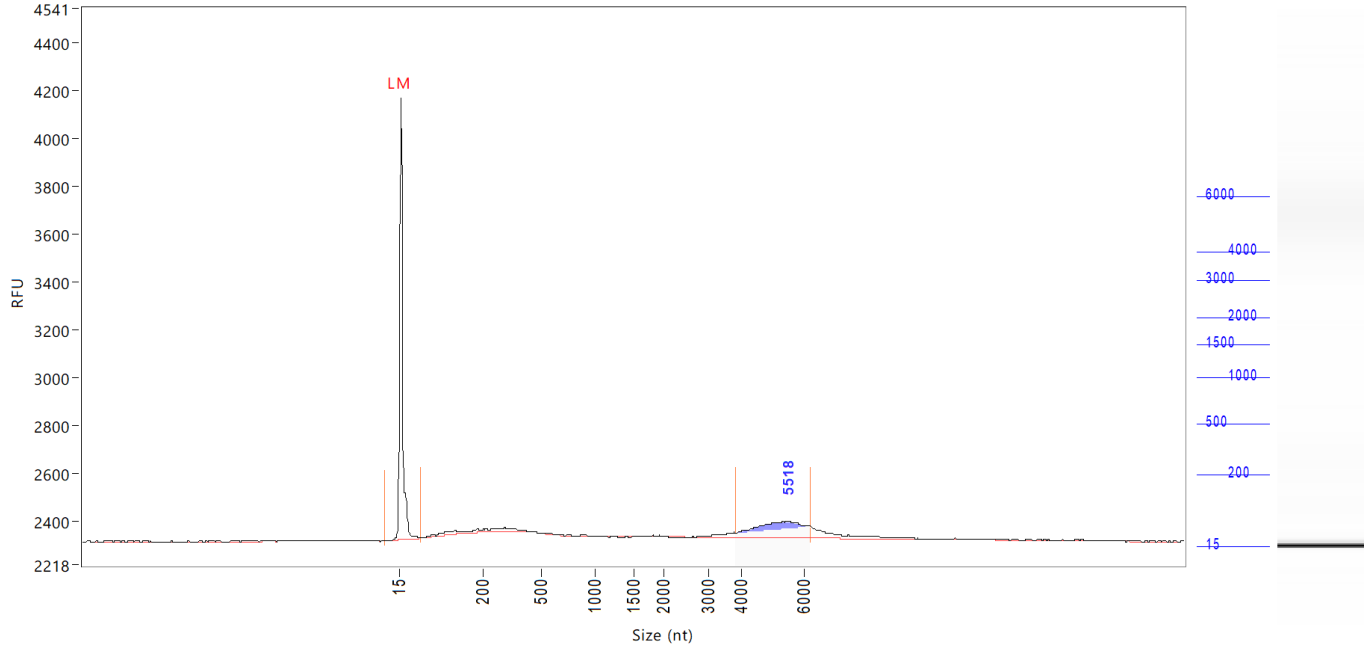


Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	58	1877
2	2292	5.4872	2000	2657	312
3	2729	1.4850	2657	2875	146
4	2927	1.6899	2875	3170	143
5	4585	8.2832	3381	4716	803
6	5533	12.5587	4716	6769	243

TIC: 29.5041 ng/uL
 TIM: 23.7575 nmole/L
 Total Conc.: 50.3850 ng/uL
 28S/18S: 0.6
 RQN 10.0

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: LJ3
Well Location: B3
Created: Friday, June 14, 2019 11:06:14 AM



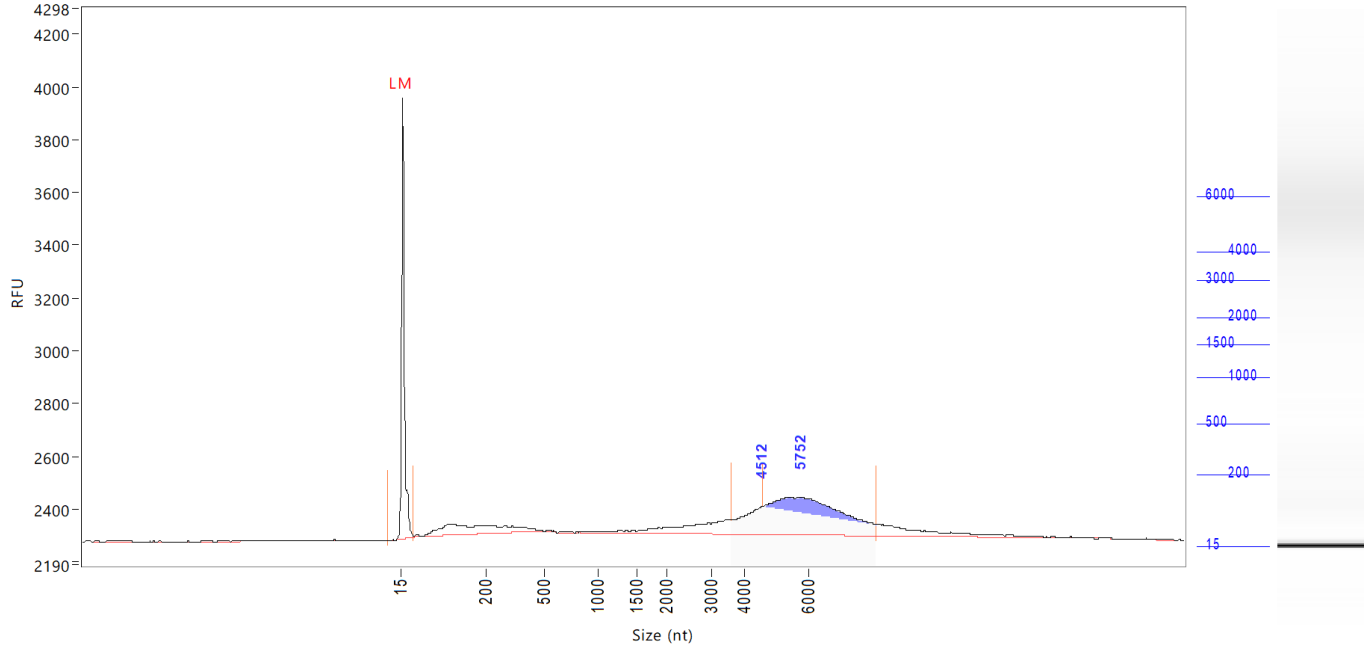
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	60	1846
2	5518	3.4529	3817	6203	66

TIC: 3.4529 ng/uL
 TIM: 2.1011 nmole/L
 Total Conc.: 6.3774 ng/uL

 28S/18S: 0.0
 RQN 9.0

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: LJ4
Well Location: B4
Created: Friday, June 14, 2019 11:06:14 AM



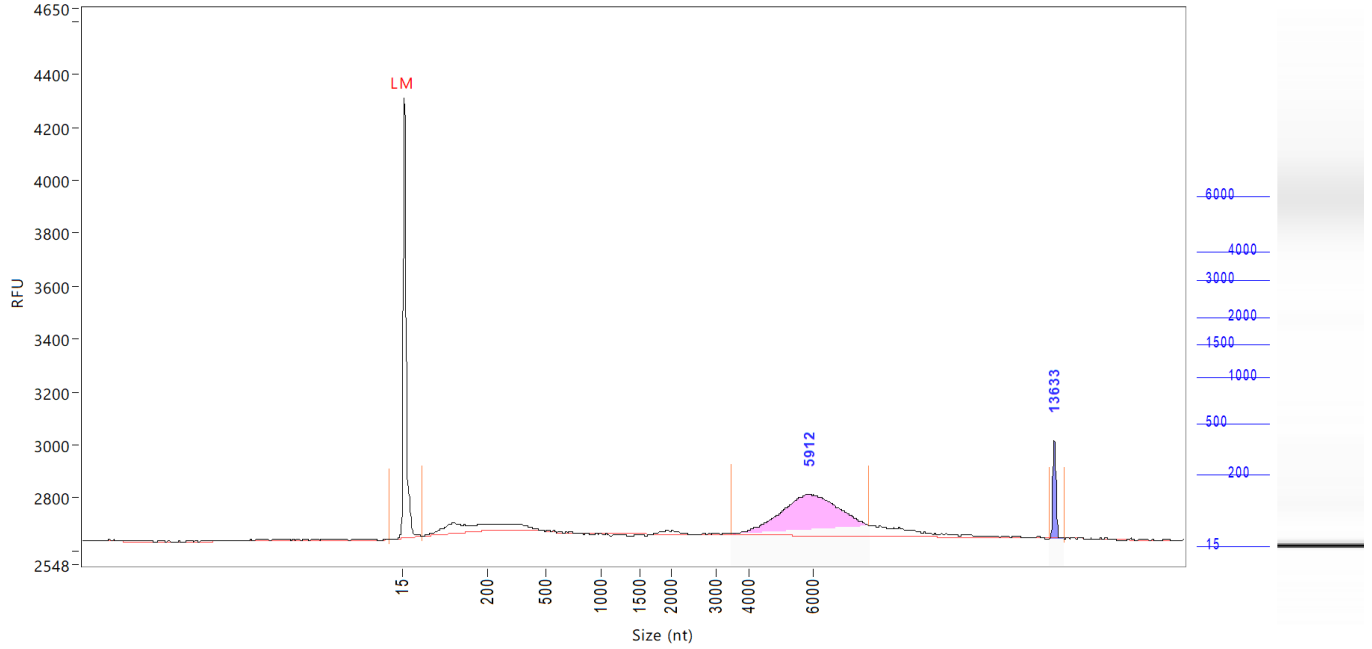
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	40	1671
2	4512	2.5206	3578	4526	105
3	5752	11.7741	4526	8133	142

TIC: 14.2947 ng/uL
 TIM: 8.0232 nmole/L
 Total Conc.: 24.5588 ng/uL

 28S/18S: 15747.9
 RQN 10.0

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: LJ5
Well Location: B5
Created: Friday, June 14, 2019 11:06:14 AM



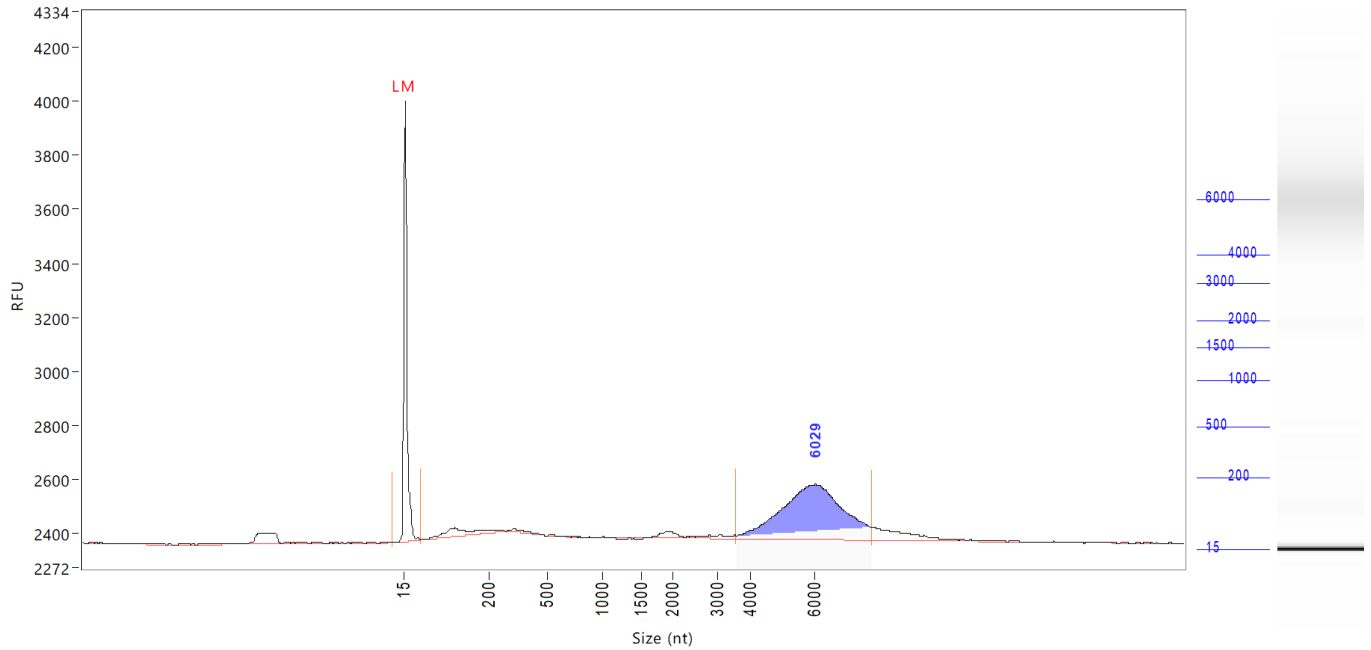
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	54	1664
2	5912	11.3464	3465	7799	156
3	13633	1.0131	13458	13966	368

TIC: 12.3595 ng/uL
 TIM: 6.1985 nmole/L
 Total Conc.: 18.4588 ng/uL

 28S/18S: 0.1
 RQN 9.3

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: LJ6
Well Location: B6
Created: Friday, June 14, 2019 11:06:14 AM



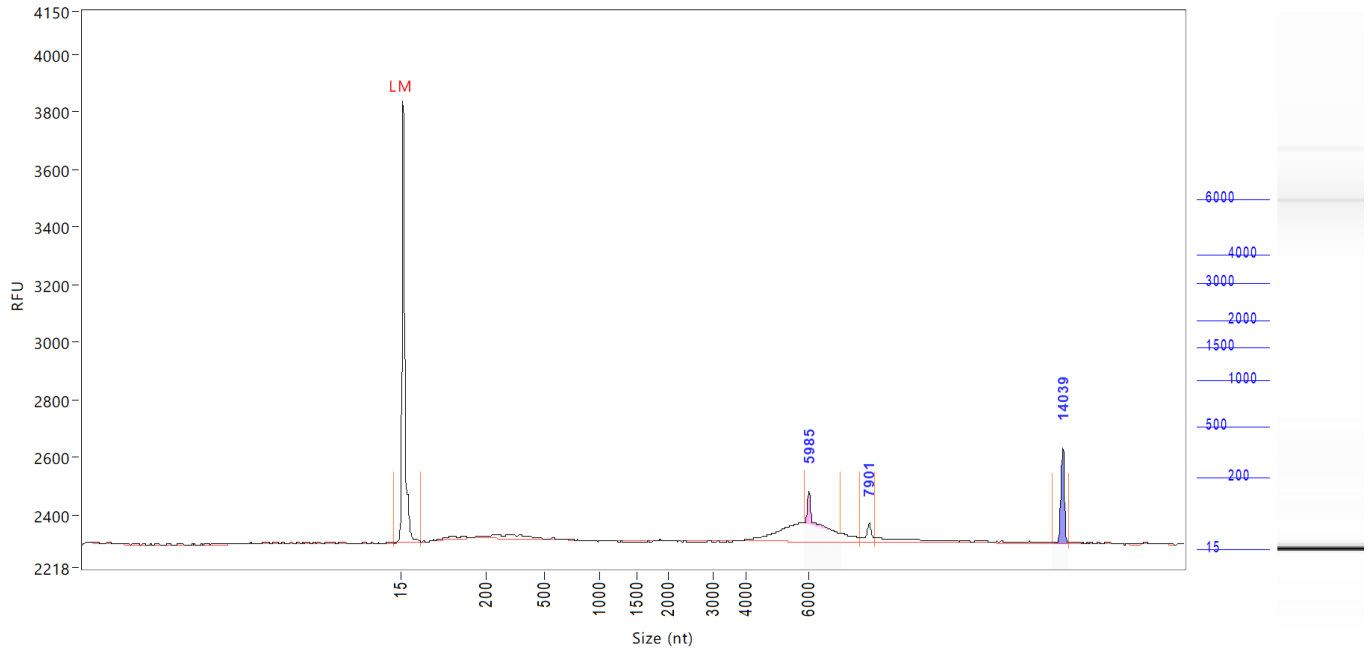
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	51	1634
2	6029	14.6536	3564	7785	202

TIC: 14.6536 ng/uL
 TIM: 7.7976 nmole/L
 Total Conc.: 19.3868 ng/uL

 28S/18S: 0.0
 RQN 10.0

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: LJ7
Well Location: B7
Created: Friday, June 14, 2019 11:06:14 AM



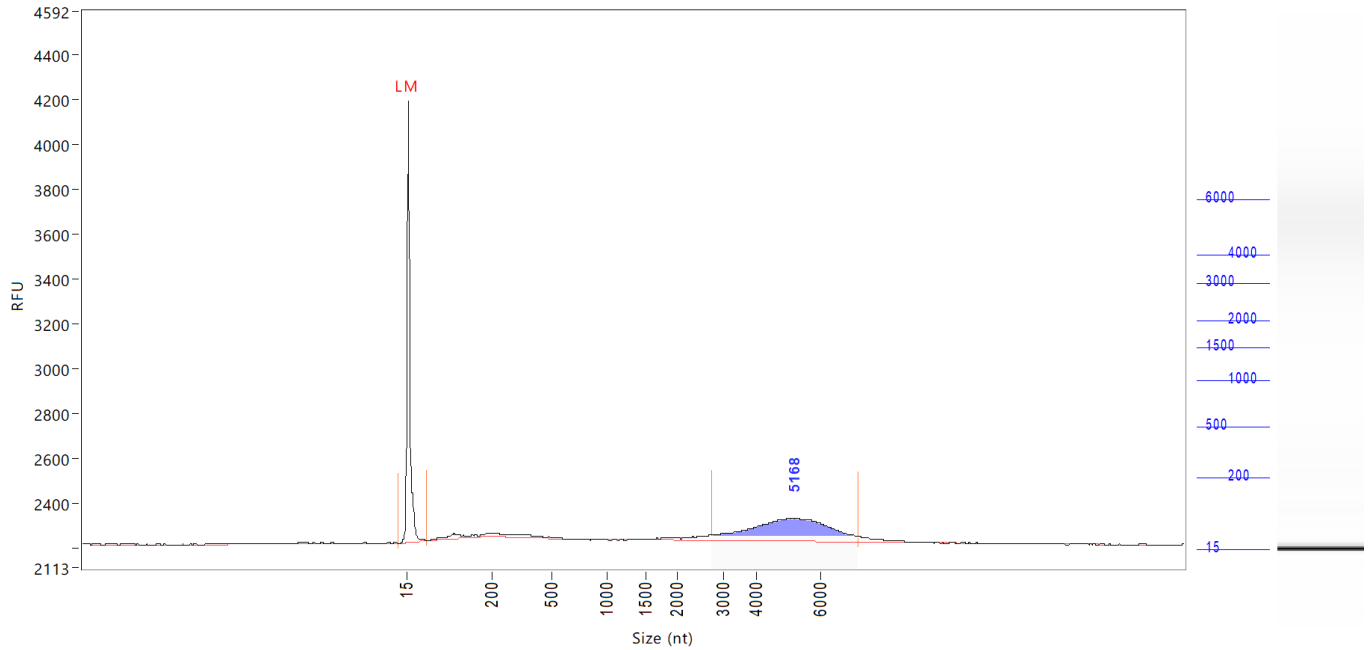
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	55	1535
2	5985	2.3769	5839	7001	175
3	7901	0.4023	7582	8090	63
4	14039	1.1039	13705	14213	328

TIC: 3.8831 ng/uL
 TIM: 1.5872 nmole/L
 Total Conc.: 8.3793 ng/uL

 28S/18S: 2.0
 RQN: 7.2

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: LJ8
Well Location: B8
Created: Friday, June 14, 2019 11:06:14 AM



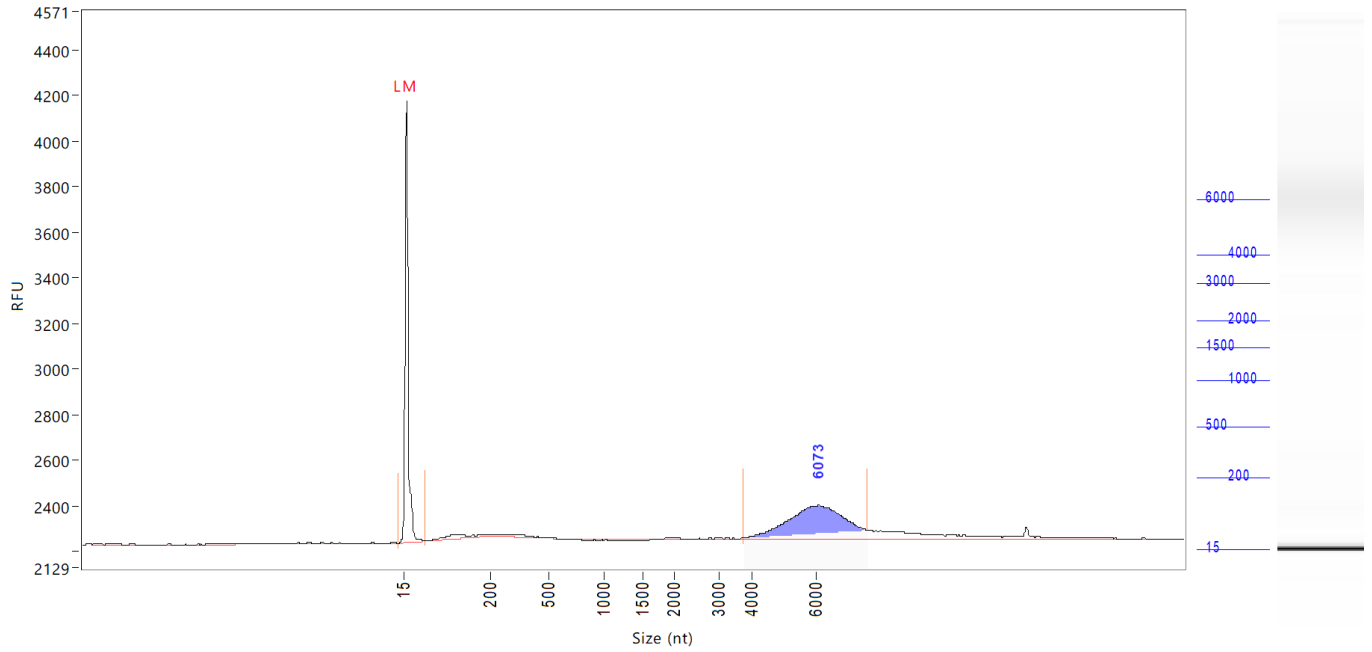
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	55	1969
2	5168	7.8052	2761	7161	99

TIC: 7.8052 ng/uL
 TIM: 4.9154 nmole/L
 Total Conc.: 10.3590 ng/uL

 28S/18S: 0.0
 RQN 9.6

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: LJ9
Well Location: B9
Created: Friday, June 14, 2019 11:06:14 AM



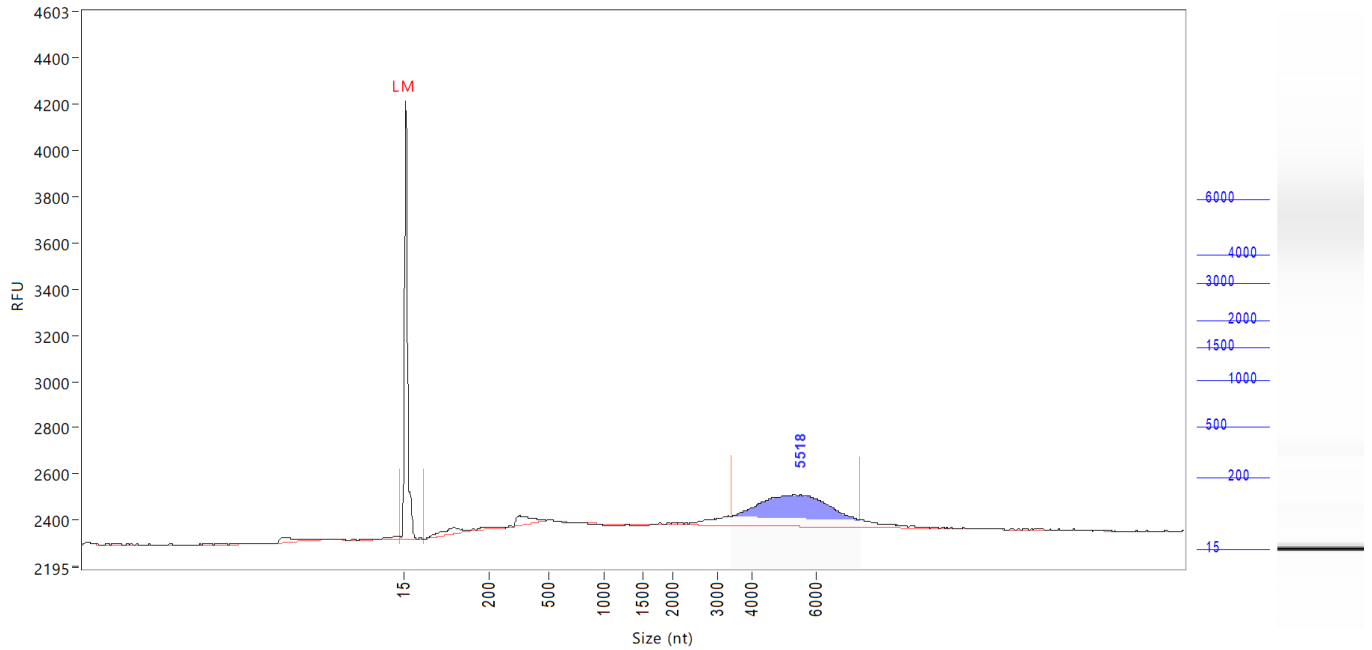
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	58	1940
2	6073	8.2892	3733	7611	146

TIC: 8.2892 ng/uL
 TIM: 4.3662 nmole/L
 Total Conc.: 12.1755 ng/uL

 28S/18S: 0.0
 RQN 10.0

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: LJ10
Well Location: B10
Created: Friday, June 14, 2019 11:06:14 AM



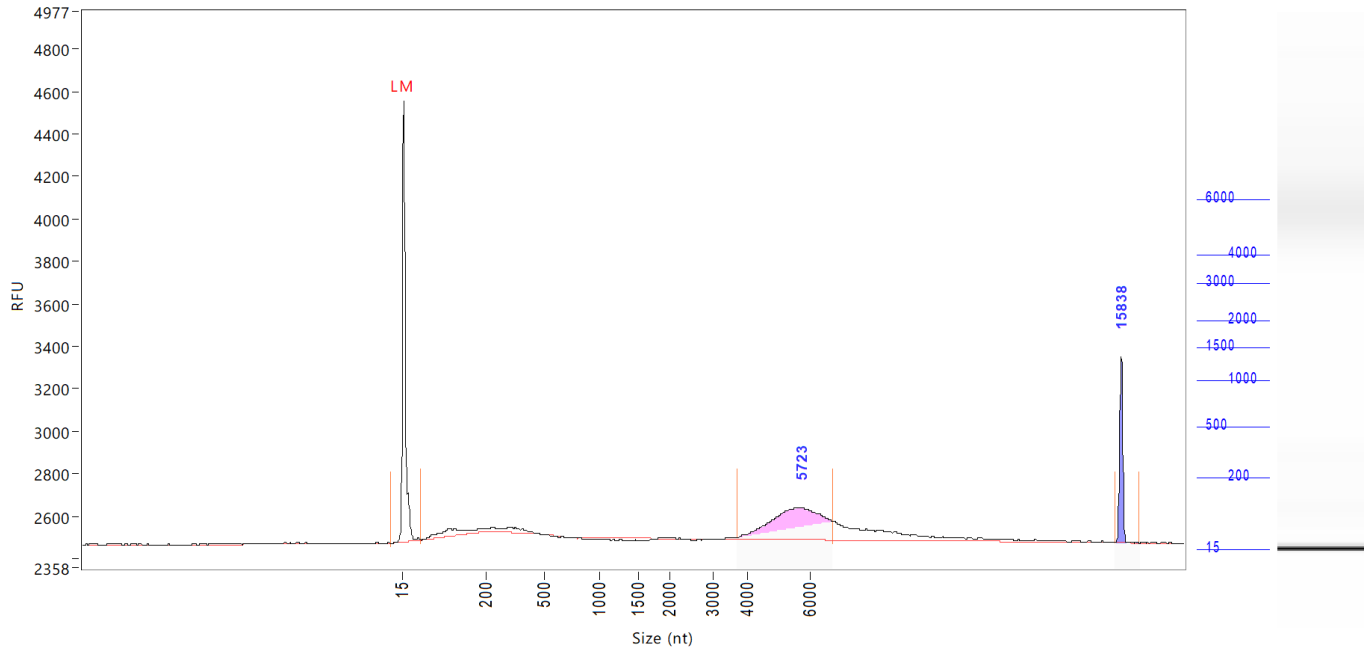
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	5	55	1899
2	5518	10.9772	3367	7408	134

TIC: 10.9772 ng/uL
 TIM: 6.5034 nmole/L
 Total Conc.: 15.0064 ng/uL

 28S/18S: 0.0
 RQN 9.8

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: LJ11
Well Location: B11
Created: Friday, June 14, 2019 11:06:14 AM

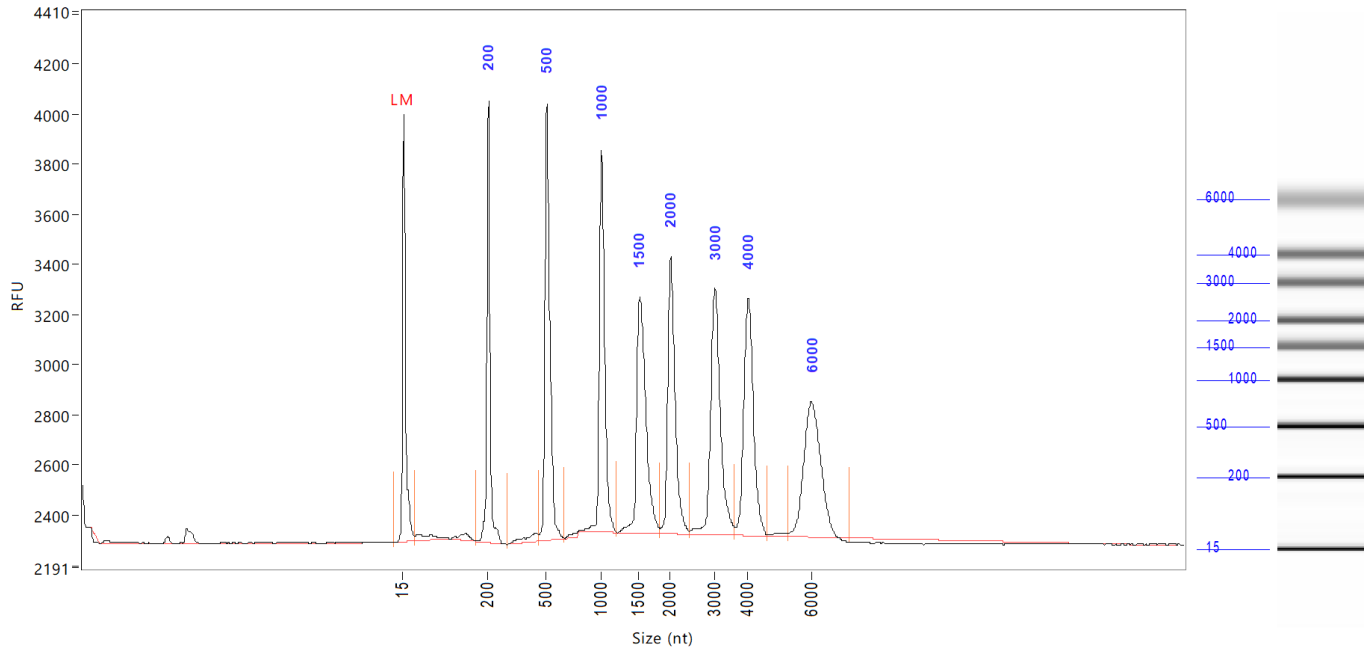


Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	55	2077
2	5723	7.3418	3690	6696	151
3	15838	1.8343	15650	16419	873

TIC: 9.1761 ng/uL
 TIM: 4.5422 nmole/L
 Total Conc.: 15.6150 ng/uL
 28S/18S: 0.5
 RQN 9.8

Sample Peak Width (sec): 6 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: ladder
Well Location: B12
Created: Friday, June 14, 2019 11:06:14 AM



Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	15 (LM)	1.0653	0	39	1703
2	200	11.1783	174	296	1762
3	500	14.4730	460	666	1739
4	1000	12.9017	666	1205	1521
5	1500	12.4779	1205	1826	938
6	2000	10.8792	1826	2417	1102
7	3000	12.1993	2417	3606	980
8	4000	10.9644	3606	4599	946
9	6000	10.0371	5256	7219	540

TIC: 95.1109 ng/uL
 TIM: 369.7114 nmole/L
 Total Conc.: 96.0000 ng/uL

Sample Peak Width (sec): 6 Sample Min Peak Height: 200 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Manual Baseline Start (min): 18 Manual Baseline End (min): 38
 Marker Peak Width (sec): 6 Marker Min Peak Height: 100 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 100 RFU
 Ladder Size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0
 Min. RFU for Data Processing: 2

Sample: ladder
Well Location: B12
Created: Friday, June 14, 2019 11:06:14 AM
Fit Type: Point to Point

Calibration Curve

