Fragment Analyzer Run Summary:

Filename and Data Path: C:\Users\aati\Desktop\Customer Data\Uttmark\2019 03 18\12-56-20\2019 03 18 12H 56M.raw
Created: Monday, March 18, 2019 1:30:02 PM
# of Capillaries: 96
Array Serial #: 072216-01SFS
Effect Length: 33 cm
Array Usage Count: 343
FA Version #: 1.1.0.11
Device Serial #: 3414

METHOD INFORMATION
Method Name: DNF-470-33 - Small RNA.mthds
Gel Prime: No
Full Conditioning: Yes
Gel Prime to Buffer: Yes
Gel Selection: Gel 1
Perform Prerun: 8.0 kV, 30 sec.
Rinse: Tray: 3, Row: A, # Dips: 2
Marker 1: No
Rinse: No
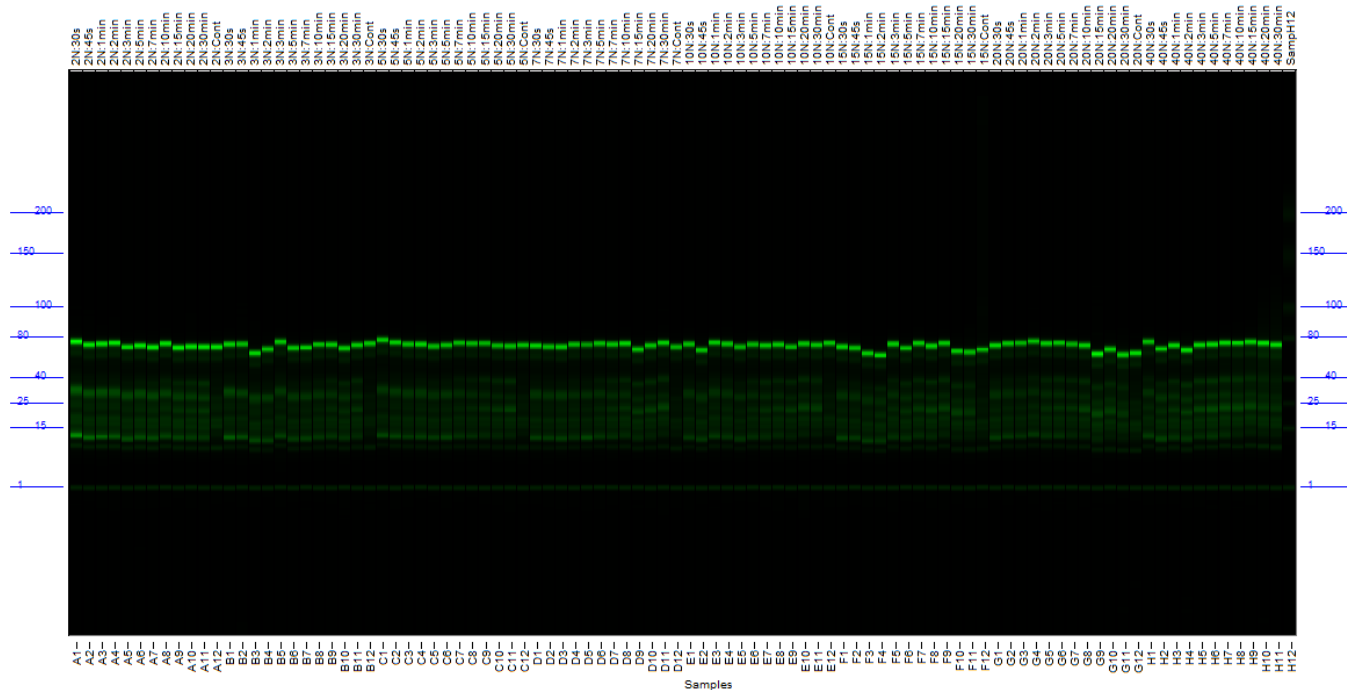**Sample Injection:** 7.0 kV, 50 sec.
Separation: 8.0 kV, 22.0 min.
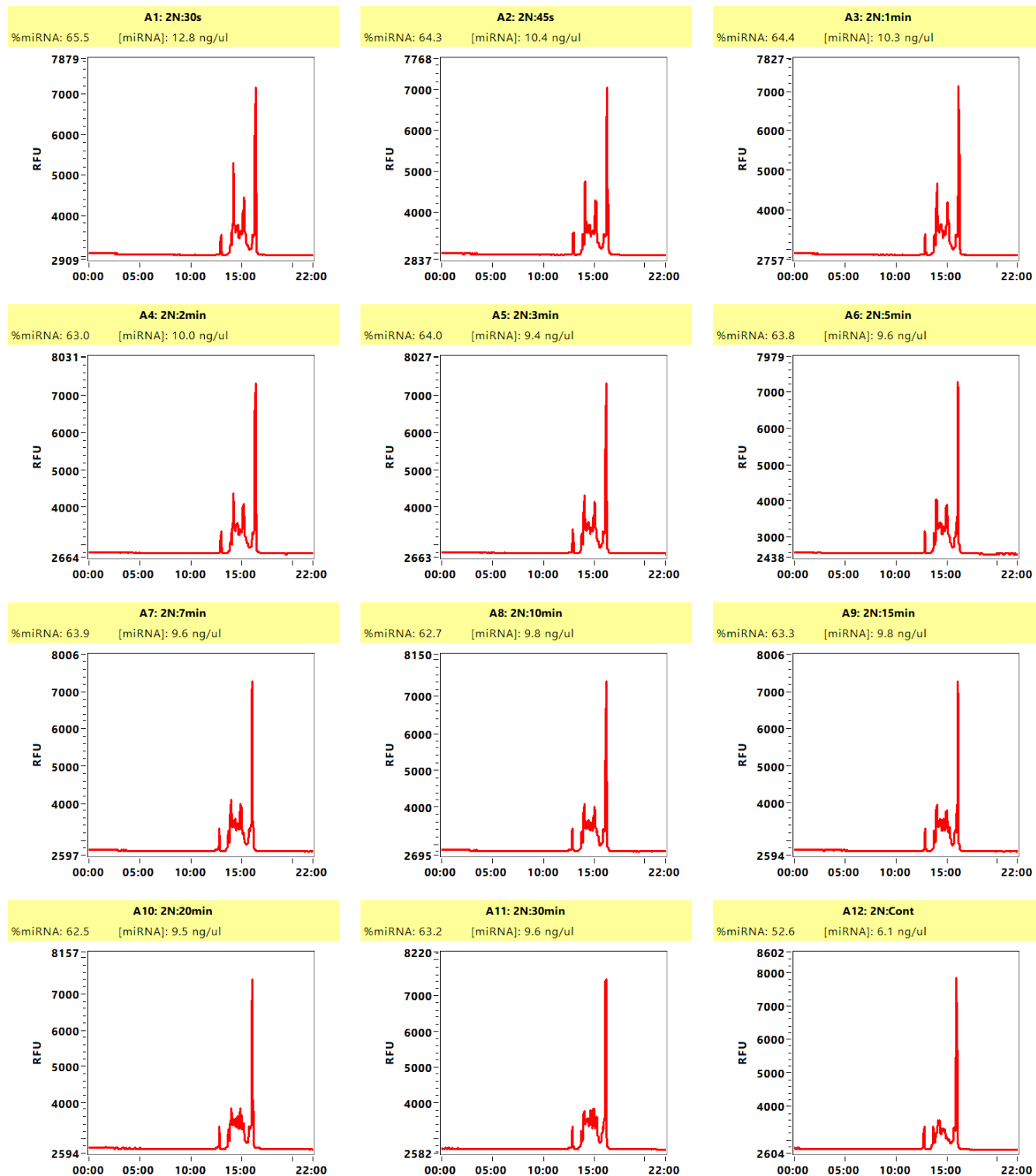**Tray Name:** Uttmark_SSDNA

Analysis Mode: Small RNA

NOTES

Gel Image

Filename and Data Path: C:\Users\aati\Desktop\Customer Data\Uttmark\2019 03 18\12-56-20\2019 03 18 12H 56M.raw

A1: 2N:30s
%miRNA: 65.5 [miRNA]: 12.8 ng/ul

A2: 2N:45s
%miRNA: 64.3 [miRNA]: 10.4 ng/ul

A3: 2N:1min
%miRNA: 64.4 [miRNA]: 10.3 ng/ul

A4: 2N:2min
%miRNA: 63.0 [miRNA]: 10.0 ng/ul

A5: 2N:3min
%miRNA: 64.0 [miRNA]: 9.4 ng/ul

A6: 2N:5min
%miRNA: 63.8 [miRNA]: 9.6 ng/ul

A7: 2N:7min
%miRNA: 63.9 [miRNA]: 9.6 ng/ul

A8: 2N:10min
%miRNA: 62.7 [miRNA]: 9.8 ng/ul

A9: 2N:15min
%miRNA: 63.3 [miRNA]: 9.8 ng/ul

A10: 2N:20min
%miRNA: 62.5 [miRNA]: 9.5 ng/ul

A11: 2N:30min
%miRNA: 63.2 [miRNA]: 9.6 ng/ul

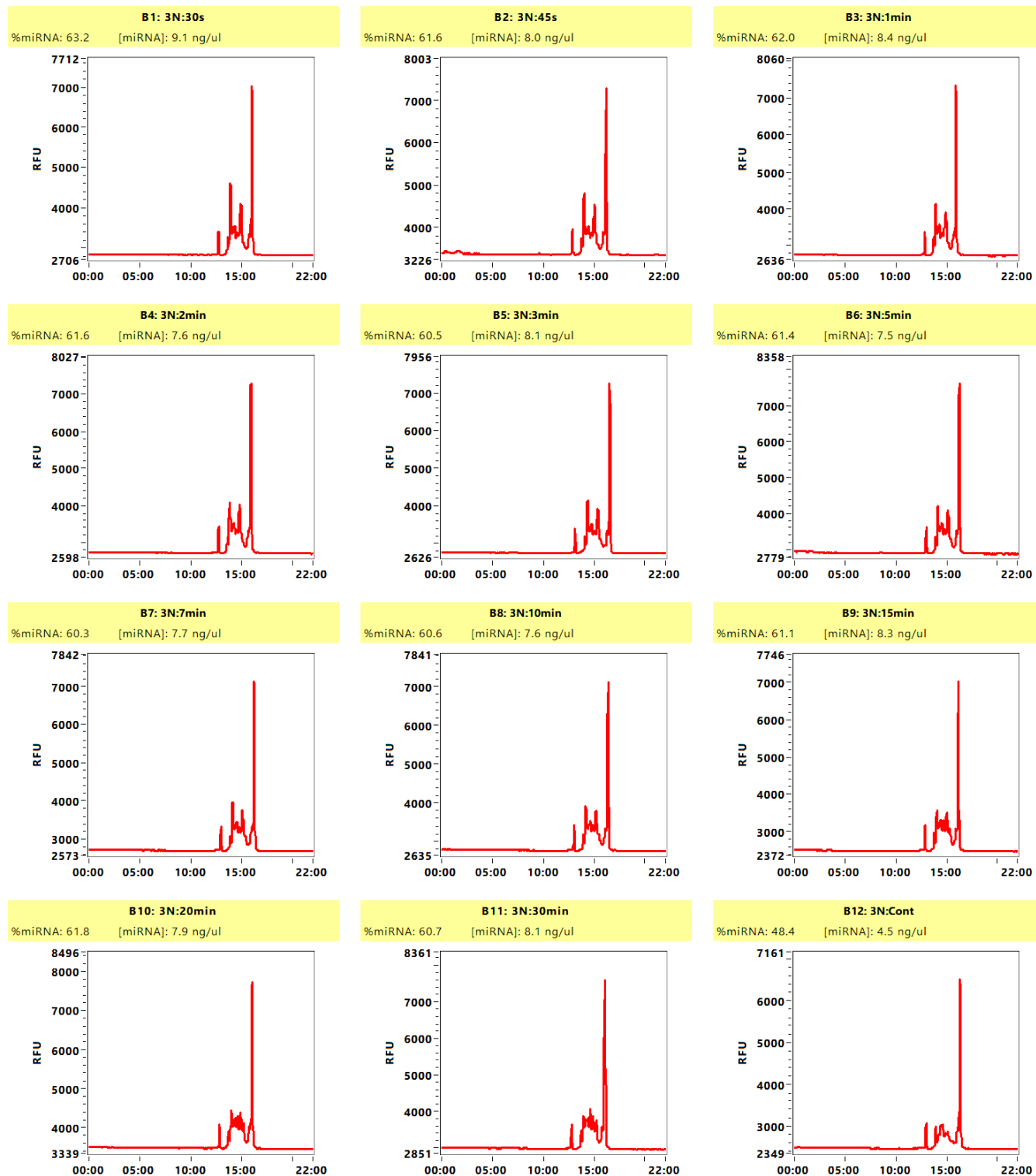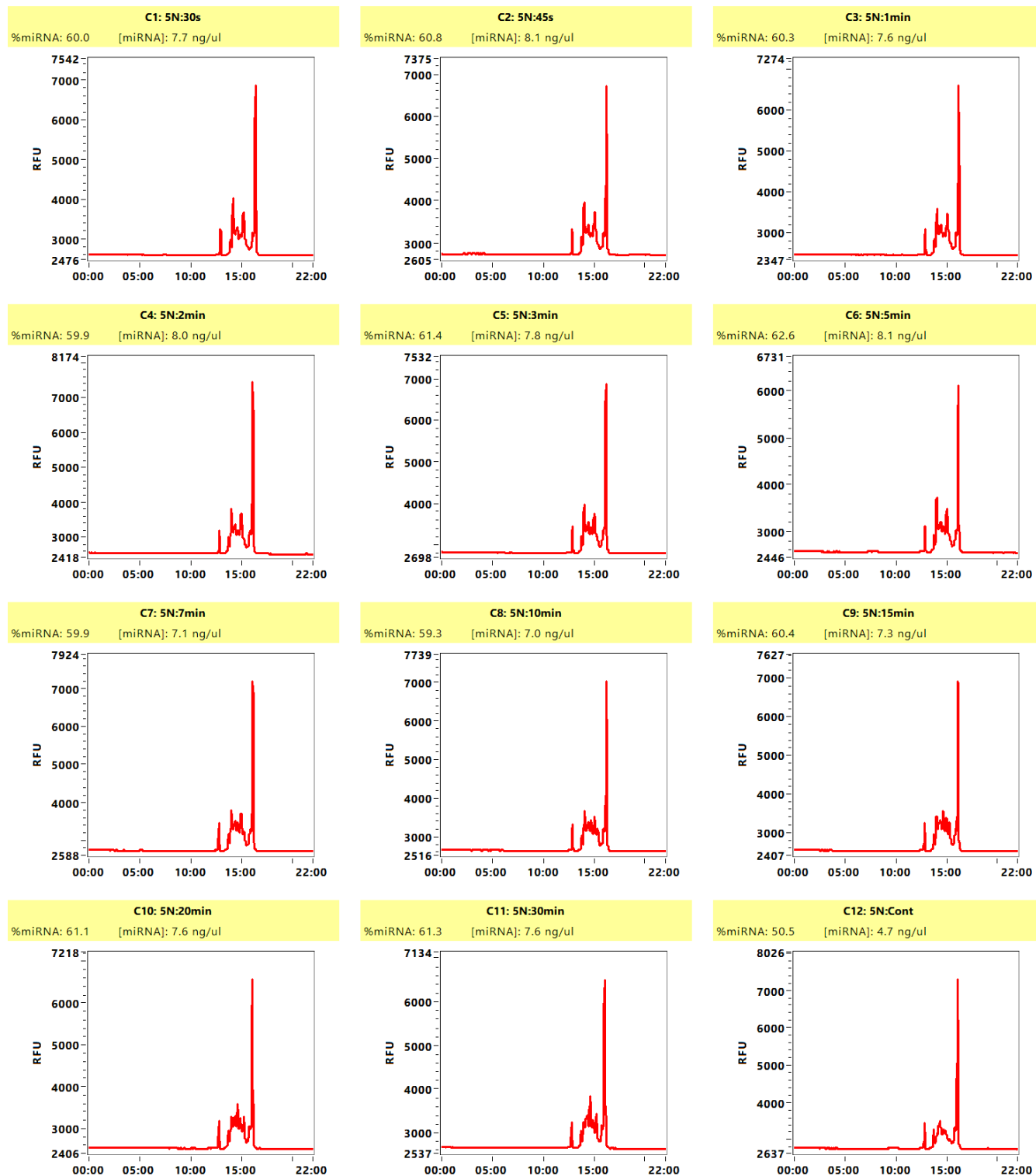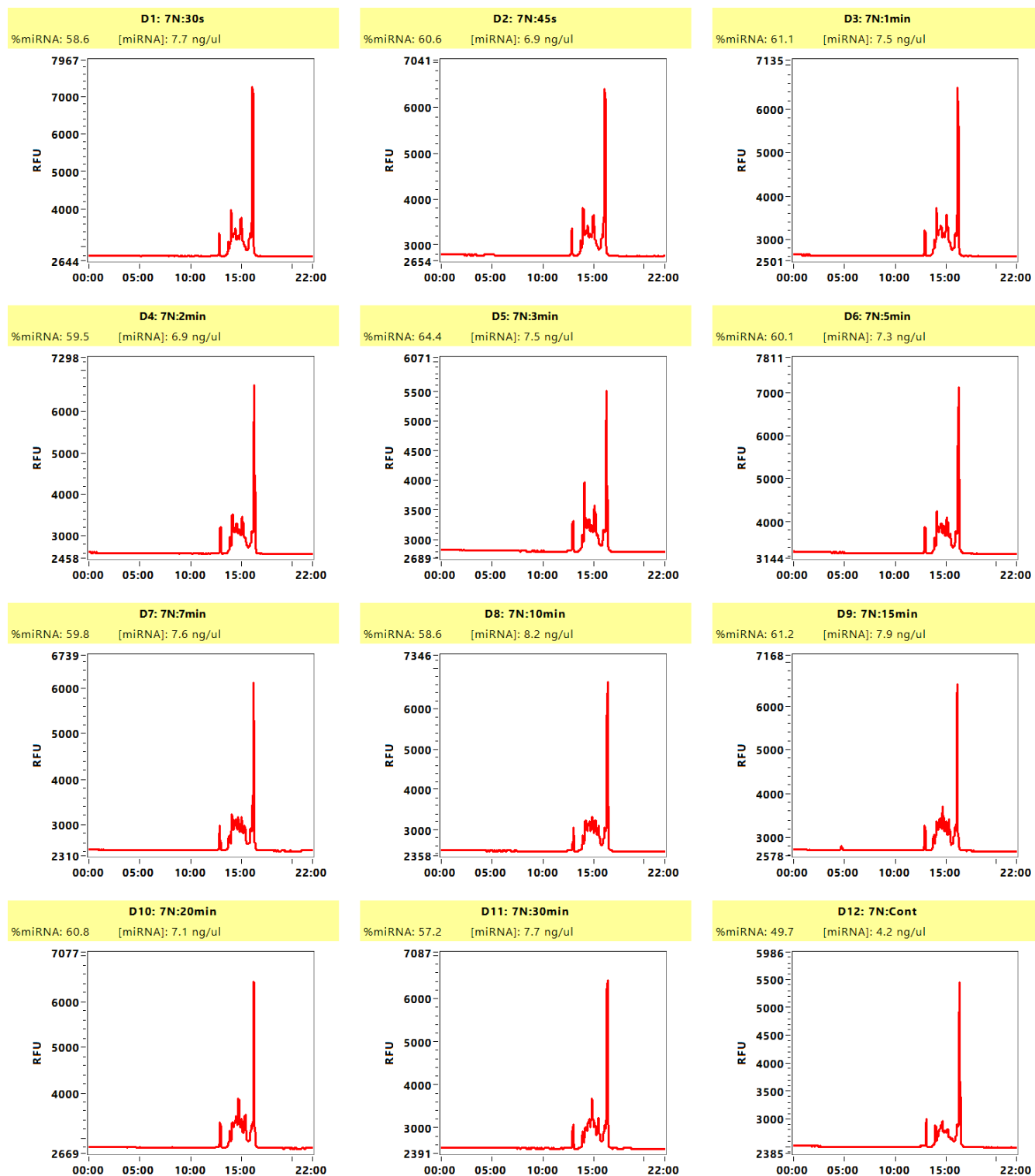**A12: 2N:Cont**
%miRNA: 52.6 [miRNA]: 6.1 ng/ul

Filename and Data Path: C:\Users\aati\Desktop\Customer Data\Uttmark\2019 03 18\12-56-20\2019 03 18 12H 56M.raw

Filename and Data Path: C:\Users\aati\Desktop\Customer Data\Uttmark\2019 03 18\12-56-20\2019 03 18 12H 56M.raw

Filename and Data Path: C:\Users\aati\Desktop\Customer Data\Uttmark\2019 03 18\12-56-20\2019 03 18 12H 56M.raw

Filename and Data Path: C:\Users\aati\Desktop\Customer Data\Uttmark\2019 03 18\12-56-20\2019 03 18 12H 56M.raw
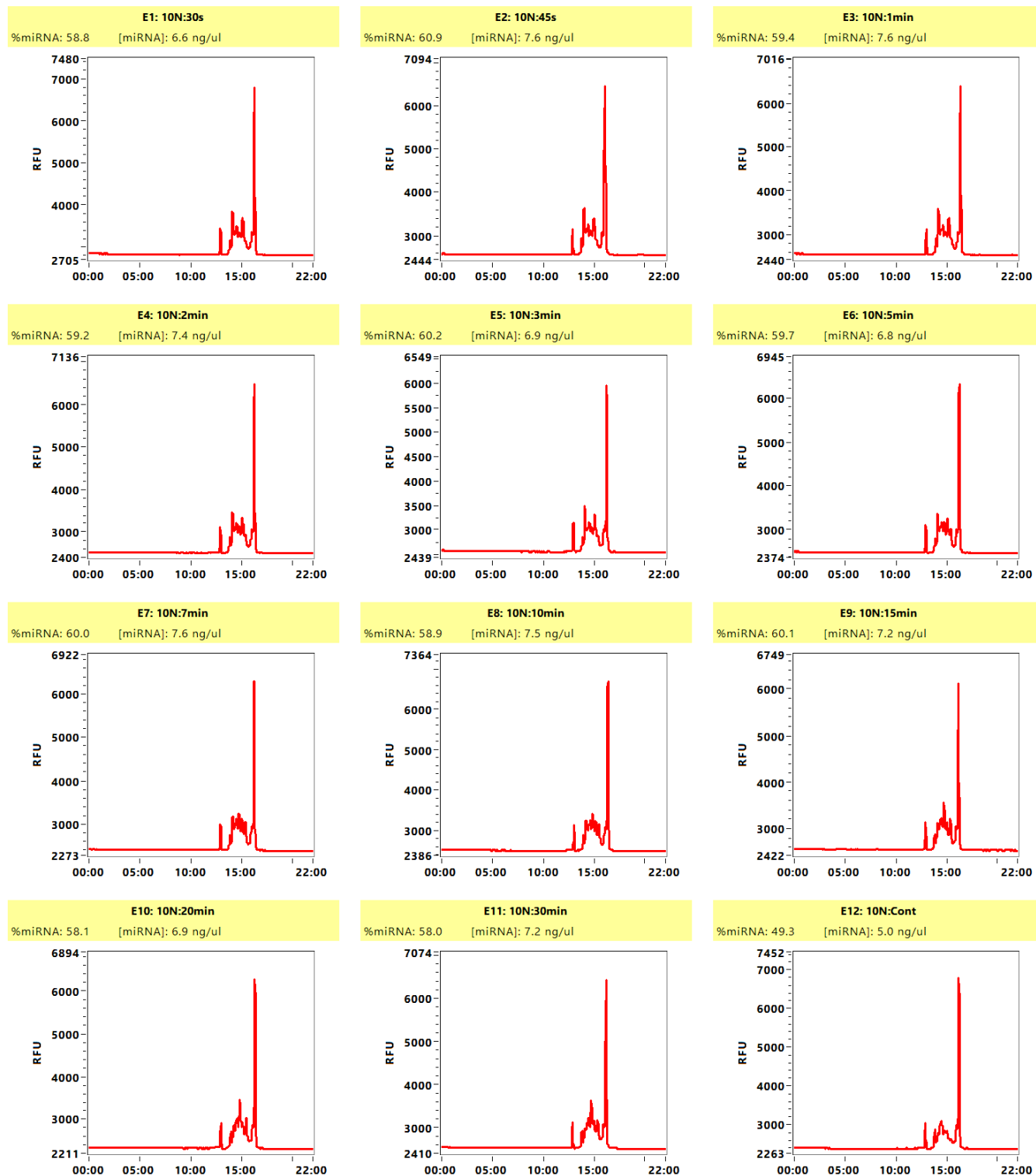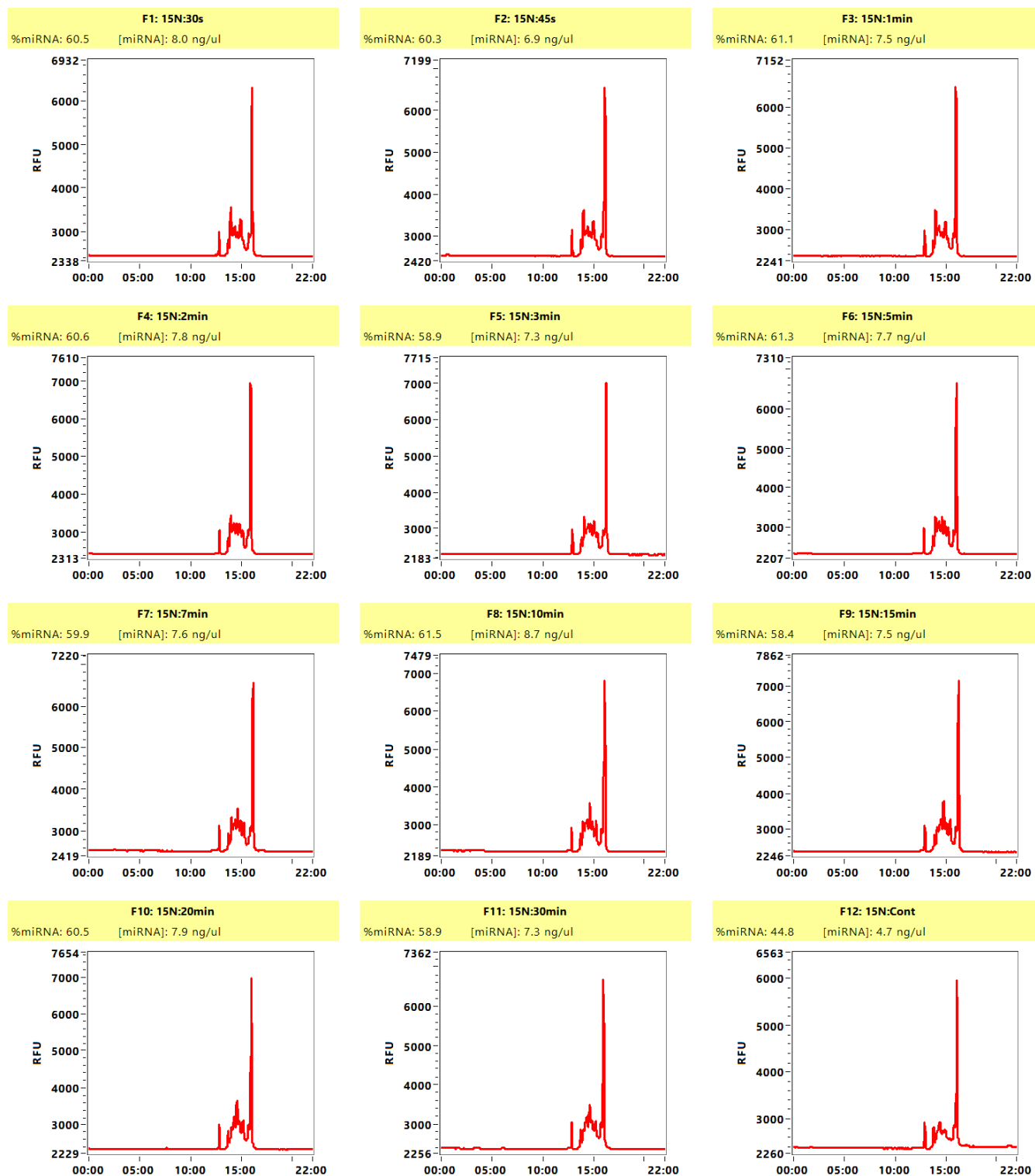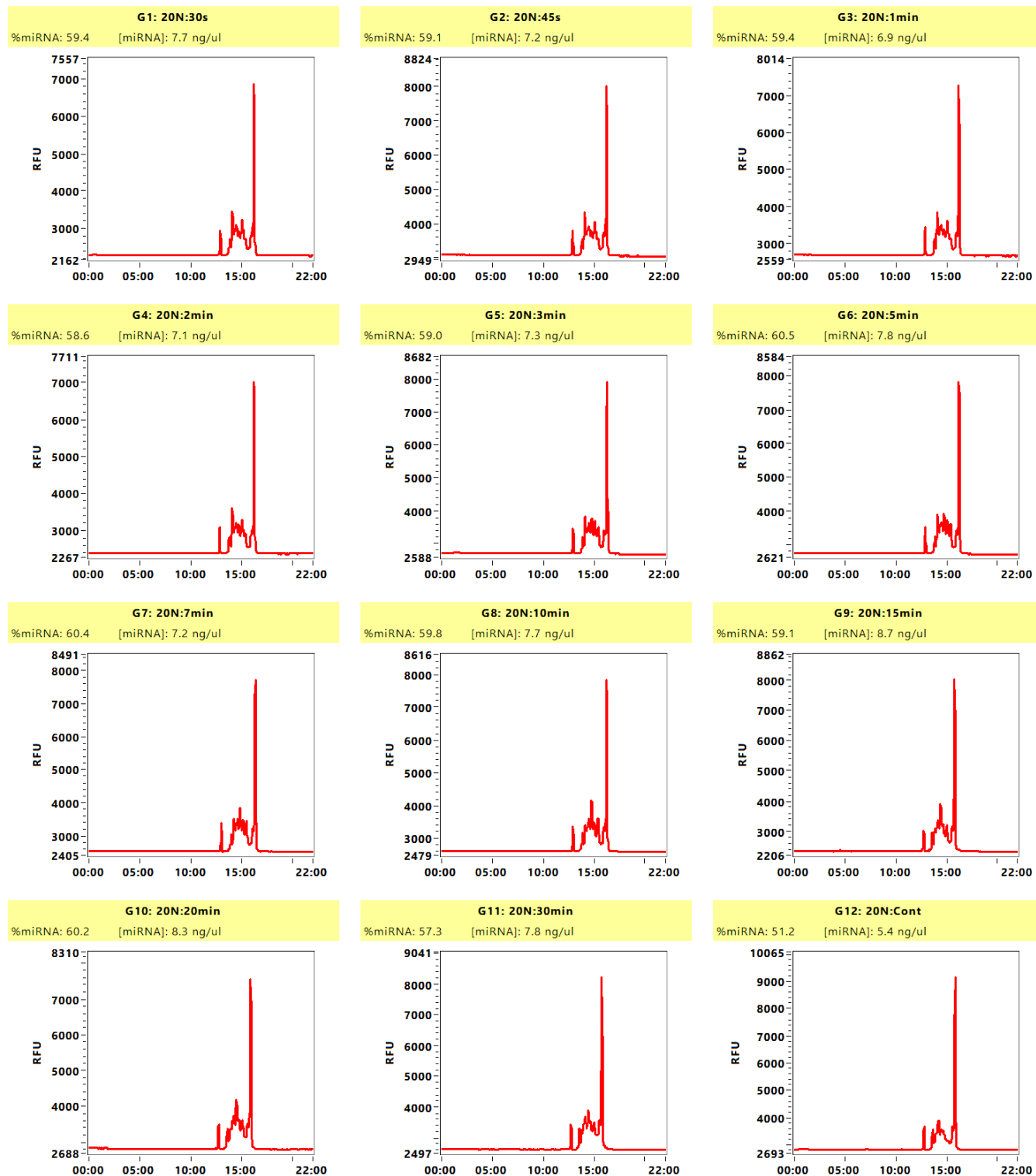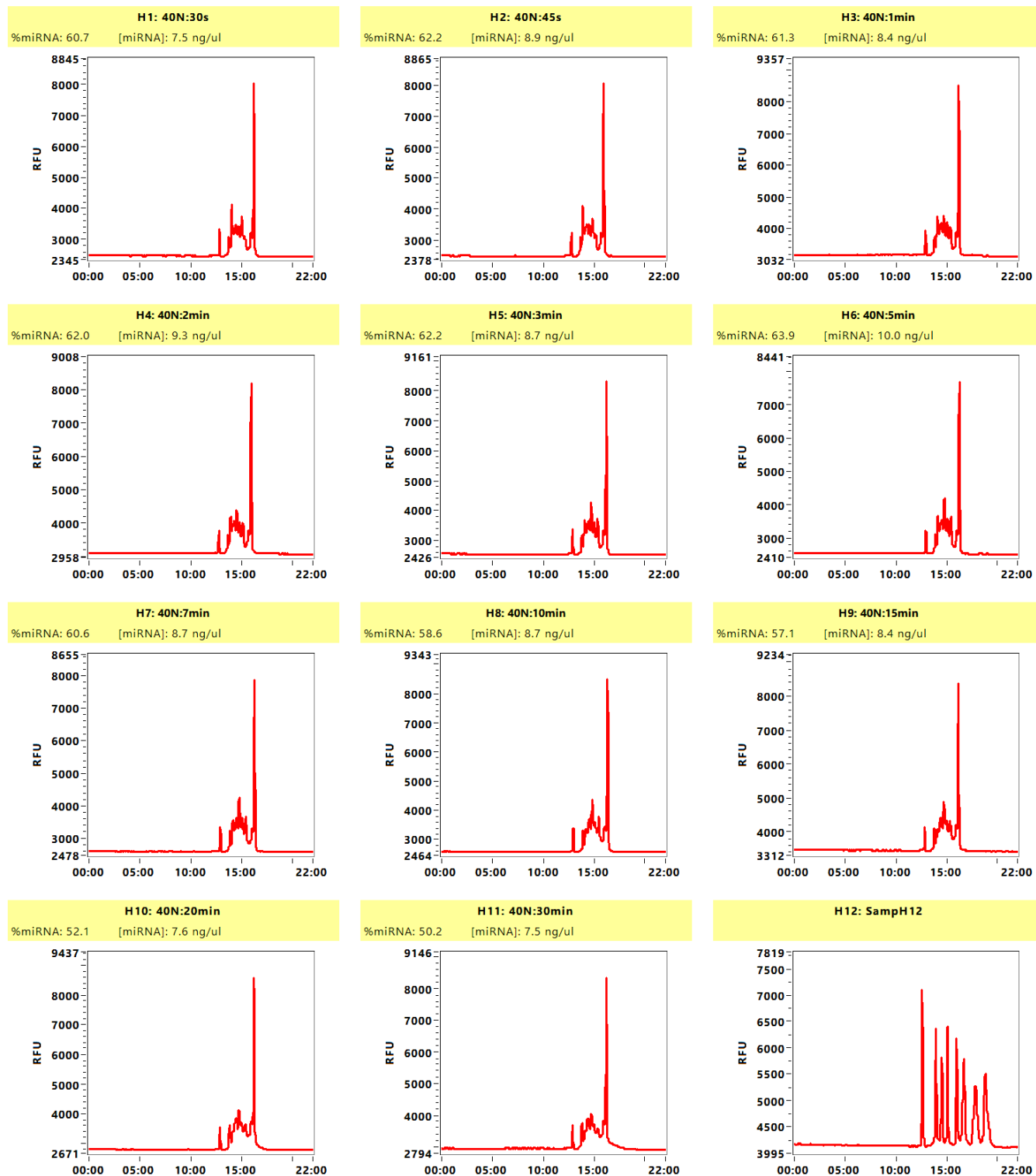

E1: 10N:30s — %miRNA: 58.8   [miRNA]: 6.6 ng/ul

E2: 10N:45s — %miRNA: 60.9   [miRNA]: 7.6 ng/ul

E3: 10N:1min — %miRNA: 59.4   [miRNA]: 7.6 ng/ul

E4: 10N:2min — %miRNA: 59.2   [miRNA]: 7.4 ng/ul

E5: 10N:3min — %miRNA: 60.2   [miRNA]: 6.9 ng/ul

E6: 10N:5min — %miRNA: 59.7   [miRNA]: 6.8 ng/ul

E7: 10N:7min — %miRNA: 60.0   [miRNA]: 7.6 ng/ul

E8: 10N:10min — %miRNA: 58.9   [miRNA]: 7.5 ng/ul

E9: 10N:15min — %miRNA: 60.1   [miRNA]: 7.2 ng/ul

E10: 10N:20min — %miRNA: 58.1   [miRNA]: 6.9 ng/ul

E11: 10N:30min — %miRNA: 58.0   [miRNA]: 7.2 ng/ul

E12: 10N:Cont — %miRNA: 49.3   [miRNA]: 5.0 ng/ul

Filename and Data Path: C:\Users\aati\Desktop\Customer Data\Uttmark\2019 03 18\12-56-20\2019 03 18 12H 56M.raw

F1: 15N:30s — %miRNA: 60.5 [miRNA]: 8.0 ng/ul
F2: 15N:45s — %miRNA: 60.3 [miRNA]: 6.9 ng/ul
F3: 15N:1min — %miRNA: 61.1 [miRNA]: 7.5 ng/ul
F4: 15N:2min — %miRNA: 60.6 [miRNA]: 7.8 ng/ul
F5: 15N:3min — %miRNA: 58.9 [miRNA]: 7.3 ng/ul
F6: 15N:5min — %miRNA: 61.3 [miRNA]: 7.7 ng/ul
F7: 15N:7min — %miRNA: 59.9 [miRNA]: 7.6 ng/ul
F8: 15N:10min — %miRNA: 61.5 [miRNA]: 8.7 ng/ul
F9: 15N:15min — %miRNA: 58.4 [miRNA]: 7.5 ng/ul
F10: 15N:20min — %miRNA: 60.5 [miRNA]: 7.9 ng/ul
F11: 15N:30min — %miRNA: 58.9 [miRNA]: 7.3 ng/ul
F12: 15N:Cont — %miRNA: 44.8 [miRNA]: 4.7 ng/ul

Filename and Data Path: C:\Users\aati\Desktop\Customer Data\Uttmark\2019 03 18\12-56-20\2019 03 18 12H 56M.raw

G1: 20N:30s
%miRNA: 59.4   [miRNA]: 7.7 ng/ul

G2: 20N:45s
%miRNA: 59.1   [miRNA]: 7.2 ng/ul

G3: 20N:1min
%miRNA: 59.4   [miRNA]: 6.9 ng/ul

G4: 20N:2min
%miRNA: 58.6   [miRNA]: 7.1 ng/ul

G5: 20N:3min
%miRNA: 59.0   [miRNA]: 7.3 ng/ul

G6: 20N:5min
%miRNA: 60.5   [miRNA]: 7.8 ng/ul

G7: 20N:7min
%miRNA: 60.4   [miRNA]: 7.2 ng/ul

G8: 20N:10min
%miRNA: 59.8   [miRNA]: 7.7 ng/ul

G9: 20N:15min
%miRNA: 59.1   [miRNA]: 8.7 ng/ul

G10: 20N:20min
%miRNA: 60.2   [miRNA]: 8.3 ng/ul

G11: 20N:30min
%miRNA: 57.3   [miRNA]: 7.8 ng/ul

G12: 20N:Cont
%miRNA: 51.2   [miRNA]: 5.4 ng/ul

Filename and Data Path: C:\Users\aati\Desktop\Customer Data\Uttmark\2019 03 18\12-56-20\2019 03 18 12H 56M.raw

H1: 40N:30s	H2: 40N:45s	H3: 40N:1min
%miRNA: 60.7 [miRNA]: 7.5 ng/ul	%miRNA: 62.2 [miRNA]: 8.9 ng/ul	%miRNA: 61.3 [miRNA]: 8.4 ng/ul

H4: 40N:2min	H5: 40N:3min	H6: 40N:5min
%miRNA: 62.0 [miRNA]: 9.3 ng/ul	%miRNA: 62.2 [miRNA]: 8.7 ng/ul	%miRNA: 63.9 [miRNA]: 10.0 ng/ul

H7: 40N:7min	H8: 40N:10min	H9: 40N:15min
%miRNA: 60.6 [miRNA]: 8.7 ng/ul	%miRNA: 58.6 [miRNA]: 8.7 ng/ul	%miRNA: 57.1 [miRNA]: 8.4 ng/ul

H10: 40N:20min	H11: 40N:30min	H12: SampH12
%miRNA: 52.1 [miRNA]: 7.6 ng/ul	%miRNA: 50.2 [miRNA]: 7.5 ng/ul	

Sample: 2N:30s
Well Location: A1
Created: Monday, March 18, 2019 1:30:02 PM
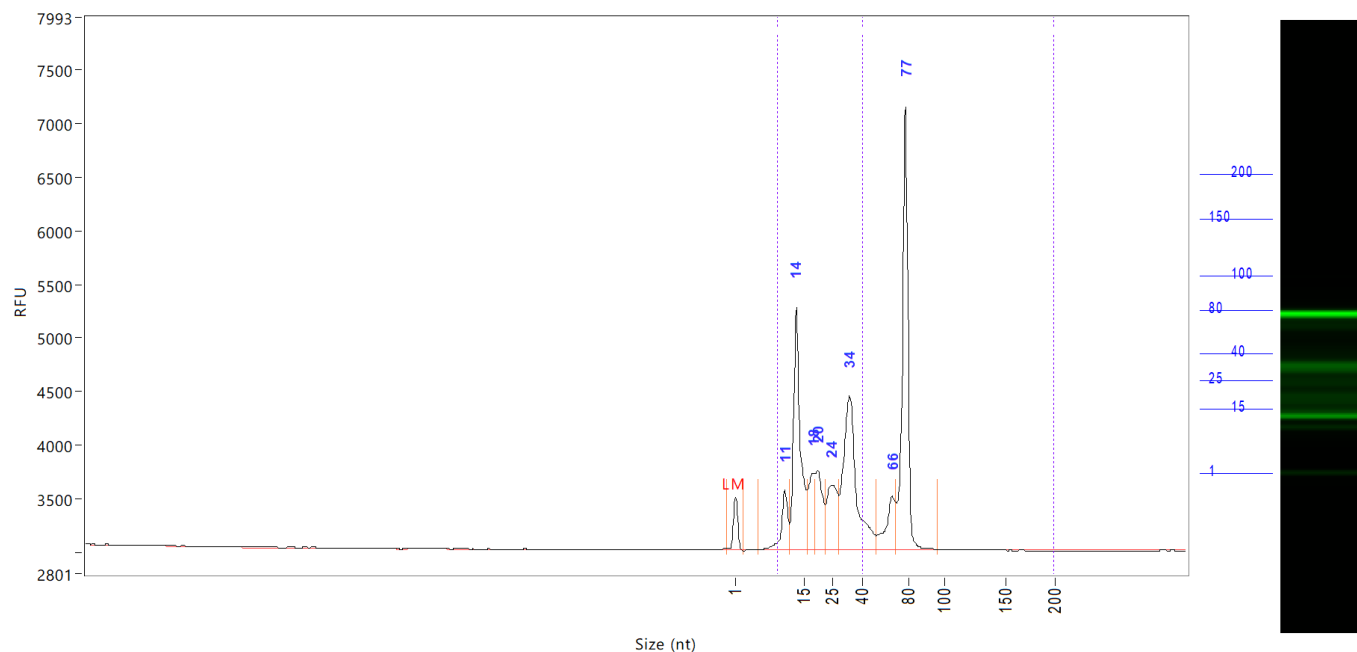
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	484
2	11	0.9499	6	12	561
3	14	4.1009	12	17	2267
4	18	1.1726	17	19	714
5	20	1.5119	19	23	745
6	24	1.6074	23	28	608
7	34	4.5407	28	52	1433
8	66	1.1453	52	70	500
9	77	5.0811	70	96	4139

|		
TIC:	20.1099	ng/uL
TIM:	2417.1255	nmole/L
Total Conc.:	19.6087	ng/uL
%microRNA	65.5	
smallRNA	19.5	ng/ul
microRNA	12.8	ng/ul

```
Sample Peak Width (sec): 1      Sample Min Peak Height: 10      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): 22
Manual Baseline Start (min): 12     Manual Baseline End (min): 22
Marker Peak Width (sec): 3      Marker Min Peak Height: 500     Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                    Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder         Final Concentration (ng/uL): 0.4000          Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region       Min. Size (nt): 10      miRNA Max. Size (nt): 40      small RNA Max. Size (nt): 200
```

Sample: 2N:45s
Well Location: A2
Created: Monday, March 18, 2019 1:30:02 PM
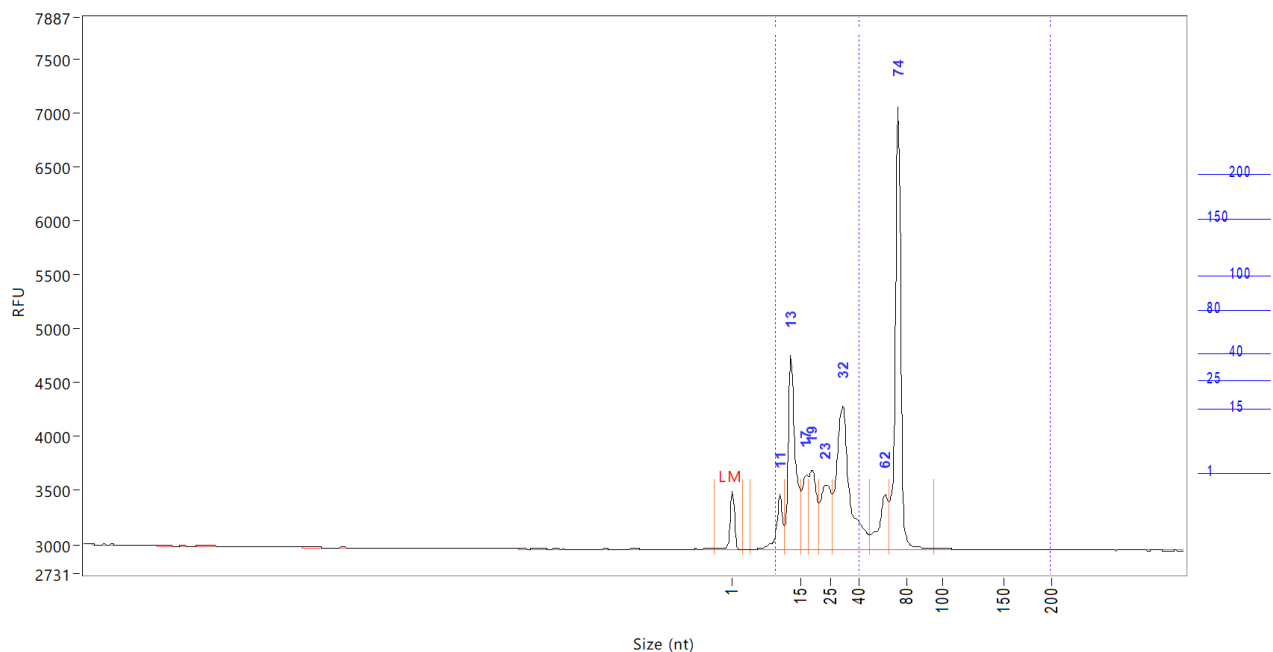
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	540
2	11	0.7355	5	12	504
3	13	2.9889	12	15	1798
4	17	0.9961	15	18	690
5	19	1.3300	18	21	734
6	23	1.3961	21	27	588
7	32	3.7326	27	49	1332
8	62	1.0222	49	66	503
9	74	4.5084	66	95	4105

|		
TIC:	16.7097	ng/uL
TIM:	2040.3322	nmole/L
Total Conc.:	16.2726	ng/uL
%microRNA	64.3	
smallRNA	16.2	ng/ul
microRNA	10.4	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 2N:1min
Well Location: A3
Created: Monday, March 18, 2019 1:30:02 PM
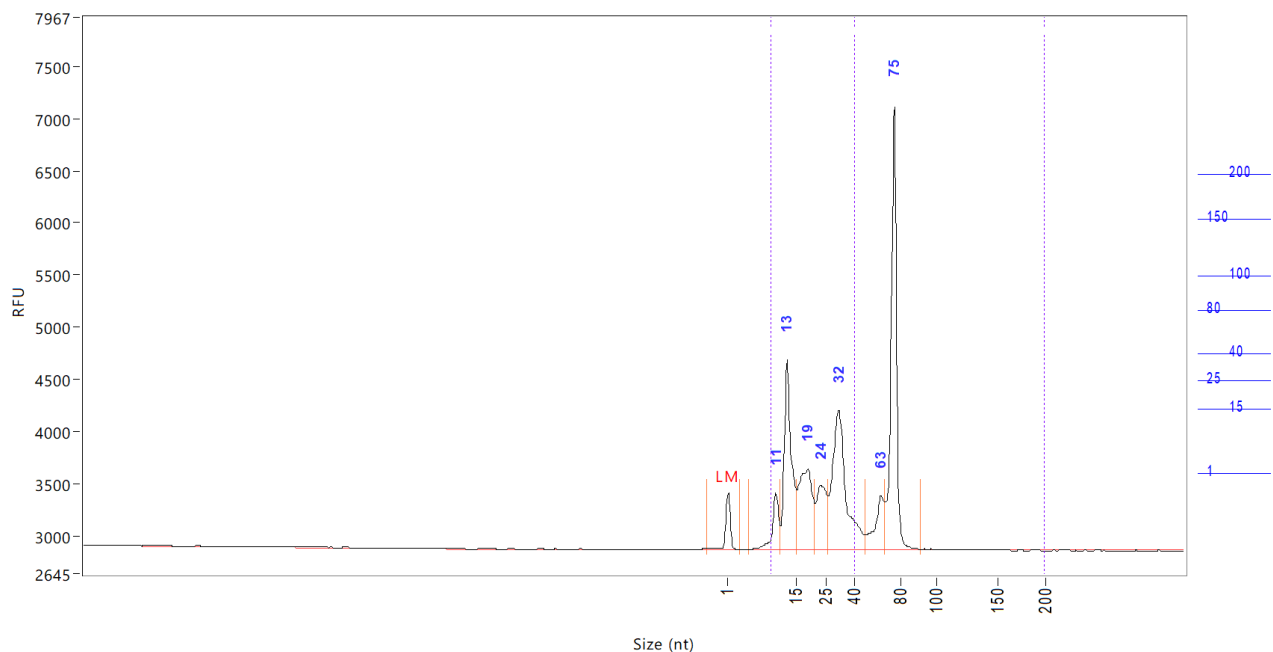
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	541
2	11	0.7488	6	12	541
3	13	2.9359	12	15	1811
4	19	2.2499	15	22	774
5	24	1.3763	22	27	608
6	32	3.6946	27	50	1330
7	63	0.9882	50	67	517
8	75	4.4004	67	91	4239

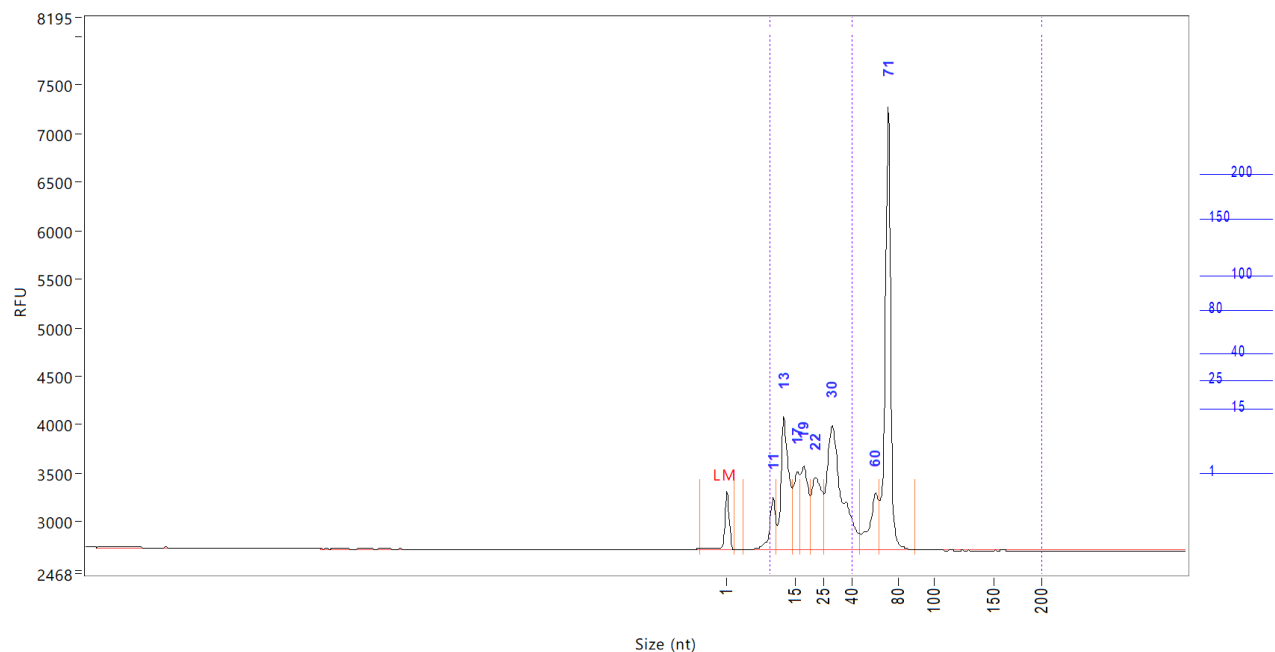|		
TIC:	16.3939	ng/uL
TIM:	1995.9000	nmole/L
Total Conc.:	16.0576	ng/uL
%microRNA	64.4	
smallRNA	15.9	ng/ul
microRNA	10.3	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 2N:2min
Well Location: A4
Created: Monday, March 18, 2019 1:30:02 PM
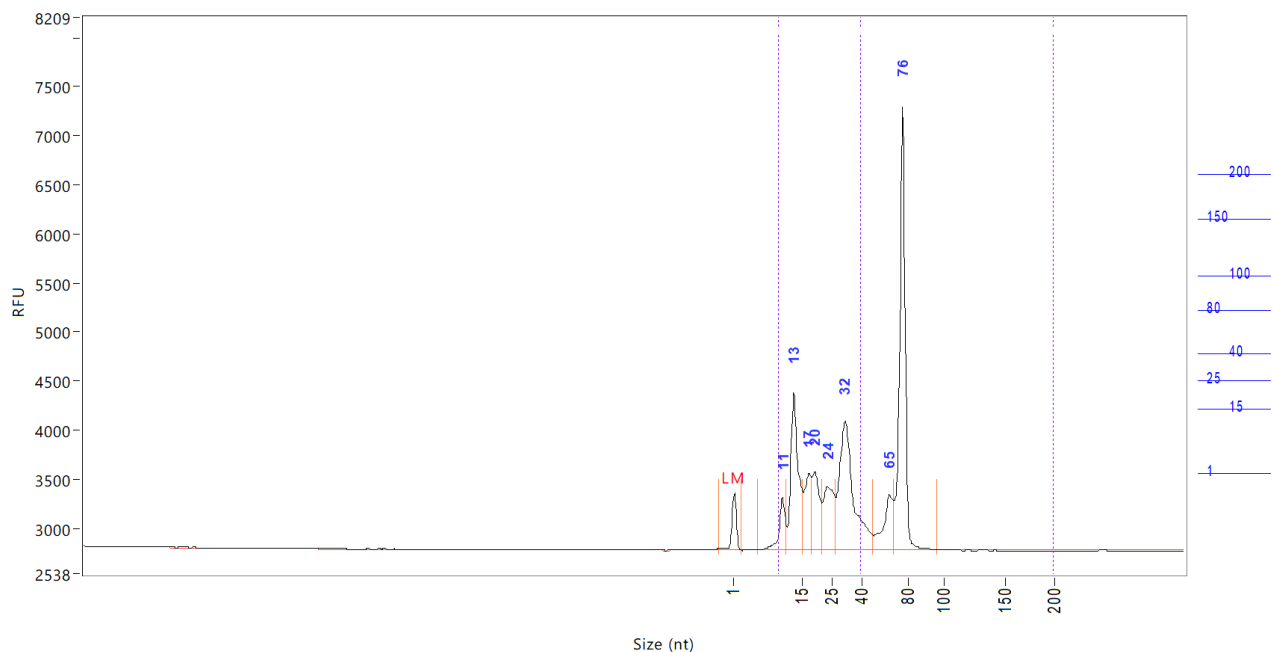
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	3	578
2	11	0.7255	6	12	540
3	13	2.6451	12	16	1612
4	17	1.1319	16	18	777
5	20	1.2560	18	22	793
6	24	1.4031	22	27	643
7	32	3.7277	27	51	1308
8	65	1.0384	51	67	561
9	76	4.5230	67	96	4524

|		
TIC:	16.4506	ng/uL
TIM:	1914.7677	nmole/L
Total Conc.:	16.0008	ng/uL
%microRNA	63.0	
smallRNA	15.9	ng/ul
microRNA	10.0	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 2N:3min
Well Location: A5
Created: Monday, March 18, 2019 1:30:02 PM
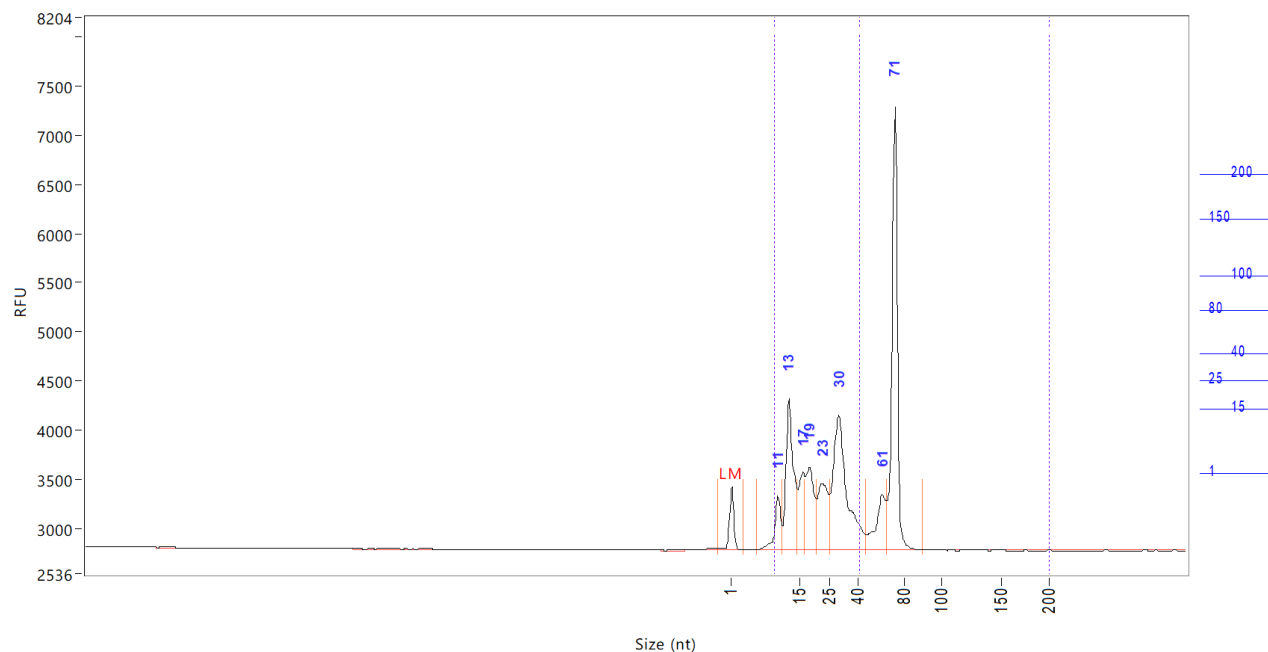
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	631
2	11	0.6599	7	12	552
3	13	2.3405	12	15	1541
4	17	0.9699	15	17	784
5	19	1.3292	17	21	837
6	23	1.3722	21	25	676
7	30	3.4933	25	47	1366
8	61	0.9797	47	65	567
9	71	4.1630	65	90	4516

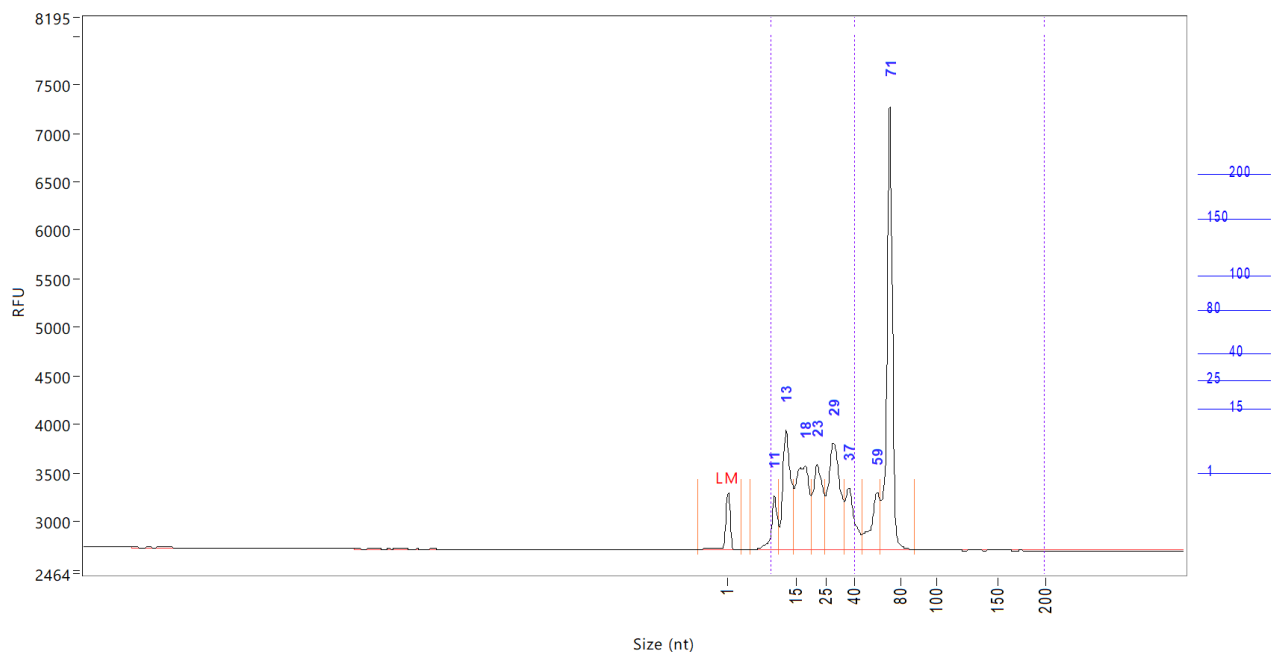|		
TIC:	15.3078	ng/uL
TIM:	1885.0032	nmole/L
Total Conc.:	14.8704	ng/uL
%microRNA	64.0	
smallRNA	14.7	ng/ul
microRNA	9.4	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 2N:5min
Well Location: A6
Created: Monday, March 18, 2019 1:30:02 PM
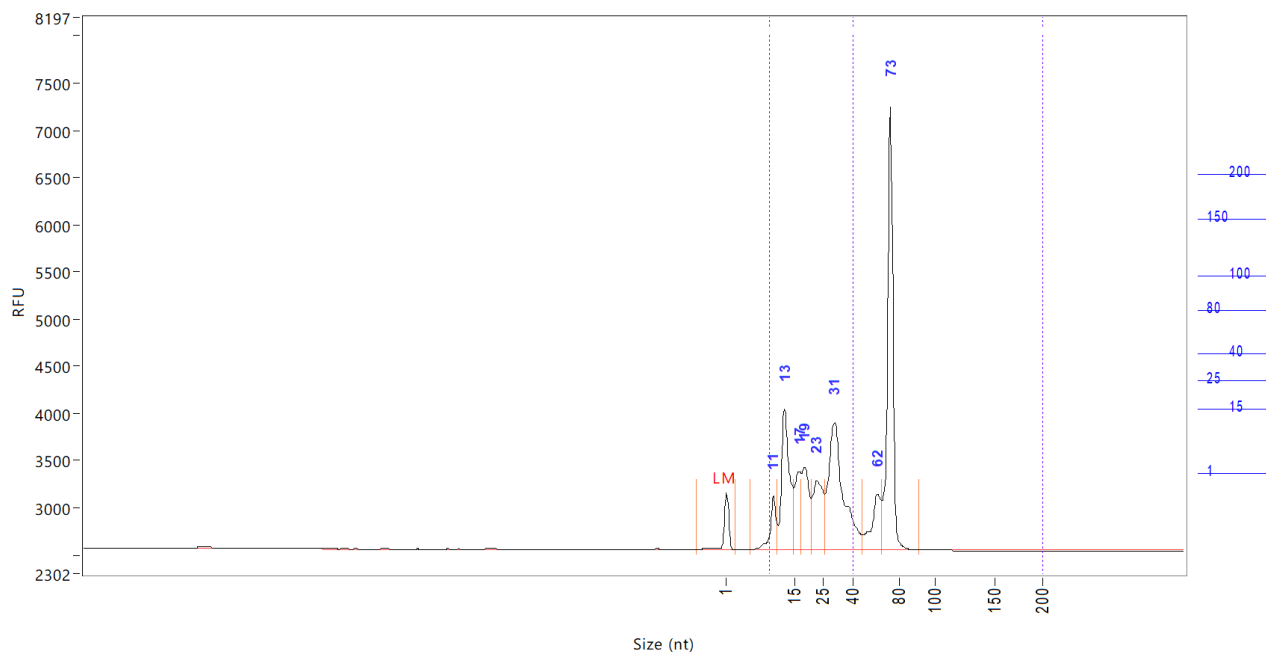
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	3	602
2	11	0.6785	6	12	571
3	13	2.3084	12	15	1494
4	17	1.0144	15	18	832
5	19	1.2915	18	21	873
6	23	1.5115	21	26	737
7	31	3.5909	26	48	1349
8	62	1.0053	48	66	594
9	73	4.2318	66	92	4699

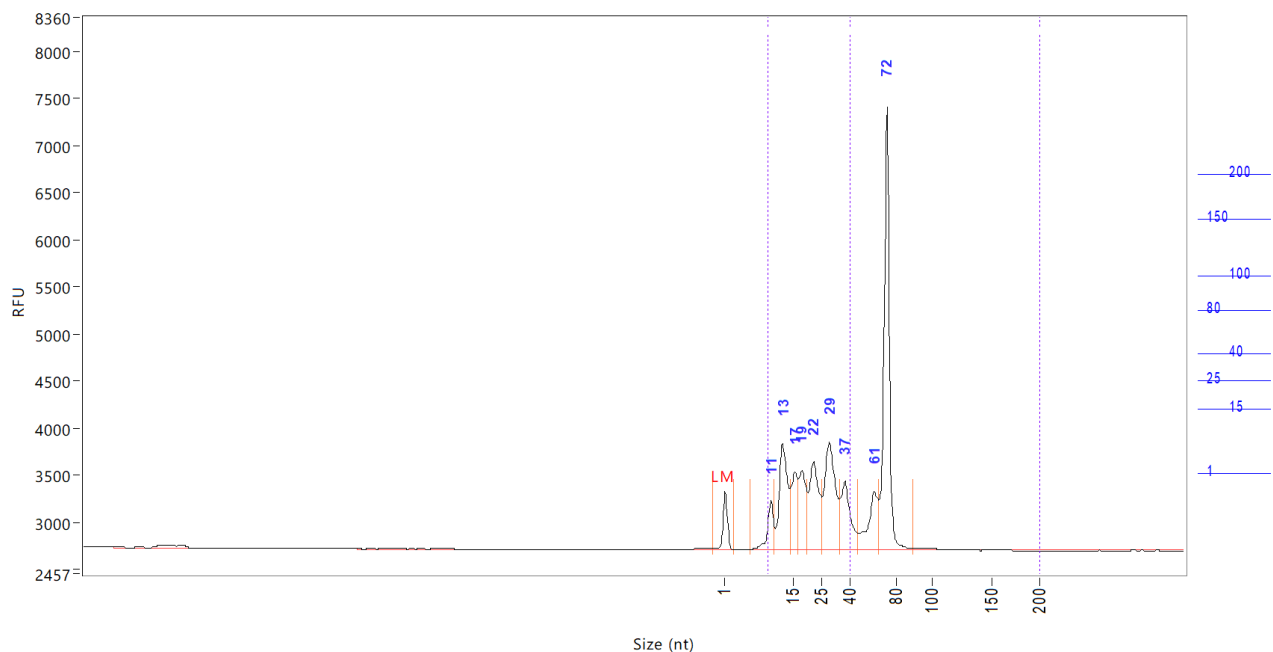|		
TIC:	15.6322	ng/uL
TIM:	1885.5612	nmole/L
Total Conc.:	15.1769	ng/uL
%microRNA	63.8	
smallRNA	15.1	ng/ul
microRNA	9.6	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 2N:7min
Well Location: A7
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	591
2	11	0.6624	5	12	540
3	13	2.1685	12	15	1372
4	17	1.1230	15	18	802
5	19	1.3022	18	21	856
6	22	1.4916	21	25	740
7	30	3.5633	25	48	1271
8	60	0.9991	48	64	579
9	71	4.2809	64	90	4560

|		
TIC:	15.5910	ng/uL
TIM:	1902.0270	nmole/L
Total Conc.:	15.1271	ng/uL
%microRNA	63.9	
smallRNA	15.0	ng/ul
microRNA	9.6	ng/ul

```
Sample Peak Width (sec): 3     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): 22
Manual Baseline Start (min): 12      Manual Baseline End (min): 22
Marker Peak Width (sec): 3     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder          Final Concentration (ng/uL): 0.4000          Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region       Min. Size (nt): 10        miRNA Max. Size (nt): 40        small RNA Max. Size (nt): 200
```

Sample: 2N:10min
Well Location: A8
Created: Monday, March 18, 2019 1:30:02 PM
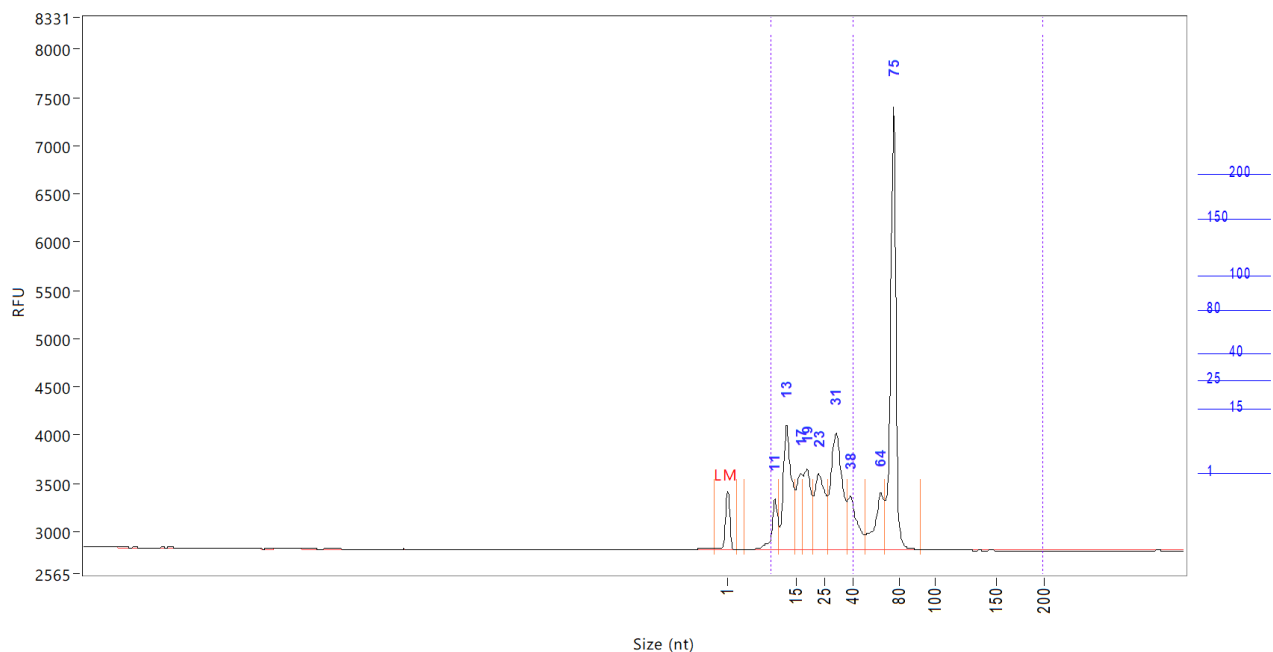
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	598
2	11	0.6668	5	12	524
3	13	2.2350	12	15	1282
4	17	1.1404	15	18	787
5	19	1.2359	18	21	828
6	23	1.7278	21	27	782
7	31	2.7130	27	37	1201
8	38	1.0496	37	51	548
9	64	1.0058	51	67	580
10	75	4.4805	67	92	4592

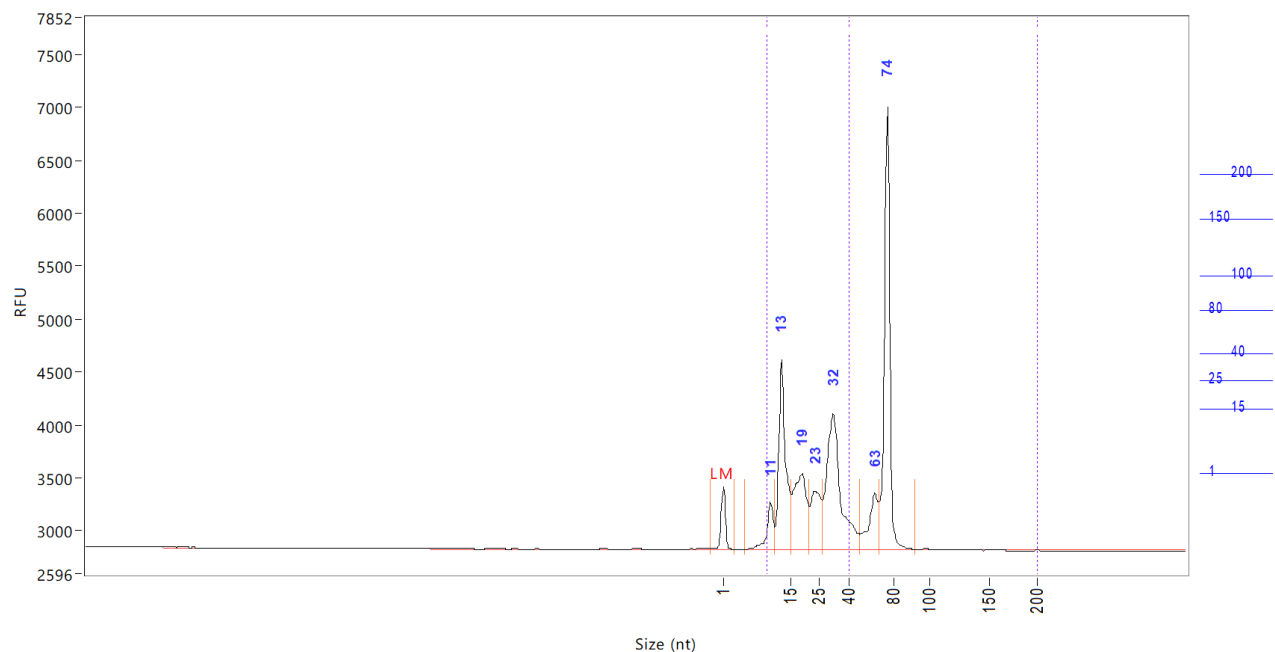|		
TIC:	16.2547	ng/uL
TIM:	1887.3473	nmole/L
Total Conc.:	15.7170	ng/uL
%microRNA	62.7	
smallRNA	15.6	ng/ul
microRNA	9.8	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 2N:15min
Well Location: A9
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	589
2	11	0.6988	6	12	552
3	13	2.1084	12	15	1227
4	18	2.2487	15	20	857
5	23	1.7498	20	25	876
6	29	2.5382	25	35	1095
7	37	1.1306	35	47	635
8	59	1.0332	47	63	587
9	71	4.4773	63	88	4564

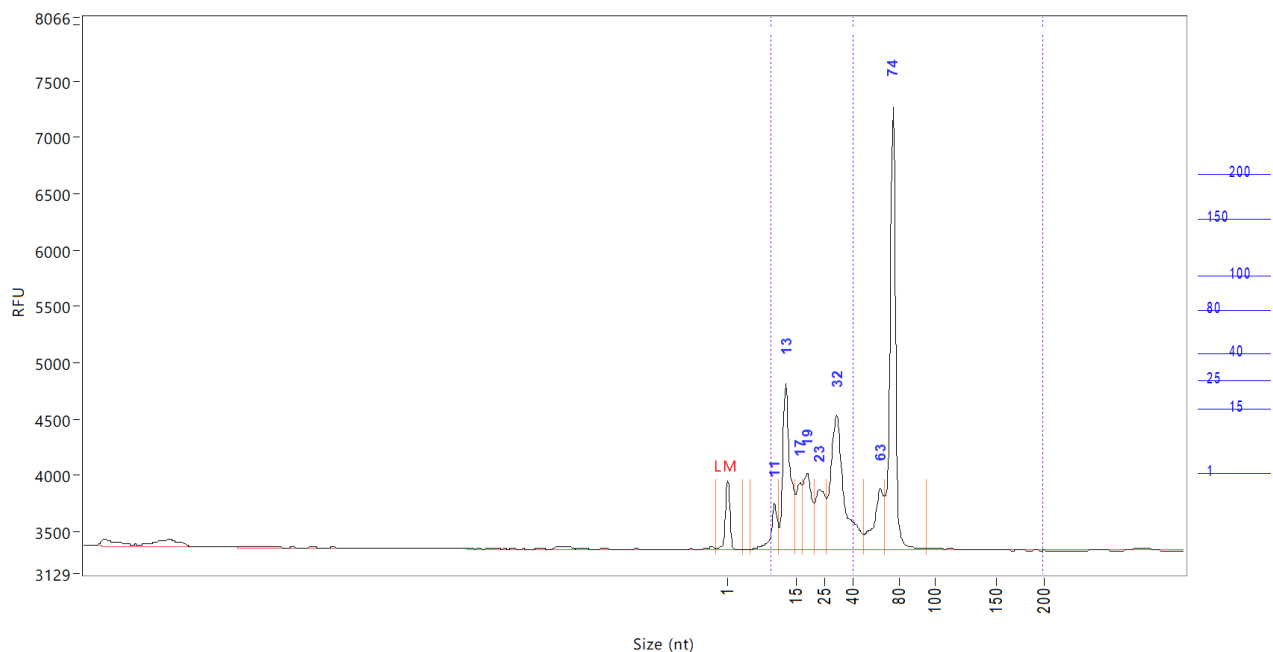|		
TIC:	15.9850	ng/uL
TIM:	1916.0358	nmole/L
Total Conc.:	15.5573	ng/uL
%microRNA	63.3	
smallRNA	15.5	ng/ul
microRNA	9.8	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200
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Sample: 2N:20min
Well Location: A10
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	610
2	11	0.6262	7	12	519
3	13	1.9153	12	15	1128
4	17	1.1384	15	18	821
5	19	1.2219	18	20	836
6	22	1.7428	20	25	928
7	29	2.2966	25	34	1135
8	37	1.3243	34	48	719
9	61	1.0776	48	65	614
10	72	4.4164	65	90	4700

|		
TIC:	15.7595	ng/uL
TIM:	1863.7688	nmole/L
Total Conc.:	15.2589	ng/uL
%microRNA	62.5	
smallRNA	15.2	ng/ul
microRNA	9.5	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 2N:30min
Well Location: A11
Created: Monday, March 18, 2019 1:30:02 PM
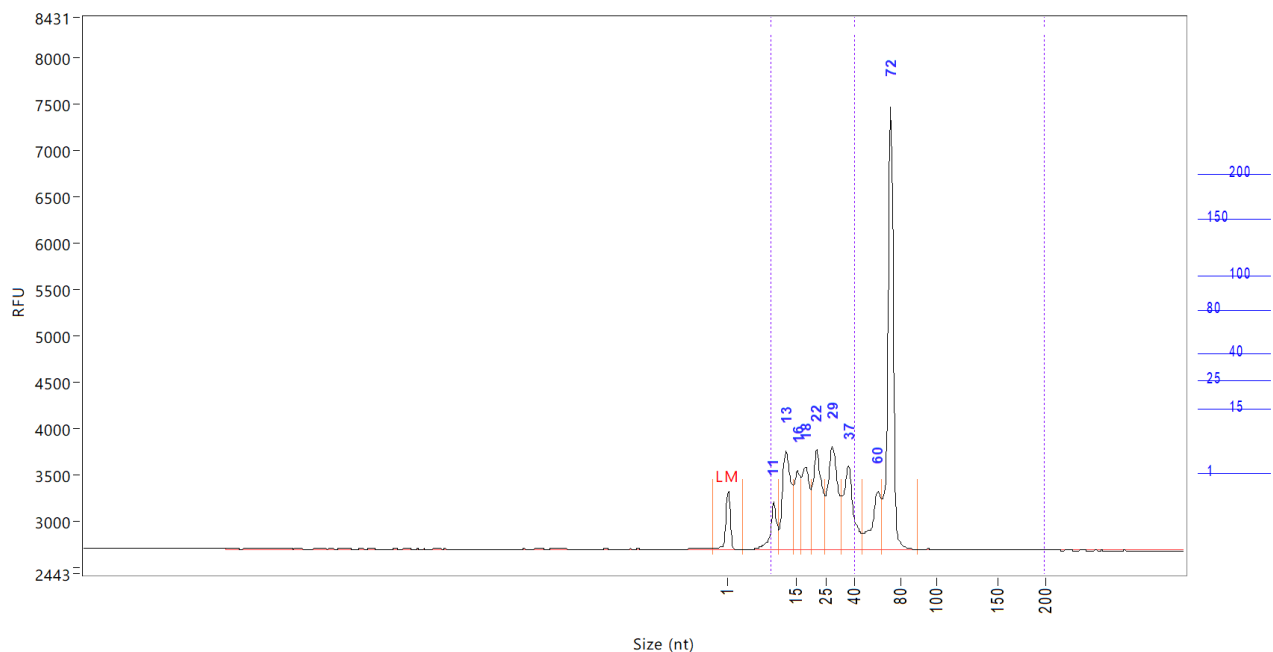
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	628
2	11	0.6281	5	12	504
3	13	1.8414	12	14	1062
4	16	1.0492	14	17	846
5	18	1.3585	17	20	882
6	22	1.8707	20	25	1075
7	29	2.0414	25	33	1106
8	37	1.6460	33	48	888
9	60	1.0356	48	64	627
10	72	4.3671	64	90	4766

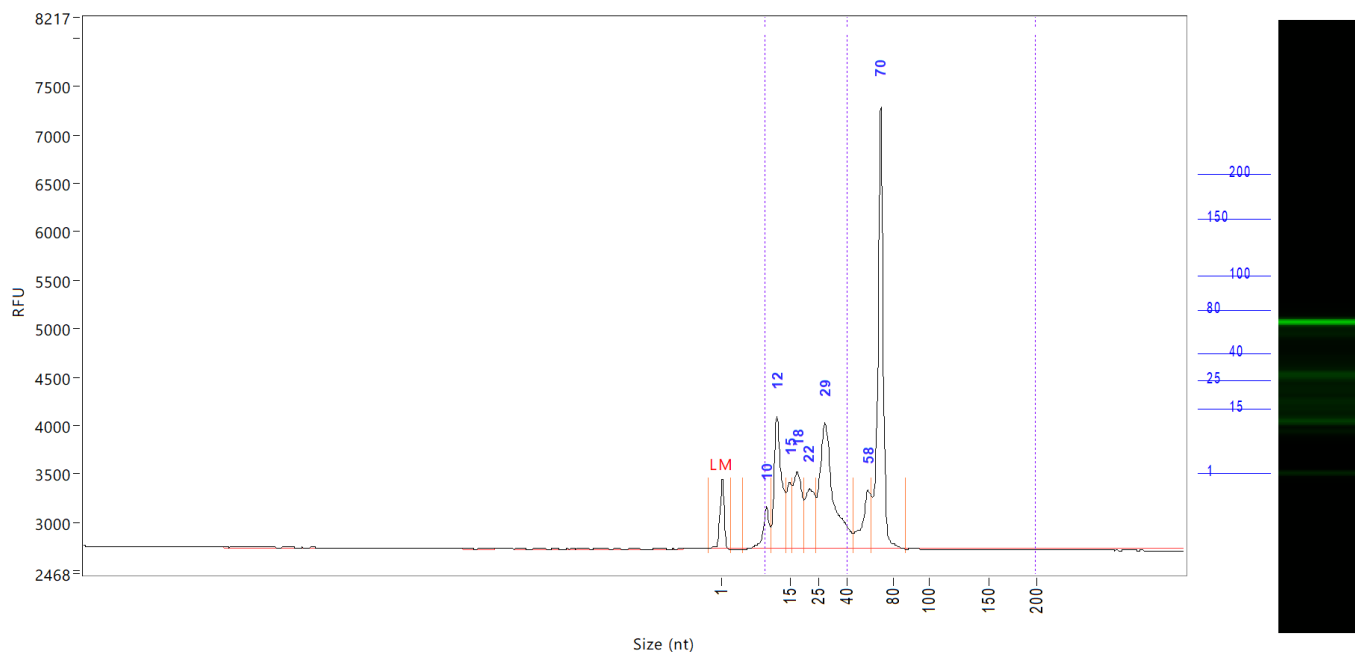|		
TIC:	15.8380	ng/uL
TIM:	1871.8745	nmole/L
Total Conc.:	15.2998	ng/uL
%microRNA	63.2	
smallRNA	15.2	ng/ul
microRNA	9.6	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 2N:Cont
Well Location: A12
Created: Monday, March 18, 2019 1:30:02 PM
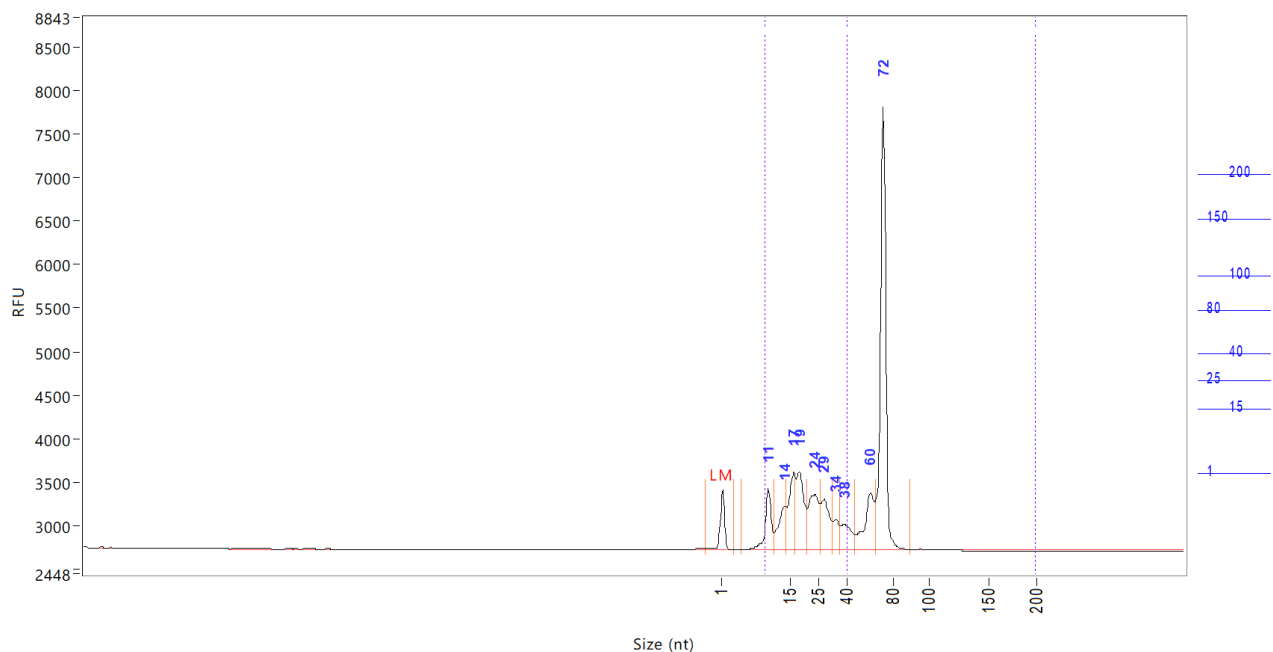
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	678
2	11	0.7485	6	12	690
3	14	0.7275	12	14	489
4	17	1.0638	14	18	880
5	19	1.2392	18	21	879
6	24	1.1794	21	26	625
7	29	0.8989	26	32	570
8	34	0.3748	32	36	344
9	38	0.5298	36	47	284
10	60	1.0343	47	65	649
11	72	4.3120	65	89	5090

|		
TIC:	12.1083	ng/uL
TIM:	1359.9972	nmole/L
Total Conc.:	11.6502	ng/uL
%microRNA	52.6	
smallRNA	11.5	ng/ul
microRNA	6.1	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 3N:30s
Well Location: B1
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	582
2	11	0.5978	6	12	442
3	13	2.6718	12	15	1788
4	19	1.9259	15	22	714
5	23	1.1229	22	27	544
6	32	3.4796	27	50	1276
7	63	0.9413	50	67	527
8	74	4.1060	67	93	4183

TIC:	14.8452	ng/uL
TIM:	1778.1514	nmole/L
Total Conc.:	14.5421	ng/uL
%microRNA	63.2	
smallRNA	14.4	ng/ul
microRNA	9.1	ng/ul

Sample: 3N:45s
Well Location: B2
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	5	609
2	11	0.5473	6	12	405
3	13	2.2305	12	15	1475
4	17	0.6866	15	18	589
5	19	1.1418	18	22	678
6	23	1.0347	22	27	527
7	32	2.9872	27	49	1194
8	63	0.9707	49	67	544
9	74	3.7628	67	95	3931

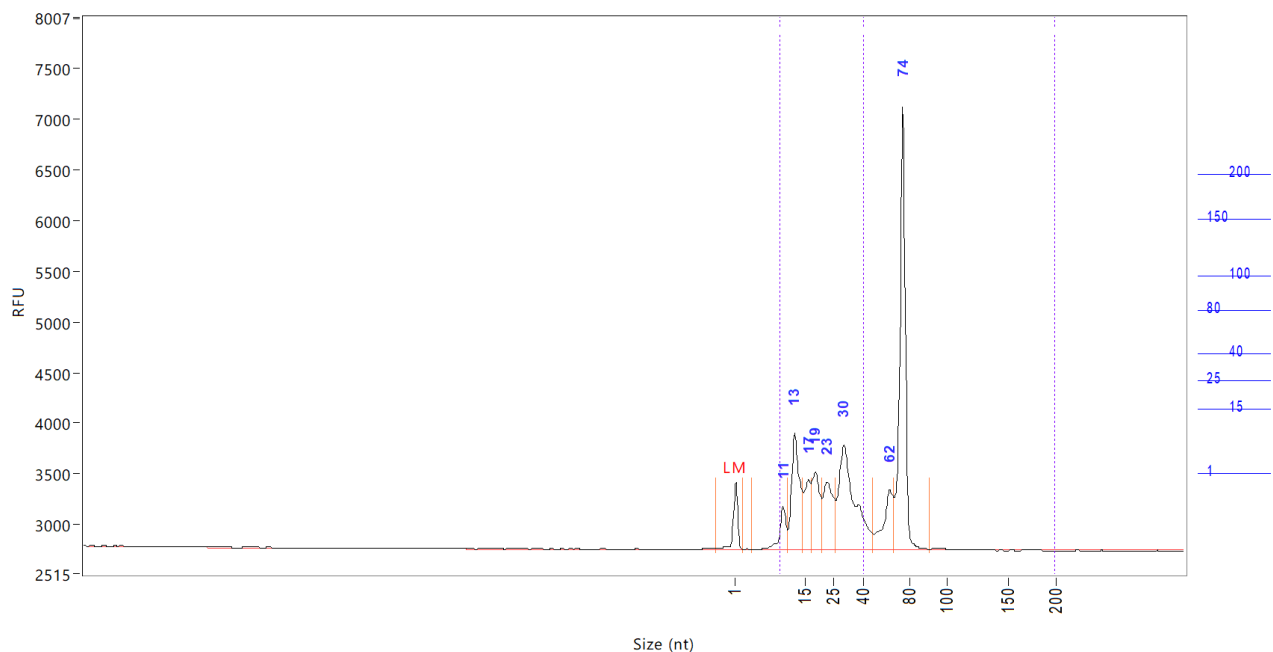|		
TIC:	13.3616	ng/uL
TIM:	1578.1776	nmole/L
Total Conc.:	13.0378	ng/uL
%microRNA	61.6	
smallRNA	12.9	ng/ul
microRNA	8.0	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 3N:1min
Well Location: B3
Created: Monday, March 18, 2019 1:30:02 PM
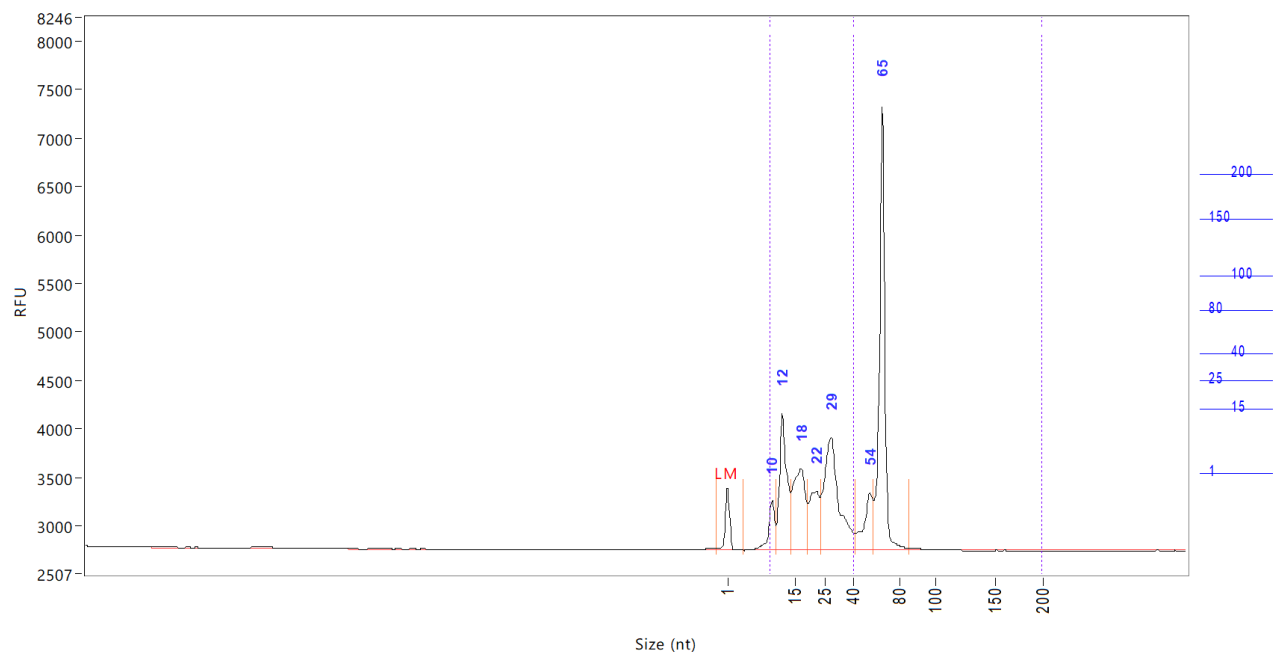
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	639
2	10	0.6089	5	11	504
3	12	2.1084	11	14	1405
4	18	1.9355	14	20	834
5	22	1.1705	20	24	602
6	29	3.0692	24	42	1161
7	54	0.9576	42	58	591
8	65	4.2129	58	86	4574

TIC:	14.0630	ng/uL
TIM:	1747.5658	nmole/L
Total Conc.:	13.7621	ng/uL
%microRNA	62.0	
smallRNA	13.6	ng/ul
microRNA	8.4	ng/ul

Sample: 3N:2min
Well Location: B4
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	718
2	10	0.4772	6	11	430
3	12	1.8166	11	14	1359
4	15	0.7022	14	17	687
5	18	1.1923	17	20	788
6	22	1.0065	20	24	614
7	29	2.9586	24	45	1294
8	58	0.8599	45	62	599
9	70	3.7878	62	87	4570

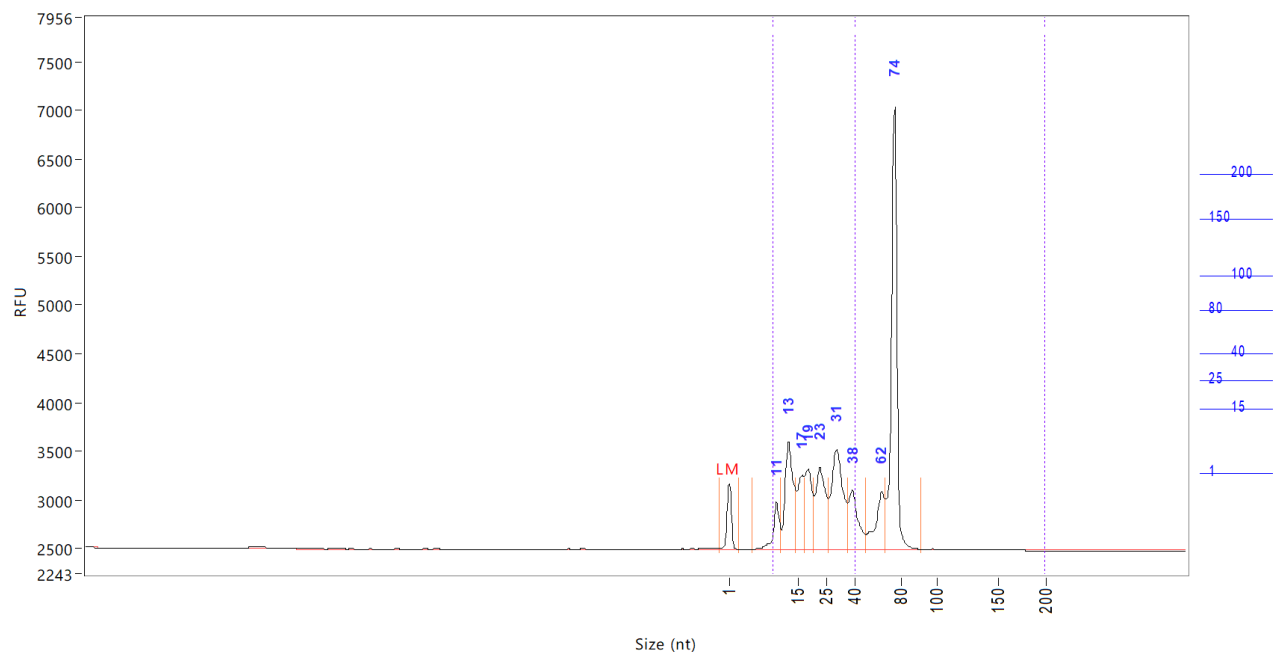|		
TIC:	12.8013	ng/uL
TIM:	1557.0997	nmole/L
Total Conc.:	12.4360	ng/uL
%microRNA	61.6	
smallRNA	12.3	ng/ul
microRNA	7.6	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 3N:3min
Well Location: B5
Created: Monday, March 18, 2019 1:30:02 PM
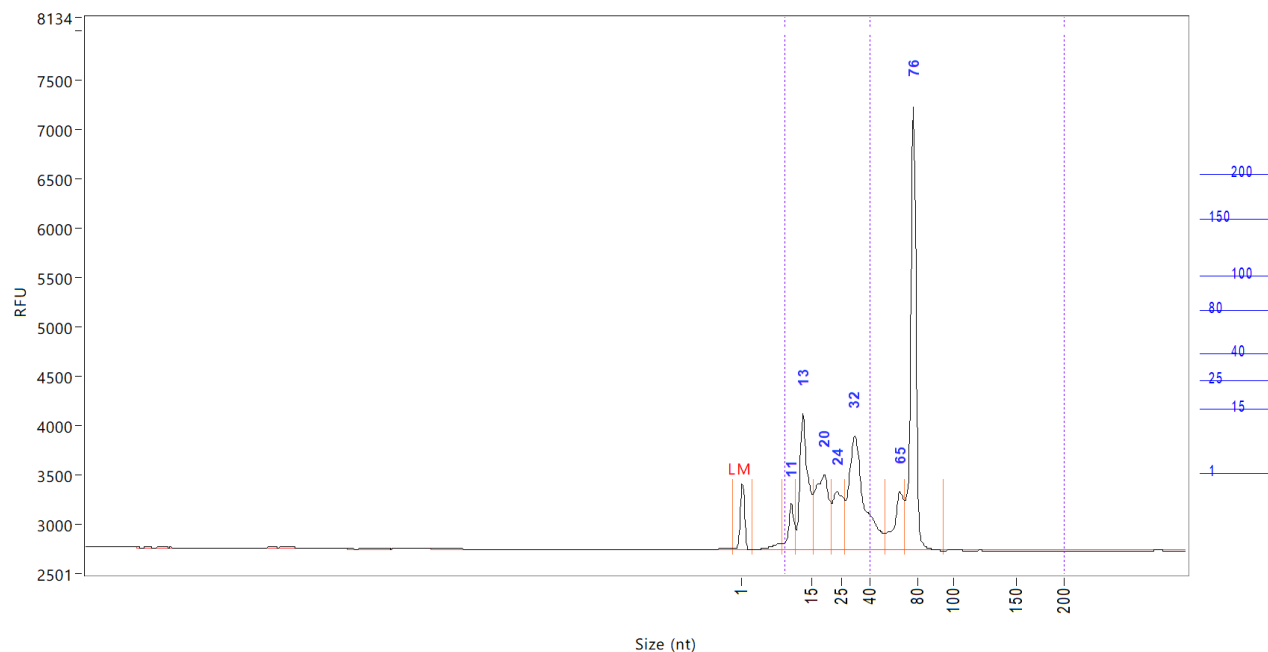
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	667
2	11	0.5226	10	12	465
3	13	2.1089	12	16	1381
4	20	1.8694	16	22	759
5	24	1.2086	22	28	590
6	32	3.0980	28	52	1158
7	65	0.9814	52	70	592
8	76	3.9239	70	94	4490

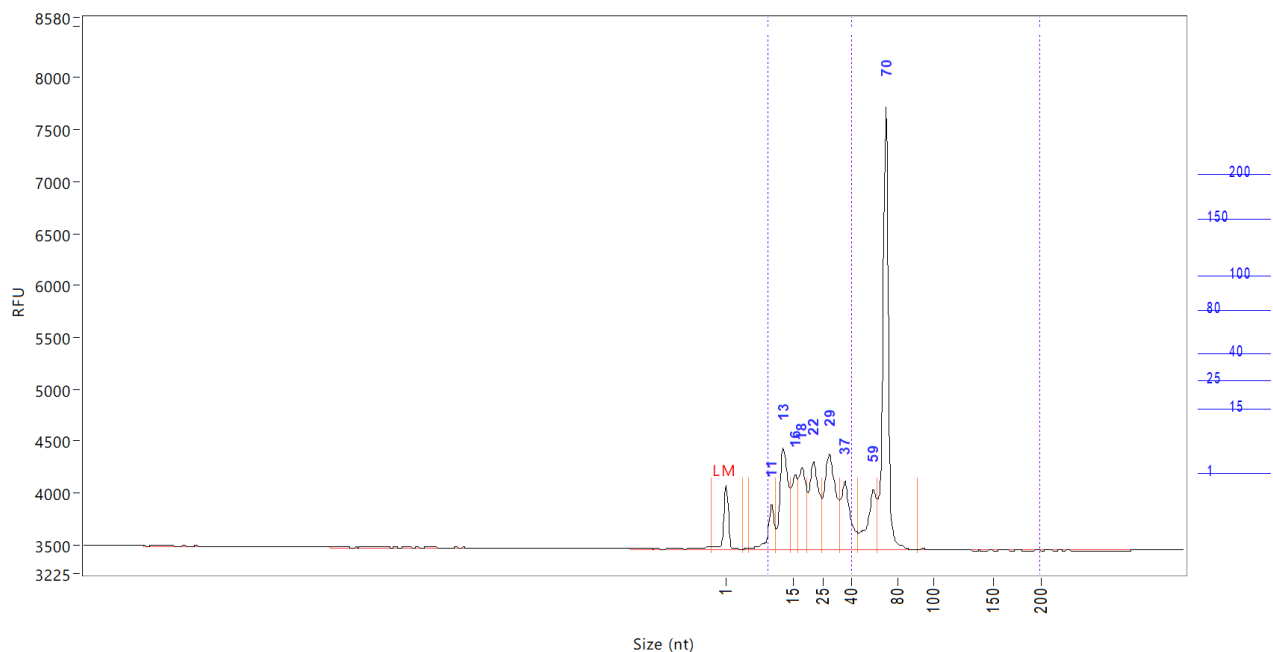|		
TIC:	13.7127	ng/uL
TIM:	1529.4512	nmole/L
Total Conc.:	13.5473	ng/uL
%microRNA	60.5	
smallRNA	13.4	ng/ul
microRNA	8.1	ng/ul

```
Sample Peak Width (sec): 3     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): 22
Manual Baseline Start (min): 12      Manual Baseline End (min): 22
Marker Peak Width (sec): 3     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder          Final Concentration (ng/uL): 0.4000          Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region        Min. Size (nt): 10        miRNA Max. Size (nt): 40        small RNA Max. Size (nt): 200
```

Sample: 3N:5min
Well Location: B6
Created: Monday, March 18, 2019 1:30:02 PM
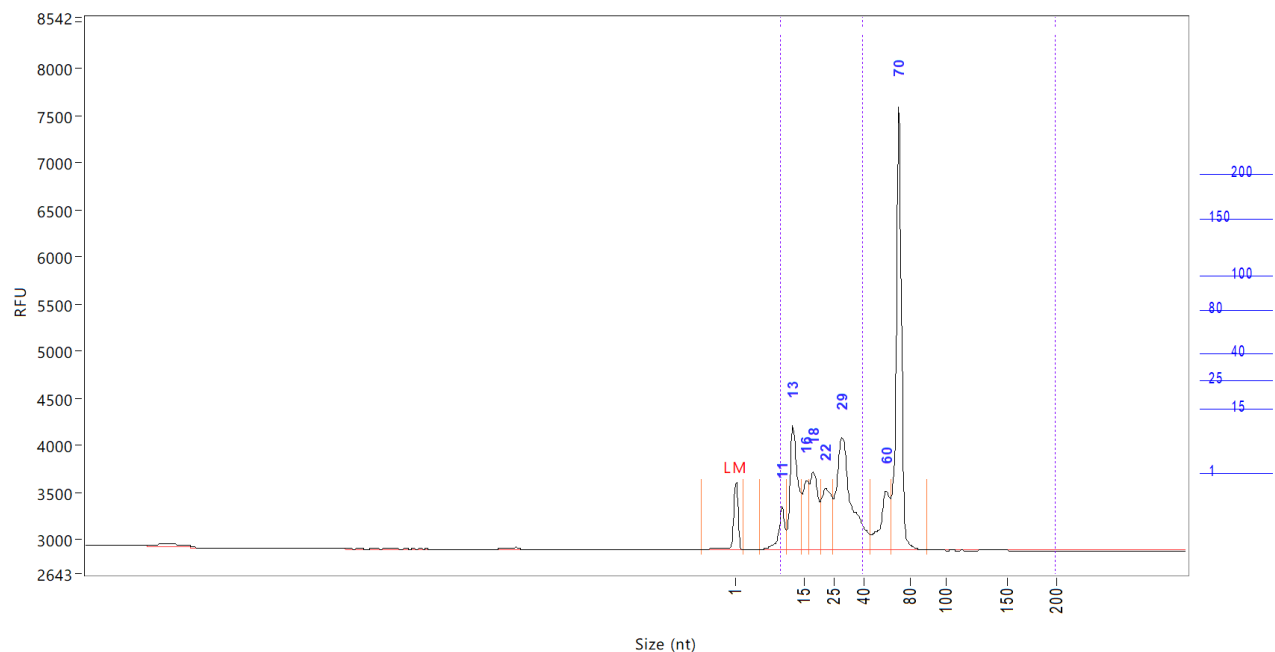
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	708
2	11	0.4863	6	11	462
3	13	1.7872	11	15	1309
4	16	0.7088	15	17	731
5	18	1.1812	17	21	822
6	22	1.0656	21	25	653
7	29	2.8111	25	46	1194
8	60	0.9237	46	64	624
9	70	3.6869	64	90	4701

TIC:	12.6508	ng/uL
TIM:	1505.5602	nmole/L
Total Conc.:	12.2856	ng/uL
%microRNA	61.4	
smallRNA	12.2	ng/ul
microRNA	7.5	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200
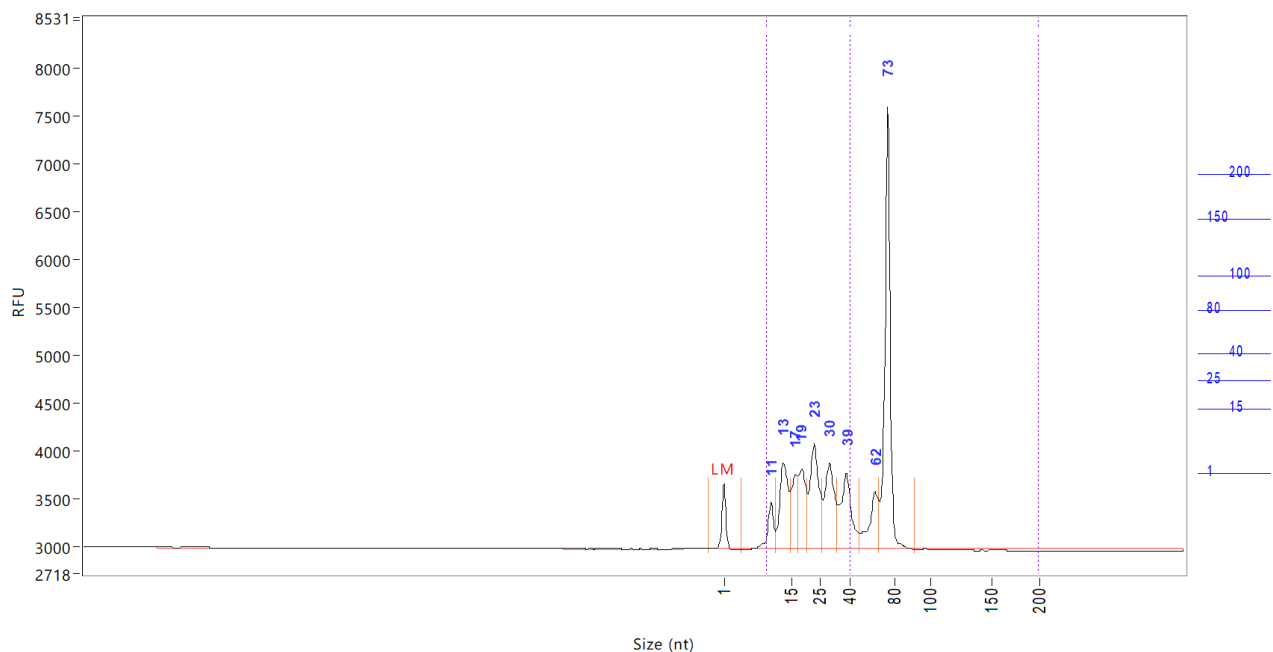
Sample: 3N:7min
Well Location: B7
Created: Monday, March 18, 2019 1:30:02 PM
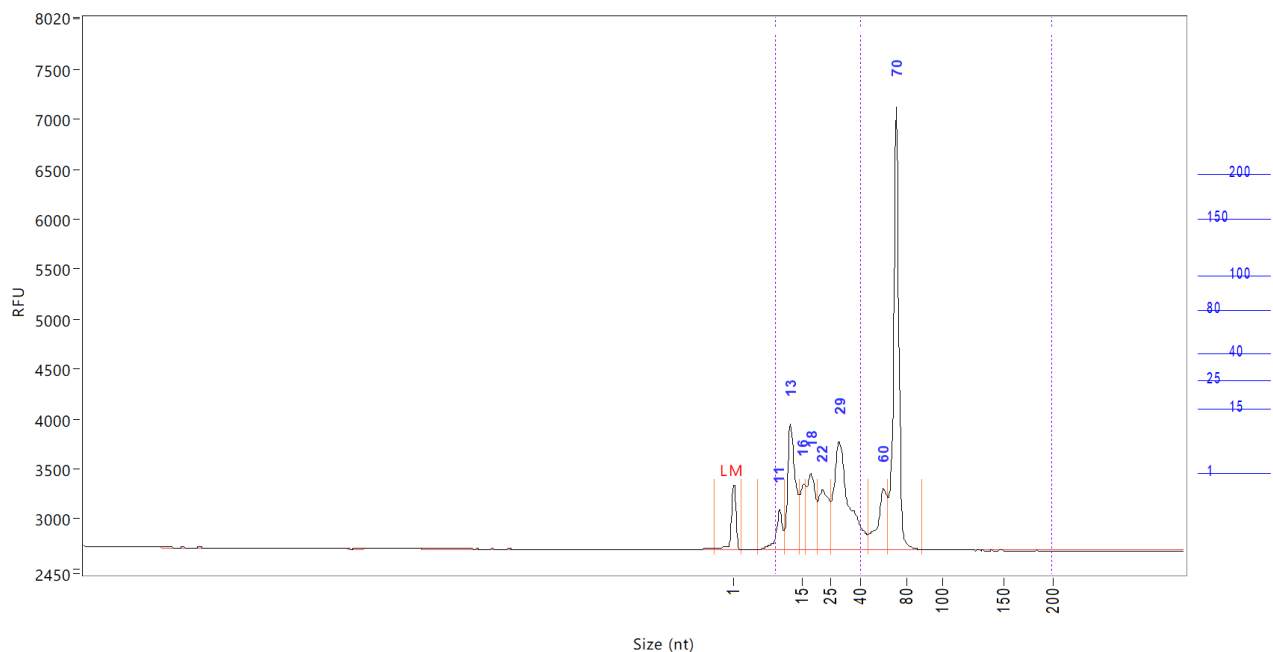
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	3	643
2	11	0.4903	6	12	398
3	13	1.8535	12	15	1259
4	16	0.7157	15	17	656
5	18	1.2266	17	21	755
6	22	1.1427	21	25	598
7	29	2.8203	25	46	1074
8	60	0.9820	46	64	604
9	70	3.9519	64	89	4433

TIC:	13.1831	ng/uL
TIM:	1556.6670	nmole/L
Total Conc.:	12.8058	ng/uL
%microRNA	60.3	
smallRNA	12.7	ng/ul
microRNA	7.7	ng/ul

Sample: 3N:10min
Well Location: B8
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	663
2	11	0.4913	5	12	421
3	13	1.7766	12	15	1145
4	17	0.8065	15	18	681
5	19	1.1500	18	21	758
6	23	1.2555	21	26	657
7	30	2.7882	26	49	1027
8	62	0.9826	49	67	582
9	74	3.7607	67	91	4370

TIC:	13.0114	ng/uL
TIM:	1517.4316	nmole/L
Total Conc.:	12.6399	ng/uL
%microRNA	60.6	
smallRNA	12.6	ng/ul
microRNA	7.6	ng/ul

Sample: 3N:15min
Well Location: B9
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	668
2	11	0.5628	6	12	477
3	13	1.7440	12	15	1095
4	17	0.9958	15	18	756
5	19	1.1115	18	21	821
6	23	1.5772	21	27	833
7	31	2.1268	27	36	1019
8	38	0.9853	36	49	599
9	62	0.9527	49	66	590
10	74	4.0684	66	92	4545

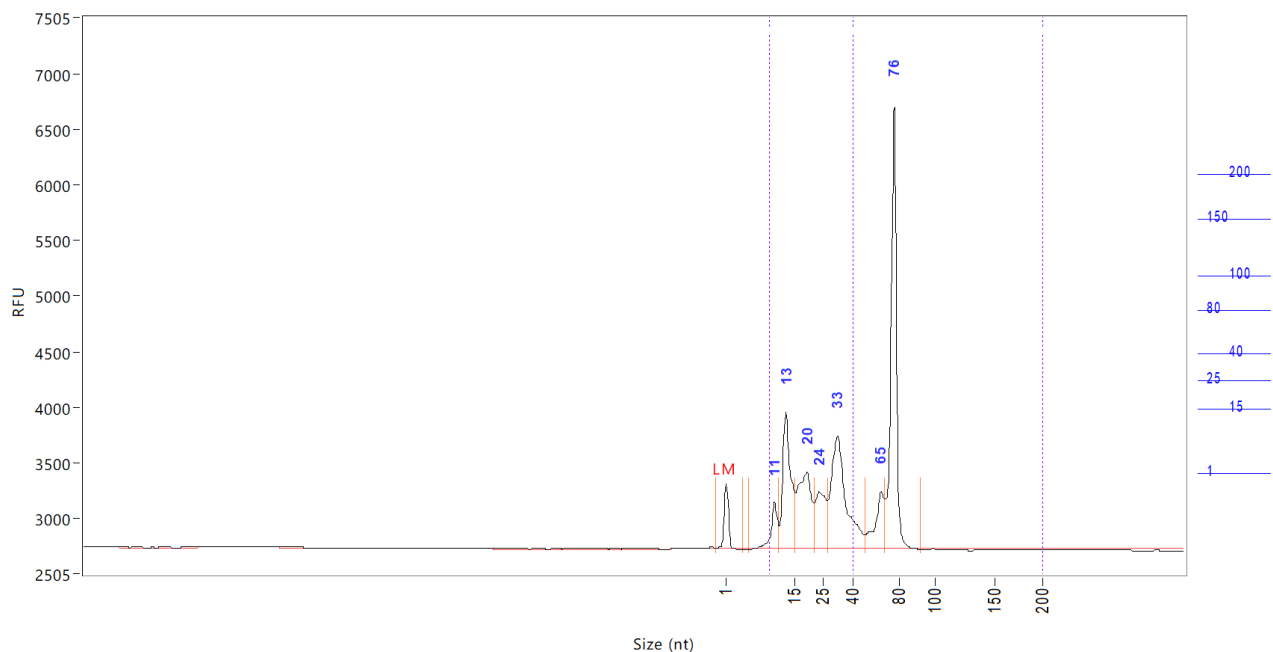|		
TIC:	14.1245	ng/uL
TIM:	1640.0591	nmole/L
Total Conc.:	13.6525	ng/uL
%microRNA	61.1	
smallRNA	13.6	ng/ul
microRNA	8.3	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 3N:20min
Well Location: B10
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	618
2	11	0.5242	6	12	430
3	13	1.6227	12	15	967
4	16	0.7974	15	17	715
5	18	1.1750	17	20	781
6	22	1.5027	20	25	835
7	29	1.9020	25	34	912
8	37	1.0777	34	46	651
9	59	0.9479	46	63	572
10	70	3.8475	63	92	4260

TIC:	13.3972	ng/uL
TIM:	1601.1733	nmole/L
Total Conc.:	12.9380	ng/uL
%microRNA	61.8	
smallRNA	12.8	ng/ul
microRNA	7.9	ng/ul

Sample: 3N:30min
Well Location: B11
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	676
2	11	0.5492	5	12	483
3	13	1.4511	12	15	899
4	17	0.9131	15	18	773
5	19	1.2306	18	21	838
6	23	1.8184	21	26	1090
7	30	1.5276	26	34	888
8	39	1.4366	34	49	789
9	62	0.9631	49	66	593
10	73	4.0115	66	92	4621

|		
TIC:	13.9011	ng/uL
TIM:	1585.3994	nmole/L
Total Conc.:	13.4345	ng/uL
%microRNA	60.7	
smallRNA	13.4	ng/ul
microRNA	8.1	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 3N:Cont
Well Location: B12
Created: Monday, March 18, 2019 1:30:02 PM
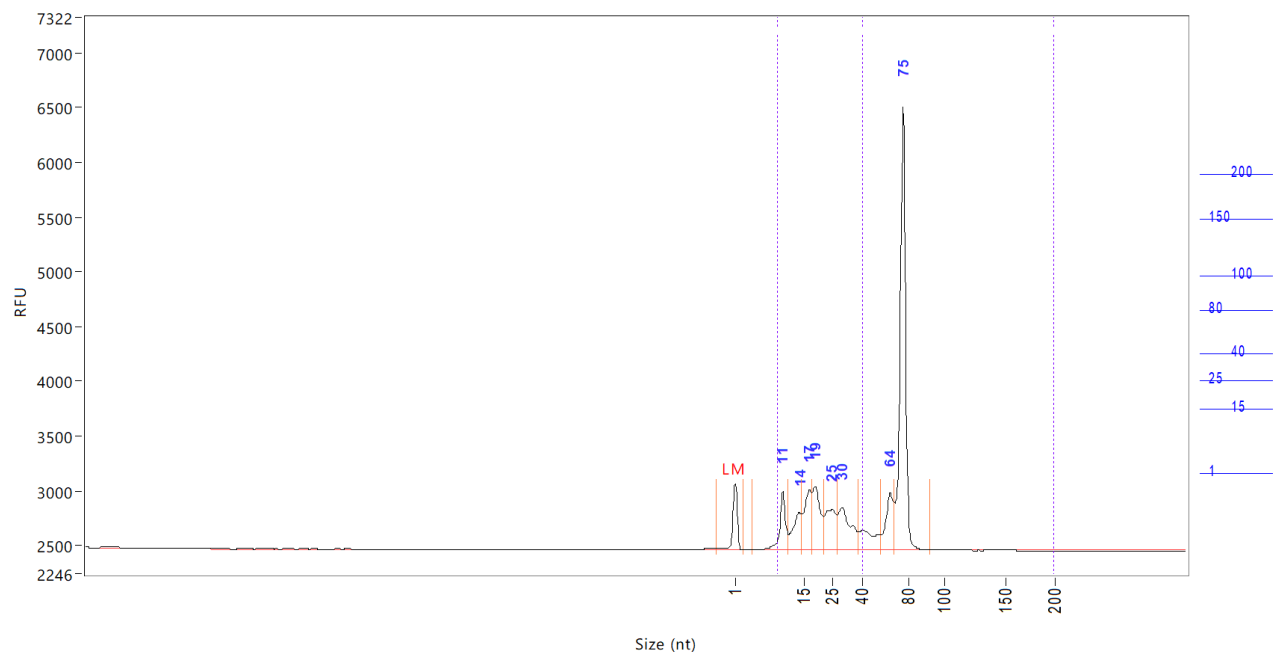
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	599
2	11	0.6413	5	12	532
3	14	0.6063	12	15	335
4	17	0.8237	15	18	546
5	19	0.9235	18	22	575
6	25	0.7916	22	28	373
7	30	0.9445	28	38	386
8	64	0.7369	56	68	511
9	75	3.7505	68	92	4044

TIC:	9.2182	ng/uL
TIM:	976.8333	nmole/L
Total Conc.:	9.4361	ng/uL
%microRNA	48.4	
smallRNA	9.4	ng/ul
microRNA	4.5	ng/ul

Sample: 5N:30s
Well Location: C1
Created: Monday, March 18, 2019 1:30:02 PM
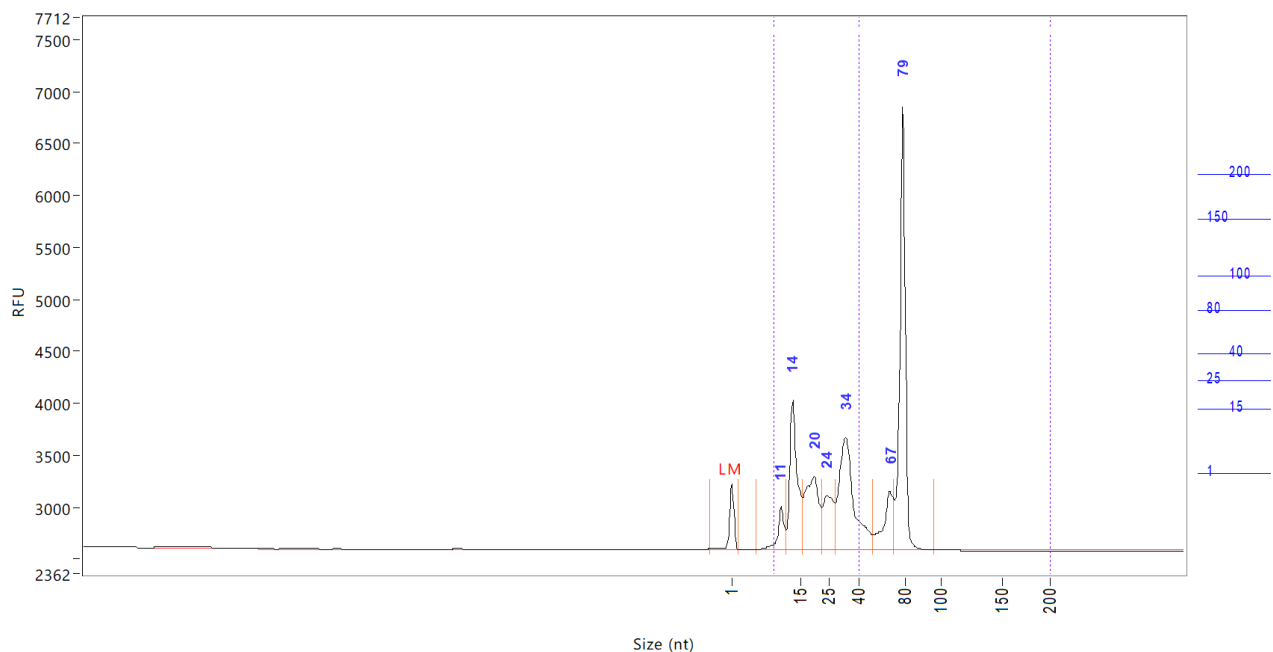
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	630
2	11	0.5179	7	12	407
3	14	2.1219	12	17	1433
4	20	1.8181	17	23	703
5	24	1.0453	23	29	515
6	34	2.8995	29	54	1079
7	67	0.9695	54	71	562
8	79	3.7949	71	96	4261

TIC:	13.1671	ng/uL
TIM:	1461.0822	nmole/L
Total Conc.:	12.8912	ng/uL
%microRNA	60.0	
smallRNA	12.8	ng/ul
microRNA	7.7	ng/ul

Sample: 5N:45s
Well Location: C2
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	581
2	11	0.5892	6	12	415
3	13	2.1878	12	16	1229
4	20	1.8997	16	22	687
5	24	1.1340	22	28	509
6	33	2.9873	28	51	1010
7	65	0.9333	51	69	515
8	76	4.0167	69	93	3975

TIC:	13.7480	ng/uL
TIM:	1561.3484	nmole/L
Total Conc.:	13.4467	ng/uL
%microRNA	60.8	
smallRNA	13.4	ng/ul
microRNA	8.1	ng/ul

Sample: 5N:1min
Well Location: C3
Created: Monday, March 18, 2019 1:30:02 PM
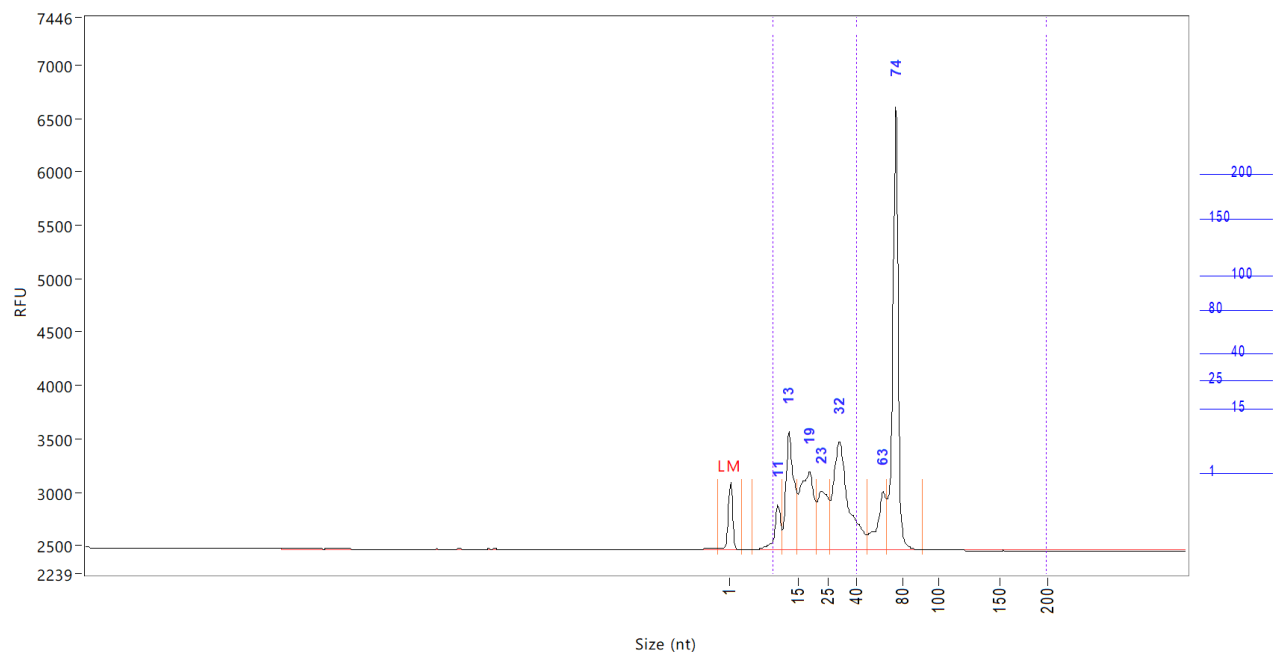
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	624
2	11	0.5146	6	12	421
3	13	1.8084	12	15	1109
4	19	1.8821	15	21	728
5	23	1.1267	21	27	546
6	32	2.8448	27	50	1010
7	63	0.9176	50	67	540
8	74	3.8435	67	92	4146

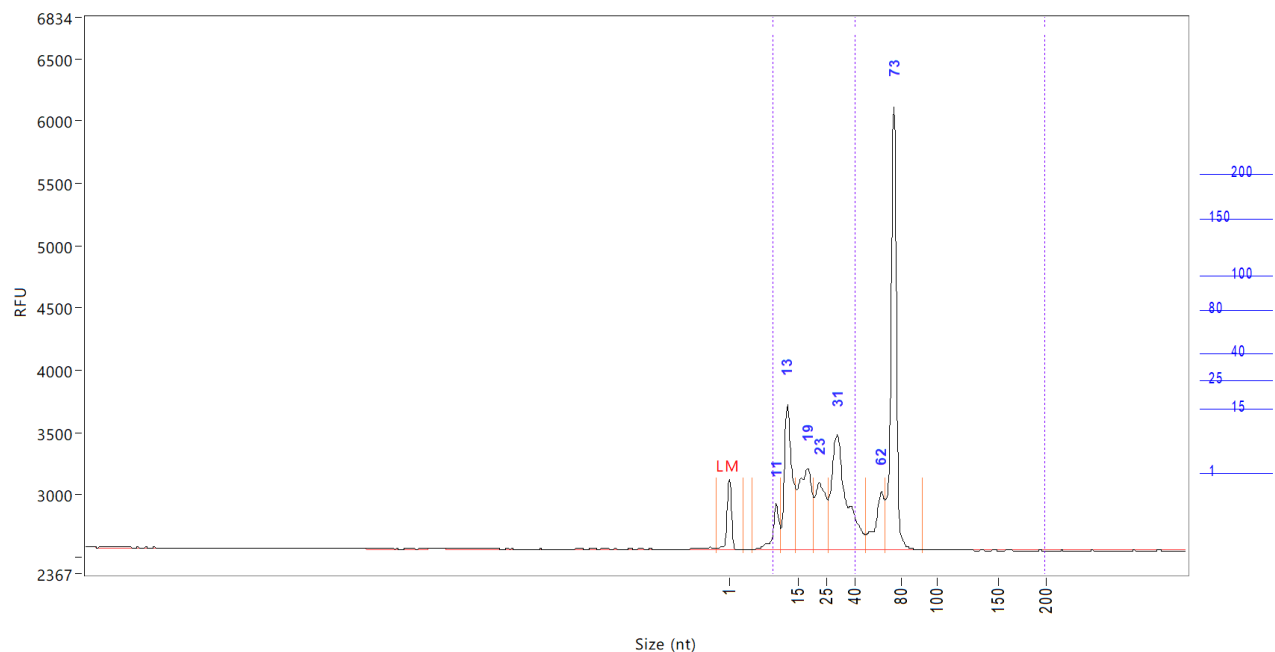|		
TIC:	12.9376	ng/uL
TIM:	1485.7631	nmole/L
Total Conc.:	12.6469	ng/uL
%microRNA	60.3	
smallRNA	12.6	ng/ul
microRNA	7.6	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 5N:2min
Well Location: C4
Created: Monday, March 18, 2019 1:30:02 PM
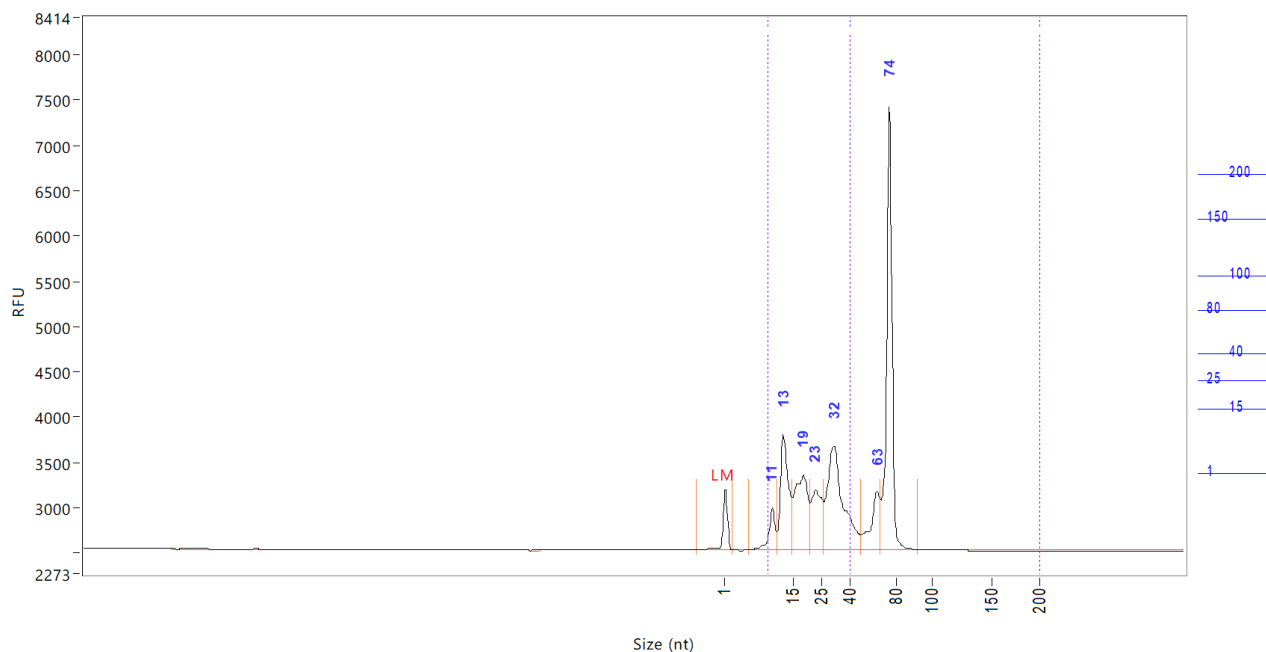
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	665
2	11	0.5309	7	12	458
3	13	1.9121	12	15	1275
4	19	1.8913	15	21	826
5	23	1.2801	21	27	660
6	32	3.0116	27	49	1138
7	63	0.9968	49	67	638
8	74	4.1594	67	92	4895

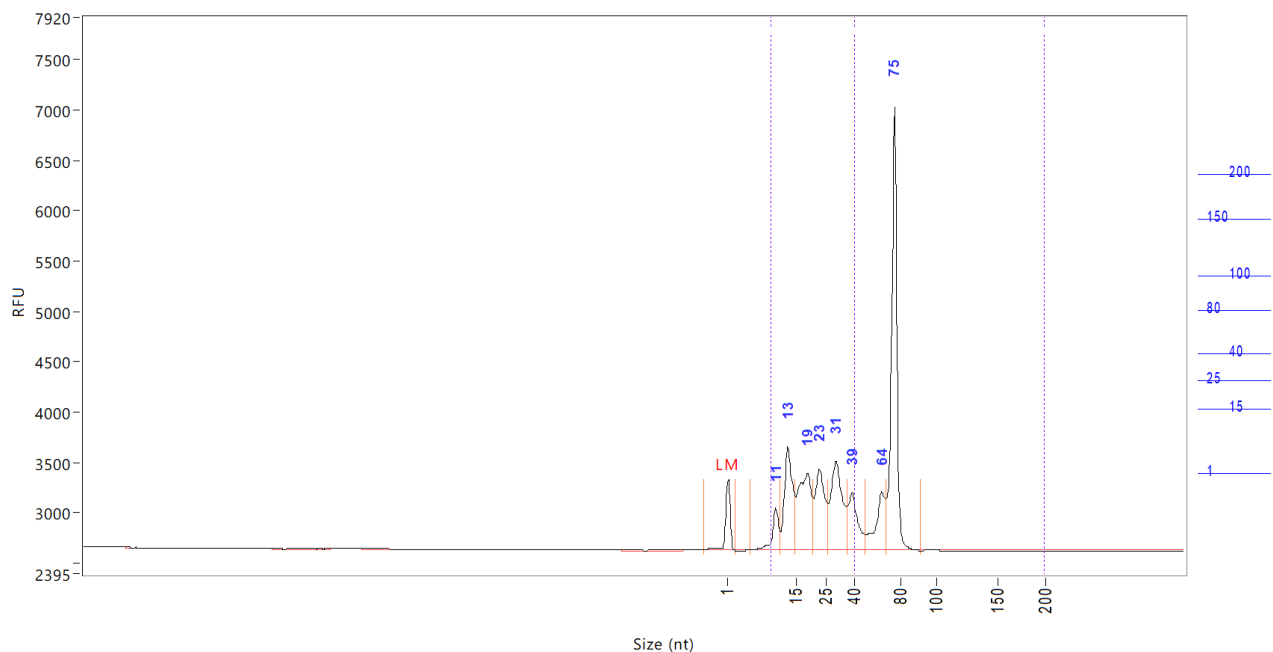|		
TIC:	13.7822	ng/uL
TIM:	1568.6024	nmole/L
Total Conc.:	13.4839	ng/uL
%microRNA	59.9	
smallRNA	13.4	ng/ul
microRNA	8.0	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 5N:3min
Well Location: C5
Created: Monday, March 18, 2019 1:30:02 PM
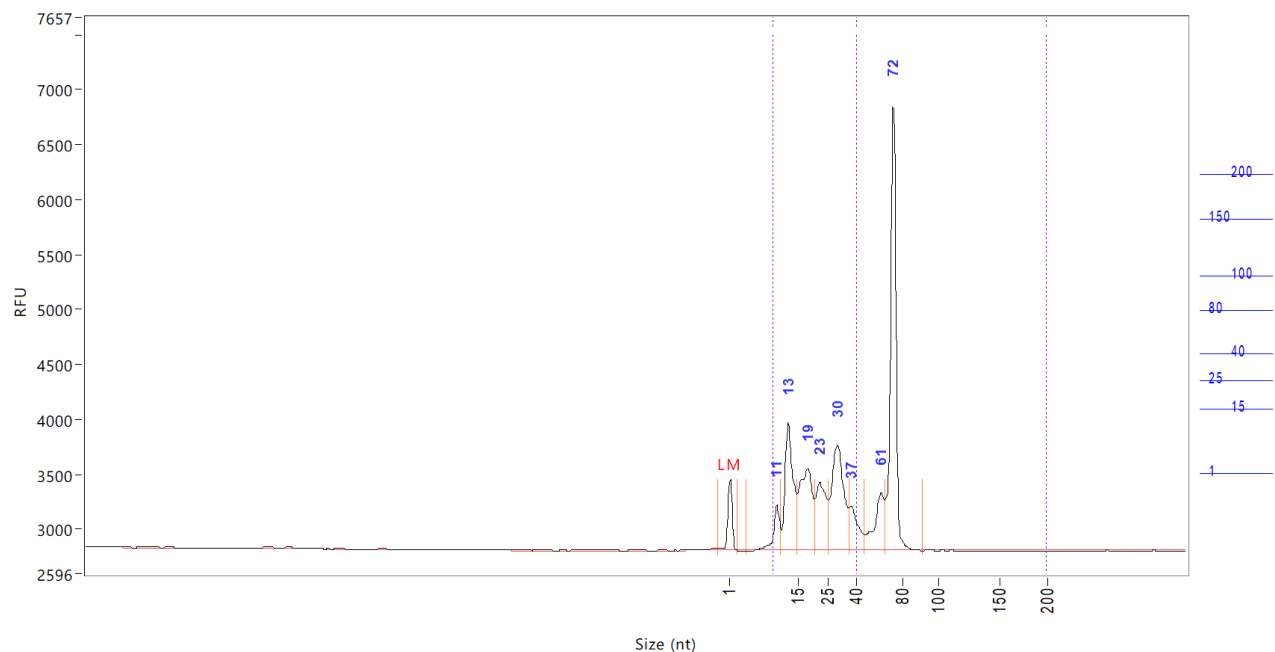
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	640
2	11	0.5115	5	12	411
3	13	1.8848	12	15	1162
4	19	1.8465	15	21	740
5	23	1.2139	21	26	616
6	30	2.2073	26	36	949
7	37	0.6823	36	48	397
8	61	0.8991	48	65	525
9	72	3.8196	65	91	4035

TIC:	13.0649	ng/uL
TIM:	1533.1213	nmole/L
Total Conc.:	12.7244	ng/uL
%microRNA	61.4	
smallRNA	12.6	ng/ul
microRNA	7.8	ng/ul

Sample: 5N:5min
Well Location: C6
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	552
2	11	0.5113	6	12	363
3	13	2.0665	12	15	1163
4	19	1.8651	15	21	645
5	23	1.2695	21	26	532
6	31	2.9544	26	49	913
7	62	0.9001	49	66	456
8	73	3.7356	66	92	3552

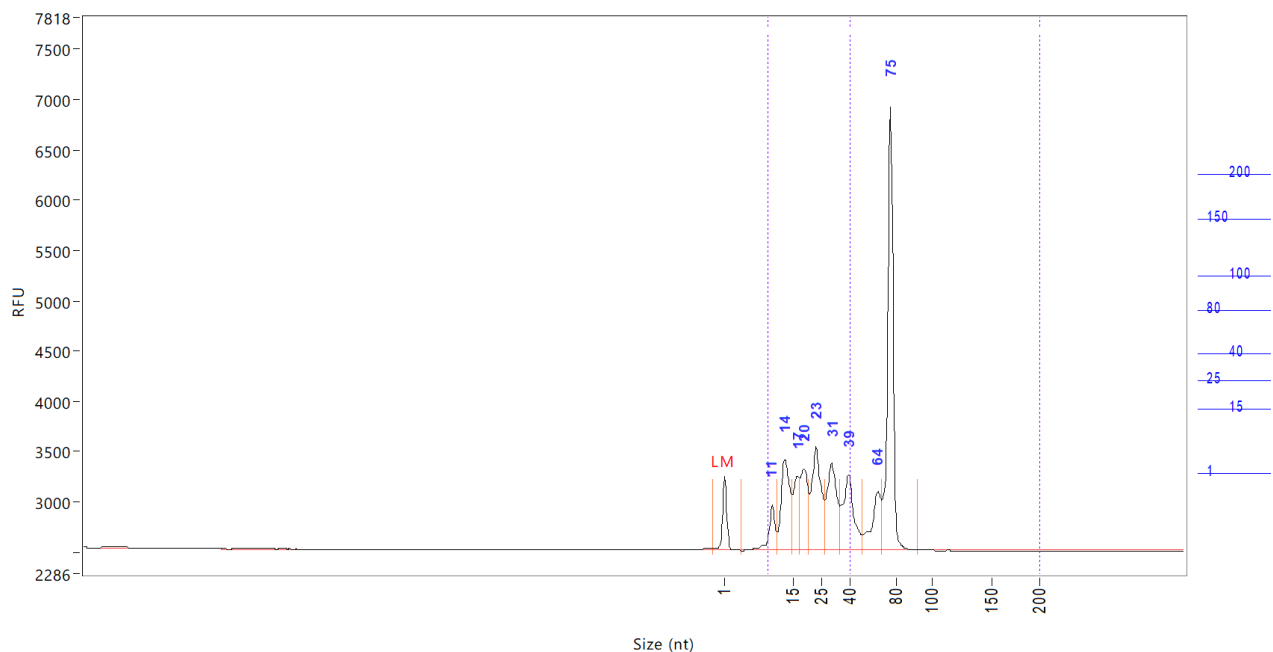|		
TIC:	13.3023	ng/uL
TIM:	1582.0990	nmole/L
Total Conc.:	13.0051	ng/uL
%microRNA	62.6	
smallRNA	12.9	ng/ul
microRNA	8.1	ng/ul

```
Sample Peak Width (sec): 3    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): 22
Manual Baseline Start (min): 12      Manual Baseline End (min): 22
Marker Peak Width (sec): 3    Marker Min Peak Height: 500   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder         Final Concentration (ng/uL): 0.4000          Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region       Min. Size (nt): 10       miRNA Max. Size (nt): 40       small RNA Max. Size (nt): 200
```

Sample: 5N:7min
Well Location: C7
Created: Monday, March 18, 2019 1:30:02 PM
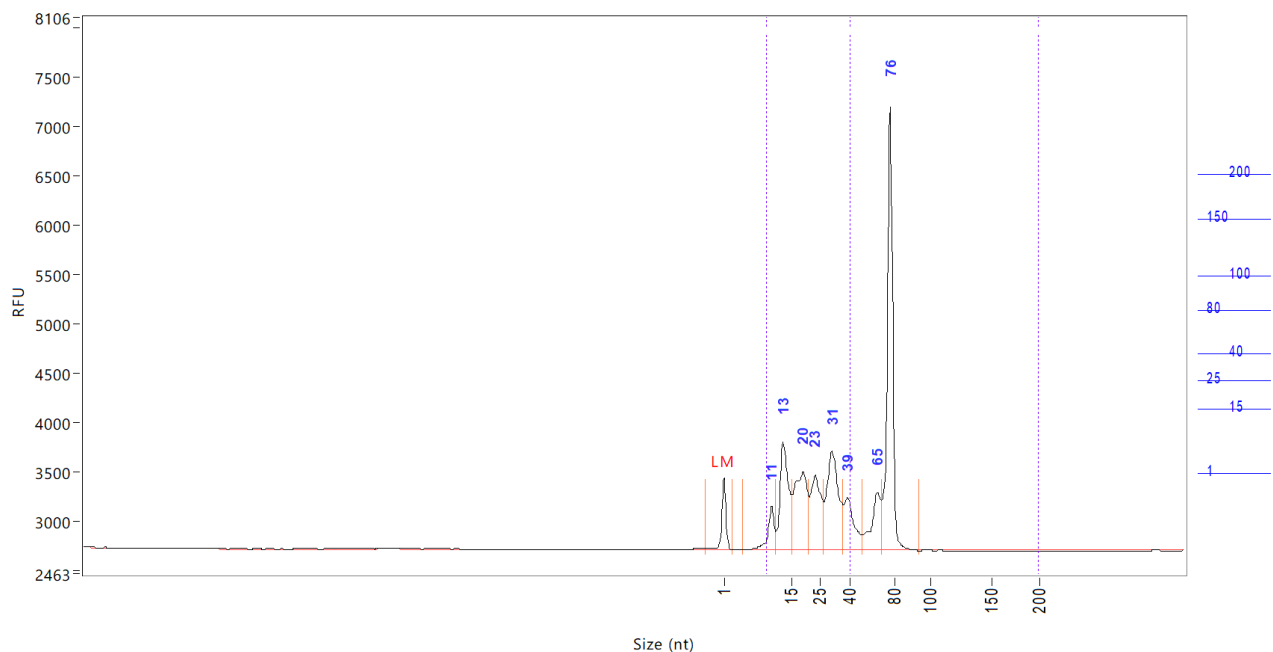
Size (nt)

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	3	722
2	11	0.4761	5	12	436
3	13	1.6045	12	15	1088
4	20	1.7337	15	21	791
5	23	1.3300	21	27	757
6	31	1.8590	27	37	993
7	39	0.8235	37	51	521
8	65	0.8646	51	68	574
9	76	3.5603	68	94	4495

TIC:	12.2517	ng/uL
TIM:	1350.6936	nmole/L
Total Conc.:	11.9268	ng/uL
%microRNA	59.9	
smallRNA	11.9	ng/ul
microRNA	7.1	ng/ul

Sample: 5N:10min
Well Location: C8
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	3	693
2	11	0.4548	6	12	415
3	13	1.5578	12	15	1024
4	19	1.7121	15	21	761
5	23	1.3699	21	27	800
6	31	1.6577	27	36	883
7	39	0.9353	36	51	569
8	64	0.8819	51	67	576
9	75	3.6414	67	92	4403

TIC:	12.2109	ng/uL
TIM:	1378.6682	nmole/L
Total Conc.:	11.8880	ng/uL
%microRNA	59.3	
smallRNA	11.8	ng/ul
microRNA	7.0	ng/ul

Sample: 5N:15min
Well Location: C9
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	5	726
2	11	0.4748	5	12	446
3	14	1.3580	12	15	891
4	17	0.8781	15	18	734
5	20	1.0169	18	21	808
6	23	1.6656	21	27	1026
7	31	1.3699	27	35	855
8	39	1.2599	35	50	748
9	64	0.8588	50	67	576
10	75	3.5904	67	92	4408

|		
TIC:	12.4723	ng/uL
TIM:	1388.3967	nmole/L
Total Conc.:	12.0575	ng/uL
%microRNA	60.4	
smallRNA	12.0	ng/ul
microRNA	7.3	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 5N:20min
Well Location: C10
Created: Monday, March 18, 2019 1:30:02 PM
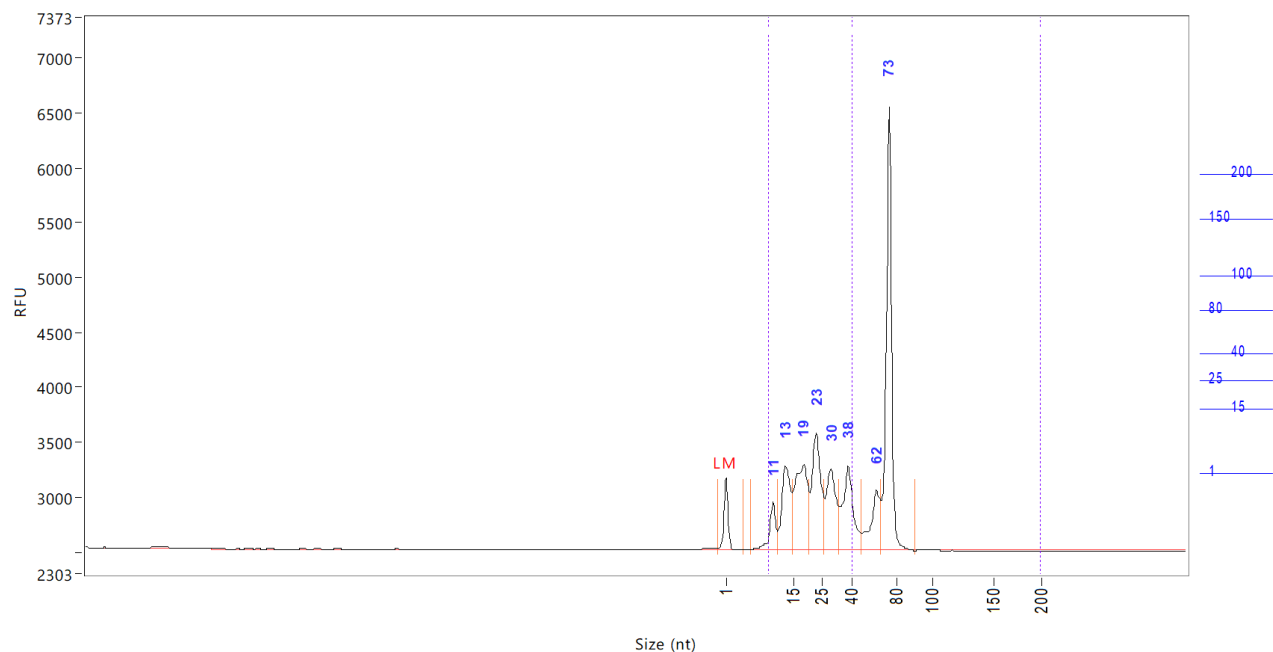
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	5	656
2	11	0.5243	7	12	427
3	13	1.3009	12	15	762
4	19	1.9294	15	21	780
5	23	1.8196	21	26	1065
6	30	1.2909	26	34	734
7	38	1.4322	34	49	759
8	62	0.8722	49	65	536
9	73	3.7030	65	90	4038

|		
TIC:	12.8726	ng/uL
TIM:	1460.4851	nmole/L
Total Conc.:	12.5289	ng/uL
%microRNA	61.1	
smallRNA	12.5	ng/ul
microRNA	7.6	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 5N:30min
Well Location: C11
Created: Monday, March 18, 2019 1:30:02 PM
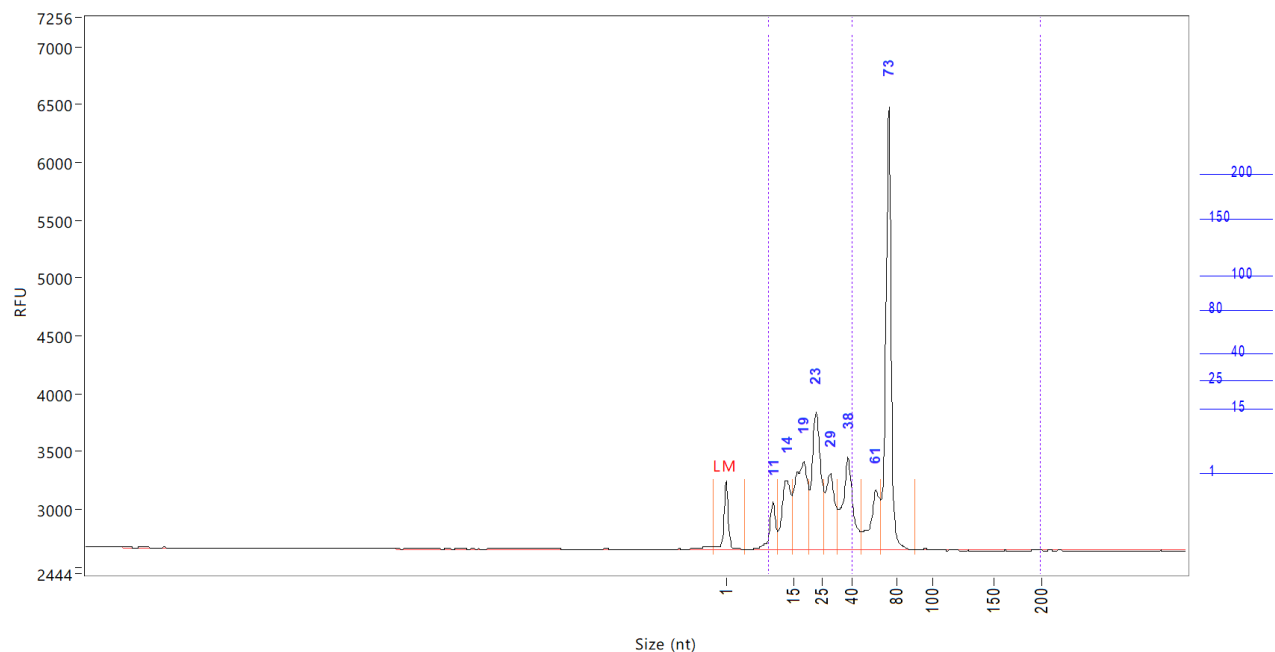
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	589
2	11	0.5145	5	12	406
3	14	1.1009	12	15	594
4	19	1.9350	15	21	758
5	23	2.0898	21	26	1184
6	29	1.1546	26	33	647
7	38	1.5395	33	49	797
8	61	0.8976	49	65	507
9	73	3.6477	65	91	3828

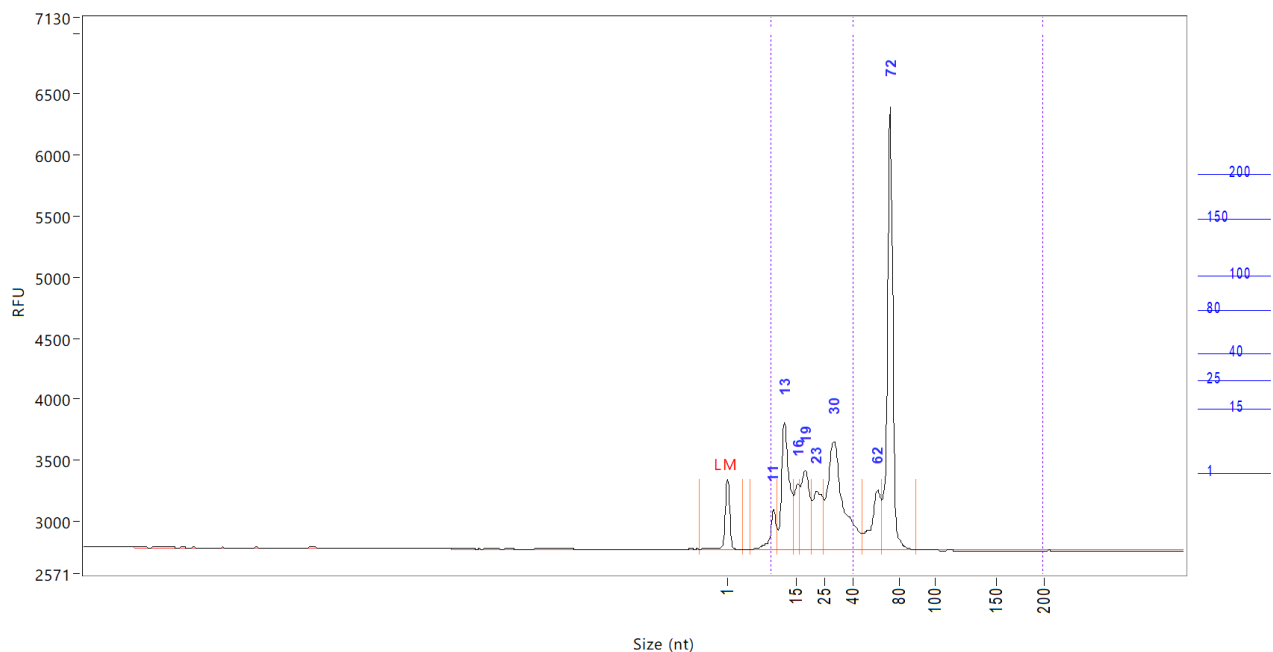|		
TIC:	12.8795	ng/uL
TIM:	1445.8701	nmole/L
Total Conc.:	12.5385	ng/uL
%microRNA	61.3	
smallRNA	12.5	ng/ul
microRNA	7.6	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 5N:Cont
Well Location: C12
Created: Monday, March 18, 2019 1:30:02 PM
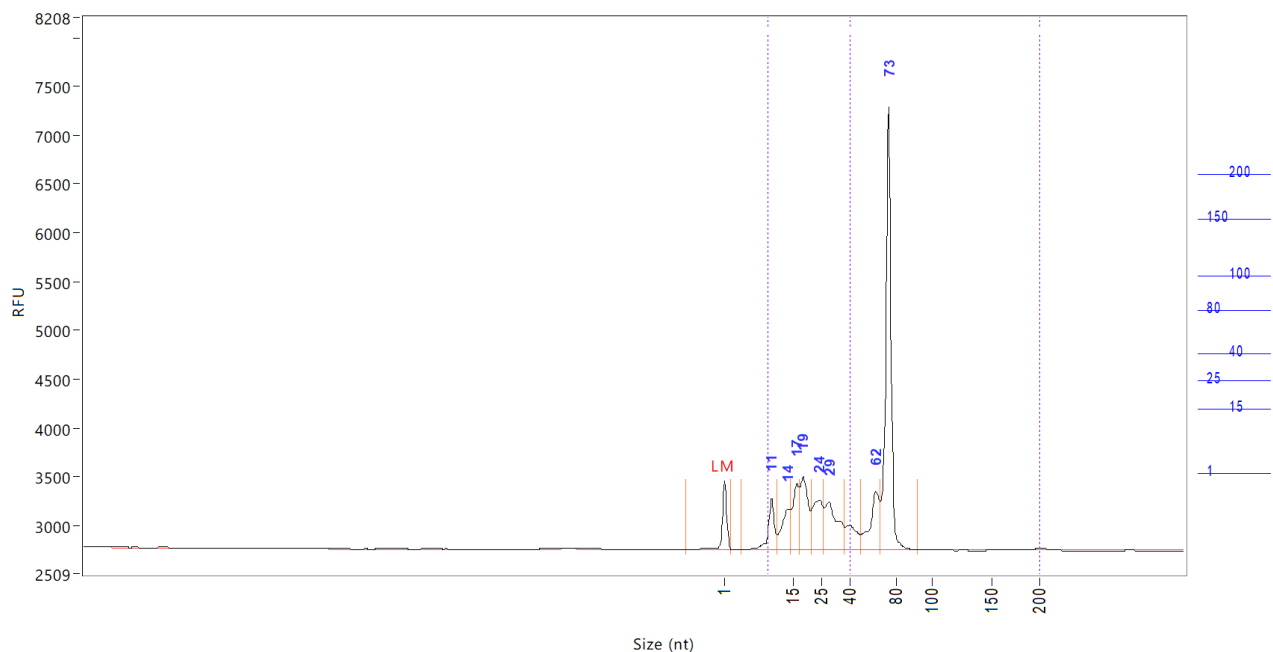
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	697
2	11	0.5320	5	12	519
3	14	0.6349	12	15	415
4	17	0.7295	15	18	670
5	19	1.0299	18	21	741
6	24	0.8961	21	27	501
7	29	1.0081	27	37	484
8	62	0.8641	48	66	591
9	73	3.5838	66	92	4537

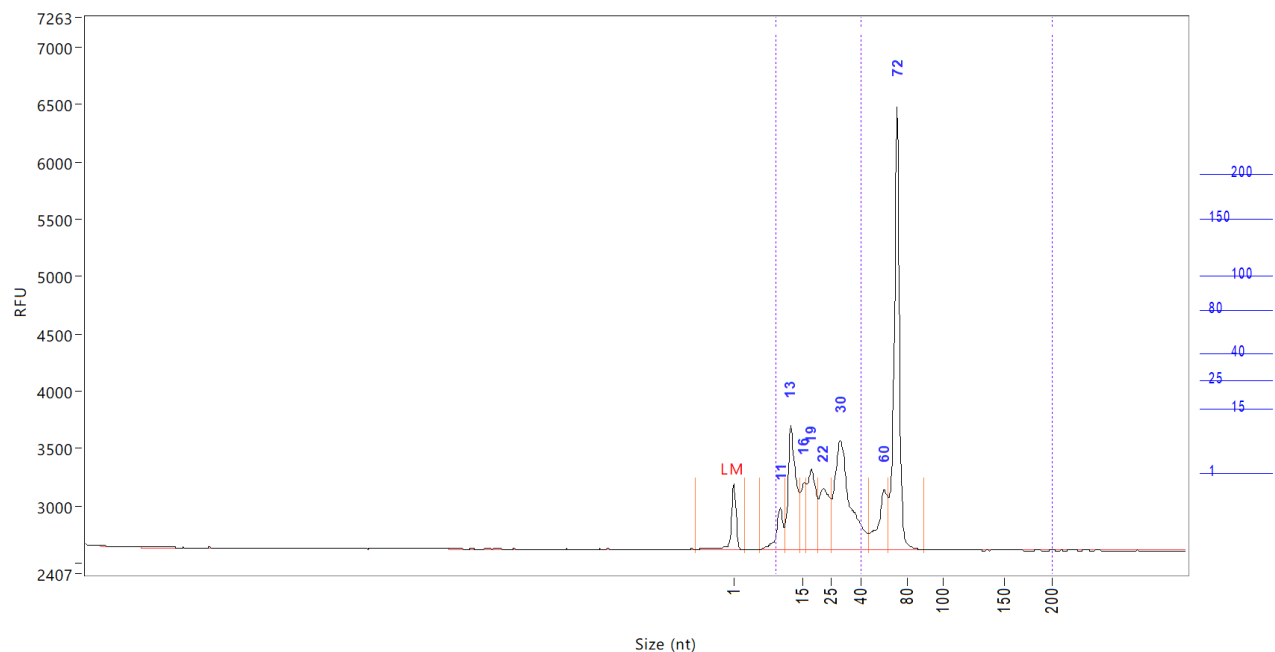|		
TIC:	9.2783	ng/uL
TIM:	986.6653	nmole/L
Total Conc.:	9.3909	ng/uL
%microRNA	50.5	
smallRNA	9.3	ng/ul
microRNA	4.7	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 7N:30s
Well Location: D1
Created: Monday, March 18, 2019 1:30:02 PM
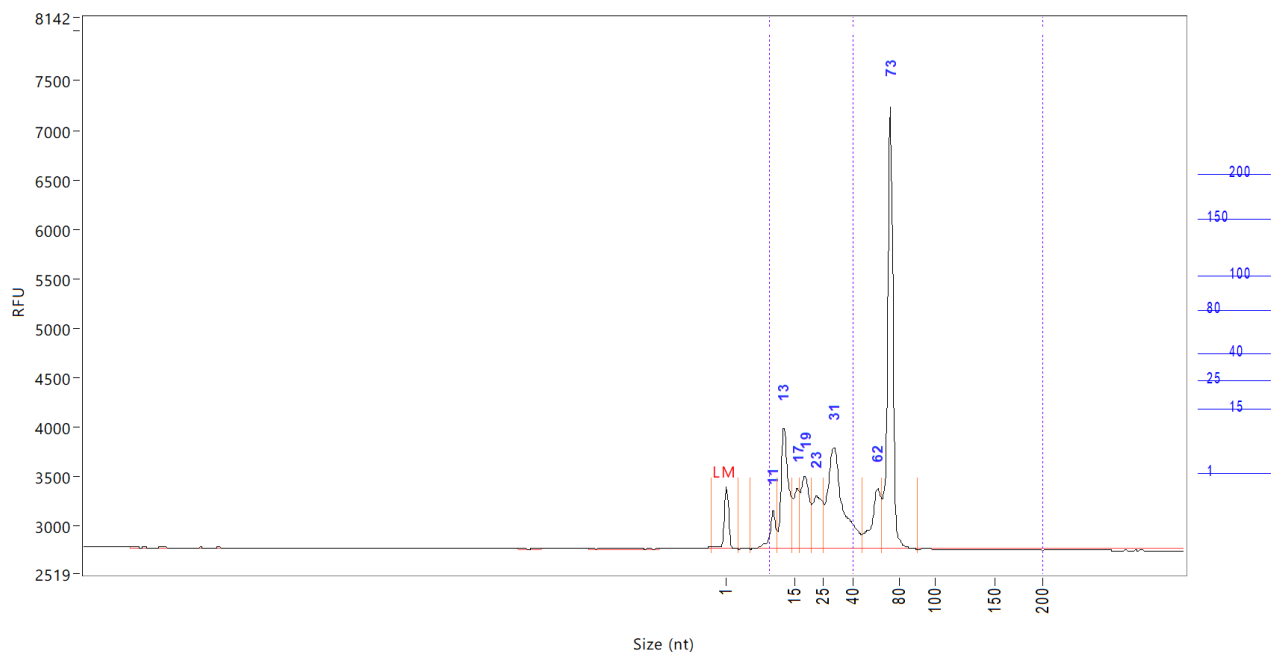
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	619
2	11	0.4844	6	12	373
3	13	1.8589	12	15	1214
4	17	0.7789	15	17	599
5	19	1.2419	17	21	725
6	23	1.0590	21	26	530
7	31	2.9020	26	48	1009
8	62	1.0450	48	66	601
9	73	4.2085	66	91	4468

TIC:	13.5788	ng/uL
TIM:	1565.8239	nmole/L
Total Conc.:	13.2041	ng/uL
%microRNA	58.6	
smallRNA	13.1	ng/ul
microRNA	7.7	ng/ul

Sample: 7N:45s
Well Location: D2
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	576
2	11	0.4240	6	12	331
3	13	1.6791	12	15	1036
4	16	0.6386	15	17	536
5	19	1.1365	17	21	647
6	23	0.9714	21	25	476
7	30	2.6008	25	48	882
8	62	0.8742	48	65	480
9	72	3.4797	65	90	3630

TIC:	11.8044	ng/uL
TIM:	1394.1155	nmole/L
Total Conc.:	11.4668	ng/uL
%microRNA	60.6	
smallRNA	11.4	ng/ul
microRNA	6.9	ng/ul

Sample: 7N:1min
Well Location: D3
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	573
2	11	0.4980	7	12	364
3	13	1.7742	12	15	1082
4	16	0.6974	15	17	586
5	19	1.2302	17	21	692
6	22	1.1145	21	25	524
7	30	2.7914	25	48	945
8	60	0.8964	48	64	518
9	72	3.7650	64	90	3863

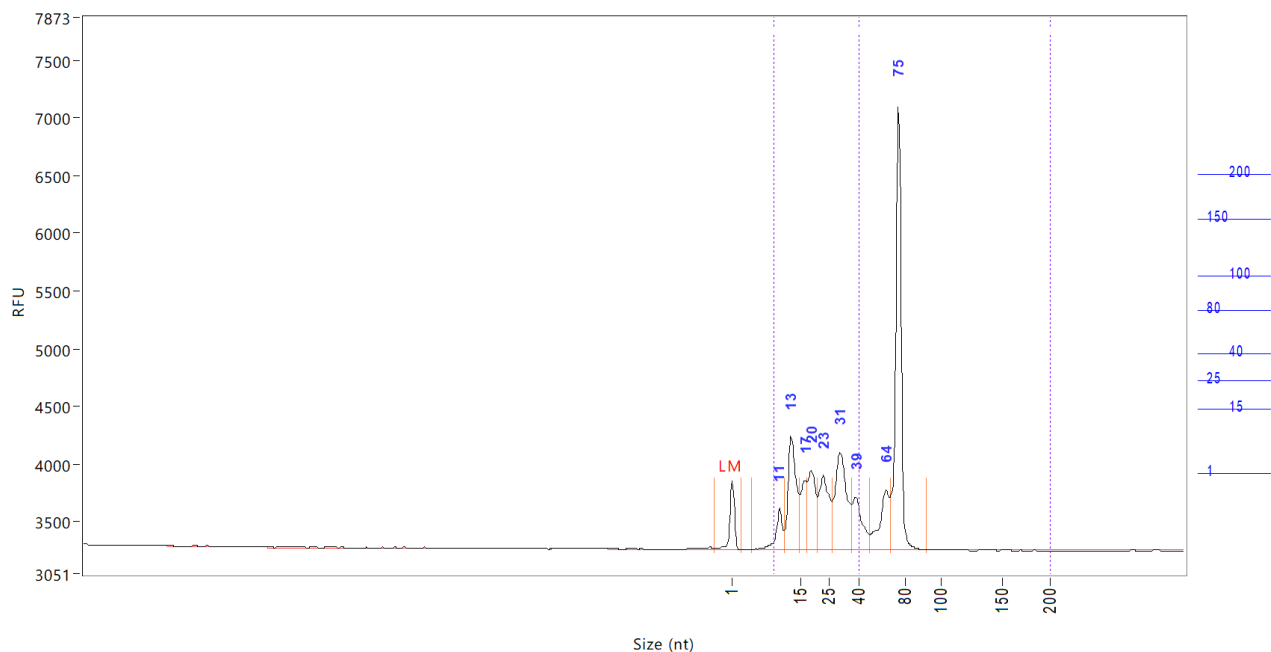|		
TIC:	12.7671	ng/uL
TIM:	1515.1292	nmole/L
Total Conc.:	12.3967	ng/uL
%microRNA	61.1	
smallRNA	12.3	ng/ul
microRNA	7.5	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 7N:2min
Well Location: D4
Created: Monday, March 18, 2019 1:30:02 PM
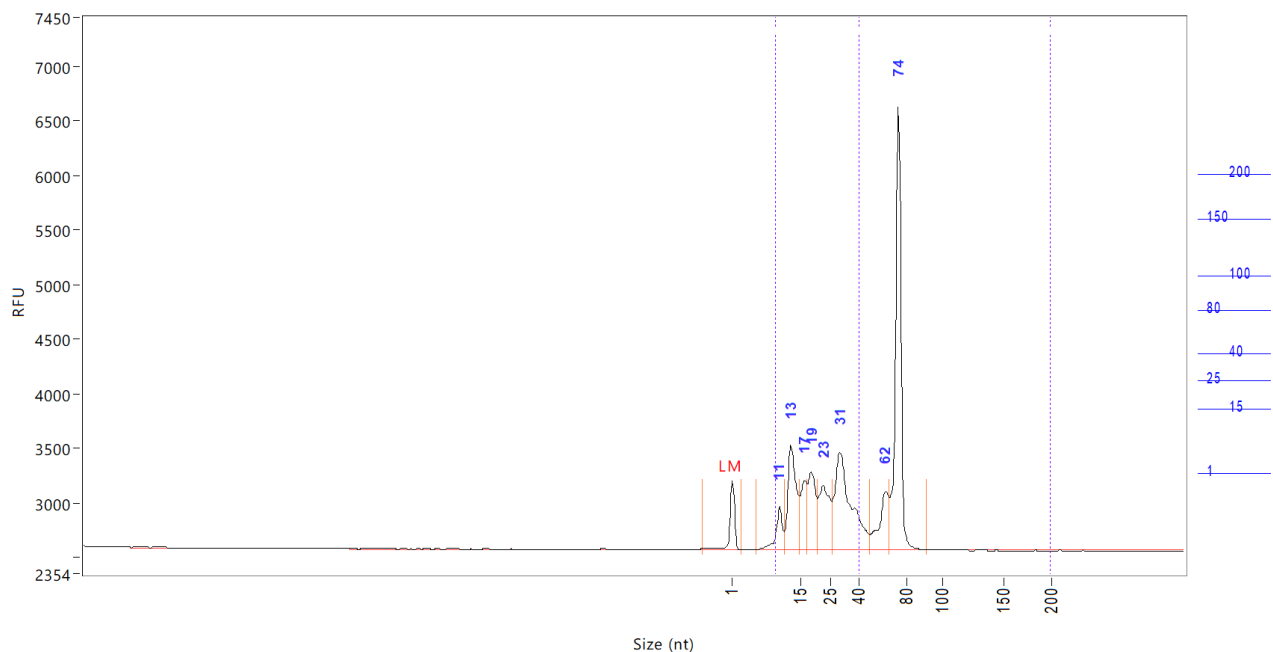
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	631
2	11	0.4736	6	12	390
3	13	1.5101	12	15	949
4	17	0.7438	15	18	624
5	19	1.0990	18	21	708
6	23	1.1605	21	26	585
7	31	2.5393	26	50	890
8	62	0.8515	50	66	536
9	74	3.6205	66	92	4057

TIC:	11.9984	ng/uL
TIM:	1387.8765	nmole/L
Total Conc.:	11.6464	ng/uL
%microRNA	59.5	
smallRNA	11.6	ng/ul
microRNA	6.9	ng/ul

Sample: 7N:3min
Well Location: D5
Created: Monday, March 18, 2019 1:30:02 PM
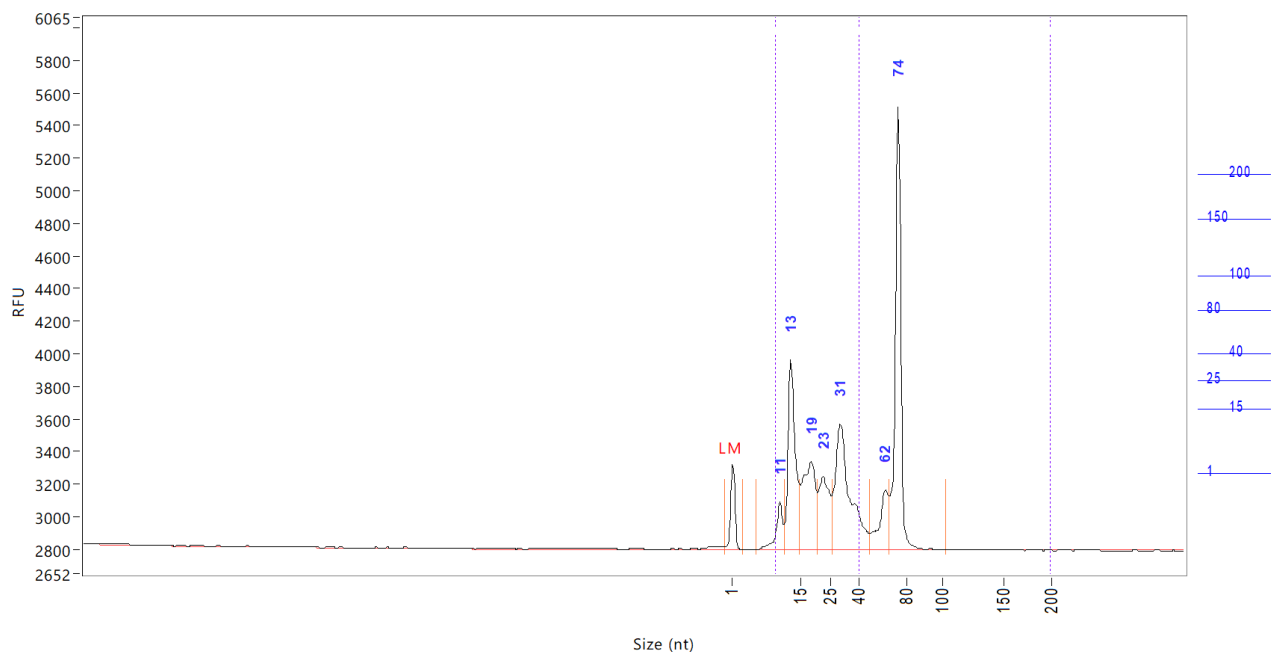
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	516
2	11	0.4798	6	12	290
3	13	2.1321	12	15	1161
4	19	1.6611	15	21	538
5	23	1.1302	21	26	445
6	31	2.6136	26	50	765
7	62	0.7492	50	66	361
8	74	3.1941	66	104	2715

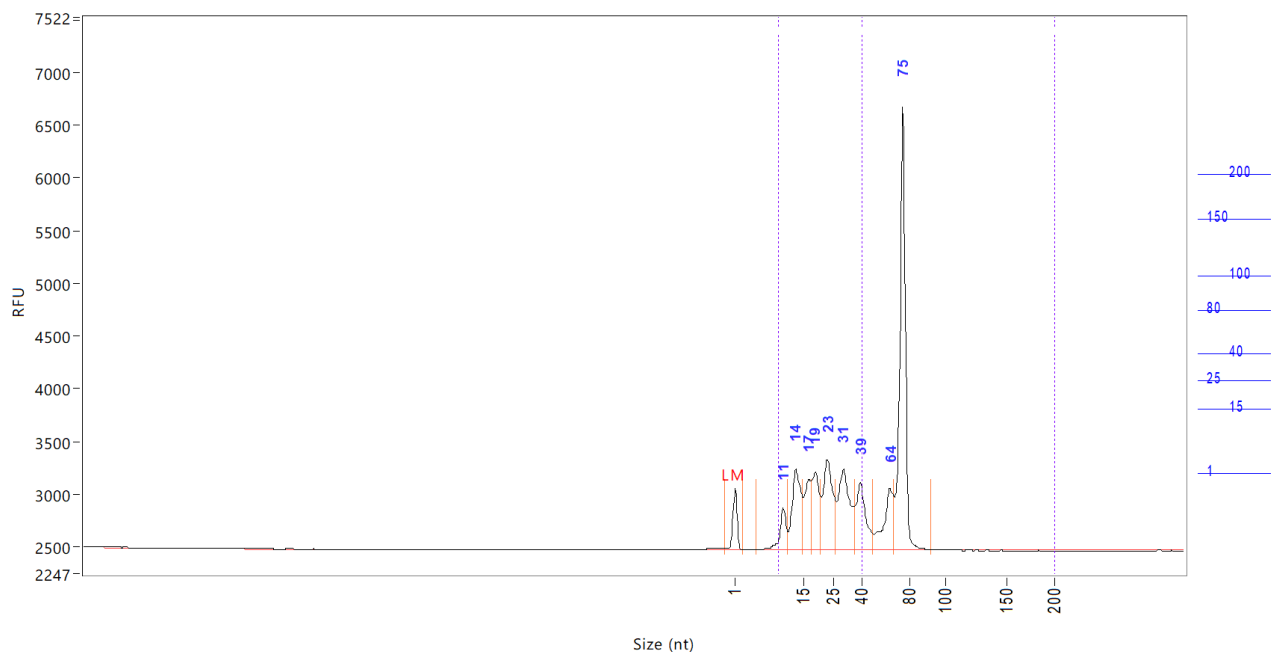|		
TIC:	11.9602	ng/uL
TIM:	1471.1359	nmole/L
Total Conc.:	11.6935	ng/uL
%microRNA	64.4	
smallRNA	11.6	ng/ul
microRNA	7.5	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 7N:5min
Well Location: D6
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	590
2	11	0.4605	6	12	352
3	13	1.6881	12	15	972
4	17	0.6948	15	18	593
5	20	1.1396	18	21	682
6	23	1.2650	21	27	636
7	31	1.9172	27	37	835
8	39	0.8351	37	51	447
9	64	0.9112	51	67	510
10	75	3.6418	67	93	3835

|		
TIC:	12.5533	ng/uL
TIM:	1440.9934	nmole/L
Total Conc.:	12.1419	ng/uL
%microRNA	60.1	
smallRNA	12.1	ng/ul
microRNA	7.3	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 7N:7min
Well Location: D7
Created: Monday, March 18, 2019 1:30:02 PM
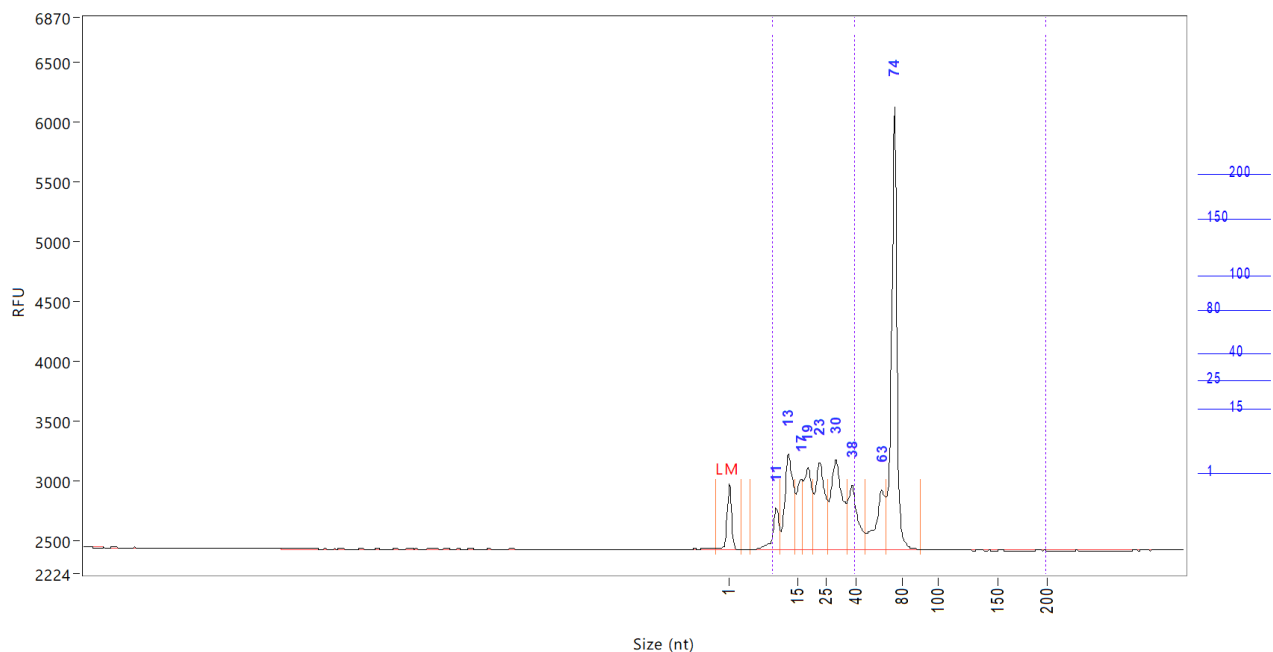
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	548
2	11	0.4958	6	12	342
3	13	1.5448	12	15	799
4	17	0.8259	15	18	588
5	19	1.1669	18	21	678
6	23	1.5418	21	26	723
7	30	1.7733	26	36	741
8	38	1.0804	36	49	535
9	63	0.9670	49	67	495
10	74	3.8789	67	91	3699

TIC:	13.2747	ng/uL
TIM:	1512.8344	nmole/L
Total Conc.:	12.8315	ng/uL
%microRNA	59.8	
smallRNA	12.7	ng/ul
microRNA	7.6	ng/ul

Sample: 7N:10min
Well Location: D8
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	575
2	11	0.5687	6	12	400
3	14	1.5227	12	15	762
4	17	0.9085	15	18	671
5	19	1.2462	18	21	737
6	23	1.7535	21	27	854
7	31	1.8106	27	36	761
8	39	1.2497	36	50	637
9	64	1.1277	50	67	578
10	75	4.2820	67	93	4203

|		
TIC:	14.4696	ng/uL
TIM:	1588.6031	nmole/L
Total Conc.:	13.9906	ng/uL
%microRNA	58.6	
smallRNA	13.9	ng/ul
microRNA	8.2	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 7N:15min
Well Location: D9
Created: Monday, March 18, 2019 1:30:02 PM
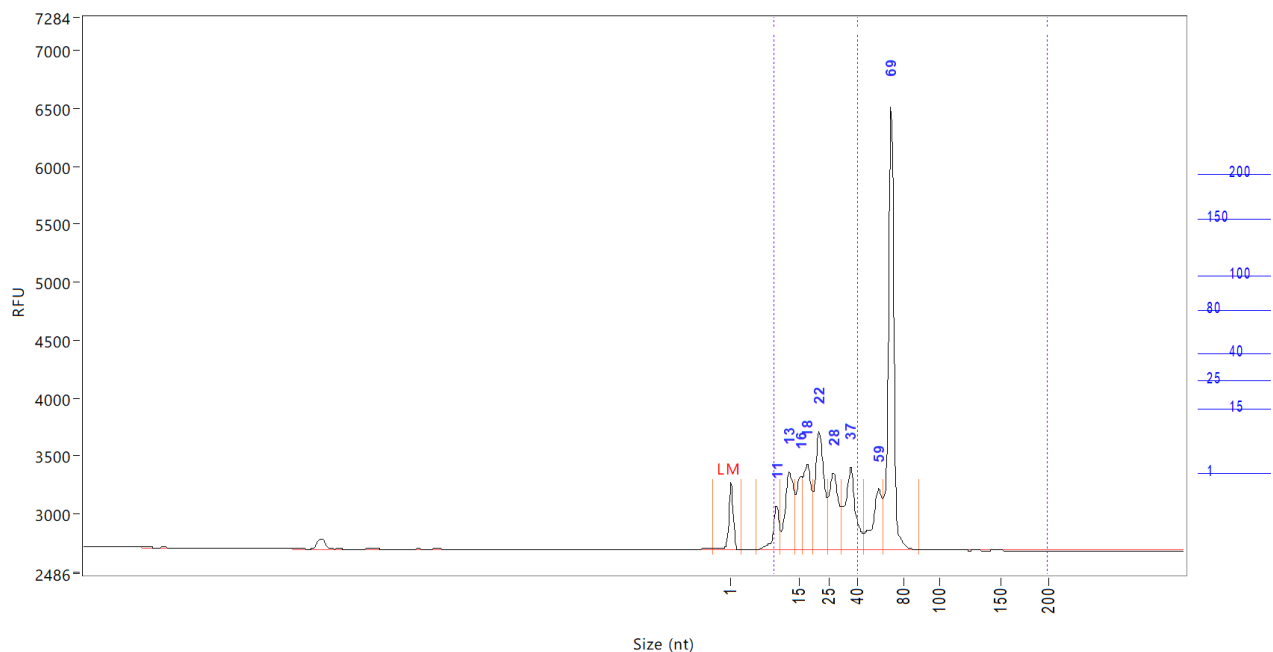
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	569
2	11	0.4847	7	12	372
3	13	1.3283	12	14	668
4	16	0.7776	14	17	627
5	18	1.2335	17	20	731
6	22	1.9421	20	25	1015
7	28	1.2466	25	32	655
8	37	1.4983	32	45	709
9	59	0.9544	45	62	517
10	69	3.9254	62	88	3818

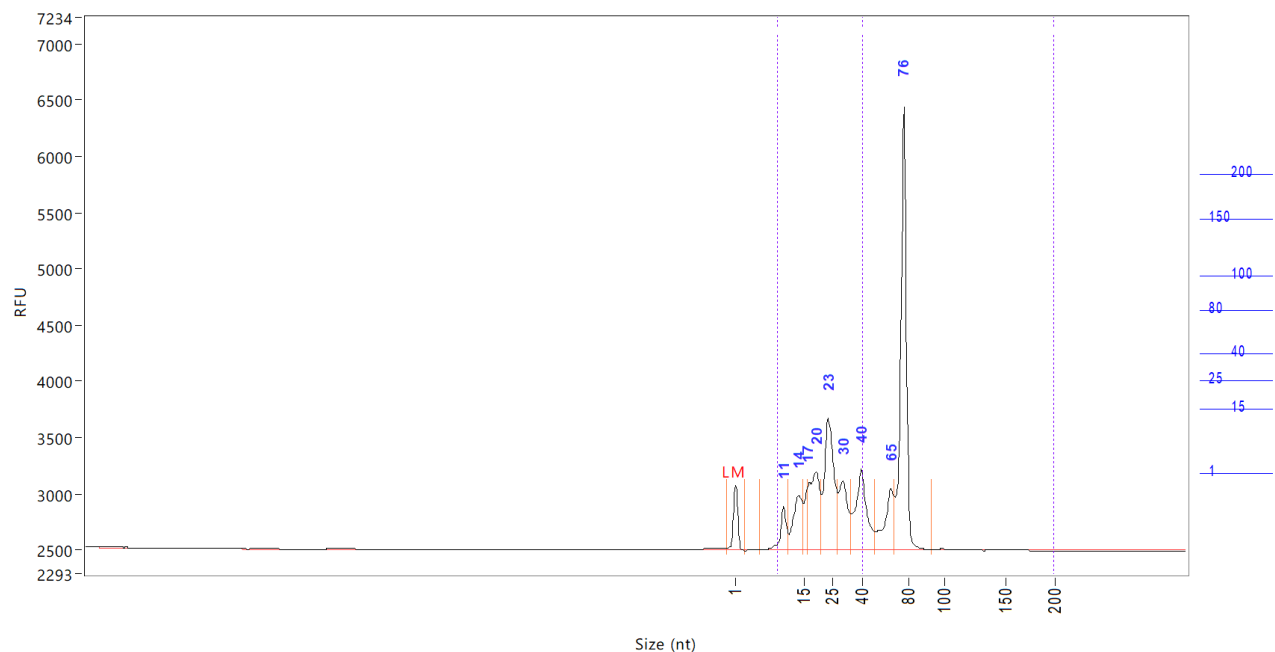|		
TIC:	13.3910	ng/uL
TIM:	1577.8843	nmole/L
Total Conc.:	12.9382	ng/uL
%microRNA	61.2	
smallRNA	12.9	ng/ul
microRNA	7.9	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 7N:20min
Well Location: D10
Created: Monday, March 18, 2019 1:30:02 PM
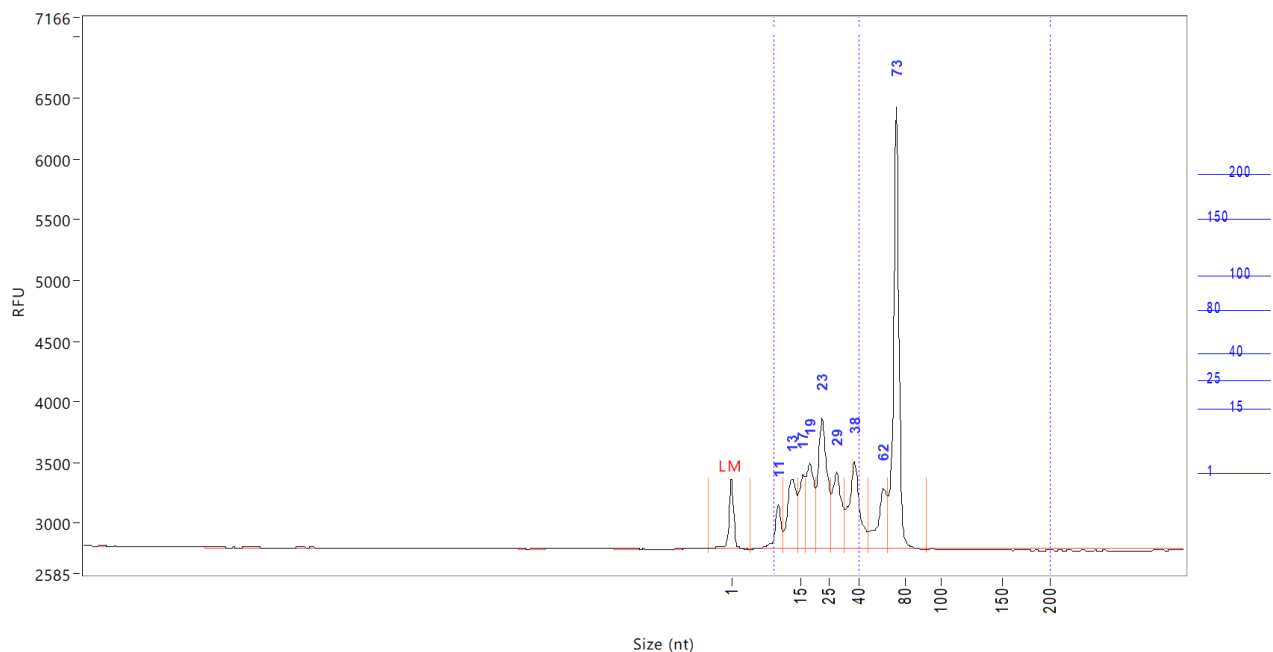
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	566
2	11	0.4664	5	12	366
3	13	1.0408	12	15	572
4	17	0.7471	15	17	604
5	19	1.1688	17	21	704
6	23	1.8719	21	26	1077
7	29	1.1300	26	33	628
8	38	1.3922	33	49	718
9	62	0.8558	49	65	498
10	73	3.5019	65	93	3642

TIC:	12.1749	ng/uL
TIM:	1384.1727	nmole/L
Total Conc.:	11.7711	ng/uL
%microRNA	60.8	
smallRNA	11.7	ng/ul
microRNA	7.1	ng/ul

Sample: 7N:30min
Well Location: D11
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	566
2	11	0.5257	6	12	388
3	14	1.0250	12	15	485
4	17	0.4413	15	17	543
5	20	1.5519	17	21	696
6	23	2.4160	21	28	1166
7	30	1.1692	28	34	609
8	40	1.5868	34	51	715
9	65	1.0401	51	68	546
10	76	4.0936	68	93	3938

|		
TIC:	13.8496	ng/uL
TIM:	1462.0598	nmole/L
Total Conc.:	13.4270	ng/uL
%microRNA	57.2	
smallRNA	13.4	ng/ul
microRNA	7.7	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 7N:Cont
Well Location: D12
Created: Monday, March 18, 2019 1:30:02 PM
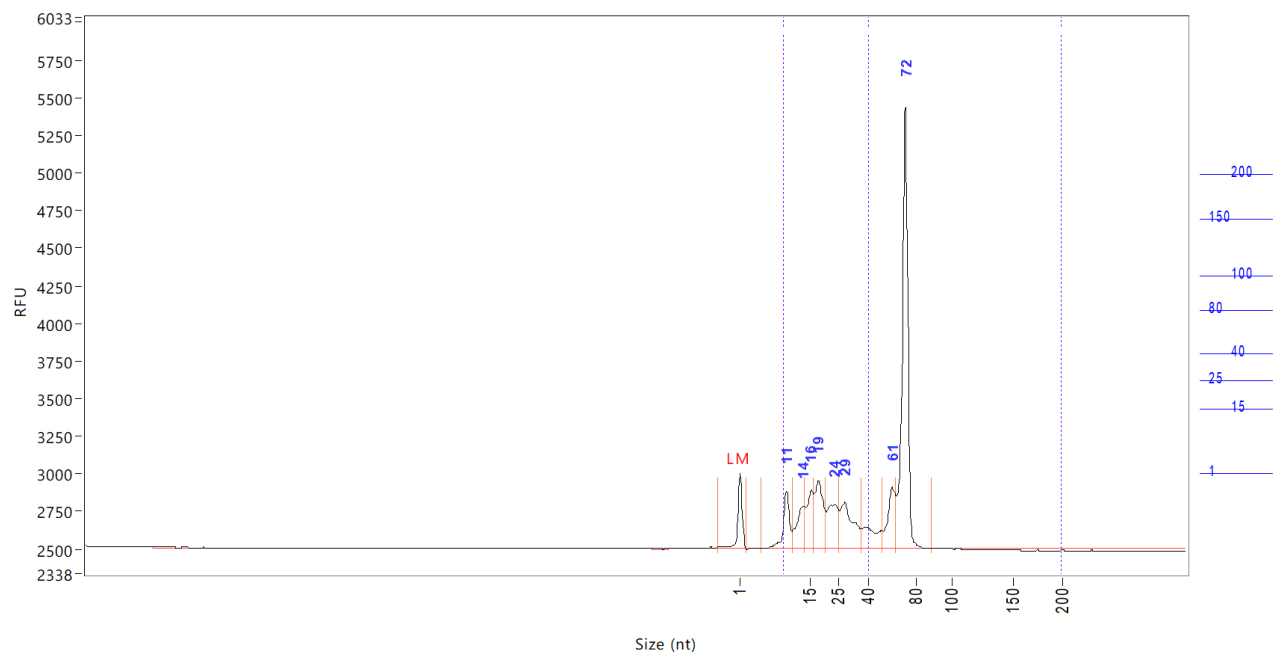
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	3	497
2	11	0.5662	6	12	381
3	14	0.5854	12	14	280
4	16	0.6192	14	17	389
5	19	0.9451	17	21	450
6	24	0.7468	21	26	290
7	29	0.8899	26	37	306
8	61	0.6917	53	64	404
9	72	3.3733	64	90	2937

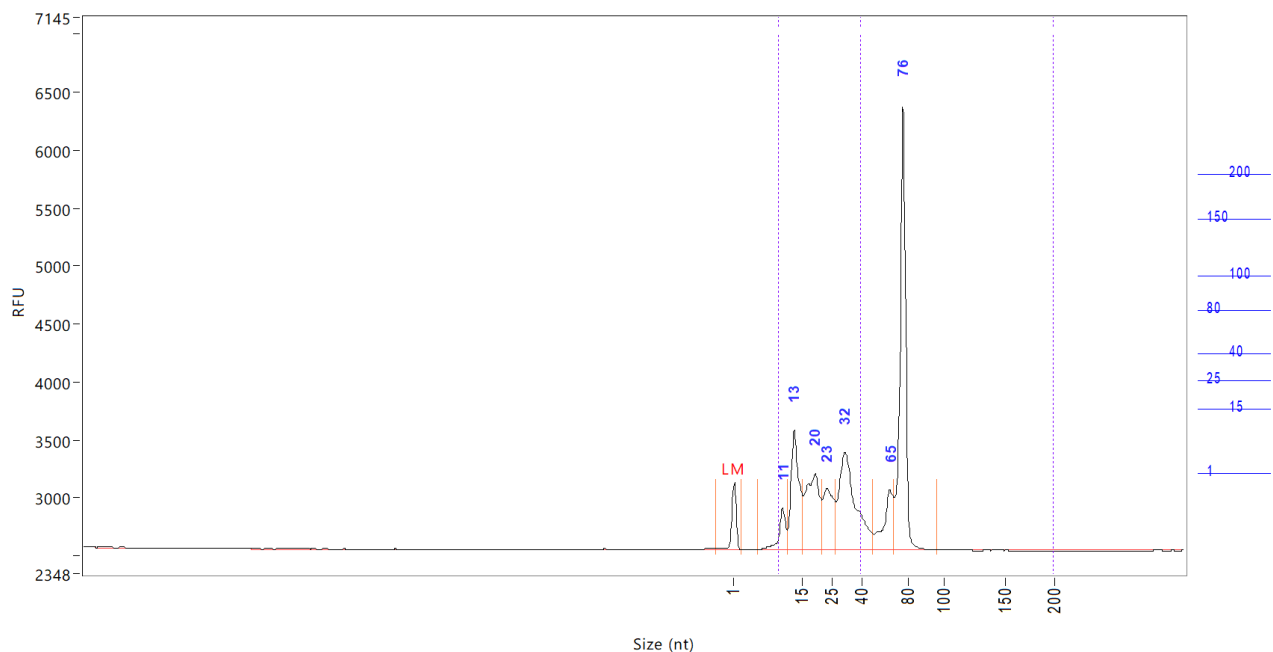|		
TIC:	8.4176	ng/uL
TIM:	945.7393	nmole/L
Total Conc.:	8.6211	ng/uL
%microRNA	49.7	
smallRNA	8.5	ng/ul
microRNA	4.2	ng/ul

```
Sample Peak Width (sec): 3     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): 22
Manual Baseline Start (min): 12       Manual Baseline End (min): 22
Marker Peak Width (sec): 3     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder          Final Concentration (ng/uL): 0.4000          Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region       Min. Size (nt): 10      miRNA Max. Size (nt): 40       small RNA Max. Size (nt): 200
```

Sample: 10N:30s
Well Location: E1
Created: Monday, March 18, 2019 1:30:02 PM
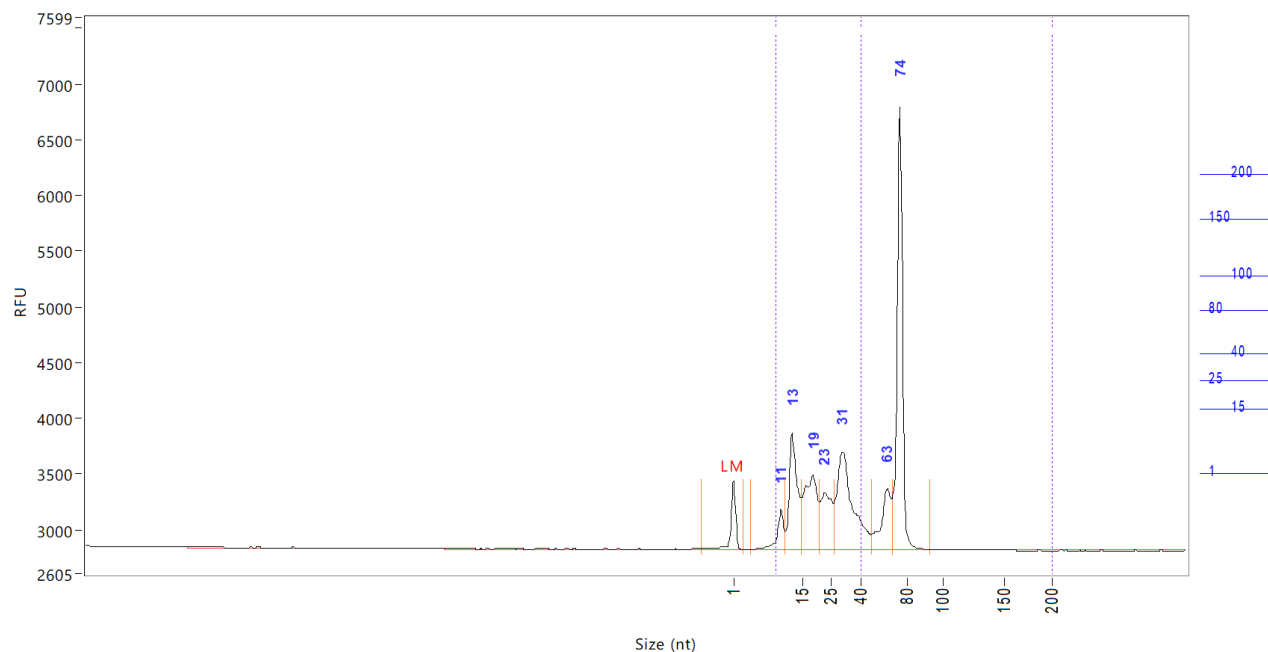
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	609
2	11	0.4357	5	12	351
3	13	1.5850	12	15	1037
4	19	1.6111	15	21	662
5	23	1.0320	21	27	509
6	31	2.4202	27	50	866
7	63	0.9254	50	67	540
8	74	3.4579	67	93	3975

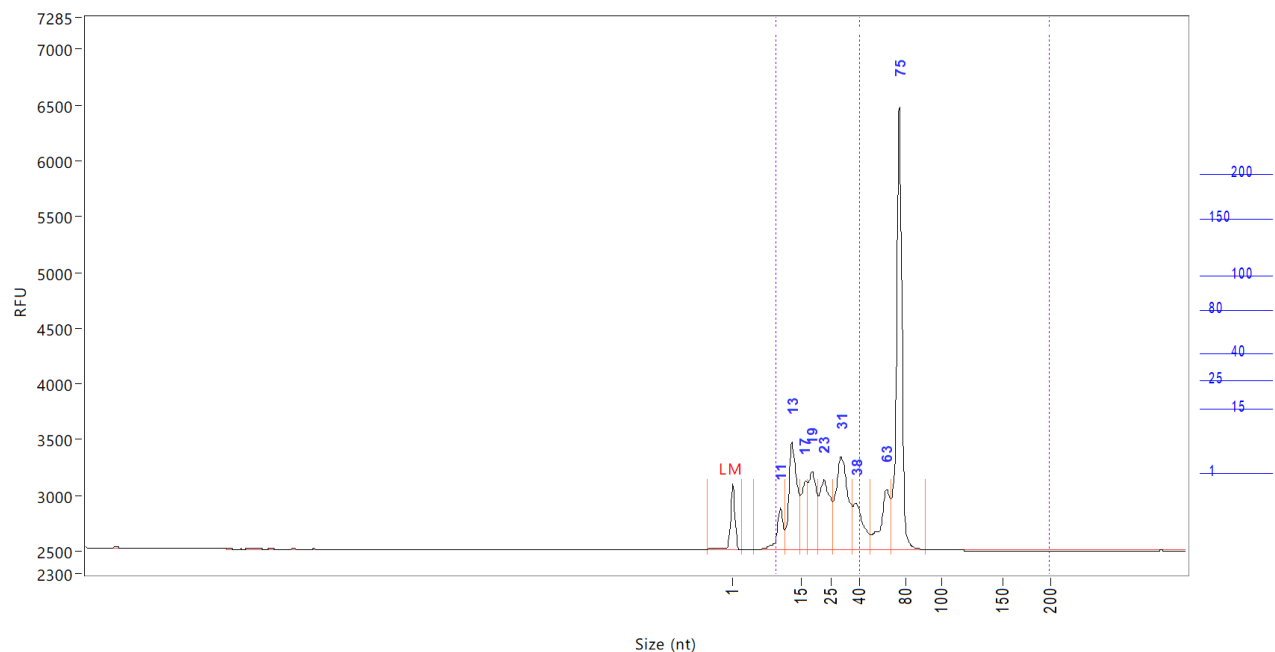|		
TIC:	11.4674	ng/uL
TIM:	1311.8495	nmole/L
Total Conc.:	11.2133	ng/uL
%microRNA	58.8	
smallRNA	11.1	ng/ul
microRNA	6.6	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 10N:45s
Well Location: E2
Created: Monday, March 18, 2019 1:30:02 PM
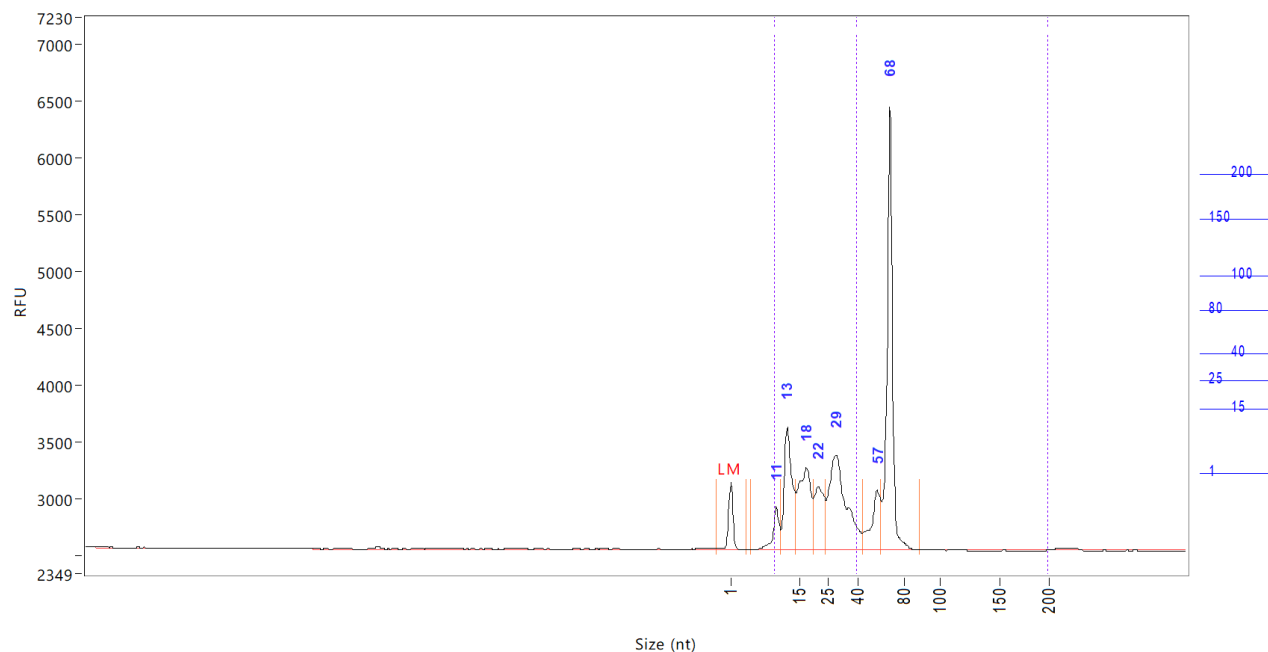
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	579
2	11	0.4792	6	11	370
3	13	1.7896	11	14	1065
4	18	1.8738	14	20	709
5	22	1.1940	20	24	548
6	29	2.7624	24	45	821
7	57	0.9305	45	61	515
8	68	3.9239	61	89	3884

TIC:	12.9535	ng/uL
TIM:	1560.6799	nmole/L
Total Conc.:	12.6700	ng/uL
%microRNA	60.9	
smallRNA	12.5	ng/ul
microRNA	7.6	ng/ul

Sample: 10N:1min
Well Location: E3
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	571
2	11	0.5212	6	12	361
3	13	1.8511	12	16	1030
4	20	1.8518	16	22	656
5	23	1.2096	22	27	523
6	32	2.7794	27	51	838
7	65	0.9914	51	68	519
8	76	3.8985	68	96	3820

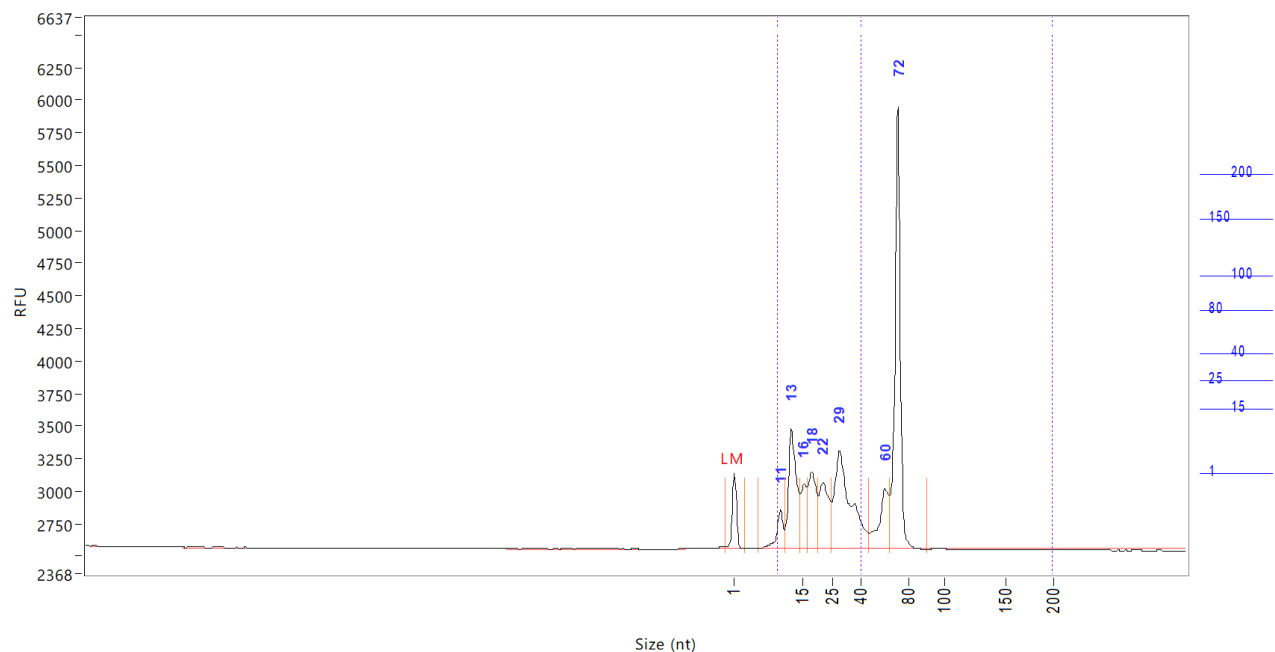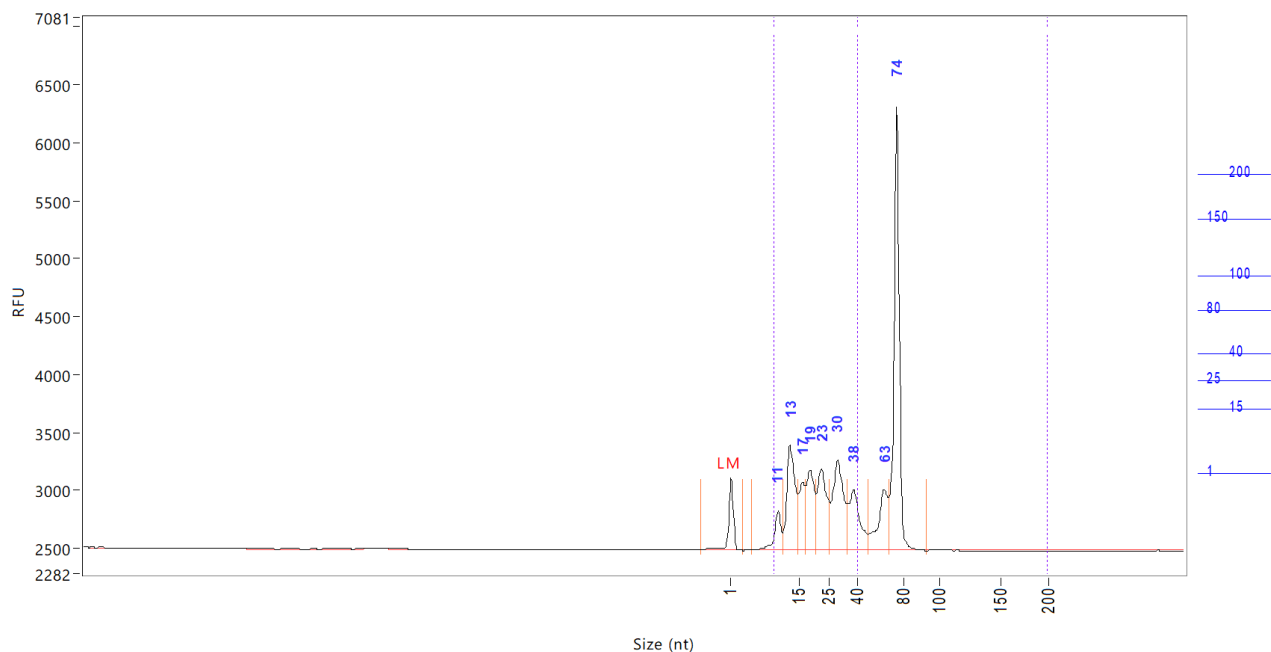|		
TIC:	13.1030	ng/uL
TIM:	1452.3215	nmole/L
Total Conc.:	12.8111	ng/uL
%microRNA	59.4	
smallRNA	12.7	ng/ul
microRNA	7.6	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 10N:2min
Well Location: E4
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	590
2	11	0.4861	6	12	377
3	13	1.6896	12	15	959
4	17	0.8017	15	18	612
5	19	1.1131	18	21	700
6	23	1.3651	21	27	624
7	31	1.9877	27	37	832
8	38	0.7984	37	50	421
9	63	0.9339	50	67	534
10	75	3.8913	67	91	3971

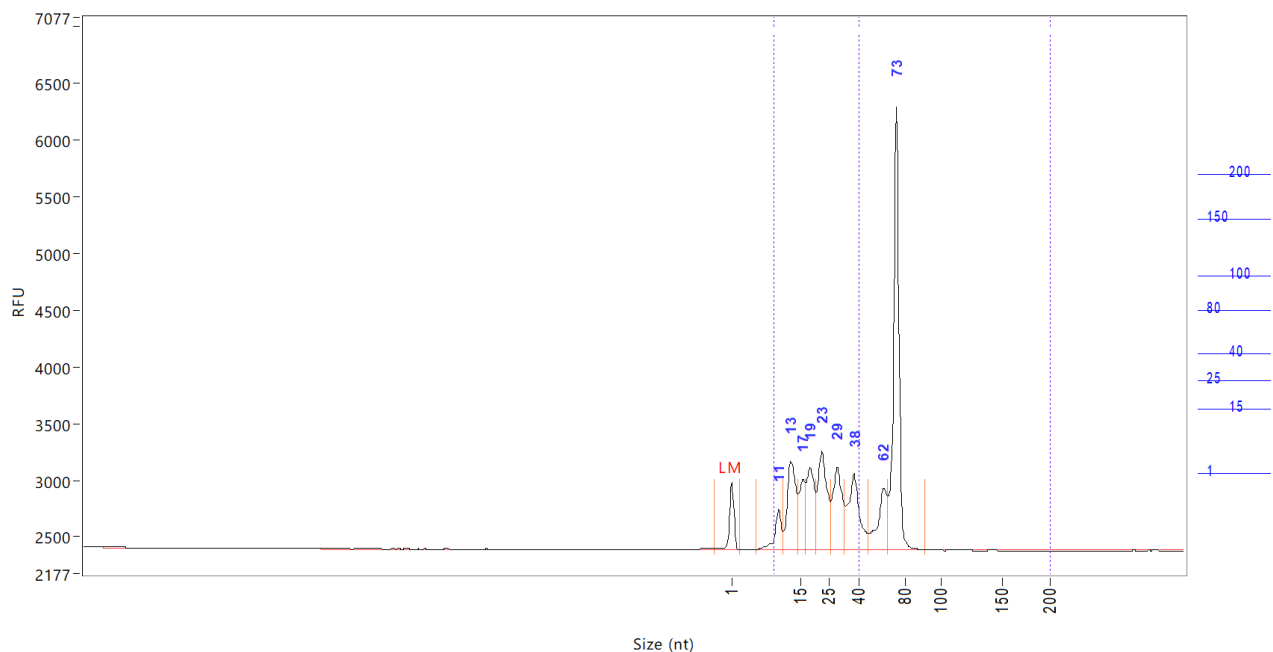|		
TIC:	13.0669	ng/uL
TIM:	1492.2386	nmole/L
Total Conc.:	12.6361	ng/uL
%microRNA	59.2	
smallRNA	12.6	ng/ul
microRNA	7.4	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 10N:3min
Well Location: E5
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	573
2	11	0.4308	6	11	298
3	13	1.6990	11	15	923
4	16	0.6480	15	17	493
5	18	1.0892	17	20	593
6	22	1.0991	20	25	508
7	29	2.5220	25	47	752
8	60	0.9320	47	65	459
9	72	3.5534	65	91	3392

TIC:	11.9735	ng/uL
TIM:	1417.1085	nmole/L
Total Conc.:	11.6291	ng/uL
%microRNA	60.2	
smallRNA	11.5	ng/ul
microRNA	6.9	ng/ul

Sample: 10N:5min
Well Location: E6
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	615
2	11	0.4184	6	12	335
3	13	1.5285	12	15	897
4	17	0.6565	15	18	583
5	19	1.1058	18	21	686
6	23	1.2768	21	26	701
7	30	1.5515	26	35	774
8	38	1.0154	35	50	519
9	63	0.8865	50	67	514
10	74	3.4621	67	93	3822

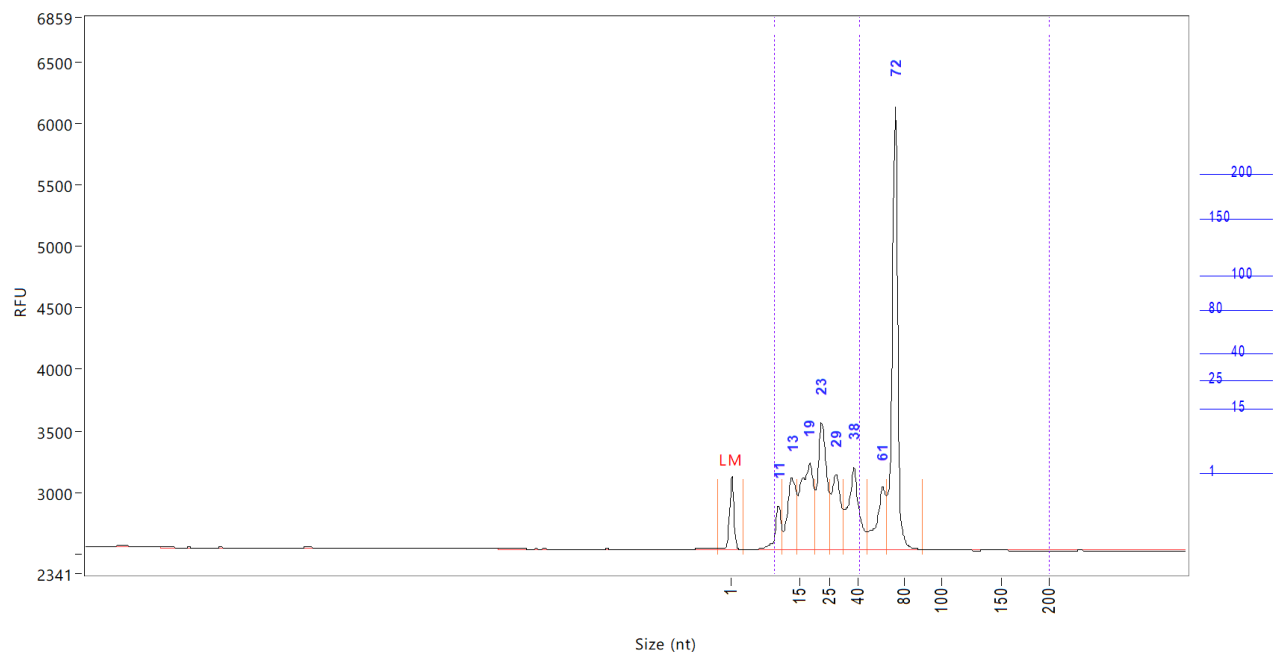|		
TIC:	11.9013	ng/uL
TIM:	1361.4747	nmole/L
Total Conc.:	11.5081	ng/uL
%microRNA	59.7	
smallRNA	11.4	ng/ul
microRNA	6.8	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200
PROSize 3.0 3.0.1.5   Copyright 2015 Advanced Analytical Technologies, Inc.   Date Printed: 03/18/19 2:00 PM

Sample: 10N:7min
Well Location: E7
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	591
2	11	0.4875	7	12	357
3	13	1.4516	12	15	777
4	17	0.7333	15	17	617
5	19	1.2382	17	21	717
6	23	1.6384	21	26	863
7	29	1.3418	26	33	721
8	38	1.4154	33	49	662
9	62	0.9475	49	65	540
10	73	3.8795	65	92	3901

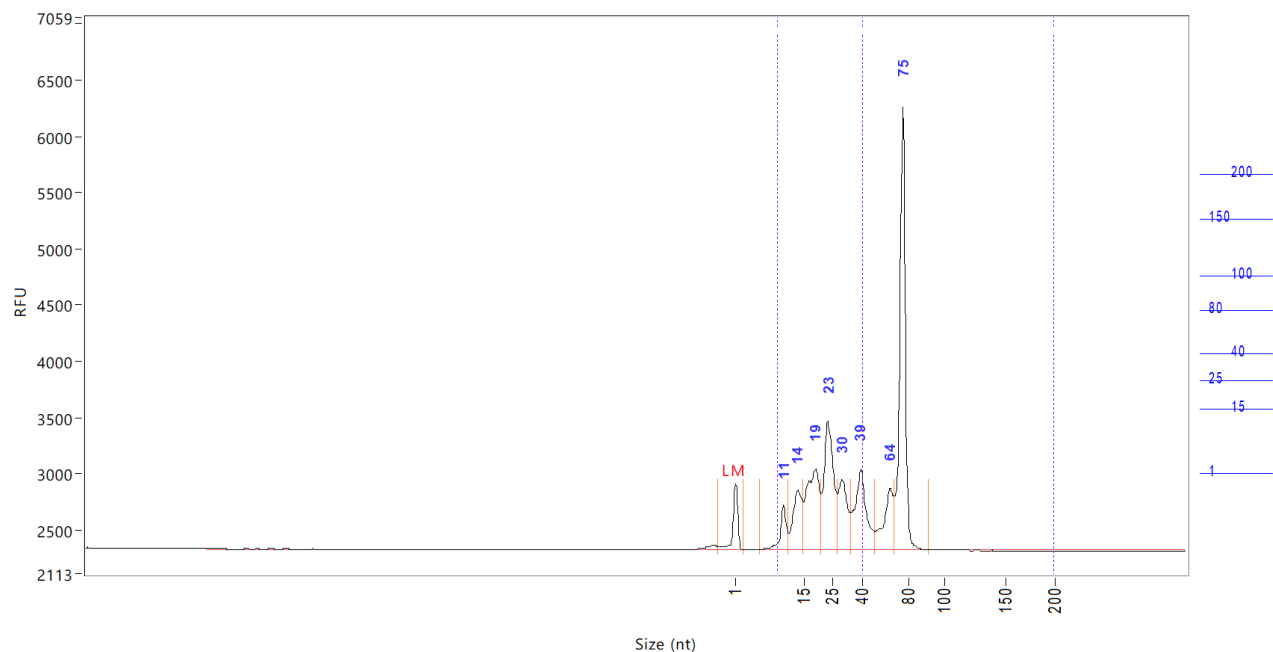|		
TIC:	13.1332	ng/uL
TIM:	1503.5856	nmole/L
Total Conc.:	12.6988	ng/uL
%microRNA	60.0	
smallRNA	12.6	ng/ul
microRNA	7.6	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 10N:10min
Well Location: E8
Created: Monday, March 18, 2019 1:30:02 PM
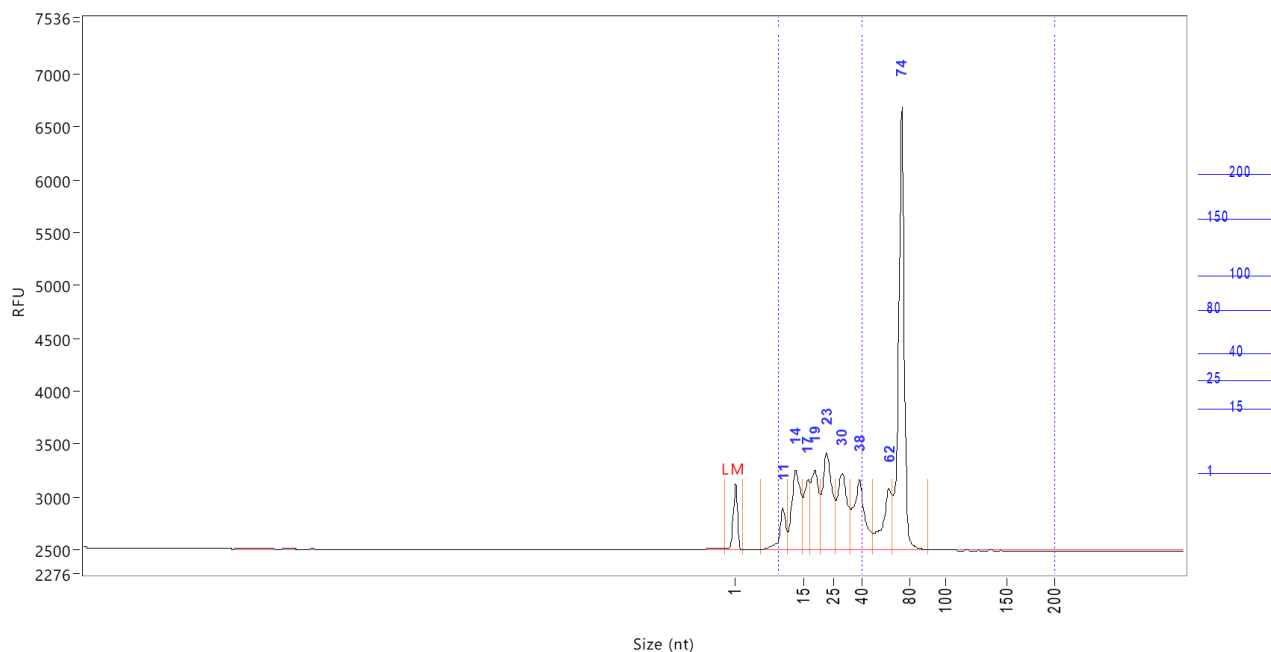
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	619
2	11	0.5123	7	12	398
3	14	1.3591	12	15	745
4	17	0.8193	15	18	661
5	19	1.1673	18	21	752
6	23	1.6970	21	26	916
7	30	1.3728	26	34	726
8	38	1.3710	34	49	663
9	62	0.9910	49	66	577
10	74	3.9799	66	91	4192

TIC:	13.2698	ng/uL
TIM:	1467.5420	nmole/L
Total Conc.:	12.8324	ng/uL
%microRNA	58.9	
smallRNA	12.8	ng/ul
microRNA	7.5	ng/ul

Sample: 10N:15min
Well Location: E9
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	591
2	11	0.4538	4	12	351
3	13	1.1296	12	15	575
4	19	1.8133	15	21	694
5	23	1.8938	21	26	1022
6	29	1.1086	26	33	601
7	38	1.4119	33	48	666
8	61	0.8967	48	65	502
9	72	3.6513	65	90	3596

TIC:	12.3590	ng/uL
TIM:	1392.2991	nmole/L
Total Conc.:	12.0251	ng/uL
%microRNA	60.1	
smallRNA	12.0	ng/ul
microRNA	7.2	ng/ul

Sample: 10N:20min
Well Location: E10
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	578
2	11	0.4847	6	12	393
3	14	0.9868	12	15	527
4	19	1.7230	15	21	719
5	23	2.0283	21	28	1143
6	30	1.0633	28	34	620
7	39	1.4478	34	51	718
8	64	0.9121	51	67	548
9	75	3.6123	67	91	3941

TIC:	12.2583	ng/uL
TIM:	1310.8583	nmole/L
Total Conc.:	11.9344	ng/uL
%microRNA	58.1	
smallRNA	11.9	ng/ul
microRNA	6.9	ng/ul

Sample: 10N:30min
Well Location: E11
Created: Monday, March 18, 2019 1:30:02 PM
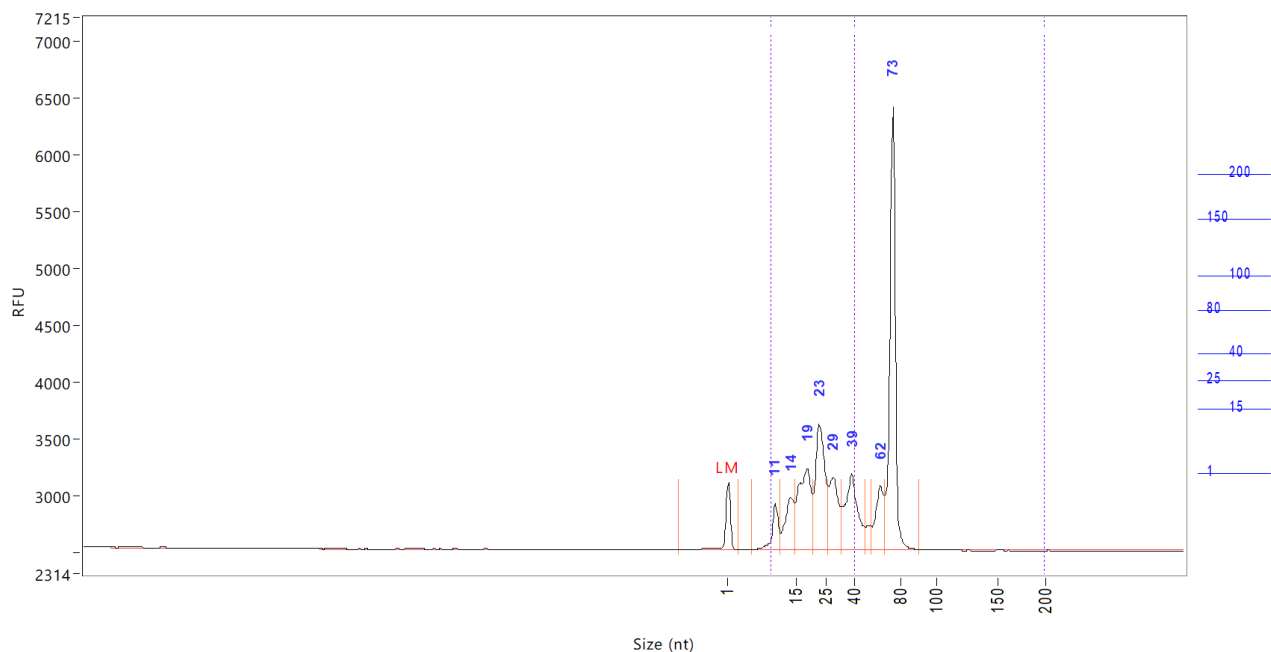
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	594
2	11	0.5117	6	12	408
3	14	0.8542	12	15	454
4	19	1.7662	15	21	712
5	23	2.1393	21	27	1100
6	29	1.1763	27	34	630
7	39	1.5392	34	50	663
8	62	0.8179	55	66	559
9	73	3.7774	66	91	3901

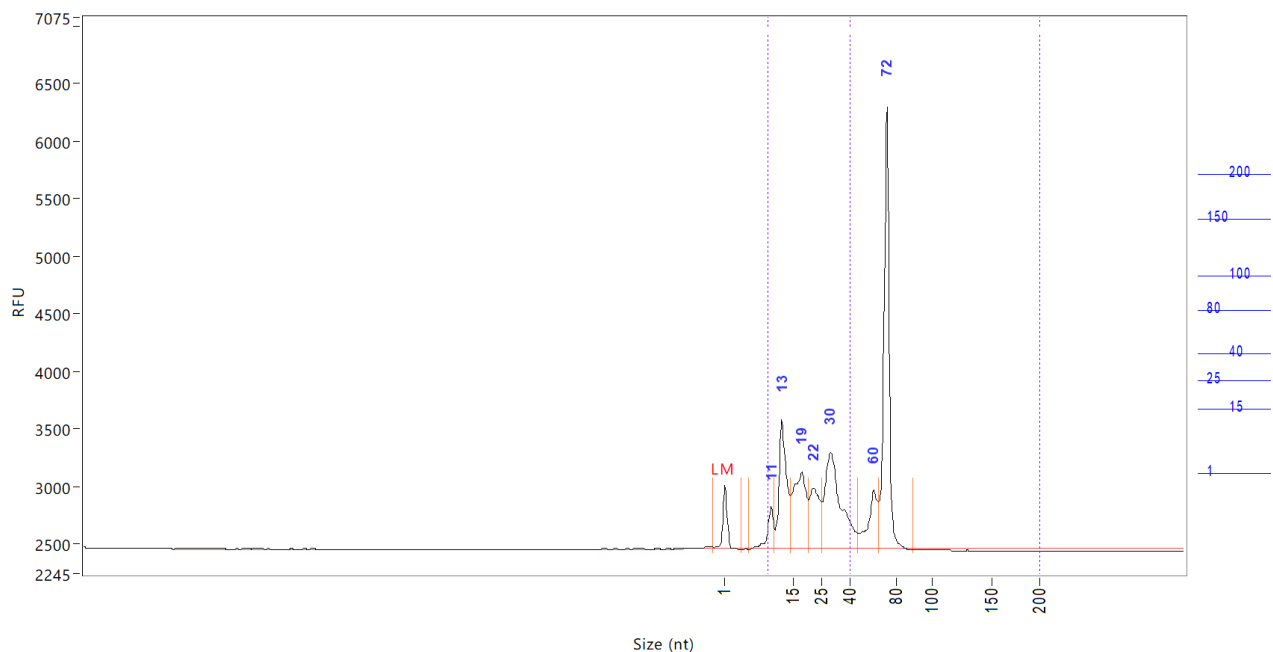|		
TIC:	12.5821	ng/uL
TIM:	1336.9714	nmole/L
Total Conc.:	12.4357	ng/uL
%microRNA	58.0	
smallRNA	12.4	ng/ul
microRNA	7.2	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 10N:Cont
Well Location: E12
Created: Monday, March 18, 2019 1:30:02 PM
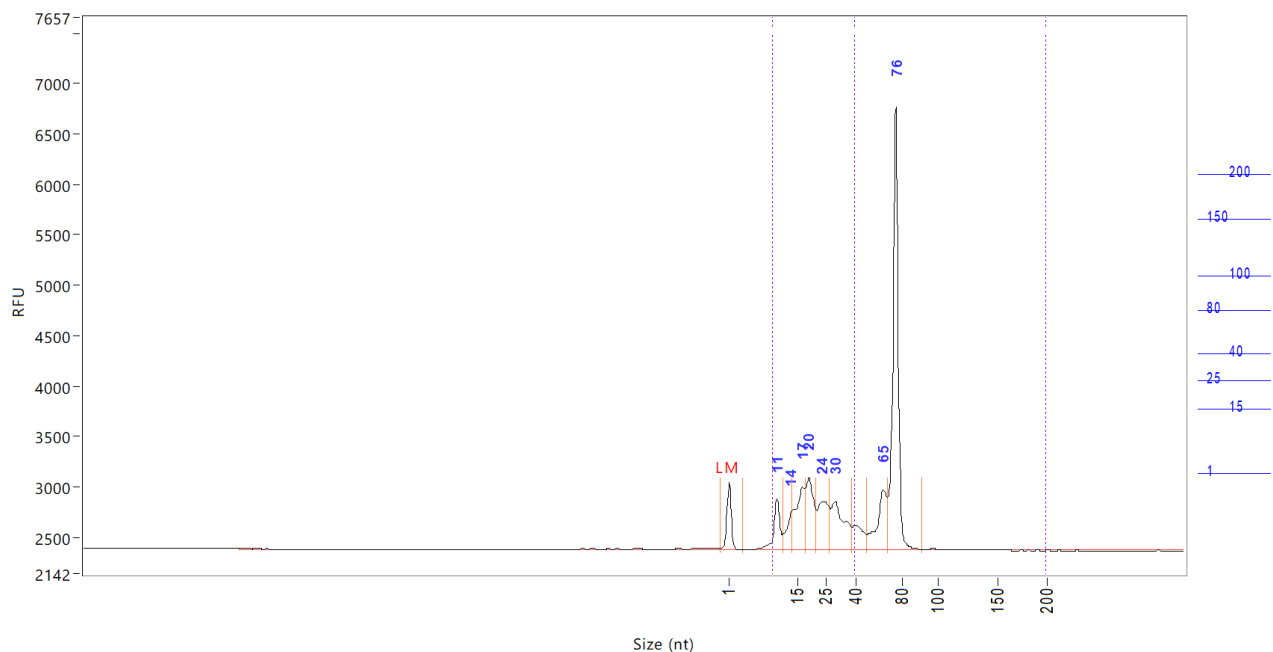
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	664
2	11	0.5696	4	12	491
3	14	0.3773	12	14	351
4	17	1.0929	14	18	619
5	20	1.1024	18	22	703
6	24	0.9506	22	27	467
7	30	1.1270	27	38	471
8	65	1.0060	50	68	590
9	76	3.9142	68	92	4387

TIC:	10.1400	ng/uL
TIM:	1059.8079	nmole/L
Total Conc.:	10.2492	ng/uL
%microRNA	49.3	
smallRNA	10.2	ng/ul
microRNA	5.0	ng/ul

Sample: 15N:30s
Well Location: F1
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	545
2	11	0.5128	7	12	363
3	13	2.0188	12	15	1114
4	19	1.8983	15	21	662
5	22	1.2184	21	25	527
6	30	2.8590	25	48	832
7	60	1.0015	48	65	502
8	72	4.0922	65	90	3838

TIC:	13.6010	ng/uL
TIM:	1607.6858	nmole/L
Total Conc.:	13.2976	ng/uL
%microRNA	60.5	
smallRNA	13.2	ng/ul
microRNA	8.0	ng/ul

Sample: 15N:45s
Well Location: F2
Created: Monday, March 18, 2019 1:30:02 PM
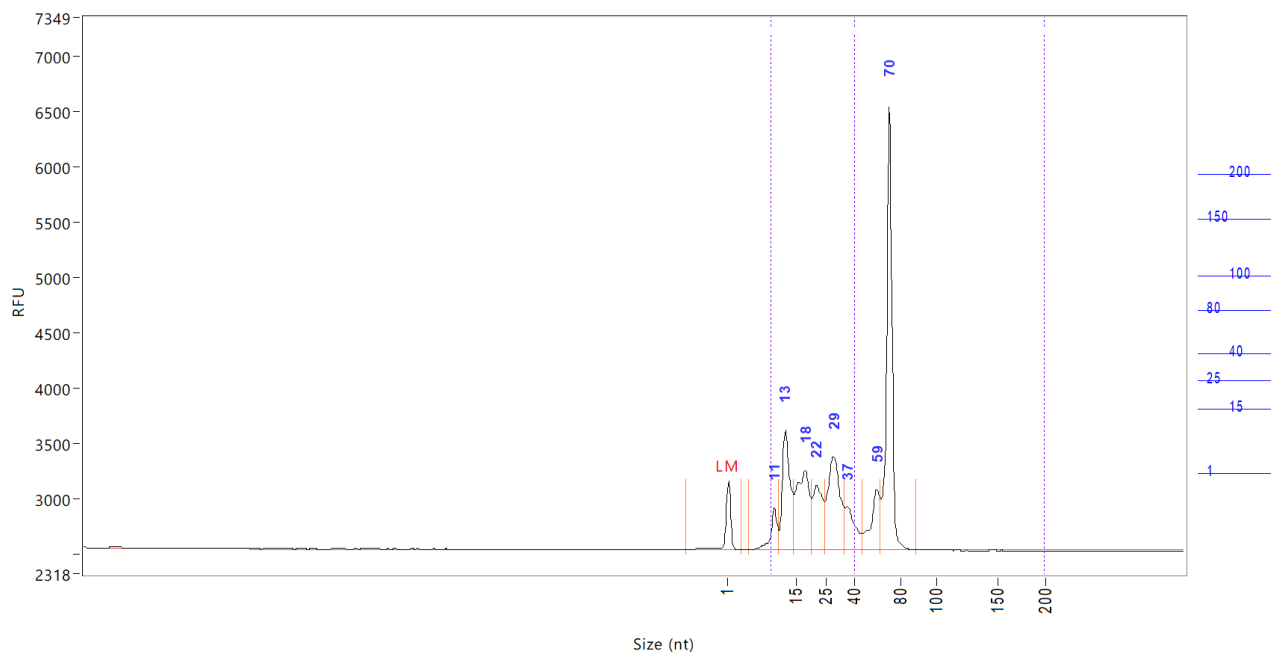
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	620
2	11	0.4483	6	12	379
3	13	1.6762	12	15	1076
4	18	1.6831	15	21	710
5	22	1.0913	21	25	579
6	29	1.8584	25	35	834
7	37	0.6607	35	47	385
8	59	0.8739	47	63	540
9	70	3.5605	63	89	4005

TIC:	11.8526	ng/uL
TIM:	1396.9844	nmole/L
Total Conc.:	11.5350	ng/uL
%microRNA	60.3	
smallRNA	11.4	ng/ul
microRNA	6.9	ng/ul

Sample: 15N:1min
Well Location: F3
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	615
2	10	0.4796	6	11	389
3	12	1.7752	11	14	1121
4	17	1.7916	14	19	750
5	21	1.2007	19	23	591
6	28	2.7806	23	42	834
7	54	0.9219	42	58	556
8	65	3.8774	58	86	4142

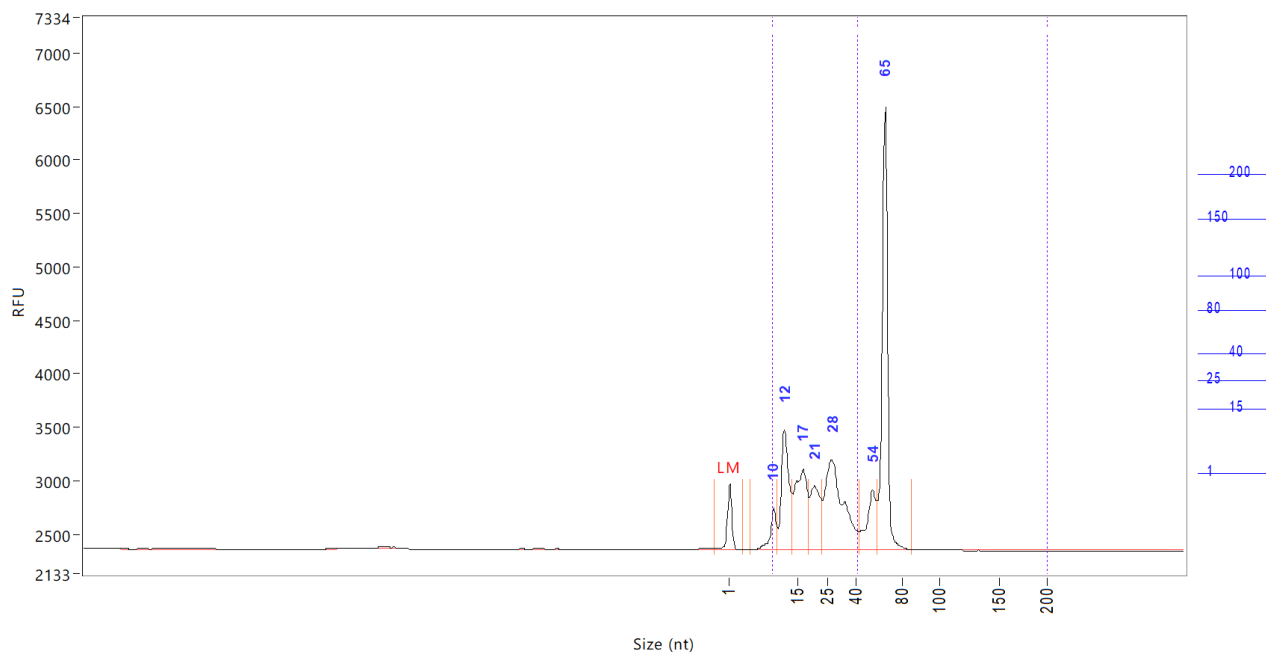|		
TIC:	12.8269	ng/uL
TIM:	1625.8007	nmole/L
Total Conc.:	12.5236	ng/uL
%microRNA	61.1	
smallRNA	12.3	ng/ul
microRNA	7.5	ng/ul

```
Sample Peak Width (sec): 3     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): 22
Manual Baseline Start (min): 12     Manual Baseline End (min): 22
Marker Peak Width (sec): 3     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder          Final Concentration (ng/uL): 0.4000          Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region       Min. Size (nt): 10       miRNA Max. Size (nt): 40       small RNA Max. Size (nt): 200
```

Sample: 15N:2min
Well Location: F4
Created: Monday, March 18, 2019 1:30:02 PM
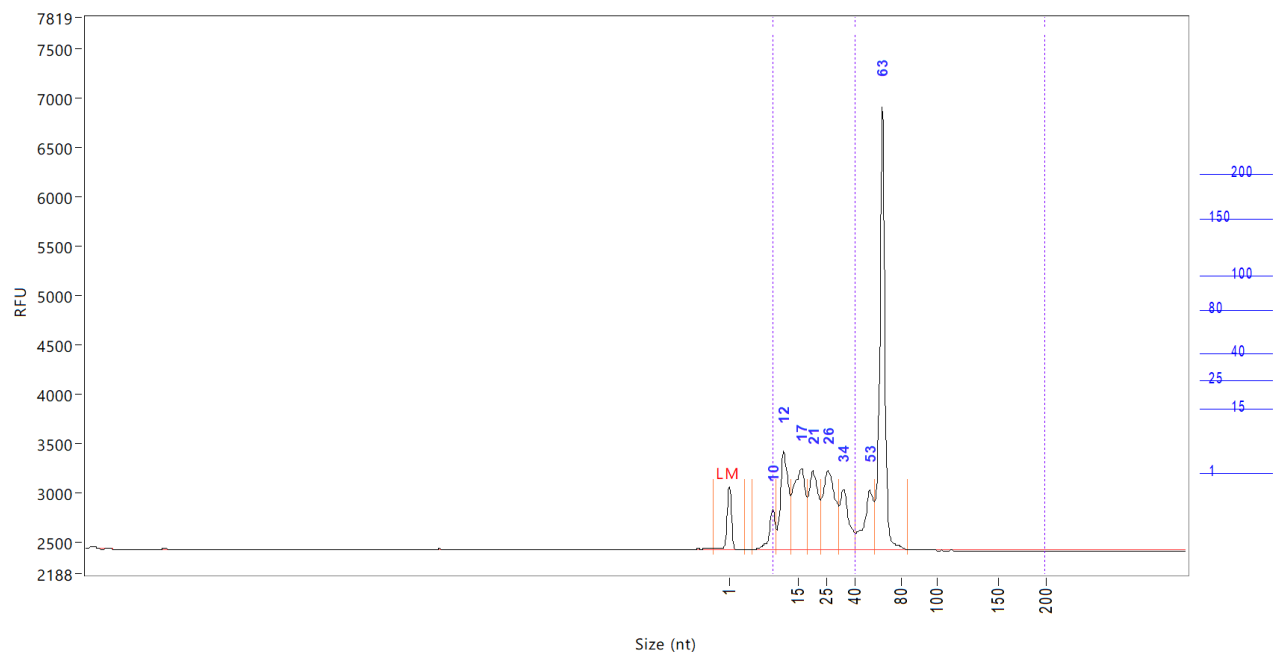
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	626
2	10	0.5077	6	11	412
3	12	1.6237	11	14	1002
4	17	1.8441	14	19	816
5	21	1.4439	19	23	793
6	26	1.8413	23	32	796
7	34	1.0037	32	40	609
8	53	1.0393	40	57	606
9	63	4.0889	57	84	4485

TIC:	13.3926	ng/uL
TIM:	1675.7676	nmole/L
Total Conc.:	13.0159	ng/uL
%microRNA	60.6	
smallRNA	12.8	ng/ul
microRNA	7.8	ng/ul

Sample: 15N:3min
Well Location: F5
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	673
2	11	0.5228	6	12	472
3	13	1.5979	12	15	1032
4	19	1.8167	15	21	824
5	23	1.4300	21	27	837
6	31	1.7095	27	36	924
7	39	0.9579	36	50	582
8	64	1.0163	50	68	645
9	75	3.7689	68	93	4713

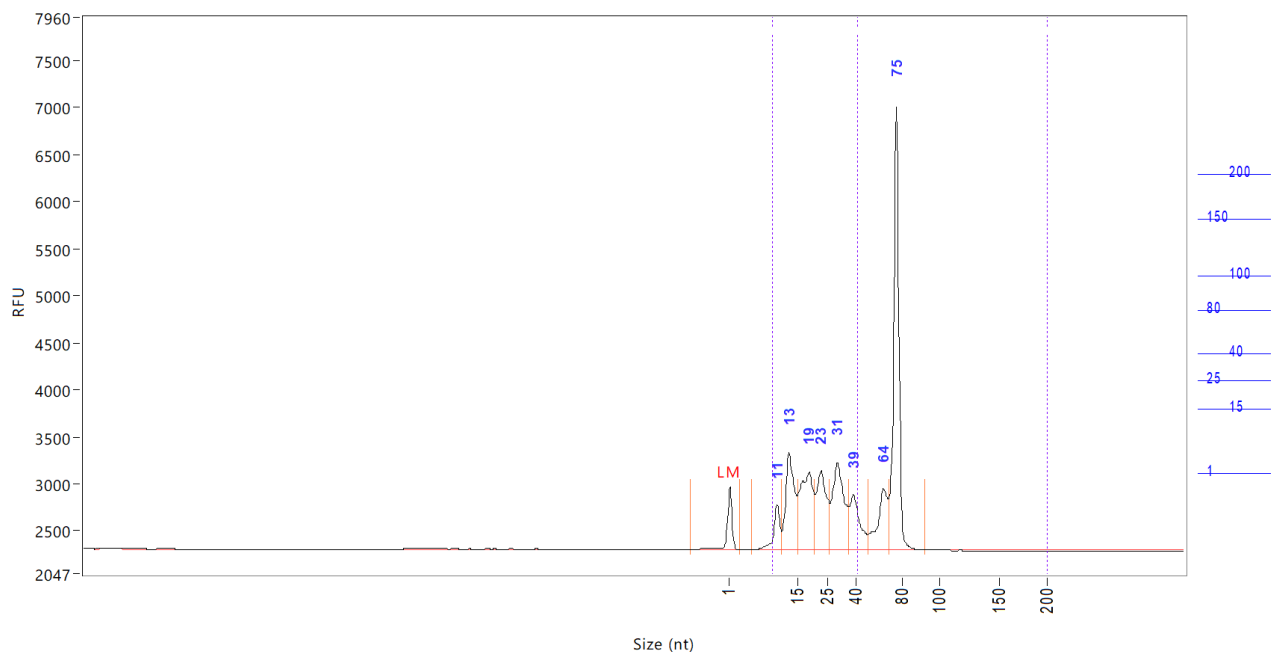|		
TIC:	12.8200	ng/uL
TIM:	1460.2263	nmole/L
Total Conc.:	12.4771	ng/uL
%microRNA	58.9	
smallRNA	12.4	ng/ul
microRNA	7.3	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 15N:5min
Well Location: F6
Created: Monday, March 18, 2019 1:30:02 PM
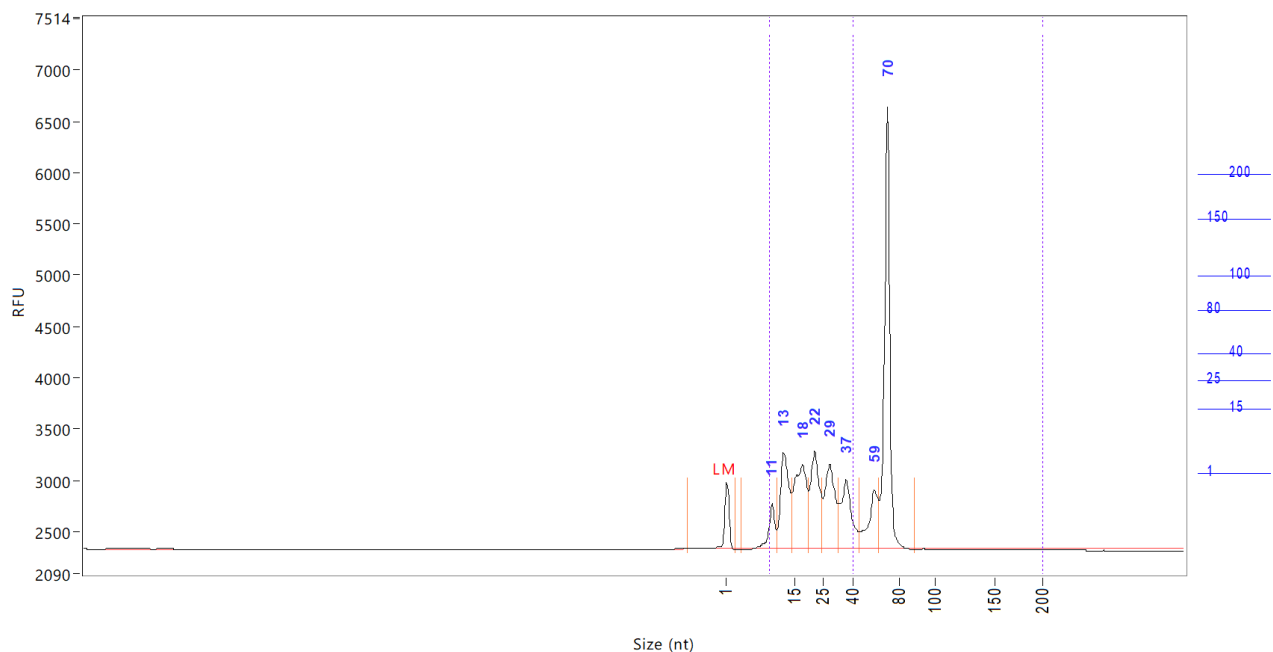
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	638
2	11	0.5161	5	12	442
3	13	1.5472	12	15	930
4	18	1.8659	15	20	815
5	22	1.5956	20	25	946
6	29	1.5094	25	33	821
7	37	1.2455	33	46	670
8	59	0.9205	46	63	578
9	70	3.8455	63	89	4312

TIC:	13.0458	ng/uL
TIM:	1548.6334	nmole/L
Total Conc.:	12.6898	ng/uL
%microRNA	61.3	
smallRNA	12.6	ng/ul
microRNA	7.7	ng/ul

Sample: 15N:7min
Well Location: F7
Created: Monday, March 18, 2019 1:30:02 PM
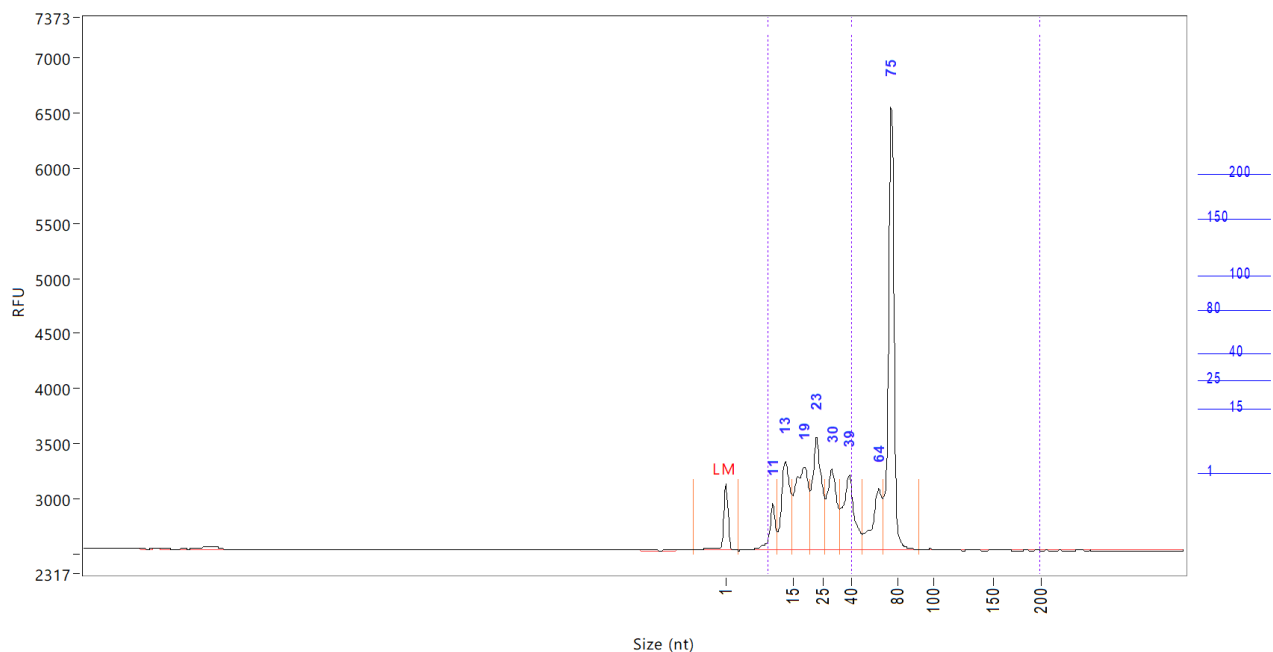
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	596
2	11	0.5241	4	12	423
3	13	1.4131	12	15	799
4	19	1.9065	15	21	754
5	23	1.8179	21	27	1021
6	30	1.3452	27	34	728
7	39	1.3604	34	50	681
8	64	0.9576	50	67	554
9	75	3.8366	67	92	4029

TIC:	13.1615	ng/uL
TIM:	1486.3334	nmole/L
Total Conc.:	12.8261	ng/uL
%microRNA	59.9	
smallRNA	12.8	ng/ul
microRNA	7.6	ng/ul

Sample: 15N:10min
Well Location: F8
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	625
2	11	0.5851	7	12	468
3	13	1.3885	12	15	780
4	18	2.1407	15	20	848
5	23	2.2206	20	26	1256
6	29	1.4233	26	33	786
7	38	1.6058	33	48	817
8	61	1.0654	48	65	597
9	73	4.1643	65	90	4489

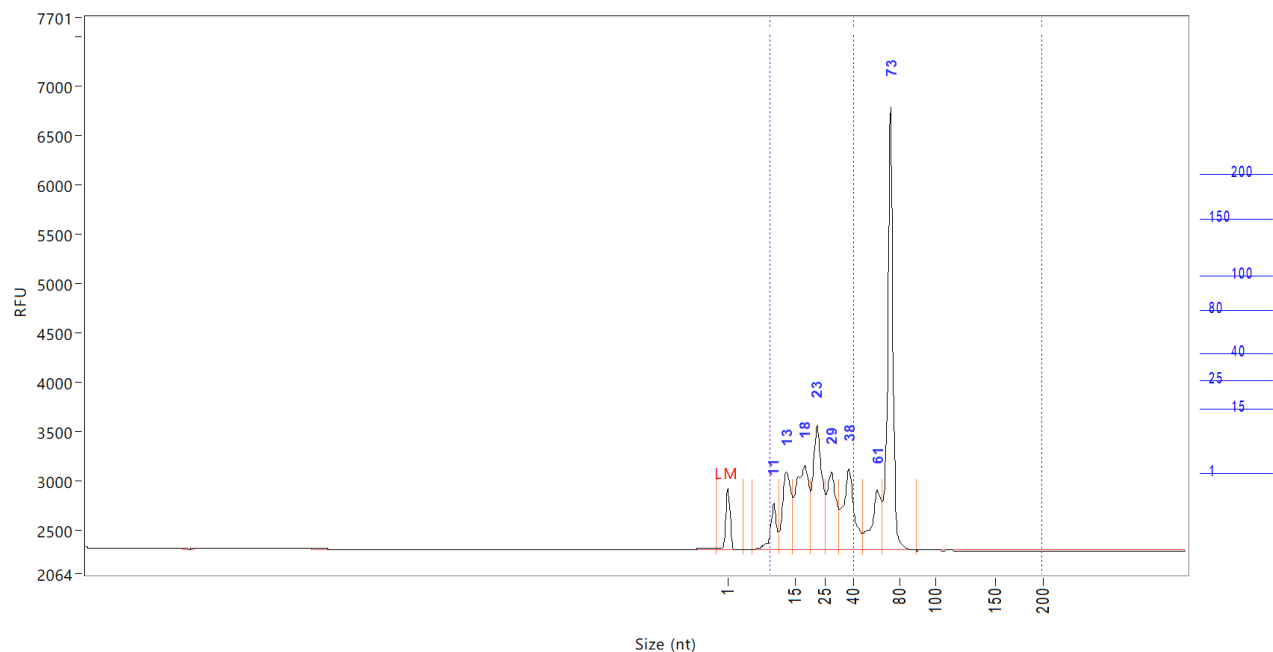|		
TIC:	14.5937	ng/uL
TIM:	1666.7375	nmole/L
Total Conc.:	14.2045	ng/uL
%microRNA	61.5	
smallRNA	14.1	ng/ul
microRNA	8.7	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 15N:15min
Well Location: F9
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	718
2	11	0.5323	6	12	490
3	14	1.0952	12	15	689
4	17	0.7887	15	18	766
5	20	1.2596	18	21	909
6	23	2.1723	21	28	1403
7	30	1.1821	28	34	801
8	39	1.5920	34	51	906
9	64	0.9011	56	68	694
10	75	3.7466	68	93	4781

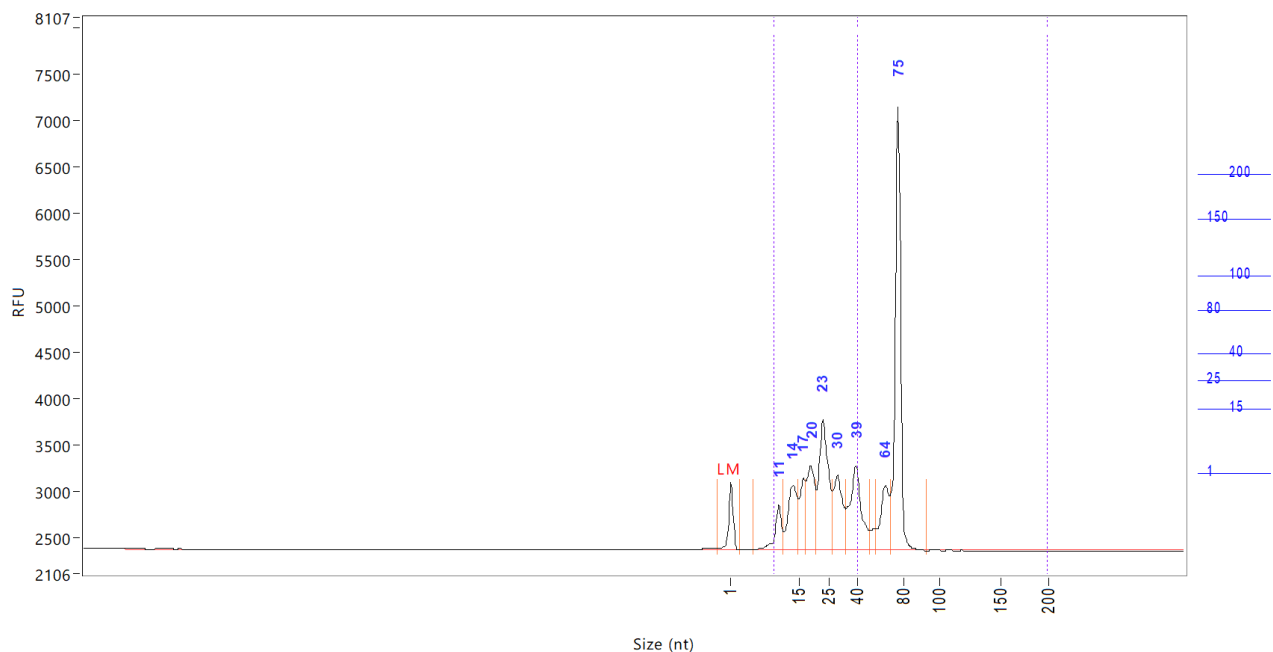|		
TIC:	13.2698	ng/uL
TIM:	1440.0782	nmole/L
Total Conc.:	12.9880	ng/uL
%microRNA	58.4	
smallRNA	12.9	ng/ul
microRNA	7.5	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 15N:20min
Well Location: F10
Created: Monday, March 18, 2019 1:30:02 PM
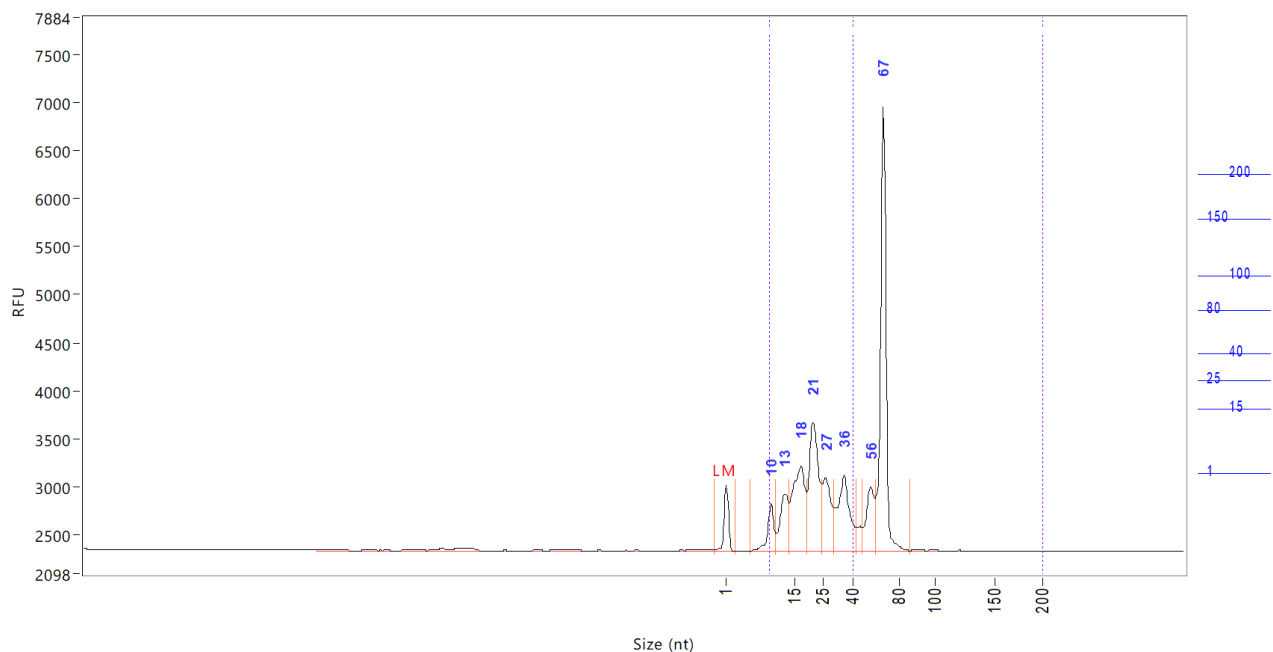
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	681
2	10	0.5445	6	11	495
3	13	0.9243	11	14	584
4	18	1.9572	14	20	883
5	21	2.2644	20	24	1321
6	27	1.2002	24	31	756
7	36	1.5734	31	44	784
8	56	0.8852	49	60	658
9	67	4.0120	60	87	4617

TIC:	13.3611	ng/uL
TIM:	1547.3540	nmole/L
Total Conc.:	13.1781	ng/uL
%microRNA	60.5	
smallRNA	13.0	ng/ul
microRNA	7.9	ng/ul

Sample: 15N:30min
Well Location: F11
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	671
2	10	0.5417	4	11	490
3	13	0.7944	11	14	511
4	18	1.8219	14	20	835
5	22	1.9932	20	24	1116
6	26	1.1673	24	31	729
7	36	1.7994	31	49	706
8	56	0.9074	49	60	666
9	67	3.8655	60	96	4324

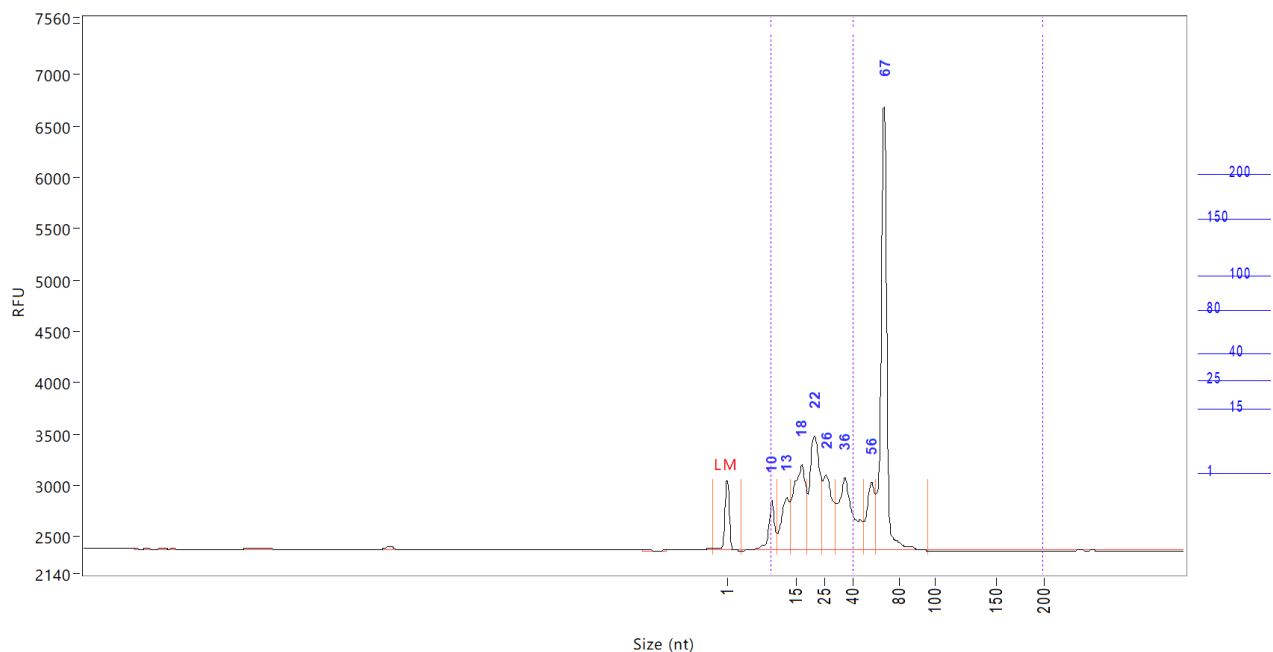|		
TIC:	12.8909	ng/uL
TIM:	1460.6328	nmole/L
Total Conc.:	12.5128	ng/uL
%microRNA	58.9	
smallRNA	12.4	ng/ul
microRNA	7.3	ng/ul

```
Sample Peak Width (sec): 3     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): 22
Manual Baseline Start (min): 12     Manual Baseline End (min): 22
Marker Peak Width (sec): 3     Marker Min Peak Height: 500    Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder        Final Concentration (ng/uL): 0.4000        Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region       Min. Size (nt): 10        miRNA Max. Size (nt): 40        small RNA Max. Size (nt): 200
```

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Sample: 15N:Cont
Well Location: F12
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	553
2	11	0.5535	6	12	450
3	13	0.3725	12	13	311
4	16	0.9533	13	17	486
5	18	1.0036	17	21	568
6	23	0.7686	21	24	377
7	27	1.1003	24	35	404
8	58	0.8015	51	62	523
9	69	3.9623	62	90	3600

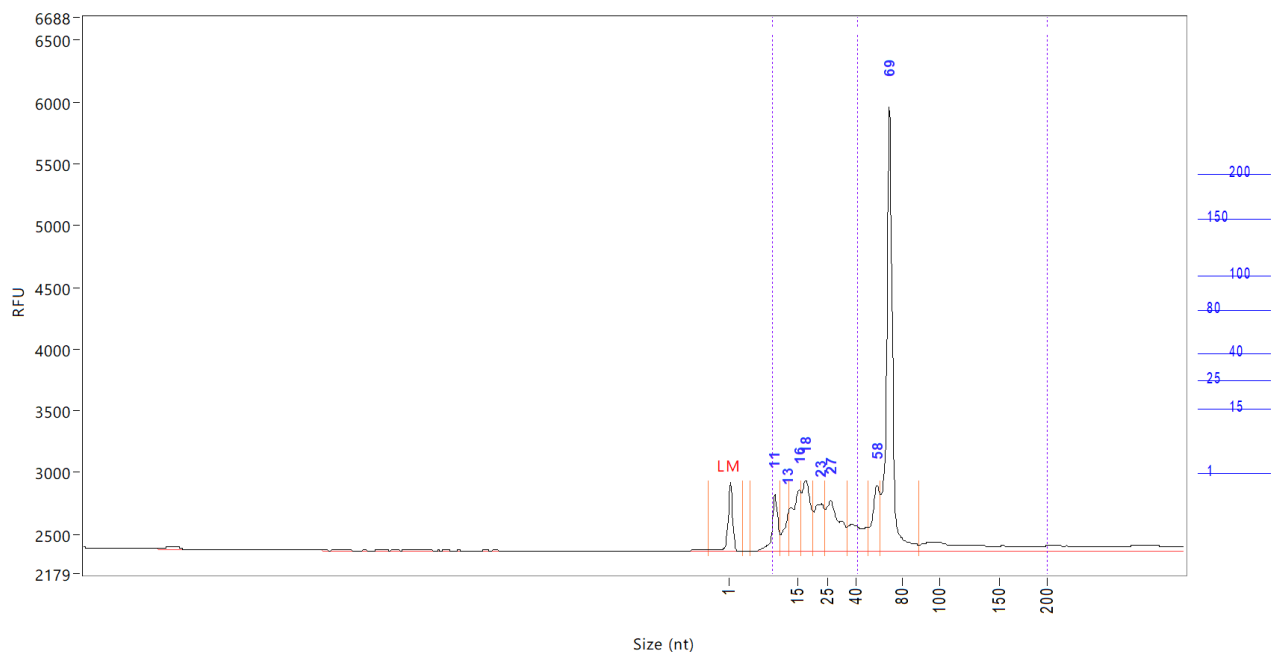|		
TIC:	9.5157	ng/uL
TIM:	1047.6044	nmole/L
Total Conc.:	11.2380	ng/uL
%microRNA	44.8	
smallRNA	10.5	ng/ul
microRNA	4.7	ng/ul

```
Sample Peak Width (sec): 3     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): 22
Manual Baseline Start (min): 12     Manual Baseline End (min): 22
Marker Peak Width (sec): 3     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder          Final Concentration (ng/uL): 0.4000          Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region       Min. Size (nt): 10      miRNA Max. Size (nt): 40       small RNA Max. Size (nt): 200
```

Sample: 20N:30s
Well Location: G1
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	644
2	11	0.5298	6	12	437
3	13	1.8164	12	15	1187
4	17	0.8225	15	18	681
5	19	1.2084	18	21	793
6	23	1.2241	21	26	663
7	30	2.1377	26	36	960
8	37	0.7579	36	48	438
9	62	1.0499	48	66	624
10	73	4.0055	66	90	4587

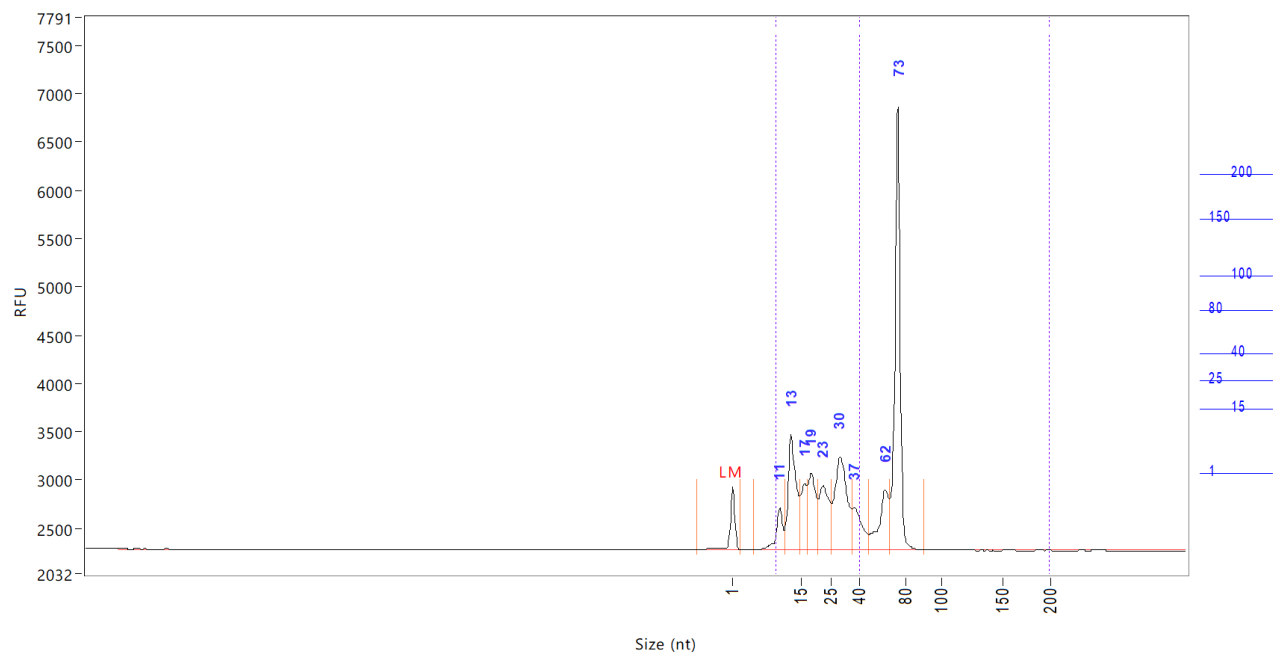|		
TIC:	13.5522	ng/uL
TIM:	1571.9309	nmole/L
Total Conc.:	13.1126	ng/uL
%microRNA	59.4	
smallRNA	13.0	ng/ul
microRNA	7.7	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 20N:45s
Well Location: G2
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	736
2	11	0.4944	6	12	466
3	13	1.7429	12	15	1263
4	17	0.7011	15	18	734
5	19	1.1522	18	21	857
6	23	1.2219	21	27	728
7	31	1.9022	27	37	986
8	39	0.7386	37	49	493
9	64	0.9613	49	67	667
10	75	3.7659	67	96	4947

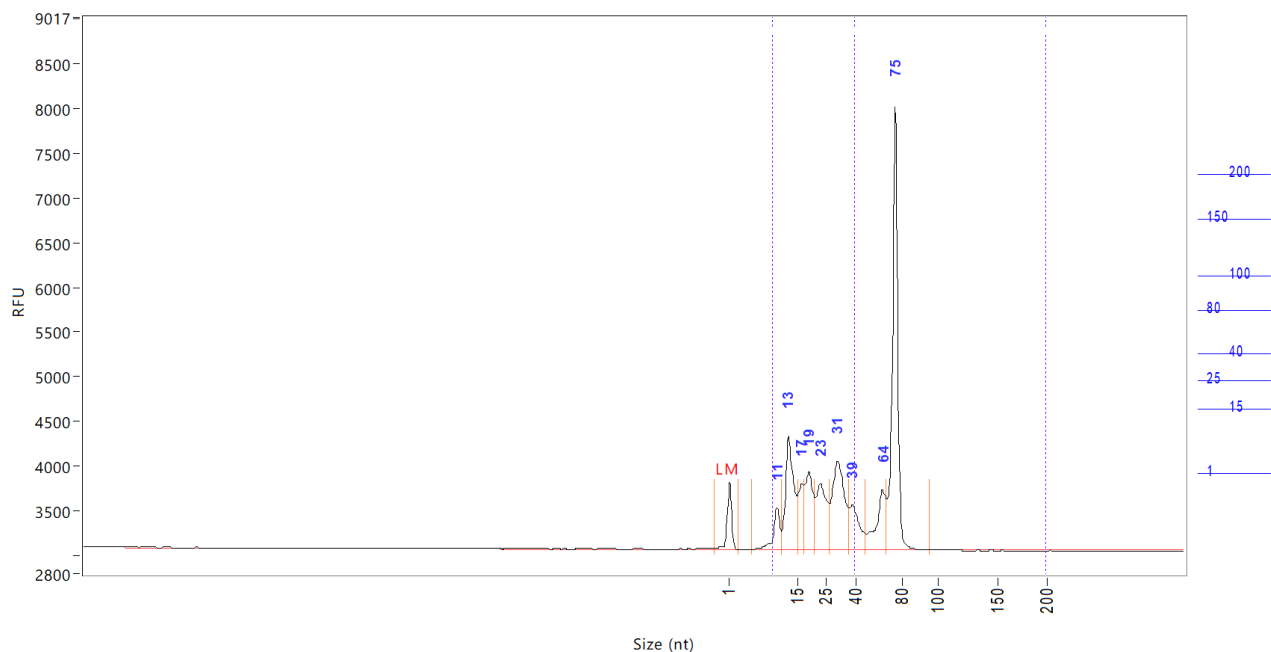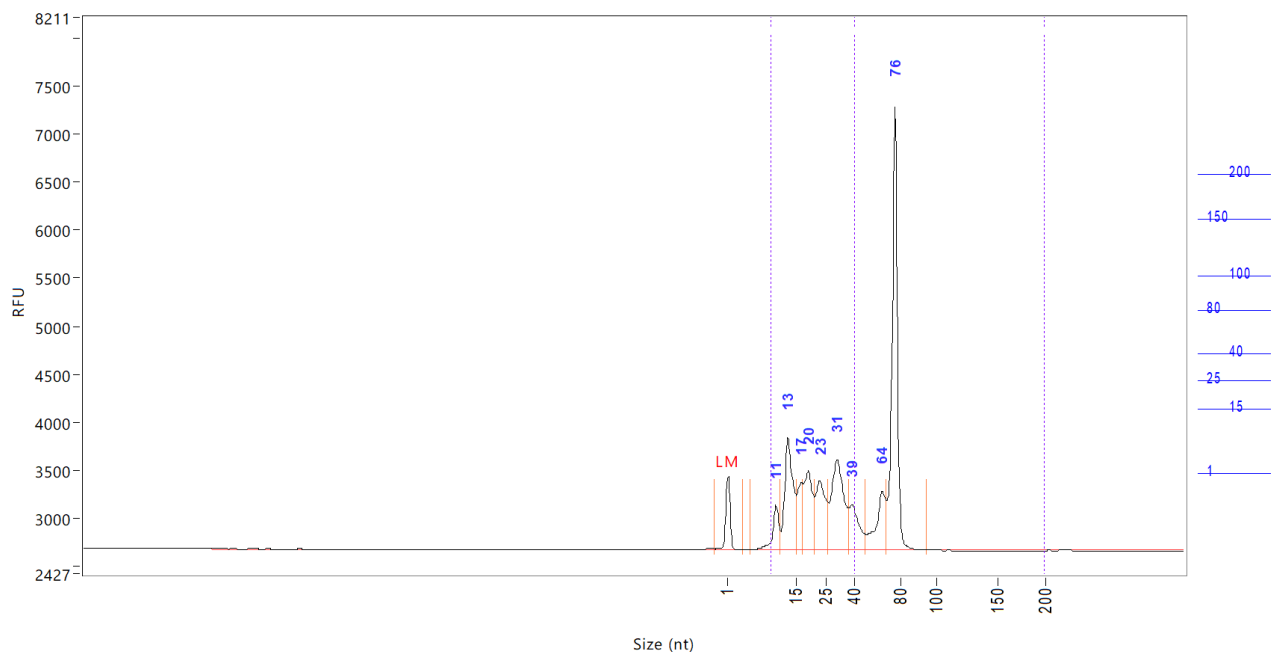|		
TIC:	12.6803	ng/uL
TIM:	1410.0430	nmole/L
Total Conc.:	12.2669	ng/uL
%microRNA	59.1	
smallRNA	12.2	ng/ul
microRNA	7.2	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 20N:1min
Well Location: G3
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	760
2	11	0.4895	6	12	461
3	13	1.6376	12	15	1174
4	17	0.6704	15	18	707
5	20	1.1019	18	21	820
6	23	1.1849	21	27	713
7	31	1.7854	27	37	941
8	39	0.7358	37	51	470
9	64	0.8975	51	68	614
10	76	3.4969	68	94	4610

|		
TIC:	11.9999	ng/uL
TIM:	1340.2761	nmole/L
Total Conc.:	11.6076	ng/uL
%microRNA	59.4	
smallRNA	11.5	ng/ul
microRNA	6.9	ng/ul

```
Sample Peak Width (sec): 3     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): 22
Manual Baseline Start (min): 12     Manual Baseline End (min): 22
Marker Peak Width (sec): 3     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder        Final Concentration (ng/uL): 0.4000        Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region        Min. Size (nt): 10        miRNA Max. Size (nt): 40        small RNA Max. Size (nt): 200
```

Sample: 20N:2min
Well Location: G4
Created: Monday, March 18, 2019 1:30:02 PM
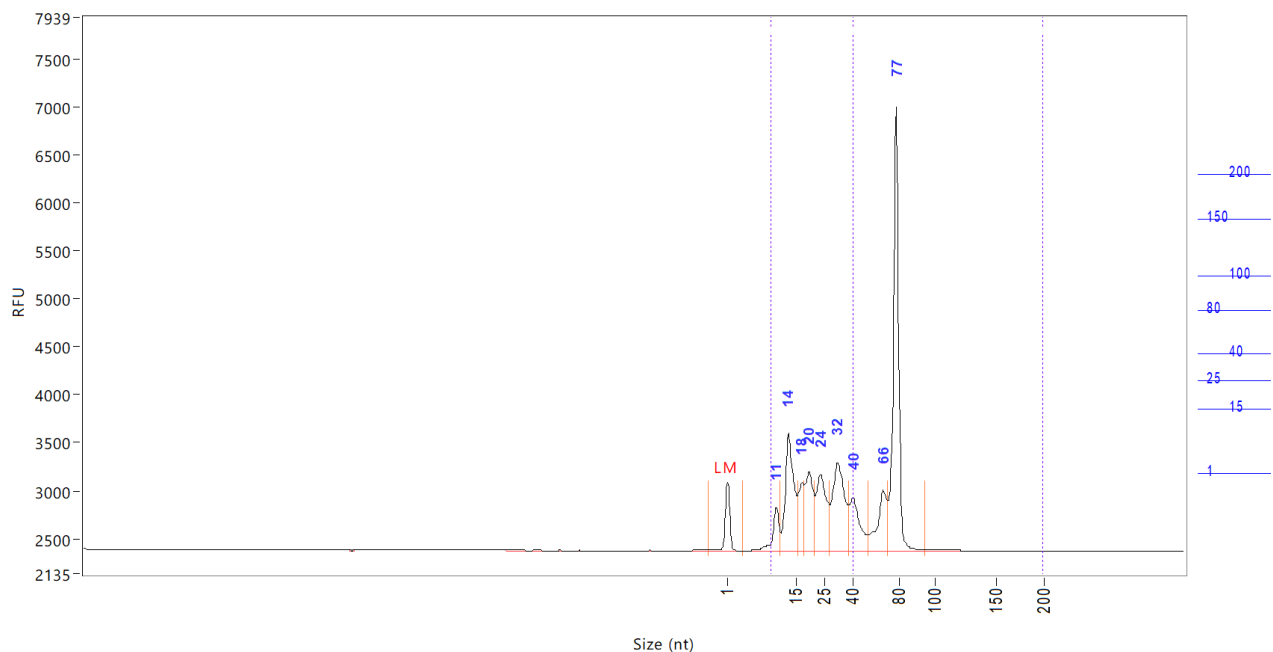
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	5	718
2	11	0.4895	5	12	448
3	14	1.7528	12	16	1218
4	18	0.6856	16	18	709
5	20	1.1373	18	22	827
6	24	1.2798	22	28	788
7	32	1.7567	28	37	917
8	40	0.9021	37	53	556
9	66	0.9135	53	70	626
10	77	3.6302	70	94	4635

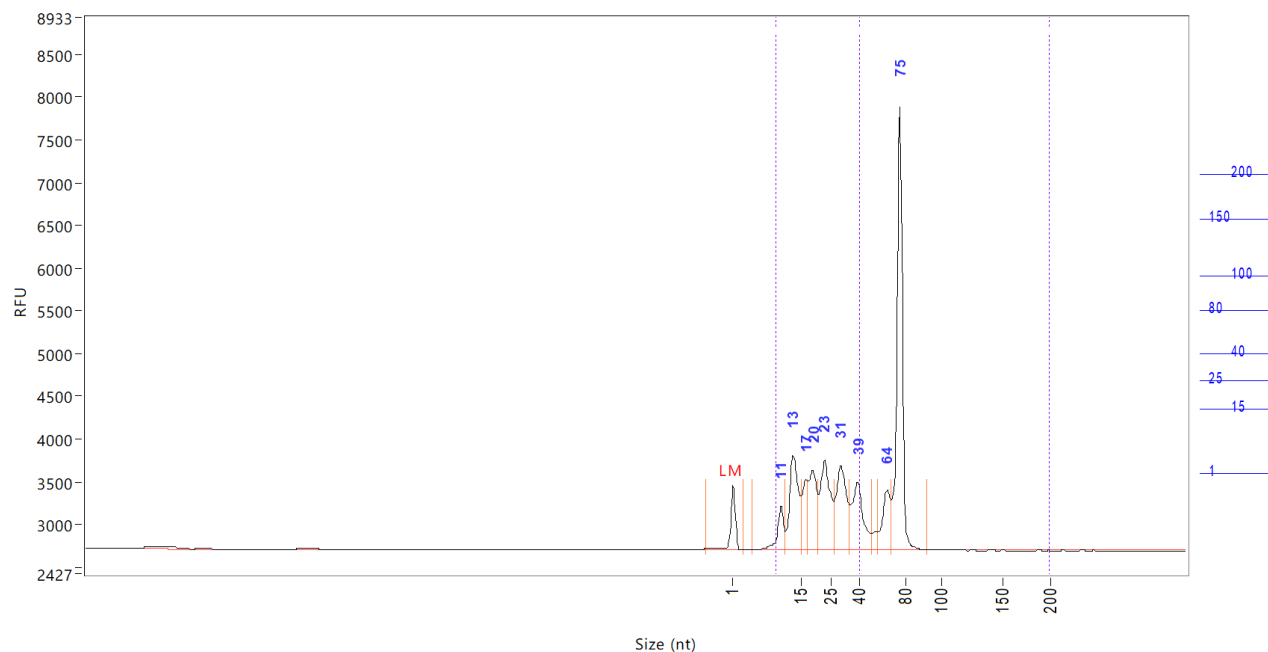|		
TIC:	12.5475	ng/uL
TIM:	1391.3563	nmole/L
Total Conc.:	12.1615	ng/uL
%microRNA	58.6	
smallRNA	12.1	ng/ul
microRNA	7.1	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

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Sample: 20N:3min
Well Location: G5
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	752
2	11	0.5126	6	12	511
3	13	1.5204	12	15	1104
4	17	0.7176	15	18	825
5	20	1.1814	18	21	929
6	23	1.5337	21	27	1058
7	31	1.4961	27	35	982
8	39	1.2503	35	51	793
9	64	0.7736	56	67	697
10	75	3.7262	67	92	5187

TIC:	12.7120	ng/uL
TIM:	1417.3885	nmole/L
Total Conc.:	12.4527	ng/uL
%microRNA	59.0	
smallRNA	12.4	ng/ul
microRNA	7.3	ng/ul

Sample: 20N:5min
Well Location: G6
Created: Monday, March 18, 2019 1:30:02 PM
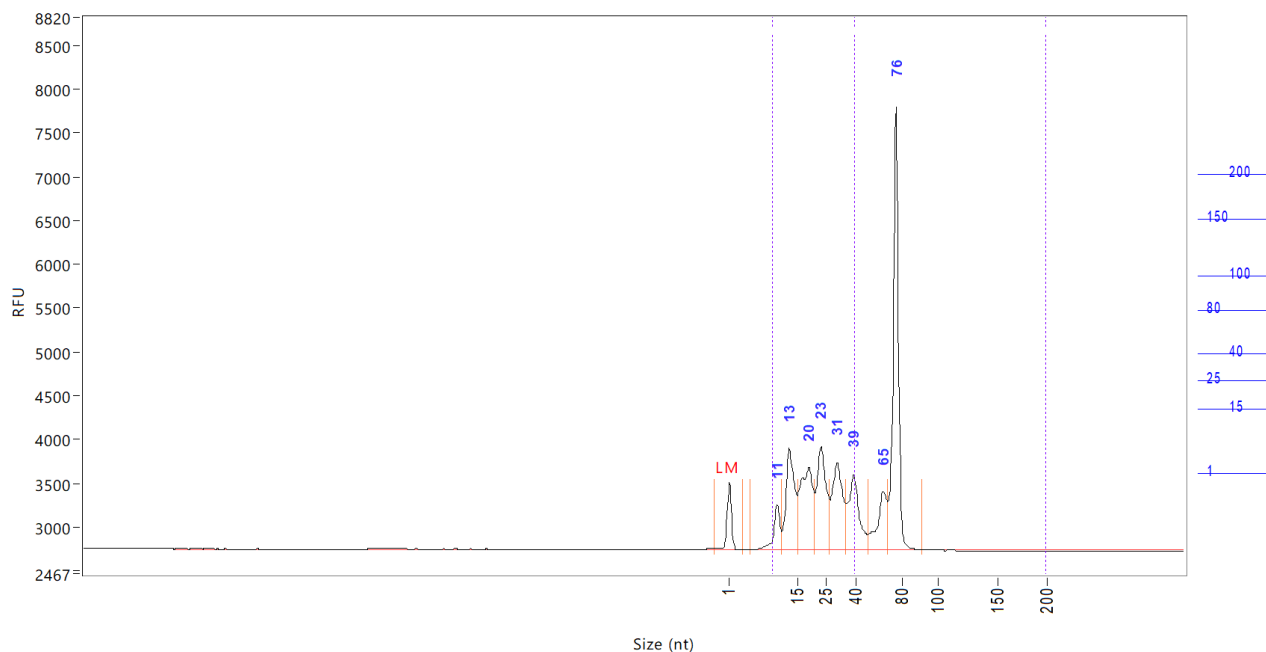
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	769
2	11	0.5173	6	12	507
3	13	1.6219	12	15	1154
4	20	1.8188	15	21	934
5	23	1.7775	21	27	1174
6	31	1.5551	27	35	995
7	39	1.3383	35	51	855
8	65	0.9268	51	68	663
9	76	3.7166	68	92	5061

|		
TIC:	13.2722	ng/uL
TIM:	1481.7982	nmole/L
Total Conc.:	12.9225	ng/uL
%microRNA	60.5	
smallRNA	12.9	ng/ul
microRNA	7.8	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 20N:7min
Well Location: G7
Created: Monday, March 18, 2019 1:30:02 PM
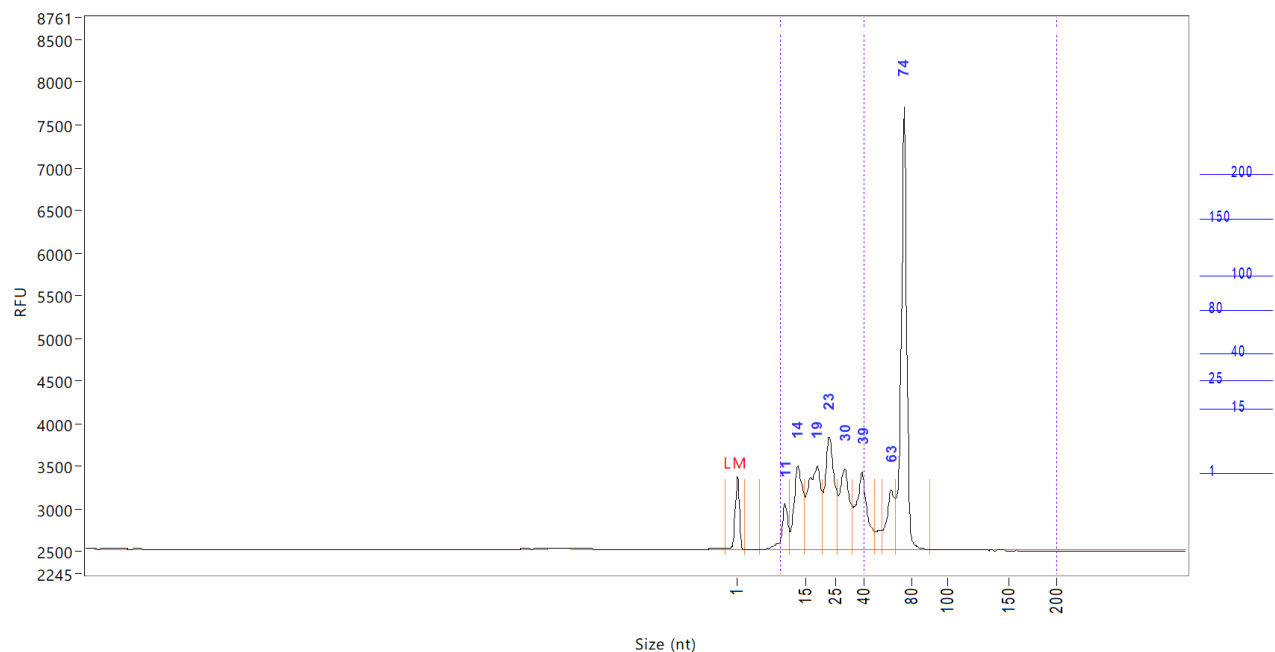
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	3	853
2	11	0.5026	6	12	538
3	14	1.3224	12	15	986
4	19	1.7713	15	21	984
5	23	1.7253	21	27	1317
6	30	1.3008	27	34	950
7	39	1.3328	34	50	912
8	63	0.7454	56	67	706
9	74	3.5260	67	91	5196

|		
TIC:	12.2265	ng/uL
TIM:	1374.2159	nmole/L
Total Conc.:	12.0682	ng/uL
%microRNA	60.4	
smallRNA	12.0	ng/ul
microRNA	7.2	ng/ul

```
Sample Peak Width (sec): 3     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): 22
Manual Baseline Start (min): 12     Manual Baseline End (min): 22
Marker Peak Width (sec): 3     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder        Final Concentration (ng/uL): 0.4000        Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region        Min. Size (nt): 10        miRNA Max. Size (nt): 40        small RNA Max. Size (nt): 200
```

Sample: 20N:10min
Well Location: G8
Created: Monday, March 18, 2019 1:30:02 PM
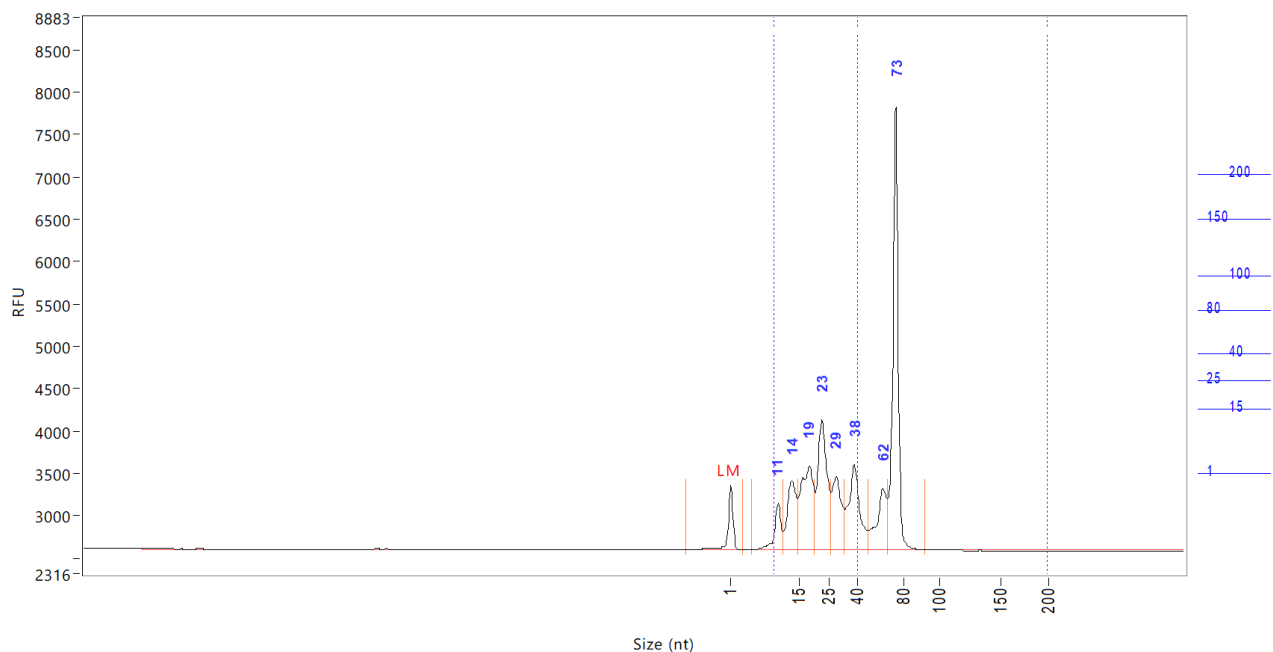
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	757
2	11	0.5514	6	12	550
3	14	1.1204	12	15	802
4	19	1.8828	15	21	993
5	23	2.1461	21	27	1537
6	29	1.1853	27	34	869
7	38	1.5640	34	49	1008
8	62	1.0213	49	66	725
9	73	3.7540	66	92	5230

|		
TIC:	13.2253	ng/uL
TIM:	1470.3512	nmole/L
Total Conc.:	12.8760	ng/uL
%microRNA	59.8	
smallRNA	12.8	ng/ul
microRNA	7.7	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 20N:15min
Well Location: G9
Created: Monday, March 18, 2019 1:30:02 PM
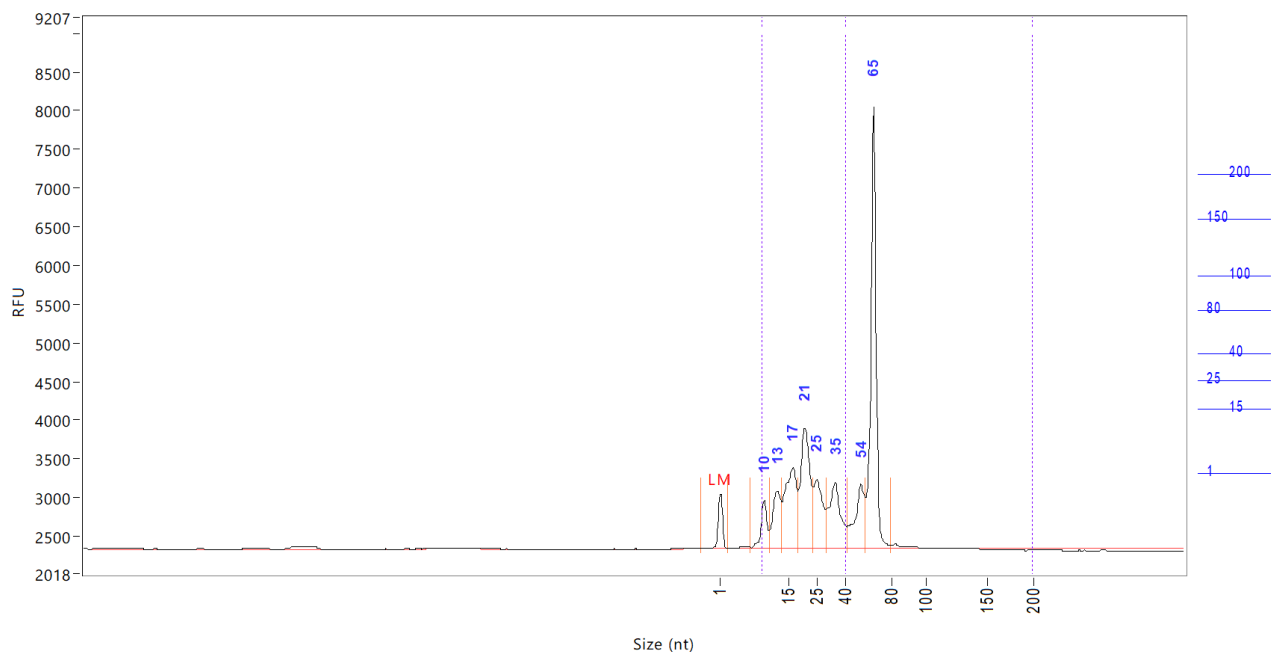
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	3	701
2	10	0.6560	8	11	628
3	13	1.0882	11	14	748
4	17	2.1177	14	19	1045
5	21	2.4058	19	24	1561
6	25	1.4173	24	30	900
7	35	1.5898	30	42	864
8	54	1.2642	42	57	831
9	65	4.6621	57	80	5716

|		
TIC:	15.2009	ng/uL
TIM:	1805.0836	nmole/L
Total Conc.:	14.9376	ng/uL
%microRNA	59.1	
smallRNA	14.7	ng/ul
microRNA	8.7	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 20N:20min
Well Location: G10
Created: Monday, March 18, 2019 1:30:02 PM
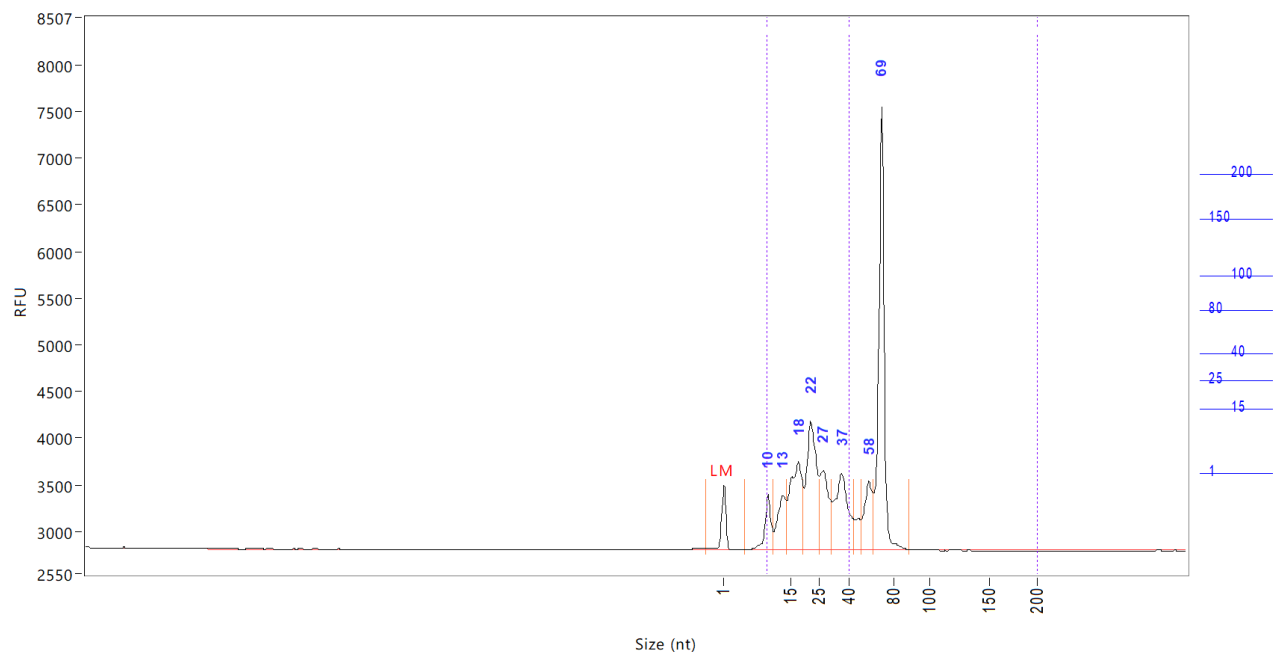
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	6	691
2	10	0.6082	6	11	582
3	13	0.8874	11	14	576
4	18	2.0343	14	20	937
5	22	2.4092	20	25	1367
6	27	1.3120	25	32	849
7	37	1.7573	32	45	820
8	58	0.9222	51	62	726
9	69	4.0852	62	89	4744

|		
TIC:	14.0158	ng/uL
TIM:	1608.9038	nmole/L
Total Conc.:	13.8840	ng/uL
%microRNA	60.2	
smallRNA	13.7	ng/ul
microRNA	8.3	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 20N:30min
Well Location: G11
Created: Monday, March 18, 2019 1:30:02 PM
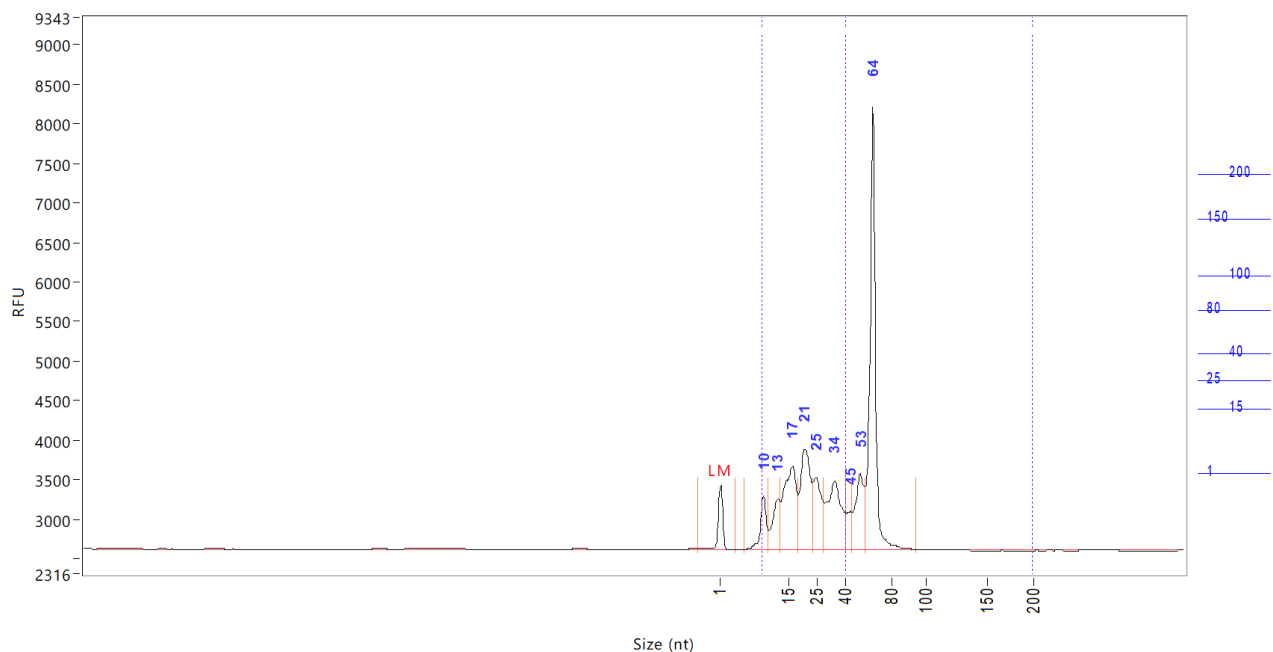
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	803
2	10	0.6132	6	11	669
3	13	0.8129	11	14	634
4	17	1.9988	14	19	1050
5	21	1.9458	19	24	1263
6	25	1.2051	24	29	905
7	34	1.7524	29	41	867
8	45	0.4180	41	47	472
9	53	1.1674	47	57	944
10	64	4.3264	57	94	5591

|		
TIC:	14.2399	ng/uL
TIM:	1649.6593	nmole/L
Total Conc.:	13.7584	ng/uL
%microRNA	57.3	
smallRNA	13.5	ng/ul
microRNA	7.8	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 20N:Cont
Well Location: G12
Created: Monday, March 18, 2019 1:30:02 PM
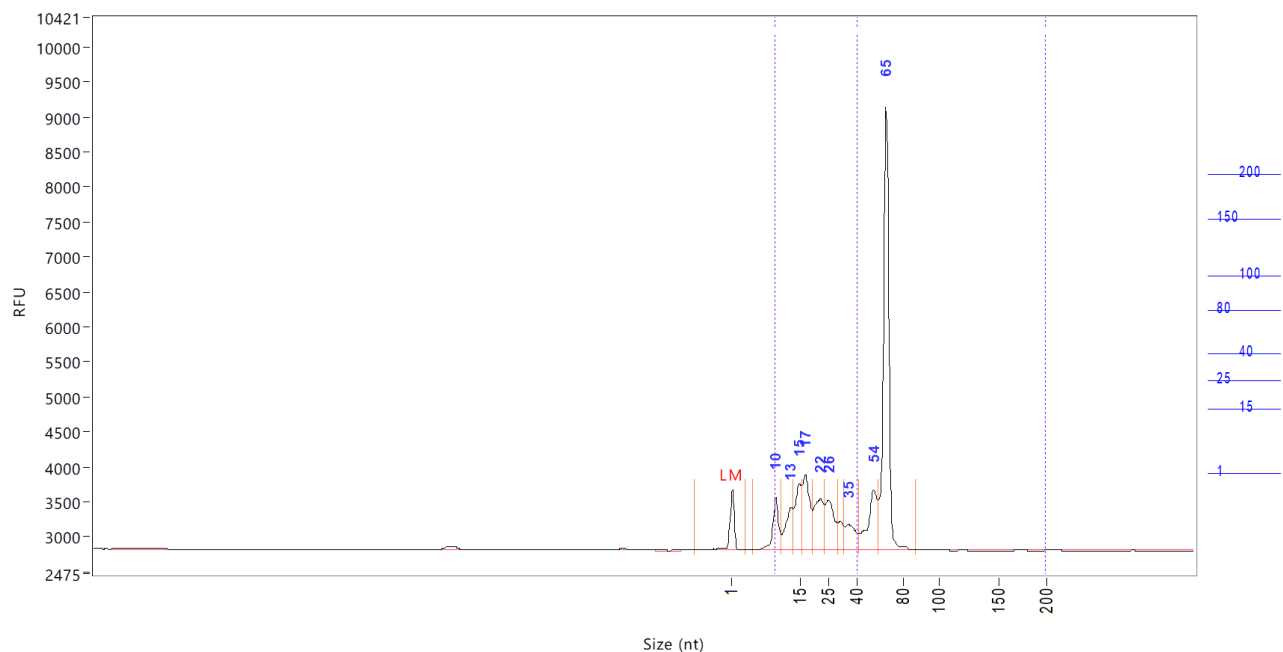
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	862
2	10	0.6074	6	11	749
3	13	0.6727	11	14	606
4	15	0.8619	14	16	951
5	17	1.1476	16	20	1071
6	22	0.9371	20	24	726
7	26	0.9011	24	30	714
8	35	0.5038	33	41	362
9	54	1.0629	41	59	855
10	65	4.0927	59	87	6334

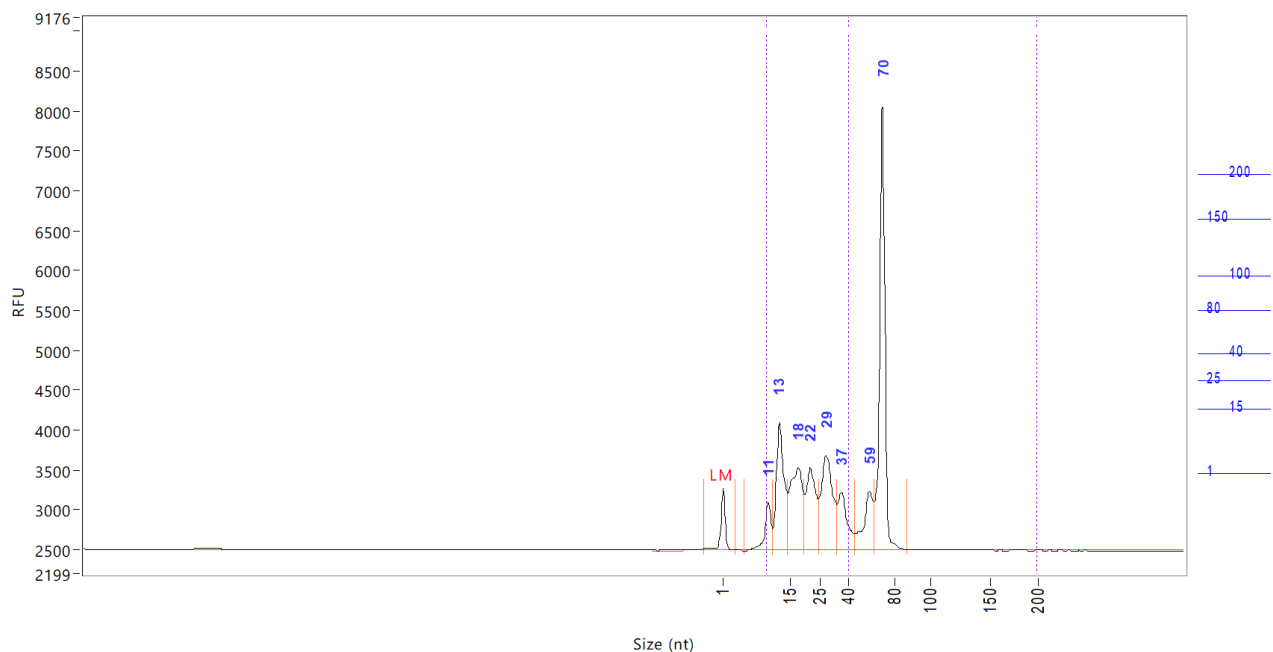|		
TIC:	10.7871	ng/uL
TIM:	1239.3328	nmole/L
Total Conc.:	10.6741	ng/uL
%microRNA	51.2	
smallRNA	10.5	ng/ul
microRNA	5.4	ng/ul

```
Sample Peak Width (sec): 3     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): 22
Manual Baseline Start (min): 12     Manual Baseline End (min): 22
Marker Peak Width (sec): 3     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder         Final Concentration (ng/uL): 0.4000          Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region          Min. Size (nt): 10        miRNA Max. Size (nt): 40        small RNA Max. Size (nt): 200
```

Sample: 40N:30s
Well Location: H1
Created: Monday, March 18, 2019 1:30:02 PM
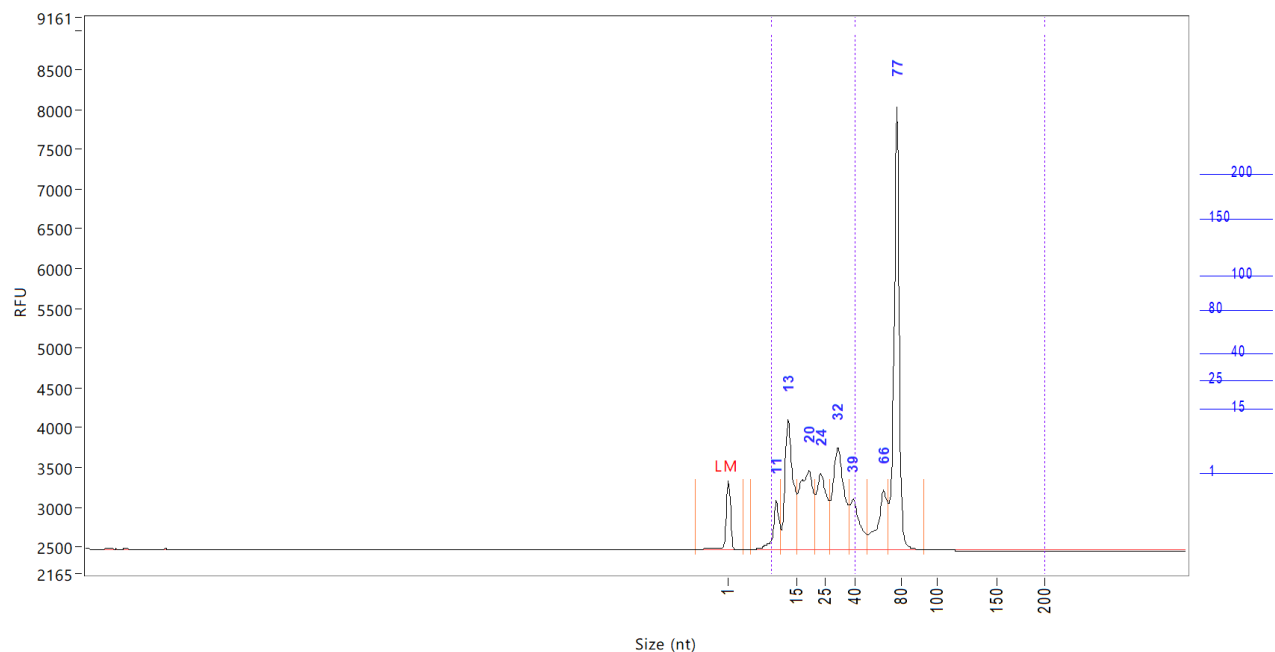
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	858
2	11	0.5431	6	12	610
3	13	1.8425	12	16	1644
4	20	1.7584	16	21	994
5	24	1.3586	21	28	955
6	32	1.9062	28	37	1285
7	39	0.8615	37	52	634
8	66	0.9407	52	70	746
9	77	3.5405	70	94	5574

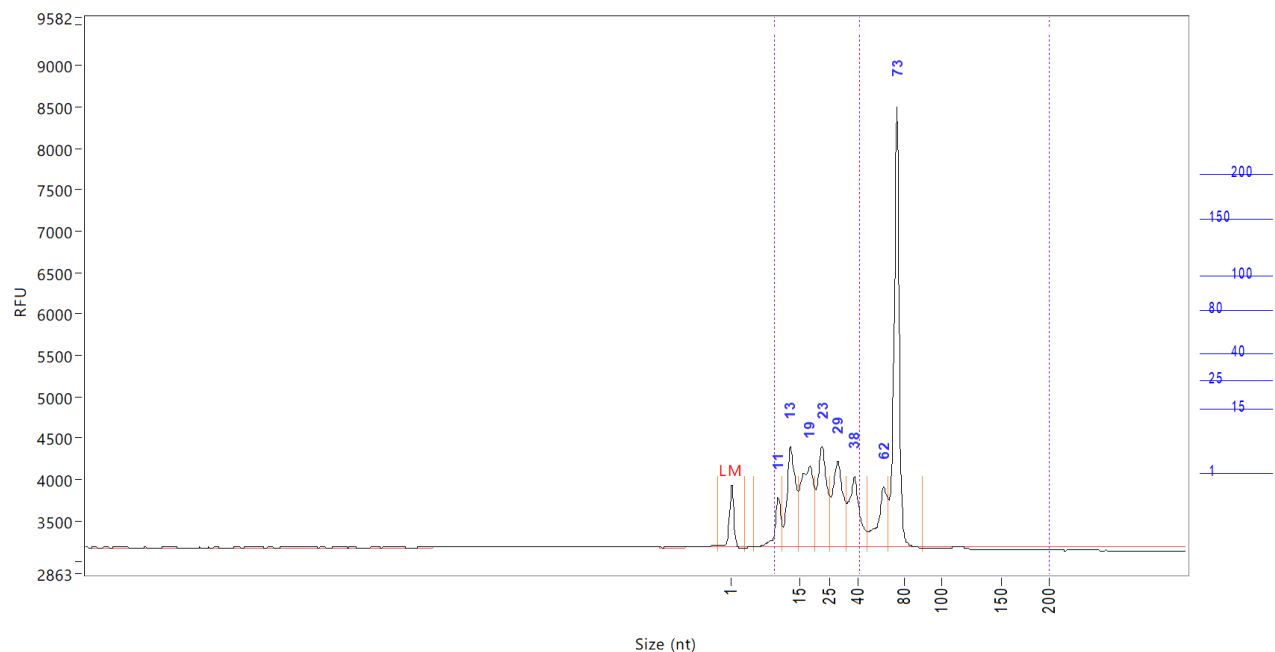|		
TIC:	12.7516	ng/uL
TIM:	1434.6353	nmole/L
Total Conc.:	12.4227	ng/uL
%microRNA	60.7	
smallRNA	12.4	ng/ul
microRNA	7.5	ng/ul

```
Sample Peak Width (sec): 3     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): 22
Manual Baseline Start (min): 12      Manual Baseline End (min): 22
Marker Peak Width (sec): 3     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder        Final Concentration (ng/uL): 0.4000          Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region        Min. Size (nt): 10      miRNA Max. Size (nt): 40       small RNA Max. Size (nt): 200
```

PROSize 3.0 3.0.1.5   Copyright 2015 Advanced Analytical Technologies, Inc.   Date Printed: 03/18/19 2:00 PM

Sample: 40N:45s
Well Location: H2
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	761
2	11	0.5989	6	11	594
3	13	2.0723	11	14	1600
4	18	2.0546	14	20	1033
5	22	1.6265	20	25	1027
6	29	2.1273	25	34	1186
7	37	1.0455	34	45	714
8	59	1.0729	45	63	737
9	70	4.2469	63	88	5561

TIC:	14.8449	ng/uL
TIM:	1808.8091	nmole/L
Total Conc.:	14.4473	ng/uL
%microRNA	62.2	
smallRNA	14.3	ng/ul
microRNA	8.9	ng/ul

Sample: 40N:1min
Well Location: H3
Created: Monday, March 18, 2019 1:30:02 PM

Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	750
2	11	0.6073	6	12	597
3	13	1.7557	12	15	1208
4	19	1.9874	15	21	979
5	23	1.8223	21	26	1217
6	29	1.6325	26	34	1029
7	38	1.3832	34	48	849
8	62	1.0645	48	67	732
9	73	4.0037	67	90	5319

TIC:	14.2565	ng/uL
TIM:	1667.1543	nmole/L
Total Conc.:	13.8787	ng/uL
%microRNA	61.3	
smallRNA	13.8	ng/ul
microRNA	8.4	ng/ul

Sample: 40N:2min
Well Location: H4
Created: Monday, March 18, 2019 1:30:02 PM
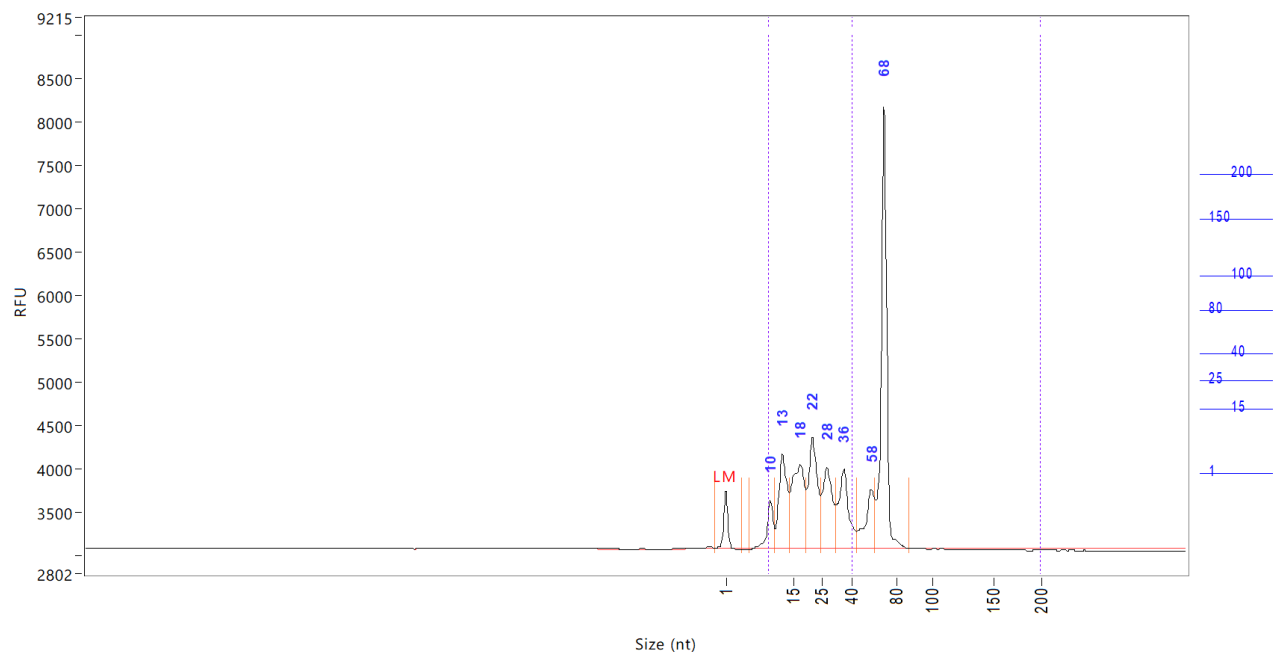
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	5	662
2	10	0.6254	6	11	560
3	13	1.7631	11	14	1087
4	18	2.2242	14	20	967
5	22	2.0731	20	24	1286
6	28	1.6779	24	32	942
7	36	1.6116	32	45	911
8	58	1.1045	45	61	684
9	68	4.5163	61	87	5099

TIC:	15.5960	ng/uL
TIM:	1867.0100	nmole/L
Total Conc.:	15.1744	ng/uL
%microRNA	62.0	
smallRNA	15.0	ng/ul
microRNA	9.3	ng/ul

Sample: 40N:3min
Well Location: H5
Created: Monday, March 18, 2019 1:30:02 PM
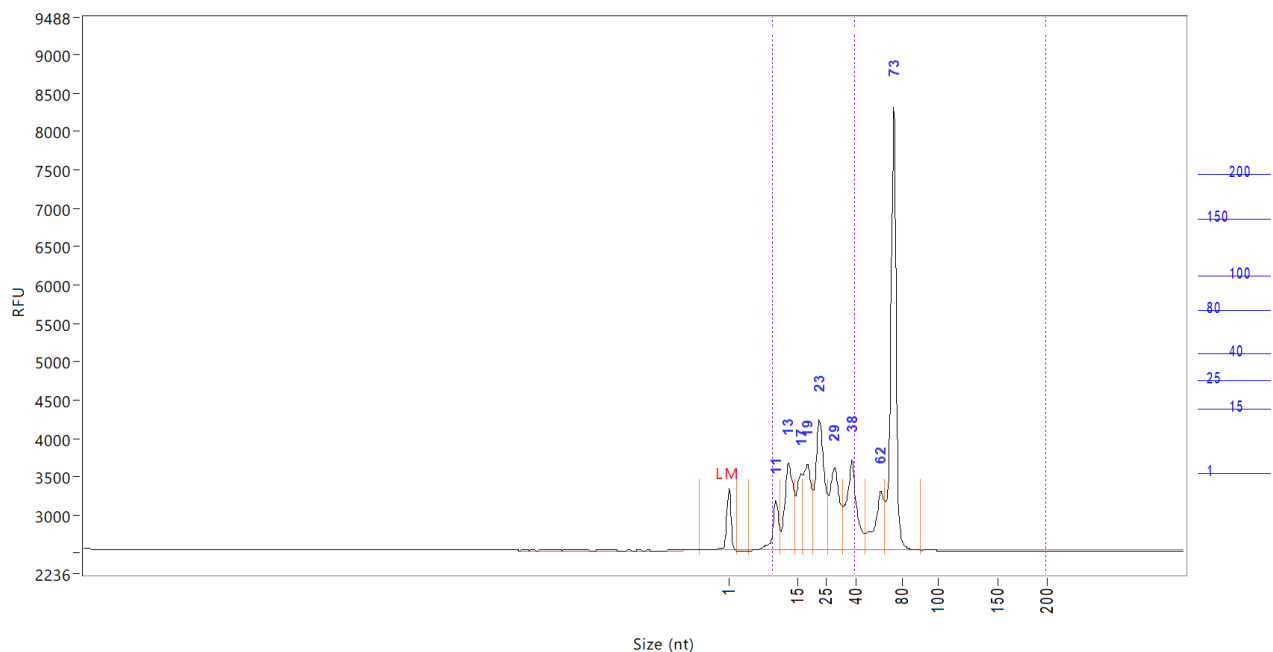
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	3	812
2	11	0.6075	5	12	646
3	13	1.5248	12	15	1142
4	17	0.8236	15	17	998
5	19	1.3005	17	21	1116
6	23	2.2467	21	26	1706
7	29	1.4371	26	34	1069
8	38	1.6589	34	48	1180
9	62	1.0031	48	66	775
10	73	3.9806	66	91	5785

|		
TIC:	14.5829	ng/uL
TIM:	1682.7411	nmole/L
Total Conc.:	14.1046	ng/uL
%microRNA	62.2	
smallRNA	14.0	ng/ul
microRNA	8.7	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 40N:5min
Well Location: H6
Created: Monday, March 18, 2019 1:30:02 PM
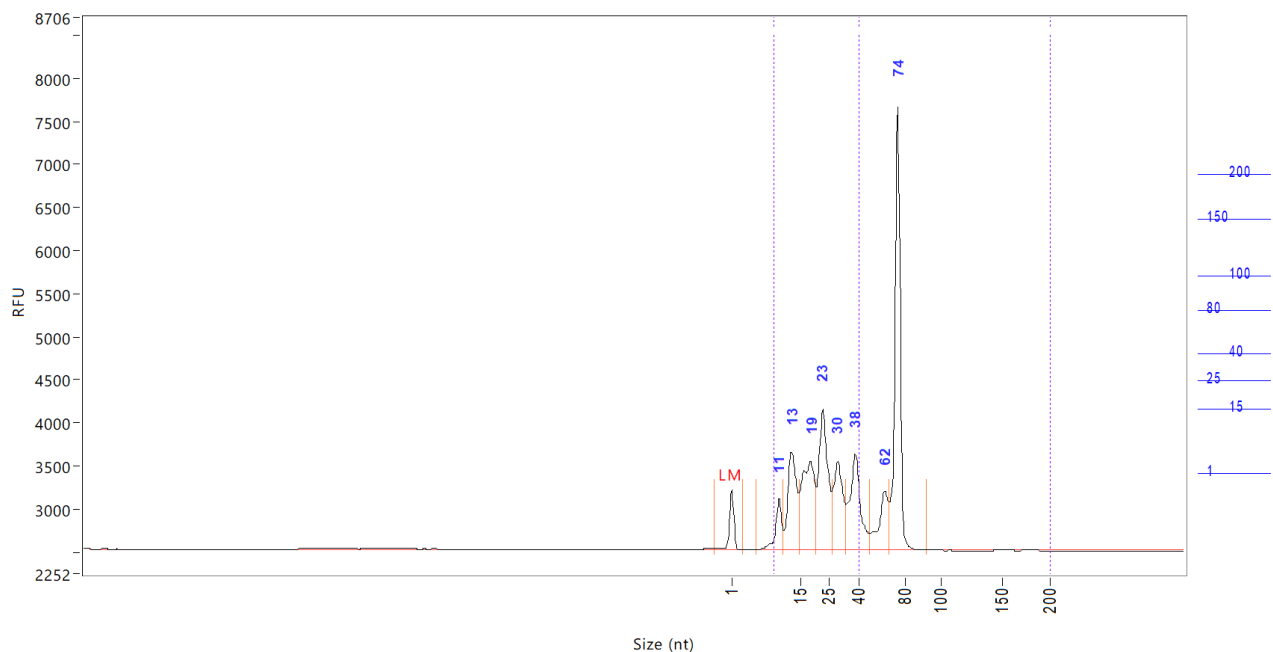
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	690
2	11	0.6539	7	12	582
3	13	1.8508	12	15	1132
4	19	2.2614	15	21	1022
5	23	2.6041	21	27	1636
6	30	1.6601	27	34	1027
7	38	1.9150	34	50	1101
8	62	1.0666	50	67	669
9	74	4.2332	67	92	5141

|		
TIC:	16.2451	ng/uL
TIM:	1888.4980	nmole/L
Total Conc.:	15.8200	ng/uL
%microRNA	63.9	
smallRNA	15.7	ng/ul
microRNA	10.0	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 40N:7min
Well Location: H7
Created: Monday, March 18, 2019 1:30:02 PM
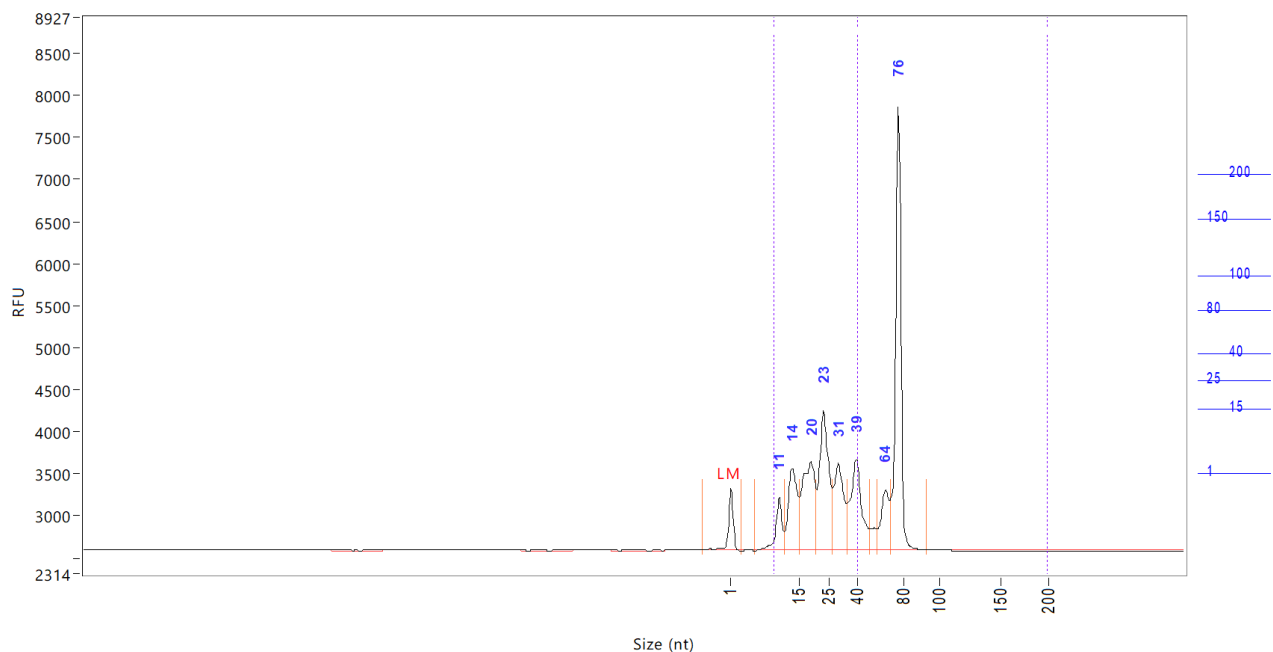
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	733
2	11	0.6414	6	12	631
3	14	1.4263	12	15	970
4	20	2.0955	15	21	1047
5	23	2.3979	21	28	1652
6	31	1.5105	28	35	1029
7	39	1.7883	35	51	1079
8	64	0.8608	57	68	716
9	76	3.9121	68	93	5275

|		
TIC:	14.6328	ng/uL
TIM:	1630.7488	nmole/L
Total Conc.:	14.4510	ng/uL
%microRNA	60.6	
smallRNA	14.4	ng/ul
microRNA	8.7	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 40N:10min
Well Location: H8
Created: Monday, March 18, 2019 1:30:02 PM
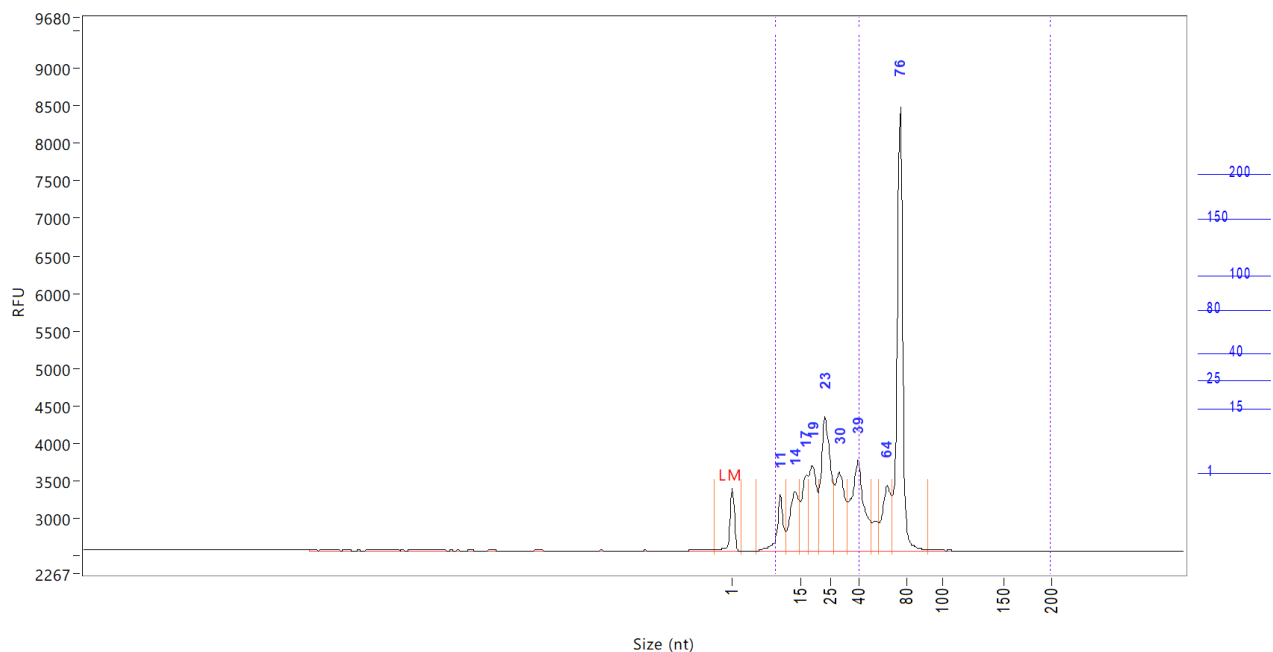
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	816
2	11	0.6915	6	12	737
3	14	1.0788	12	15	783
4	17	0.9710	15	18	1012
5	19	1.2794	18	21	1122
6	23	2.4725	21	28	1783
7	30	1.4191	28	34	1043
8	39	2.0479	34	51	1199
9	64	1.0047	56	68	871
10	76	4.1284	68	93	5917

|		
TIC:	15.0933	ng/uL
TIM:	1623.3663	nmole/L
Total Conc.:	14.8709	ng/uL
%microRNA	58.6	
smallRNA	14.8	ng/ul
microRNA	8.7	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 40N:15min
Well Location: H9
Created: Monday, March 18, 2019 1:30:02 PM
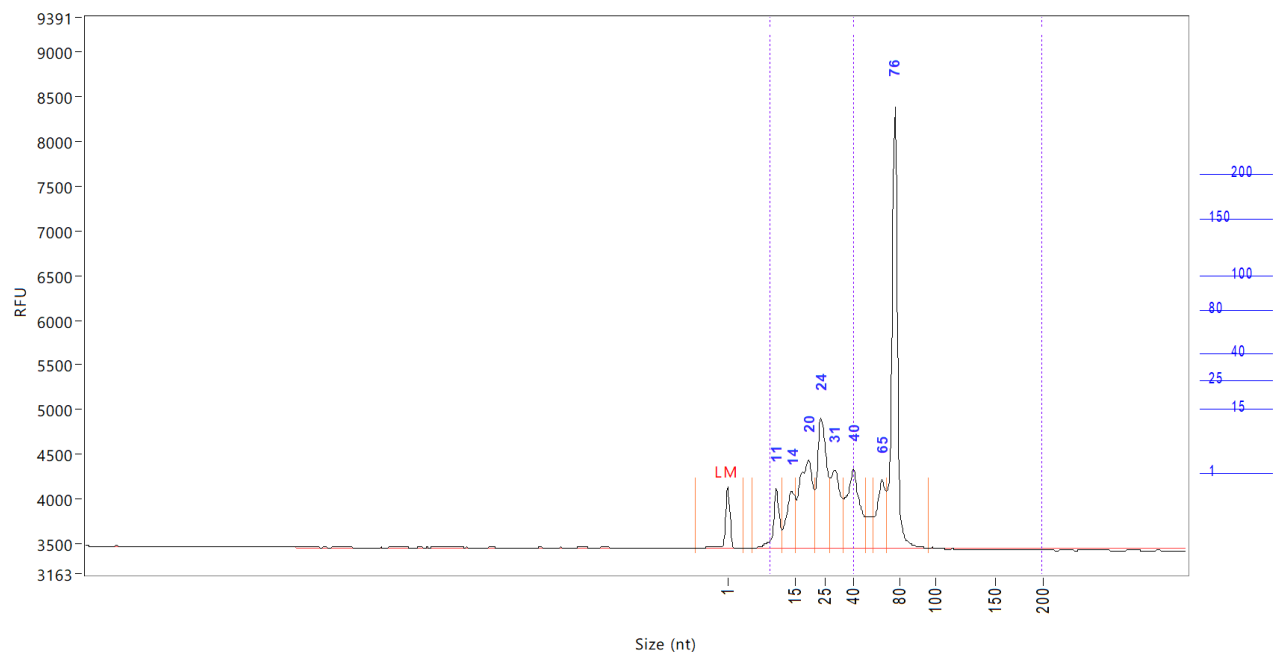
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	5	683
2	11	0.7135	7	12	663
3	14	1.0195	12	16	632
4	20	2.1763	16	22	983
5	24	2.4481	22	29	1460
6	31	1.3459	29	35	875
7	40	1.9218	35	51	889
8	65	1.0070	58	69	763
9	76	4.2002	69	96	4944

|		
TIC:	14.8323	ng/uL
TIM:	1558.8380	nmole/L
Total Conc.:	14.7548	ng/uL
%microRNA	57.1	
smallRNA	14.7	ng/ul
microRNA	8.4	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 40N:20min
Well Location: H10
Created: Monday, March 18, 2019 1:30:02 PM
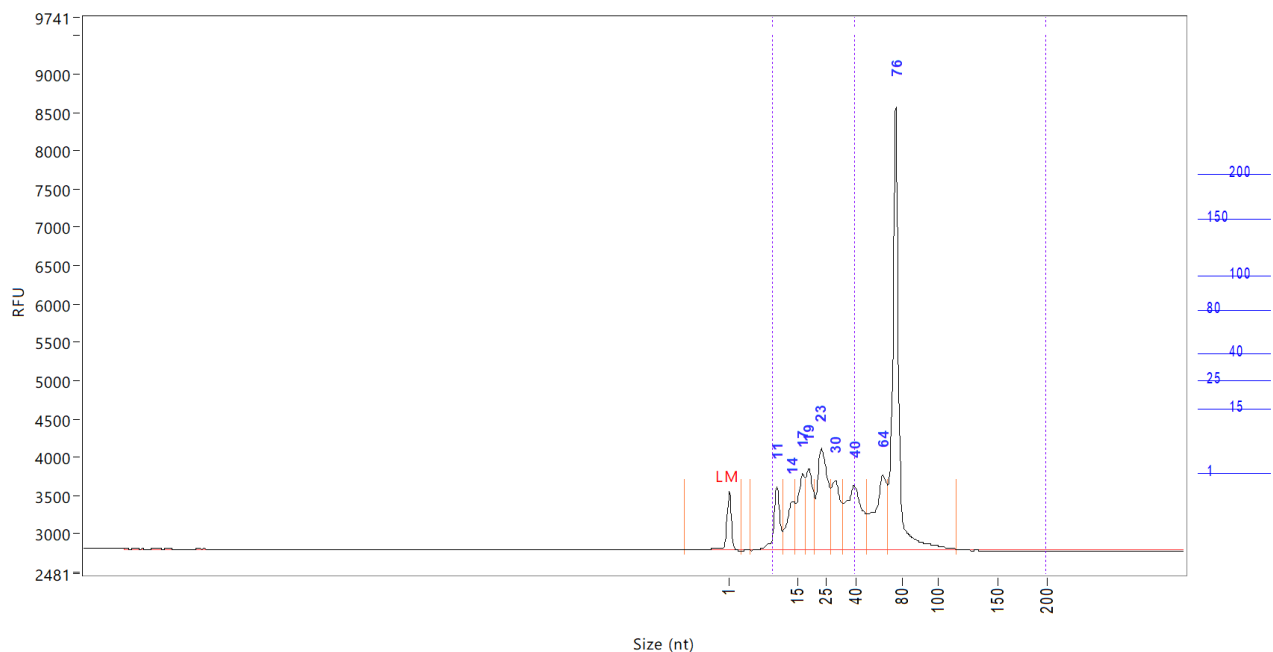
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	4	764
2	11	0.7641	6	12	827
3	14	0.8410	12	15	640
4	17	1.0257	15	18	995
5	19	1.2067	18	21	1062
6	23	2.0363	21	28	1327
7	30	1.2128	28	34	911
8	40	1.8001	34	50	846
9	64	1.6350	50	68	988
10	76	4.7188	68	116	5793

|		
TIC:	15.2404	ng/uL
TIM:	1549.9928	nmole/L
Total Conc.:	14.7288	ng/uL
%microRNA	52.1	
smallRNA	14.6	ng/ul
microRNA	7.6	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: 40N:30min
Well Location: H11
Created: Monday, March 18, 2019 1:30:02 PM
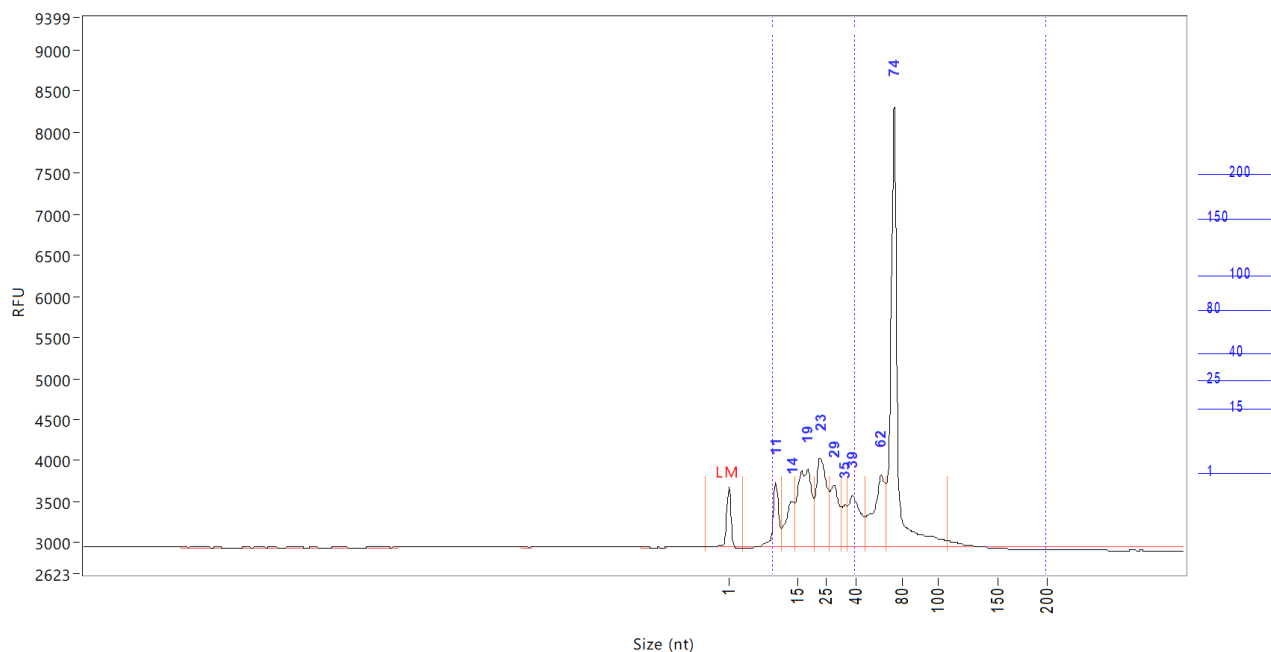
Peak	Size (nt)	Conc. (ng/uL)	From (nt)	To (nt)	RFU
1	1 (LM)	0.0569	0	4	730
2	11	0.8080	4	12	787
3	14	0.8514	12	15	558
4	19	2.1954	15	21	943
5	23	1.8605	21	27	1086
6	29	1.1437	27	33	752
7	35	0.4441	33	36	511
8	39	1.2002	36	48	631
9	62	1.6112	48	67	881
10	74	5.2884	67	109	5366

TIC:	15.4030	ng/uL
TIM:	1569.9473	nmole/L
Total Conc.:	15.0560	ng/uL
%microRNA	50.2	
smallRNA	15.0	ng/ul
microRNA	7.5	ng/ul

Sample Peak Width (sec): 3   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): 22
Manual Baseline Start (min): 12   Manual Baseline End (min): 22
Marker Peak Width (sec): 3   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 100 RFU
Ladder Size (nt): 1, 15, 25, 40, 80, 100, 150, 200
Quantification Using: Ladder   Final Concentration (ng/uL): 0.4000   Dilution Factor: 10.0
Min. RFU for Data Processing: 2
Small RNA Size Region   Min. Size (nt): 10   miRNA Max. Size (nt): 40   small RNA Max. Size (nt): 200

Sample: SampH12
Well Location: H12
Created: Monday, March 18, 2019 1:30:02 PM
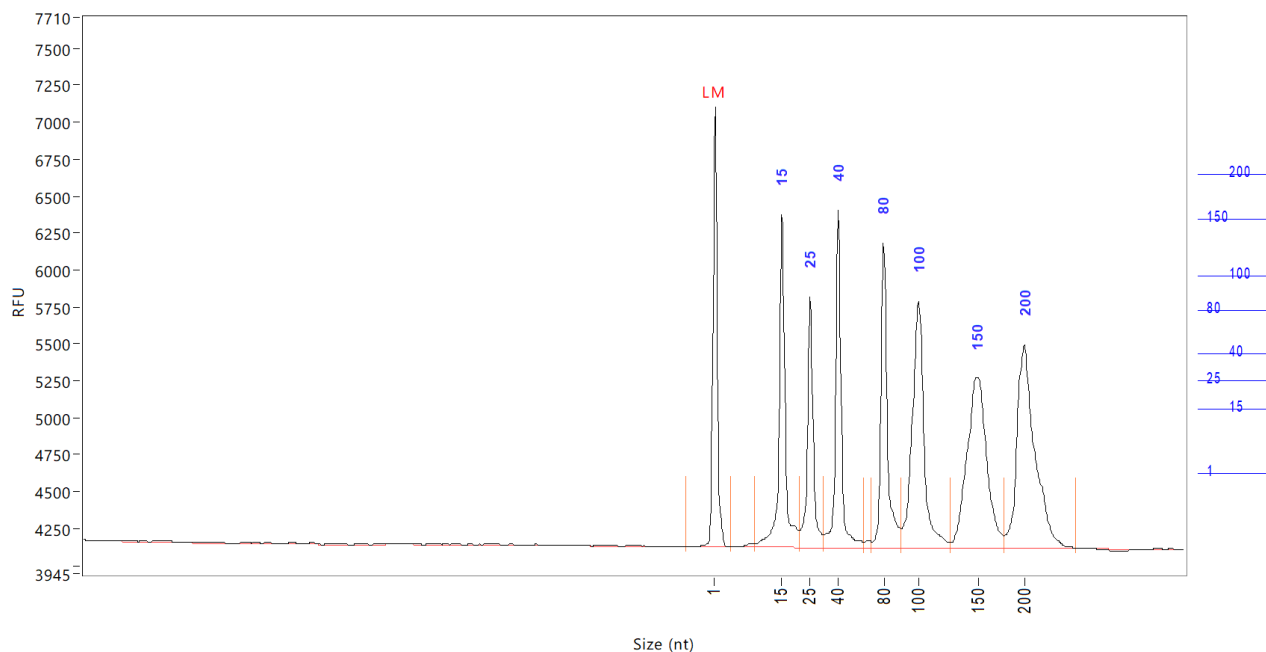
Peak	Size	Conc.	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	1 (LM)	0.0569	0	5	2982
2	15	0.5548	10	21	2253
3	25	0.3826	21	32	1694
4	40	0.4879	32	62	2286
5	80	0.4647	70	90	2061
6	100	0.6626	90	127	1667
7	150	0.7190	127	179	1155
8	200	0.7302	179	256	1382

TIC:	4.0018	ng/uL
TIM:	260.6127	nmole/L
Total Conc.:	4.0000	ng/uL

Sample: SampH12
Well Location: H12
Created: Monday, March 18, 2019 1:30:02 PM
Fit Type: Point to Point

Calibration Curve