

Accession Number: 18-341-140130

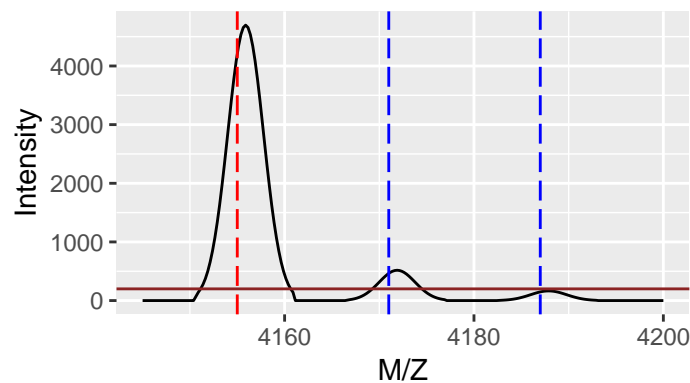
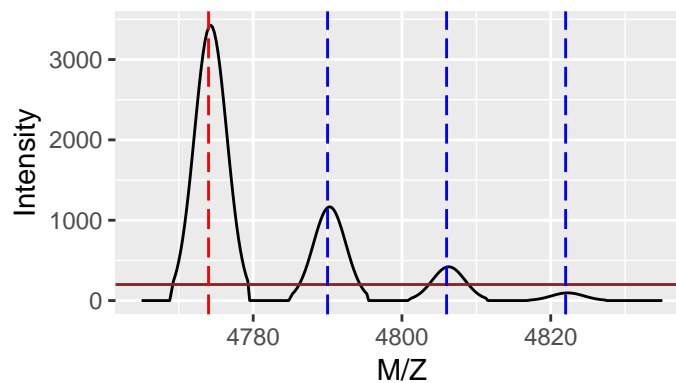
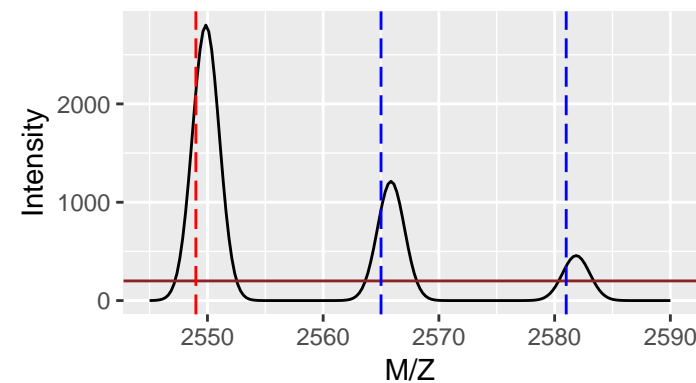
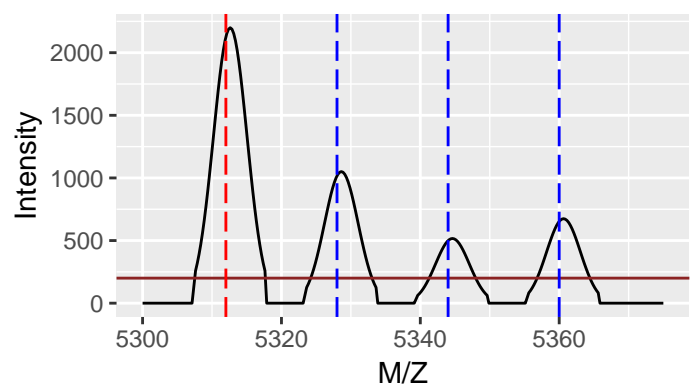
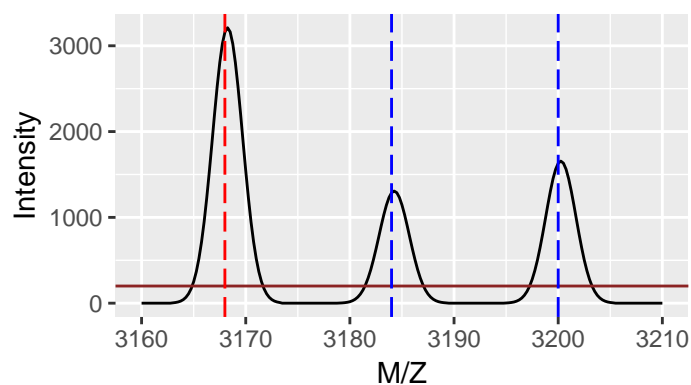
Report Date: 2018-12-16

Run Name: MGMT\_1962

Assay: MGMT/SAR Methylation

Result: Fail

Total % Methylation: 18%

MGMT CpG Sites 72 & 73  
8% MethylatedMGMT CpG Sites 74, 75, & 76  
15% MethylatedMGMT CpG Sites 77 & 78  
25% MethylatedMGMT CpG Sites 79, 80, & 81  
31% MethylatedMGMT CpG Sites 82 & 83  
38% Methylated

						Pass/Fail	QC Check
Np mean			49.25			Pass	>=10
Number of spectra			5/5			Pass	>=3/5
Warning flags			ok			Pass	ok
CpG unit # (CpGs/unit)	1 (2)	2 (3)	3 (2)	4 (3)	5 (2)		
Sum of peak(s) intensity per unit	5378	5112	4471	4441	6173	Pass	>=600 for each unit
Methylation value per unit (%)	8%	15%	25%	31%	38%	Pass	Calculated
Total methylation from MGMT and SAR			18%			Pass	Calculated

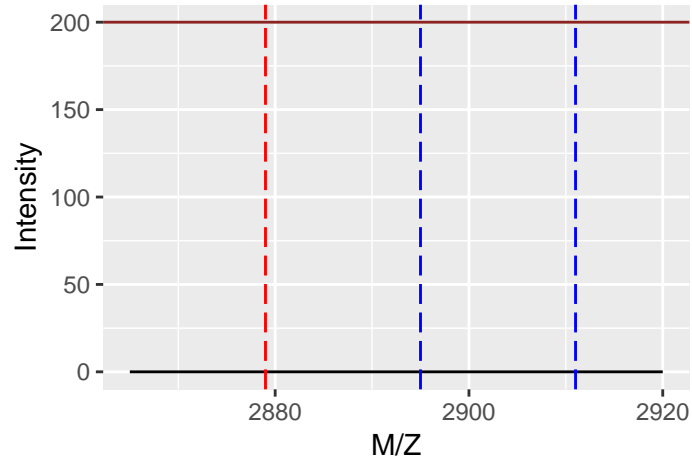
Accession Number: 18–341–140130    Report Date: 2018–12–16    Run Name: MGMT\_1962

Assay: MGMT/SAR Methylation

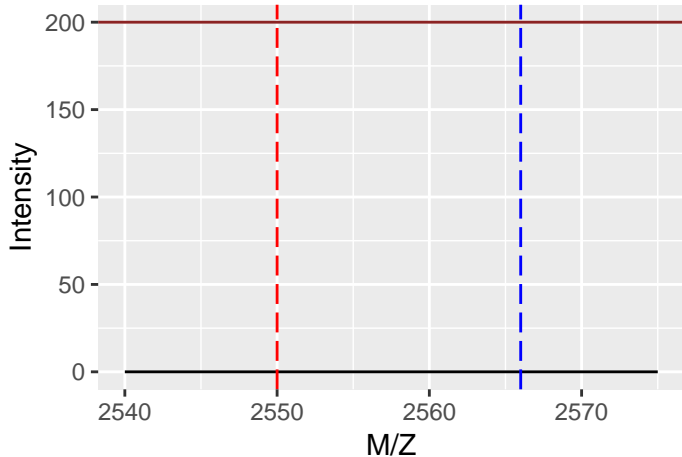
Result: Fail

Total % Methylation: 18%

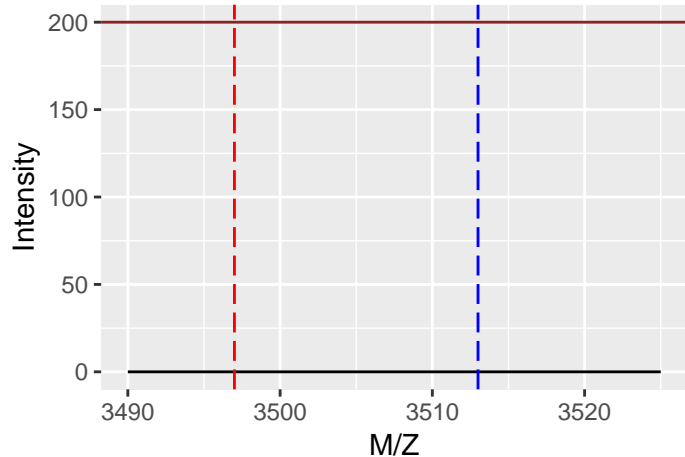
SAR CpG Sites 88 & 89  
0% Methylated



SAR CpG Site 87  
0% Methylated



SAR CpG Site 86  
0% Methylated



				Pass/Fail	QC Check
Np mean		0		Fail	>=10
Number of spectra		0/5		Fail	>=3/5
Warning flags		bad recal.		Fail	ok
CpG unit # (CpGs/unit)	1 (2)	2 (1)	3 (1)		
Sum of peak(s) intensity per unit	0	0	0	Fail	>=600 for each unit
Methylation value per unit (%)	0%	0%	0%	Review	Calculated
Total methylation from MGMT and SAR		18%		Pass	Calculated

If...	Then...
Total % methylation is 0 – 9%	The sample is reported as NOT DETECTED for MGMT promoter methylation
Total % methylation is 10 – 29%	The sample is reported as LOW LEVEL for MGMT promoter methylation
Total % methylation is 30 – 100%	The sample is reported as DETECTED for MGMT promoter methylation

Control	Percent Methylation	Pass/Fail
Non–methylated Control	0–9%	Pass
20% Methylated Control	10–40%	Pass
100% Methylated Control	90–100%	Pass
NTC	np mean <10	Pass