

Accession Number: 18-344-401303

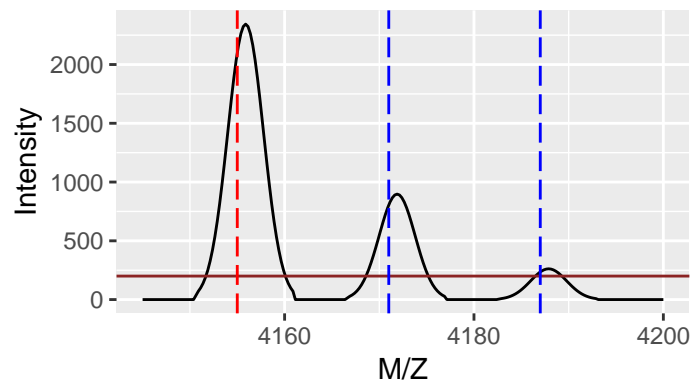
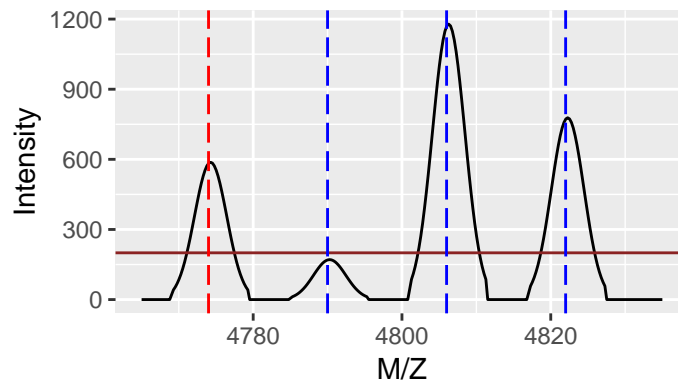
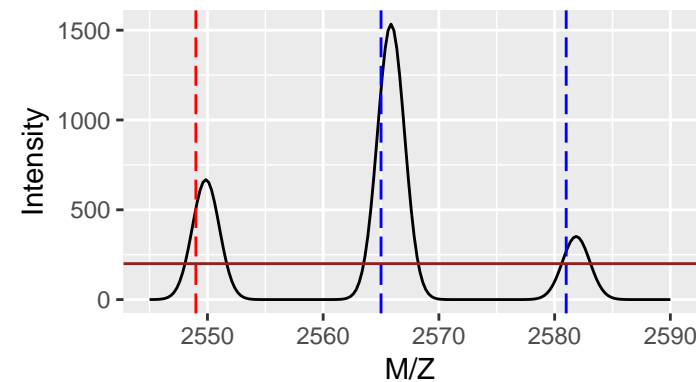
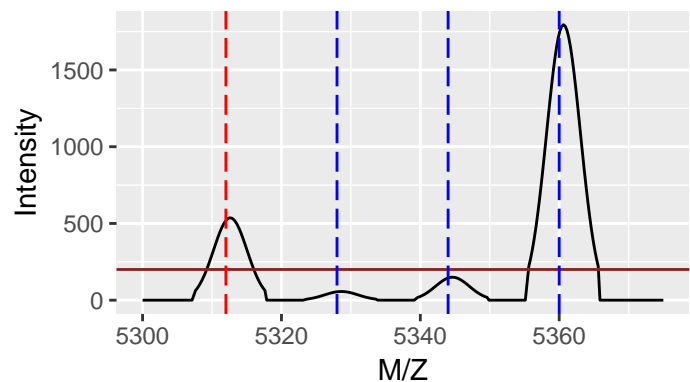
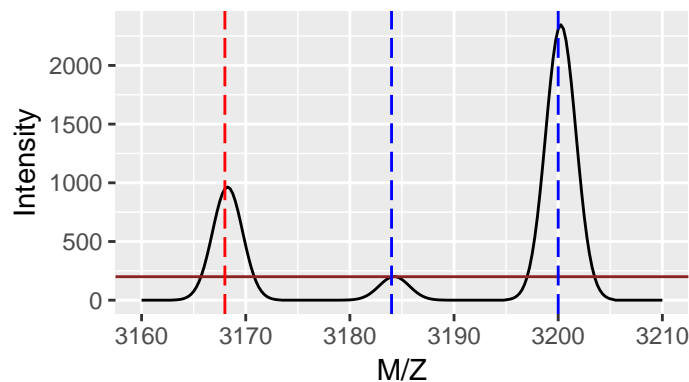
Report Date: 2018-12-16

Run Name: MGMT\_1962

Assay: MGMT/SAR Methylation

Result: Detected

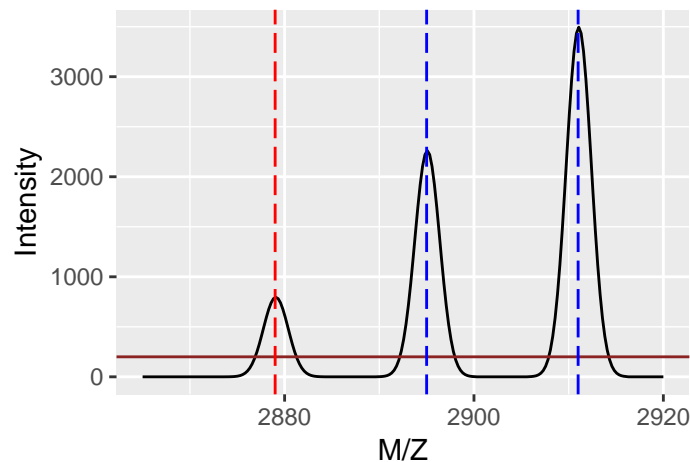
Total % Methylation: 62%

MGMT CpG Sites 72 & 73  
20% MethylatedMGMT CpG Sites 74, 75, & 76  
59% MethylatedMGMT CpG Sites 77 & 78  
45% MethylatedMGMT CpG Sites 79, 80, & 81  
75% MethylatedMGMT CpG Sites 82 & 83  
70% Methylated

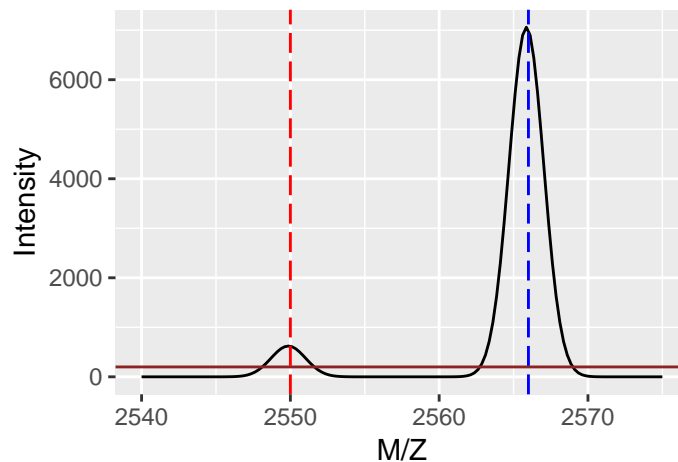
						Pass/Fail	QC Check
Np mean			36.32			Pass	>=10
Number of spectra			4/5			Pass	>=3/5
Warning flags			ok			Pass	ok
CpG unit # (CpGs/unit)	1 (2)	2 (3)	3 (2)	4 (3)	5 (2)		
Sum of peak(s) intensity per unit	3503	2715	2553	2538	3512	Pass	>=600 for each unit
Methylation value per unit (%)	20%	59%	45%	75%	70%	Pass	Calculated
Total methylation from MGMT and SAR			62%			Pass	Calculated

Accession Number: 18–344–401303	Report Date: 2018–12–16	Run Name: MGMT_1962
Assay: MGMT/SAR Methylation	Result: Detected	Total % Methylation: 62%

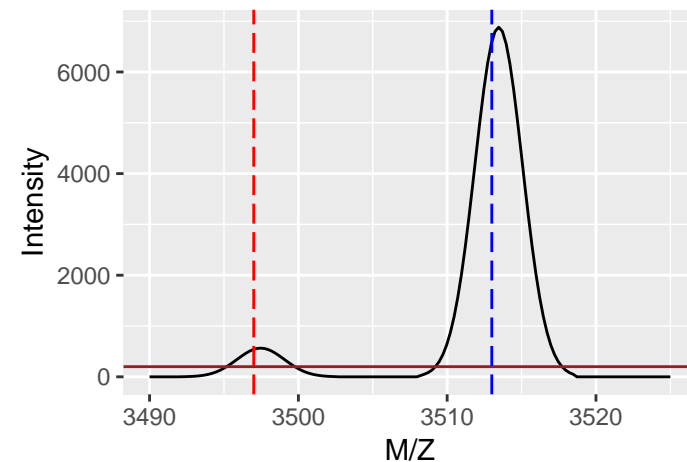
SAR CpG Sites 88 & 89  
70% Methylated



SAR CpG Site 87  
92% Methylated



SAR CpG Site 86  
92% Methylated



				Pass/Fail	QC Check
Np mean		38.17		Pass	>=10
Number of spectra		5/5		Pass	>=3/5
Warning flags		ok		Pass	ok
CpG unit # (CpGs/unit)	1 (2)	2 (1)	3 (1)		
Sum of peak(s) intensity per unit	6551	7682	7445	Pass	>=600 for each unit
Methylation value per unit (%)	70%	92%	92%	Pass	Calculated
Total methylation from MGMT and SAR		62%		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