

Accession Number: 18-337-402089

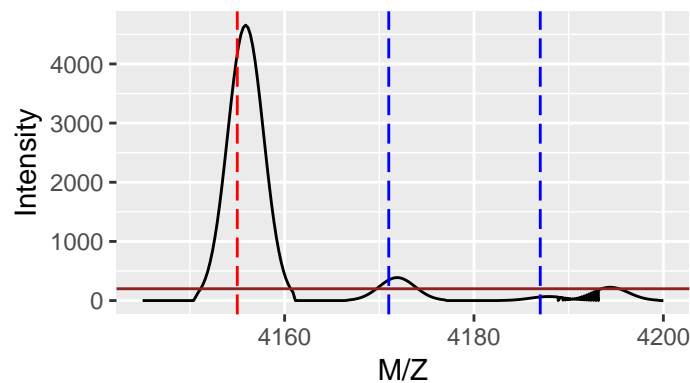
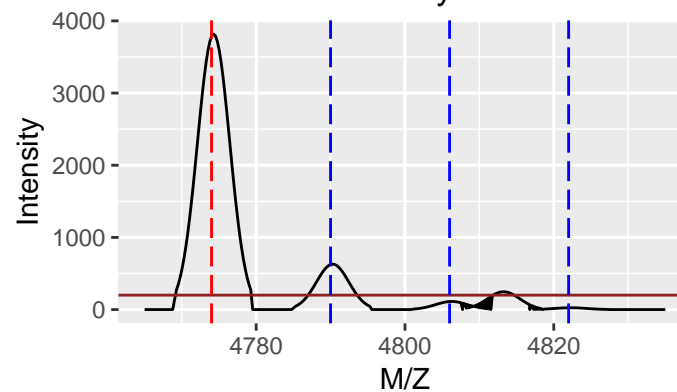
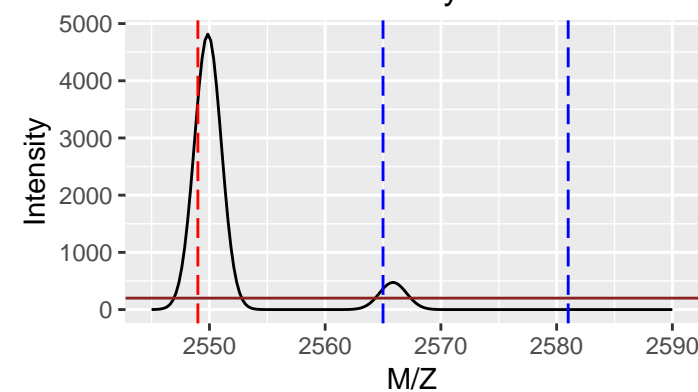
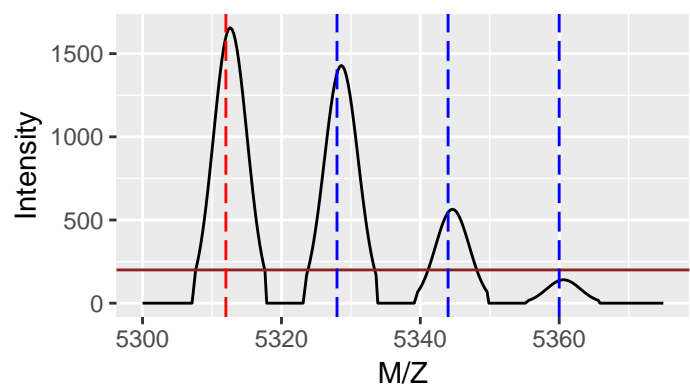
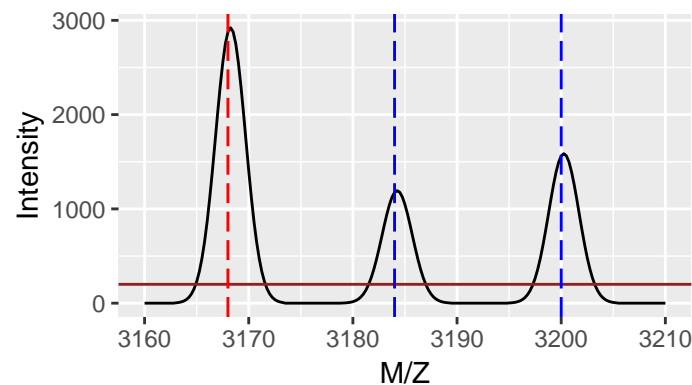
Report Date: 2018-12-16

Run Name: MGMT_1962

Assay: MGMT/SAR Methylation

Result: Low-level Methylation

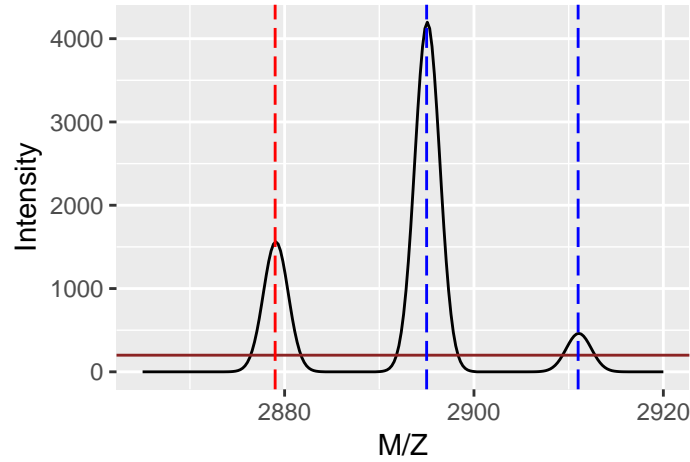
Total % Methylation: 27%

MGMT CpG Sites 72 & 73
5% MethylatedMGMT CpG Sites 74, 75, & 76
7% MethylatedMGMT CpG Sites 77 & 78
4% MethylatedMGMT CpG Sites 79, 80, & 81
26% MethylatedMGMT CpG Sites 82 & 83
39% Methylated

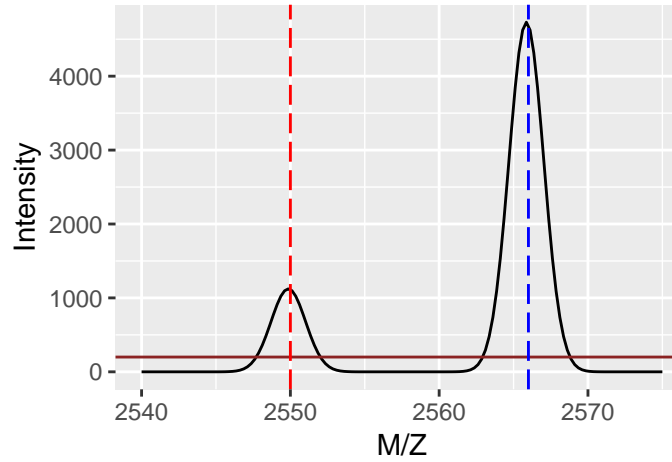
						Pass/Fail	QC Check
Np mean			45.49			Pass	>=10
Number of spectra			4/5			Pass	>=3/5
Warning flags			ok			Pass	ok
CpG unit # (CpGs/unit)	1 (2)	2 (3)	3 (2)	4 (3)	5 (2)		
Sum of peak(s) intensity per unit	5338	4830	5291	3790	5701	Pass	>=600 for each unit
Methylation value per unit (%)	5%	7%	4%	26%	39%	Pass	Calculated
Total methylation from MGMT and SAR			27%			Pass	Calculated

Accession Number: 18–337–402089	Report Date: 2018–12–16	Run Name: MGMT_1962
Assay: MGMT/SAR Methylation	Result: Low–level Methylation	Total % Methylation: 27%

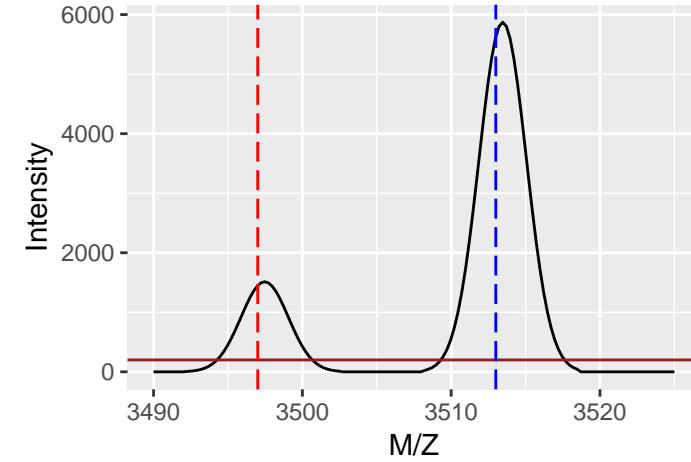
SAR CpG Sites 88 & 89
41% Methylated



SAR CpG Site 87
81% Methylated



SAR CpG Site 86
79% Methylated



				Pass/Fail	QC Check
Np mean		42.76		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	6220	5853	7385	Pass	>=600 for each unit
Methylation value per unit (%)	41%	81%	79%	Pass	Calculated
Total methylation from MGMT and SAR		27%		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