

Accession Number: 18-344-401335

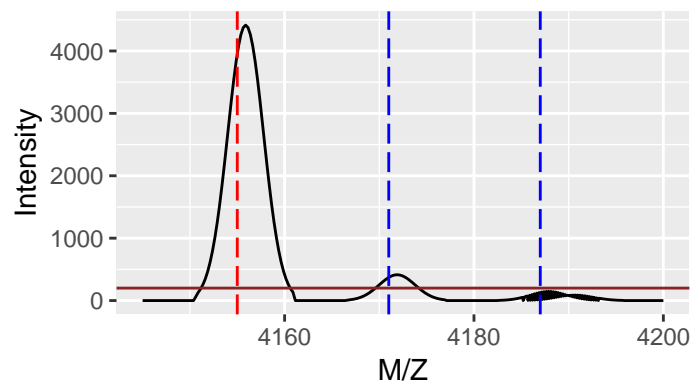
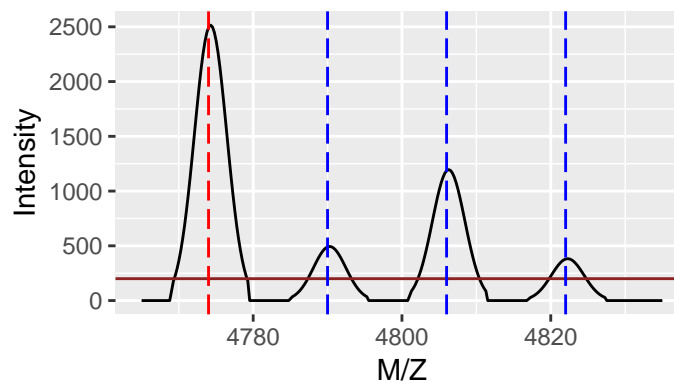
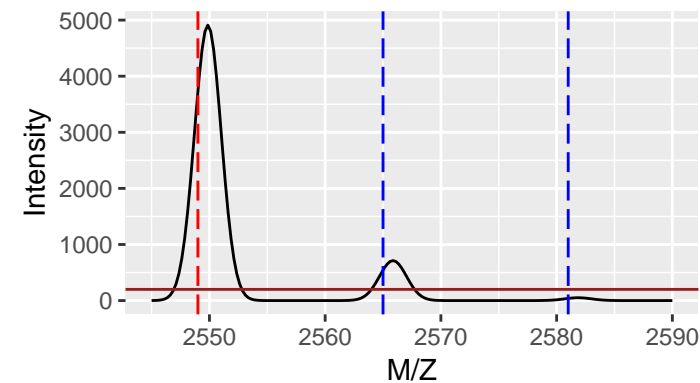
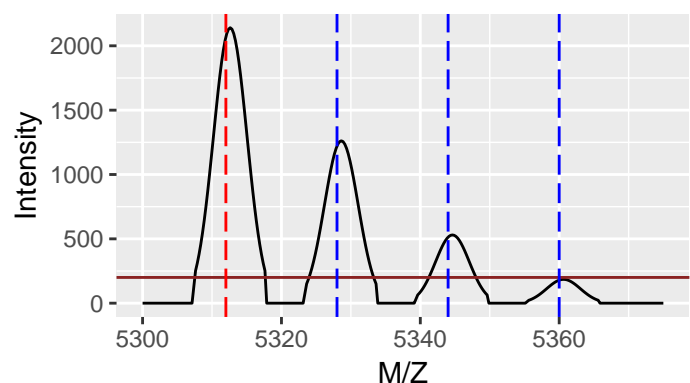
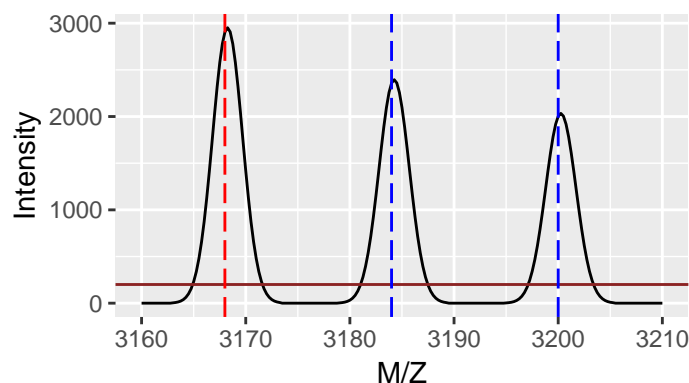
Report Date: 2018-12-16

Run Name: MGMT\_1962

Assay: MGMT/SAR Methylation

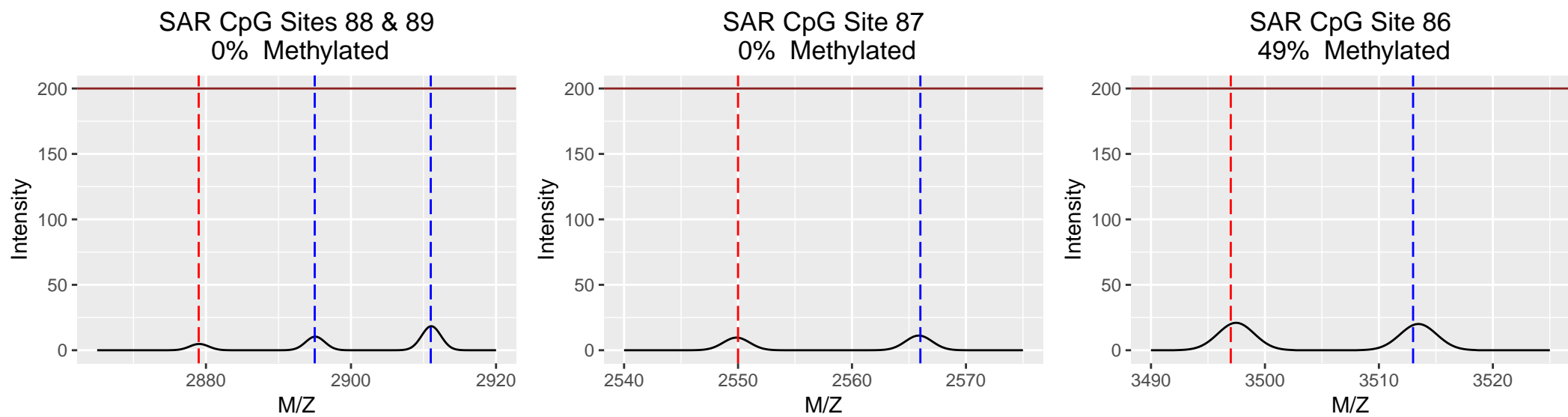
Result: Fail

Total % Methylation: 20%

MGMT CpG Sites 72 & 73  
7% MethylatedMGMT CpG Sites 74, 75, & 76  
30% MethylatedMGMT CpG Sites 77 & 78  
7% MethylatedMGMT CpG Sites 79, 80, & 81  
23% MethylatedMGMT CpG Sites 82 & 83  
44% Methylated

						Pass/Fail	QC Check
Np mean			53.79			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	5066	4588	5673	4118	7380	Pass	>=600 for each unit
Methylation value per unit (%)	7%	30%	7%	23%	44%	Pass	Calculated
Total methylation from MGMT and SAR			20%			Pass	Calculated

Accession Number: 18–344–401335	Report Date: 2018–12–16	Run Name: MGMT_1962
Assay: MGMT/SAR Methylation	Result: Fail	Total % Methylation: 20%



				Pass/Fail	QC Check
Np mean		2.76		Fail	>=10
Number of spectra		1/5		Fail	>=3/5
Warning flags		ok		Pass	ok
CpG unit # (CpGs/unit)	1 (2)	2 (1)	3 (1)		
Sum of peak(s) intensity per unit	34	21	41	Fail	>=600 for each unit
Methylation value per unit (%)	0%	0%	49%	Review	Calculated
Total methylation from MGMT and SAR		20%		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