

Accession Number: 18-331-148543

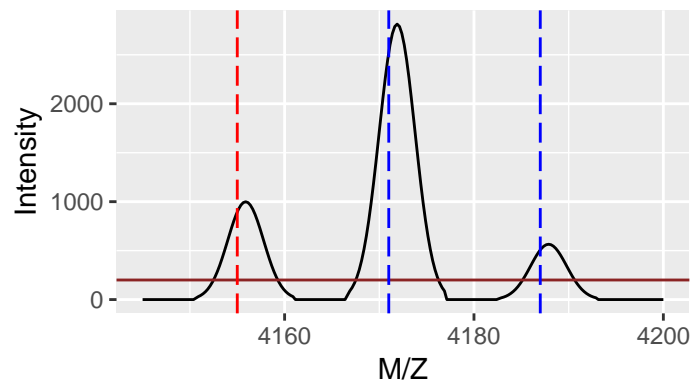
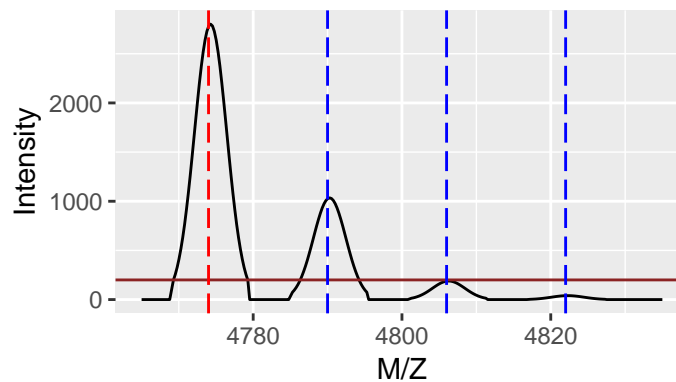
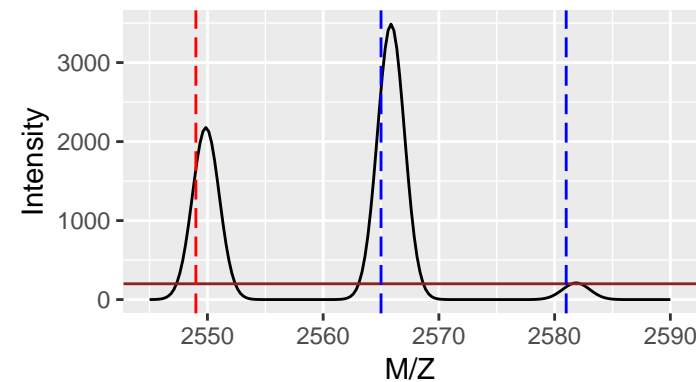
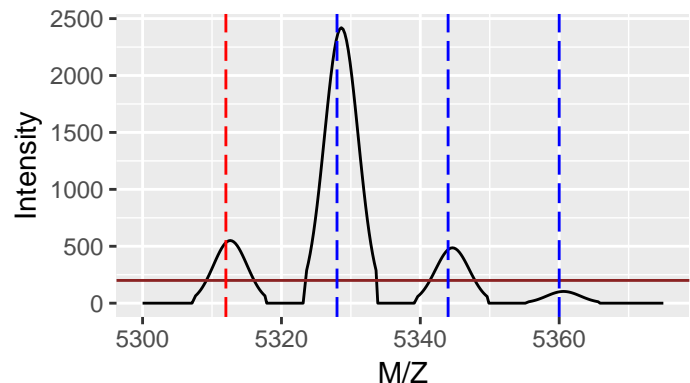
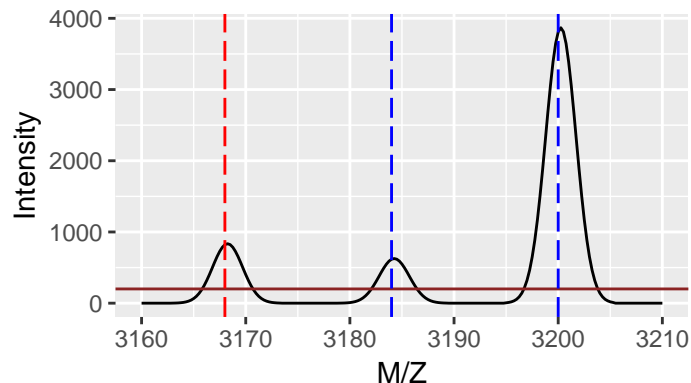
Report Date: 2018-12-16

Run Name: MGMT_1962

Assay: MGMT/SAR Methylation

Result: Detected

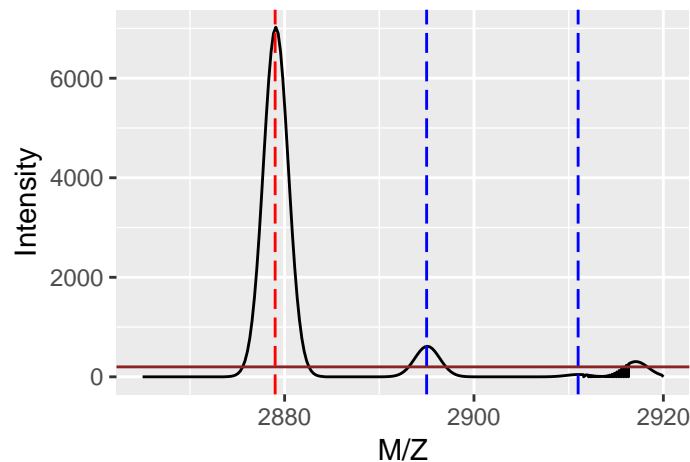
Total % Methylation: 40%

MGMT CpG Sites 72 & 73
45% MethylatedMGMT CpG Sites 74, 75, & 76
12% MethylatedMGMT CpG Sites 77 & 78
33% MethylatedMGMT CpG Sites 79, 80, & 81
35% MethylatedMGMT CpG Sites 82 & 83
79% Methylated

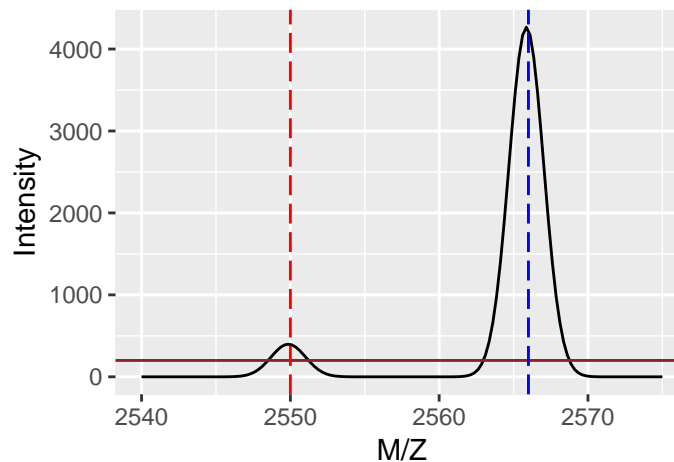
						Pass/Fail	QC Check
Np mean			41.55			Pass	>=10
Number of spectra			5/5			Pass	>=3/5
Warning flags			ok			Pass	ok
CpG unit # (CpGs/unit)	1 (2)	2 (3)	3 (2)	4 (3)	5 (2)		
Sum of peak(s) intensity per unit	4377	4065	5876	3560	5329	Pass	>=600 for each unit
Methylation value per unit (%)	45%	12%	33%	35%	79%	Pass	Calculated
Total methylation from MGMT and SAR			40%			Pass	Calculated

Accession Number: 18-331-148543	Report Date: 2018-12-16	Run Name: MGMT_1962
Assay: MGMT/SAR Methylation	Result: Detected	Total % Methylation: 40%

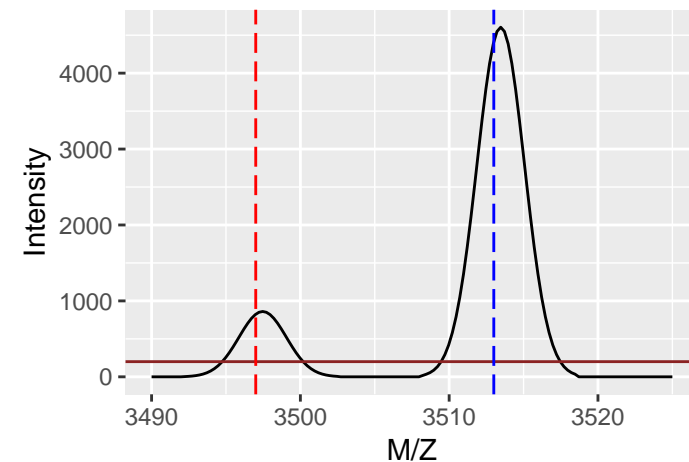
SAR CpG Sites 88 & 89
5% Methylated



SAR CpG Site 87
91% Methylated



SAR CpG Site 86
84% Methylated



				Pass/Fail	QC Check
Np mean		38.71		Pass	>=10
Number of spectra		4/5		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	7991	4665	5466	Pass	>=600 for each unit
Methylation value per unit (%)	5%	91%	84%	Pass	Calculated
Total methylation from MGMT and SAR		40%		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