

Accession Number: 18-309-149786

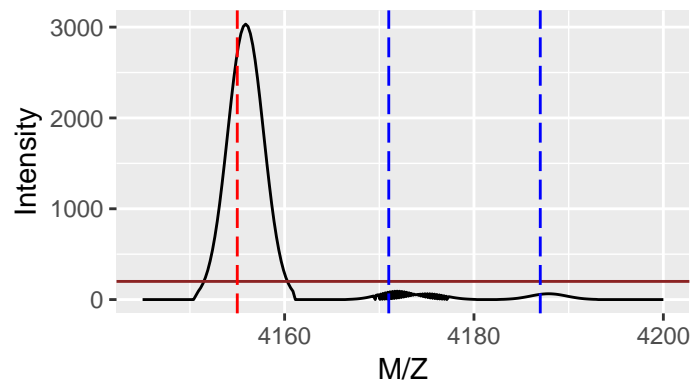
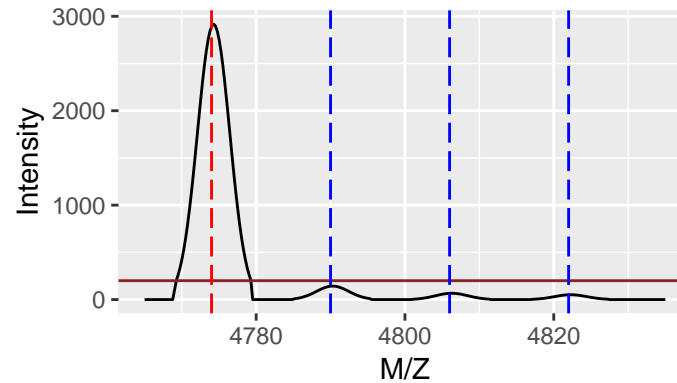
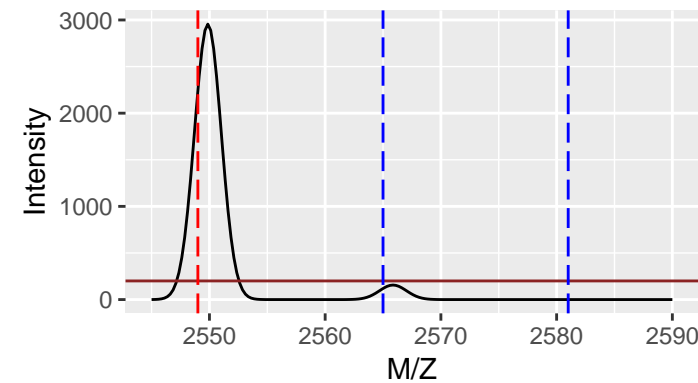
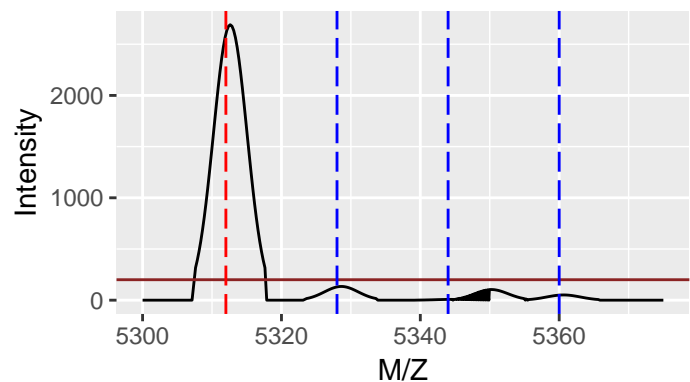
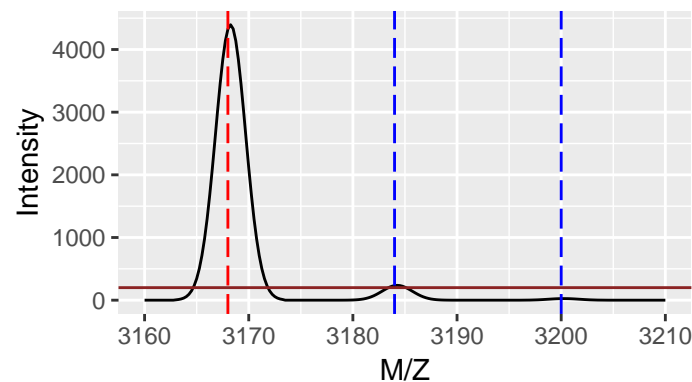
Report Date: 2018-12-16

Run Name: MGMT_1962

Assay: MGMT/SAR Methylation

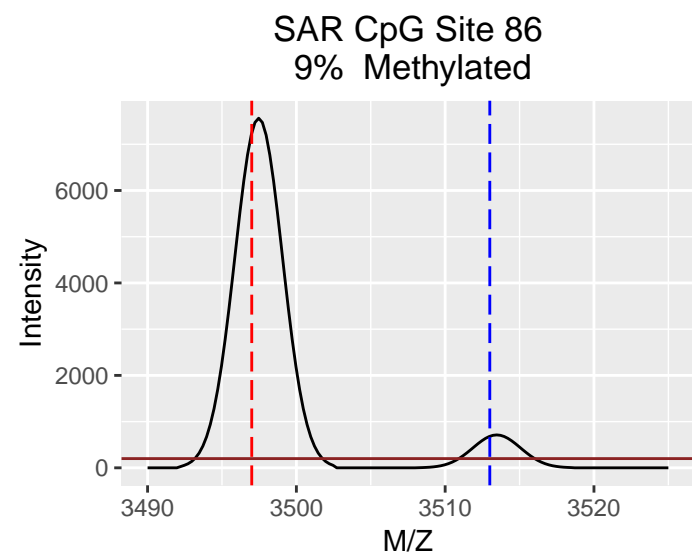
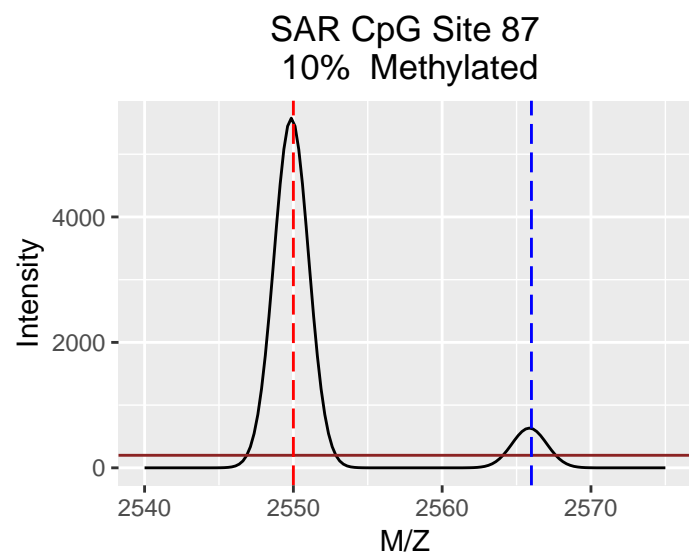
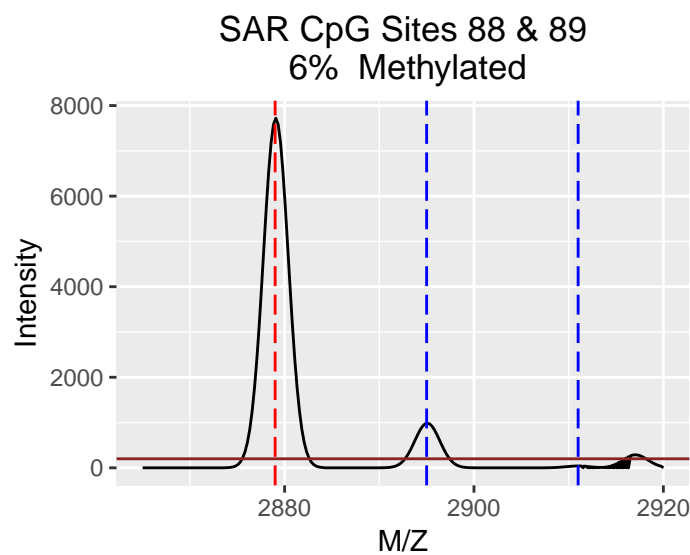
Result: Not Detected

Total % Methylation: 5%

MGMT CpG Sites 72 & 73
3% MethylatedMGMT CpG Sites 74, 75, & 76
5% MethylatedMGMT CpG Sites 77 & 78
3% MethylatedMGMT CpG Sites 79, 80, & 81
4% MethylatedMGMT CpG Sites 82 & 83
3% Methylated

						Pass/Fail	QC Check
Np mean			36.25			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	3255	3178	3111	2987	4657	Pass	>=600 for each unit
Methylation value per unit (%)	3%	5%	3%	4%	3%	Pass	Calculated
Total methylation from MGMT and SAR			5%			Pass	Calculated

Accession Number: 18–309–149786	Report Date: 2018–12–16	Run Name: MGMT_1962
Assay: MGMT/SAR Methylation	Result: Not Detected	Total % Methylation: 5%



				Pass/Fail	QC Check
Np mean		43.07		Pass	≥ 10
Number of spectra		5/5		Pass	$\geq 3/5$
Warning flags		ok		Pass	ok
CpG unit # (CpGs/unit)	1 (2)	2 (1)	3 (1)		
Sum of peak(s) intensity per unit	9037	6208	8276	Pass	≥ 600 for each unit
Methylation value per unit (%)	6%	10%	9%	Pass	Calculated
Total methylation from MGMT and SAR		5%		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