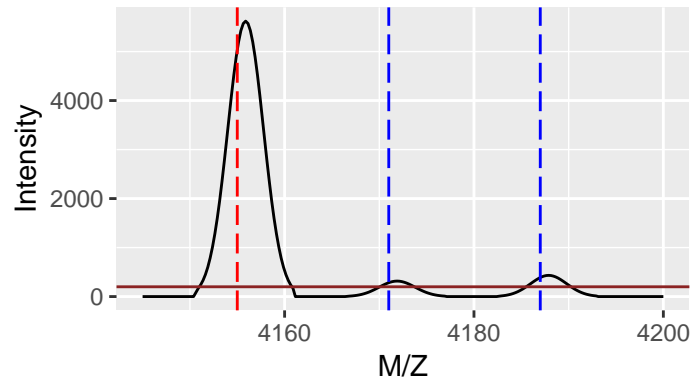
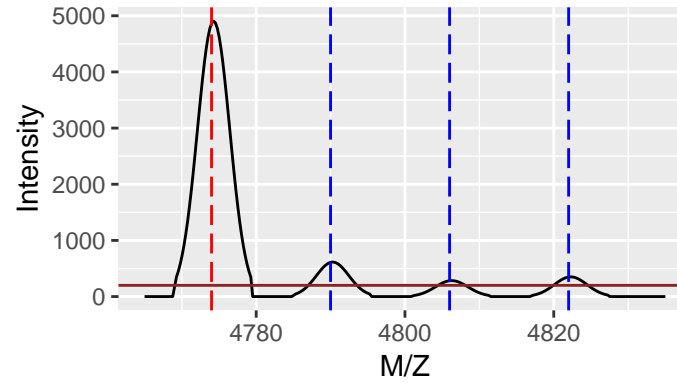


Accession Number: 18-275-148261	Report Date: 2018-12-16	Run Name: MGMT_1962
Assay: MGMT/SAR Methylation	Result: Low-level Methylation	Total % Methylation: 17%

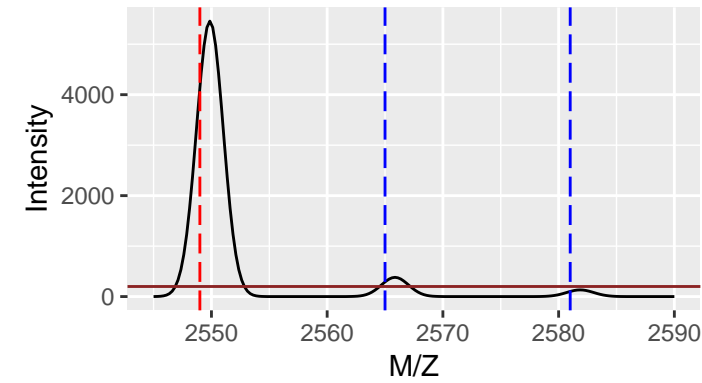
MGMT CpG Sites 72 & 73  
9% Methylated



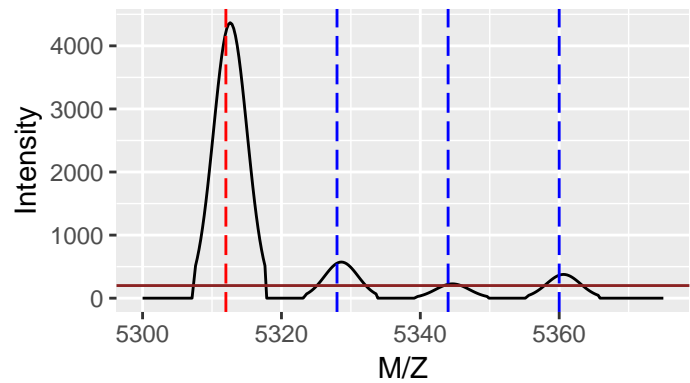
MGMT CpG Sites 74, 75, & 76  
12% Methylated



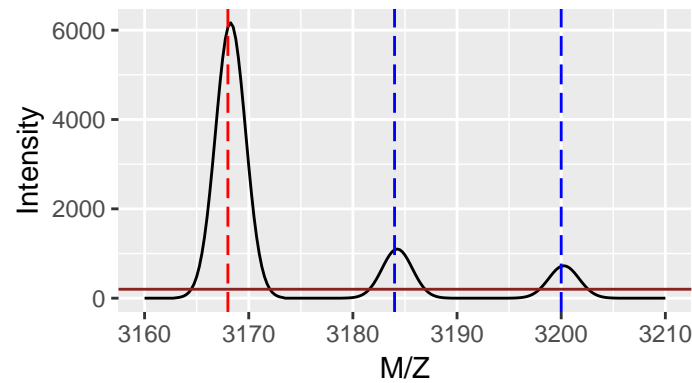
MGMT CpG Sites 77 & 78  
5% Methylated



MGMT CpG Sites 79, 80, & 81  
13% Methylated

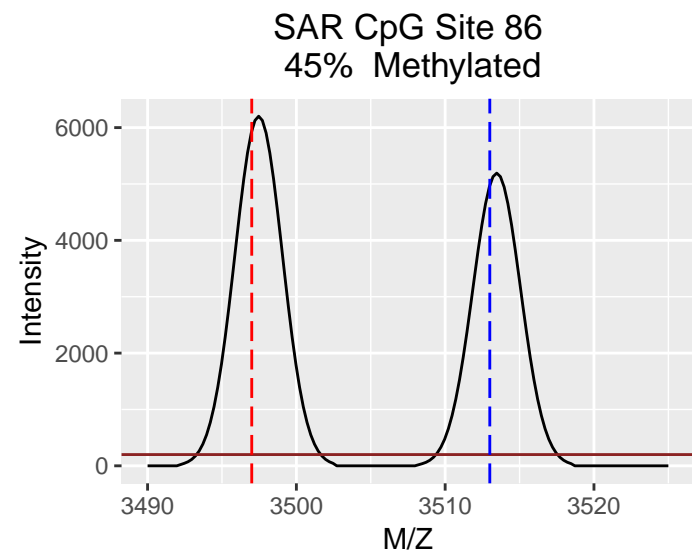
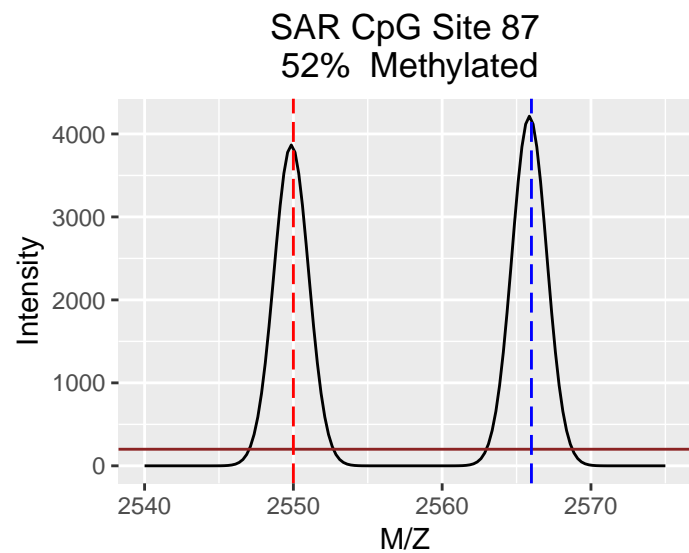
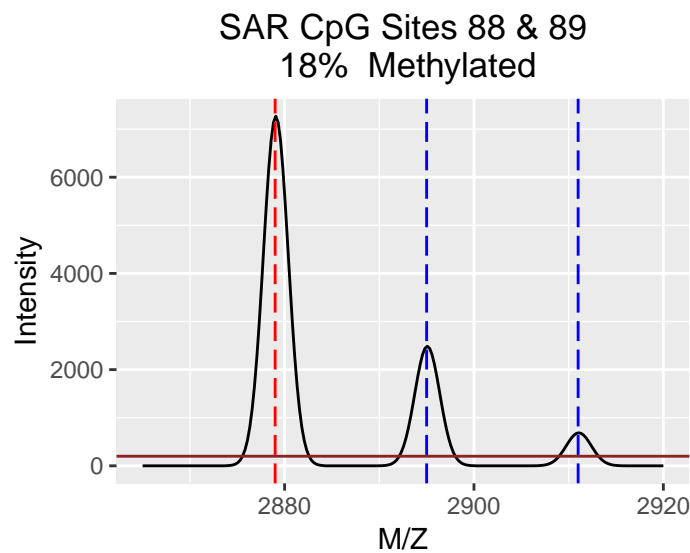


MGMT CpG Sites 82 & 83  
16% Methylated



						Pass/Fail	QC Check
Np mean			49.32			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	6370	6155	5970	5543	7993	Pass	>=600 for each unit
Methylation value per unit (%)	9%	12%	5%	13%	16%	Pass	Calculated
Total methylation from MGMT and SAR			17%			Pass	Calculated

Accession Number: 18–275–148261	Report Date: 2018–12–16	Run Name: MGMT_1962
Assay: MGMT/SAR Methylation	Result: Low–level Methylation	Total % Methylation: 17%



				Pass/Fail	QC Check
Np mean		40.95		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	10440	8081	11395	Pass	>=600 for each unit
Methylation value per unit (%)	18%	52%	45%	Pass	Calculated
Total methylation from MGMT and SAR		17%		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