

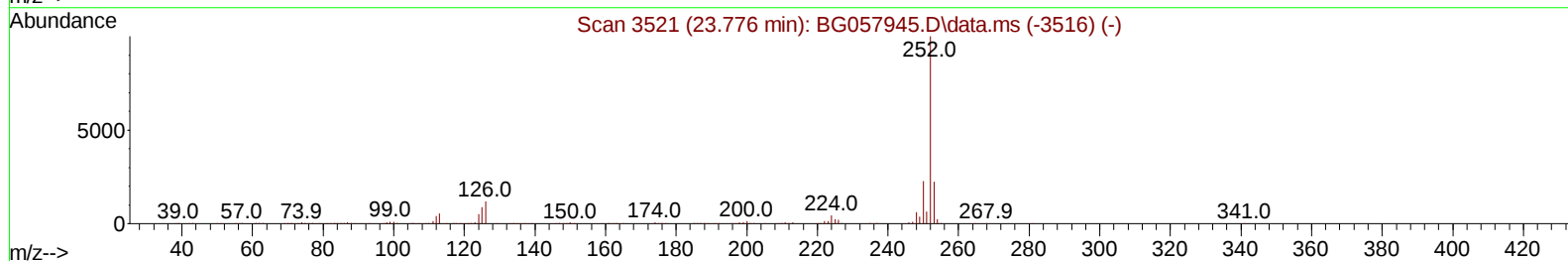
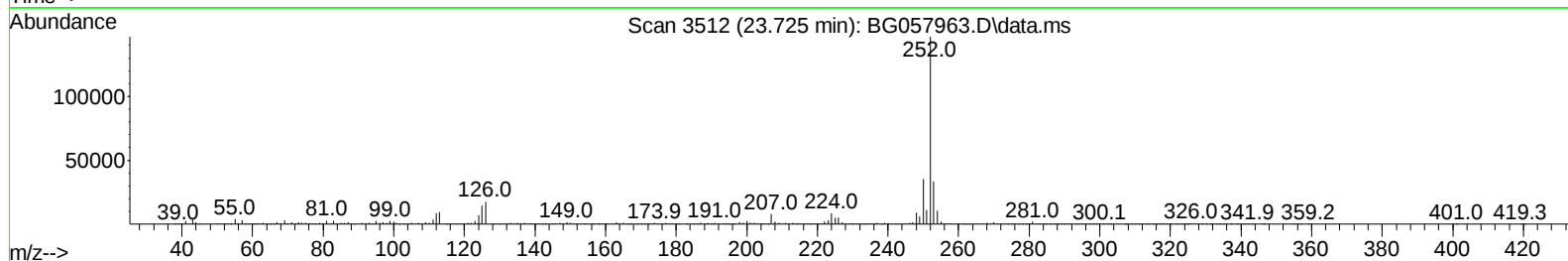
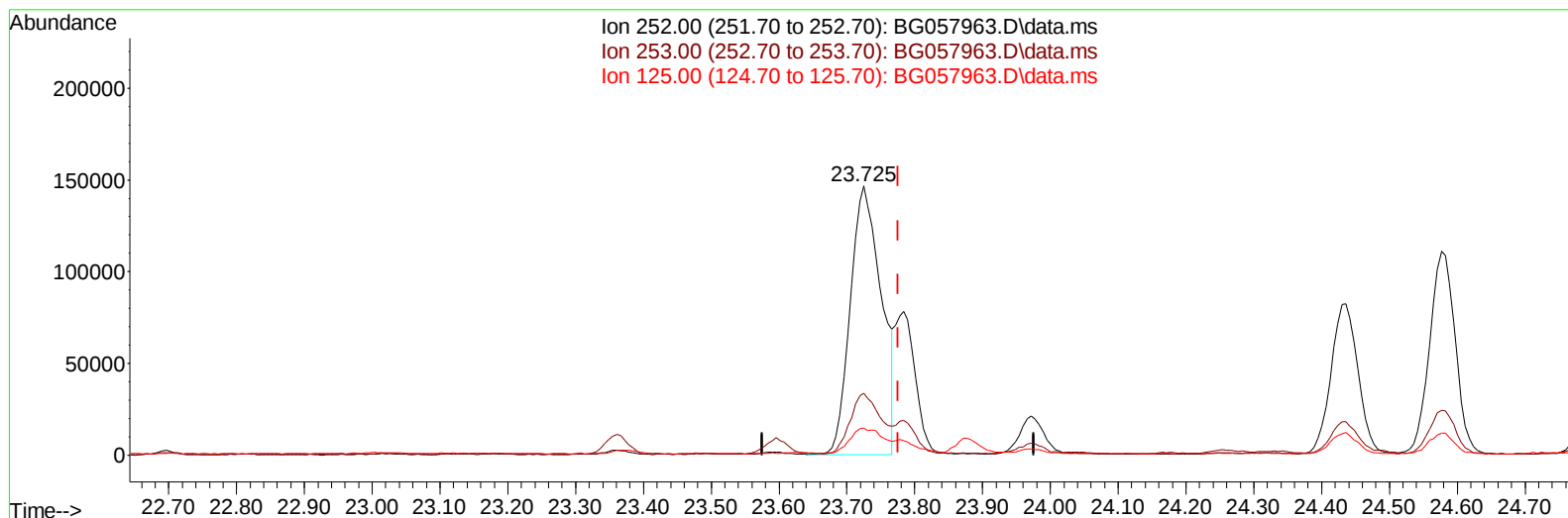
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057963.D
 Acq On : 3 Jul 2023 20:31
 Operator : CG/JU
 Sample : 03246-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:03:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057963.D\data.ms

(91) Benzo(k)fluoranthene

23.725min (-0.051) 23.21 ng/u1

response 465251

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.93
125.00	9.30	9.93
0.00	0.00	0.00

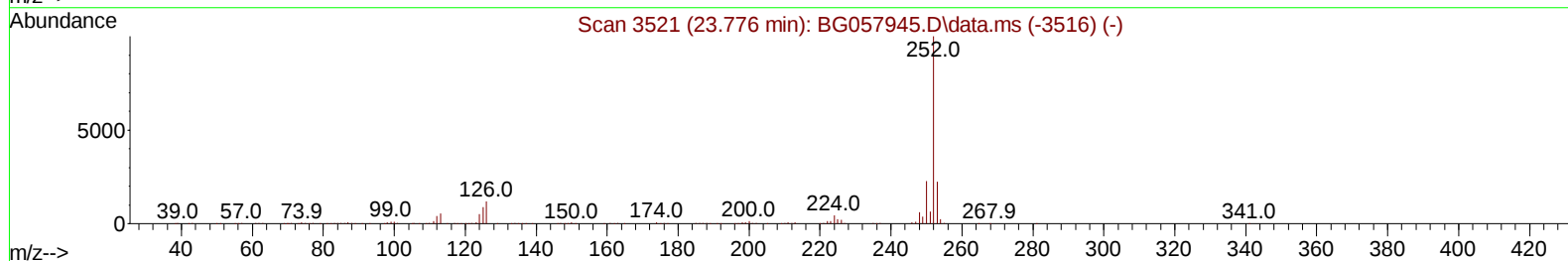
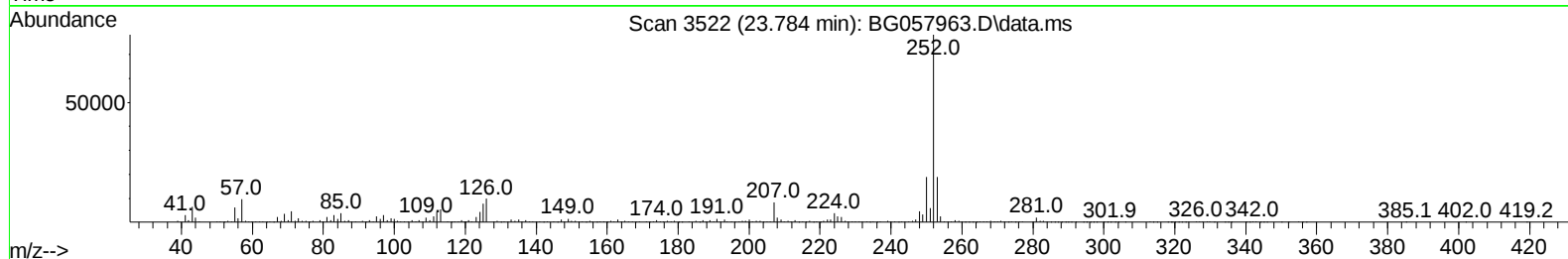
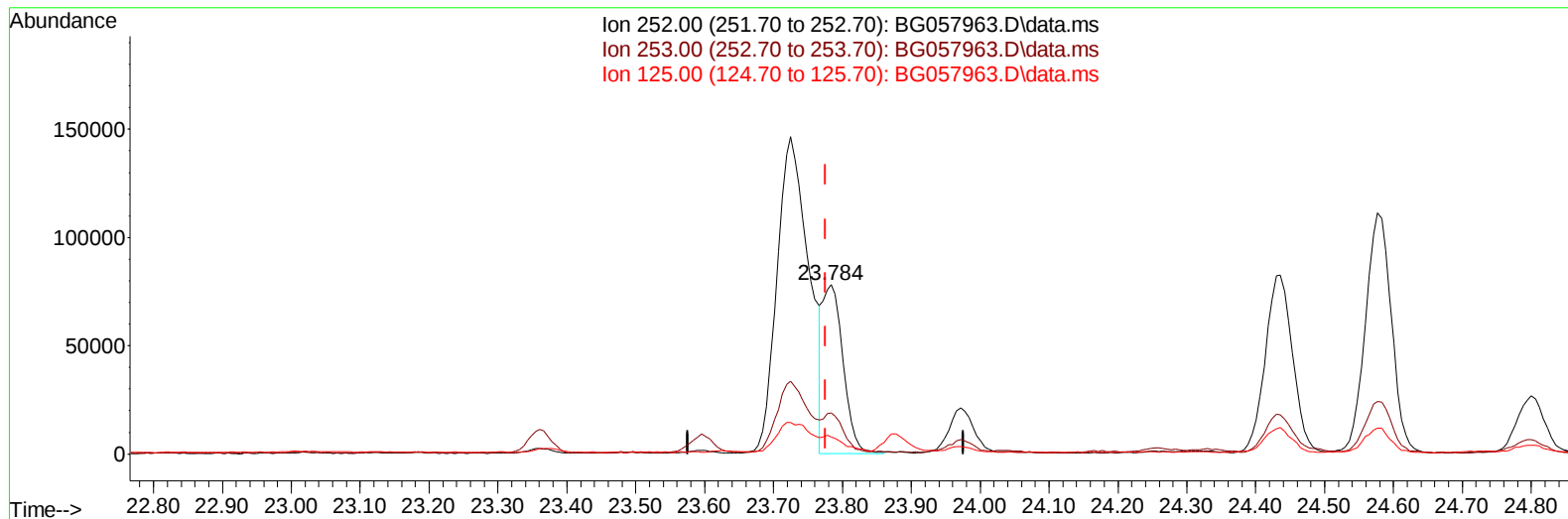
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057963.D
Acq On : 3 Jul 2023 20:31
Operator : CG/JU
Sample : 03246-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:03:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



TIC: BG057963.D\data.ms

(91) Benzo(k)fluoranthene

23.784min (+ 0.008) 8.01 ng/u1 m

response 160488

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.32
125.00	9.30	9.92
0.00	0.00	0.00

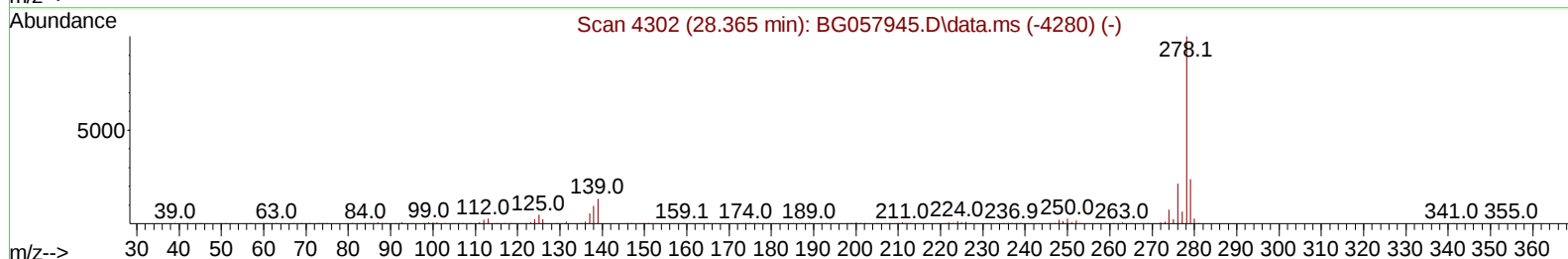
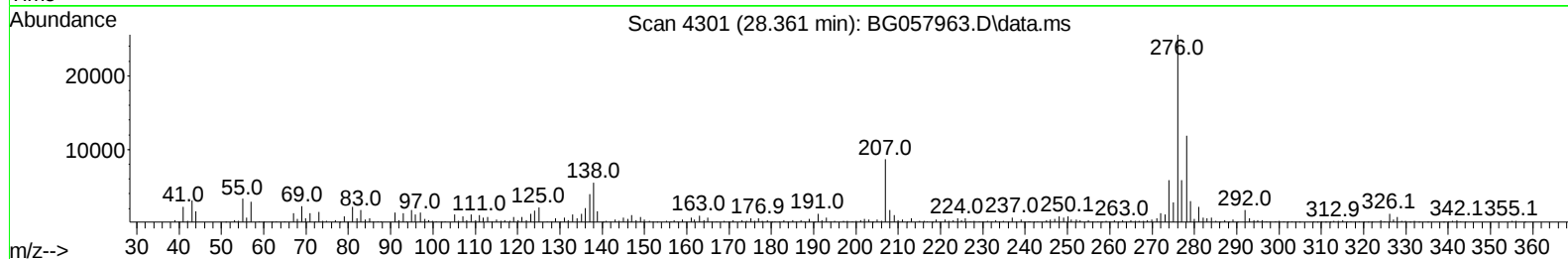
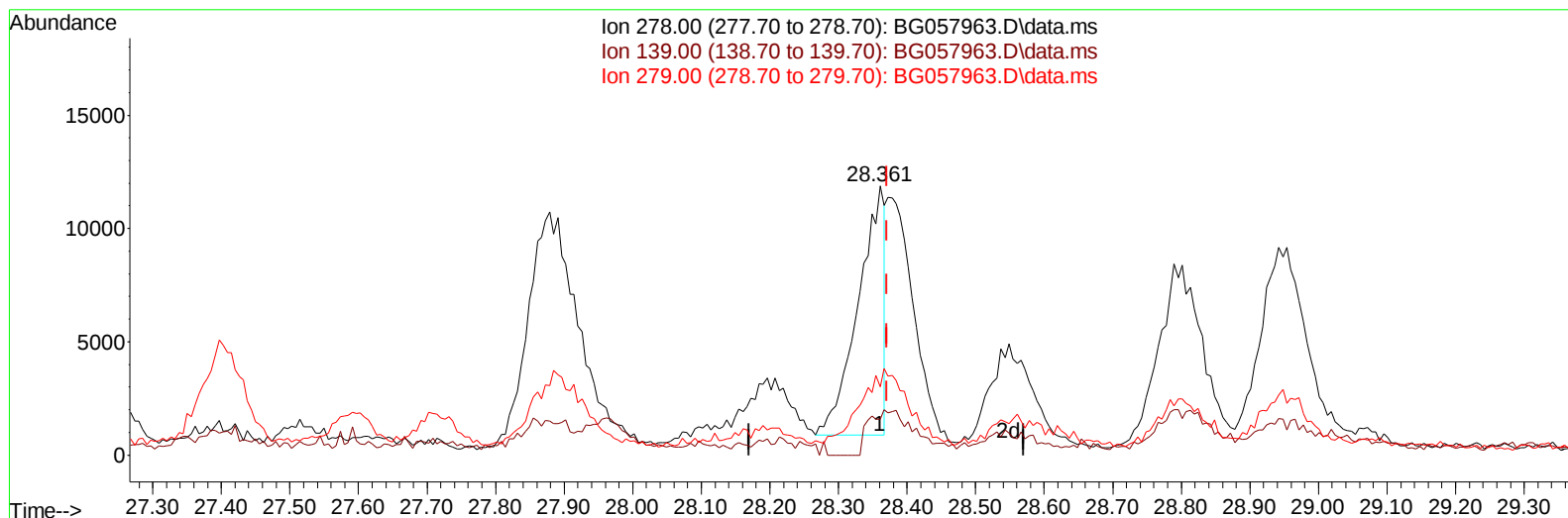
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057963.D
 Acq On : 3 Jul 2023 20:31
 Operator : CG/JU
 Sample : 03246-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:04:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057963.D\data.ms

(95) Dibenzo(a,h)anthracene

28.361min (-0.010) 1.49 ng/u1

response 29518

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	13.45
279.00	23.60	25.46
0.00	0.00	0.00

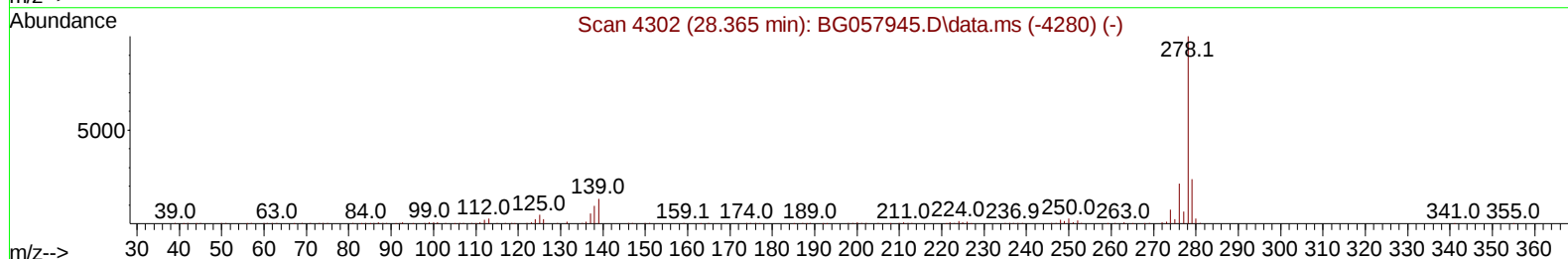
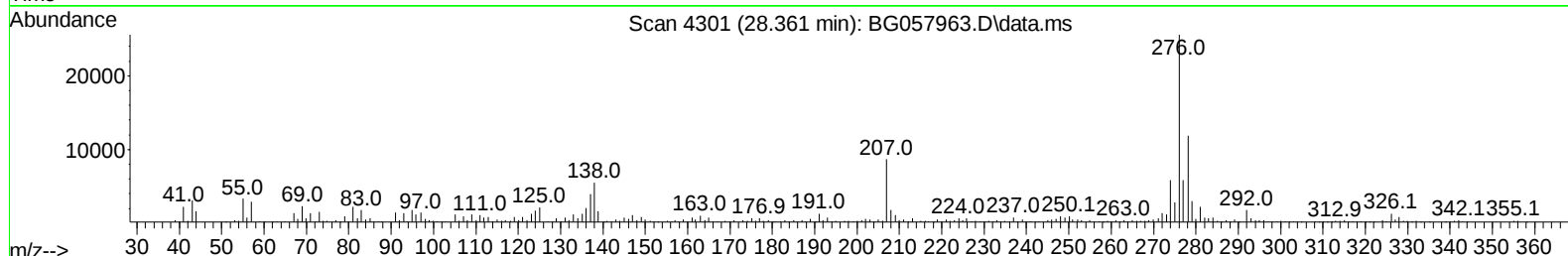
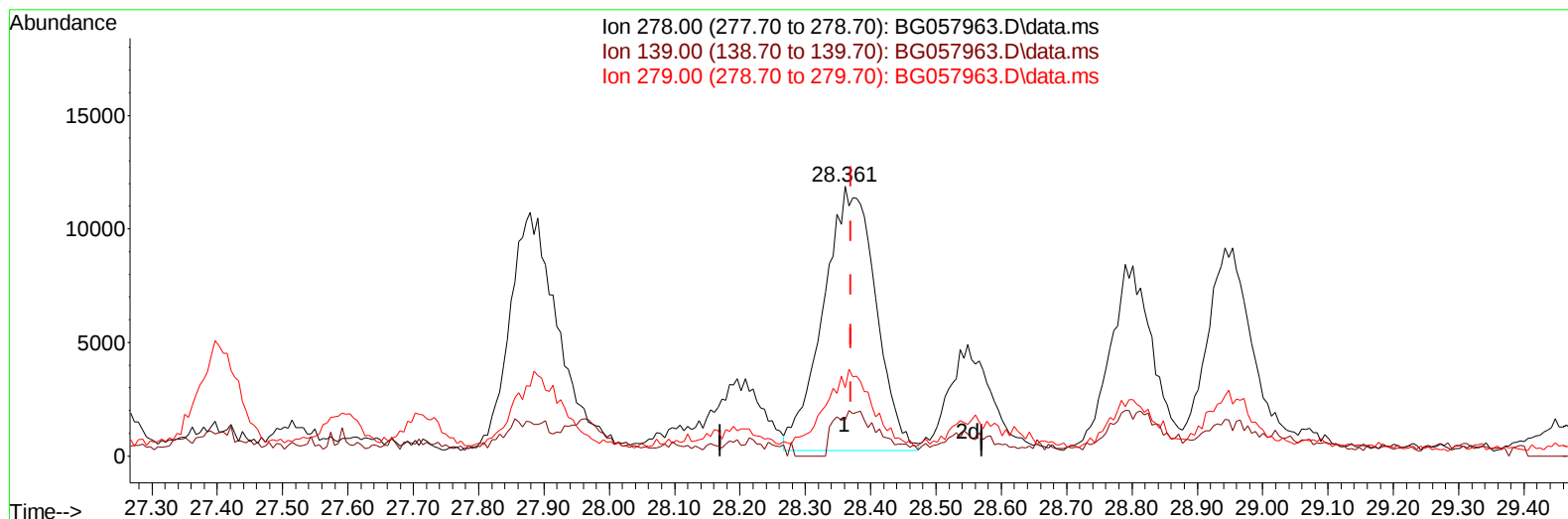
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057963.D
 Acq On : 3 Jul 2023 20:31
 Operator : CG/JU
 Sample : 03246-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:04:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057963.D\data.ms

(95) Dibenzo(a,h)anthracene

28.361min (-0.010) 3.25 ng/ul m

response 64507

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	13.45
279.00	23.60	25.46
0.00	0.00	0.00

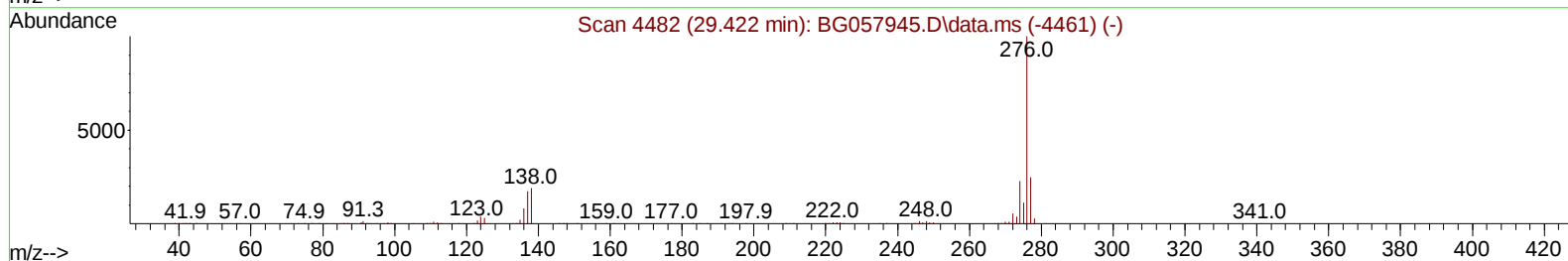
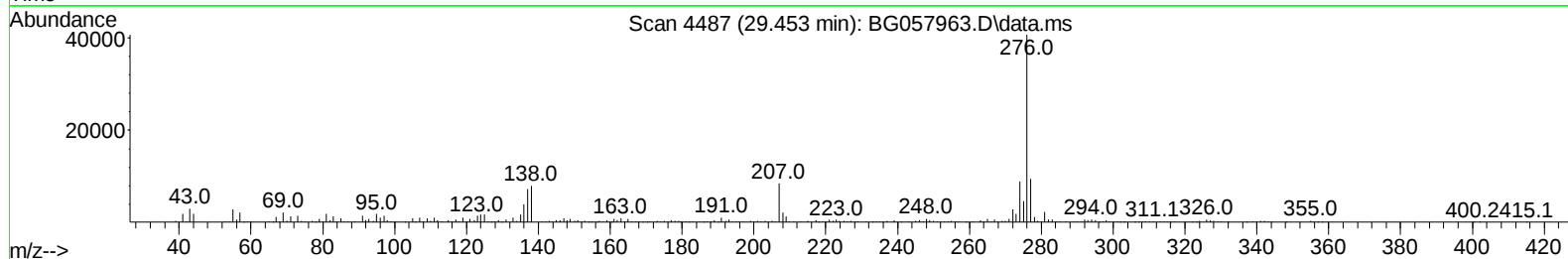
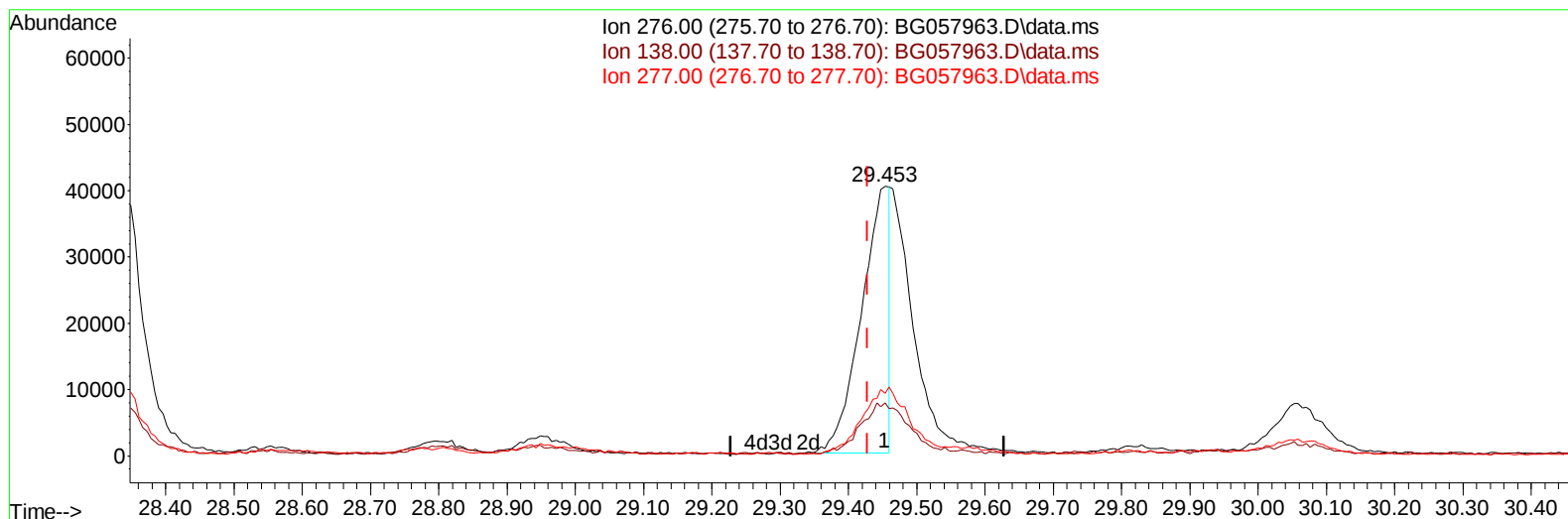
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057963.D
 Acq On : 3 Jul 2023 20:31
 Operator : CG/JU
 Sample : 03246-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:04:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057963.D\data.ms

(96) Benzo(g,h,i)perylene

29.453min (+ 0.026) 5.87 ng/u1

response 115168

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	19.74
277.00	23.20	23.18
0.00	0.00	0.00

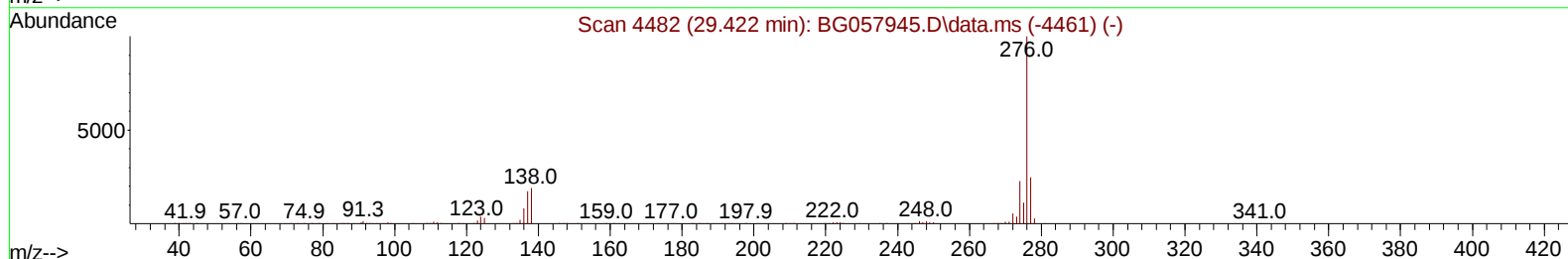
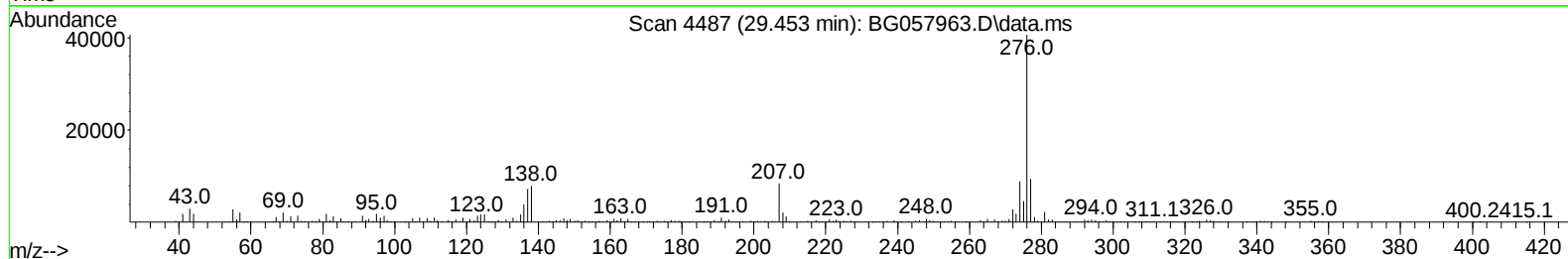
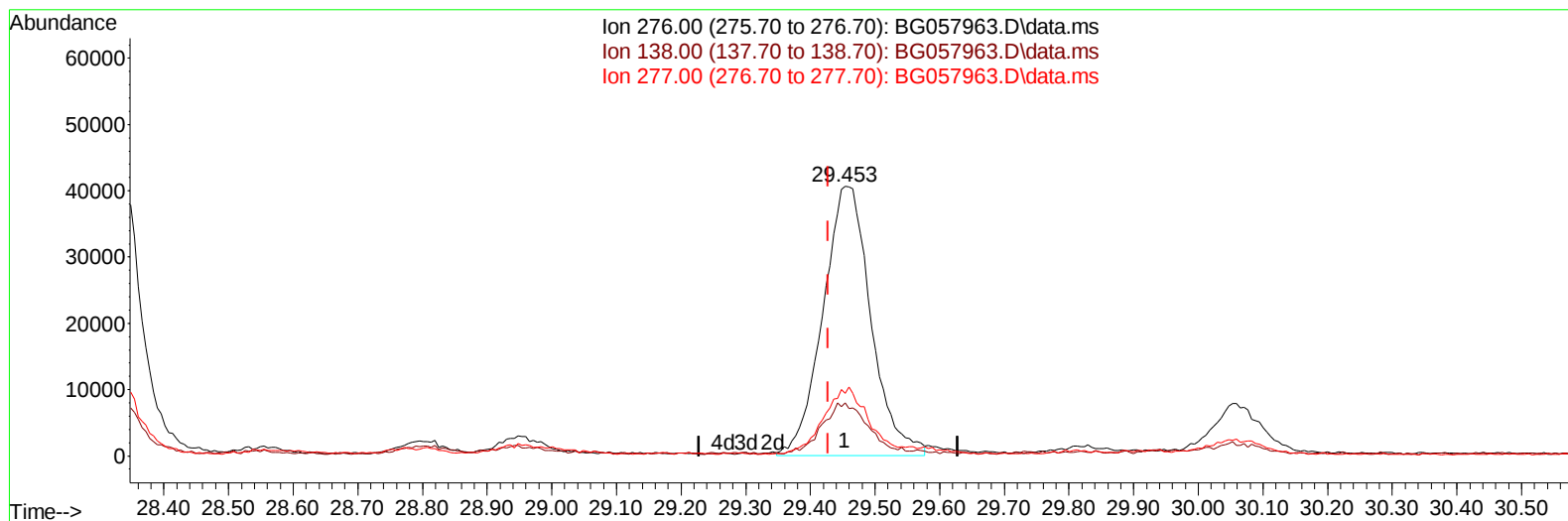
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057963.D
 Acq On : 3 Jul 2023 20:31
 Operator : CG/JU
 Sample : 03246-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:04:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057963.D\data.ms

(96) Benzo(g,h,i)perylene

29.453min (+ 0.026) 10.64 ng/ul m

response 208859

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	19.74
277.00	23.20	23.18
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057963.D
 Acq On : 3 Jul 2023 20:31
 Operator : CG/JU
 Sample : 03246-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:05:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	45041	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	220592	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.571	164	156710	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.309	188	337776	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	266465	20.000	ng/ul	0.00
88) Perylene-d12	24.730	264	330308	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.378	96	5435	4.225	ng/uL	0.01
4) Pyridine-d5	3.784	84	16795	4.301	ng/ul	0.00
7) Phenol-d5	7.097	99	123964	26.950	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.262	67	79680	28.745	ng/ul	0.00
11) 2-Chlorophenol-d4	7.467	132	94117	29.667	ng/ul	0.00
15) 4-Methylphenol-d8	8.637	113	80119	23.084	ng/ul	0.00
21) Nitrobenzene-d5	9.095	128	50603	28.145	ng/ul	0.00
24) 2-Nitrophenol-d4	9.818	143	55892	29.579	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	102726	28.339	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	40926	7.447	ng/ul	0.00
46) Dimethylphthalate-d6	13.972	166	339637	27.468	ng/ul	0.00
49) Acenaphthylene-d8	14.259	160	402058	29.798	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	33996	15.562	ng/ul	0.00
60) Fluorene-d10	15.558	176	306676	29.205	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	41111	22.414	ng/ul	0.00
73) Anthracene-d10	17.409	188	449166	28.657	ng/ul	0.00
81) Pyrene-d10	19.700	212	507914	30.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.512	264	509571	30.280	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.356	178	210646	12.260	ng/ul	100
74) Anthracene	17.444	178	22404	1.289	ng/ul	98
80) Fluoranthene	19.365	202	575740	29.607	ng/ul	100
82) Pyrene	19.730	202	455312	23.260	ng/ul	99
85) Benzo(a)anthracene	21.545	228	250339	13.084	ng/ul	99
87) Chrysene	21.610	228	307431	17.141	ng/ul	96
90) Benzo(b)fluoranthene	23.725	252	465251	22.749	ng/ul	99
91) Benzo(k)fluoranthene	23.784	252	160488m	8.006	ng/ul	
93) Benzo(a)pyrene	24.577	252	289556	15.996	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.325	276	241914	10.064	ng/ul	100
95) Dibenzo(a,h)anthracene	28.361	278	64507m	3.254	ng/ul	
96) Benzo(g,h,i)perylene	29.453	276	208859m	10.638	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057963.D
Acq On : 3 Jul 2023 20:31
Operator : CG/JU
Sample : 03246-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK8

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:05:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

