

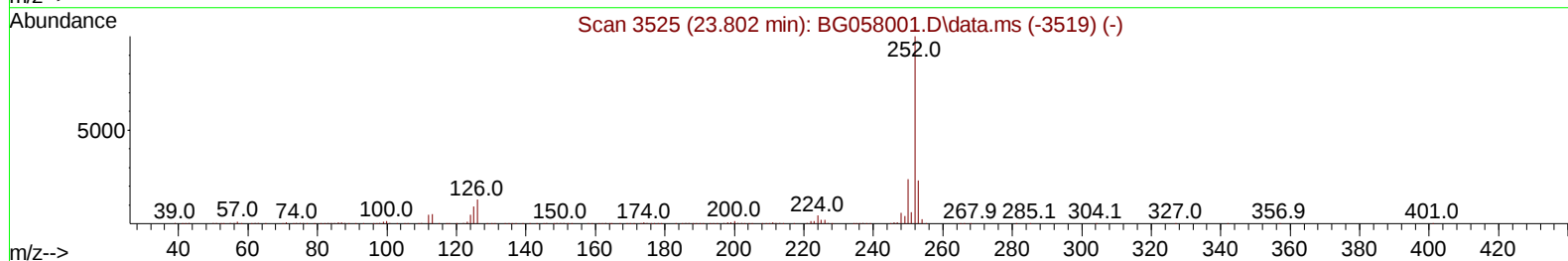
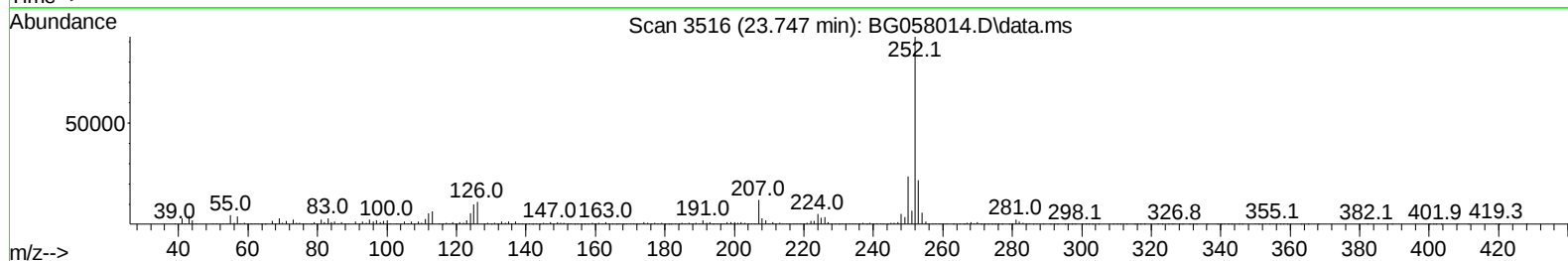
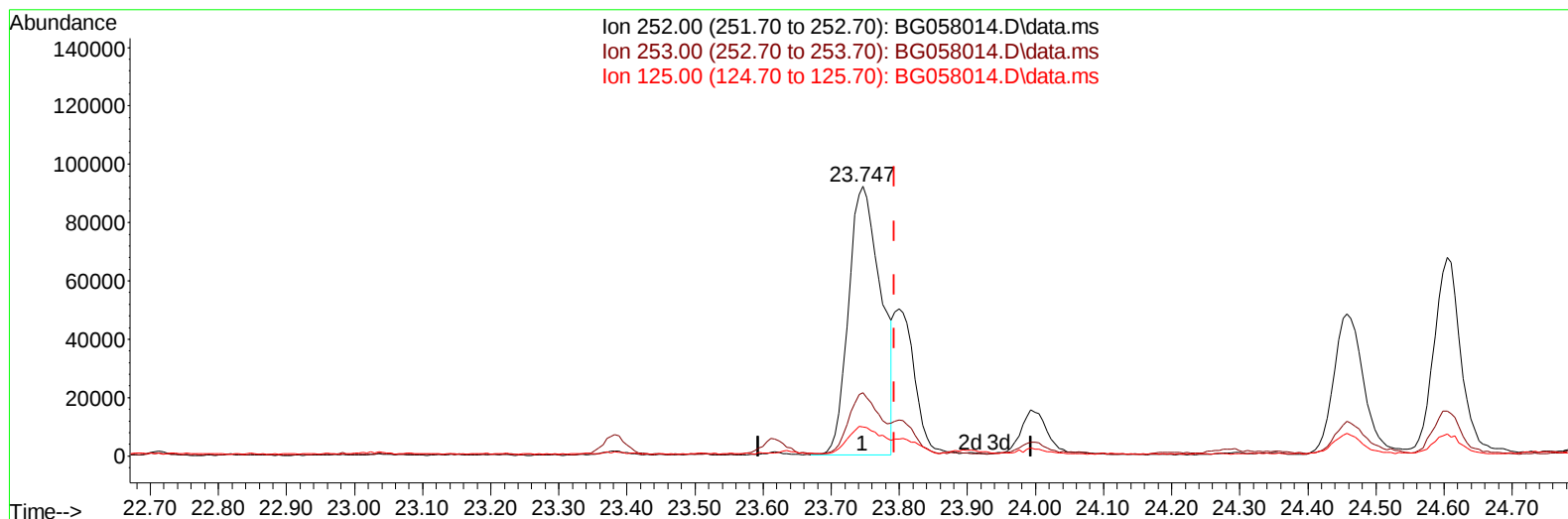
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058014.D
 Acq On : 5 Jul 2023 10:22
 Operator : CG/JU
 Sample : 03248-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGP0

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:13:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG058014.D\data.ms

(91) Benzo(k)fluoranthene

23.747min (-0.046) 11.31 ng/u1

response 305124

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.45
125.00	9.30	10.66
0.00	0.00	0.00

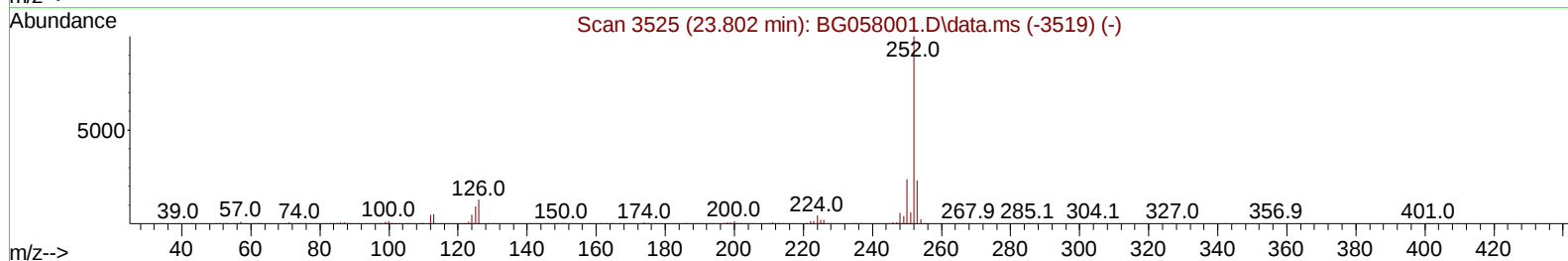
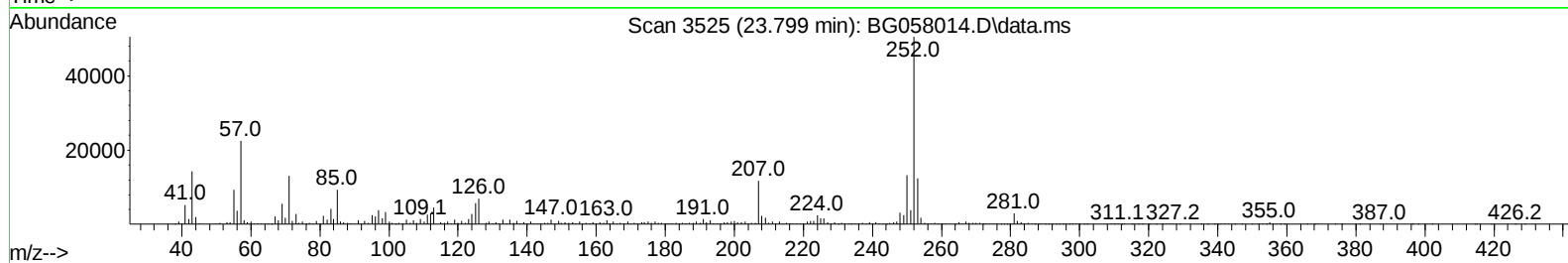
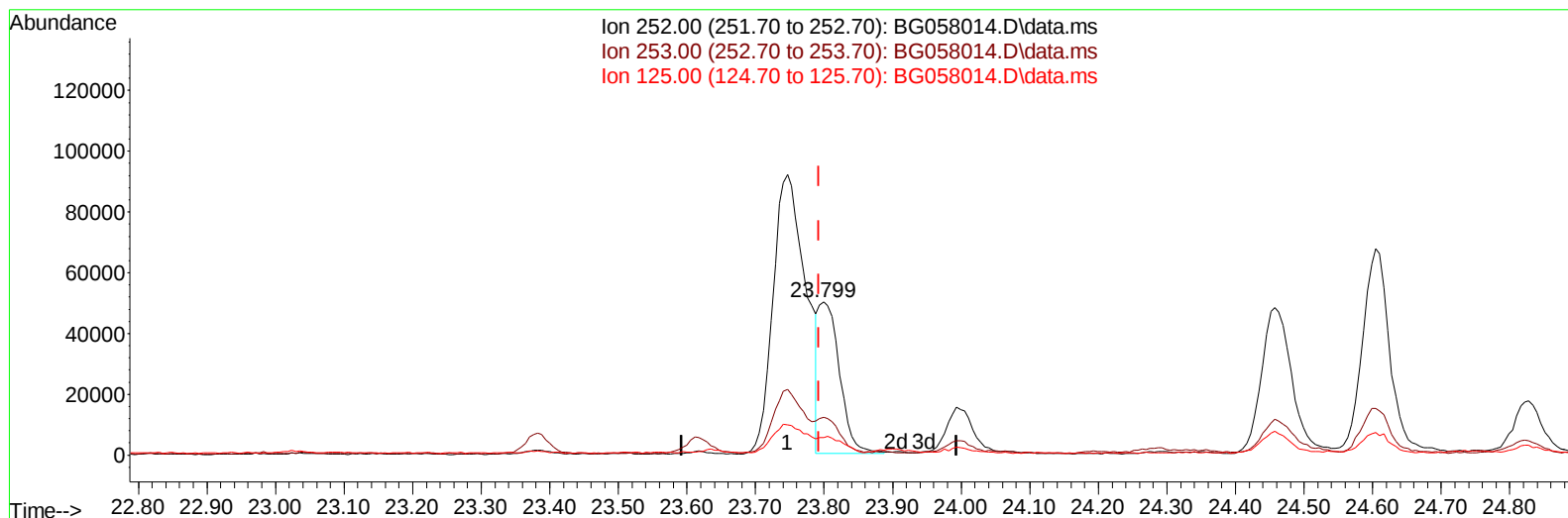
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058014.D
 Acq On : 5 Jul 2023 10:22
 Operator : CG/JU
 Sample : 03248-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGP0

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:13:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG058014.D\data.ms

(91) Benzo(k)fluoranthene

23.799min (+ 0.006) 3.92 ng/u1 m

response 105866

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.51
125.00	9.30	11.40#
0.00	0.00	0.00

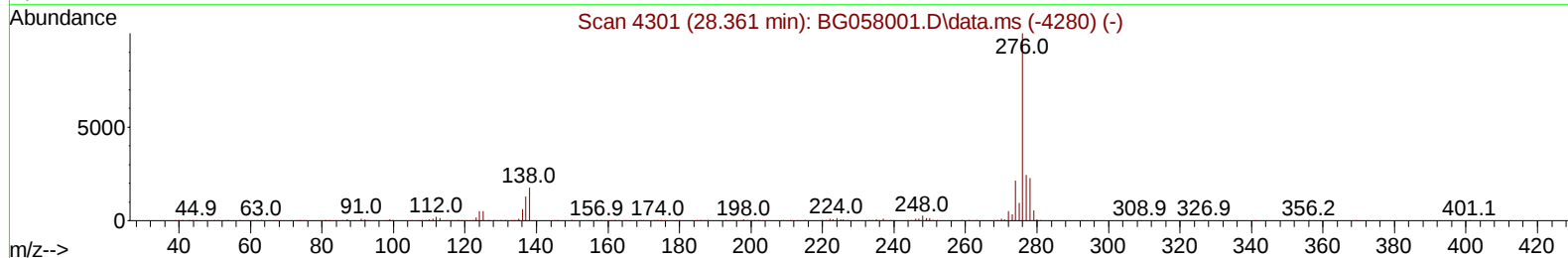
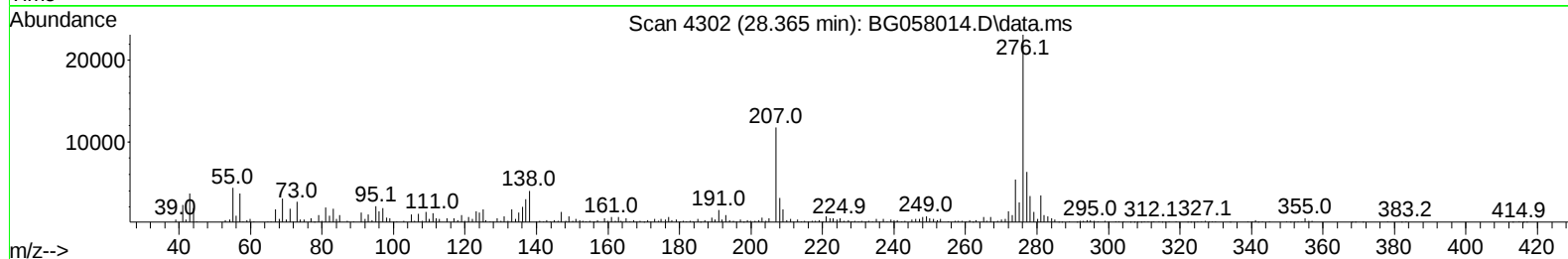
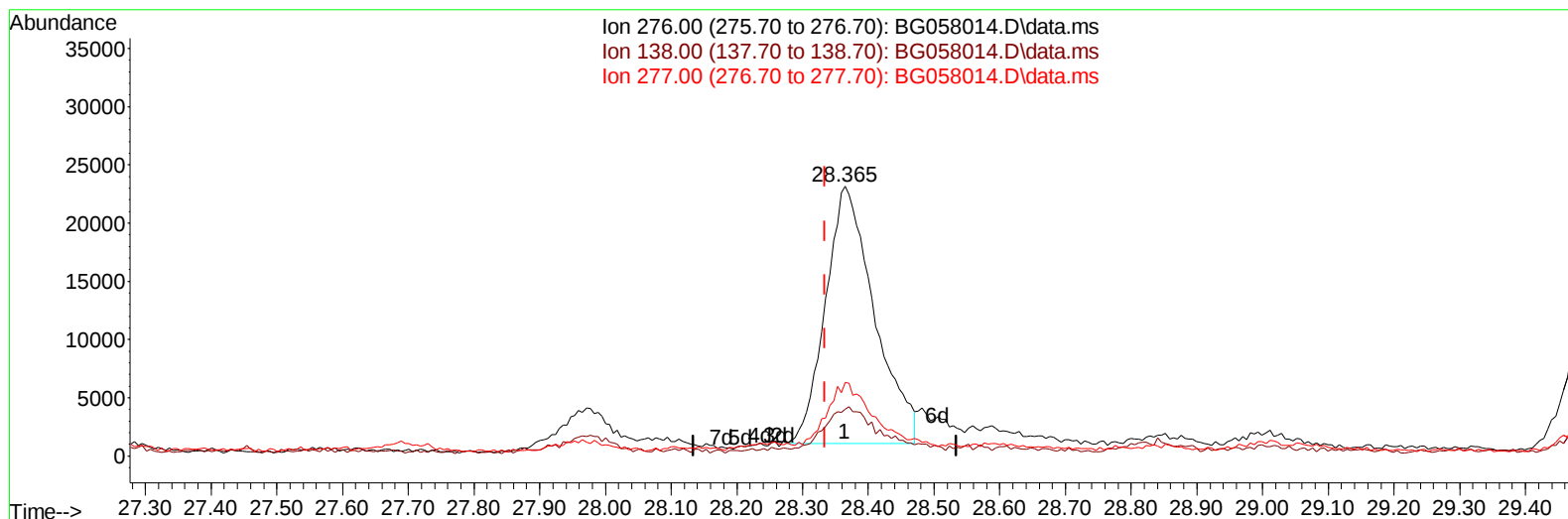
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058014.D
 Acq On : 5 Jul 2023 10:22
 Operator : CG/JU
 Sample : 03248-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGP0

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:14:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG058014.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.365min (+ 0.030) 3.53 ng/u1

response 114180

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.50	17.30
277.00	24.30	27.23
0.00	0.00	0.00

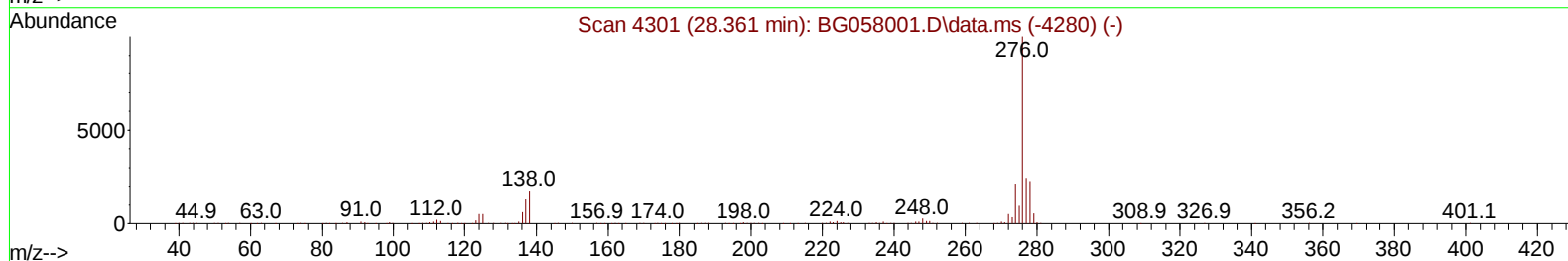
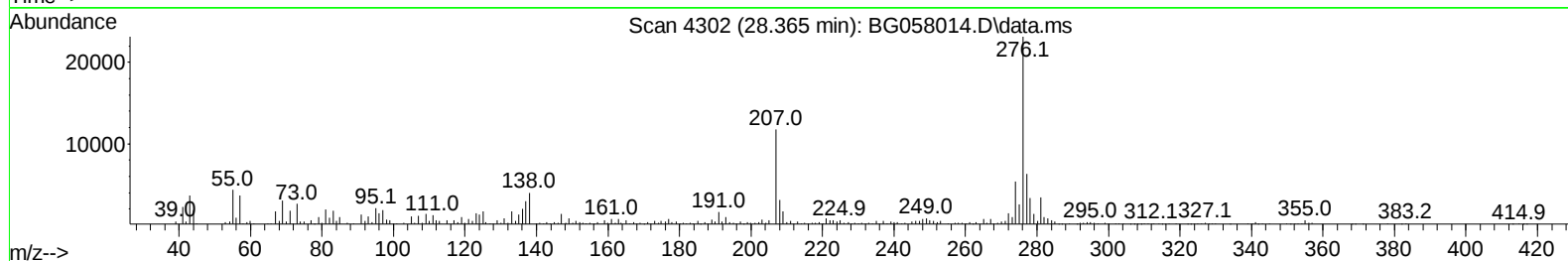
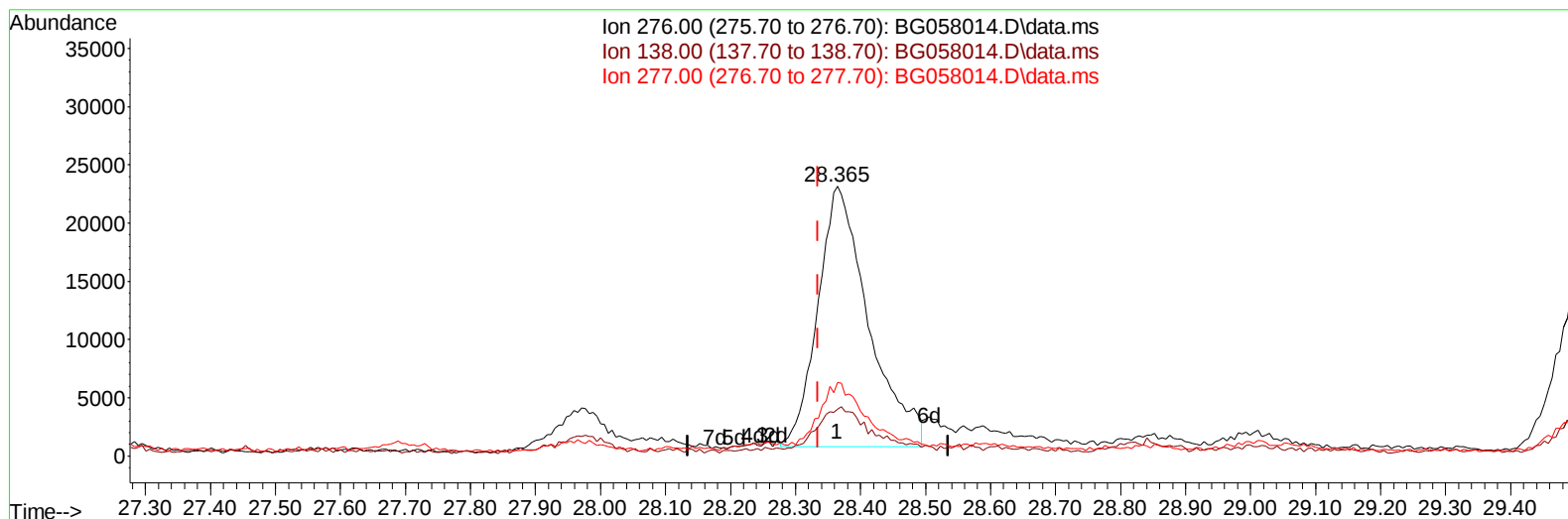
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058014.D
 Acq On : 5 Jul 2023 10:22
 Operator : CG/JU
 Sample : 03248-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGP0

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:14:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG058014.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.365min (+ 0.030) 3.75 ng/ul m

response 121380

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.50	17.30
277.00	24.30	27.23
0.00	0.00	0.00

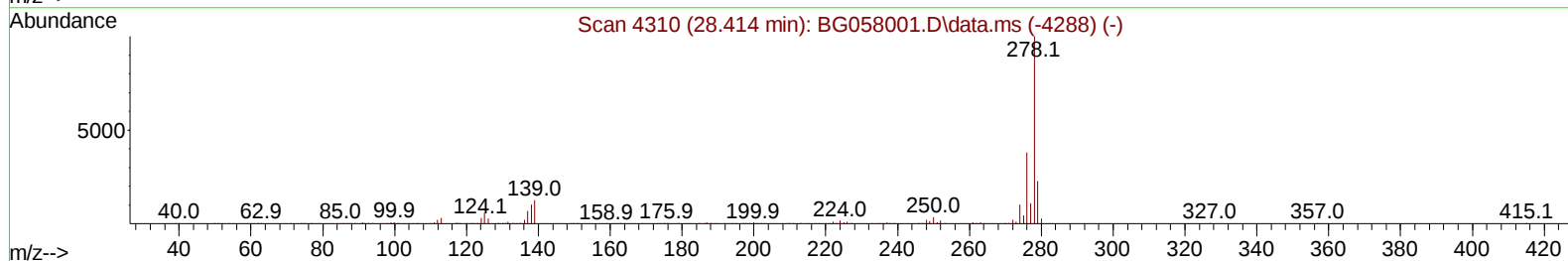
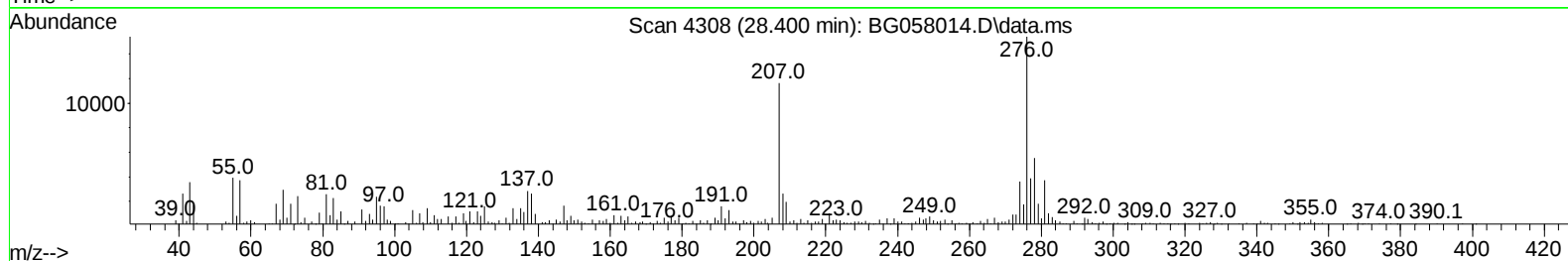
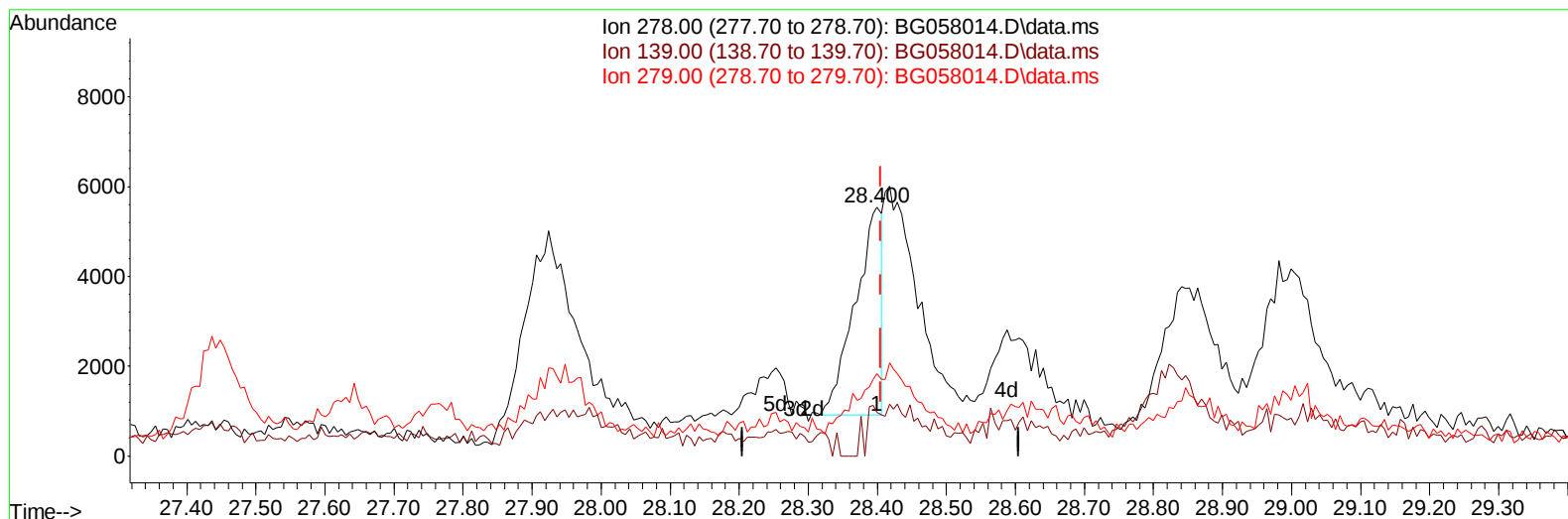
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058014.D
 Acq On : 5 Jul 2023 10:22
 Operator : CG/JU
 Sample : 03248-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGP0

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:14:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG058014.D\data.ms

(95) Dibenzo(a,h)anthracene

28.400min (-0.005) 0.47 ng/u1

response 12498

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	17.63#
279.00	23.60	33.03#
0.00	0.00	0.00

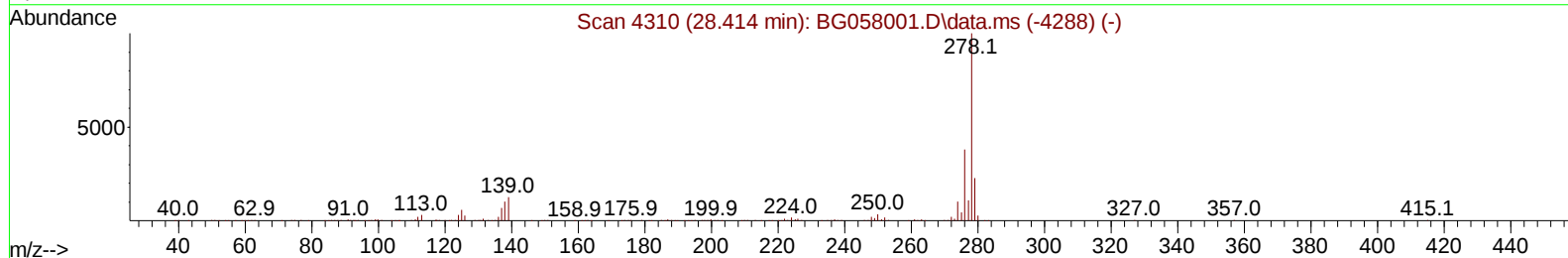
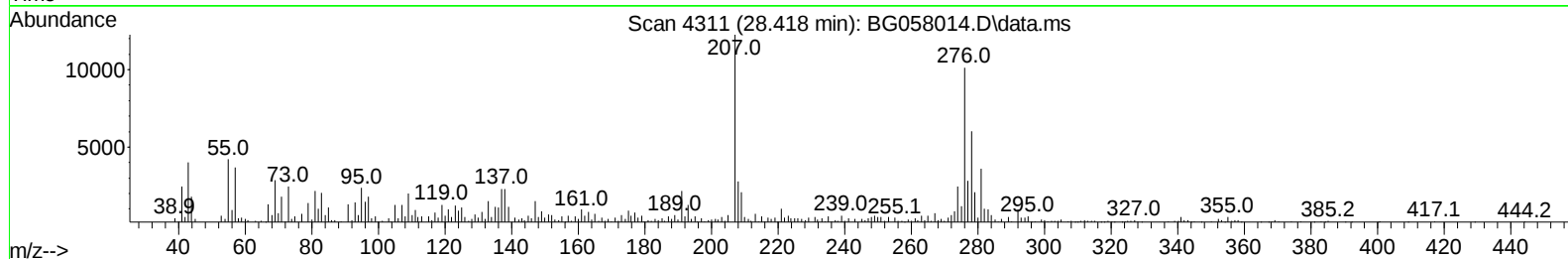
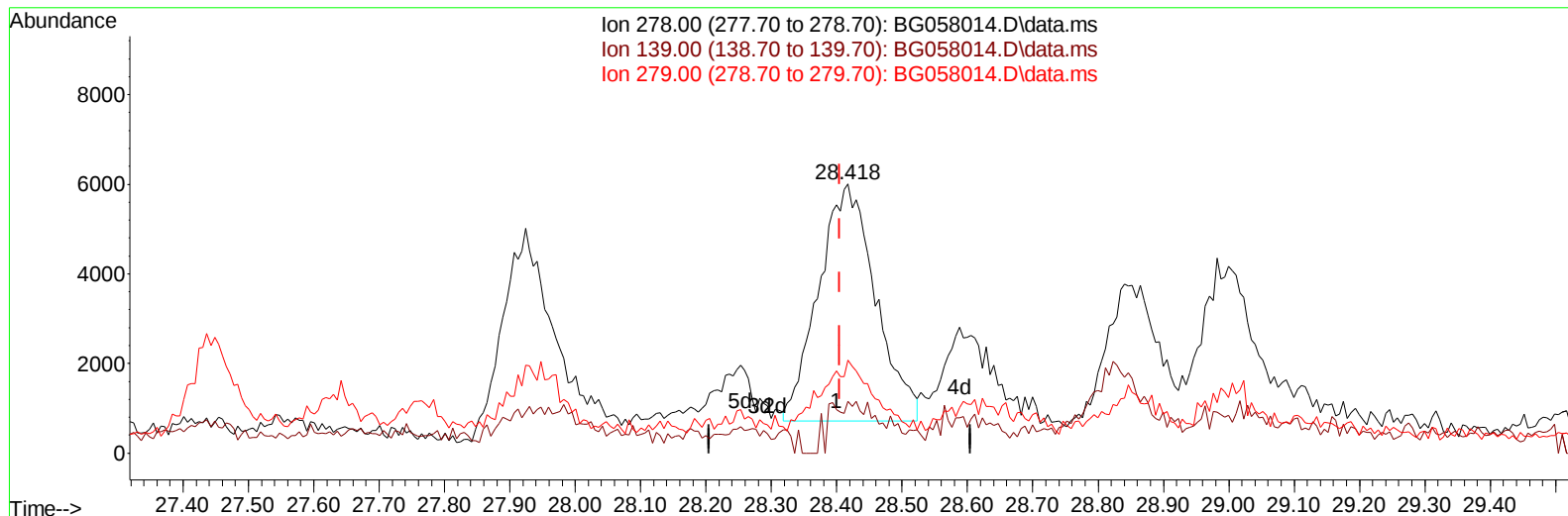
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058014.D
 Acq On : 5 Jul 2023 10:22
 Operator : CG/JU
 Sample : 03248-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGP0

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:14:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG058014.D\data.ms

(95) Dibenzo(a,h)anthracene

28.418min (+ 0.012) 1.20 ng/ul m

response 31878

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	19.16#
279.00	23.60	34.51#
0.00	0.00	0.00

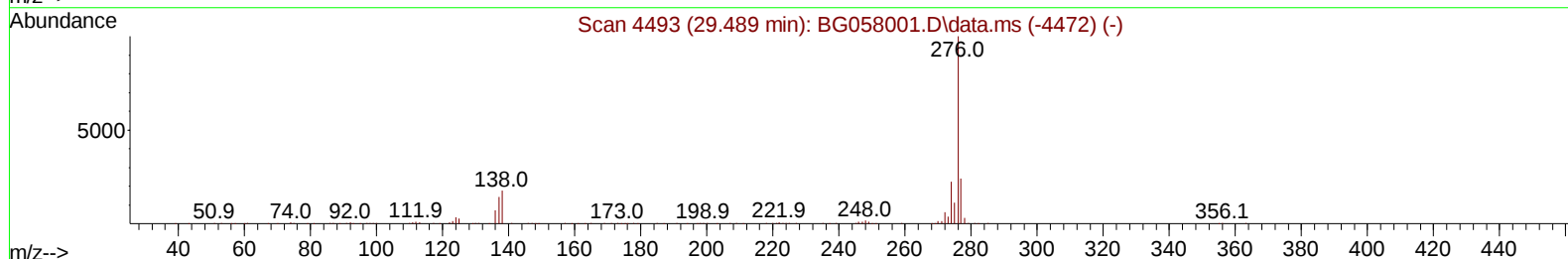
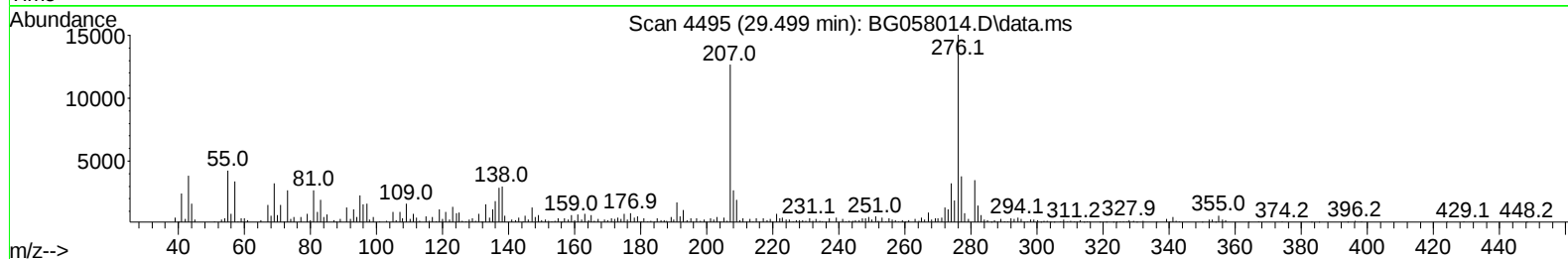
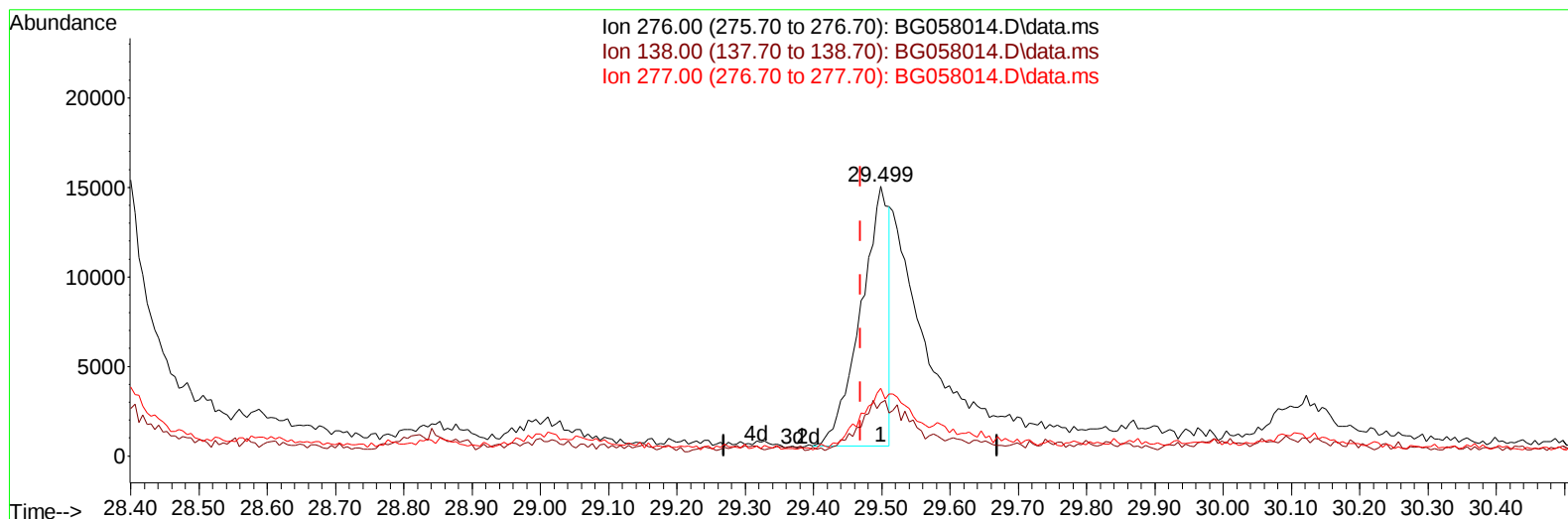
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058014.D
 Acq On : 5 Jul 2023 10:22
 Operator : CG/JU
 Sample : 03248-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGP0

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:15:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG058014.D\data.ms

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

29.499min (+ 0.030) 1.57 ng/u1

response 41564

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	24.01#
277.00	23.20	25.09
0.00	0.00	0.00

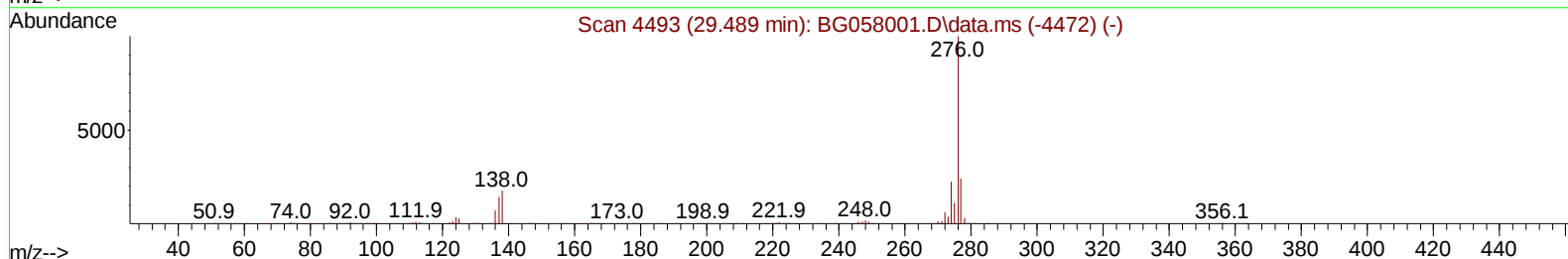
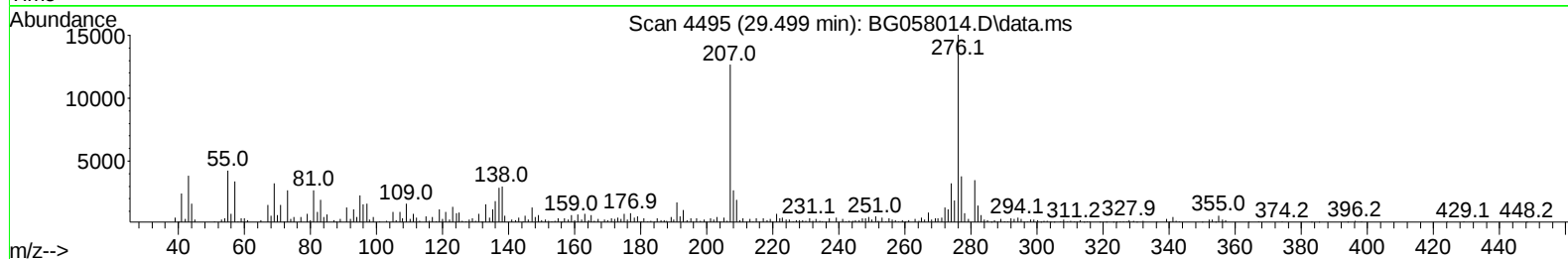
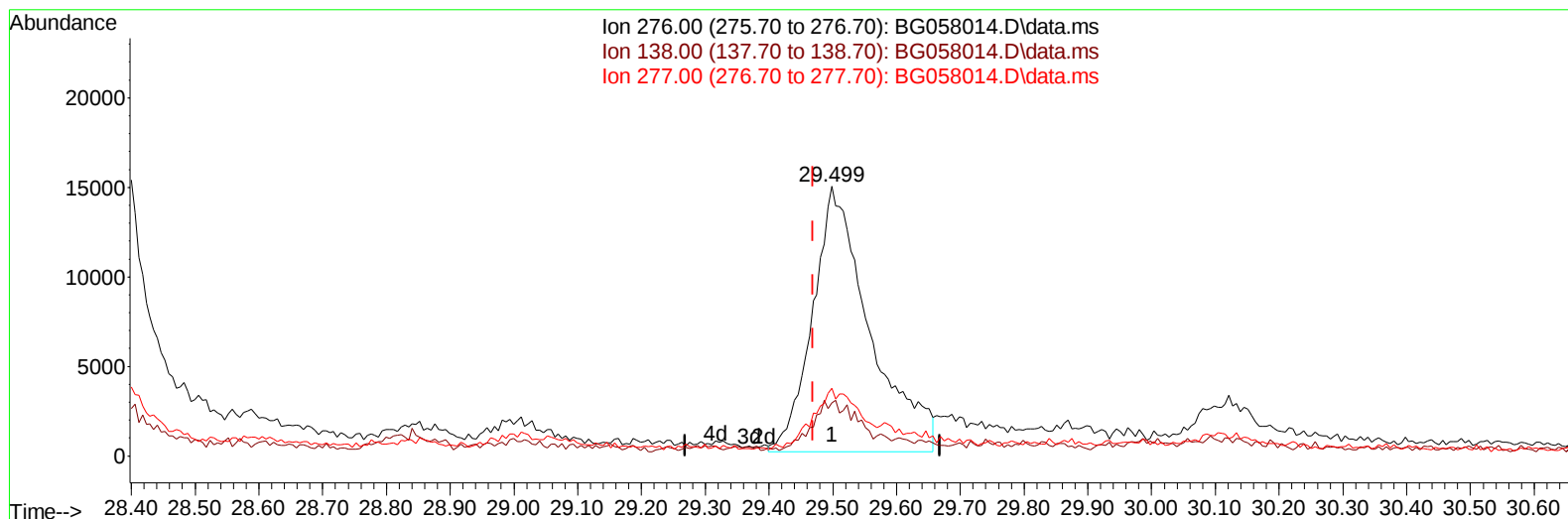
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058014.D
 Acq On : 5 Jul 2023 10:22
 Operator : CG/JU
 Sample : 03248-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGP0

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:15:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG058014.D\data.ms

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

29.499min (+ 0.030) 3.48 ng/ul m

response 92026

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	19.71
277.00	23.20	25.09
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058014.D
 Acq On : 5 Jul 2023 10:22
 Operator : CG/JU
 Sample : 03248-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGP0

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:15:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	68239	20.000	ng/ul	0.00
20) Naphthalene-d8	10.750	136	312200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	206752	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.325	188	447649	20.000	ng/ul	0.00
79) Chrysene-d12	21.578	240	369163	20.000	ng/ul	0.00
88) Perylene-d12	24.751	264	444515	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	8164	4.189	ng/uL	0.00
4) Pyridine-d5	3.788	84	84741	14.323	ng/ul	0.00
7) Phenol-d5	7.113	99	181038	25.978	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.272	67	108877	25.925	ng/ul	0.00
11) 2-Chlorophenol-d4	7.477	132	136653	28.431	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	121151	23.039	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	69758	27.414	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	78351	29.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.374	165	139610	27.213	ng/ul	0.01
31) 4-Chloroaniline-d4	10.885	131	68669	8.828	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	411850	25.247	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	487620	27.392	ng/ul	0.00
54) 4-Nitrophenol-d4	14.786	143	58711	20.371	ng/ul	0.01
60) Fluorene-d10	15.568	176	369279	26.655	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	51431	21.159	ng/ul	0.00
73) Anthracene-d10	17.419	188	518418	24.957	ng/ul	0.00
81) Pyrene-d10	19.710	212	624197	26.847	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.540	264	636078	28.087	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.366	178	100739	4.424	ng/ul	99
80) Fluoranthene	19.375	202	315068	11.695	ng/ul	99
82) Pyrene	19.739	202	259109	9.555	ng/ul	100
85) Benzo(a)anthracene	21.561	228	170733	6.441	ng/ul	97
87) Chrysene	21.620	228	183096	7.369	ng/ul	96
90) Benzo(b)fluoranthene	23.747	252	305124	11.086	ng/ul	98
91) Benzo(k)fluoranthene	23.799	252	105866m	3.924	ng/ul	
93) Benzo(a)pyrene	24.604	252	173092	7.105	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.365	276	121380m	3.752	ng/ul	
95) Dibenzo(a,h)anthracene	28.418	278	31878m	1.195	ng/ul	
96) Benzo(g,h,i)perylene	29.499	276	92026m	3.483	ng/ul	

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

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:15:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

