

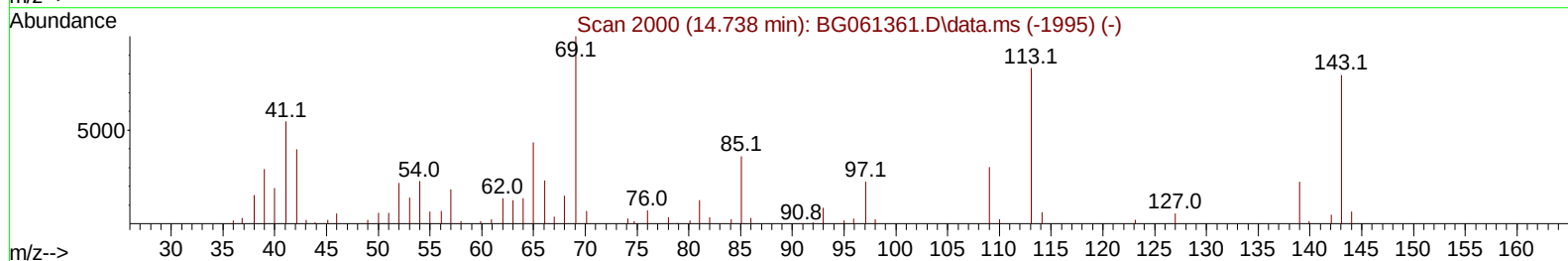
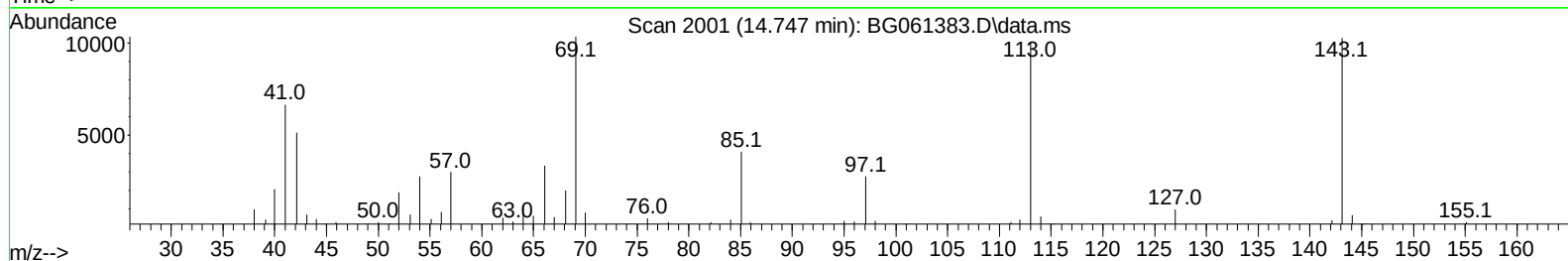
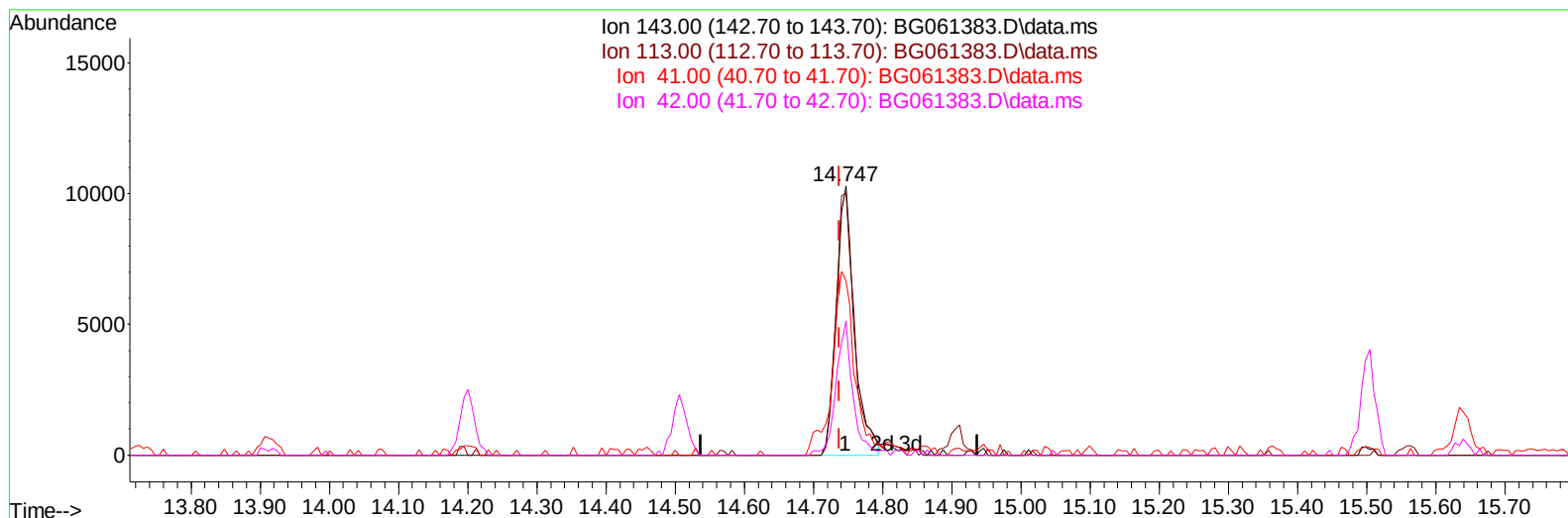
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

Manual IntegrationsAPPROVED

Quant Time: May 31 08:02:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061383.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.747min (+ 0.009) 24.18 ng/ul

response 18668

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	97.56#
41.00	77.10	64.79
42.00	49.50	49.96

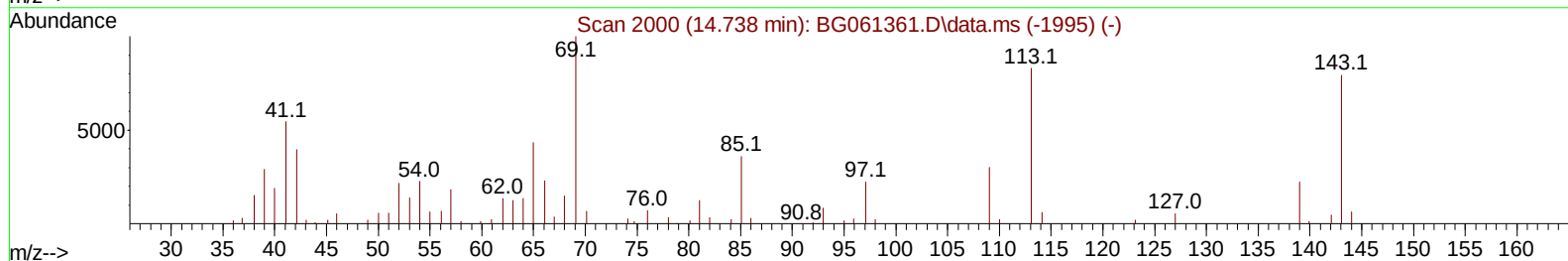
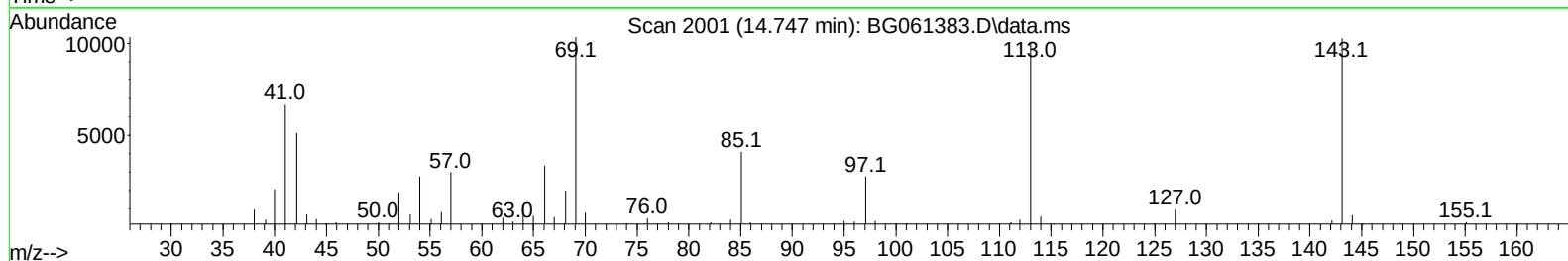
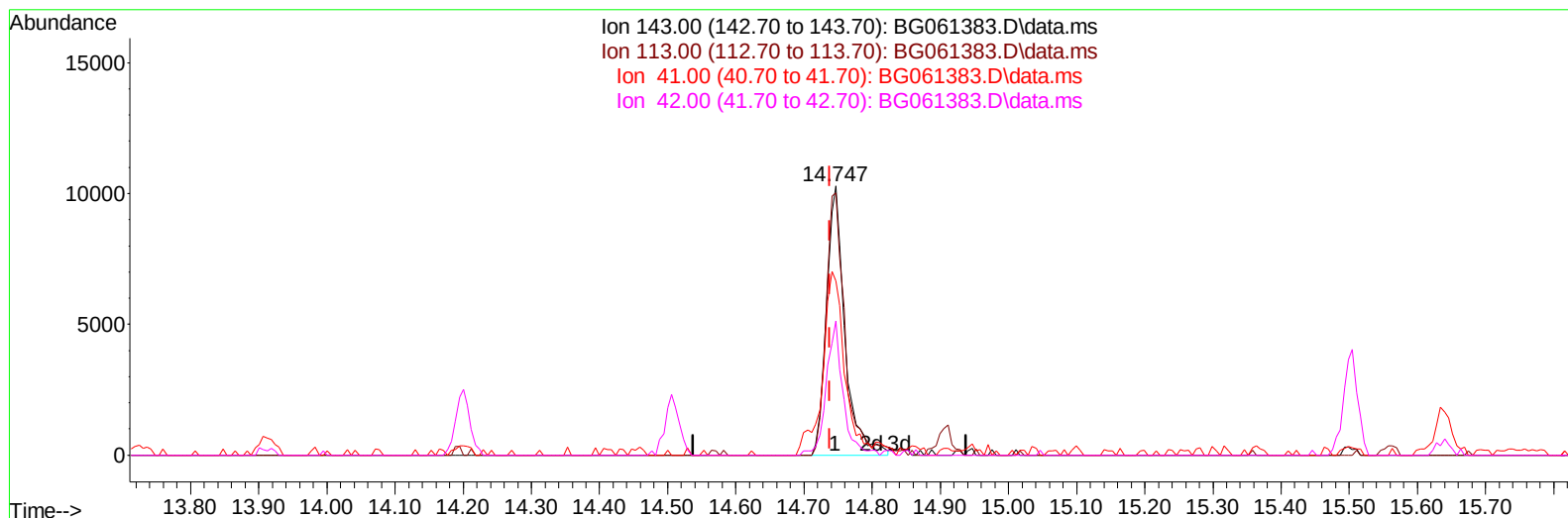
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

Manual IntegrationsAPPROVED

Quant Time: May 31 08:02:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061383.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.747min (+ 0.009) 24.93 ng/ul m

response 19254

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	97.56#
41.00	77.10	64.79
42.00	49.50	49.96

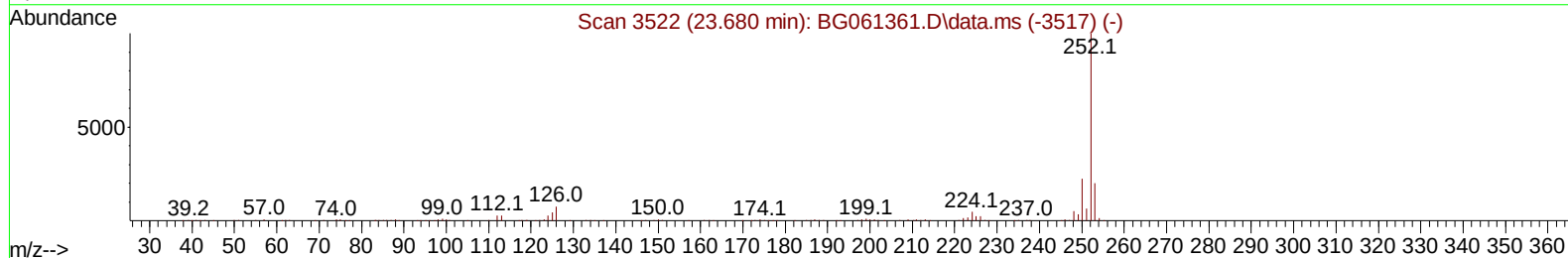
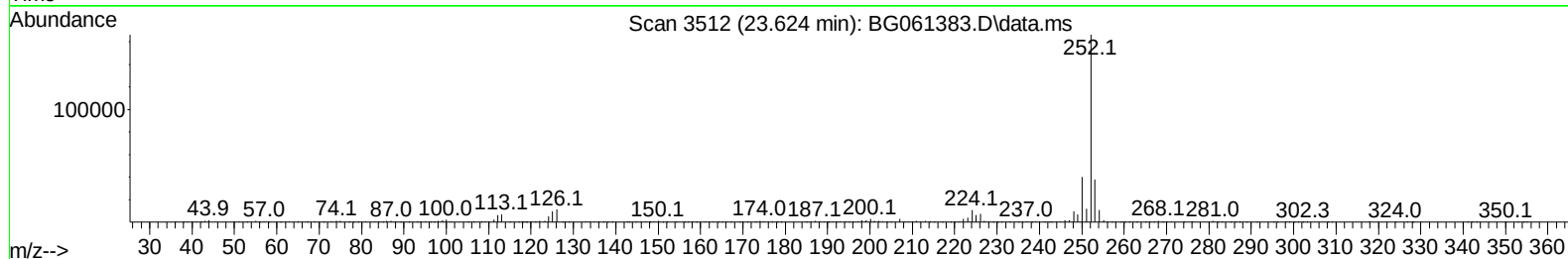
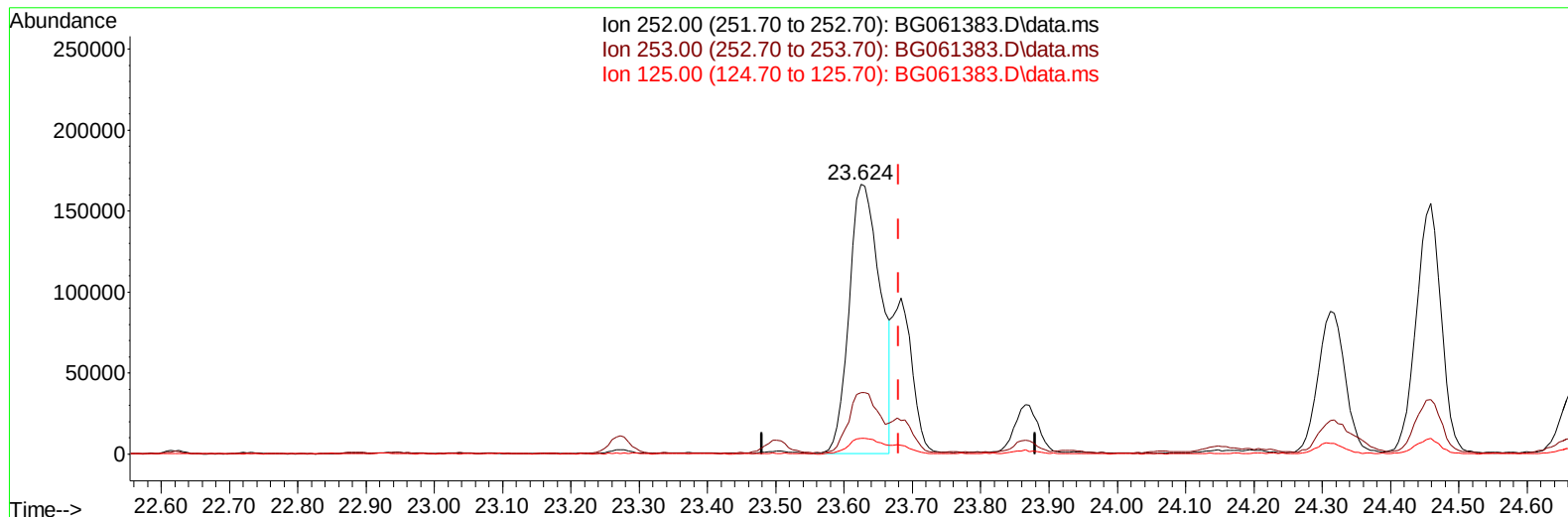
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

Manual IntegrationsAPPROVED

Quant Time: May 31 08:02:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061383.D\data.ms

(91) Benzo(k)fluoranthene

23.624min (-0.056) 39.42 ng/u1

response 527115

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.74
125.00	5.40	5.76
0.00	0.00	0.00

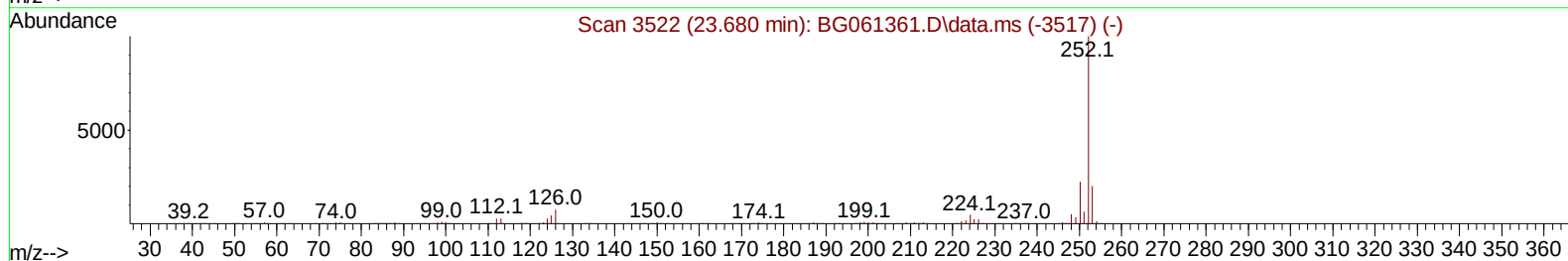
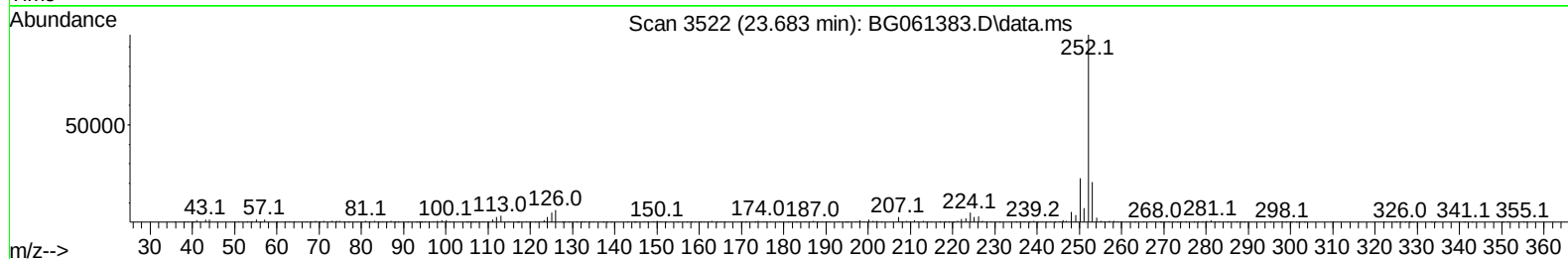
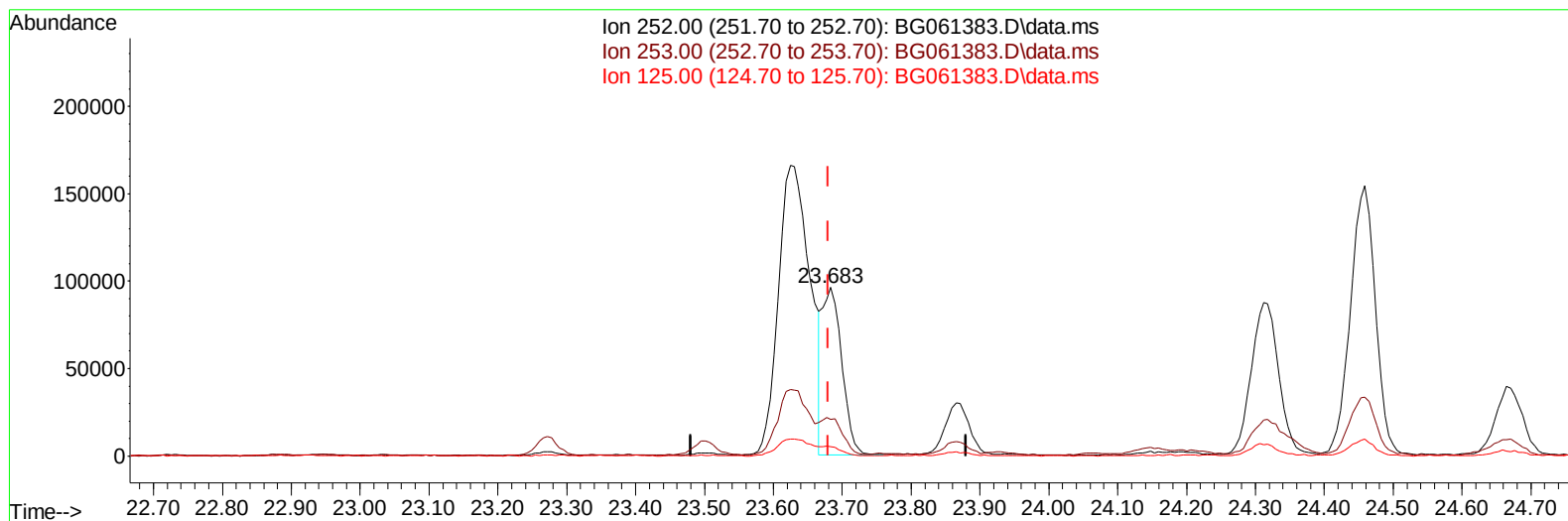
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

Manual IntegrationsAPPROVED

Quant Time: May 31 08:02:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061383.D\data.ms

(91) Benzo(k)fluoranthene

23.683min (+ 0.003) 14.02 ng/ul m

response 187495

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.56
125.00	5.40	5.41
0.00	0.00	0.00

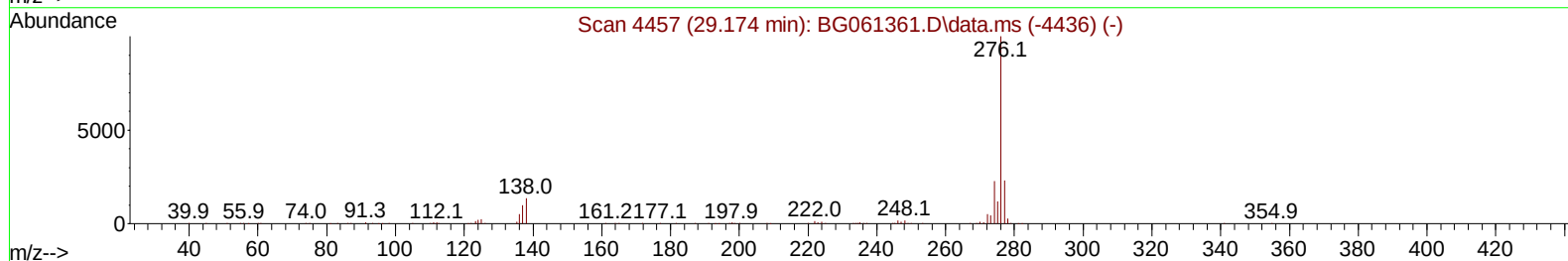
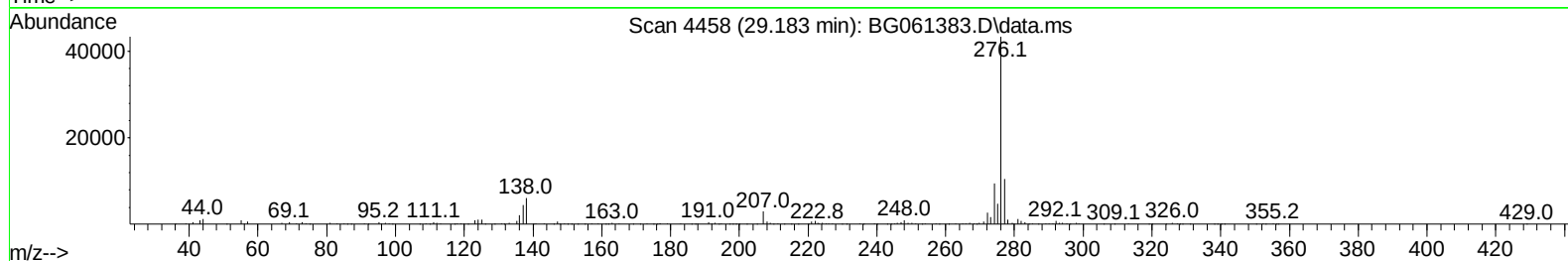
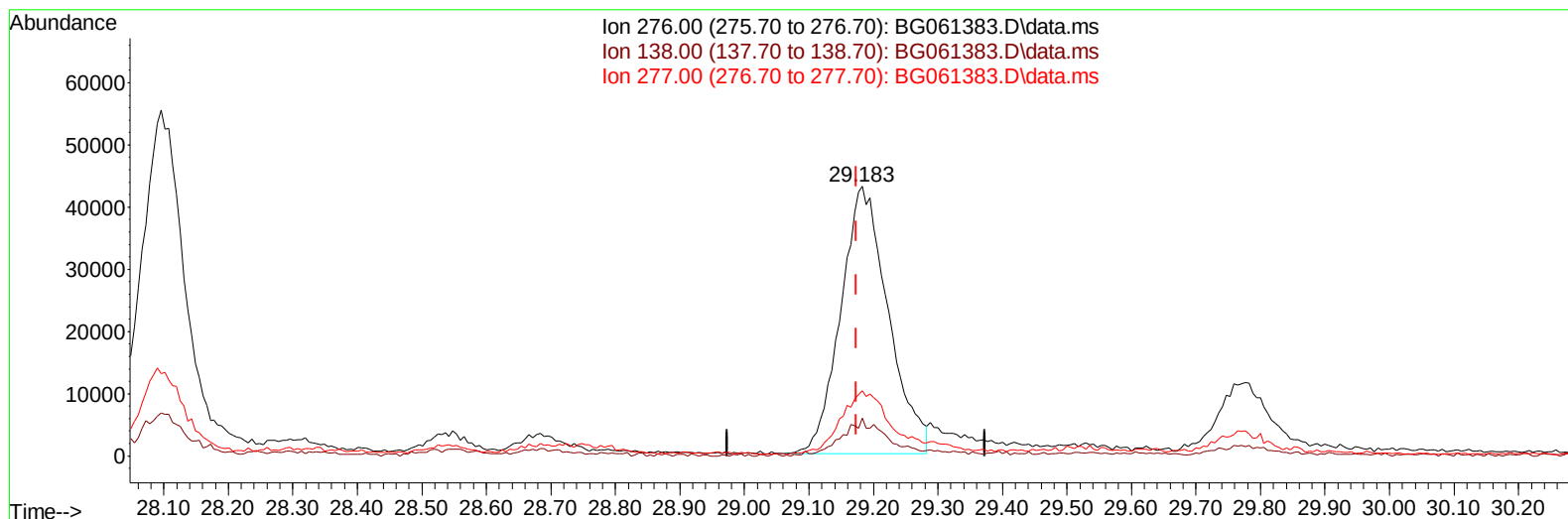
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

Manual IntegrationsAPPROVED

Quant Time: May 31 08:03:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061383.D\data.ms

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

29.183min (+ 0.009) 18.22 ng/u1

response 219262

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	14.05#
277.00	22.70	24.31
0.00	0.00	0.00

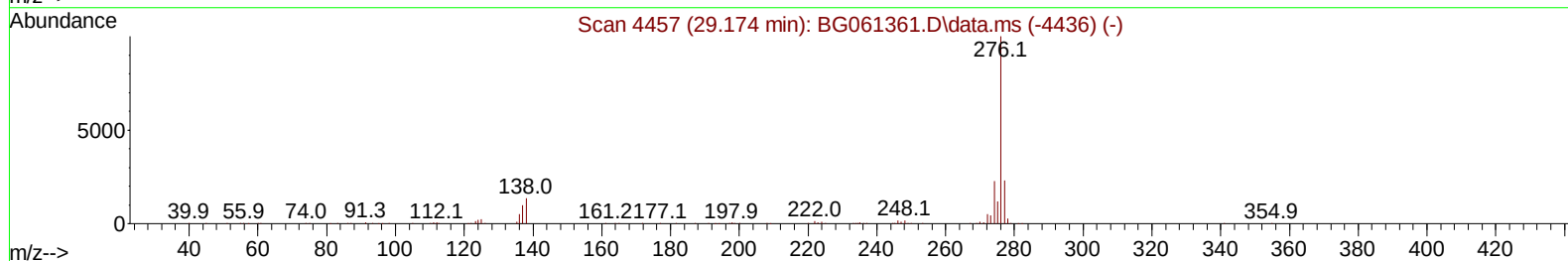
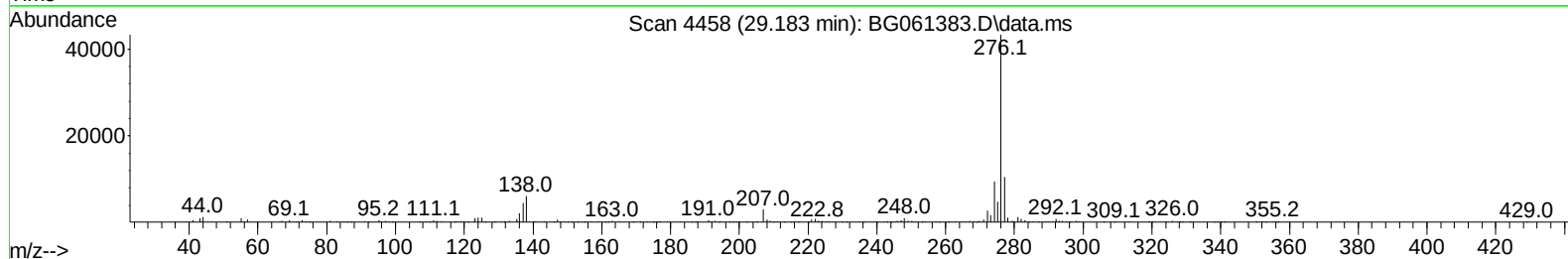
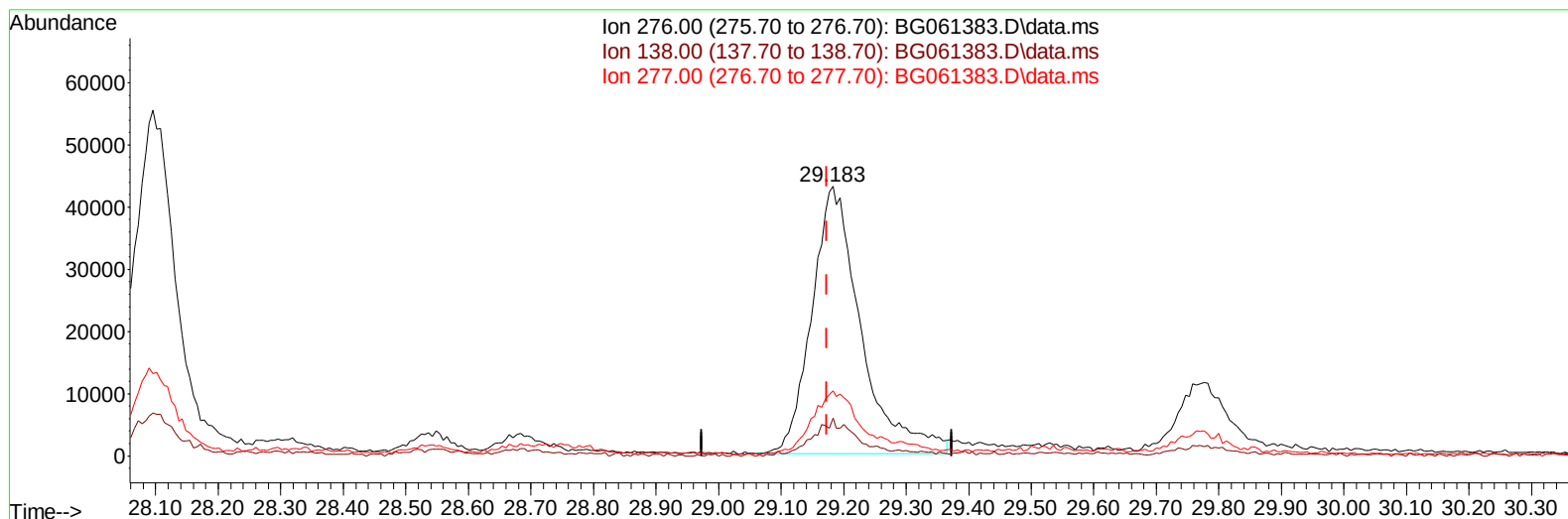
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

Manual IntegrationsAPPROVED

Quant Time: May 31 08:03:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061383.D\data.ms

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

29.183min (+ 0.009) 19.54 ng/ul m

response 235074

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	14.05#
277.00	22.70	24.31
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061383.D
 Acq On : 31 May 2024 7:29
 Operator : MA/JU
 Sample : P2570-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6C0

Manual IntegrationsAPPROVED

Quant Time: May 31 08:04:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.872	152		28191	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136		110239	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.506	164		80531	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.255	188		181250	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.515	240		188594	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264		221234	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.337	96		2479	4.921	ng/uL	0.00
4) Pyridine-d5	3.742	84		38926	21.721	ng/ul	0.00
7) Phenol-d5	7.056	99		61868	26.724	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67		39360	27.049	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132		51966	30.330	ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113		49467	25.059	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128		26411	31.117	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143		29793	29.993	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165		60584	31.285	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131		62144	24.529	ng/ul	0.00
46) Dimethylphthalate-d6	13.912	166		194016	31.063	ng/ul	0.00
49) Acenaphthylene-d8	14.200	160		213551	32.888	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143		19254m	24.934	ng/ul	0.00
60) Fluorene-d10	15.505	176		174650	32.388	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200		22814	20.811	ng/ul	0.00
73) Anthracene-d10	17.355	188		270717	33.879	ng/ul	0.00
81) Pyrene-d10	19.653	212		337084	34.810	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.388	264		367211	34.525	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.716	128		40819	7.015	ng/ul	99
36) 2-Methylnaphthalene	12.326	142		6481	1.536	ng/ul	92
52) Acenaphthene	14.570	153		31593	6.689	ng/ul	95
56) Dibenzofuran	14.905	168		22482	3.329	ng/ul	98
61) Fluorene	15.557	166		22334	3.822	ng/ul	97
72) Phenanthrene	17.302	178		352114	40.026	ng/ul	99
74) Anthracene	17.391	178		67904	7.465	ng/ul	97
77) Carbazole	17.661	167		48438	6.547	ng/ul	97
80) Fluoranthene	19.318	202		612358	52.714	ng/ul	99
82) Pyrene	19.682	202		547759	45.427	ng/ul	100
85) Benzo(a)anthracene	21.492	228		373432	28.697	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149		16235	2.648	ng/ul#	97
87) Chrysene	21.556	228		355652	29.682	ng/ul	97
90) Benzo(b)fluoranthene	23.624	252		527115	40.017	ng/ul	99
91) Benzo(k)fluoranthene	23.683	252		187495m	14.021	ng/ul	
93) Benzo(a)pyrene	24.459	252		390108	31.189	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.096	276		249523	16.497	ng/ul	98
95) Dibenzo(a,h)anthracene	28.131	278		62887	5.042	ng/ul#	95
96) Benzo(g,h,i)perylene	29.183	276		235074m	19.536	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

Manual IntegrationsAPPROVED

Quant Time: May 31 08:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

