

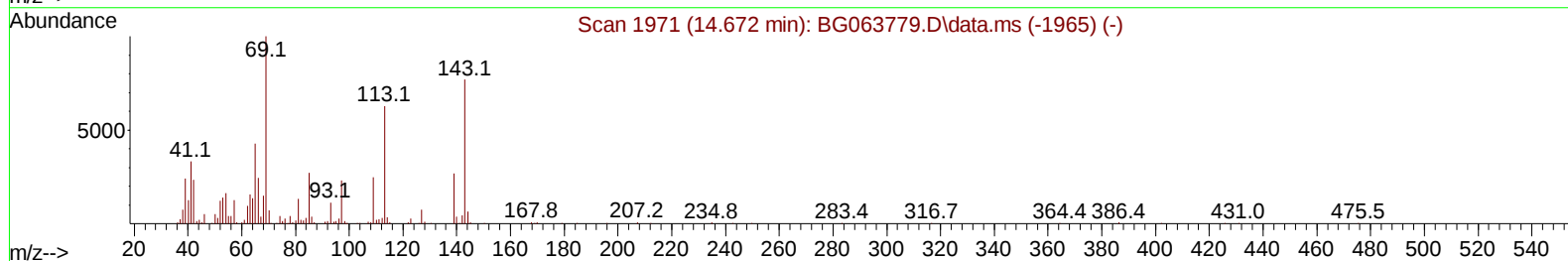
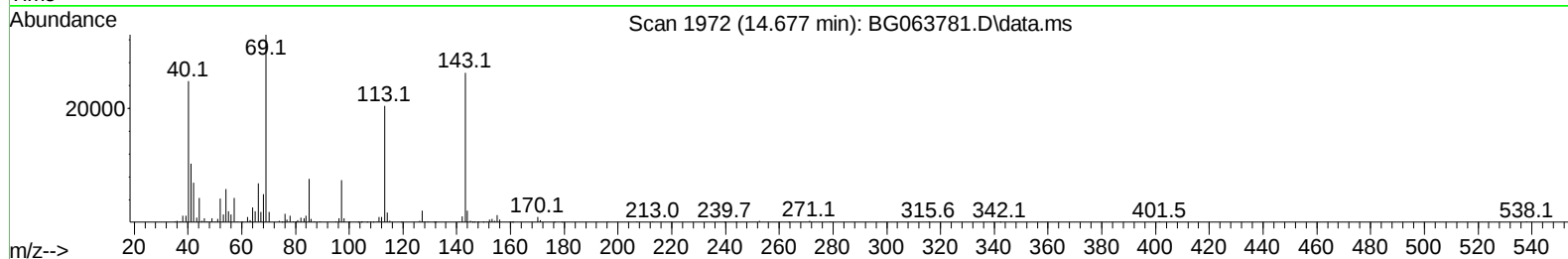
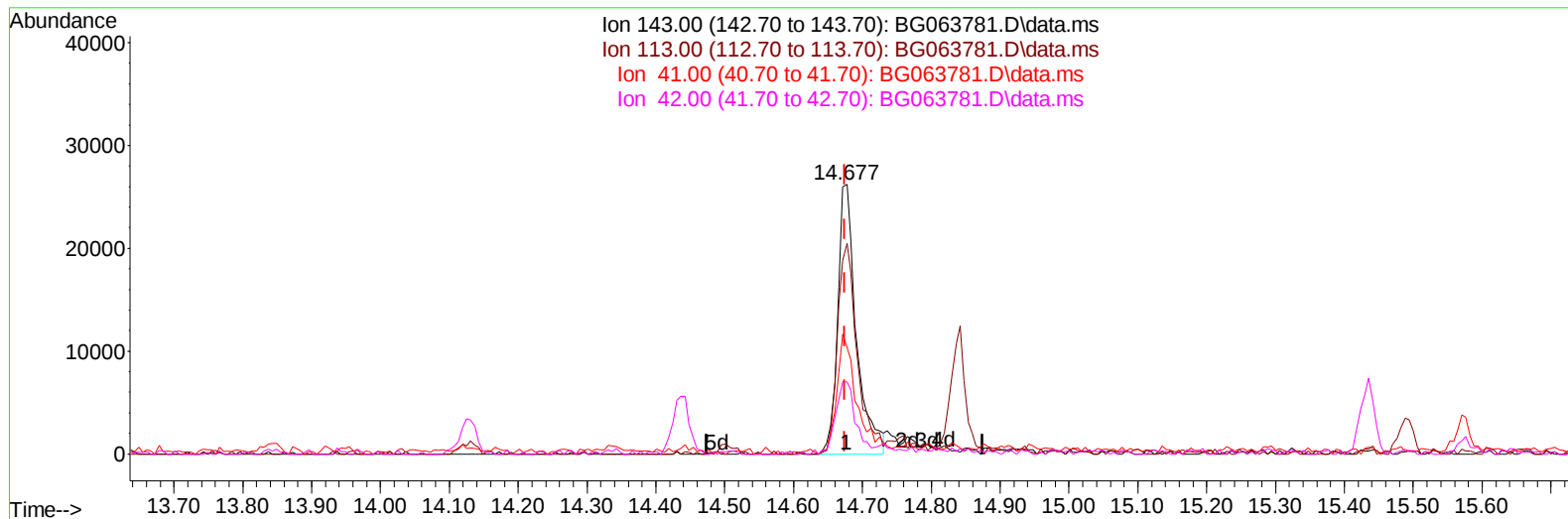
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 23 13:52:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration



TIC: BG063781.D\data.ms

(54) 4-Nitrophenol-d4 (S)**14.677min (+ 0.003) 16.62 ng/u1****response 49582**

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	78.08
41.00	48.20	39.43
42.00	26.60	26.80

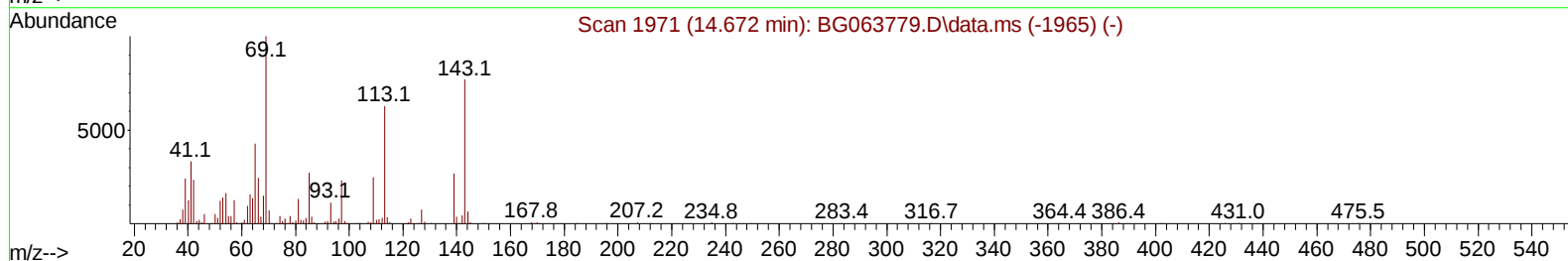
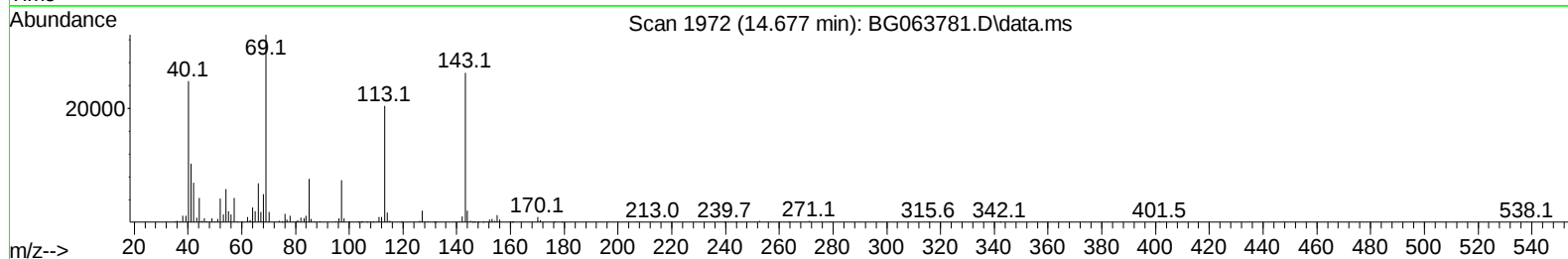
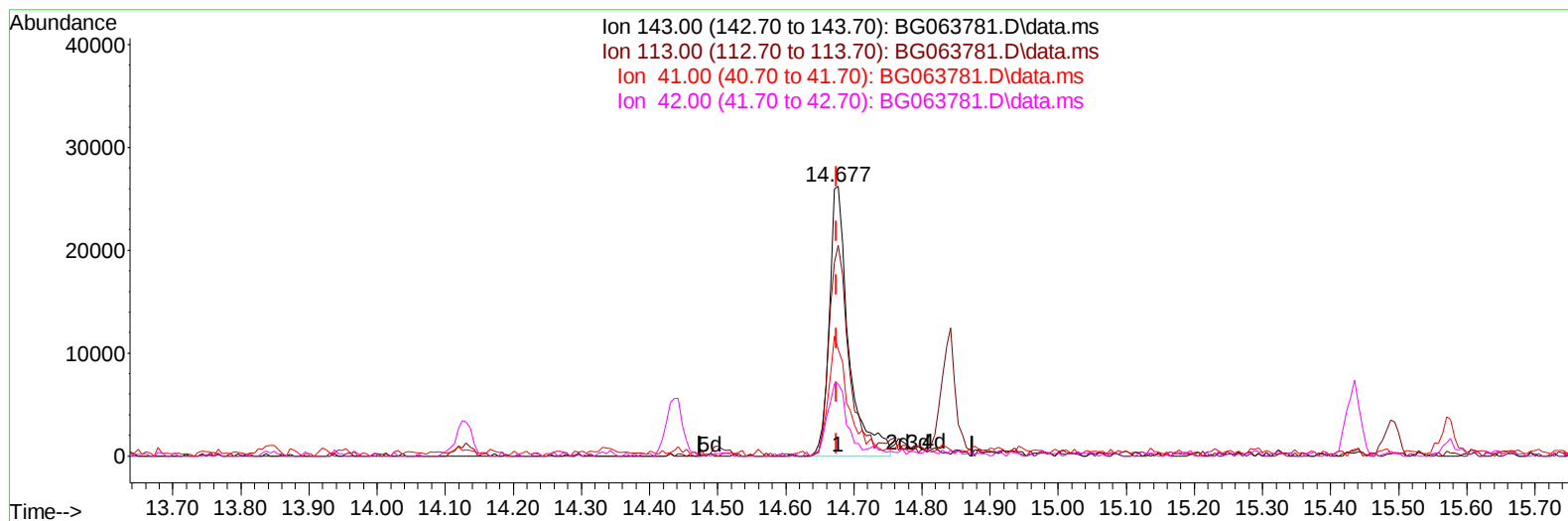
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:52:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063781.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.677min (+ 0.003) 17.39 ng/ul m

response 51882

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	78.08
41.00	48.20	39.43
42.00	26.60	26.80

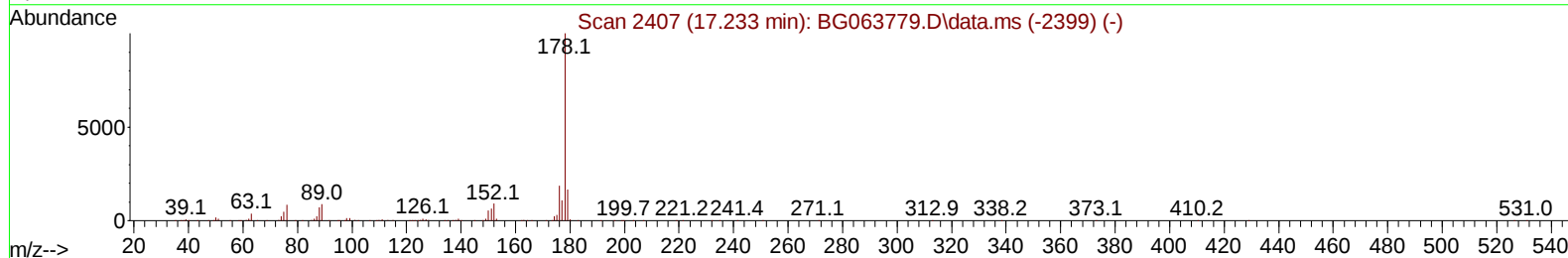
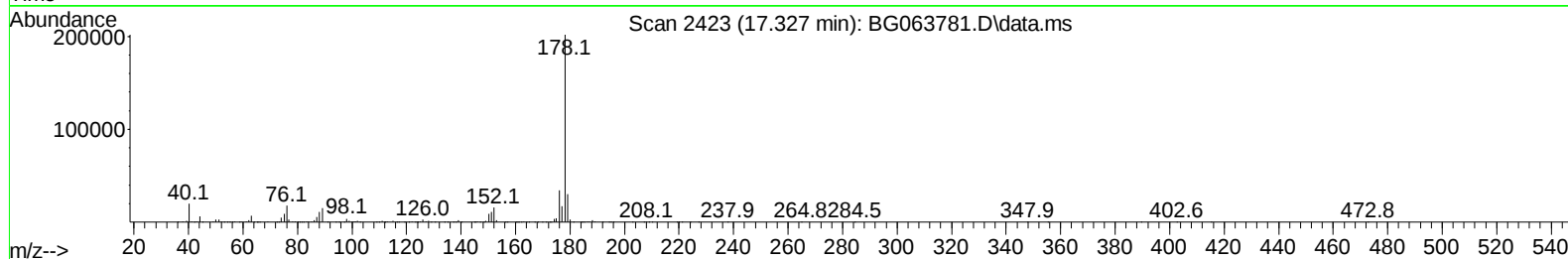
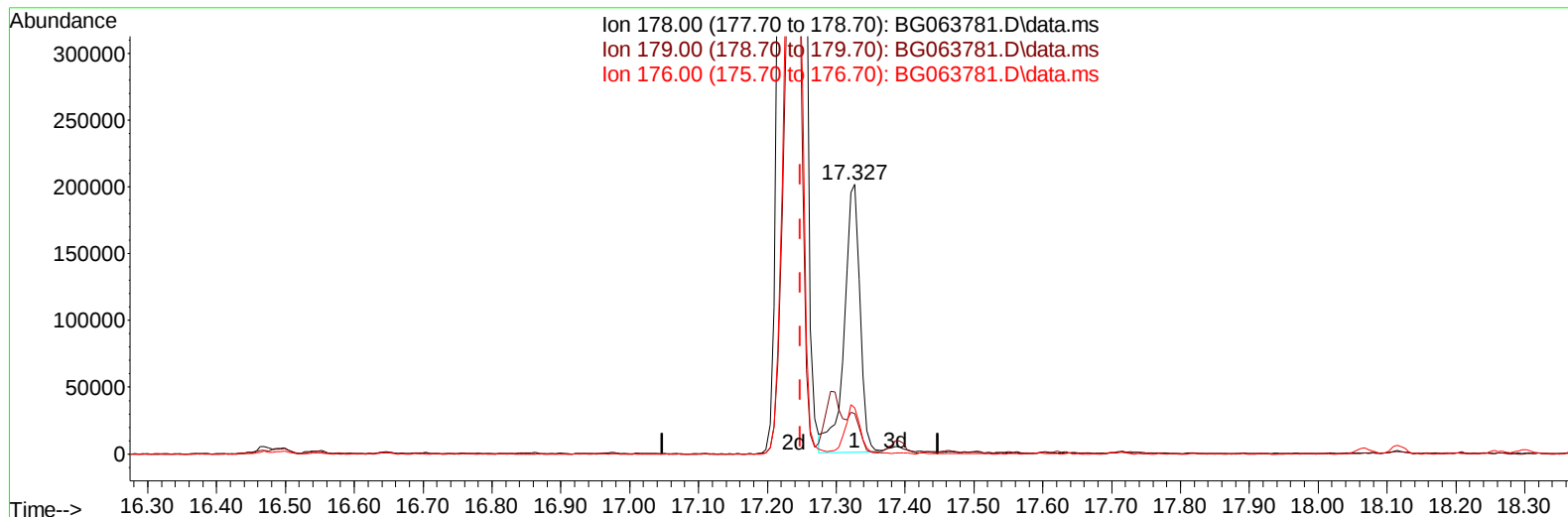
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063781.D\data.ms

(72) Phenanthrene

17.327min (+ 0.079) 8.55 ng/u1

response 322284

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	15.08
176.00	19.70	17.02
0.00	0.00	0.00

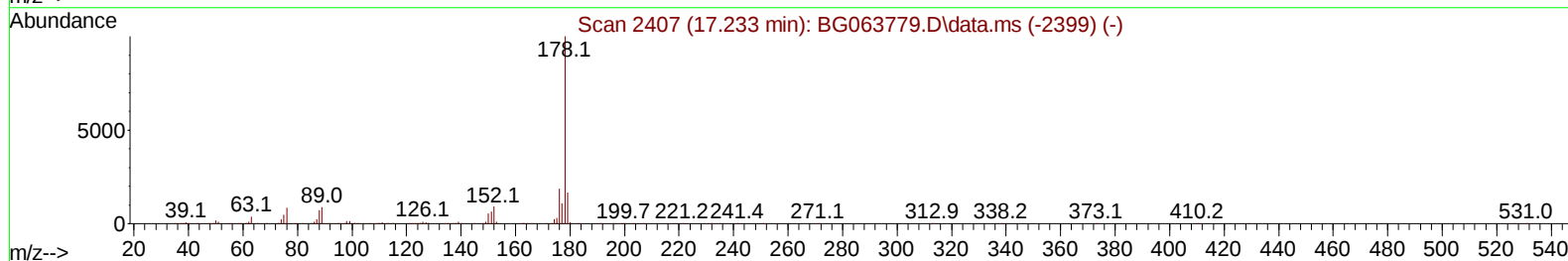
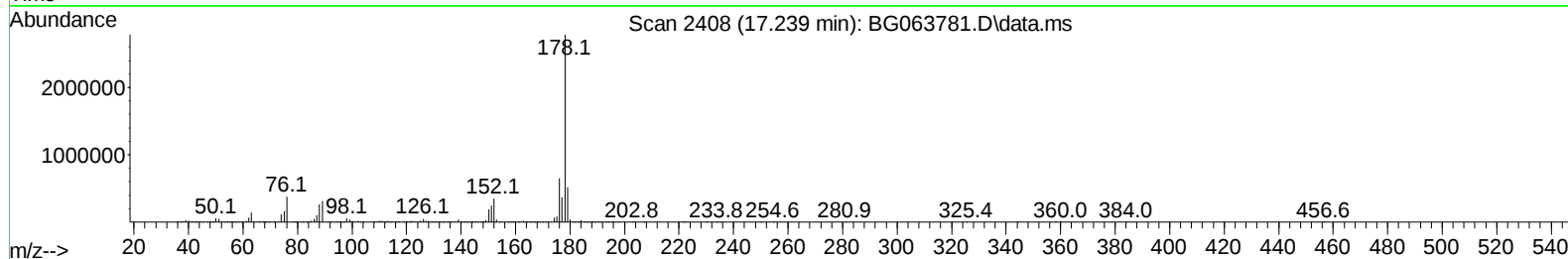
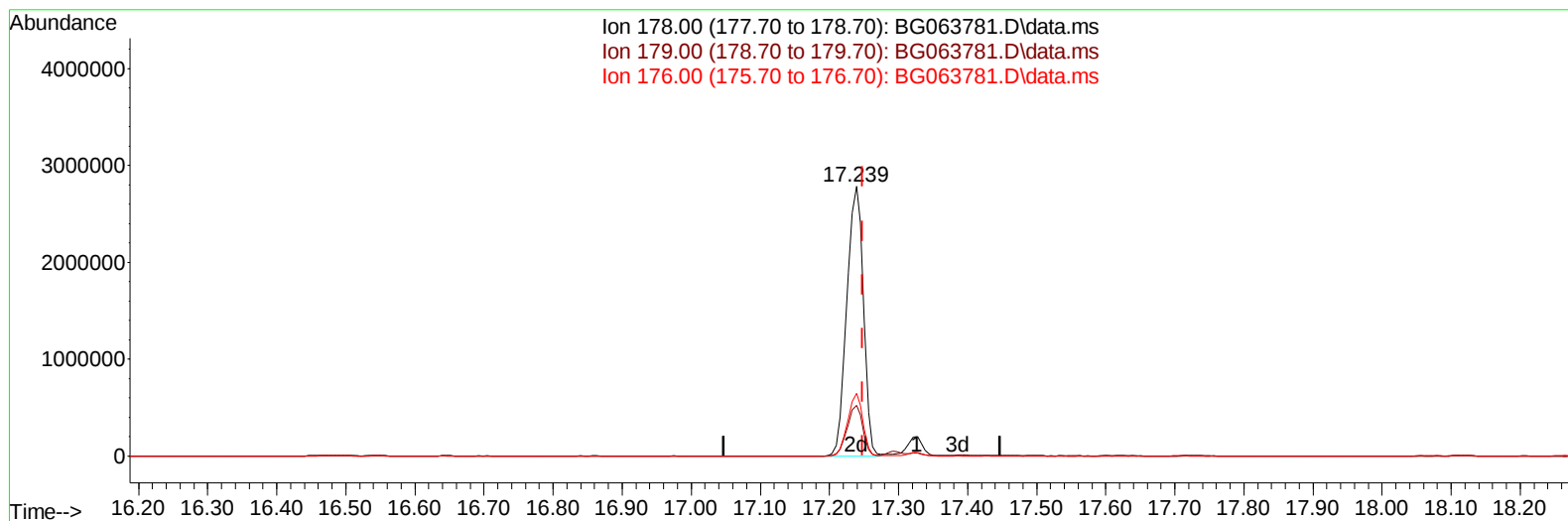
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063781.D\data.ms

(72) Phenanthrene

17.239min (-0.009) 123.16 ng/ul m

response 4640777

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	18.81#
176.00	19.70	23.35
0.00	0.00	0.00

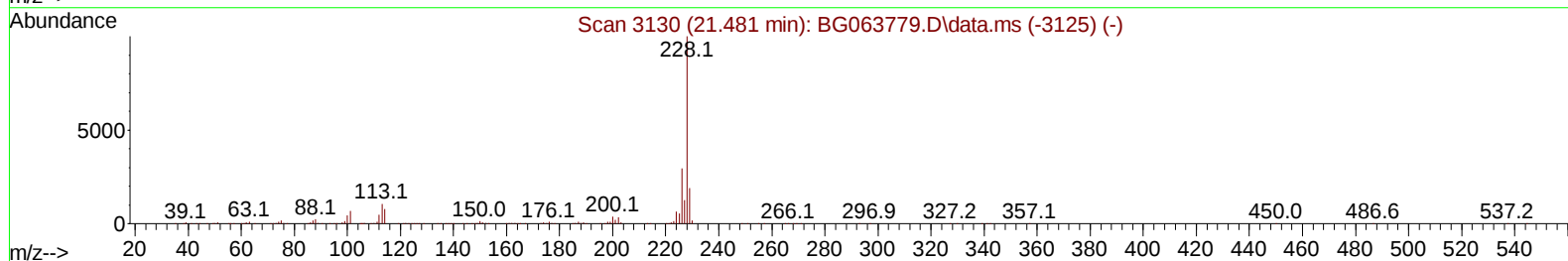
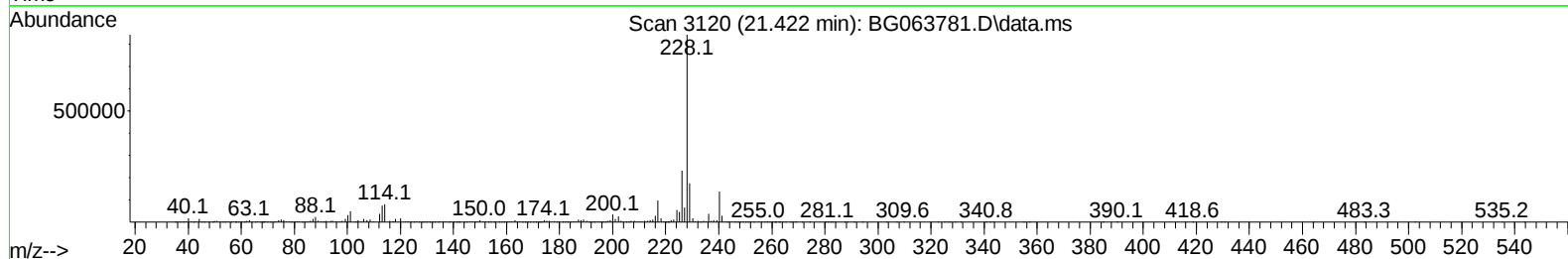
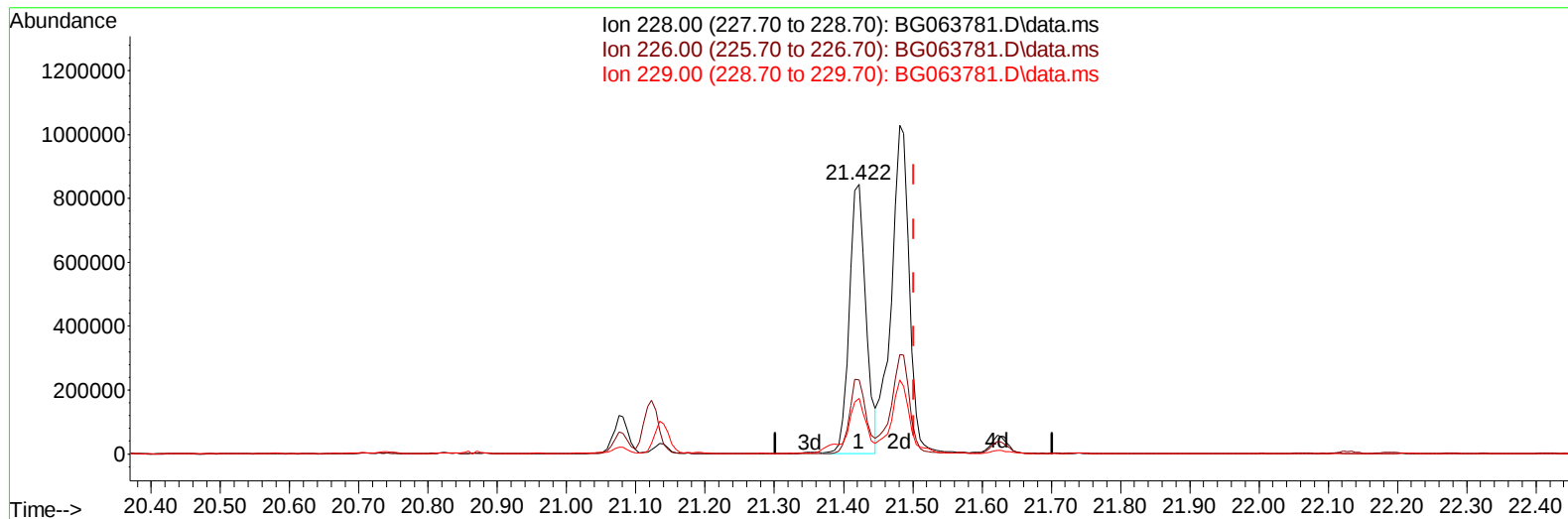
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063781.D\data.ms

(87) Chrysene

21.422min (-0.079) 29.25 ng/u1

response 1405889

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	27.40
229.00	18.50	20.72
0.00	0.00	0.00

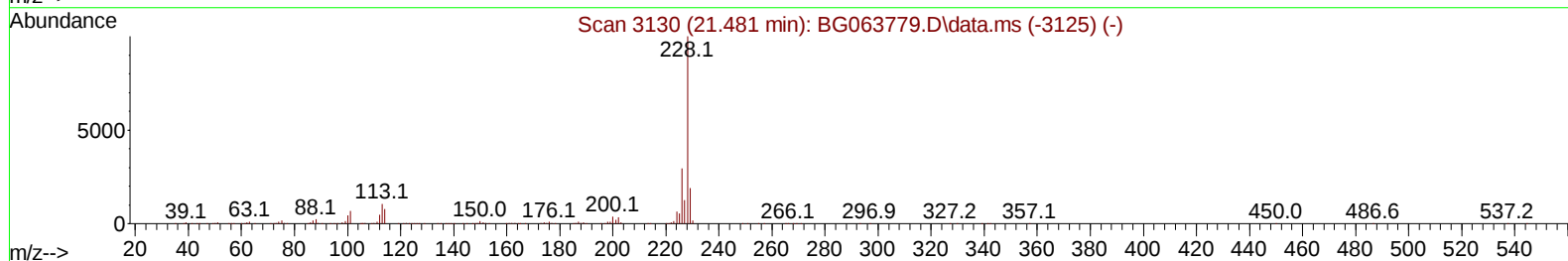
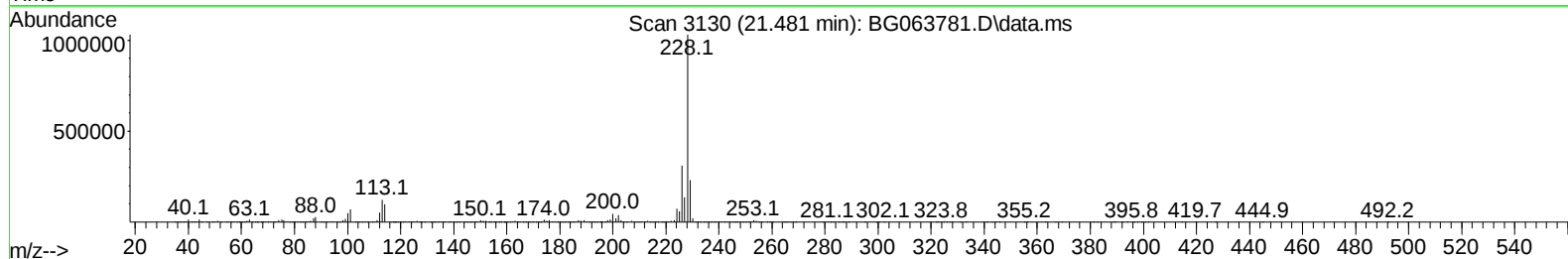
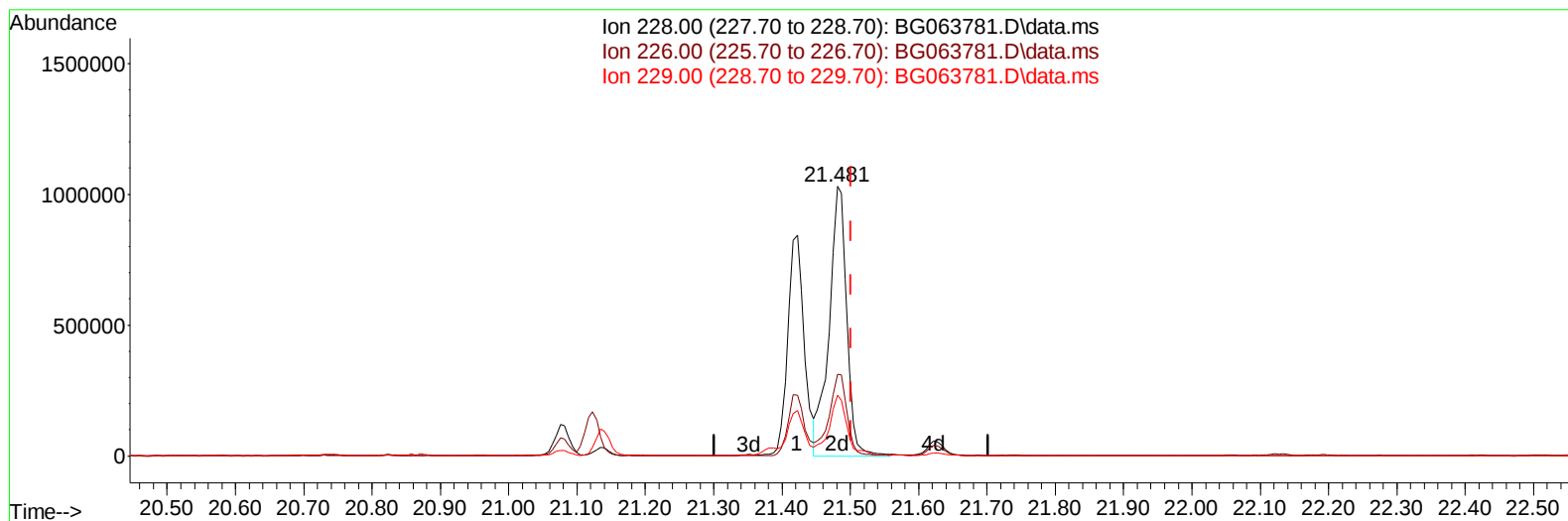
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063781.D\data.ms

(87) Chrysene

21.481min (-0.021) 38.58 ng/ul m

response 1854462

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	30.28
229.00	18.50	22.54#
0.00	0.00	0.00

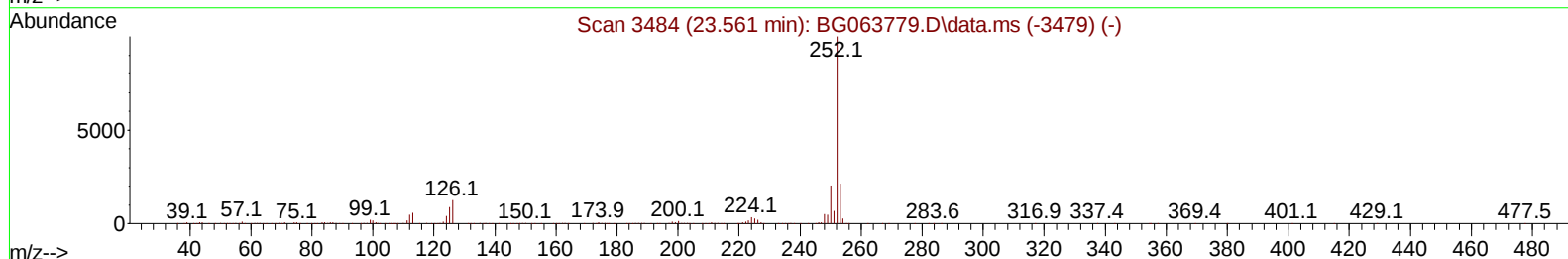
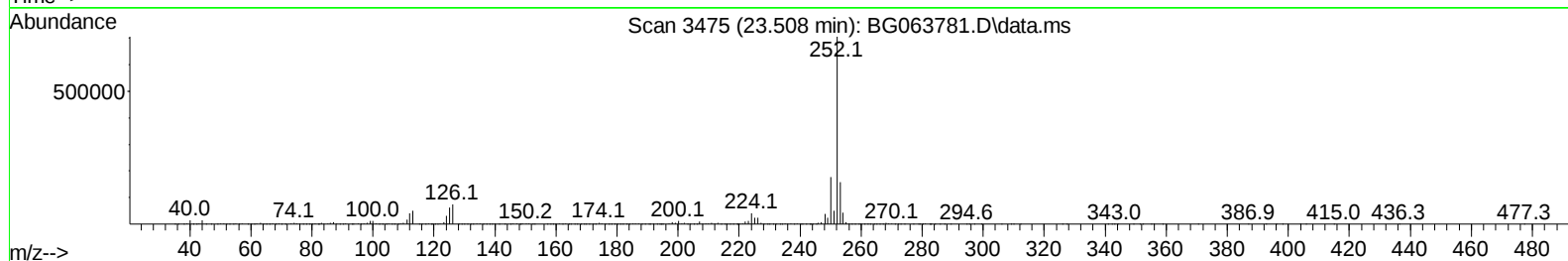
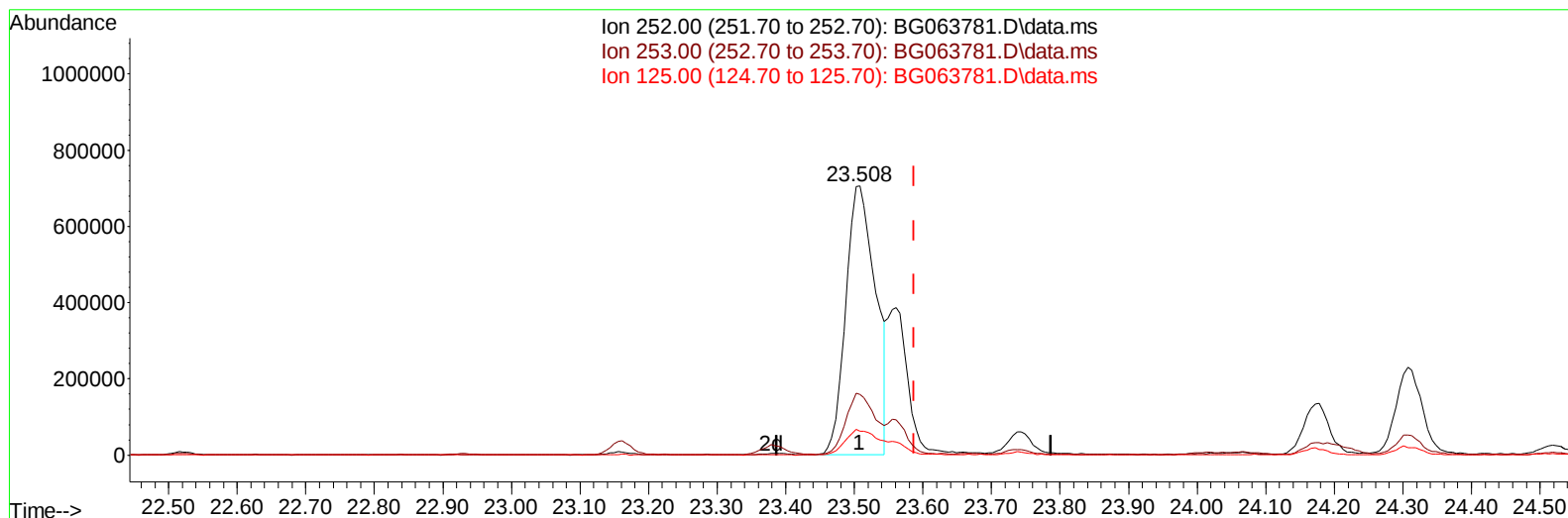
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 23 13:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration



TIC: BG063781.D\data.ms

(91) Benzo(k)fluoranthene

23.508min (-0.079) 43.97 ng/u1

response 2129374

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.51
125.00	8.10	8.87
0.00	0.00	0.00

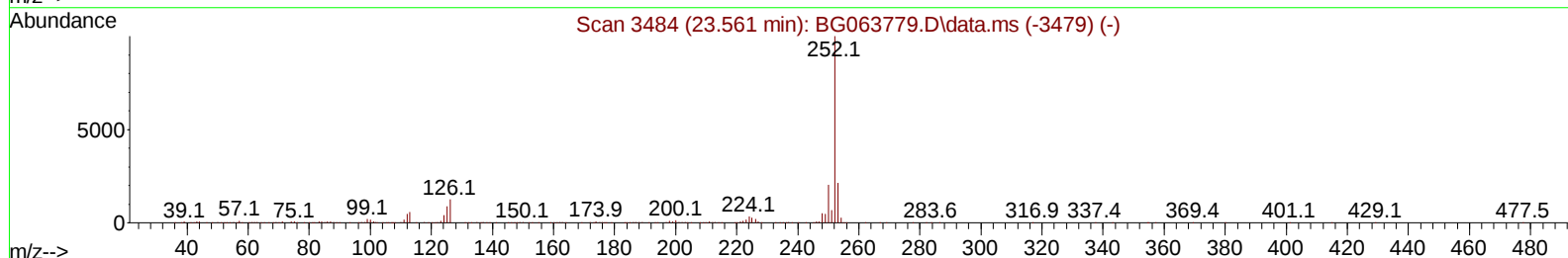
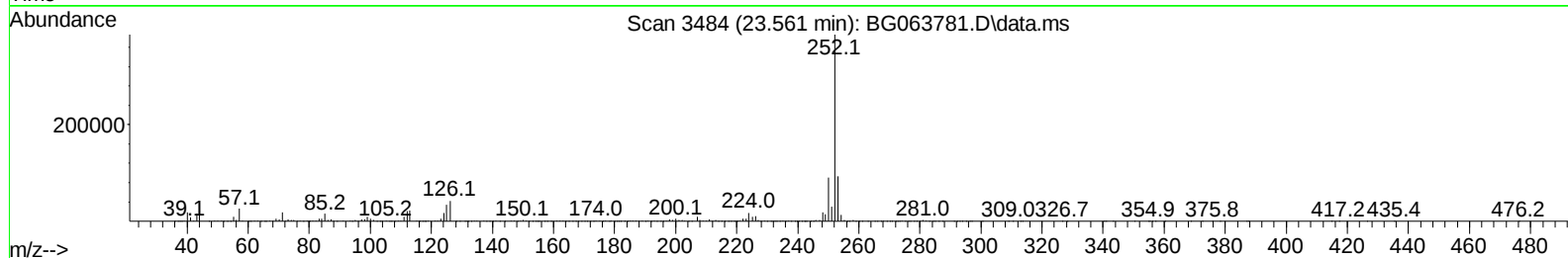
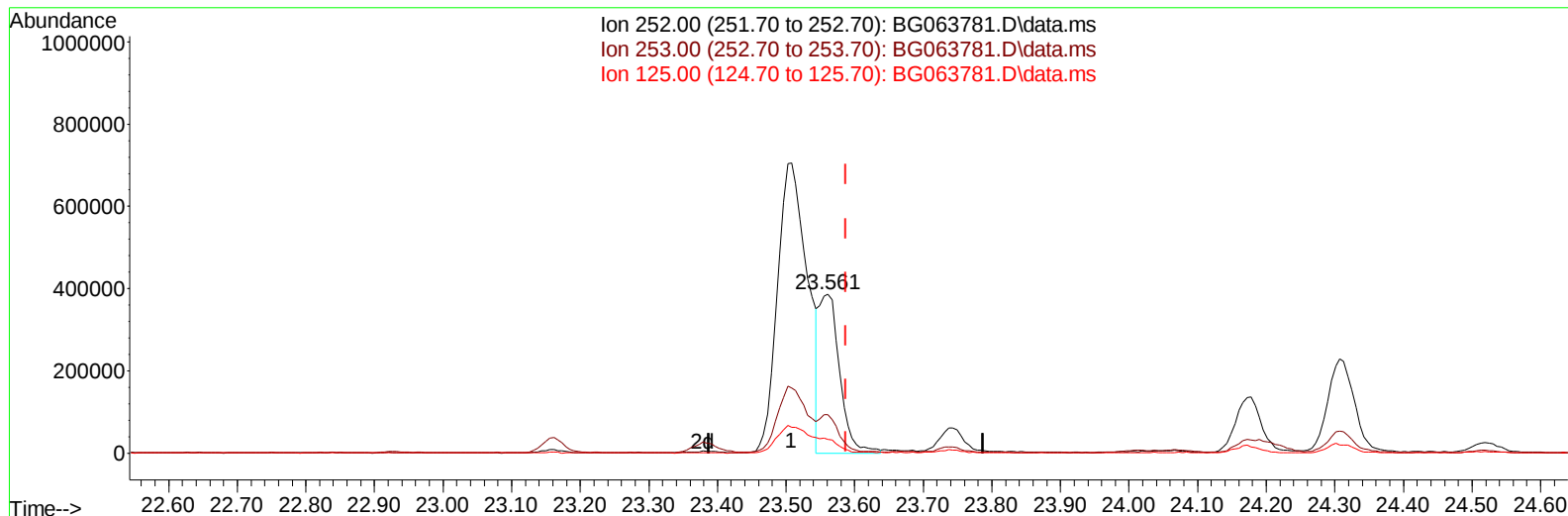
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 23 13:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration



TIC: BG063781.D\data.ms

(91) Benzo(k)fluoranthene

23.561min (-0.026) 16.49 ng/u1 m

response 798649

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.01
125.00	8.10	8.72
0.00	0.00	0.00

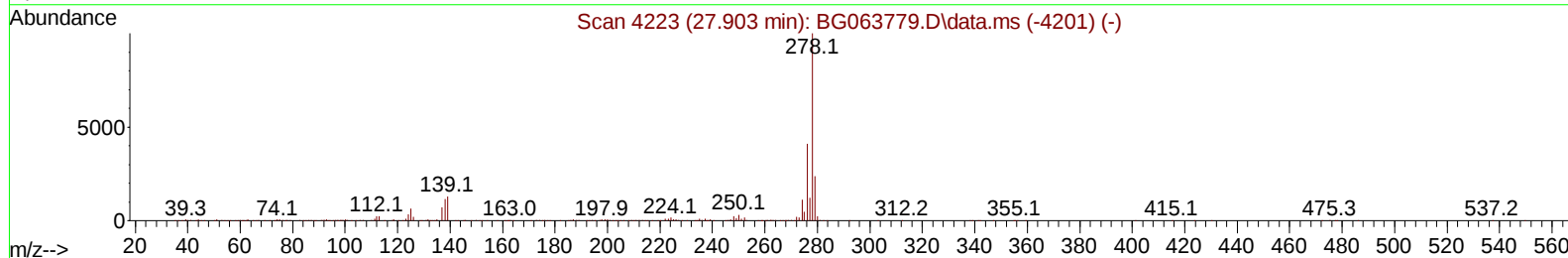
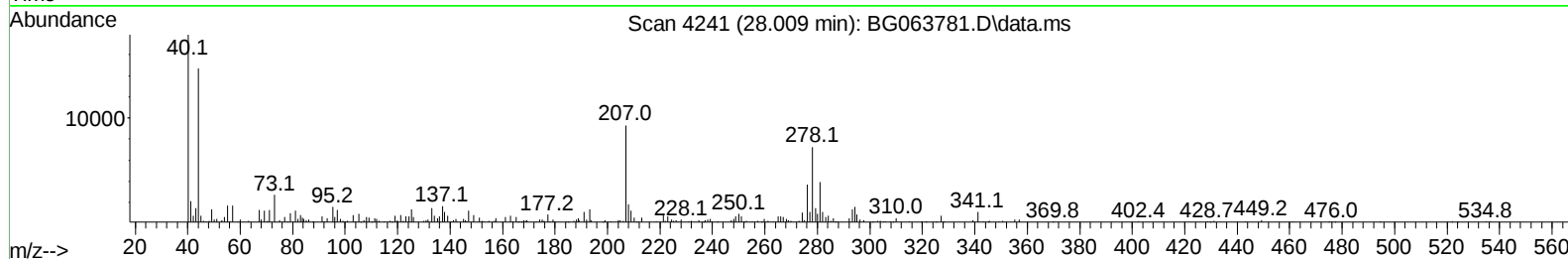
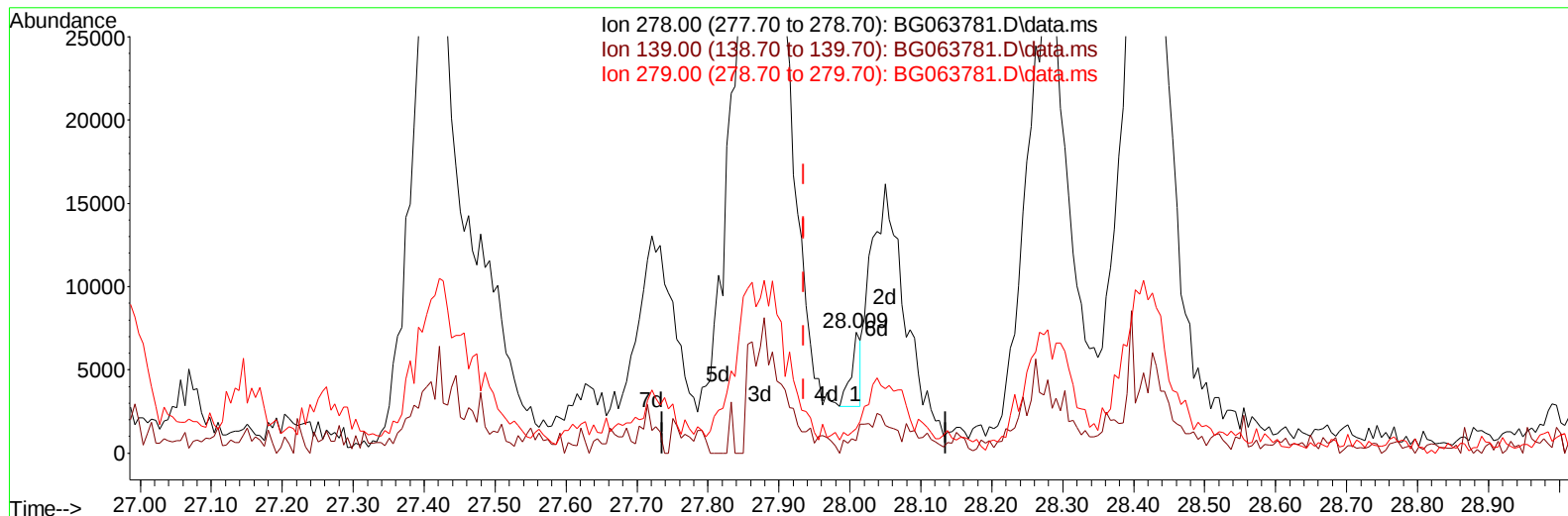
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063781.D\data.ms

(95) Dibenzo(a,h)anthracene

28.009min (+ 0.073) 0.10 ng/u1

response 4383

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.10	10.34
279.00	21.60	20.33
0.00	0.00	0.00

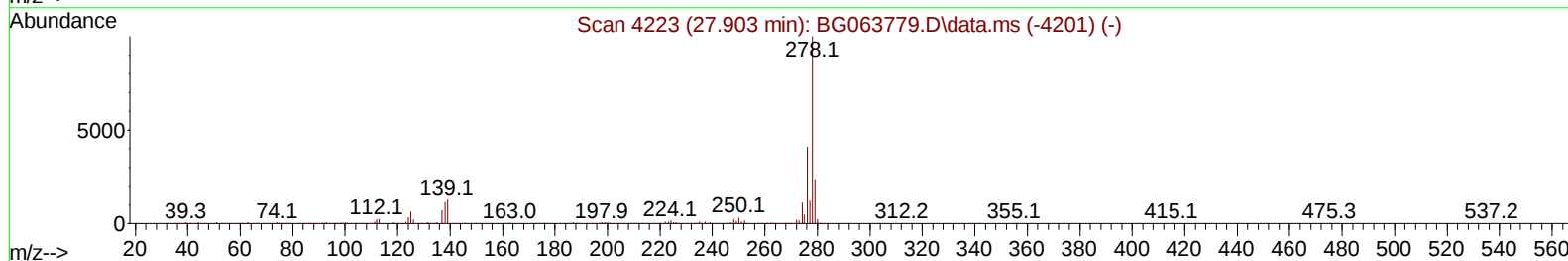
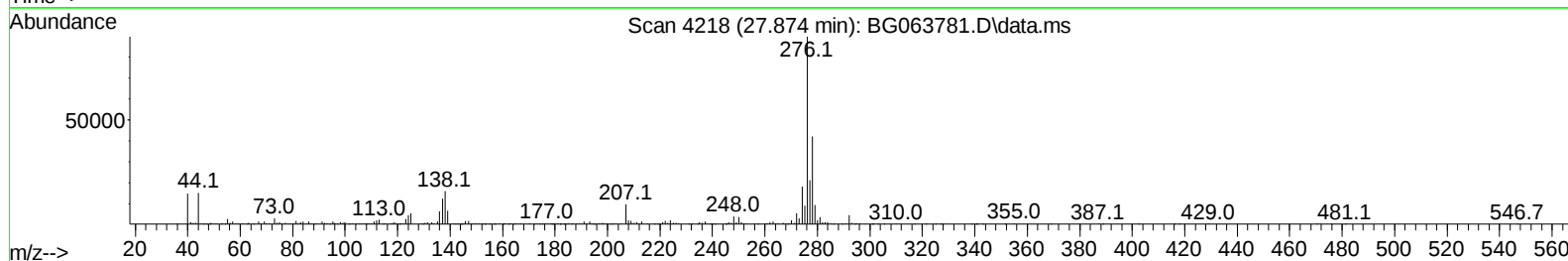
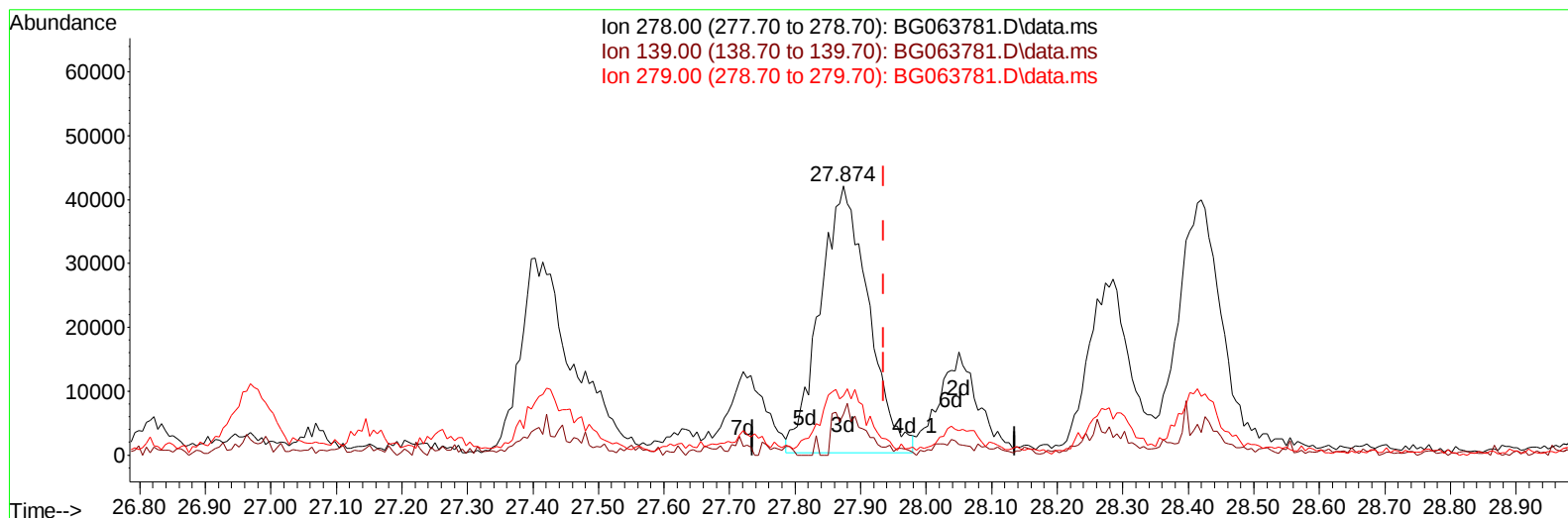
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063781.D\data.ms

(95) Dibenzo(a,h)anthracene

27.874min (-0.062) 4.83 ng/u1 m

response 214984

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.10	15.18#
279.00	21.60	22.15
0.00	0.00	0.00

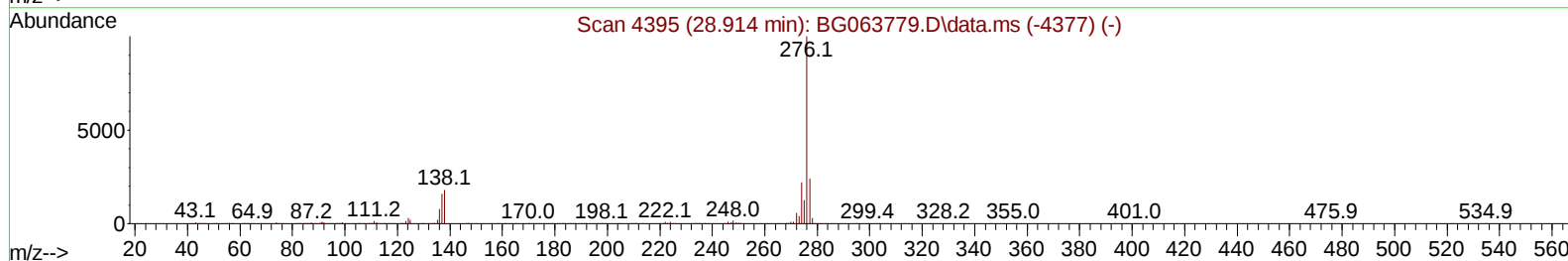
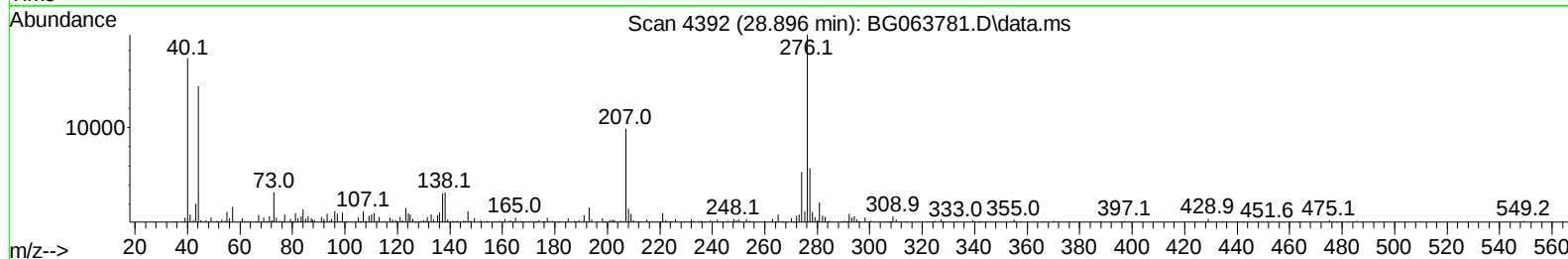
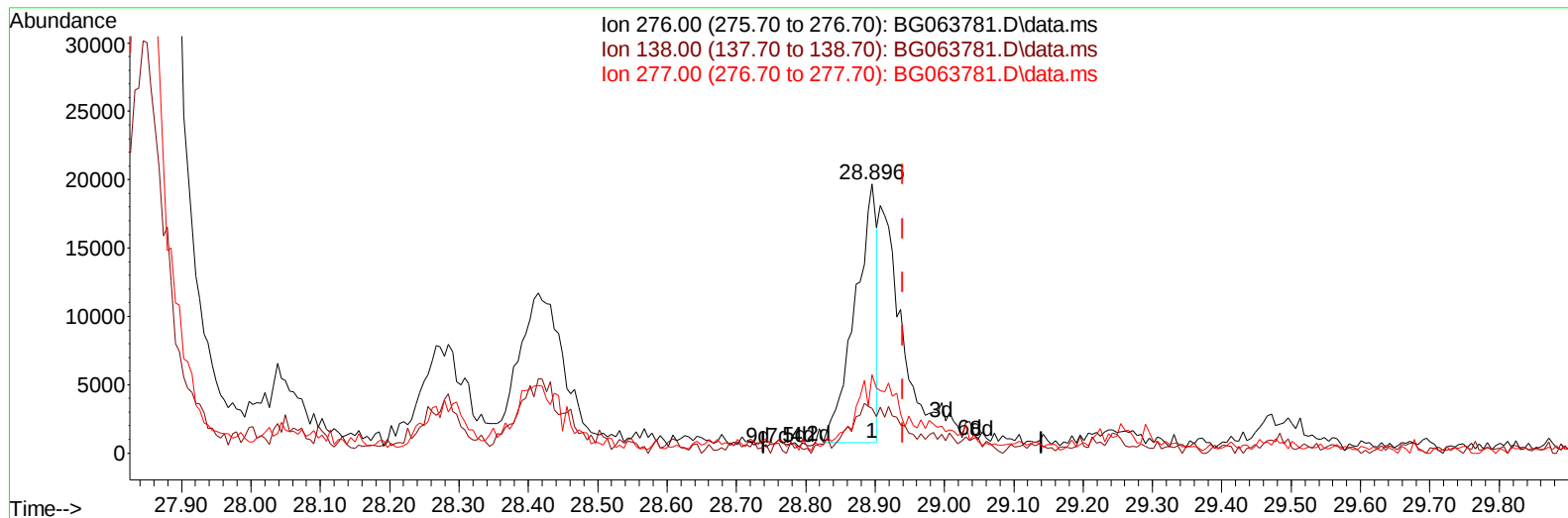
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063781.D\data.ms

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

28.896min (-0.044) 0.93 ng/u1

response 40979

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	16.62
277.00	22.30	29.23#
0.00	0.00	0.00

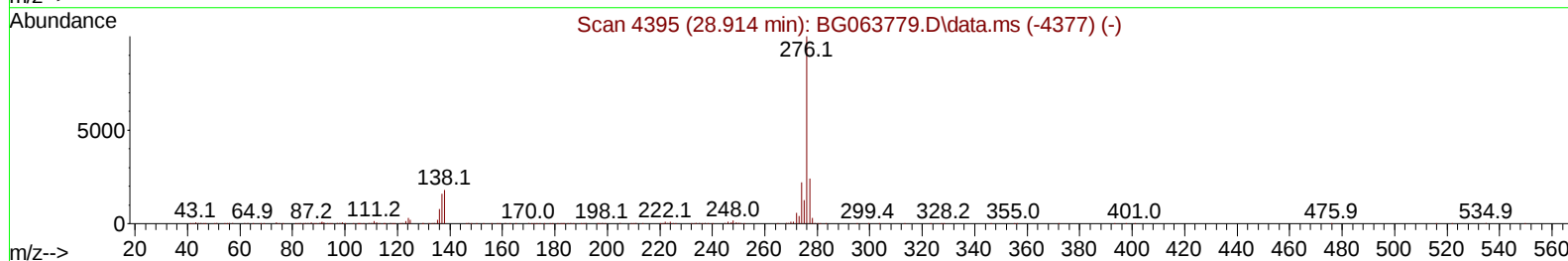
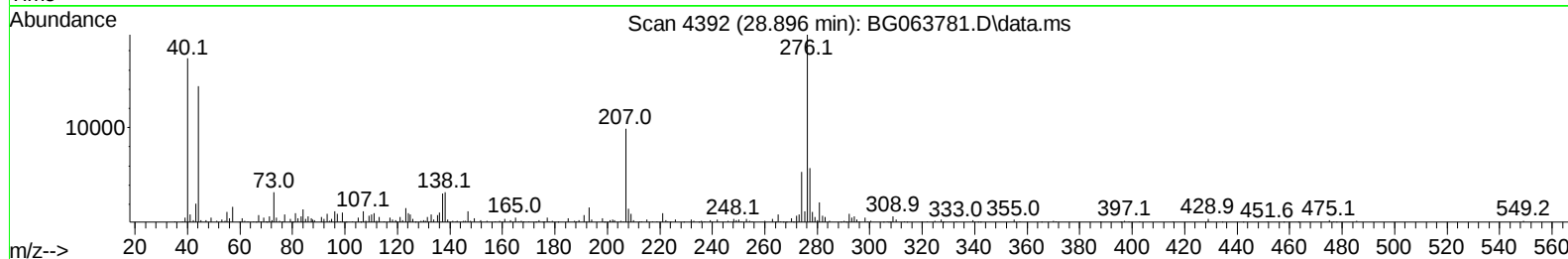
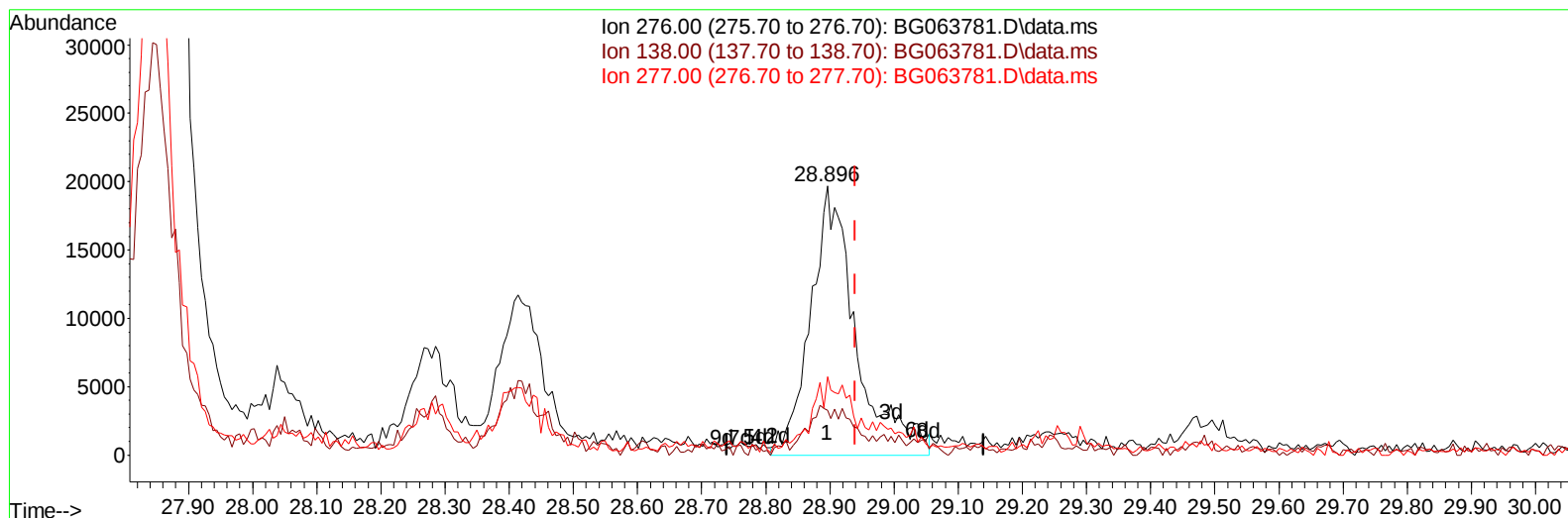
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063781.D\data.ms

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

28.896min (-0.044) 2.20 ng/ul m

response 97334

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	16.62
277.00	22.30	29.23#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063781.D
 Acq On : 23 Dec 2024 13:11
 Operator : RC/JU
 Sample : P5265-18ME
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 23:55:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	92637	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.588	136	389212	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.436	164	309418	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.192	188	781932	20.000	ng/ul	-0.01
79) Chrysene-d12	21.440	240	804781	20.000	ng/ul	-0.02
88) Perylene-d12	24.448	264	854251	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.261	96	7304	3.090	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.986	99	146952	17.224	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.127	67	99254	16.844	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.339	132	97235	17.604	ng/ul	0.00
15) 4-Methylphenol-d8	8.520	113	96994	14.643	ng/ul	0.00
21) Nitrobenzene-d5	8.955	128	50200	18.064	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.671	143	53739	17.251	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.224	165	107476	17.820	ng/ul	0.00
31) 4-Chloroaniline-d4	10.729	131	67246	8.781	ng/ul	-0.01
46) Dimethylphthalate-d6	13.843	166	424563	20.165	ng/ul	-0.01
49) Acenaphthylene-d8	14.131	160	479466	19.977	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.677	143	51882m	17.392	ng/ul	0.00
60) Fluorene-d10	15.435	176	400792	21.530	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.570	200	63315	15.596	ng/ul	0.00
73) Anthracene-d10	17.292	188	749838	22.305	ng/ul	-0.01
81) Pyrene-d10	19.589	212	745123	17.792	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.243	264	520742	12.981	ng/ul	-0.03
Target Compounds						
					Qvalue	
16) Acetophenone	8.614	105	84460	7.517	ng/ul	86
30) Naphthalene	10.635	128	133290	6.850	ng/ul#	97
36) 2-Methylnaphthalene	12.251	142	65808	4.705	ng/ul	98
37) 1-Methylnaphthalene	12.468	142	45498	3.194	ng/ul	99
43) 1,1'-Biphenyl	13.267	154	36999	1.813	ng/ul	93
52) Acenaphthene	14.501	153	205360	11.258	ng/ul	97
56) Dibenzofuran	14.836	168	384770	14.962	ng/ul	96
61) Fluorene	15.488	166	234082	11.400	ng/ul	96
72) Phenanthrene	17.239	178	4640777m	123.159	ng/ul	
74) Anthracene	17.327	178	323116	8.472	ng/ul	98
77) Carbazole	17.597	167	465999	15.095	ng/ul	97
80) Fluoranthene	19.260	202	4871785	102.350	ng/ul#	90
82) Pyrene	19.619	202	3262872	64.430	ng/ul#	91
85) Benzo(a)anthracene	21.422	228	1403085	27.819	ng/ul	99
87) Chrysene	21.481	228	1854462m	38.578	ng/ul	
90) Benzo(b)fluoranthene	23.508	252	2129374	43.858	ng/ul	99
91) Benzo(k)fluoranthene	23.561	252	798649m	16.491	ng/ul	
93) Benzo(a)pyrene	24.307	252	606210	13.302	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.844	276	668560	12.013	ng/ul	96
95) Dibenzo(a,h)anthracene	27.874	278	214984m	4.828	ng/ul	
96) Benzo(g,h,i)perylene	28.896	276	97334m	2.204	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 23 23:55:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

Manual IntegrationsAPPROVED

Quant Time: Dec 23 23:55:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

