

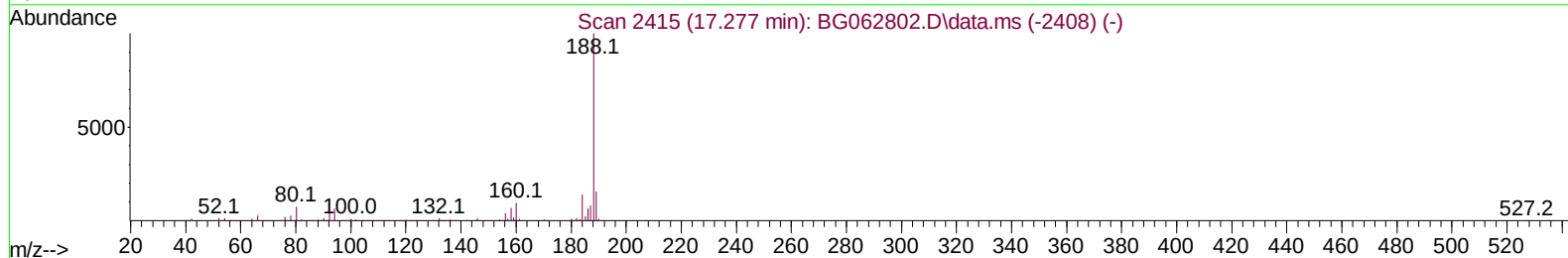
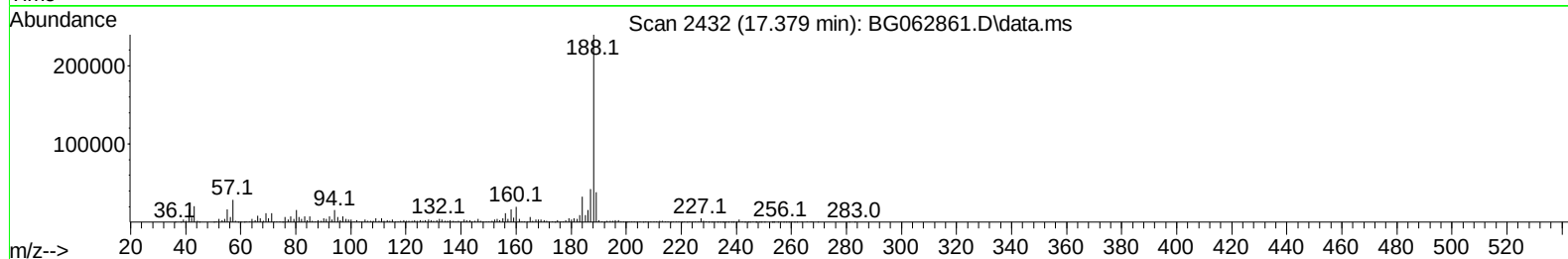
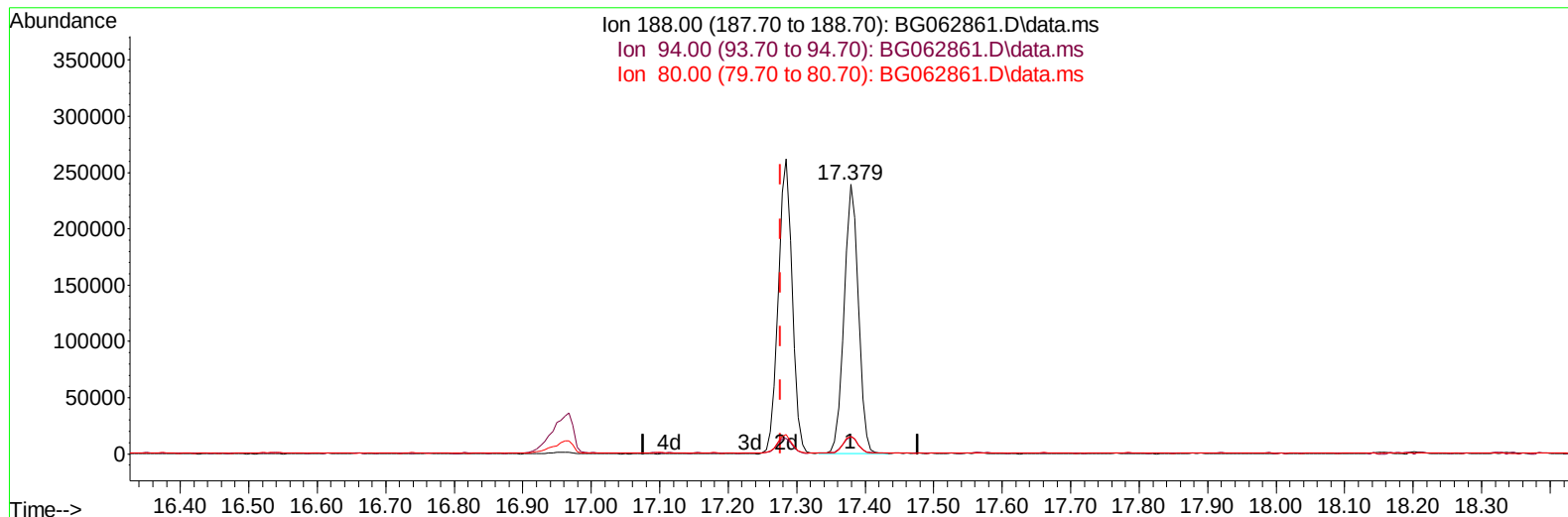
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062861.D
Acq On : 16 Sep 2024 1:23
Operator : JU/RC
Sample : P3899-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 01:57:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062861.D\data.ms

(64) Phenanthrene-d10 (I)

17.379min (+ 0.102) 20.00 ng/ul

response 346911

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.60	6.50
80.00	7.90	6.40
0.00	0.00	0.00

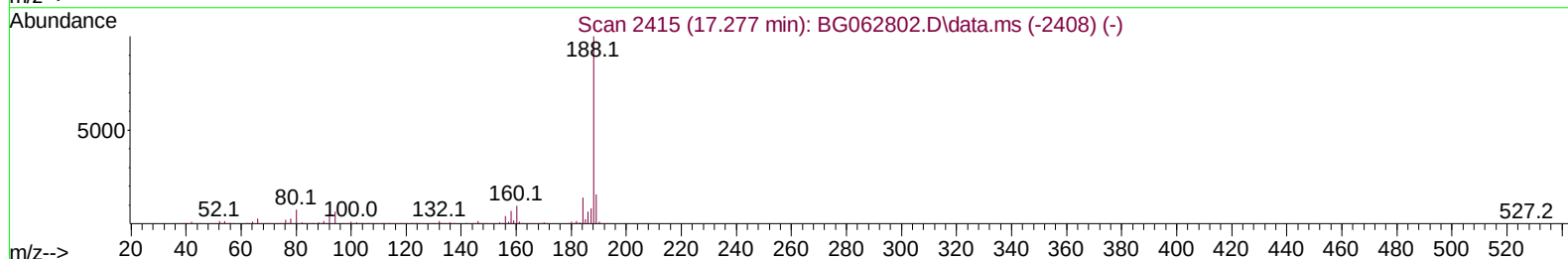
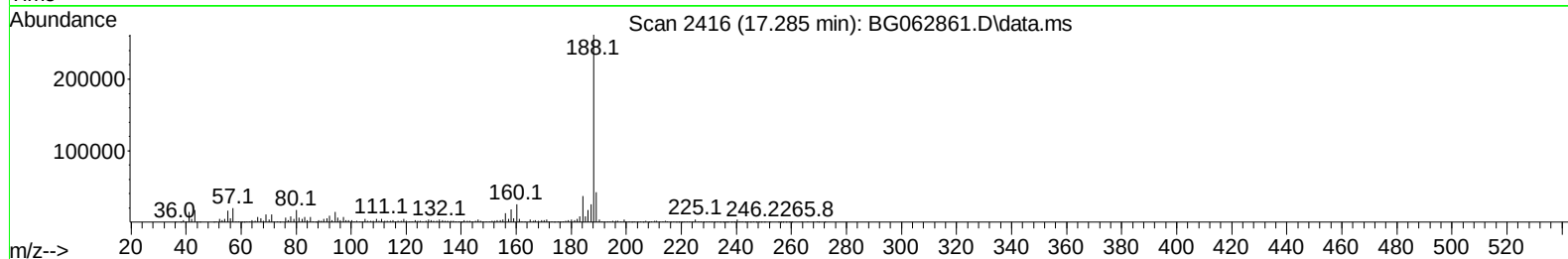
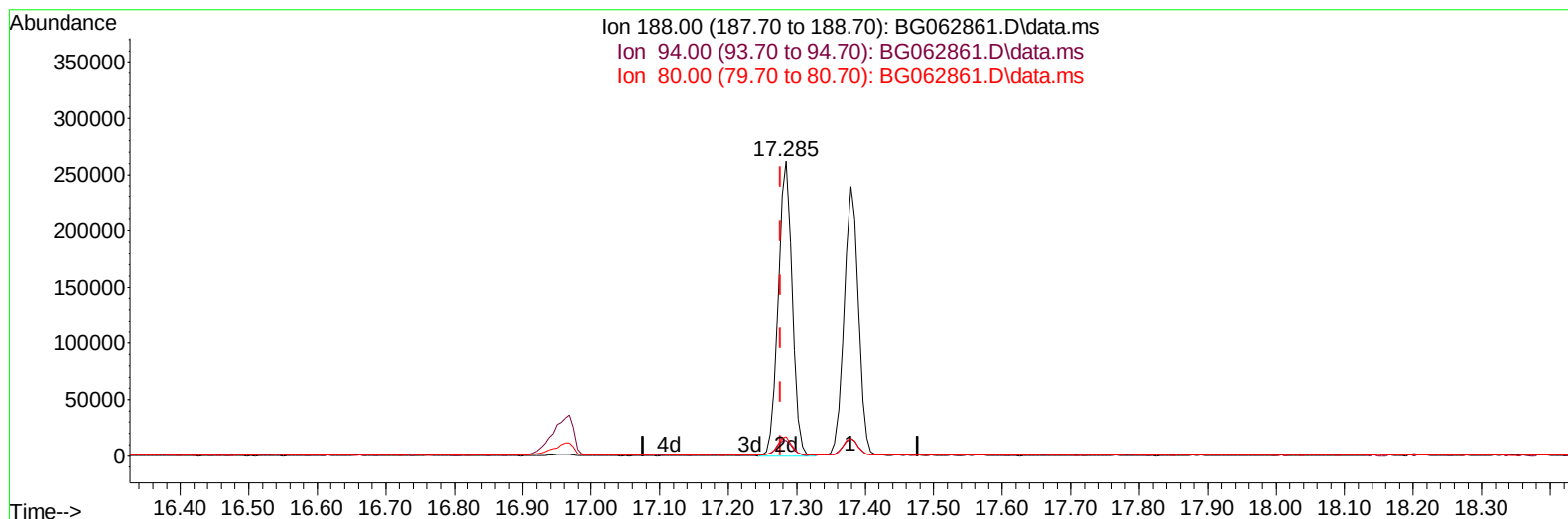
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062861.D
 Acq On : 16 Sep 2024 1:23
 Operator : JU/RC
 Sample : P3899-13
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 01:57:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024



TIC: BG062861.D\data.ms

(64) Phenanthrene-d10 (I)

17.285min (+ 0.008) 20.00 ng/ul m

response 370696

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.60	5.34#
80.00	7.90	6.63
0.00	0.00	0.00

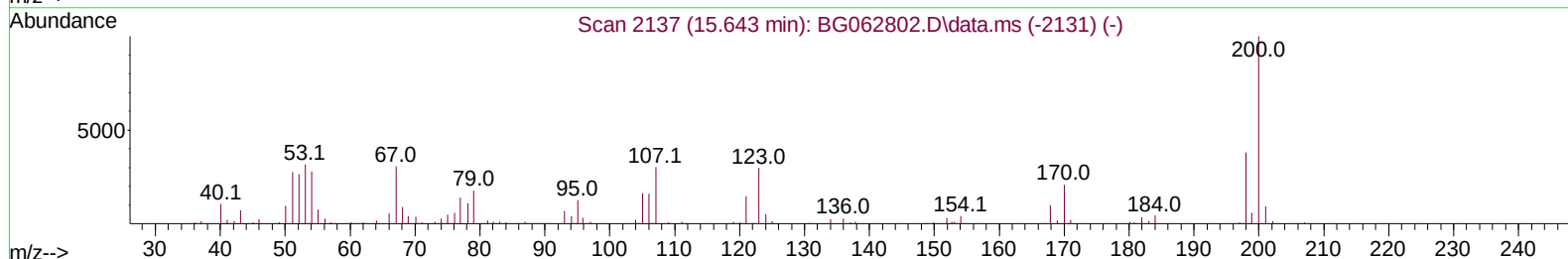
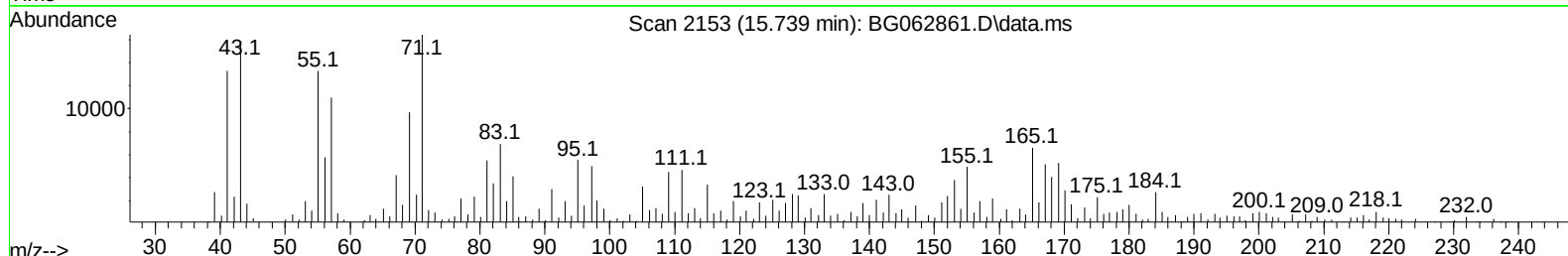
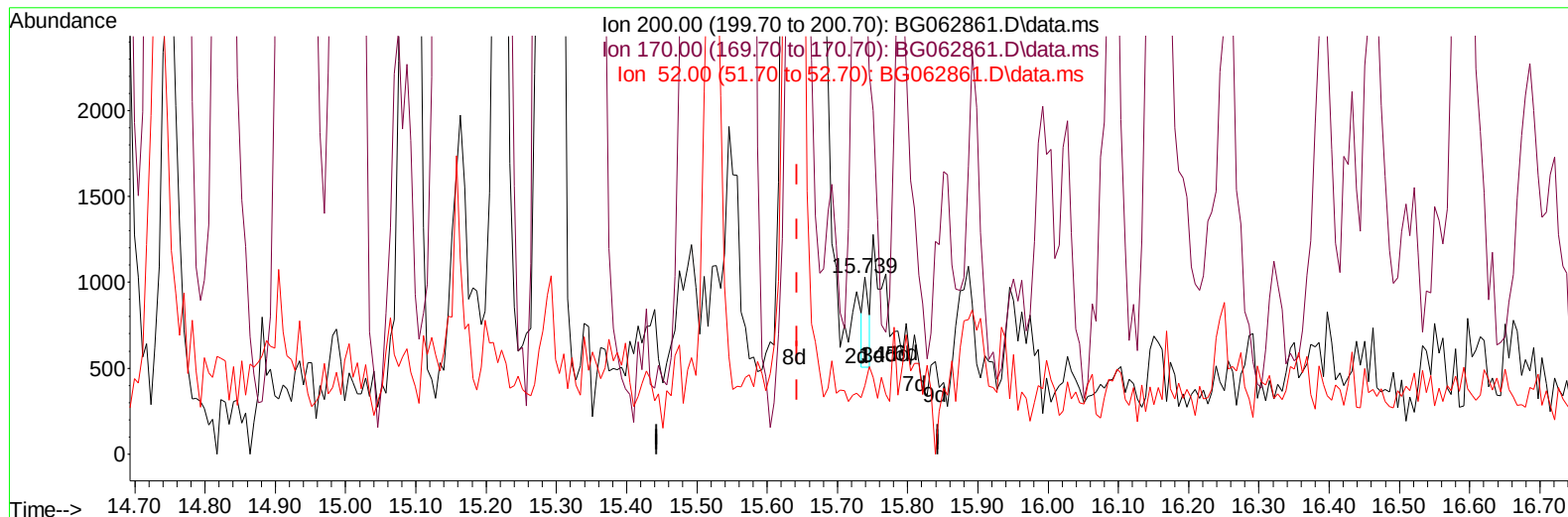
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062861.D
Acq On : 16 Sep 2024 1:23
Operator : JU/RC
Sample : P3899-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:12:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062861.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.739min (+ 0.096) 0.14 ng/ul

response 293

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.90	283.22#
52.00	39.70	38.70
0.00	0.00	0.00

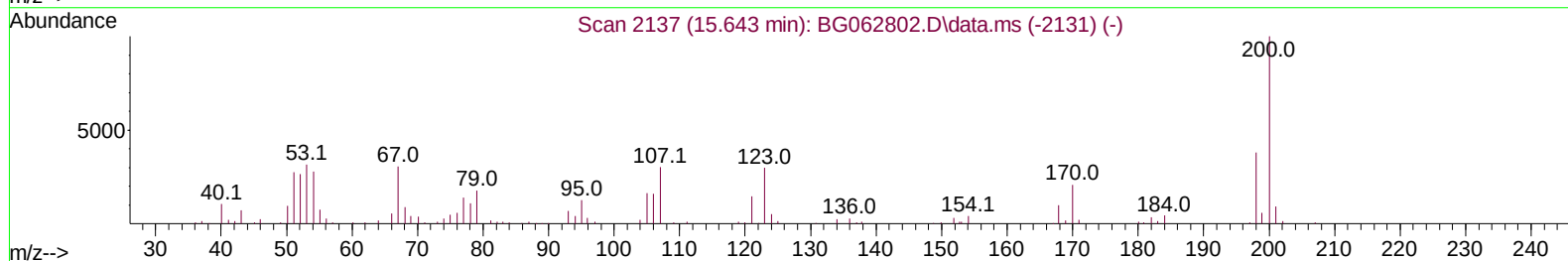
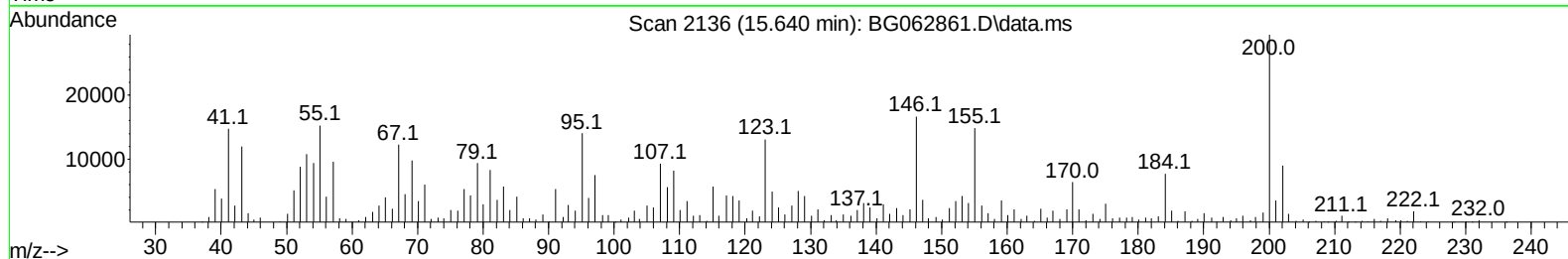
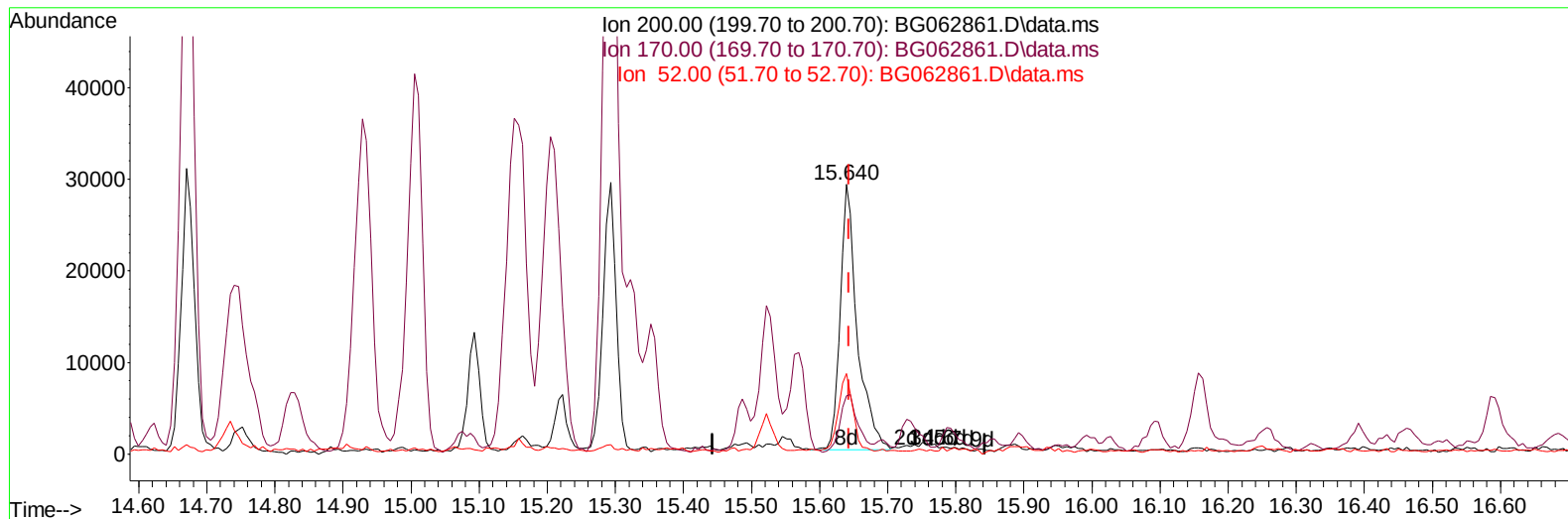
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062861.D
Acq On : 16 Sep 2024 1:23
Operator : JU/RC
Sample : P3899-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:12:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062861.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.640min (-0.004) 23.80 ng/ul m

response 50758

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.90	21.67
52.00	39.70	29.87#
0.00	0.00	0.00

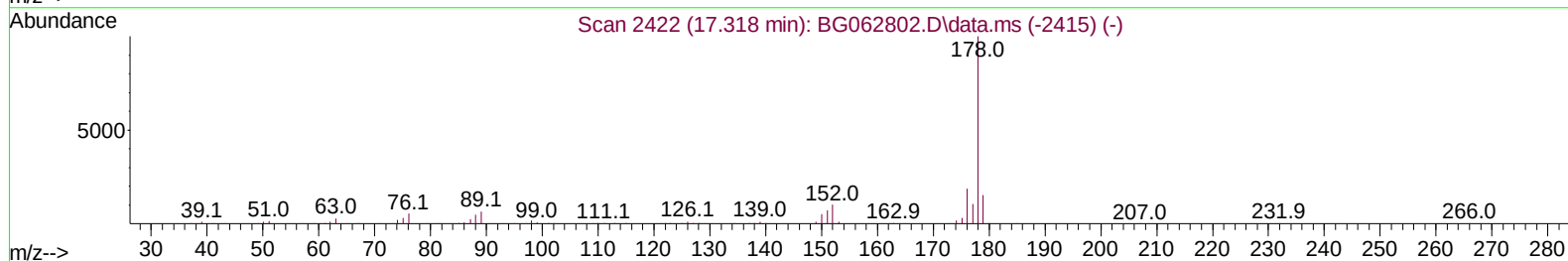
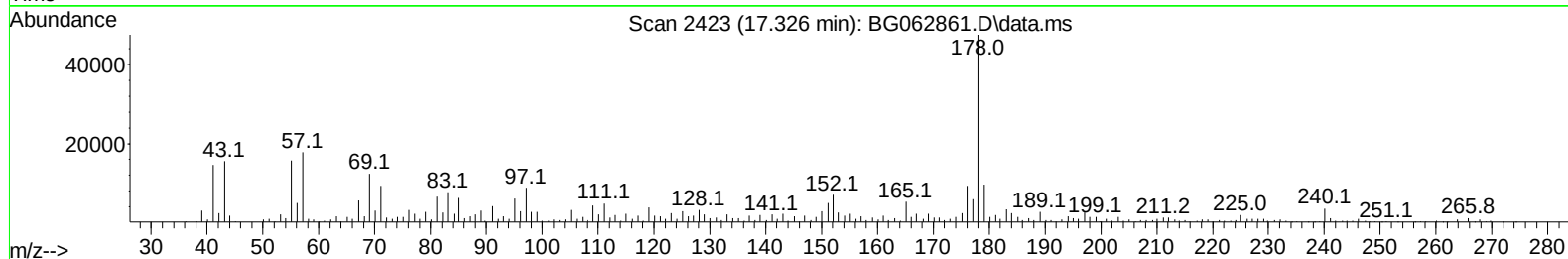
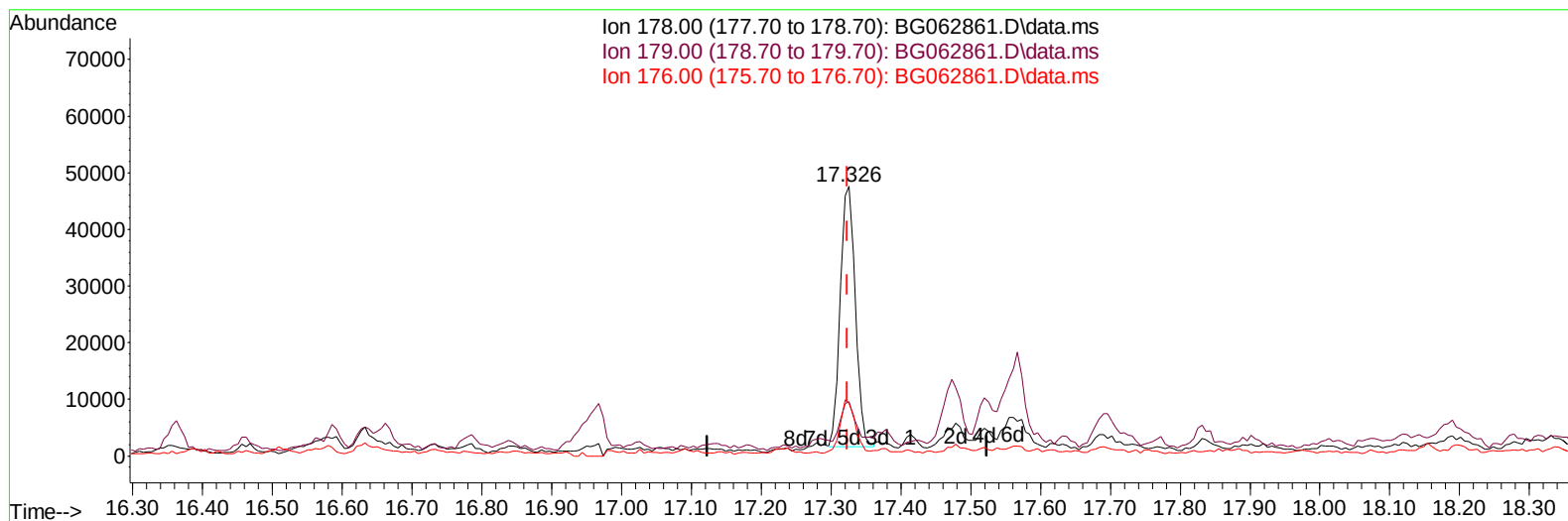
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062861.D
 Acq On : 16 Sep 2024 1:23
 Operator : JU/RC
 Sample : P3899-13
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:15:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024



TIC: BG062861.D\data.ms

(72) Phenanthrene

17.326min (+ 0.002) 3.55 ng/ul m

response 68373

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	20.23#
176.00	18.60	19.48
0.00	0.00	0.00

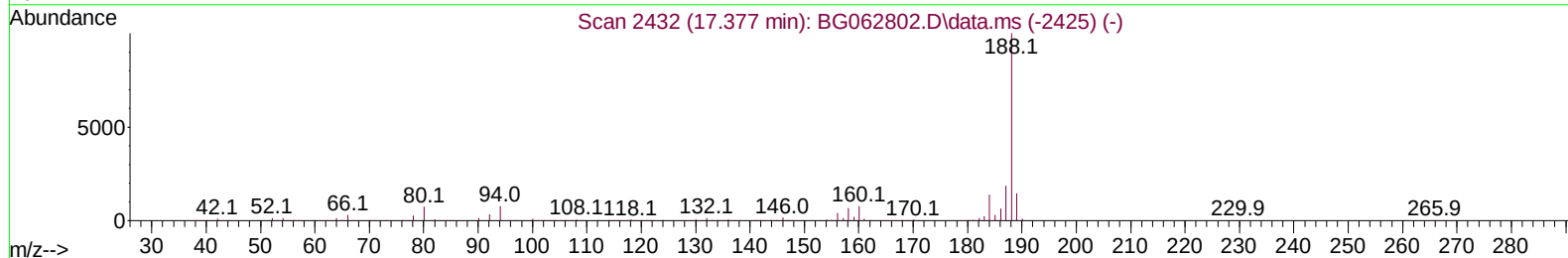
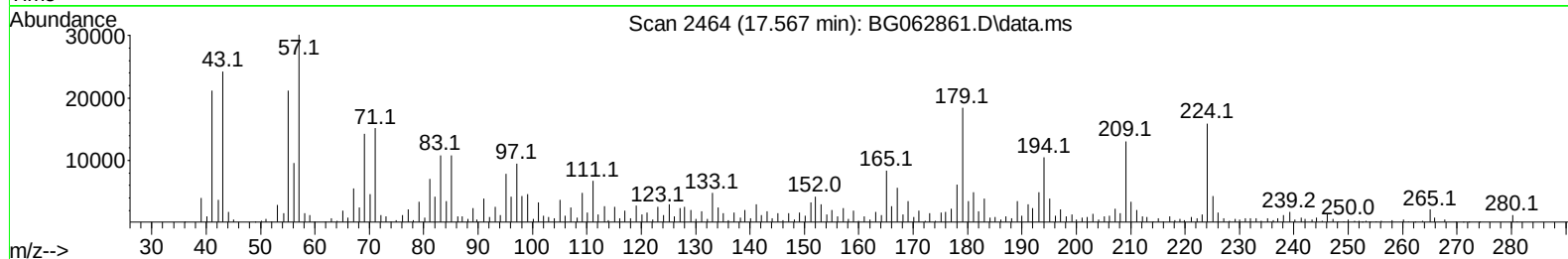
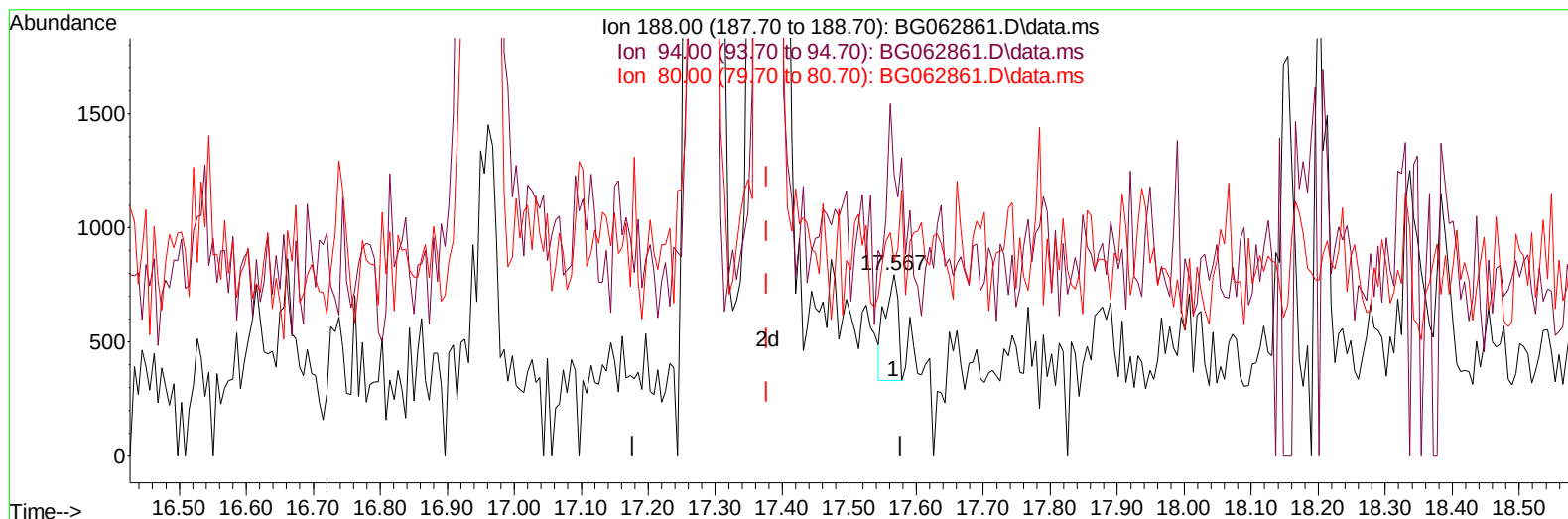
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062861.D
Acq On : 16 Sep 2024 1:23
Operator : JU/RC
Sample : P3899-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:15:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062861.D\data.ms

(73) Anthracene-d10 (S)

17.567min (+ 0.190) 0.04 ng/u1

response 634

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.30	155.15#
80.00	8.30	107.16#
0.00	0.00	0.00

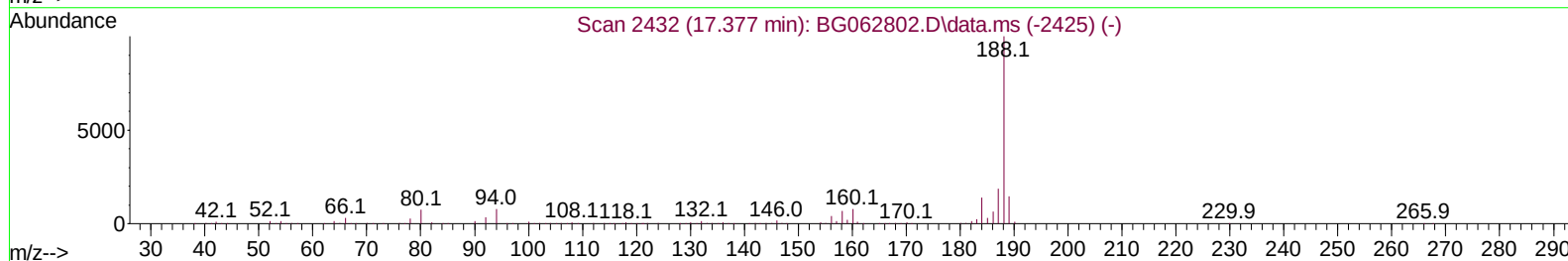
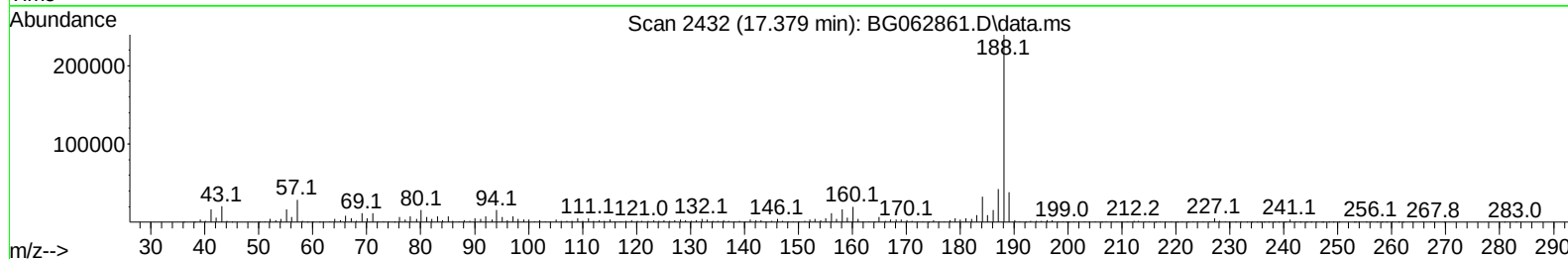
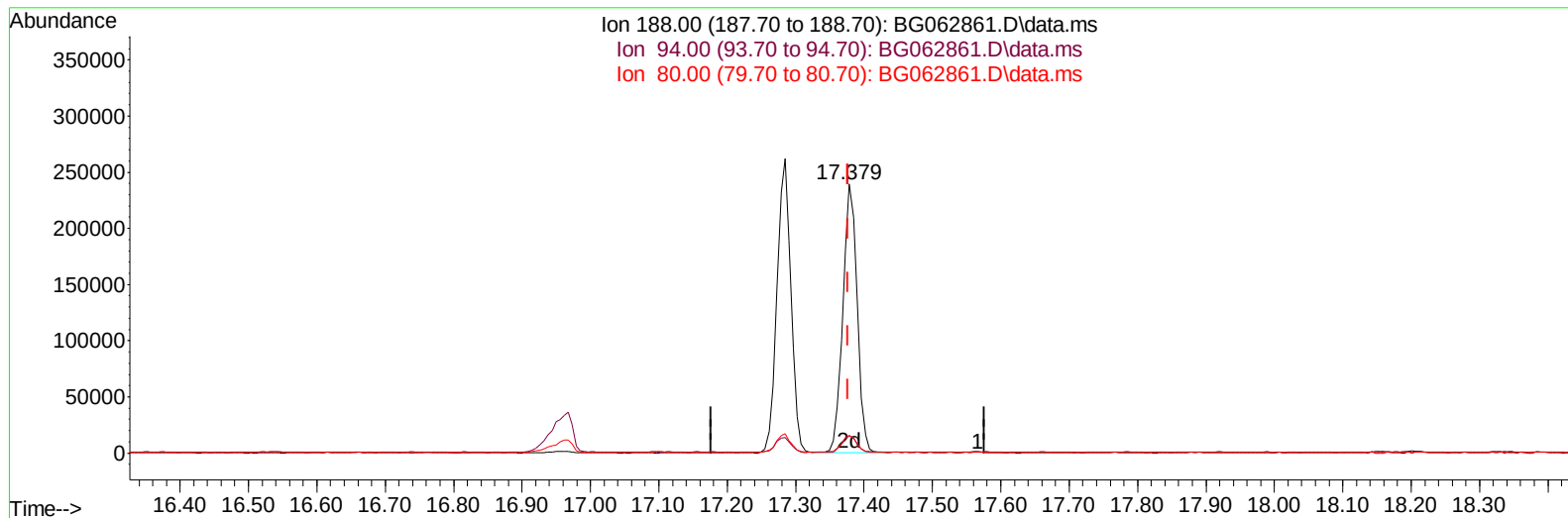
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062861.D
Acq On : 16 Sep 2024 1:23
Operator : JU/RC
Sample : P3899-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:15:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062861.D\data.ms

(73) Anthracene-d10 (S)

17.379min (+ 0.002) 19.80 ng/ul m

response 346412

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.30	6.50#
80.00	8.30	6.40#
0.00	0.00	0.00

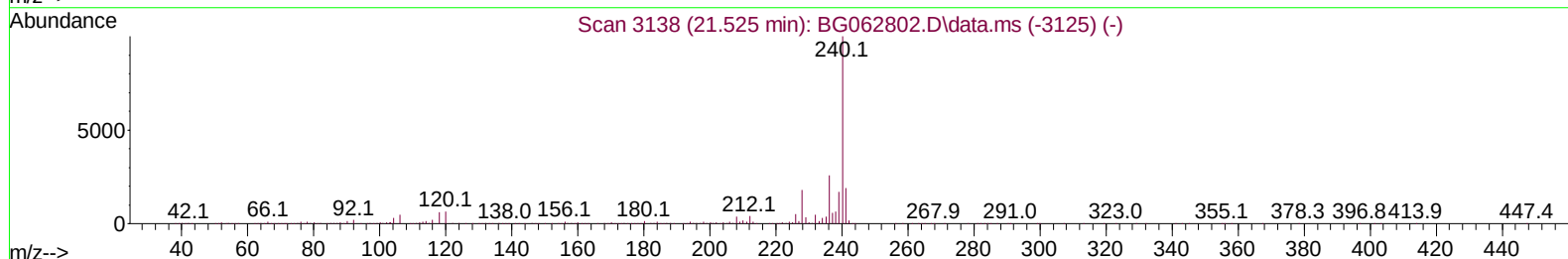
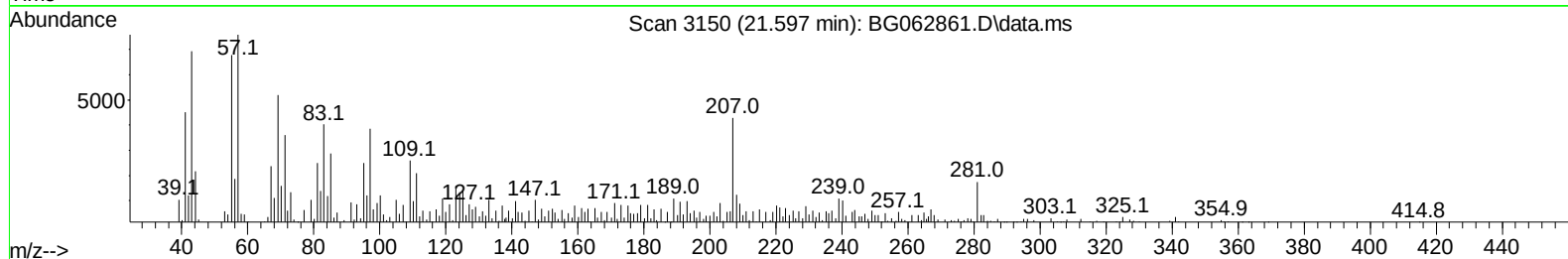
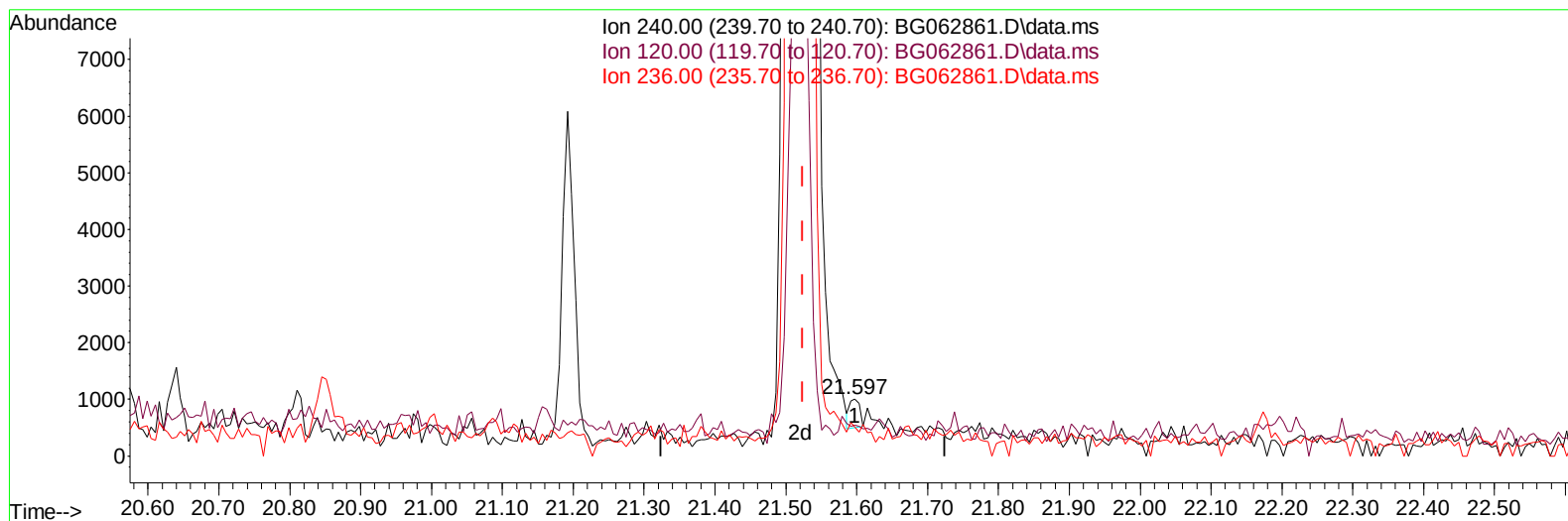
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062861.D
Acq On : 16 Sep 2024 1:23
Operator : JU/RC
Sample : P3899-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:17:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062861.D\data.ms

(79) Chrysene-d12 (I)

21.597min (+ 0.073) 20.00 ng/ul

response 502

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.30	54.51#
236.00	25.80	50.25#
0.00	0.00	0.00

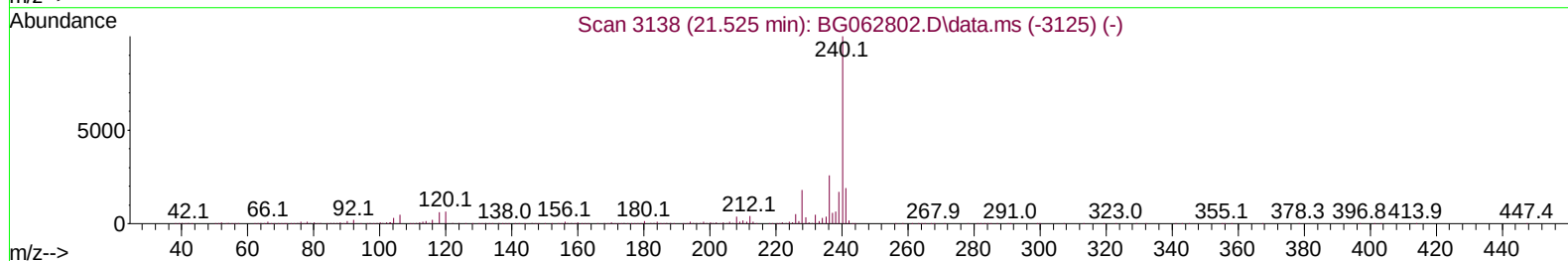
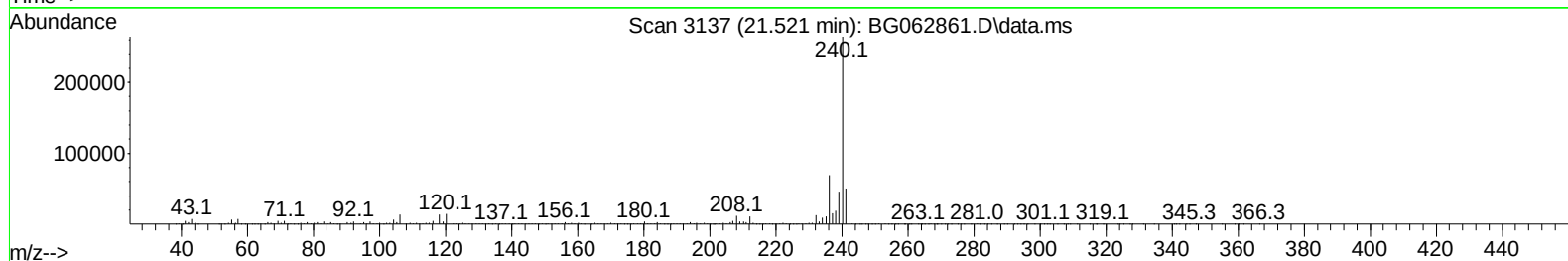
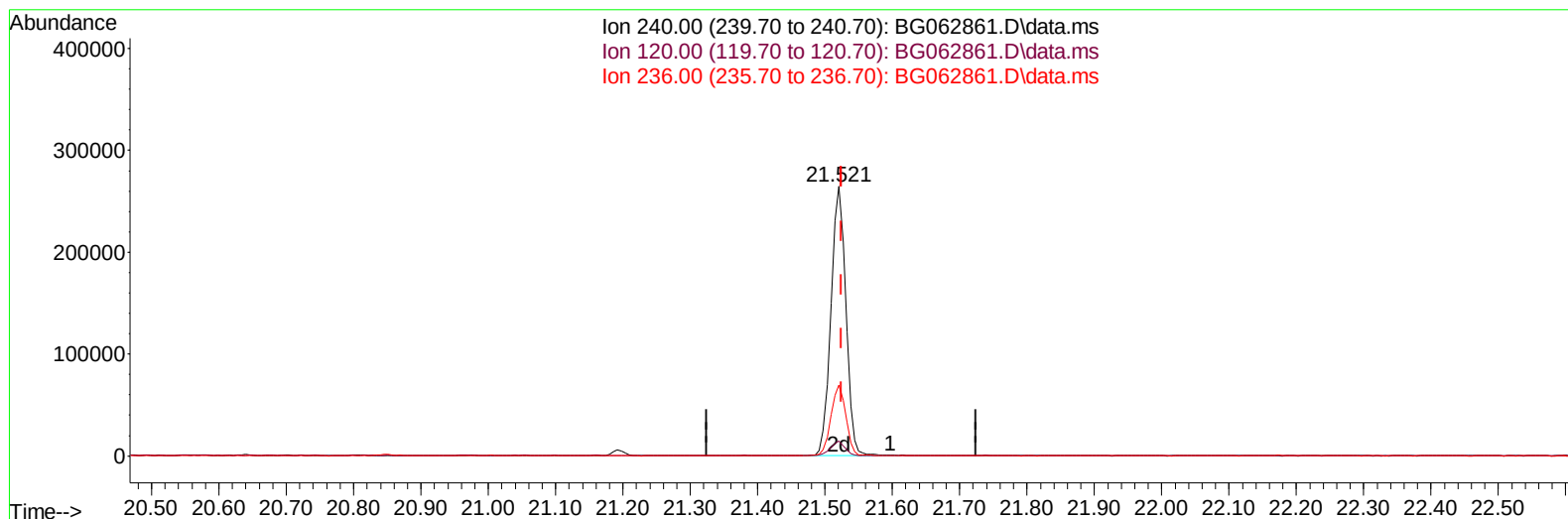
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062861.D
 Acq On : 16 Sep 2024 1:23
 Operator : JU/RC
 Sample : P3899-13
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:17:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024



TIC: BG062861.D\data.ms

(79) Chrysene-d12 (I)

21.521min (-0.004) 20.00 ng/ul m

response 407628

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.30	5.47#
236.00	25.80	26.29
0.00	0.00	0.00

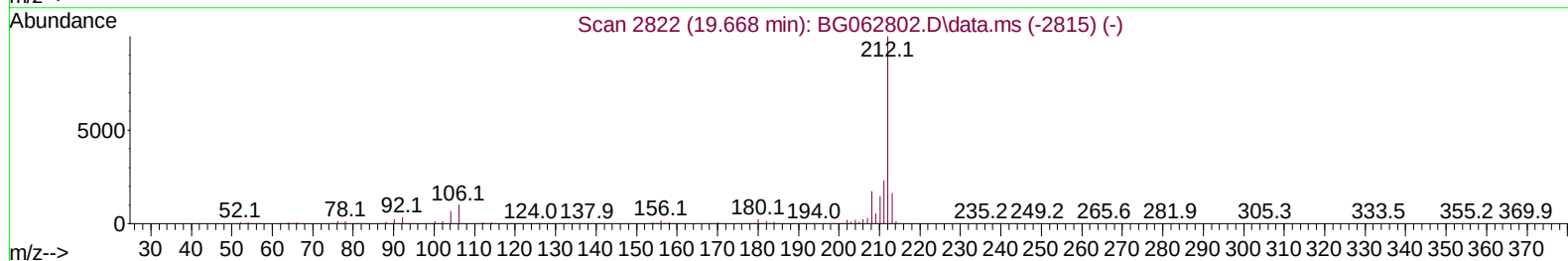
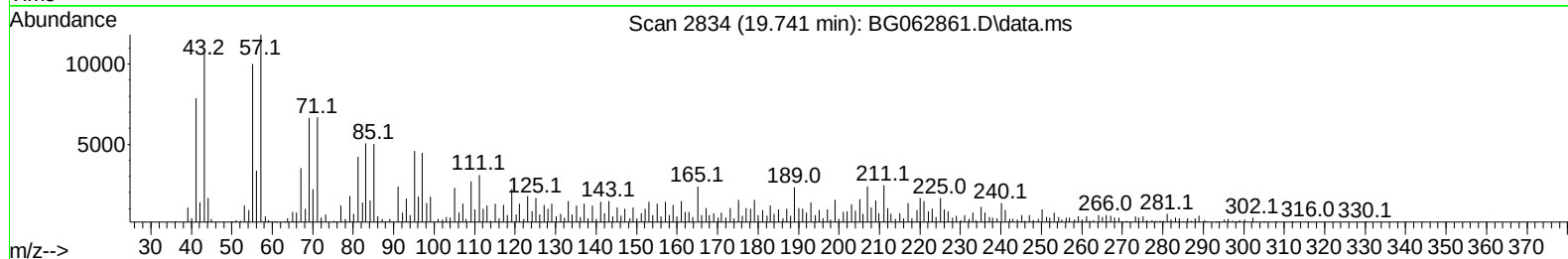
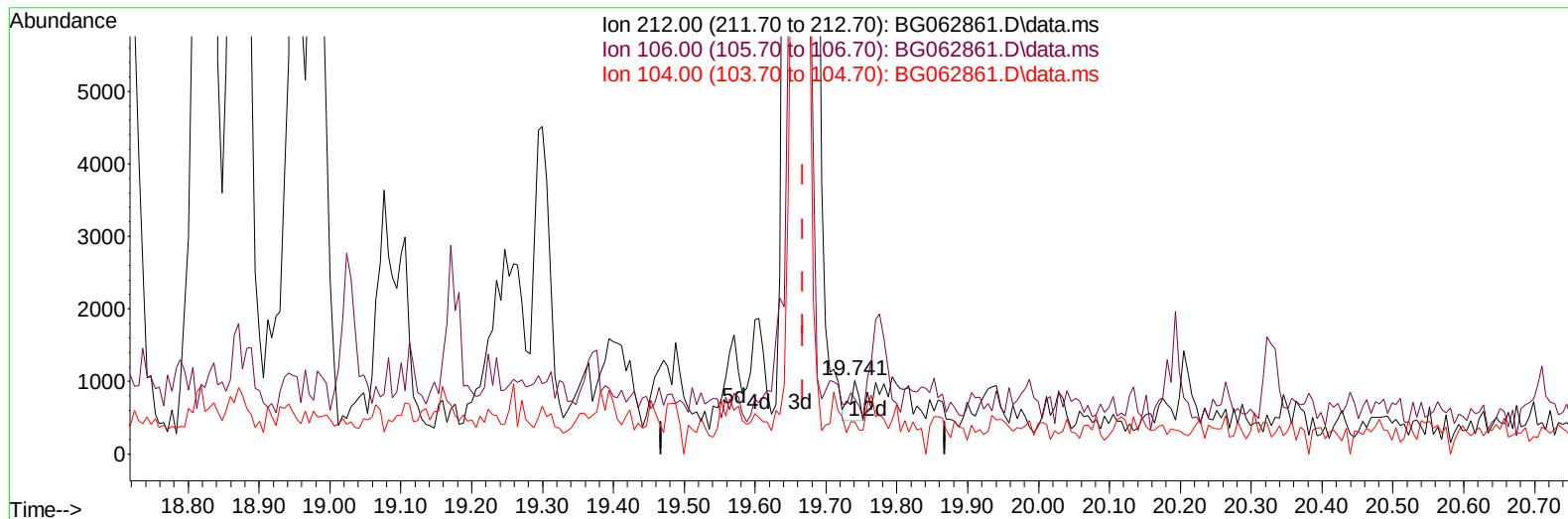
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062861.D
Acq On : 16 Sep 2024 1:23
Operator : JU/RC
Sample : P3899-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:19:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
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TIC: BG062861.D\data.ms

(81) Pyrene-d10 (S)

19.741min (+ 0.073) 0.02 ng/u1

response 486

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.90	74.68#
104.00	6.50	43.45#
0.00	0.00	0.00

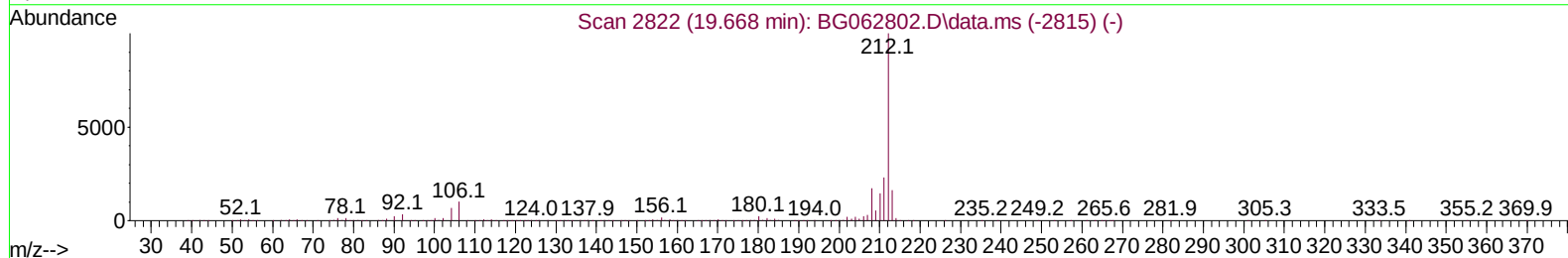
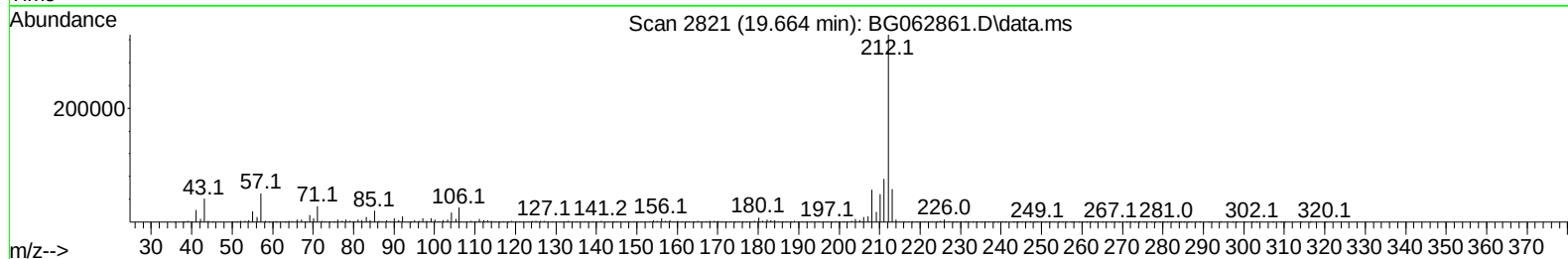
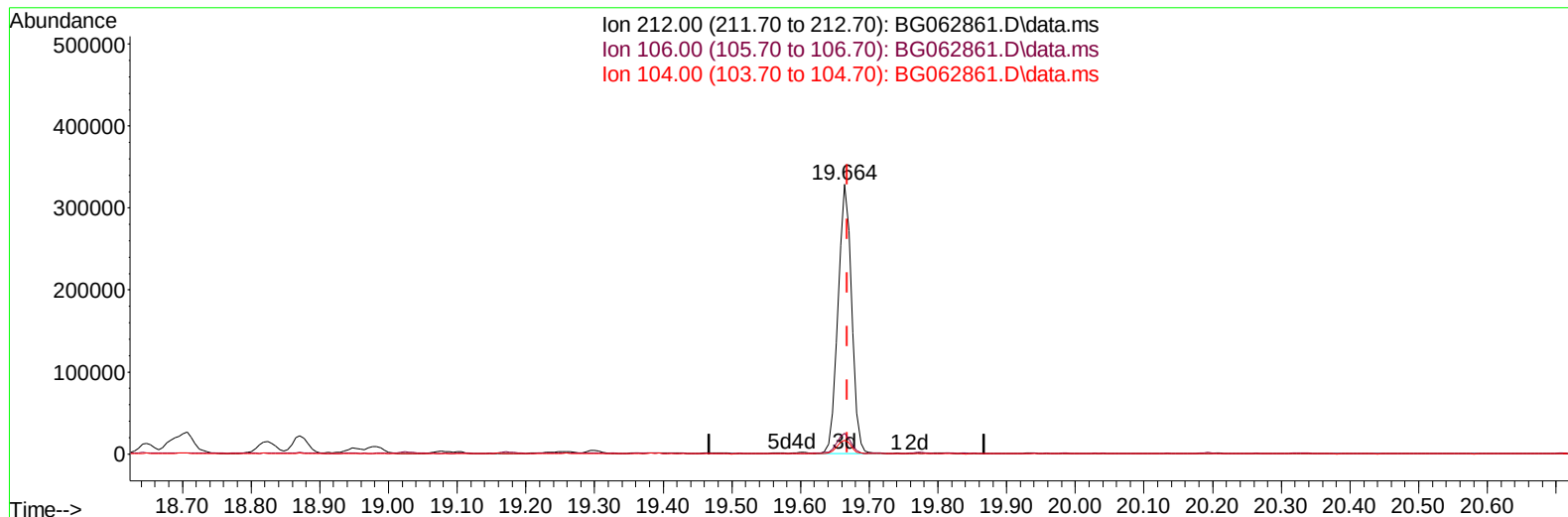
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062861.D
Acq On : 16 Sep 2024 1:23
Operator : JU/RC
Sample : P3899-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:19:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062861.D\data.ms

(81) Pyrene-d10 (S)

19.664min (-0.004) 19.47 ng/ul m

response 446625

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.90	7.79#
104.00	6.50	4.98#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062861.D
 Acq On : 16 Sep 2024 1:23
 Operator : JU/RC
 Sample : P3899-13
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:24:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	44926	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	159862	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.529	164	147773	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.285	188	370696m	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	407628m	20.000	ng/ul	0.00
88) Perylene-d12	24.582	264	466001	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	2707	2.724	ng/uL	0.00
4) Pyridine-d5	3.771	84	18501	5.848	ng/ul	0.00
7) Phenol-d5	7.073	99	65519	16.631	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.226	67	34981	14.811	ng/ul	0.00
11) 2-Chlorophenol-d4	7.437	132	48530	16.912	ng/ul	0.00
15) 4-Methylphenol-d8	8.612	113	56759	17.289	ng/ul	0.00
21) Nitrobenzene-d5	9.053	128	27918	24.435	ng/ul	0.00
24) 2-Nitrophenol-d4	9.776	143	31243	25.003	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	63048	23.169	ng/ul	0.00
31) 4-Chloroaniline-d4	10.839	131	46347	12.390	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	212735	18.695	ng/ul	0.00
49) Acenaphthylene-d8	14.224	160	243728	19.285	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143	34150	17.666	ng/ul	0.00
60) Fluorene-d10	15.522	176	198144	19.323	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	50758m	23.804	ng/ul	0.00
73) Anthracene-d10	17.379	188	346412m	19.801	ng/ul	0.00
81) Pyrene-d10	19.664	212	446625m	19.471	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.370	264	498995	20.279	ng/ul	0.00
Target Compounds						
					Qvalue	
23) Isophorone	9.617	82	31119	4.924	ng/ul#	83
30) Naphthalene	10.745	128	43987	5.132	ng/ul	98
36) 2-Methylnaphthalene	12.355	142	90757	14.346	ng/ul	95
37) 1-Methylnaphthalene	12.573	142	61468	9.486	ng/ul#	100
42) 2,4,5-Trichlorophenol	13.043	196	4953	1.499	ng/ul	98
43) 1,1'-Biphenyl	13.360	154	13416	1.291	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.164	232	341307	101.939	ng/ul#	95
71) Pentachlorophenol	16.967	266	3967072	1361.789	ng/ul	90
72) Phenanthrene	17.326	178	68373m	3.547	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062861.D
Acq On : 16 Sep 2024 1:23
Operator : JU/RC
Sample : P3899-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 16 02:24:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

