

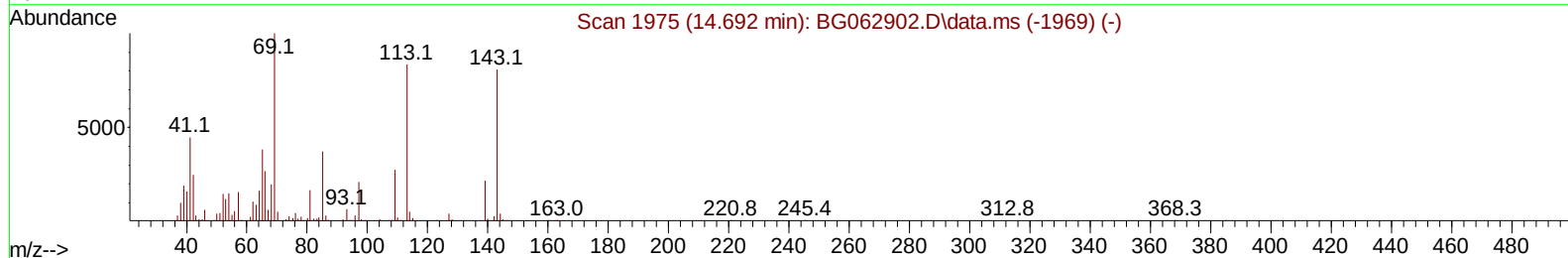
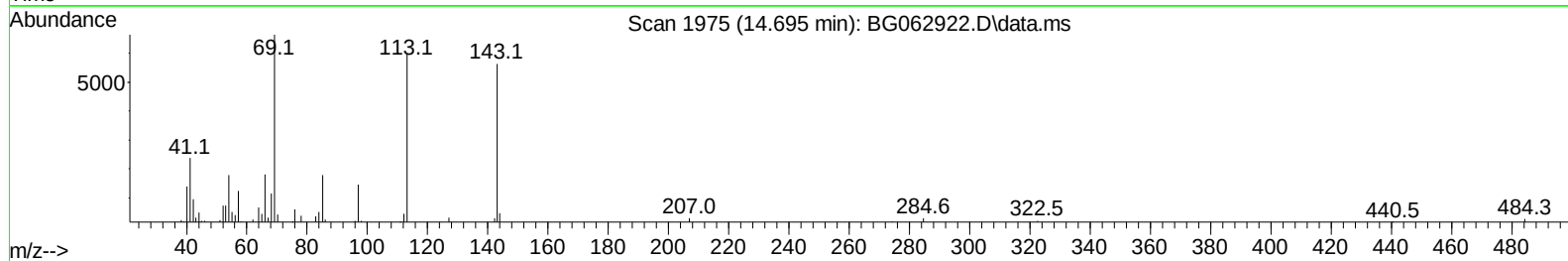
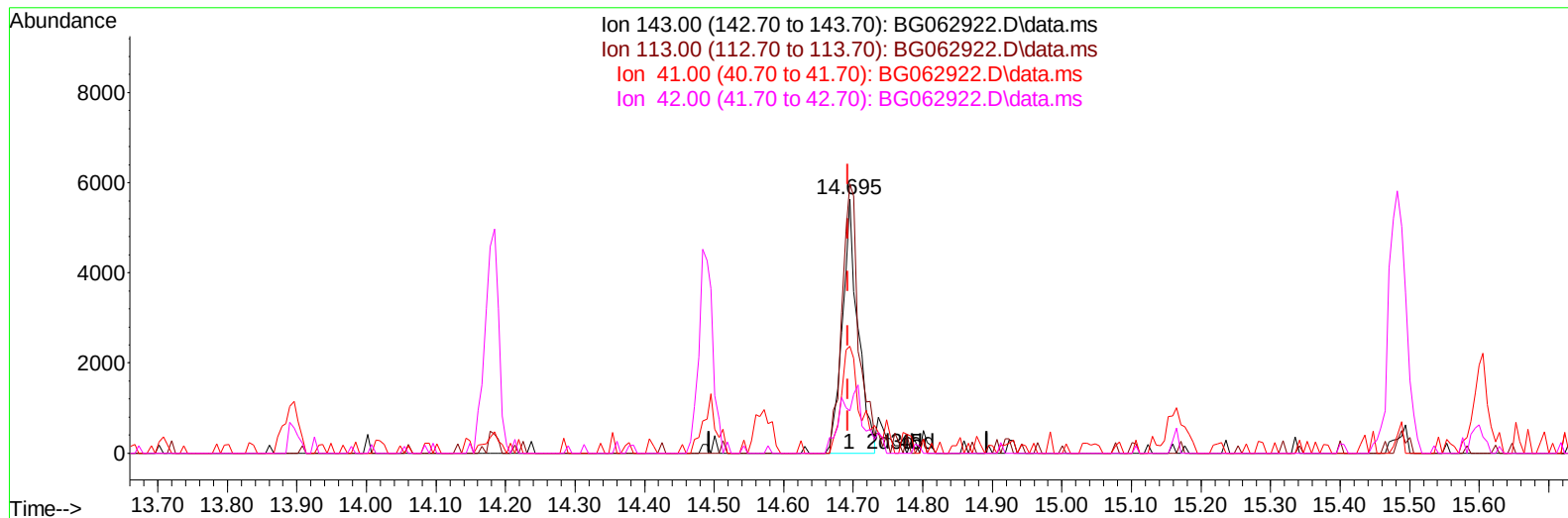
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062922.D
Acq On : 18 Sep 2024 23:43
Operator : JU/RC
Sample : P3994-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

Manual IntegrationsAPPROVED

Quant Time: Sep 19 00:17:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062922.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.695min (+ 0.002) 4.70 ng/ul

response 8860

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	105.83
41.00	49.70	42.10
42.00	34.20	16.67#

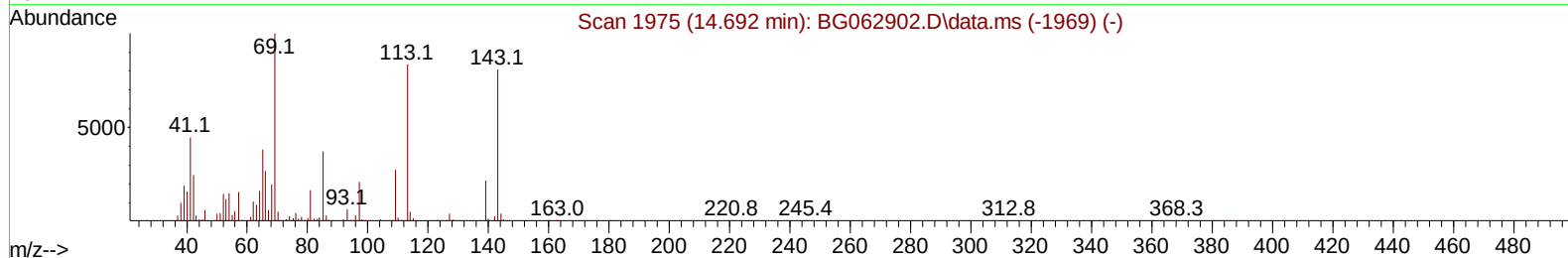
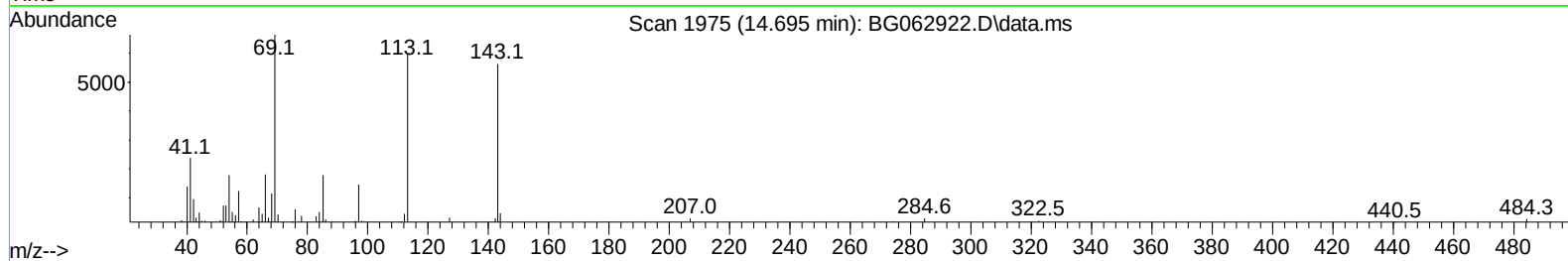
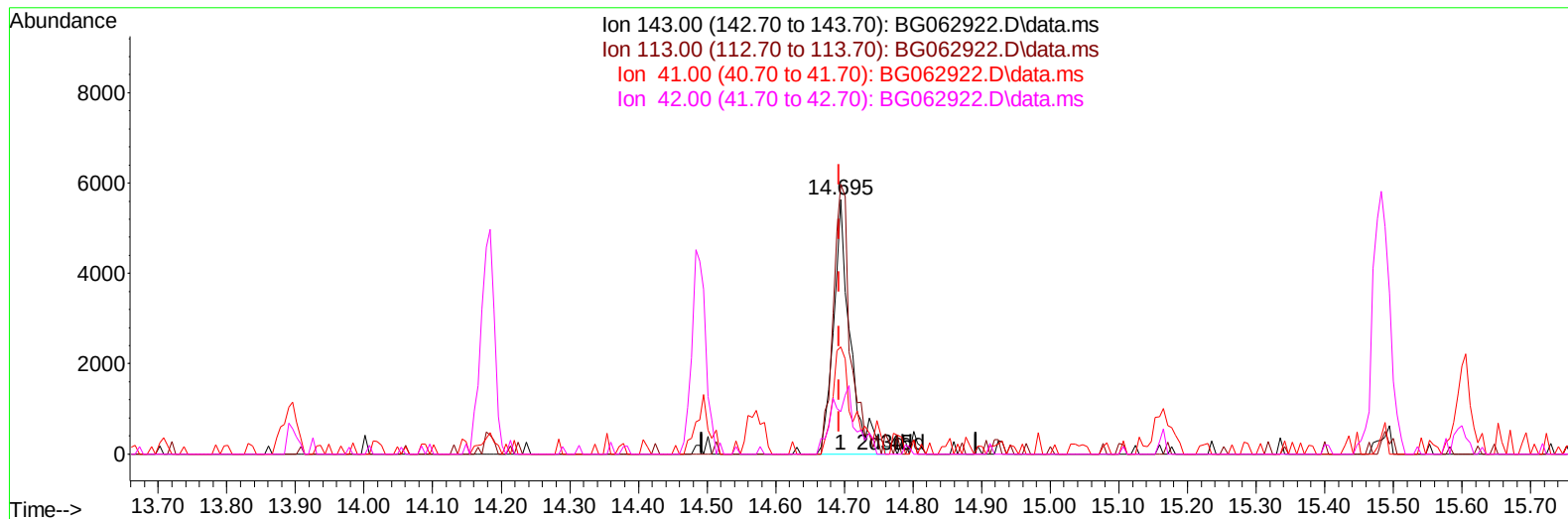
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062922.D
Acq On : 18 Sep 2024 23:43
Operator : JU/RC
Sample : P3994-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

Manual IntegrationsAPPROVED

Quant Time: Sep 19 00:17:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062922.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.695min (+ 0.002) 5.10 ng/ul m

response 9624

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	105.83
41.00	49.70	42.10
42.00	34.20	16.67#

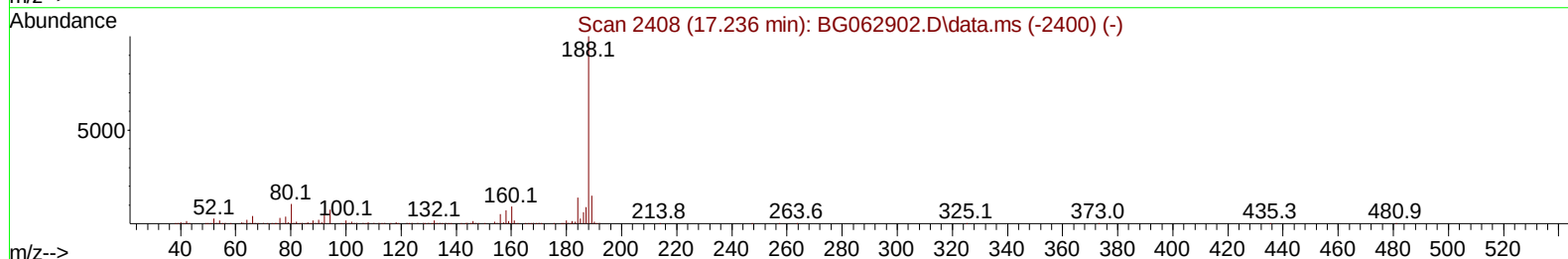
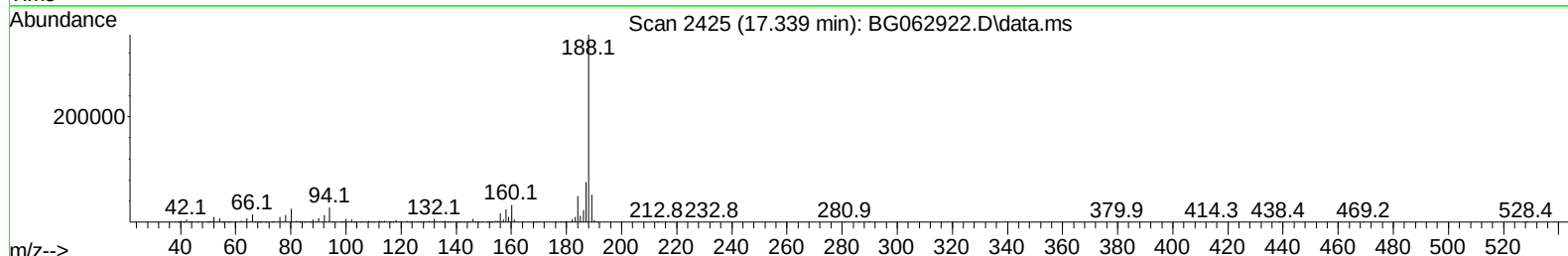
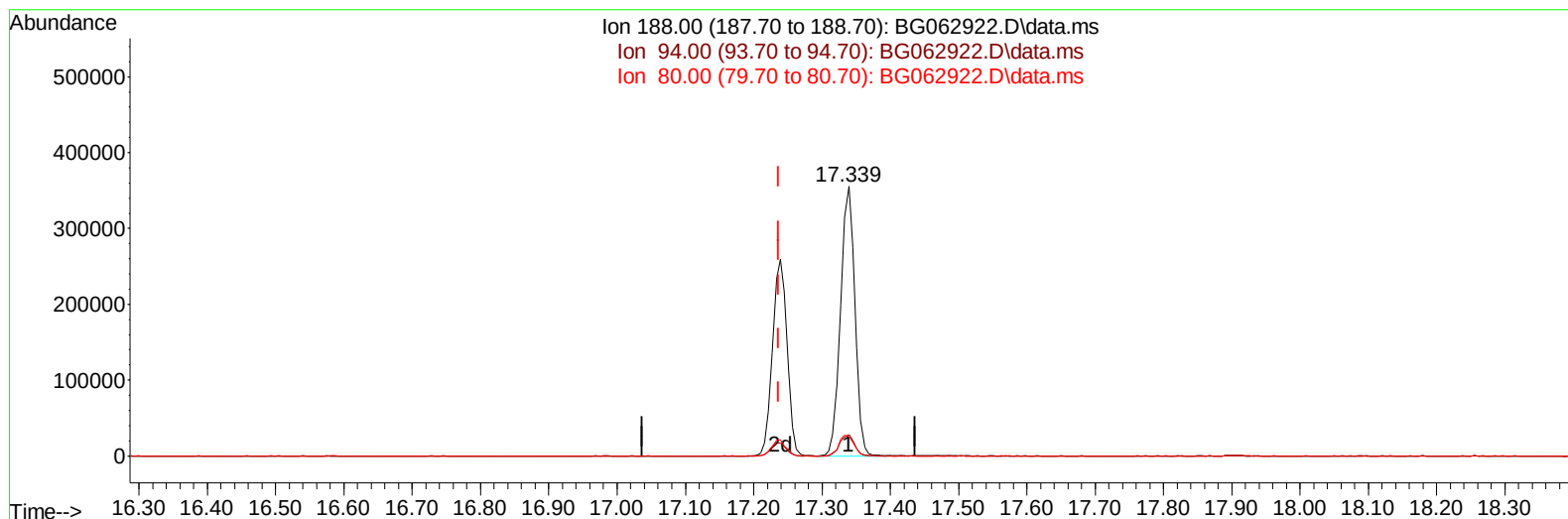
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062922.D
Acq On : 18 Sep 2024 23:43
Operator : JU/RC
Sample : P3994-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

Manual IntegrationsAPPROVED

Quant Time: Sep 19 00:17:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062922.D\data.ms

(64) Phenanthrene-d10 (I)

17.339min (+ 0.102) 20.00 ng/ul

response 523187

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	7.97
80.00	8.70	7.15
0.00	0.00	0.00

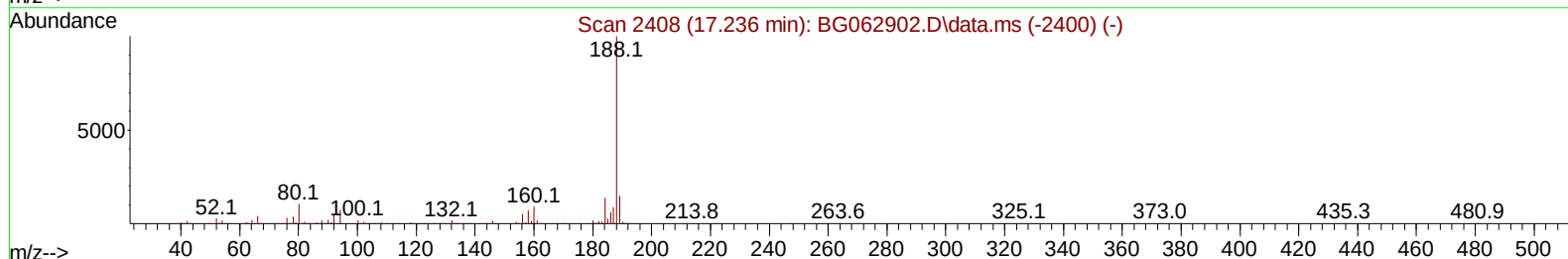
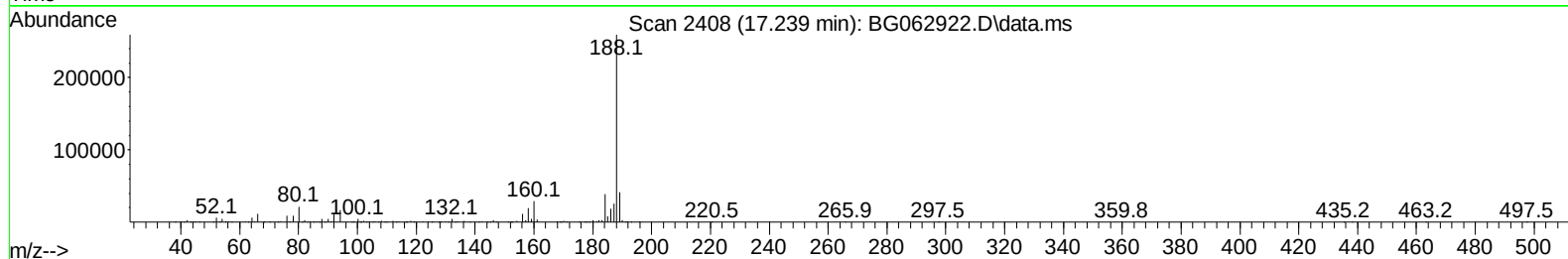
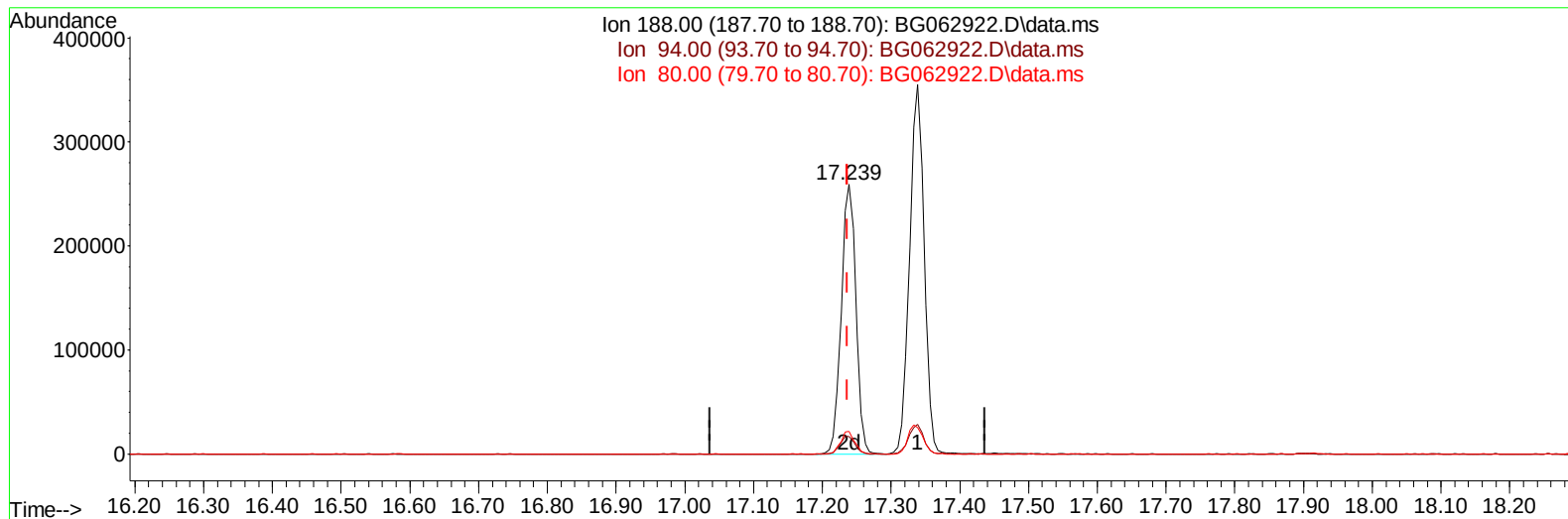
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062922.D
Acq On : 18 Sep 2024 23:43
Operator : JU/RC
Sample : P3994-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

Manual IntegrationsAPPROVED

Quant Time: Sep 19 00:17:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062922.D\data.ms

(64) Phenanthrene-d10 (I)

17.239min (+ 0.002) 20.00 ng/ul m

response 384354

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	6.55#
80.00	8.70	8.31
0.00	0.00	0.00

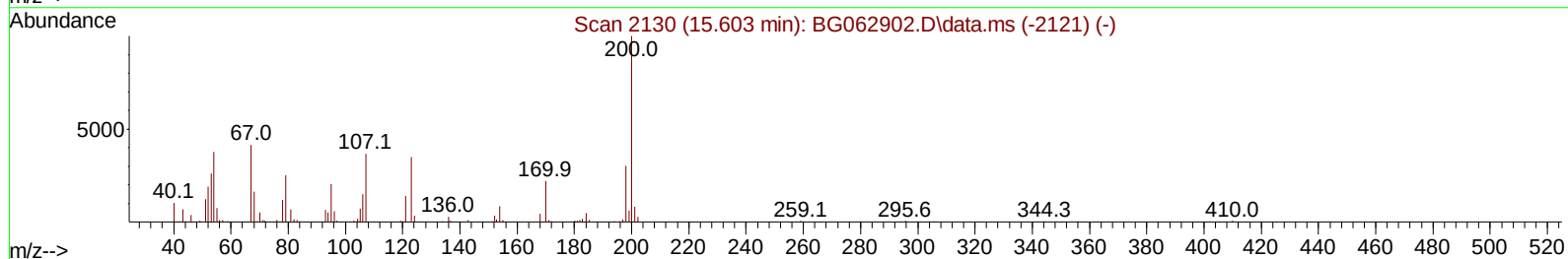
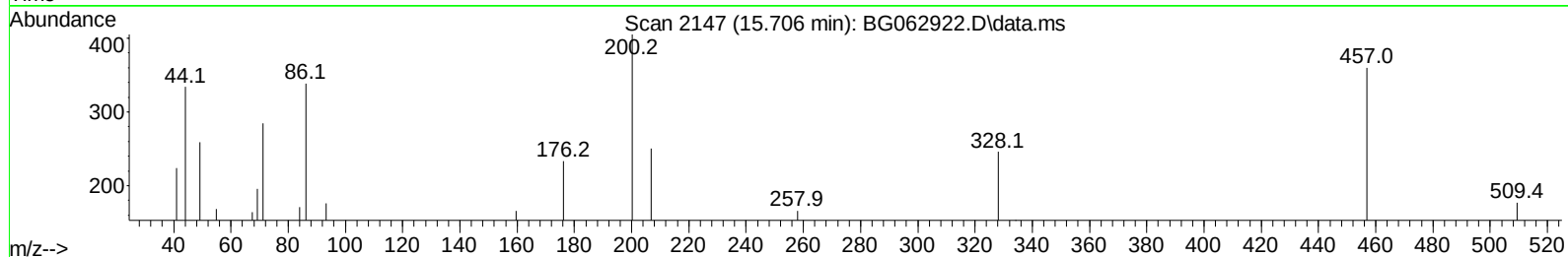
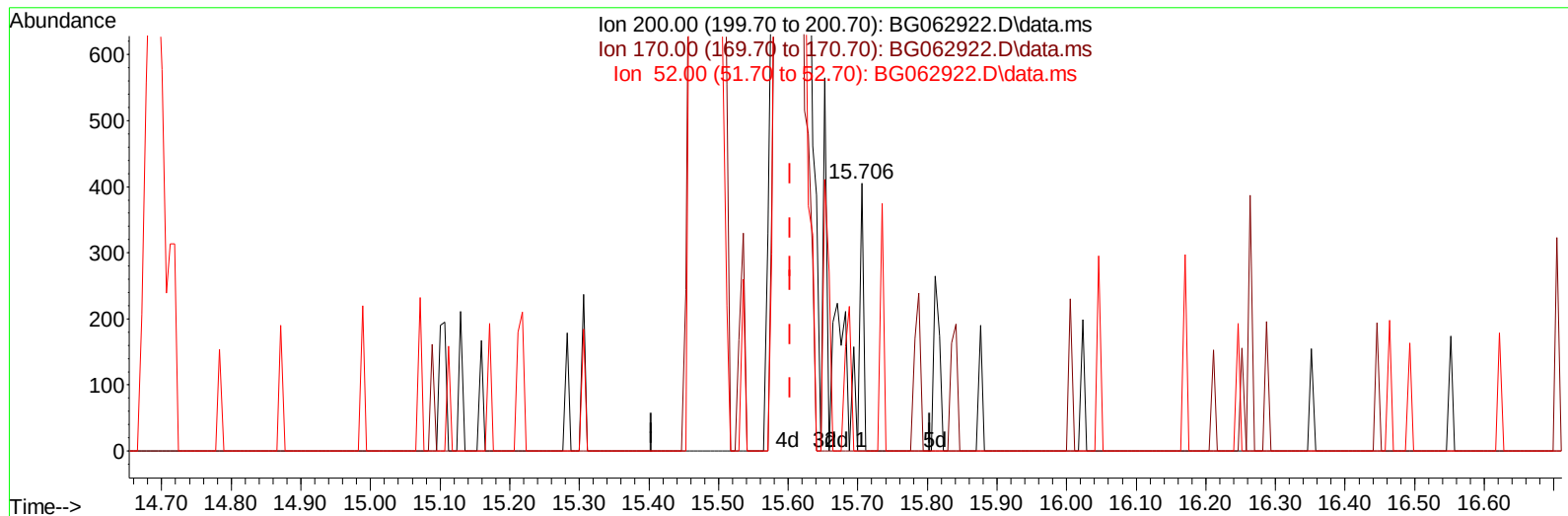
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062922.D
Acq On : 18 Sep 2024 23:43
Operator : JU/RC
Sample : P3994-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

Manual IntegrationsAPPROVED

Quant Time: Sep 19 00:17:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062922.D\data.ms

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

15.706min (+ 0.102) 0.06 ng/u1

response 143

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	0.00#
52.00	36.60	0.00#
0.00	0.00	0.00

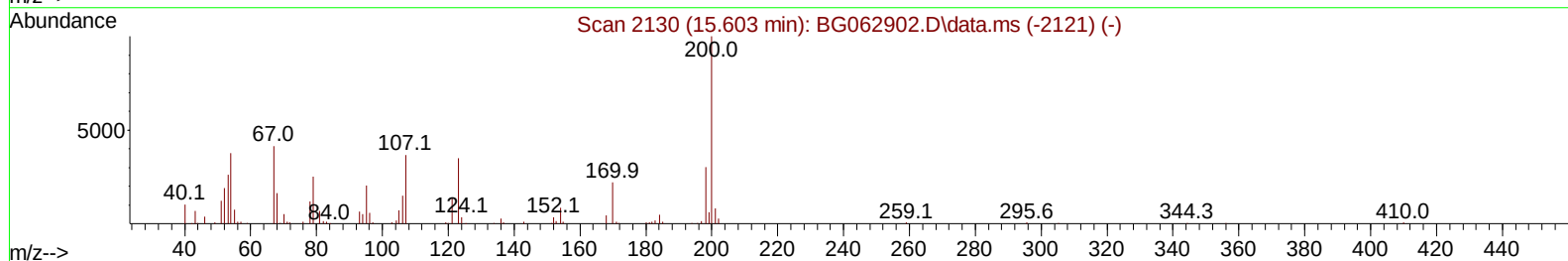
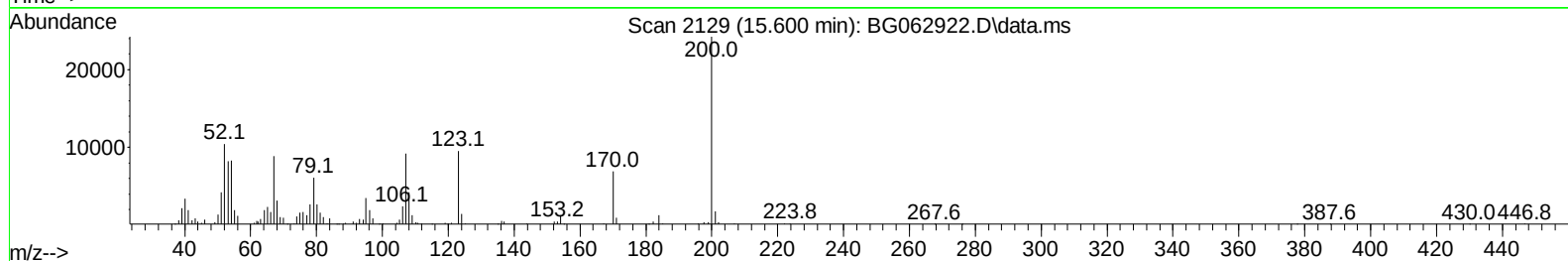
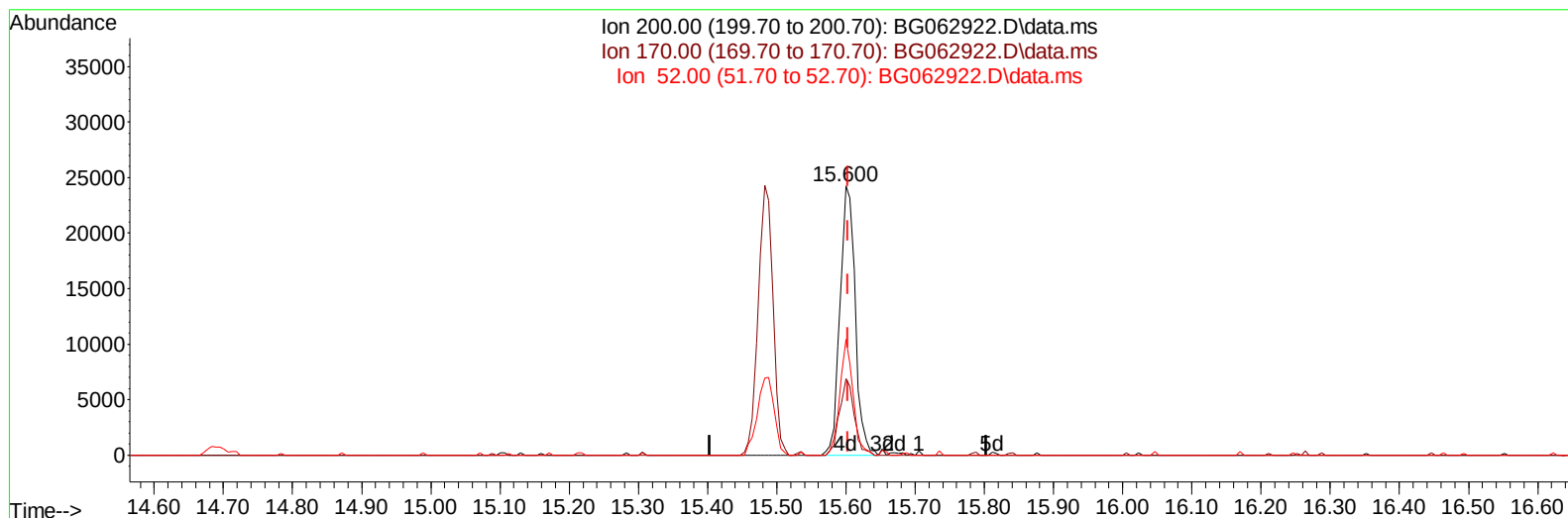
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062922.D
 Acq On : 18 Sep 2024 23:43
 Operator : JU/RC
 Sample : P3994-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B70

Manual IntegrationsAPPROVED

Quant Time: Sep 19 00:17:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024



TIC: BG062922.D\data.ms

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

15.600min (-0.004) 15.89 ng/ul m

response 36923

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	28.46#
52.00	36.60	43.10
0.00	0.00	0.00

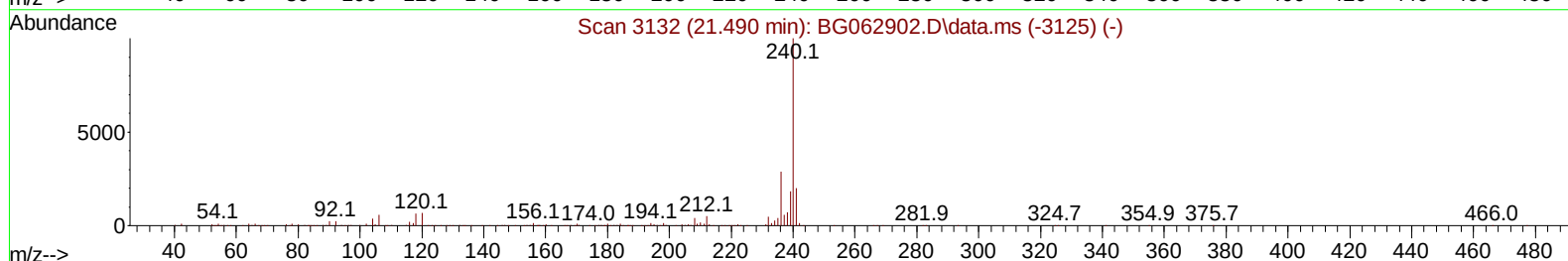
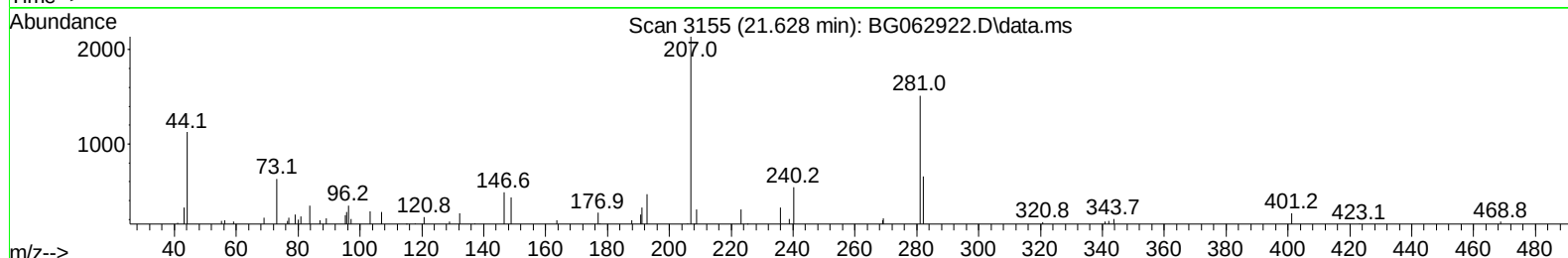
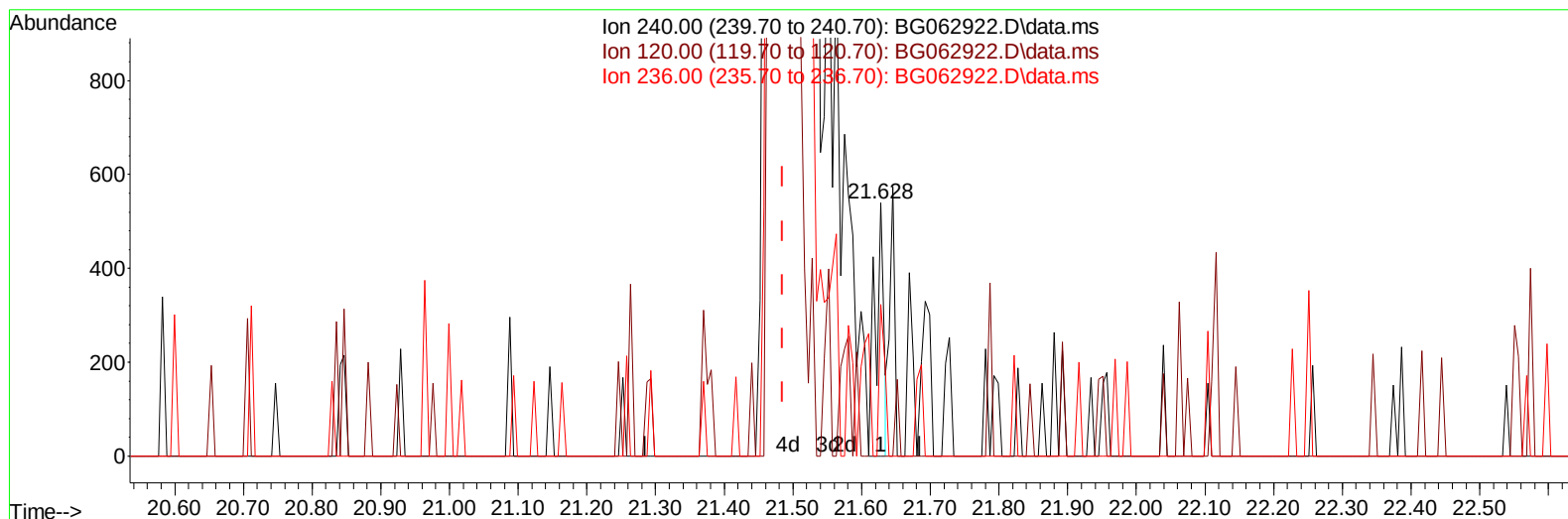
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062922.D
Acq On : 18 Sep 2024 23:43
Operator : JU/RC
Sample : P3994-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

Manual IntegrationsAPPROVED

Quant Time: Sep 19 00:17:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062922.D\data.ms

(79) Chrysene-d12 (I)

21.628min (+ 0.143) 20.00 ng/ul

response 453

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	0.00#
236.00	26.60	59.93#
0.00	0.00	0.00

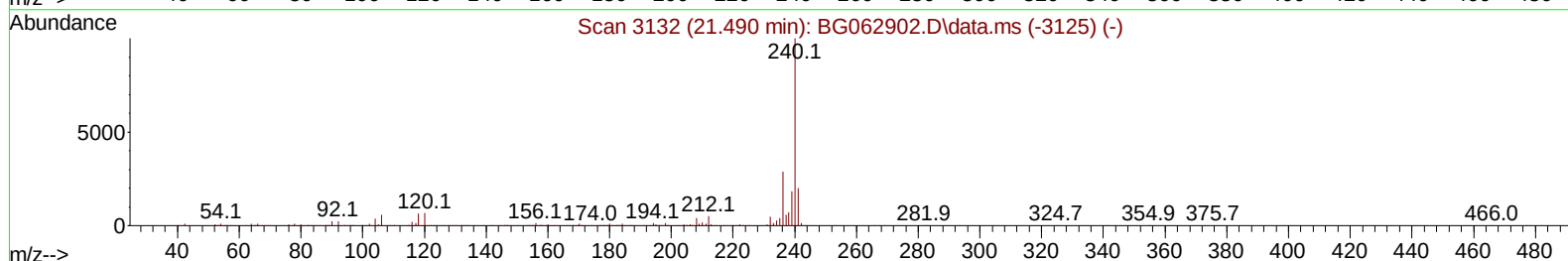
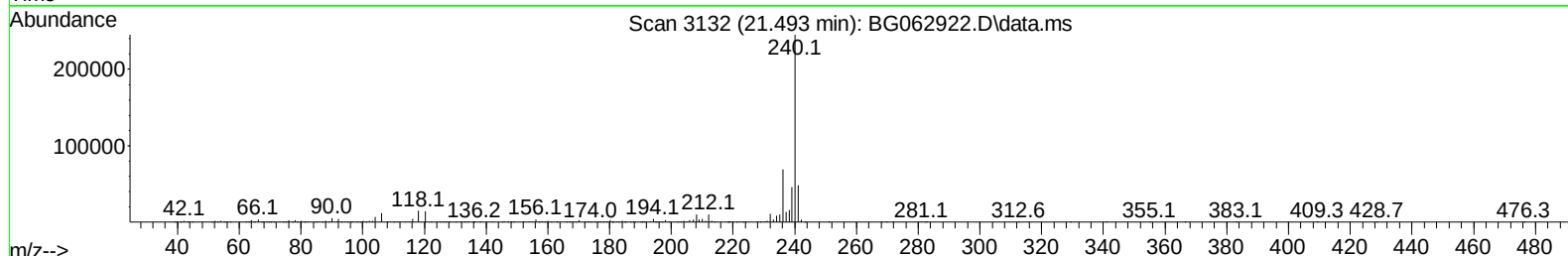
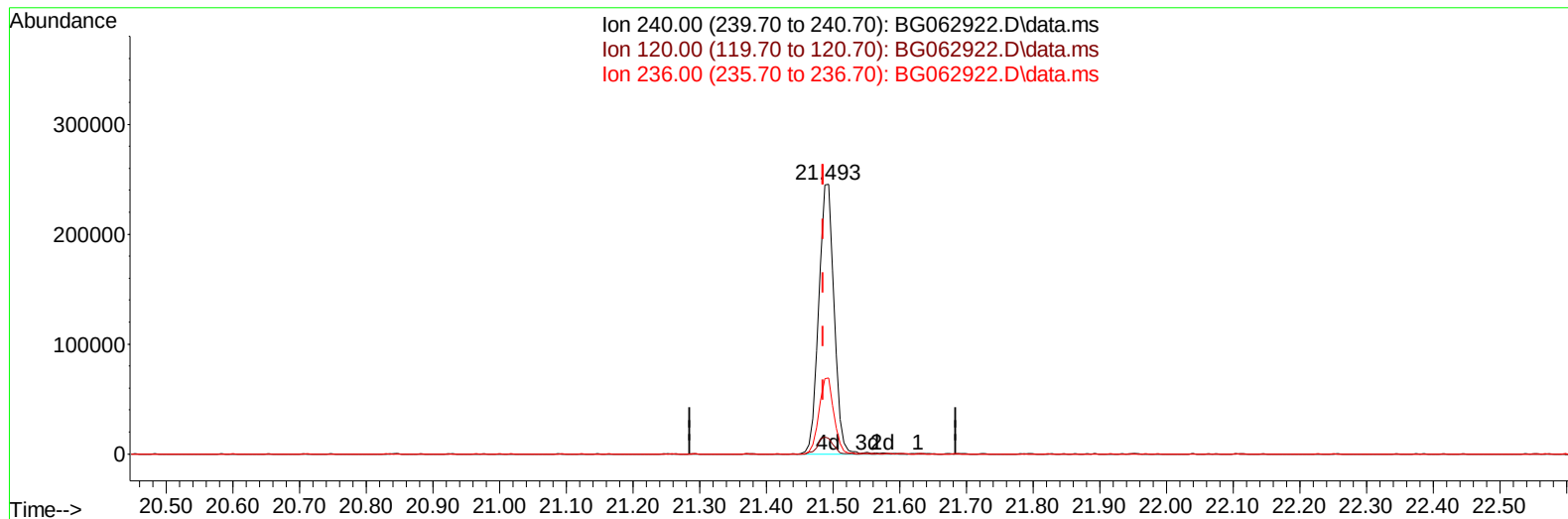
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062922.D
Acq On : 18 Sep 2024 23:43
Operator : JU/RC
Sample : P3994-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

Manual IntegrationsAPPROVED

Quant Time: Sep 19 00:17:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062922.D\data.ms

(79) Chrysene-d12 (I)

21.493min (+ 0.008) 20.00 ng/ul m

response 392059

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	5.77#
236.00	26.60	28.31
0.00	0.00	0.00

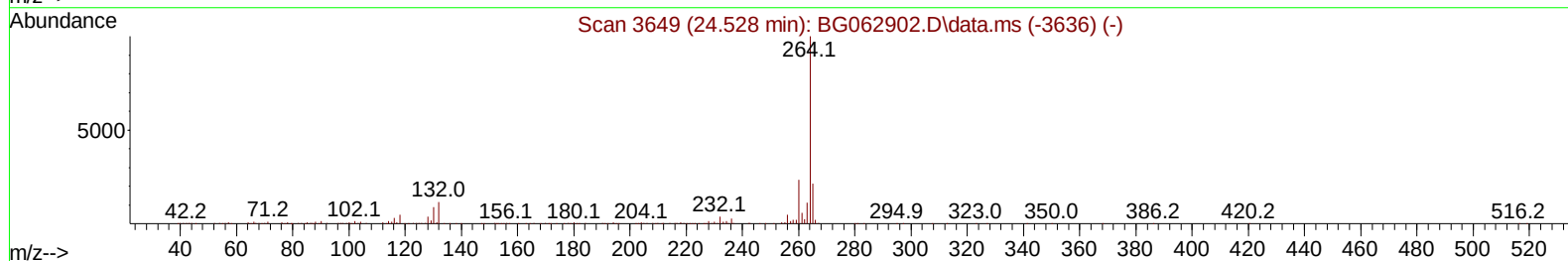
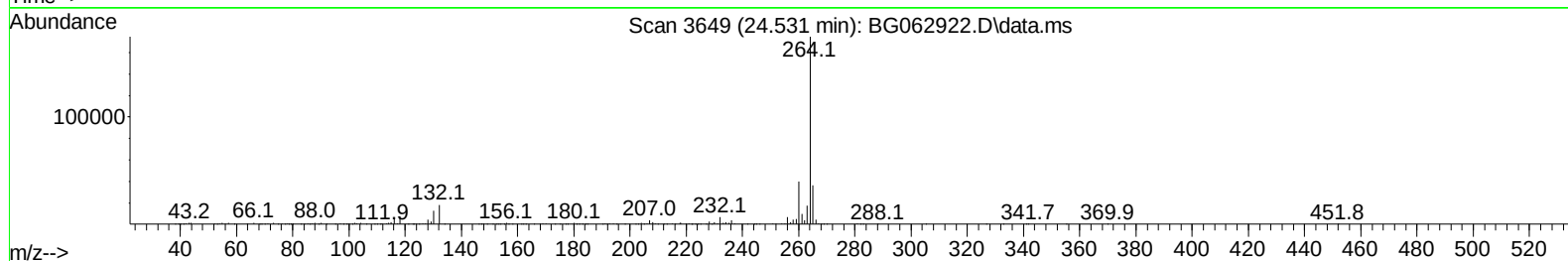
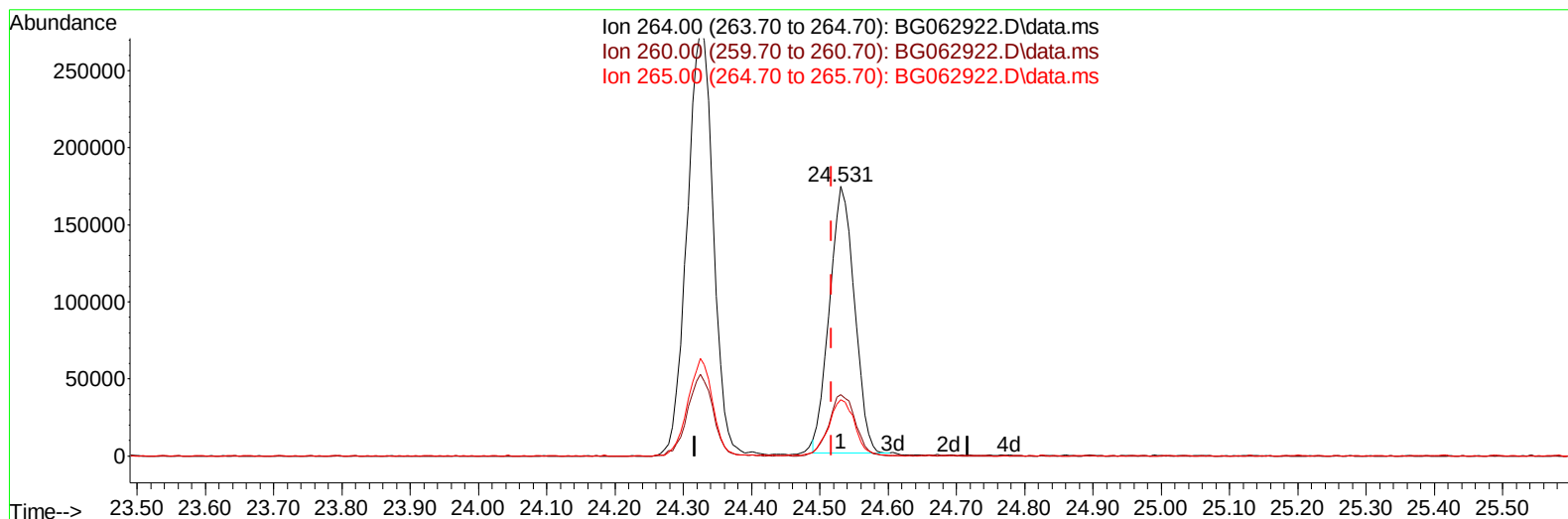
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062922.D
 Acq On : 18 Sep 2024 23:43
 Operator : JU/RC
 Sample : P3994-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B70

Manual IntegrationsAPPROVED

Quant Time: Sep 19 00:18:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024



TIC: BG062922.D\data.ms

(88) Perylene-d12 (I)

24.531min (+ 0.014) 20.00 ng/ul

response 441644

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.50	22.77
265.00	20.10	20.92
0.00	0.00	0.00

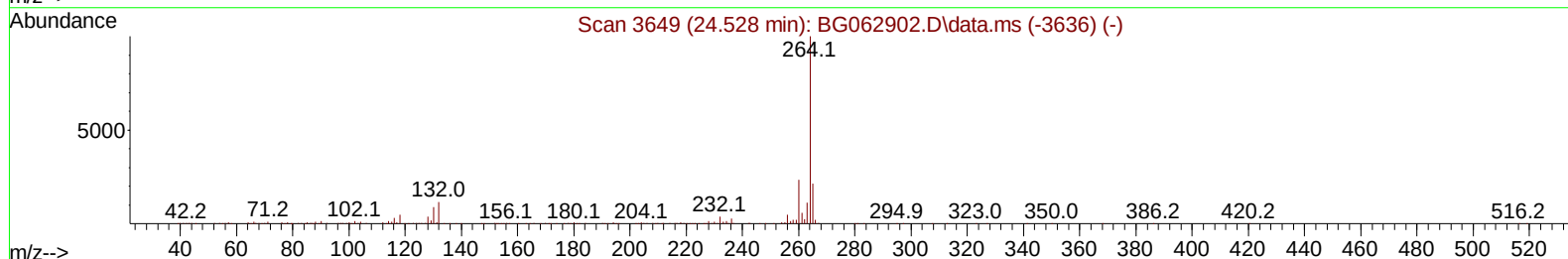
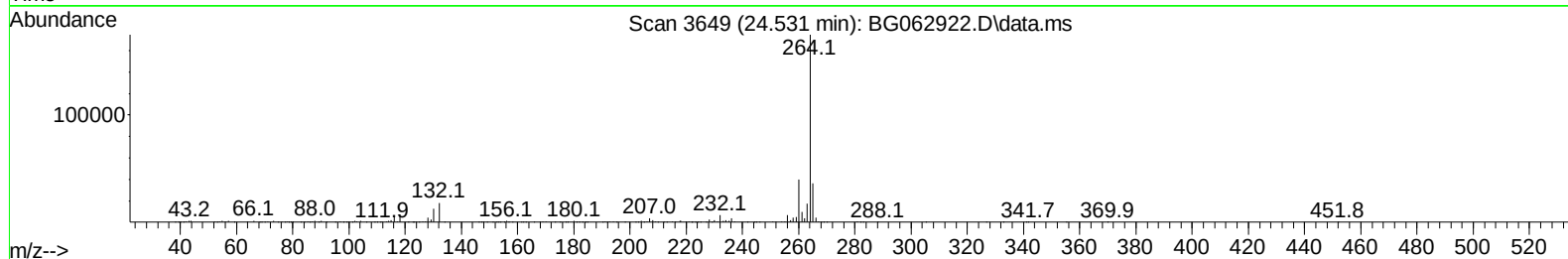
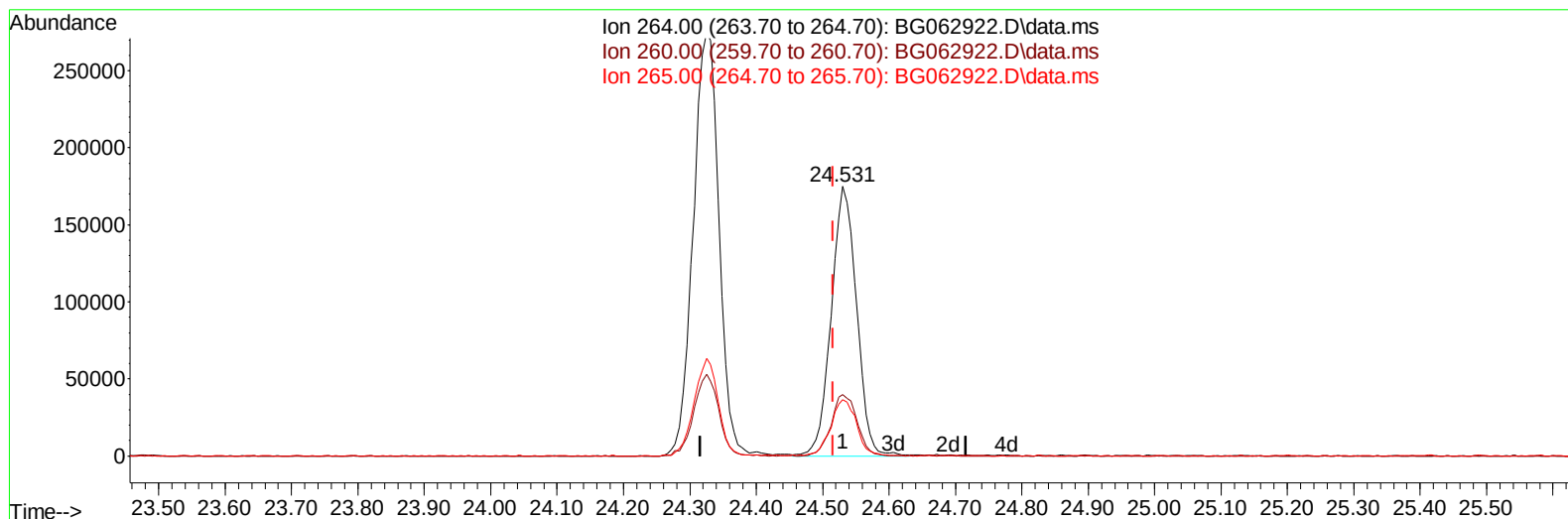
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062922.D
Acq On : 18 Sep 2024 23:43
Operator : JU/RC
Sample : P3994-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

Manual IntegrationsAPPROVED

Quant Time: Sep 19 00:18:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062922.D\data.ms

(88) Perylene-d12 (I)

24.531min (+ 0.014) 20.00 ng/ul m

response 463305

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.50	22.77
265.00	20.10	20.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062922.D
 Acq On : 18 Sep 2024 23:43
 Operator : JU/RC
 Sample : P3994-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B70

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 00:19:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	46209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.647	136	195044	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.489	164	158322	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	384354m	20.000	ng/ul	0.00
79) Chrysene-d12	21.493	240	392059m	20.000	ng/ul	0.00
88) Perylene-d12	24.531	264	463305m	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	4753	3.013	ng/uL	0.00
4) Pyridine-d5	3.743	84	29449	6.876	ng/ul	0.00
7) Phenol-d5	7.028	99	27425	5.720	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	60934	22.709	ng/ul	0.00
11) 2-Chlorophenol-d4	7.392	132	62814	19.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.561	113	51105	14.549	ng/ul	0.00
21) Nitrobenzene-d5	9.008	128	36236	23.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.730	143	43502	24.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.271	165	85101	23.268	ng/ul	0.00
31) 4-Chloroaniline-d4	10.782	131	101372	22.271	ng/ul	0.00
46) Dimethylphthalate-d6	13.896	166	317635	26.979	ng/ul	0.00
49) Acenaphthylene-d8	14.184	160	320280	24.357	ng/ul	0.00
54) 4-Nitrophenol-d4	14.695	143	9624m	5.101	ng/ul	0.00
60) Fluorene-d10	15.482	176	295251	26.933	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	36923m	15.892	ng/ul	0.00
73) Anthracene-d10	17.339	188	523187	28.802	ng/ul	0.00
81) Pyrene-d10	19.636	212	680659	28.664	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.325	264	736601	30.147	ng/ul	0.01

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062922.D
Acq On : 18 Sep 2024 23:43
Operator : JU/RC
Sample : P3994-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 00:19:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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