

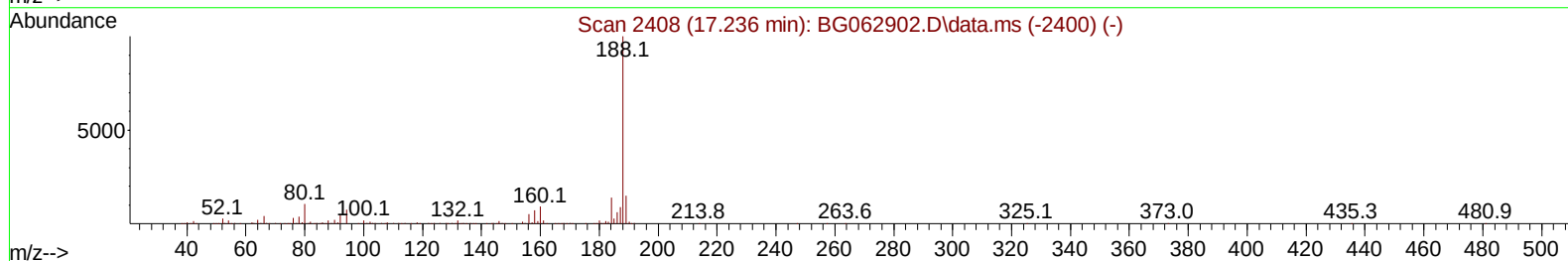
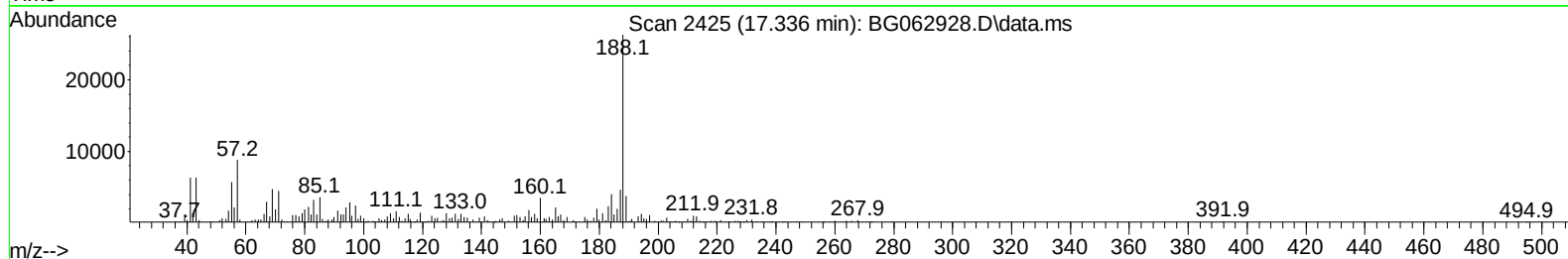
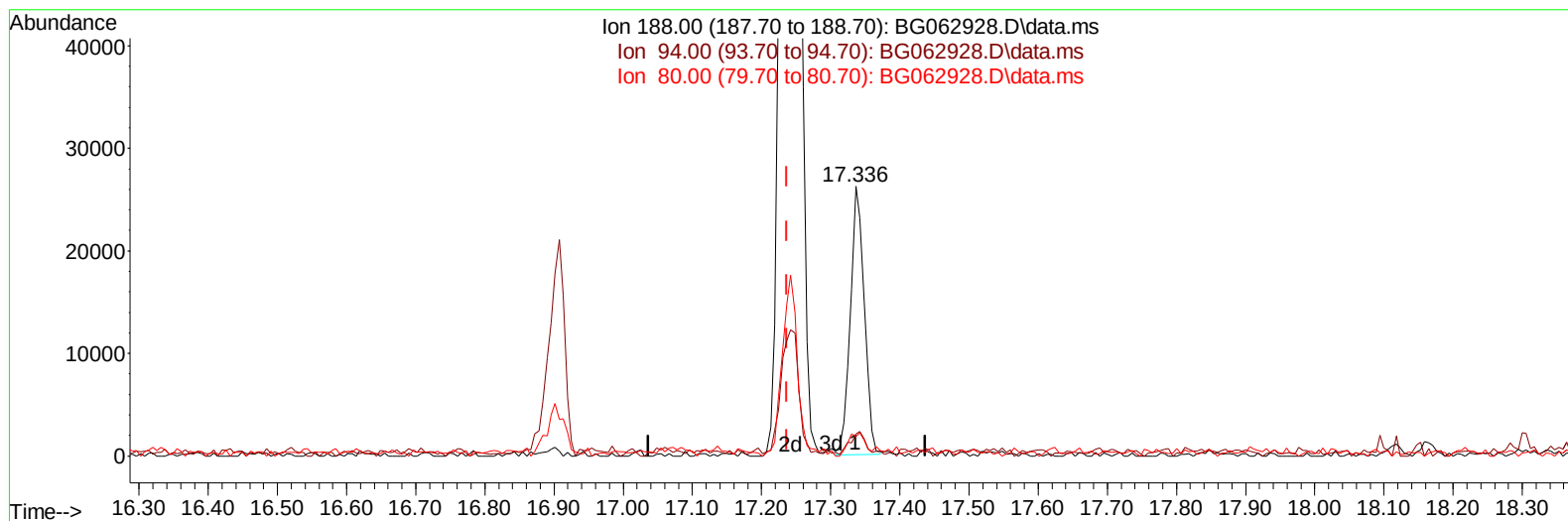
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062928.D
Acq On : 19 Sep 2024 4:19
Operator : JU/RC
Sample : P3899-16DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:53:47 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: BG062928.D\data.ms

(64) Phenanthrene-d10 (I)

17.336min (+ 0.100) 20.00 ng/u1

response 36532

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	8.22
80.00	8.70	7.30
0.00	0.00	0.00

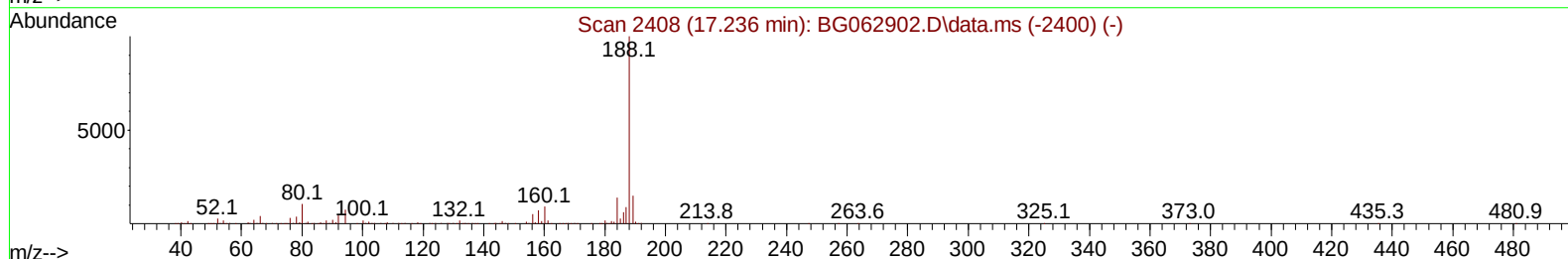
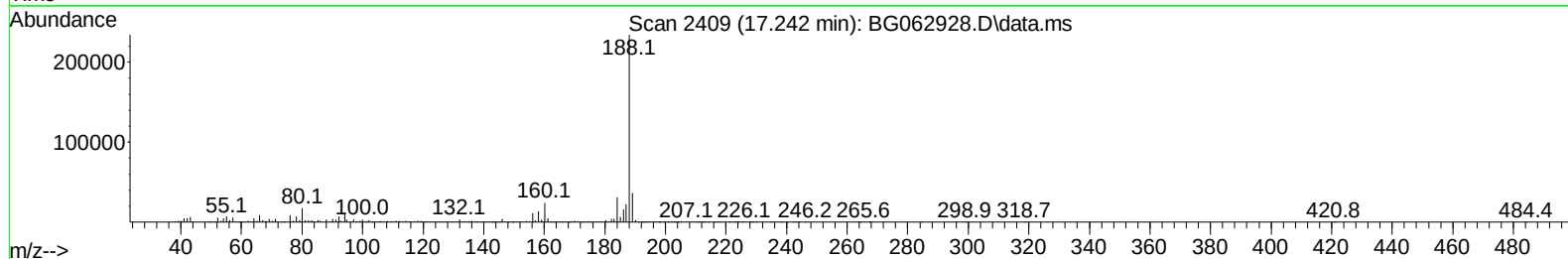
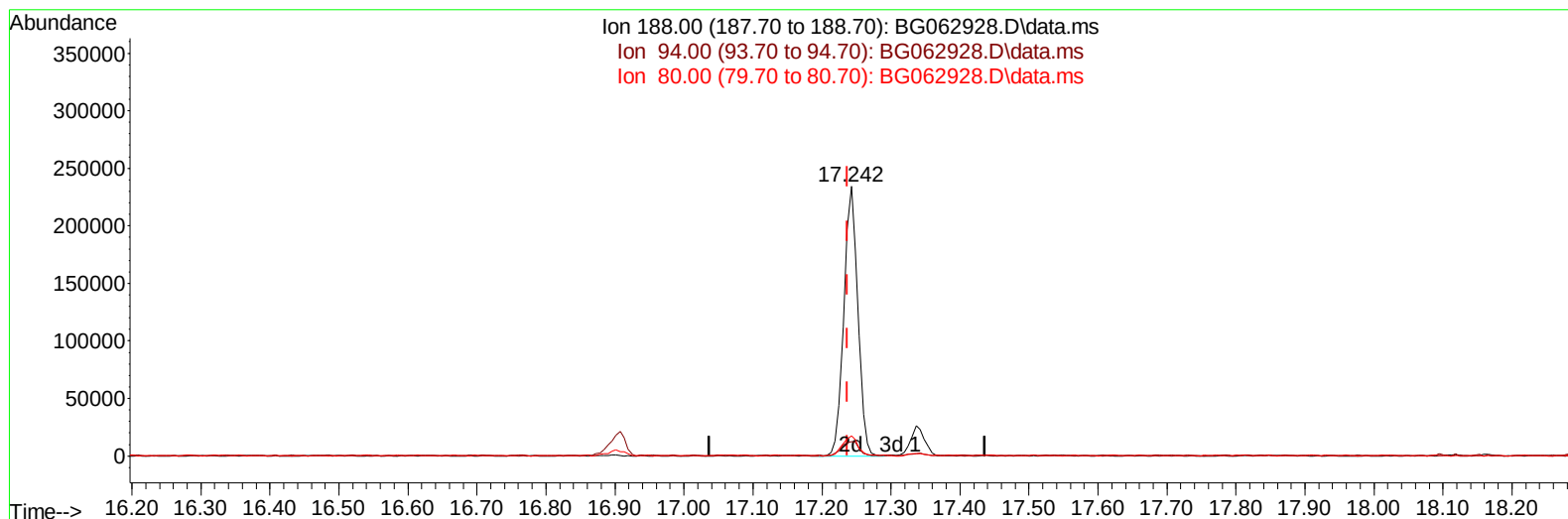
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
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 Sample : P3899-16DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:53:47 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: BG062928.D\data.ms

(64) Phenanthrene-d10 (I)

17.242min (+ 0.006) 20.00 ng/ul m

response 330130

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	5.25#
80.00	8.70	7.52
0.00	0.00	0.00

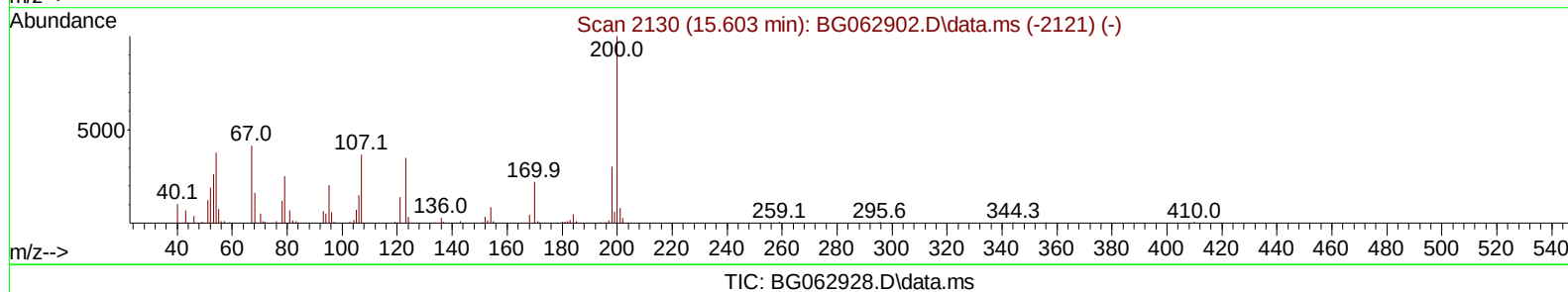
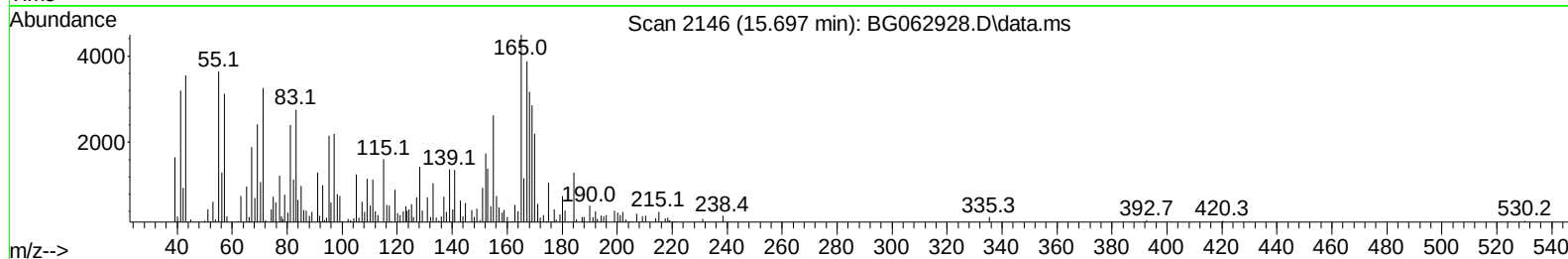
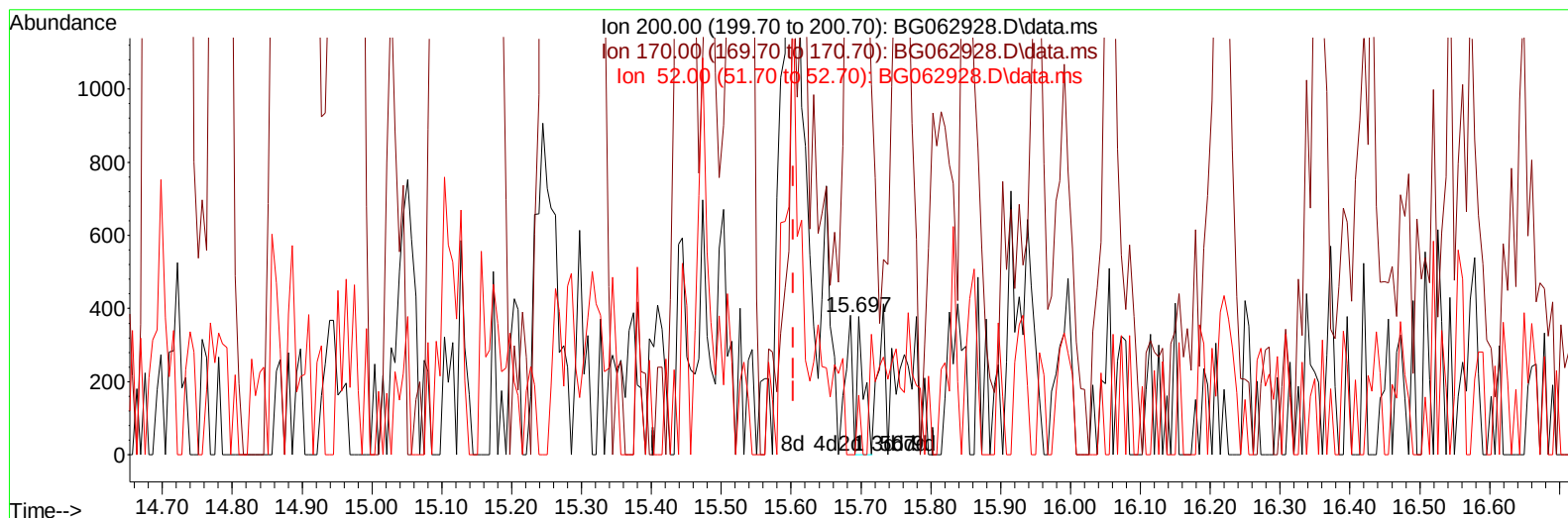
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062928.D
 Acq On : 19 Sep 2024 4:19
 Operator : JU/RC
 Sample : P3899-16DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:54:56 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



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

15.697min (+ 0.094) 0.13 ng/ul

response 257

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	582.28#
52.00	36.60	43.12
0.00	0.00	0.00

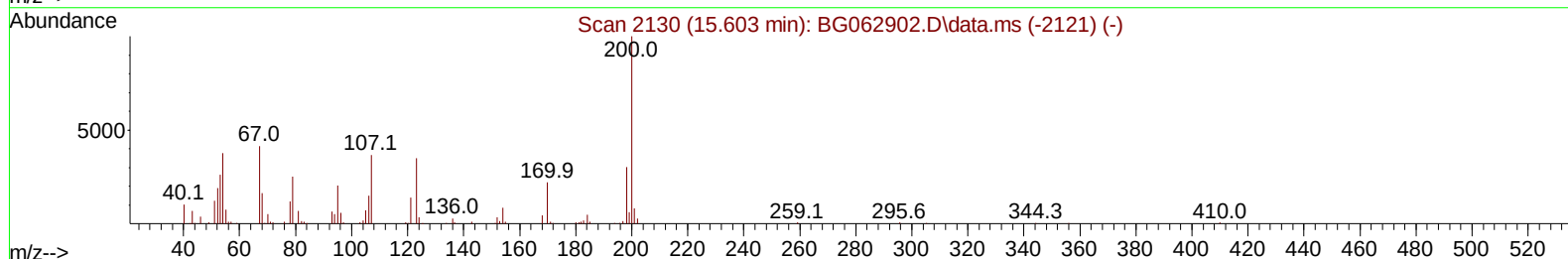
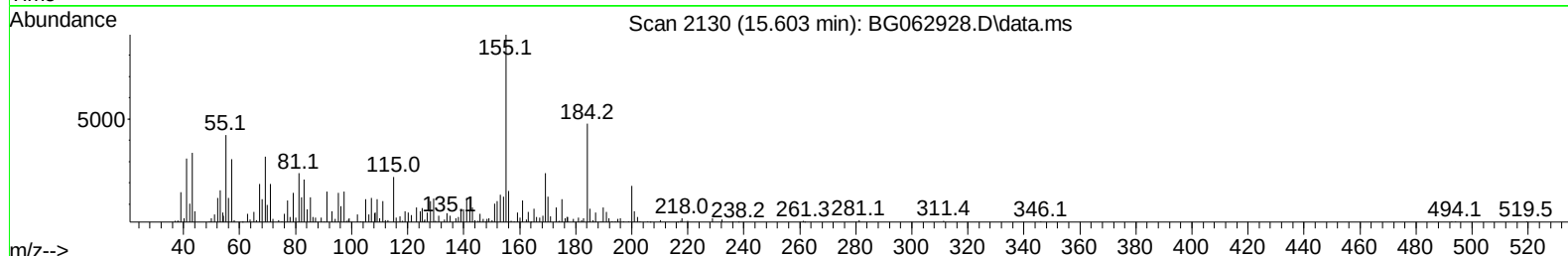
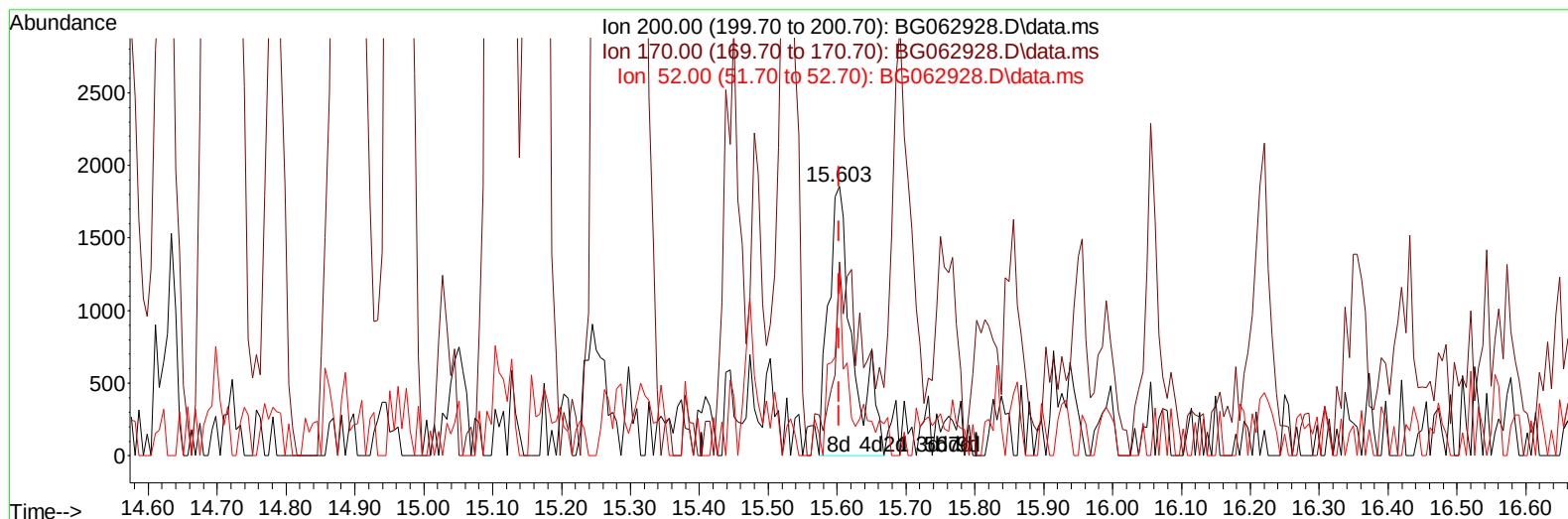
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062928.D
 Acq On : 19 Sep 2024 4:19
 Operator : JU/RC
 Sample : P3899-16DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:54:56 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: BG062928.D\data.ms

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

15.603min (-0.000) 2.26 ng/ul m

response 4512

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	72.08#
52.00	36.60	69.76#
0.00	0.00	0.00

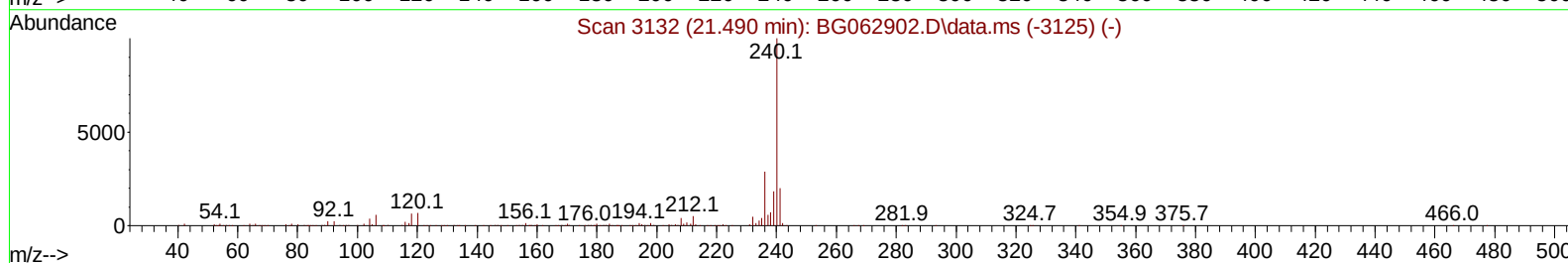
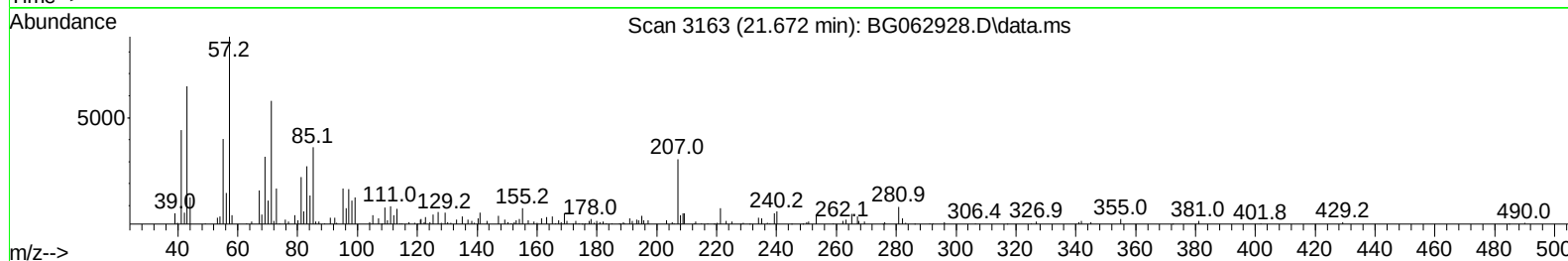
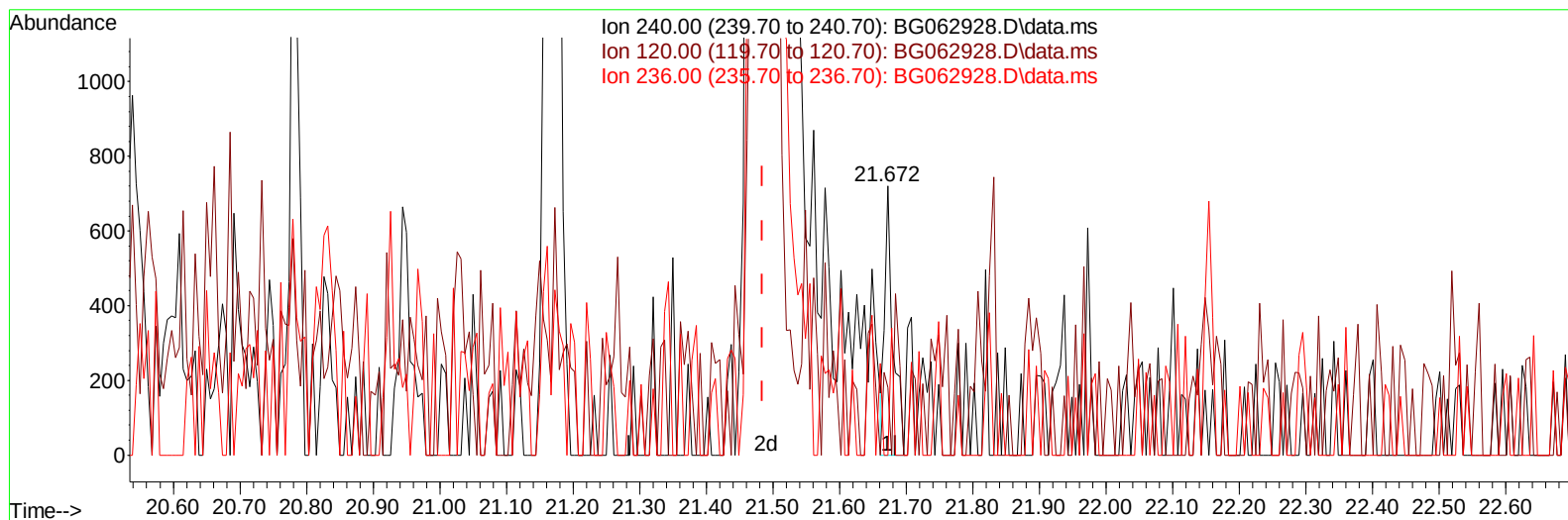
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062928.D
Acq On : 19 Sep 2024 4:19
Operator : JU/RC
Sample : P3899-16DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:54:56 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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Supervised By :mohammad ahmed 09/22/2024



TIC: BG062928.D\data.ms

(79) Chrysene-d12 (I)

21.672min (+ 0.188) 20.00 ng/ul

response 629

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	25.14#
236.00	26.60	0.00#
0.00	0.00	0.00

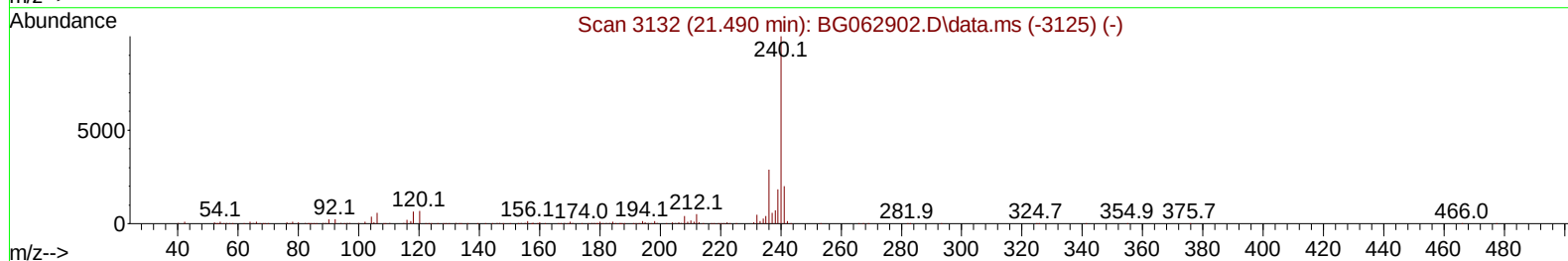
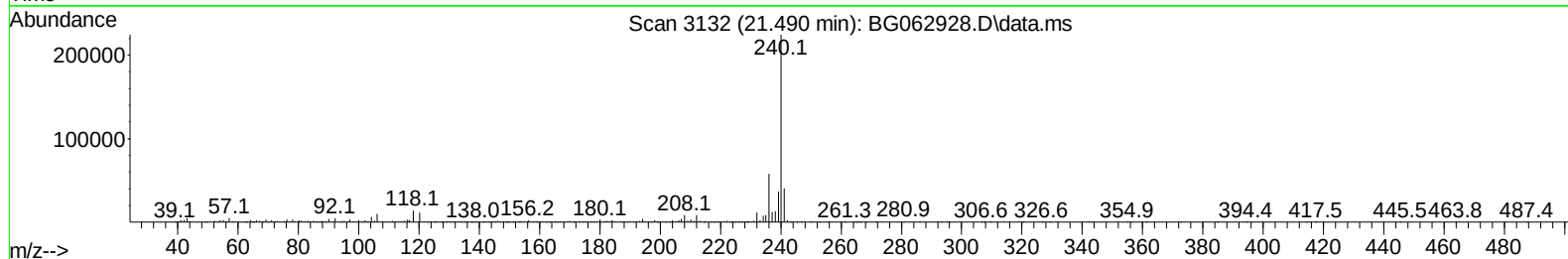
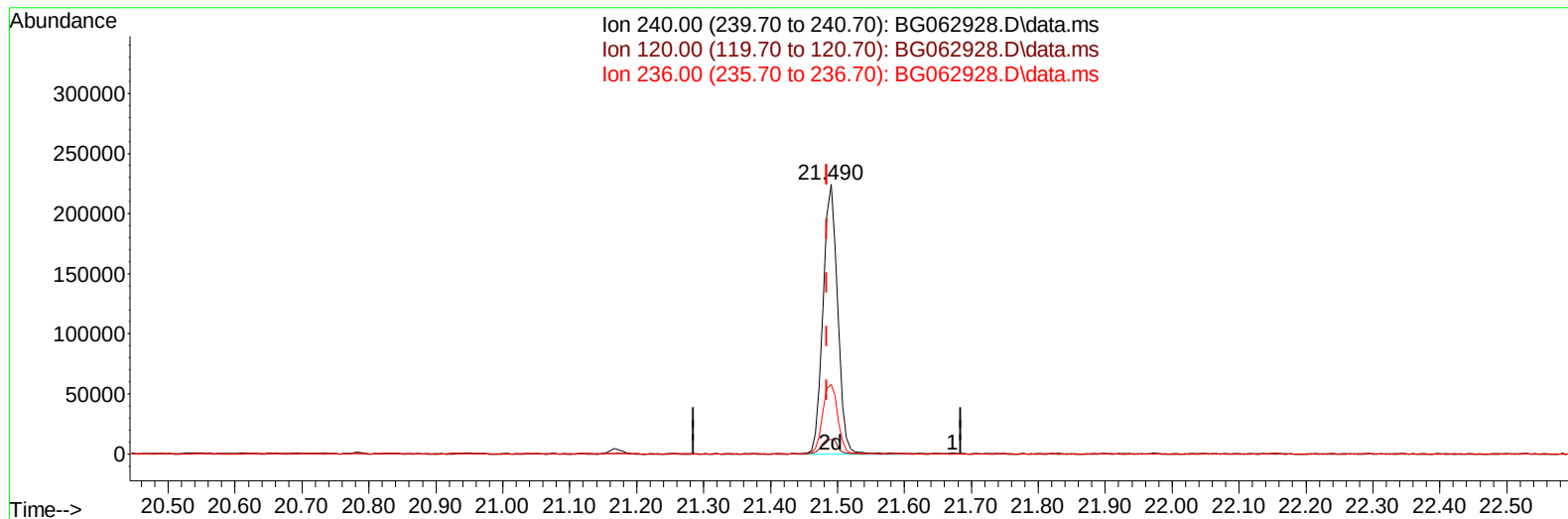
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062928.D
Acq On : 19 Sep 2024 4:19
Operator : JU/RC
Sample : P3899-16DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:54:56 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: BG062928.D\data.ms

(79) Chrysene-d12 (I)

21.490min (+ 0.006) 20.00 ng/ul m

response 339537

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	5.26#
236.00	26.60	25.90
0.00	0.00	0.00

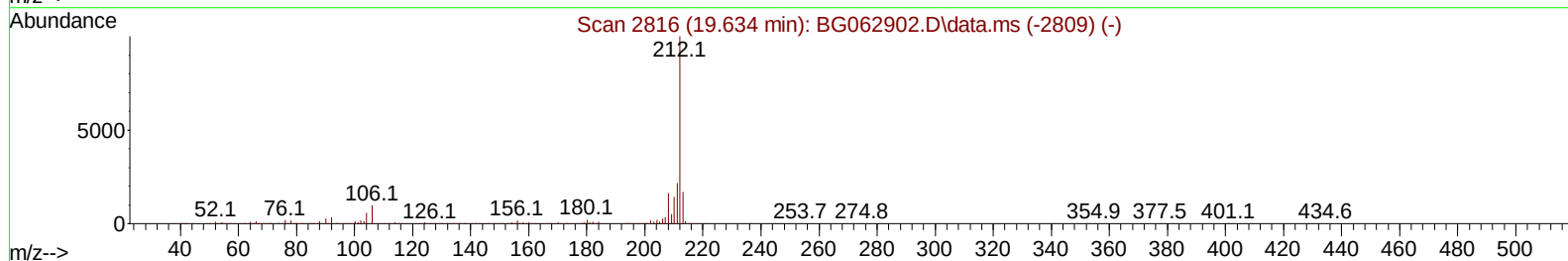
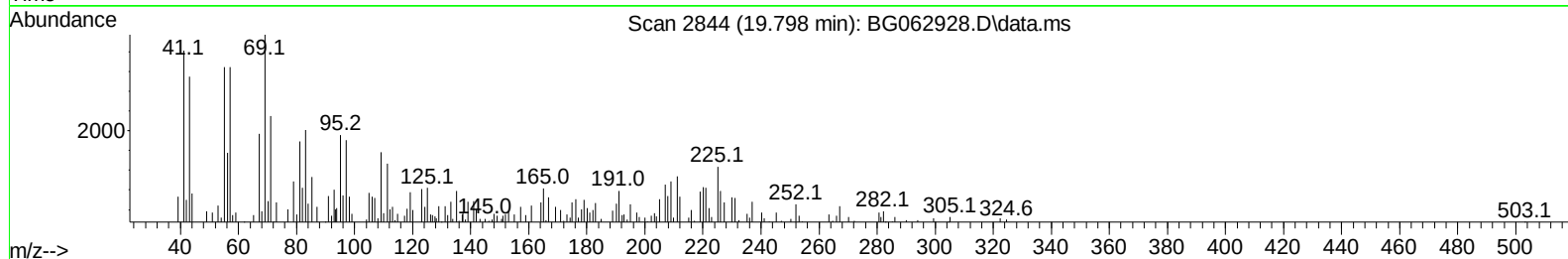
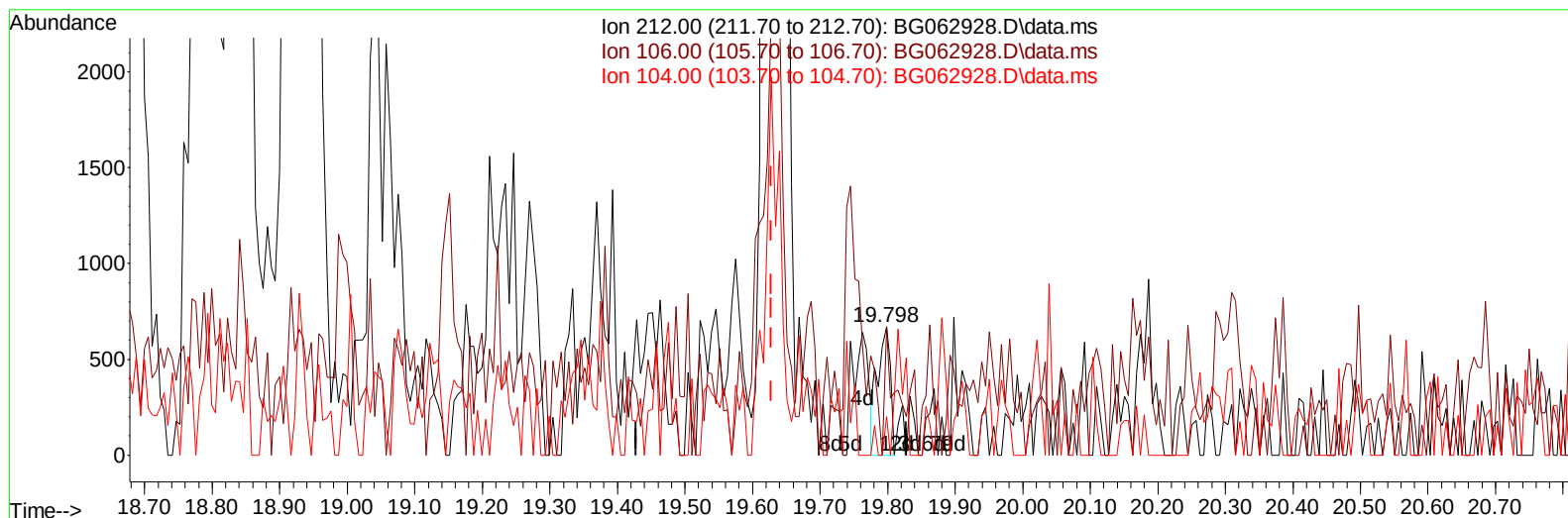
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062928.D
Acq On : 19 Sep 2024 4:19
Operator : JU/RC
Sample : P3899-16DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:56:04 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: BG062928.D\data.ms

(81) Pyrene-d10 (S)

19.798min (+ 0.170) 0.04 ng/ul

response 884

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.50	99.25#
104.00	7.40	30.19#
0.00	0.00	0.00

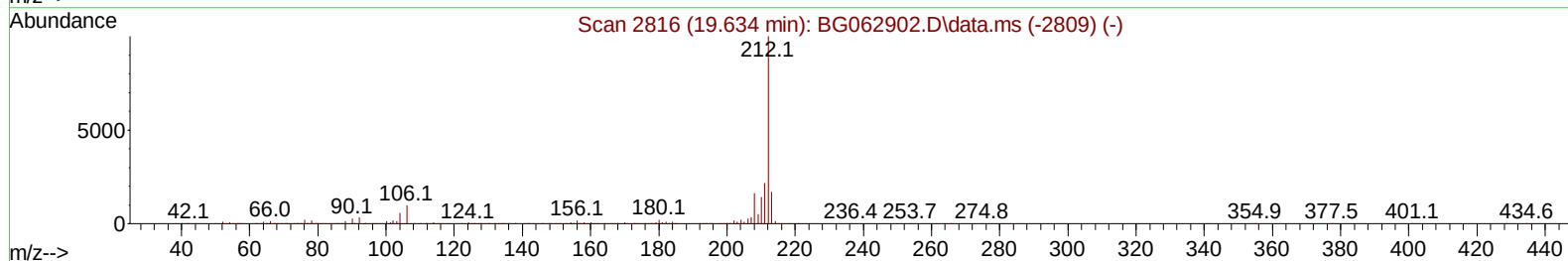
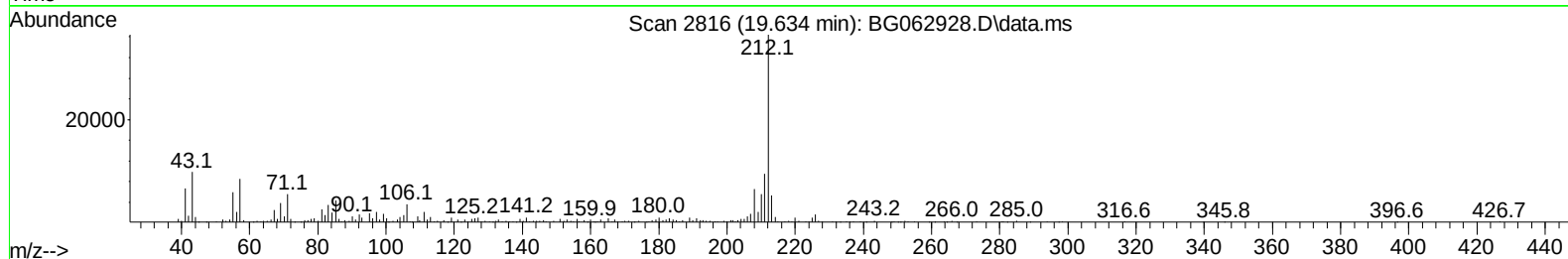
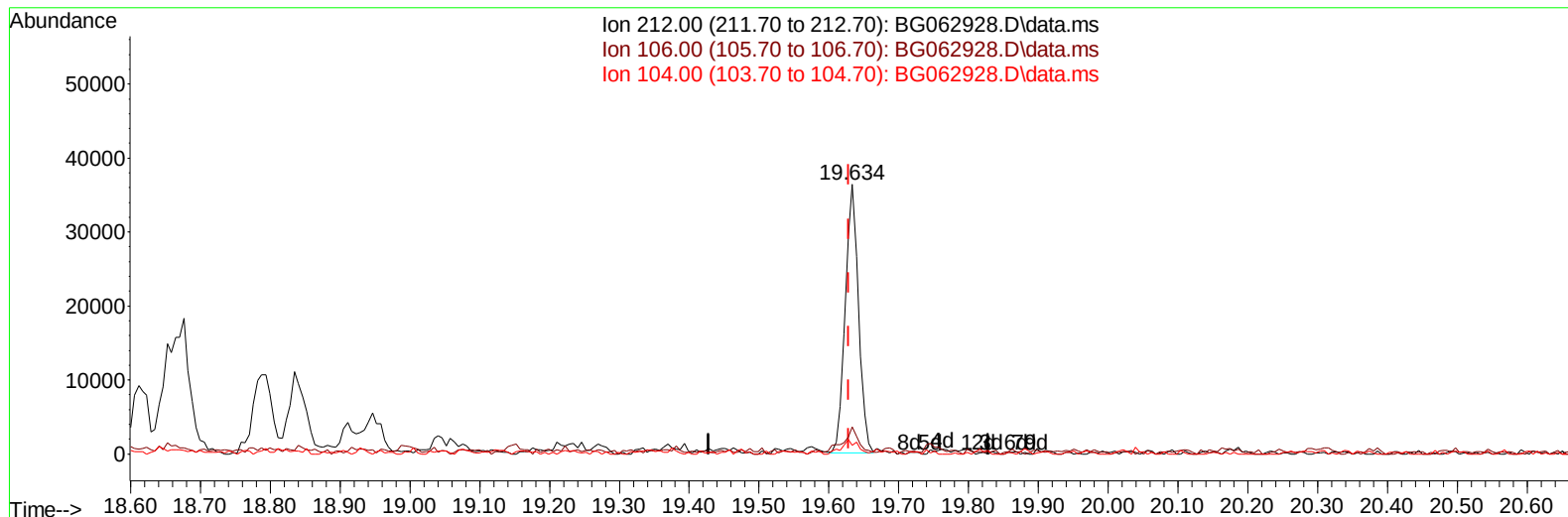
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062928.D
Acq On : 19 Sep 2024 4:19
Operator : JU/RC
Sample : P3899-16DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:56:04 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: BG062928.D\data.ms

(81) Pyrene-d10 (S)

19.634min (+ 0.006) 2.32 ng/ul m

response 47736

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.50	9.94
104.00	7.40	3.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062928.D
 Acq On : 19 Sep 2024 4:19
 Operator : JU/RC
 Sample : P3899-16DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_G

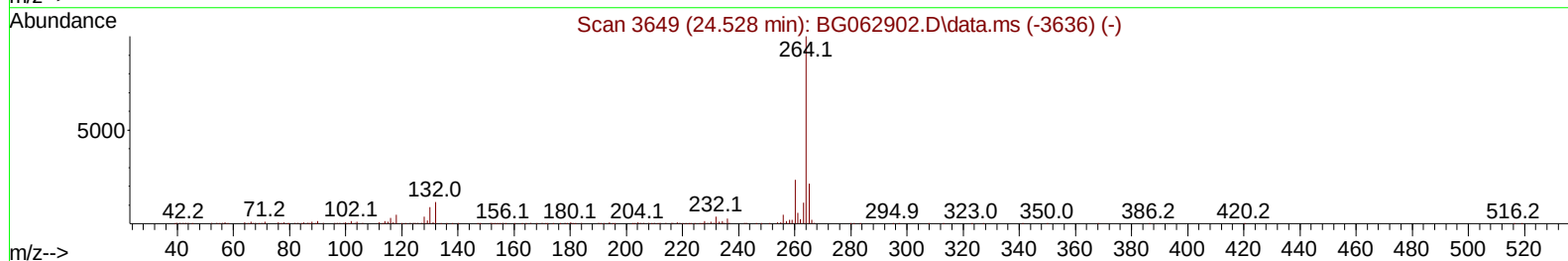
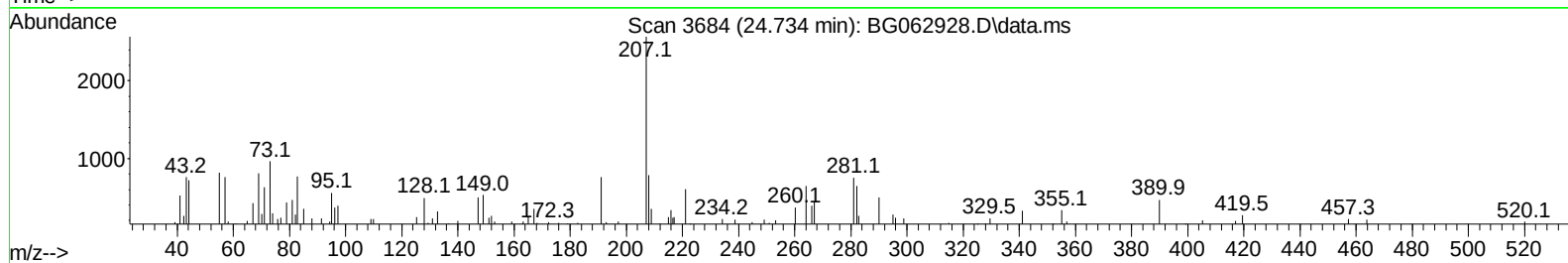
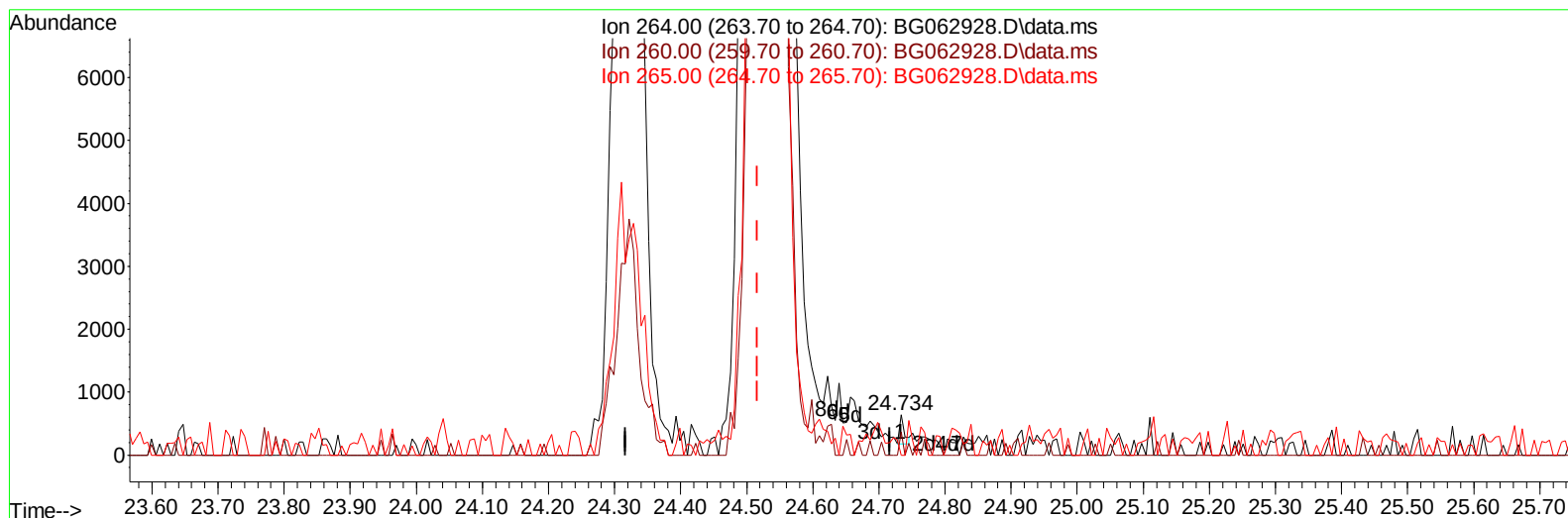
ClientSampleId :

DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:56:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
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TIC: BG062928.D\data.ms

(88) Perylene-d12 (I)

24.734min (+ 0.217) 20.00 ng/ul

response 238

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.50	57.54#
265.00	20.10	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062928.D
 Acq On : 19 Sep 2024 4:19
 Operator : JU/RC
 Sample : P3899-16DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_G

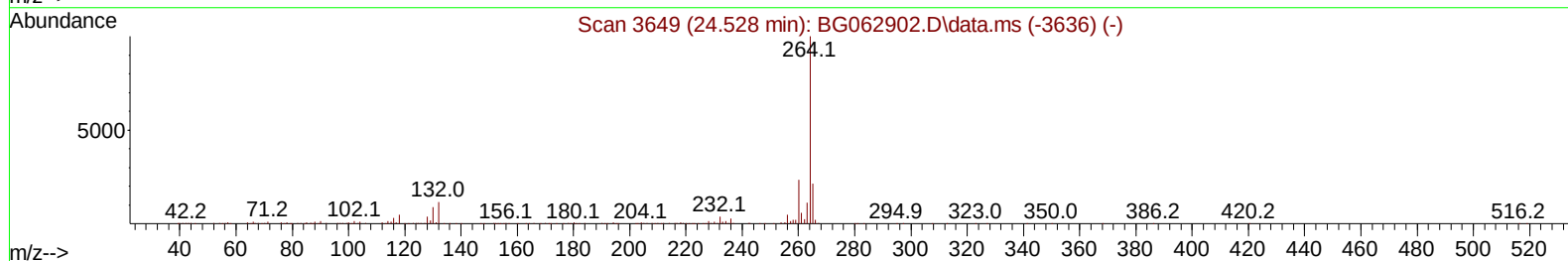
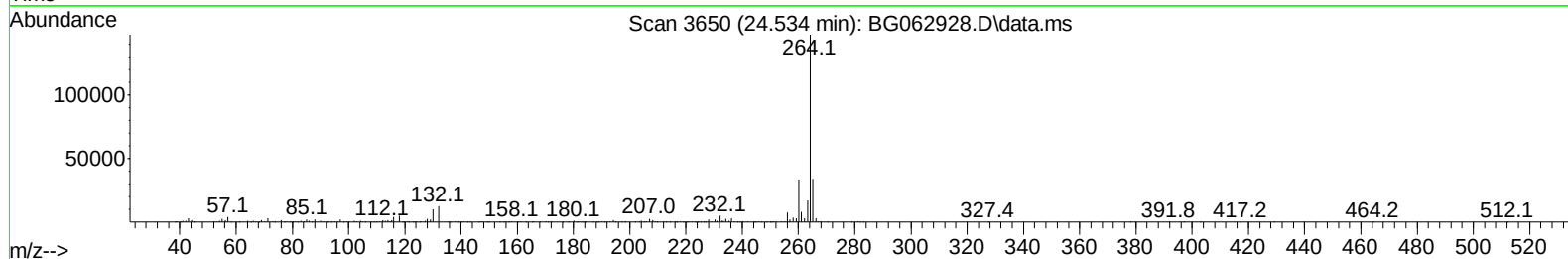
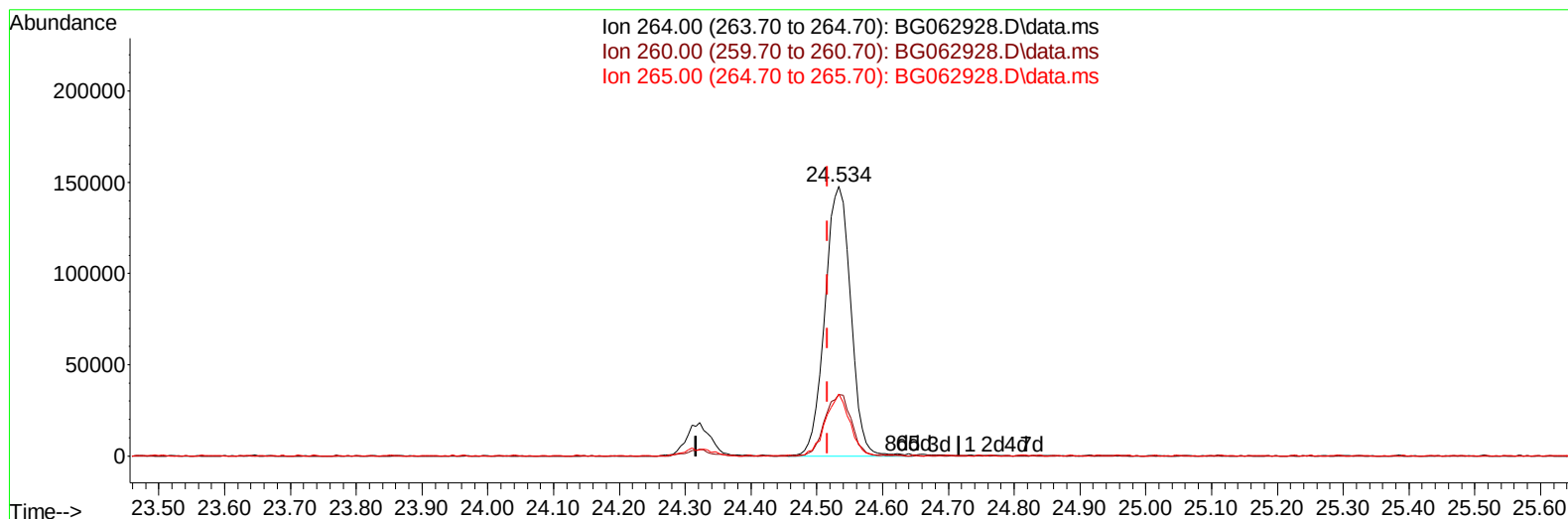
ClientSampleId :

DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:56:04 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: BG062928.D\data.ms

(88) Perylene-d12 (I)

24.534min (+ 0.017) 20.00 ng/ul m

response 401249

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.50	22.70
265.00	20.10	23.03
0.00	0.00	0.00

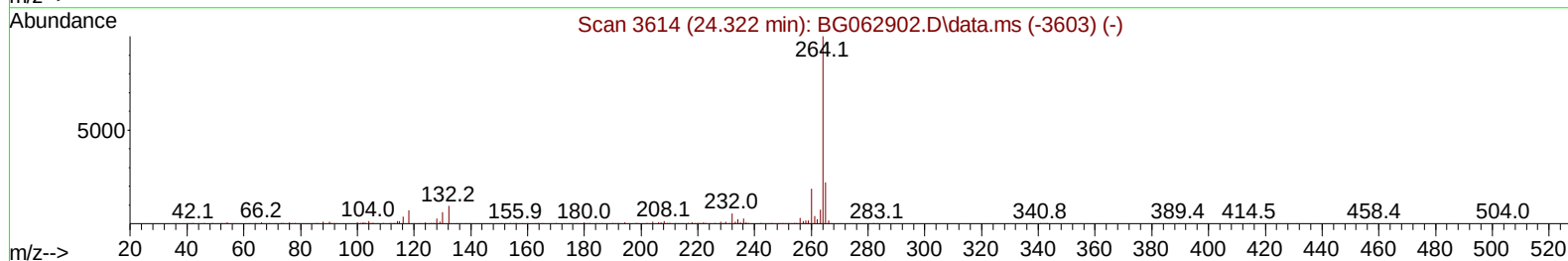
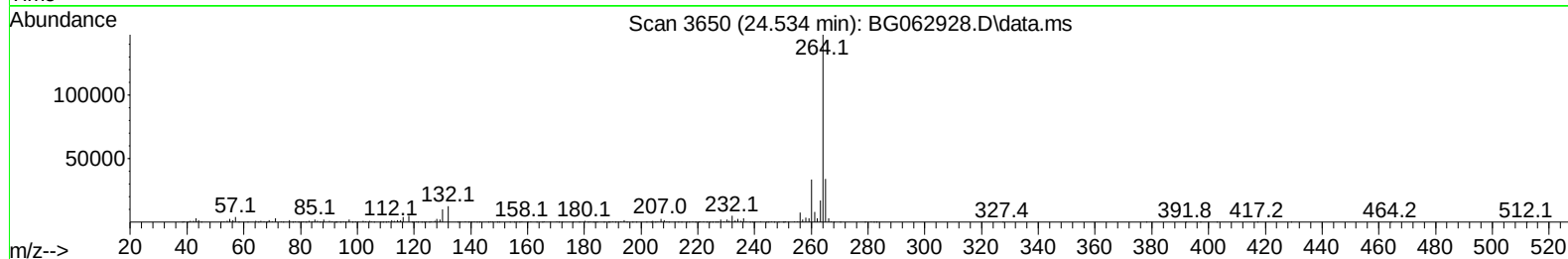
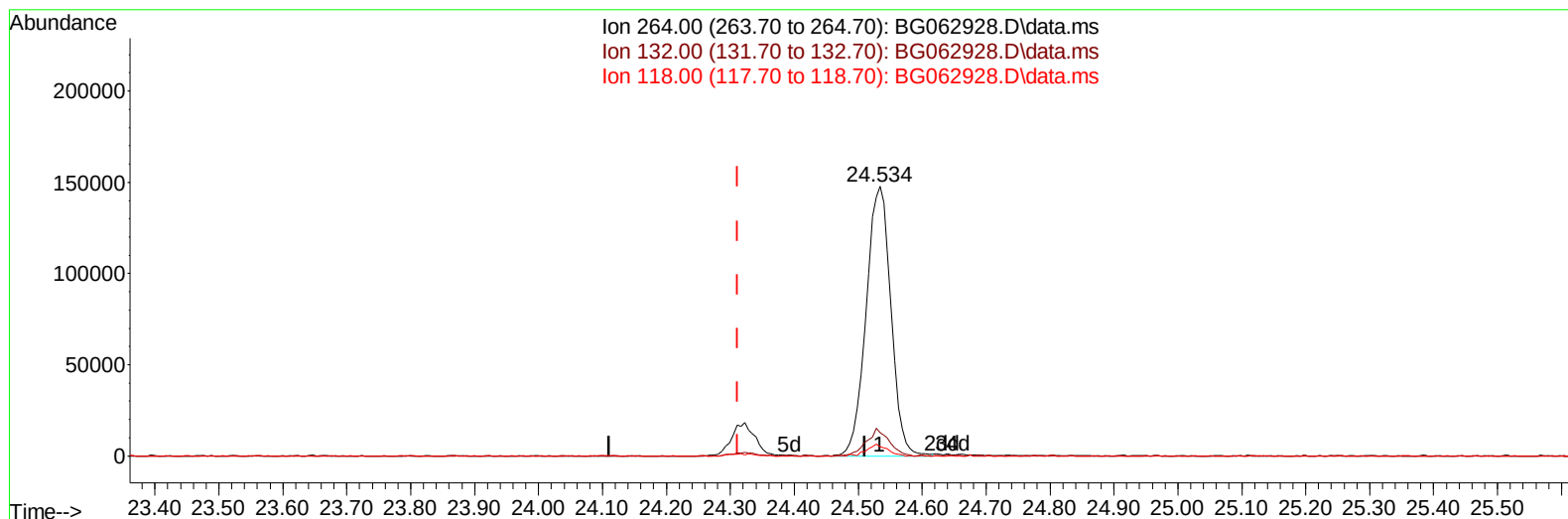
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062928.D
Acq On : 19 Sep 2024 4:19
Operator : JU/RC
Sample : P3899-16DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:56:56 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: BG062928.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.534min (+ 0.223) 18.89 ng/ul

response 399741

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	10.80	8.72
118.00	6.70	3.47#
0.00	0.00	0.00

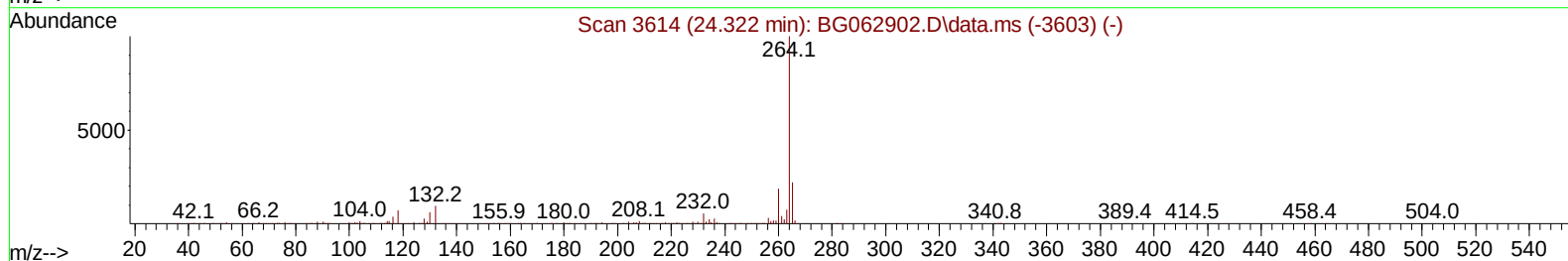
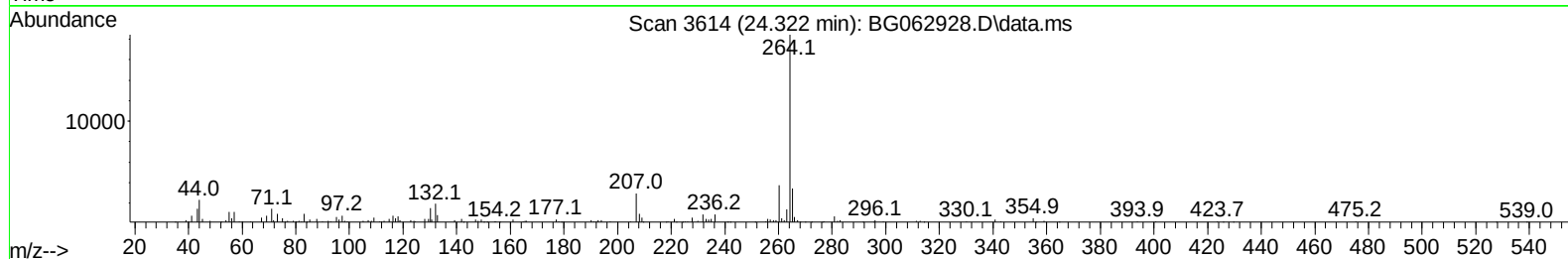
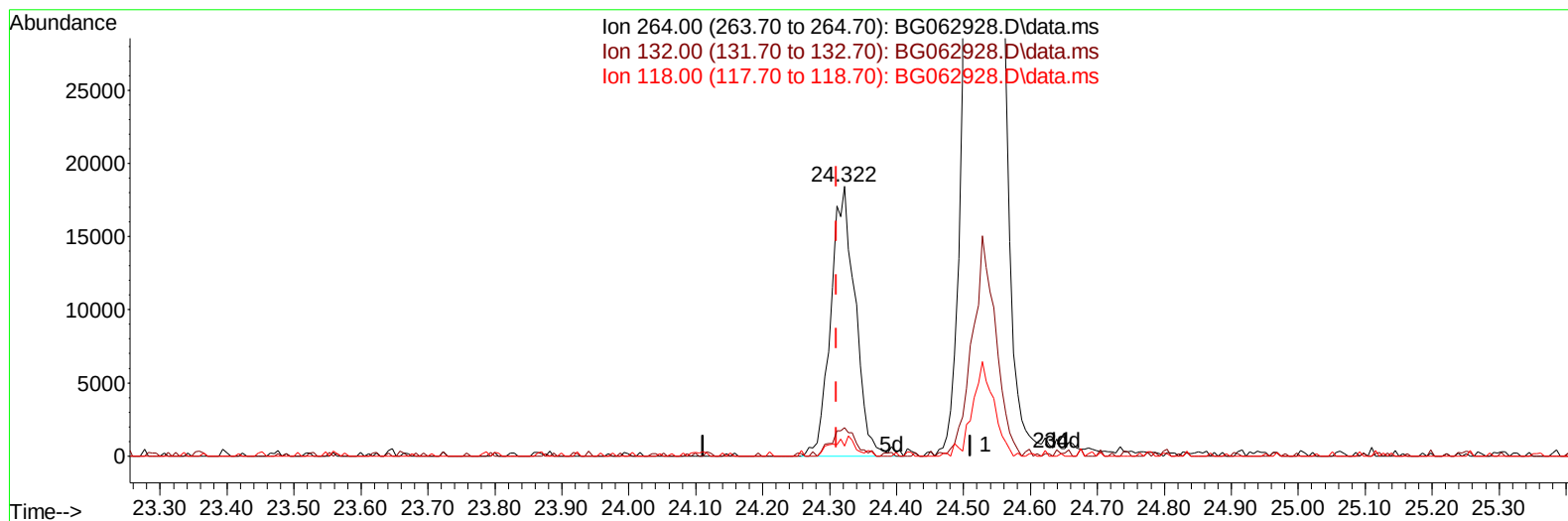
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062928.D
Acq On : 19 Sep 2024 4:19
Operator : JU/RC
Sample : P3899-16DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC52DL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 04:56:56 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: BG062928.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.322min (+ 0.011) 2.21 ng/ul m

response 46779

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	10.80	10.51
118.00	6.70	3.78#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062928.D
 Acq On : 19 Sep 2024 4:19
 Operator : JU/RC
 Sample : P3899-16DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC52DL

Manual IntegrationsAPPROVED

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

Quant Time: Sep 19 04:58:29 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	42270	20.000	ng/ul	0.00
20) Naphthalene-d8	10.644	136	174229	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	142609	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.242	188	330130m	20.000	ng/ul	0.00
79) Chrysene-d12	21.490	240	339537m	20.000	ng/ul	0.00
88) Perylene-d12	24.534	264	401249m	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.031	99	10107	2.304	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.184	67	10513	4.283	ng/ul	0.00
11) 2-Chlorophenol-d4	7.389	132	5751	1.997	ng/ul	0.00
15) 4-Methylphenol-d8	8.558	113	4744	1.476	ng/ul	0.00
21) Nitrobenzene-d5	9.017	128	3735	2.691	ng/ul	0.01
24) 2-Nitrophenol-d4	9.728	143	4311	2.738	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	8074	2.471	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.893	166	25125	2.369	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	28340	2.393	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	3458	2.035	ng/ul	0.00
60) Fluorene-d10	15.480	176	23199	2.349	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	4512m	2.261	ng/ul	0.00
73) Anthracene-d10	17.336	188	36082	2.313	ng/ul	0.00
81) Pyrene-d10	19.634	212	47736m	2.321	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.322	264	46779m	2.211	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.691	128	38306	3.960	ng/ul#	96
36) 2-Methylnaphthalene	12.307	142	86717	12.439	ng/ul	99
37) 1-Methylnaphthalene	12.524	142	45426	6.439	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.115	232	104457	35.083	ng/ul	95
71) Pentachlorophenol	16.907	266	1145576	474.083	ng/ul	91
72) Phenanthrene	17.283	178	45881	2.616	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062928.D
Acq On : 19 Sep 2024 4:19
Operator : JU/RC
Sample : P3899-16DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC52DL

Manual IntegrationsAPPROVED

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

Quant Time: Sep 19 04:58:29 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

