

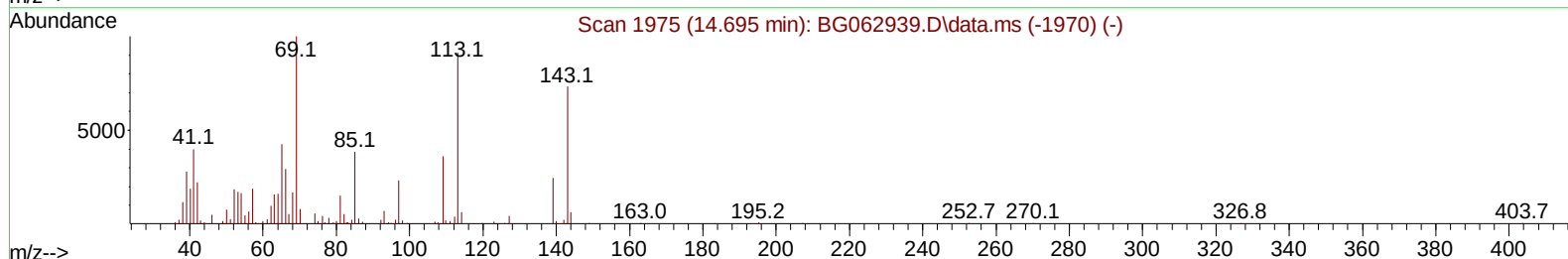
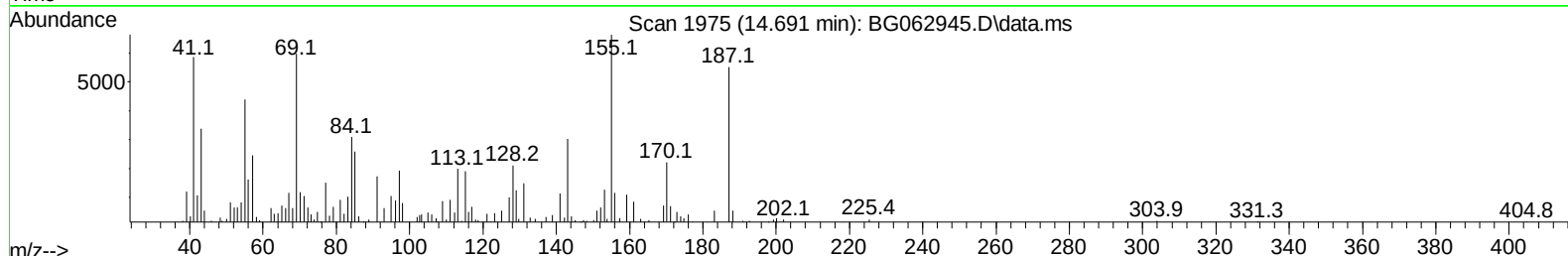
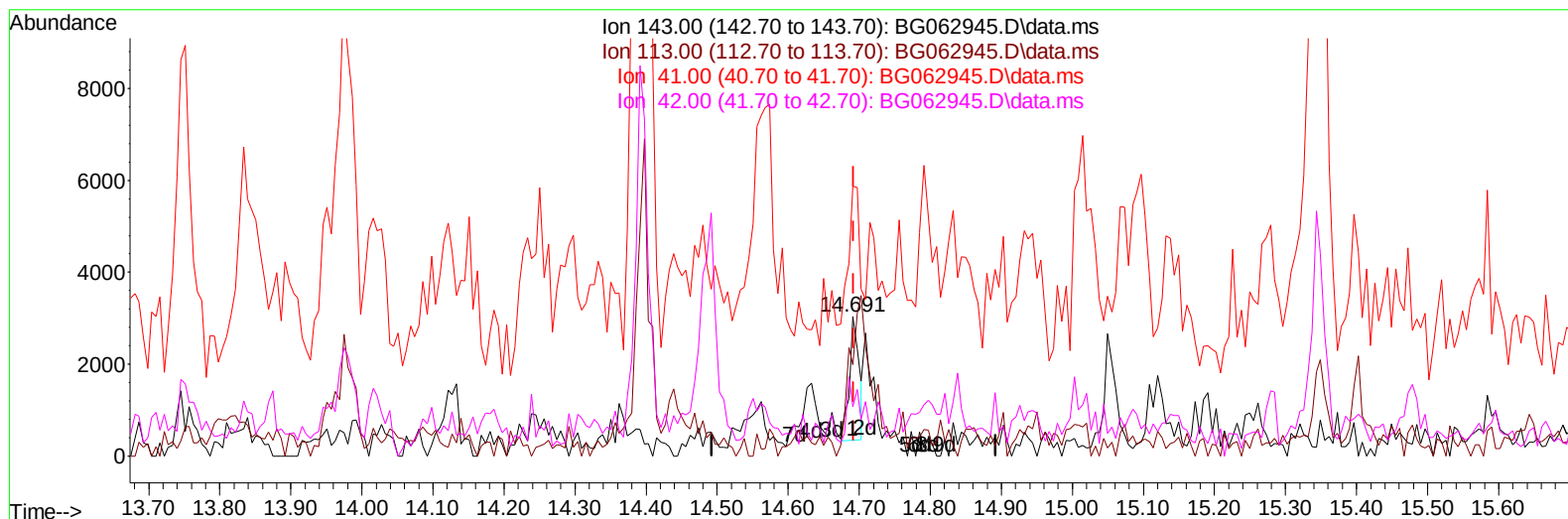
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062945.D
 Acq On : 19 Sep 2024 16:09
 Operator : JU/RC
 Sample : P3878-13MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:52:51 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: BG062945.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.691min (-0.002) 1.67 ng/ul

response 2636

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	65.54#
41.00	49.70	193.15#
42.00	34.20	35.29

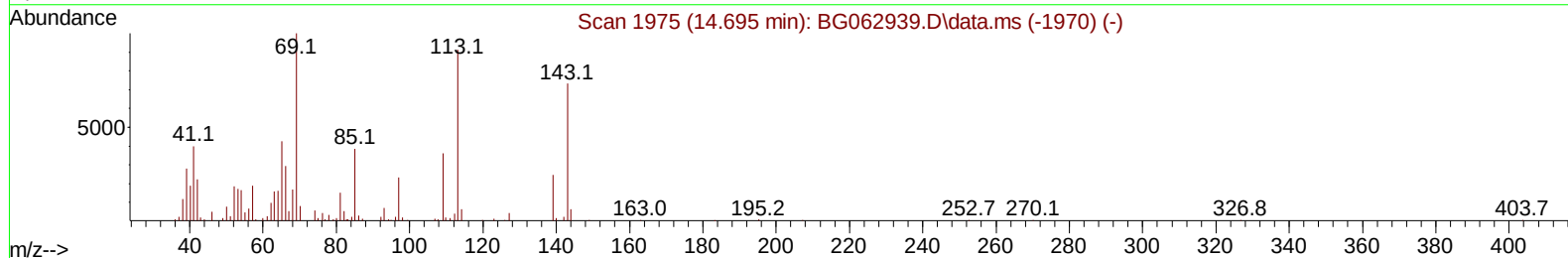
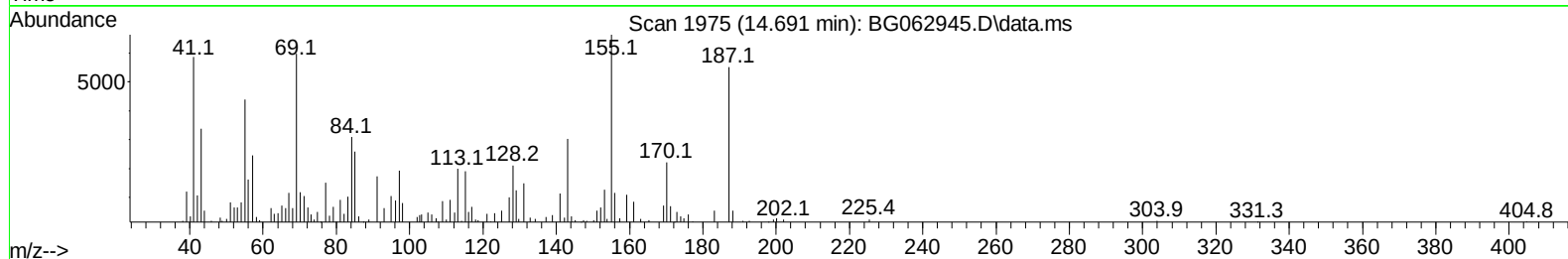
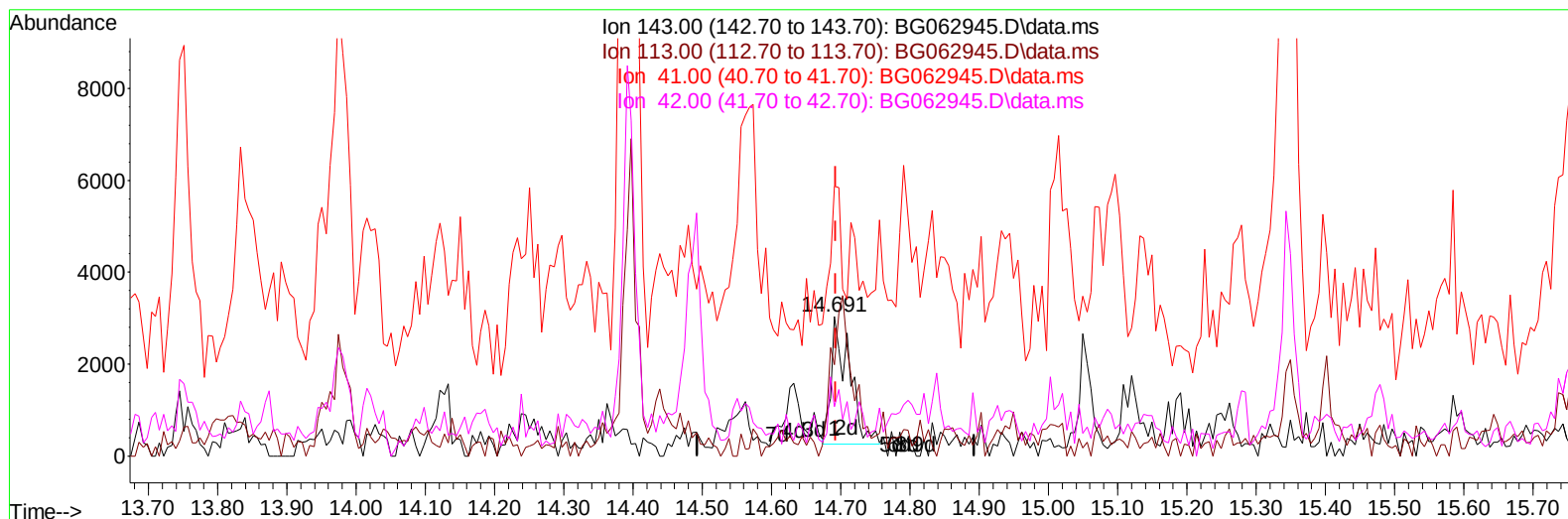
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062945.D
Acq On : 19 Sep 2024 16:09
Operator : JU/RC
Sample : P3878-13MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:52:51 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: BG062945.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.691min (-0.002) 3.20 ng/ul m

response 5056

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	65.54#
41.00	49.70	193.15#
42.00	34.20	35.29

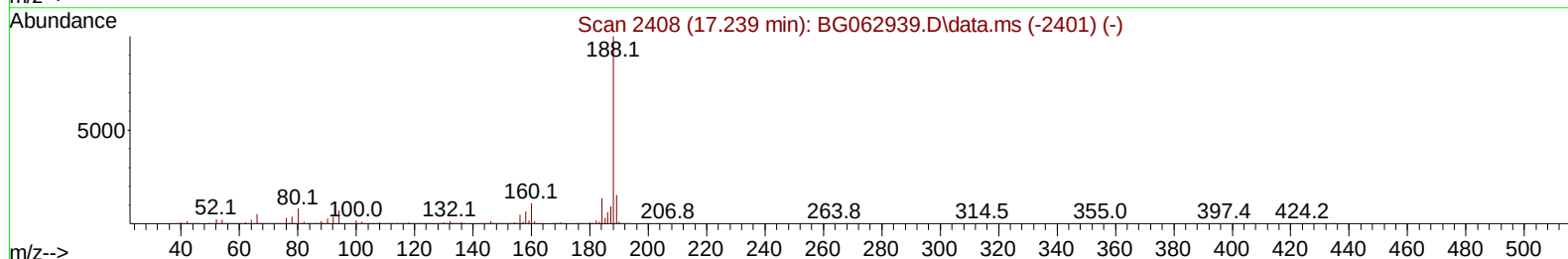
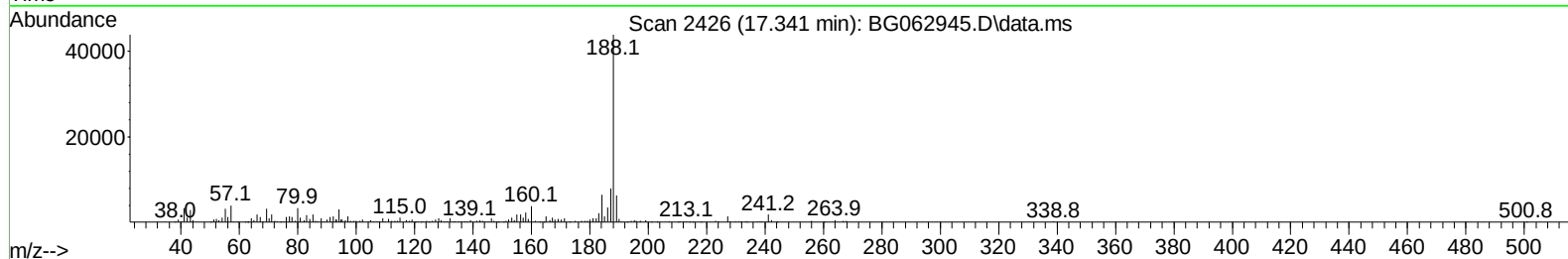
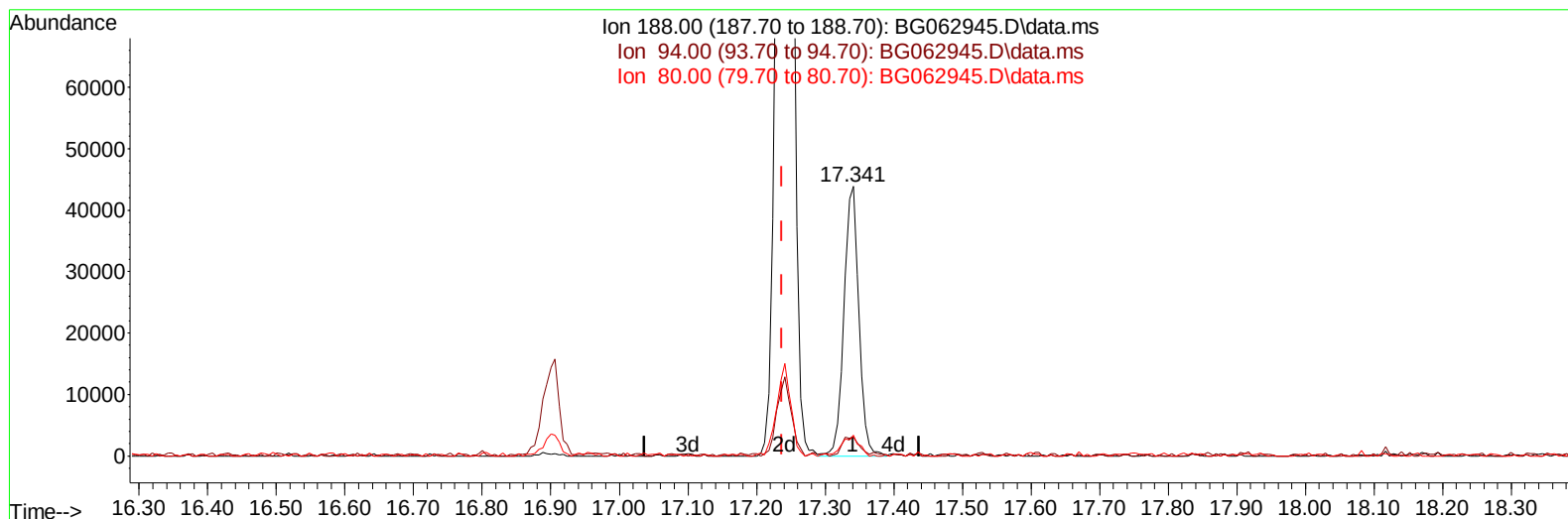
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062945.D
Acq On : 19 Sep 2024 16:09
Operator : JU/RC
Sample : P3878-13MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:52:51 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: BG062945.D\data.ms

(64) Phenanthrene-d10 (I)

17.341min (+ 0.104) 20.00 ng/ul

response 66151

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	7.03
80.00	8.70	7.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062945.D
 Acq On : 19 Sep 2024 16:09
 Operator : JU/RC
 Sample : P3878-13MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

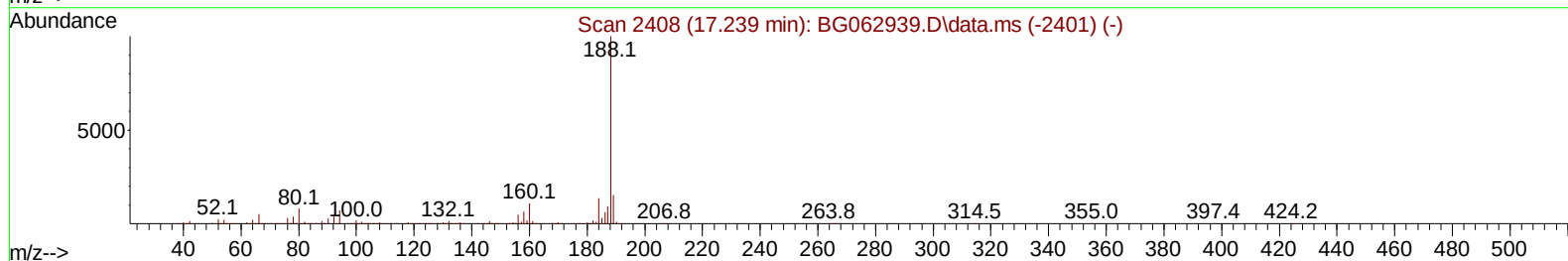
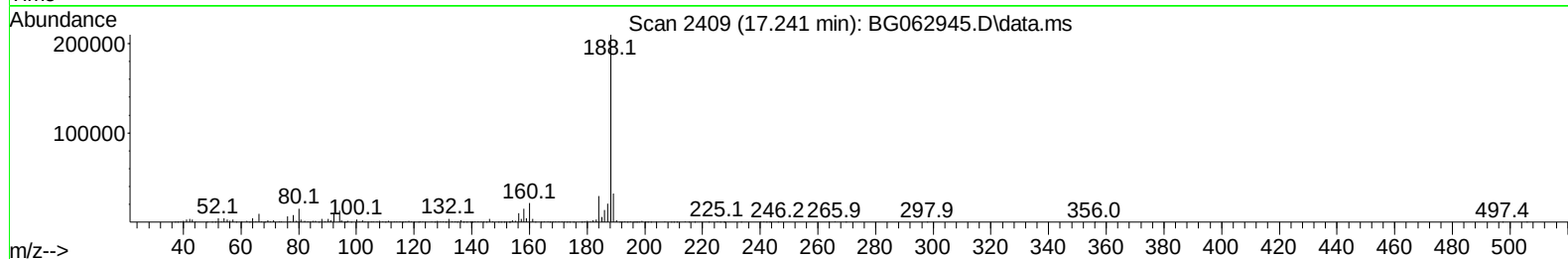
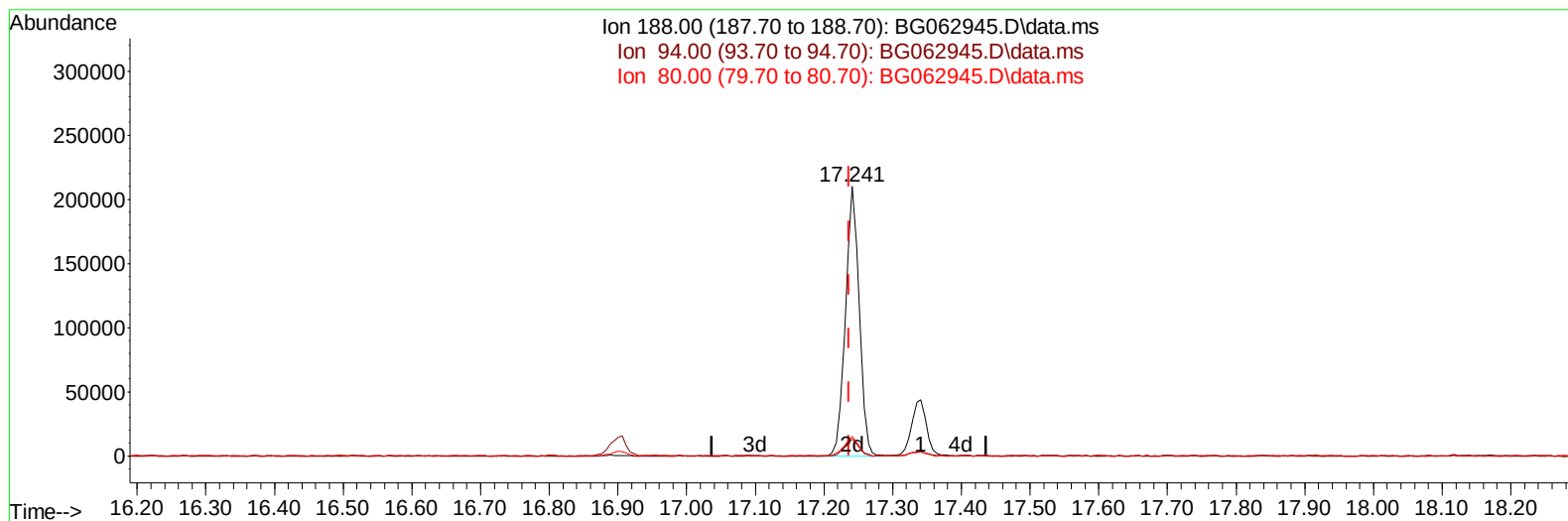
ClientSampleId :

DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:52:51 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: BG062945.D\data.ms

(64) Phenanthrene-d10 (I)

17.241min (+ 0.004) 20.00 ng/ul m

response 292121

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	6.16#
80.00	8.70	7.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062945.D
 Acq On : 19 Sep 2024 16:09
 Operator : JU/RC
 Sample : P3878-13MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

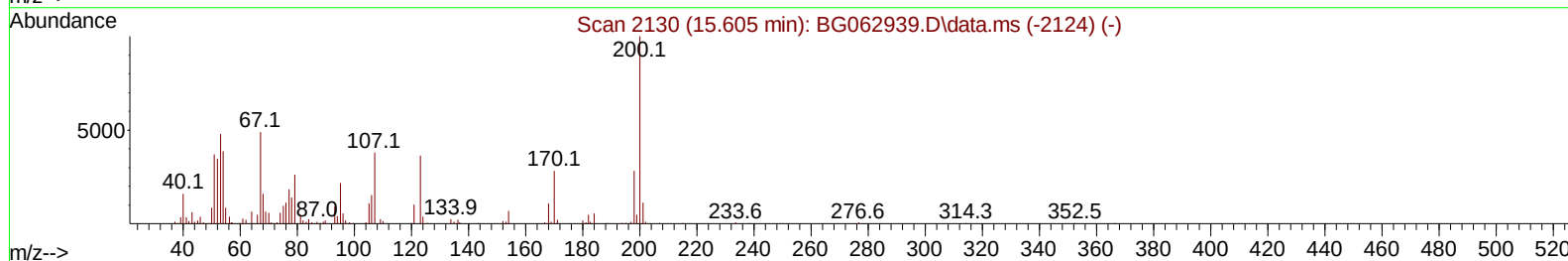
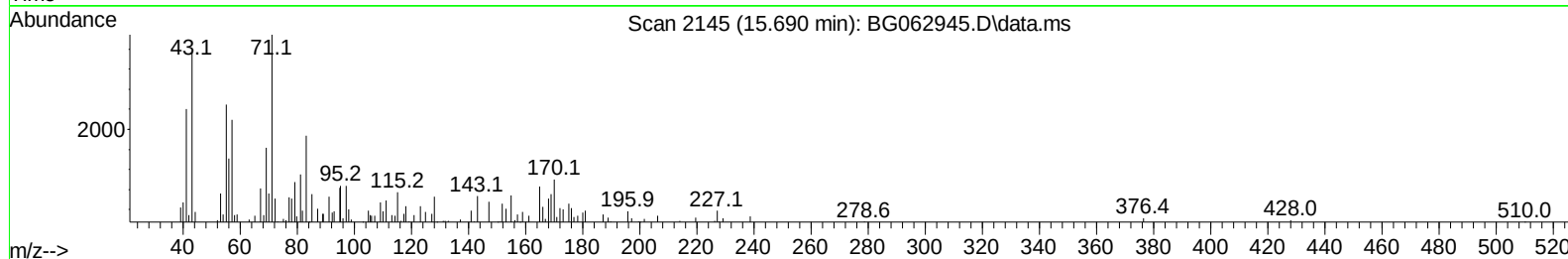
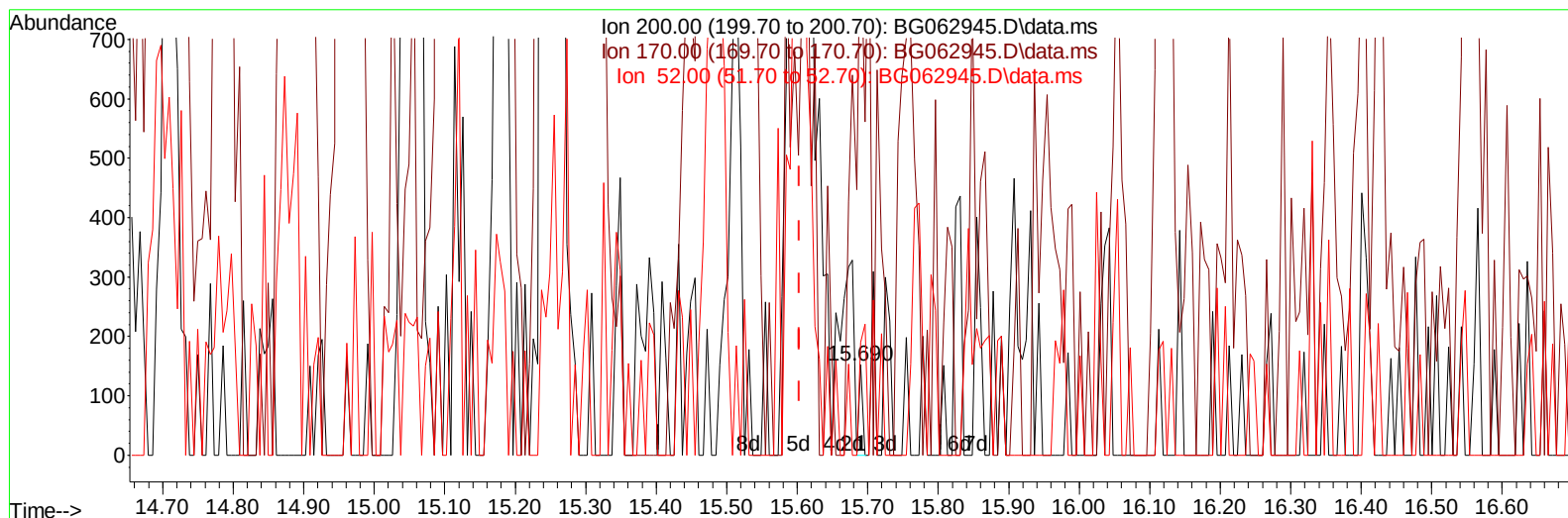
ClientSampleId :

DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:56:39 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: BG062945.D\data.ms

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

15.690min (+ 0.087) 0.03 ng/ul

response 54

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	661.18#
52.00	36.60	125.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062945.D
 Acq On : 19 Sep 2024 16:09
 Operator : JU/RC
 Sample : P3878-13MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

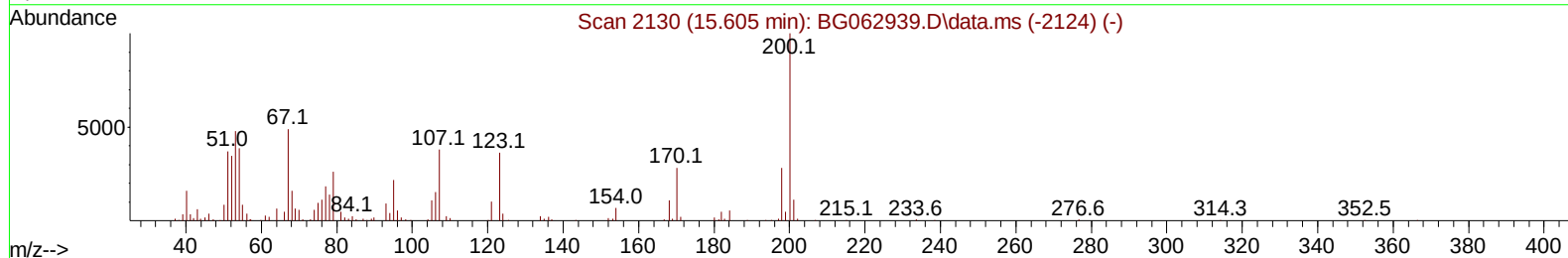
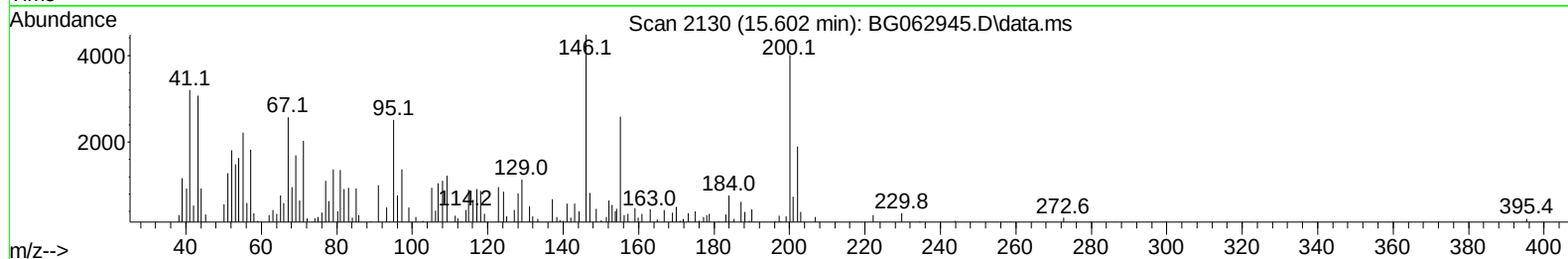
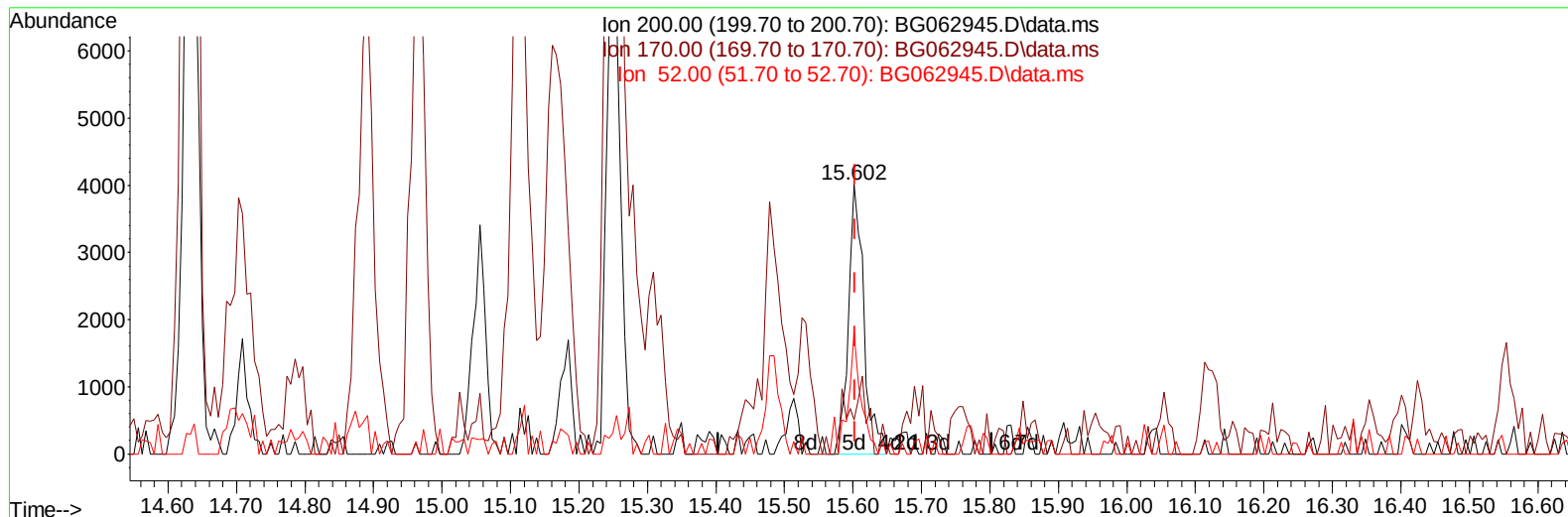
ClientSampleId :

DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:56:39 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: BG062945.D\data.ms

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

15.602min (-0.001) 3.60 ng/ul m

response 6365

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	12.59#
52.00	36.60	44.97#
0.00	0.00	0.00

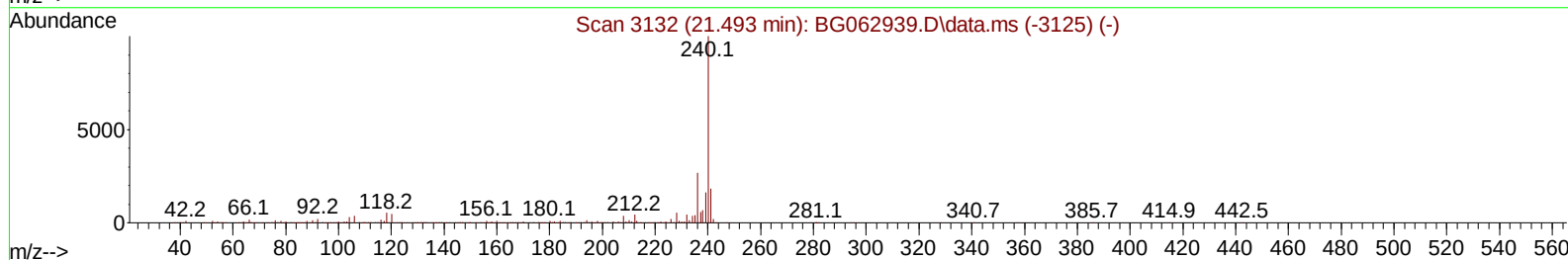
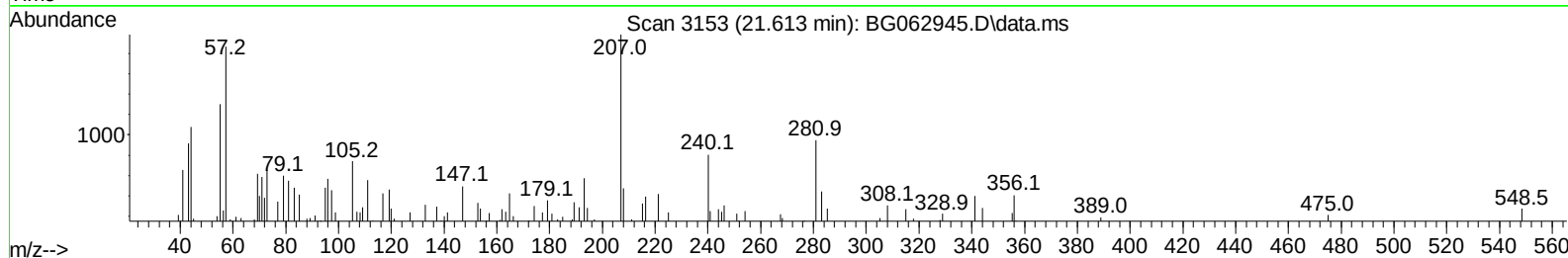
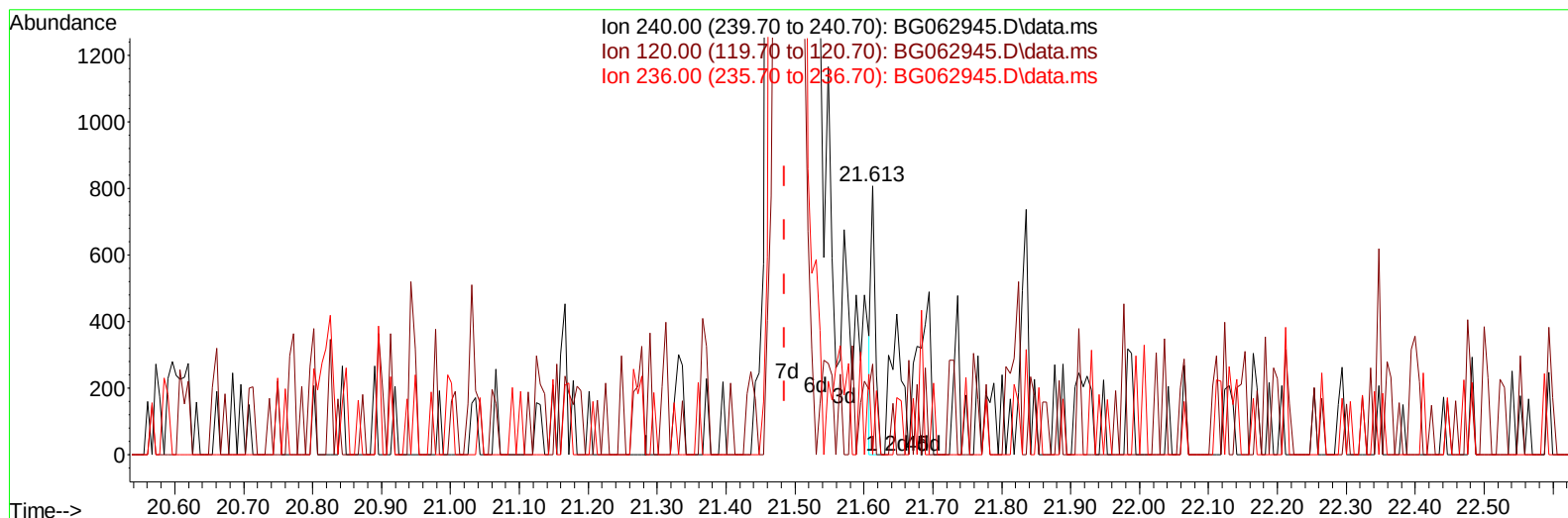
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062945.D
Acq On : 19 Sep 2024 16:09
Operator : JU/RC
Sample : P3878-13MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:56:39 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: BG062945.D\data.ms

(79) Chrysene-d12 (I)

21.613min (+ 0.128) 20.00 ng/ul

response 369

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	33.83#
236.00	26.60	0.00#
0.00	0.00	0.00

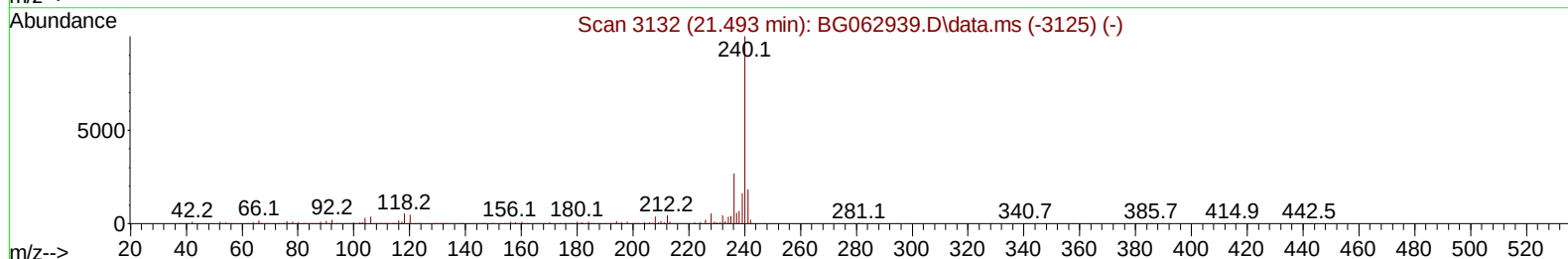
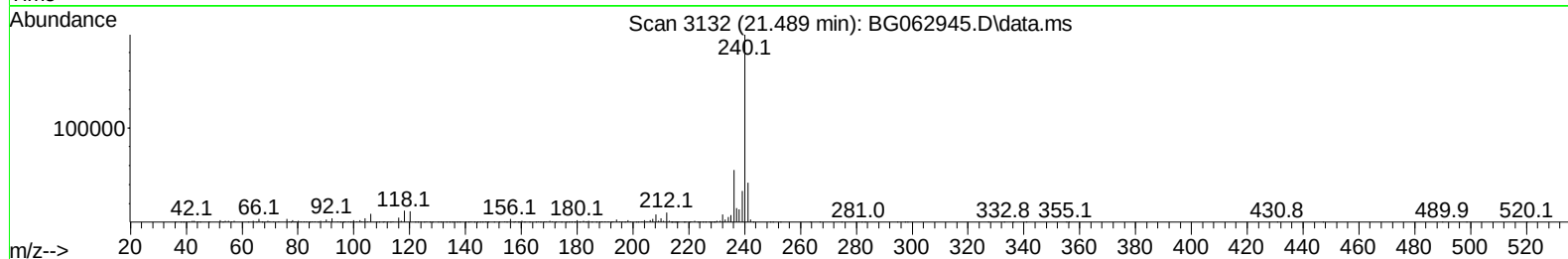
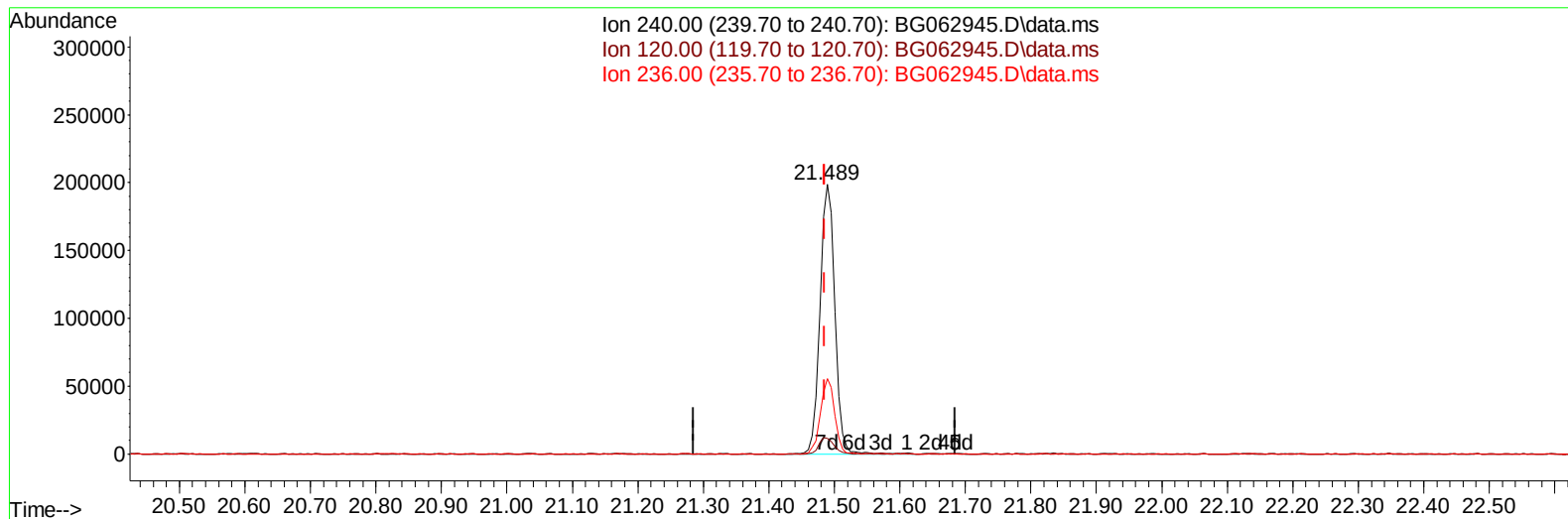
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062945.D
Acq On : 19 Sep 2024 16:09
Operator : JU/RC
Sample : P3878-13MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:56:39 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: BG062945.D\data.ms

(79) Chrysene-d12 (I)

21.489min (+ 0.004) 20.00 ng/ul m

response 314433

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	5.83#
236.00	26.60	27.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062945.D
Acq On : 19 Sep 2024 16:09
Operator : JU/RC
Sample : P3878-13MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

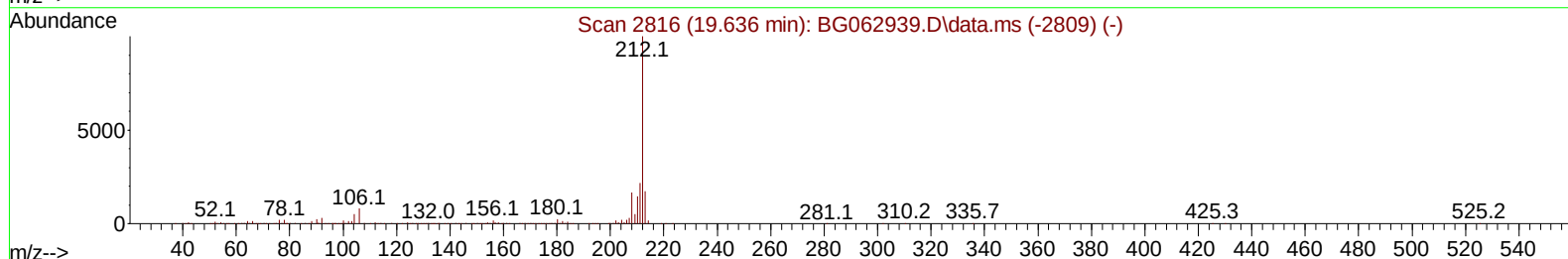
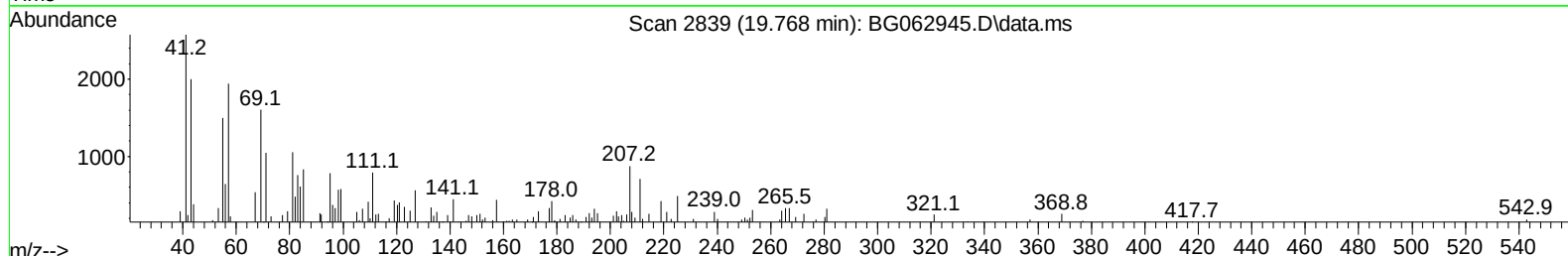
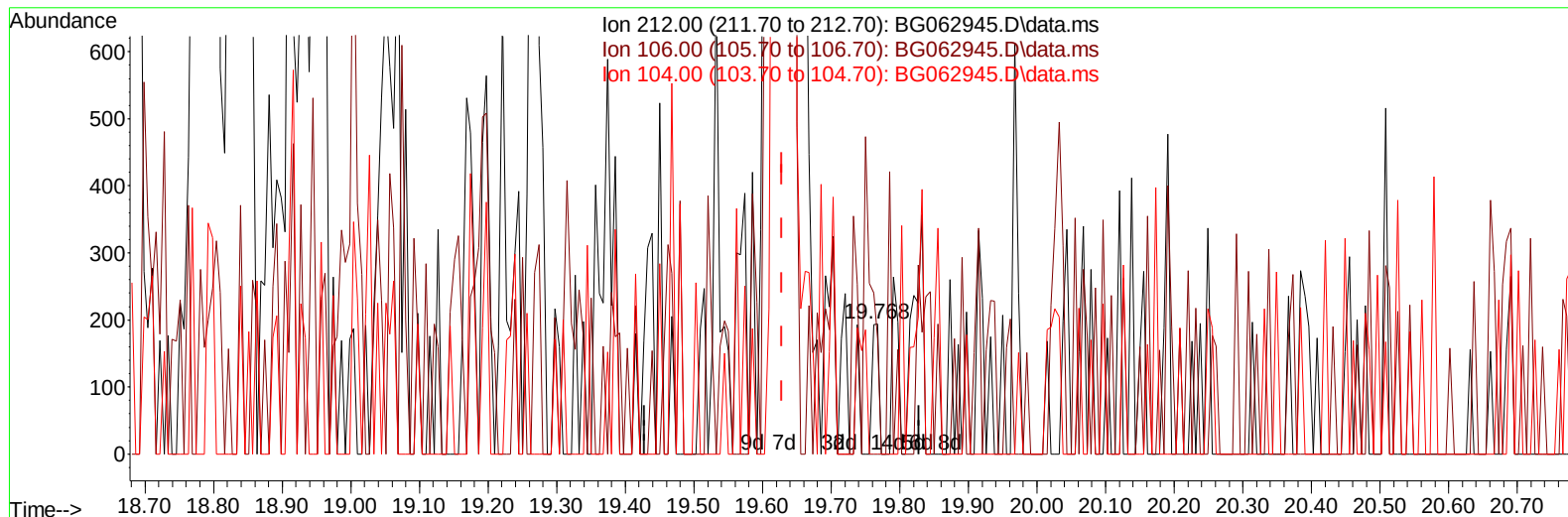
ClientSampleId :

DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:58:01 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: BG062945.D\data.ms

(81) Pyrene-d10 (S)

19.768min (+ 0.140) 0.01 ng/ul

response 136

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.50	88.66#
104.00	7.40	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062945.D
Acq On : 19 Sep 2024 16:09
Operator : JU/RC
Sample : P3878-13MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

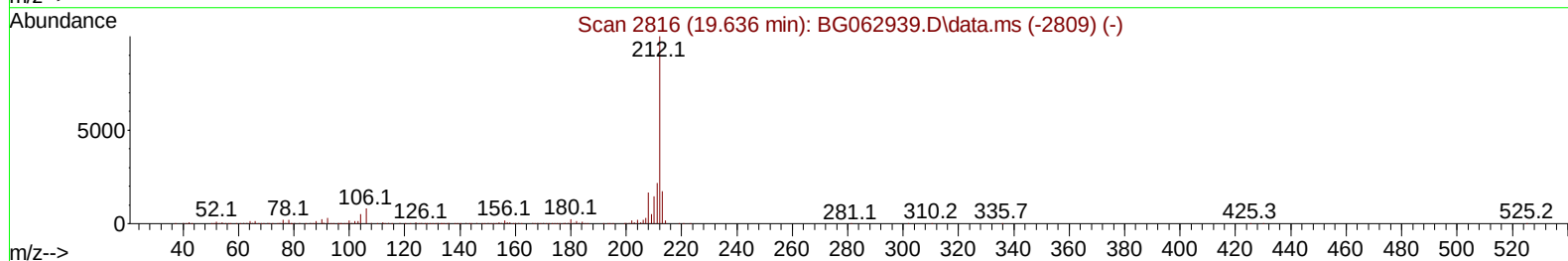
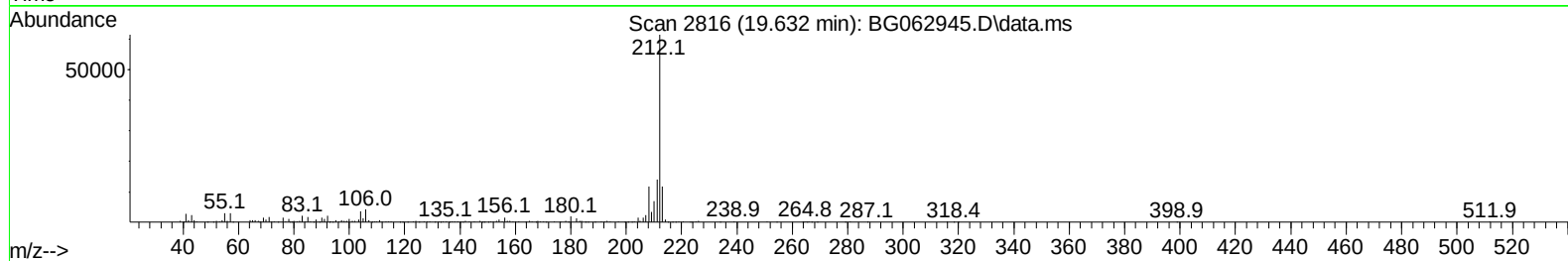
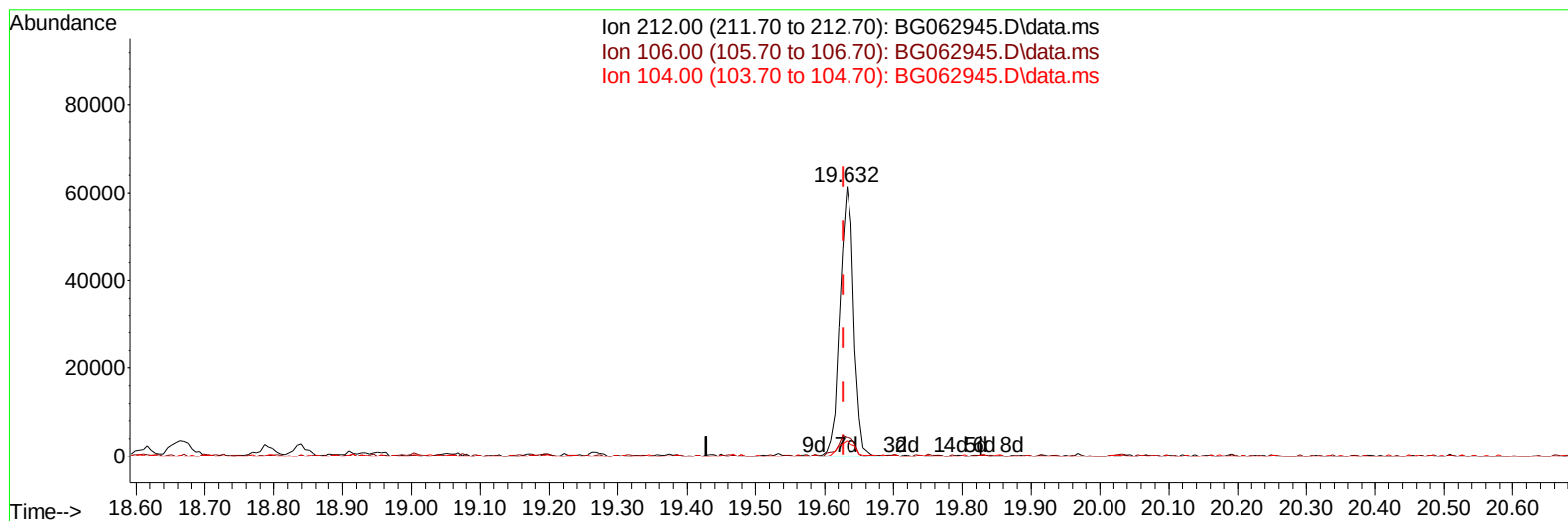
ClientSampleId :

DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:58:01 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: BG062945.D\data.ms

(81) Pyrene-d10 (S)**19.632min (+ 0.004) 4.48 ng/ul m****response 85291**

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.50	6.97#
104.00	7.40	5.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062945.D
 Acq On : 19 Sep 2024 16:09
 Operator : JU/RC
 Sample : P3878-13MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

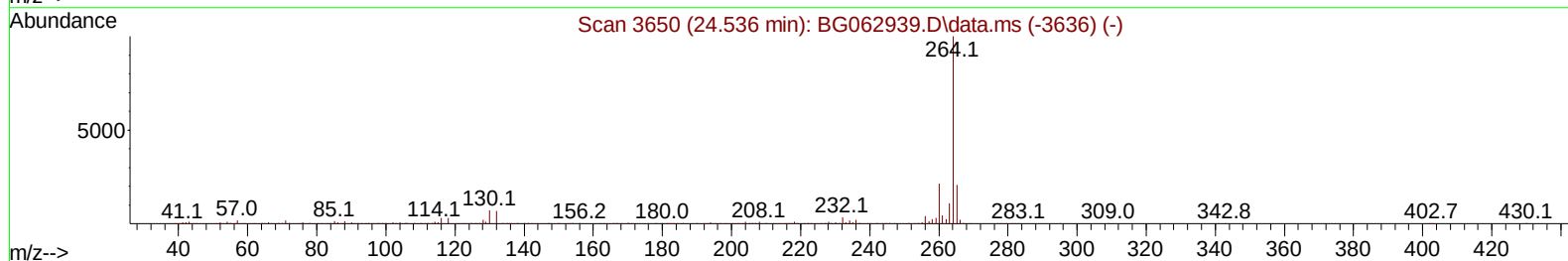
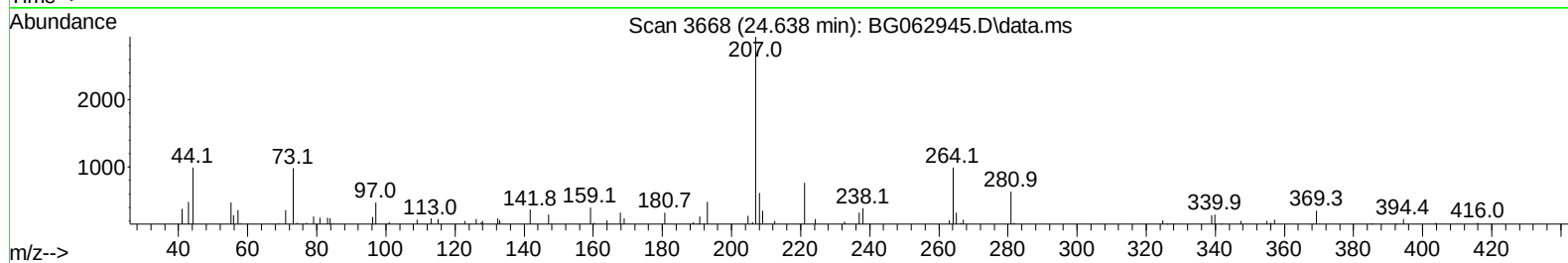
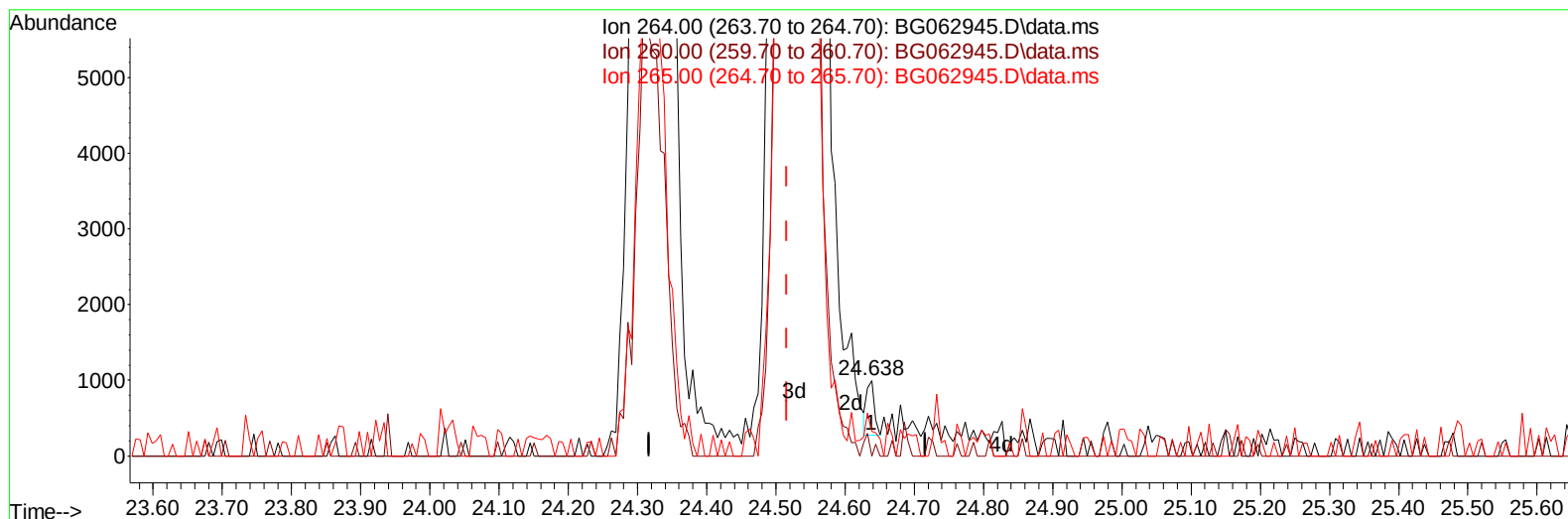
ClientSampleId :

DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:58:01 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: BG062945.D\data.ms

(88) Perylene-d12 (I)

24.638min (+ 0.122) 20.00 ng/ul

response 541

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.50	0.00#
265.00	20.10	32.73#
0.00	0.00	0.00

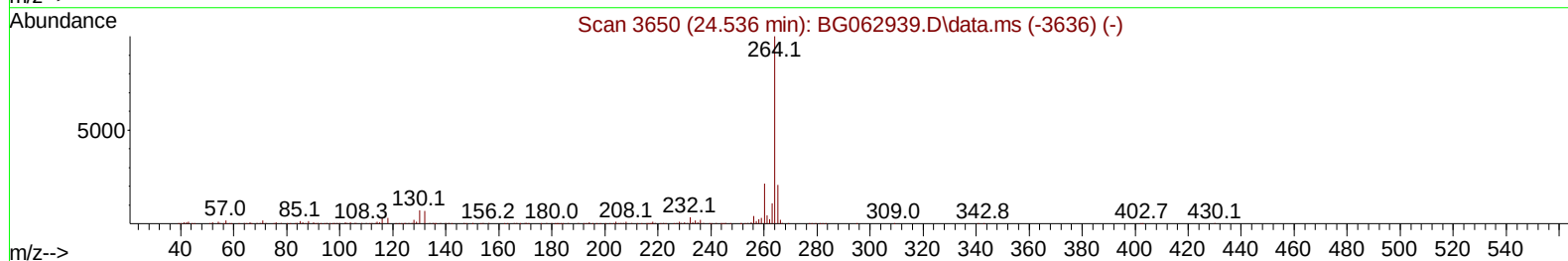
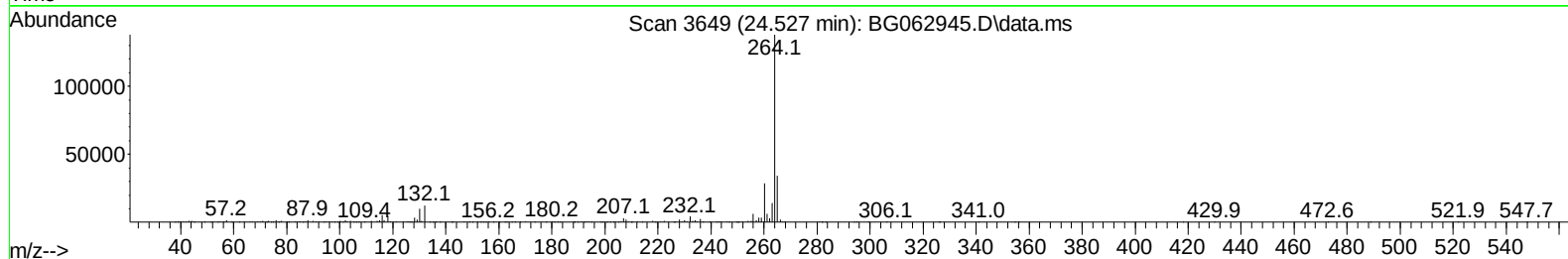
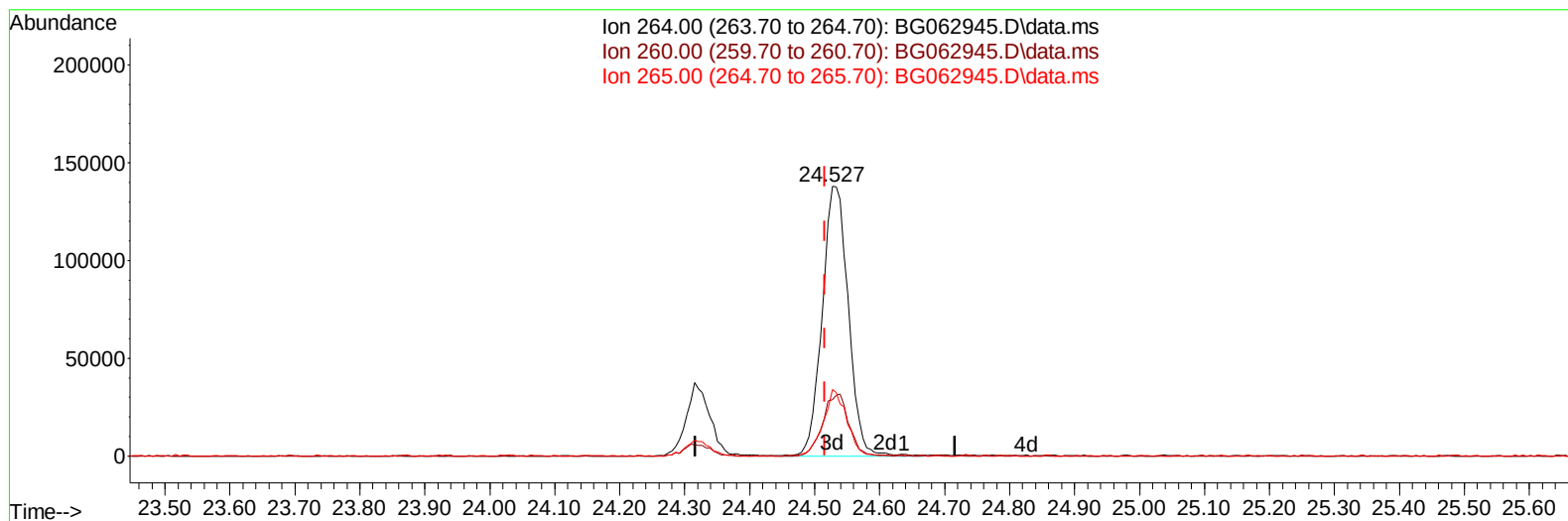
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062945.D
 Acq On : 19 Sep 2024 16:09
 Operator : JU/RC
 Sample : P3878-13MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:58:01 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: BG062945.D\data.ms

(88) Perylene-d12 (I)

24.527min (+ 0.010) 20.00 ng/ul m

response 378711

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.50	20.93
265.00	20.10	24.75#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062945.D
 Acq On : 19 Sep 2024 16:09
 Operator : JU/RC
 Sample : P3878-13MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

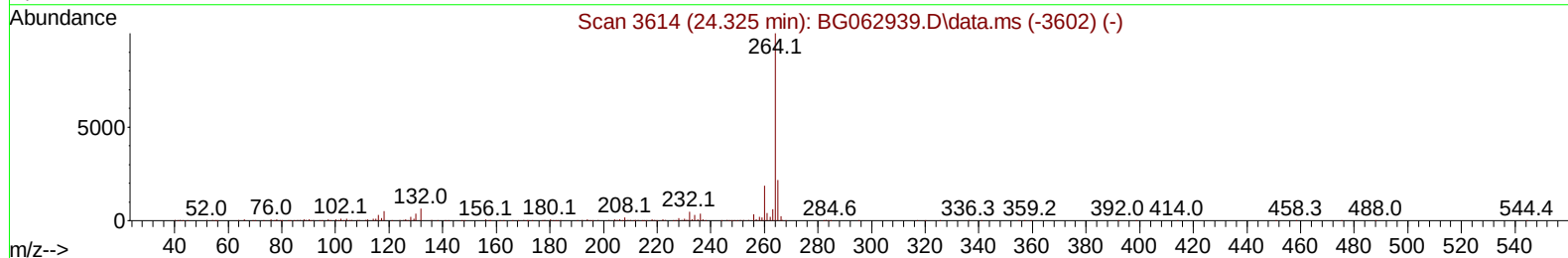
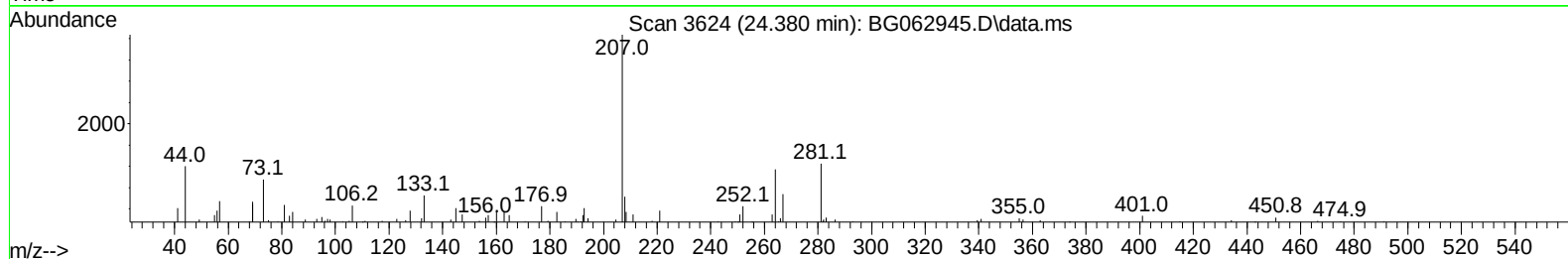
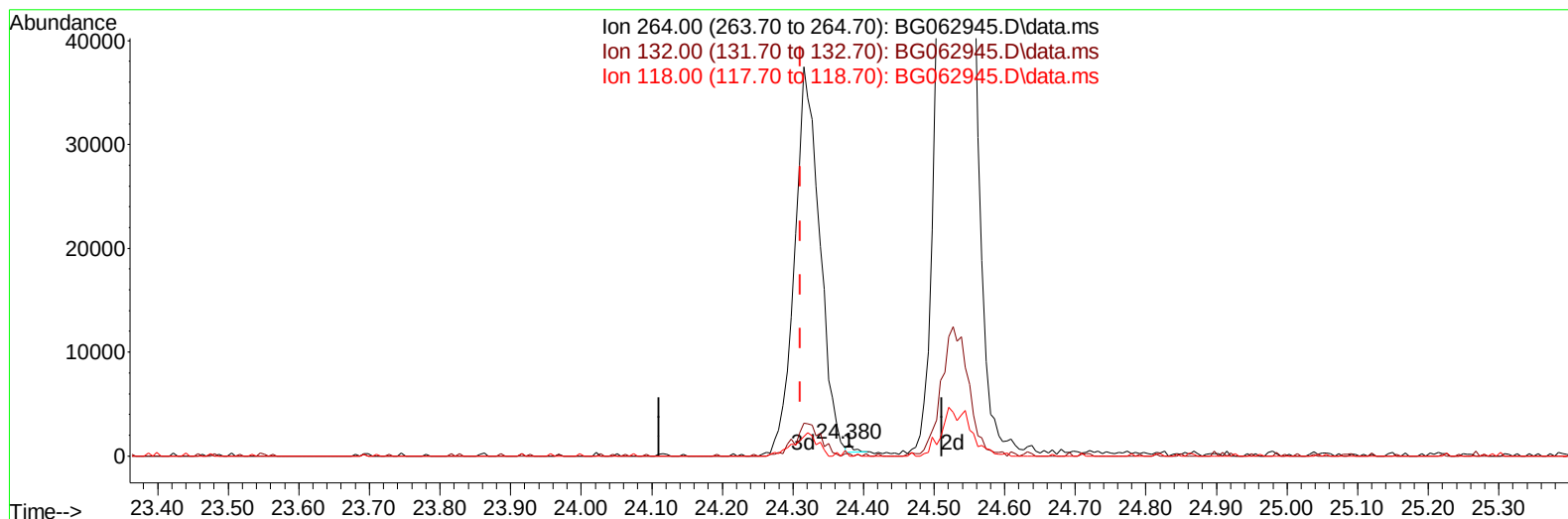
ClientSampleId :

DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:59:25 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: BG062945.D\data.ms

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

24.380min (+ 0.069) 0.02 ng/u1

response 444

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	10.80	19.49#
118.00	6.70	0.00#
0.00	0.00	0.00

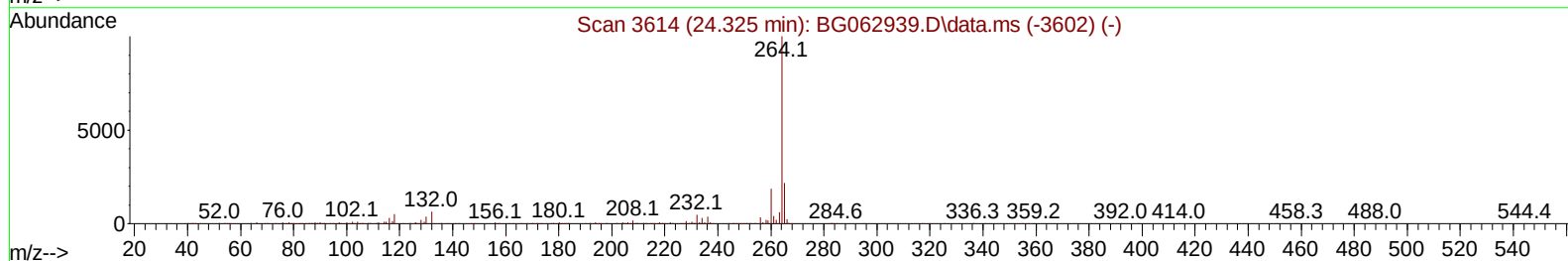
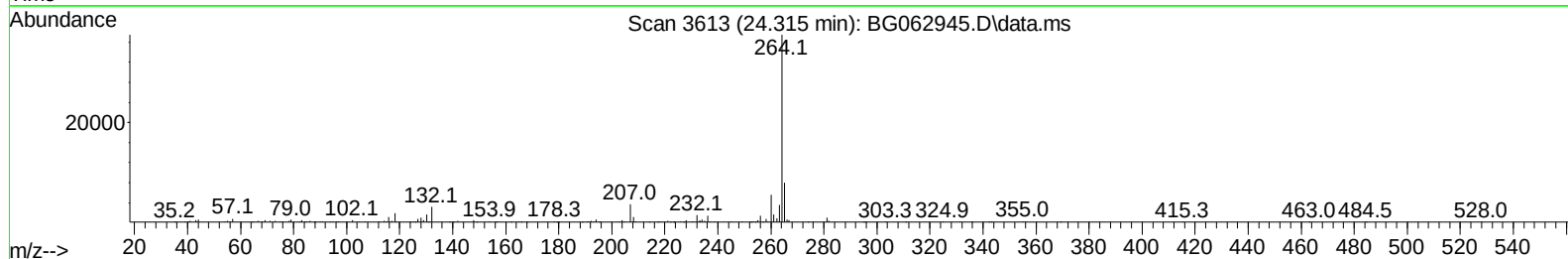
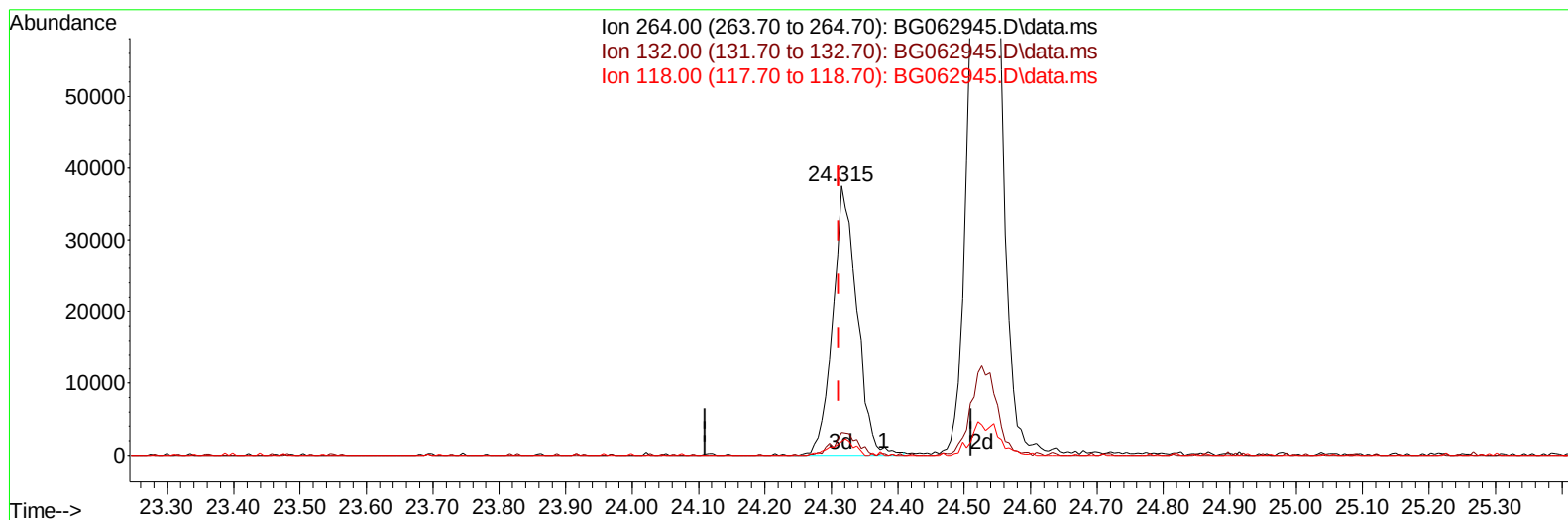
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062945.D
Acq On : 19 Sep 2024 16:09
Operator : JU/RC
Sample : P3878-13MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ1MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 19 16:59:25 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: BG062945.D\data.ms

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

24.315min (+ 0.004) 4.74 ng/u1 m

response 94712

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	10.80	8.47#
118.00	6.70	5.02#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
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Manual IntegrationsAPPROVED

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

Quant Time: Sep 19 16:59:55 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	7.858	152	40854	20.000	ng/ul	0.00
20) Naphthalene-d8	10.649	136	158194	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.491	164	132478	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.241	188	292121m	20.000	ng/ul	0.00
79) Chrysene-d12	21.489	240	314433m	20.000	ng/ul	0.00
88) Perylene-d12	24.527	264	378711m	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	844	0.605	ng/uL	0.00
4) Pyridine-d5	3.745	84	11459	3.026	ng/ul	0.01
7) Phenol-d5	7.030	99	16997	4.009	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.188	67	9575	4.036	ng/ul	0.00
11) 2-Chlorophenol-d4	7.394	132	10996	3.951	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	12849	4.137	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	5500	4.364	ng/ul	0.00
24) 2-Nitrophenol-d4	9.726	143	6358	4.447	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.267	165	12018	4.051	ng/ul	0.00
31) 4-Chloroaniline-d4	10.778	131	17105	4.633	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	42907	4.355	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	48307	4.390	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	5056m	3.203	ng/ul	0.00
60) Fluorene-d10	15.484	176	44425	4.843	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	6365m	3.604	ng/ul	0.00
73) Anthracene-d10	17.341	188	66151	4.791	ng/ul	0.00
81) Pyrene-d10	19.632	212	85291m	4.479	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.315	264	94712m	4.742	ng/ul	0.00
Target Compounds						
						Qvalue
30) Naphthalene	10.696	128	18603	2.118	ng/ul	98
36) 2-Methylnaphthalene	12.300	142	24446	3.862	ng/ul	92
37) 1-Methylnaphthalene	12.523	142	13840	2.161	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.120	232	70633	25.537	ng/ul	98
71) Pentachlorophenol	16.906	266	841878	393.733	ng/ul	92

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

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