

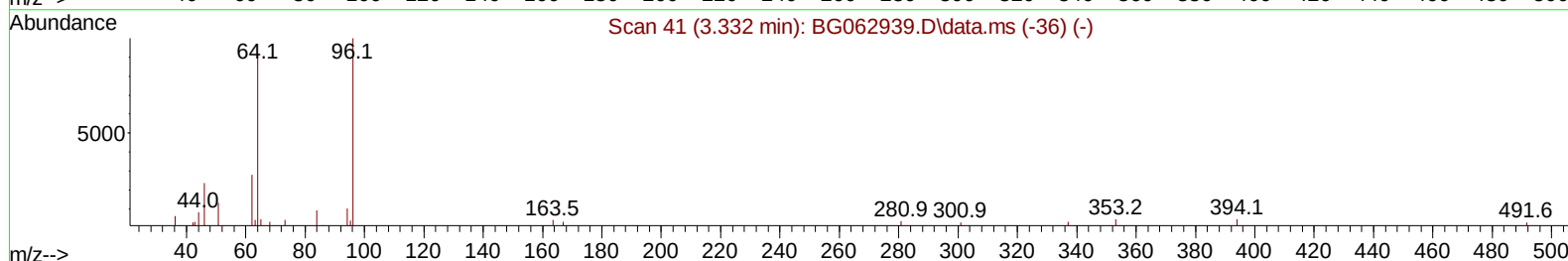
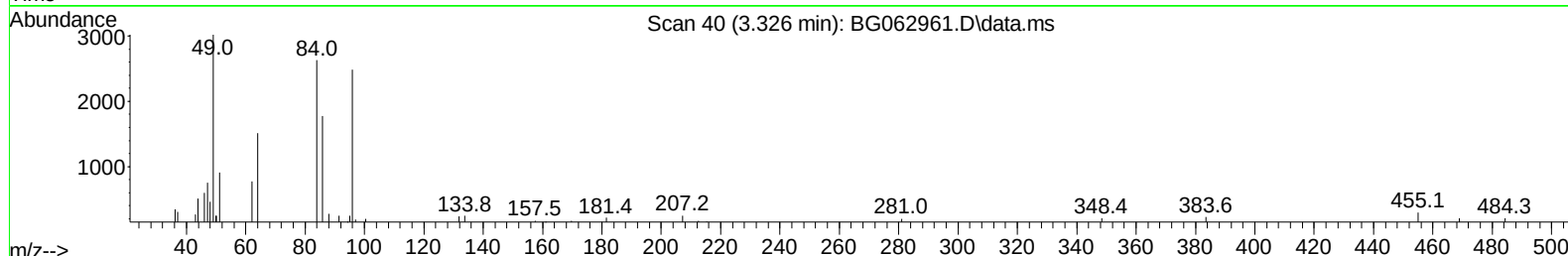
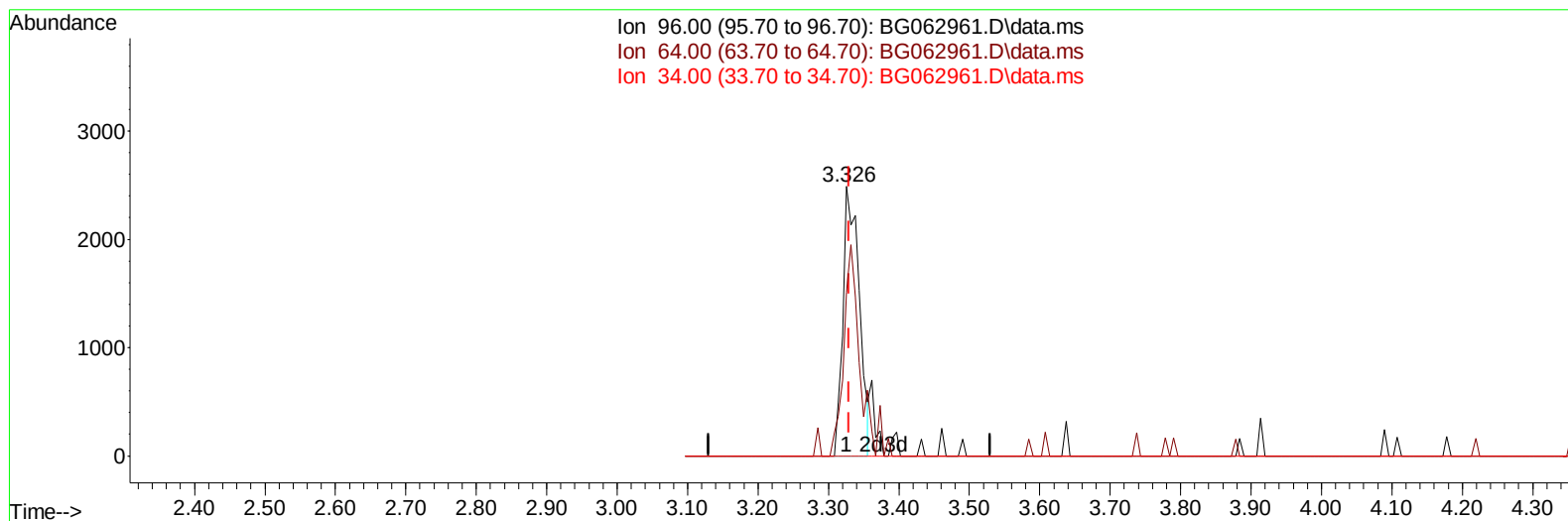
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062961.D
Acq On : 20 Sep 2024 3:23
Operator : JU/RC
Sample : P3994-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B45

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 04:04:50 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



TIC: BG062961.D\data.ms

(3) 1,4-Dioxane-d8 (S)**3.326min (-0.004) 2.56 ng/uL****response 3952**

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	60.65
34.00	0.00	0.00
0.00	0.00	0.00

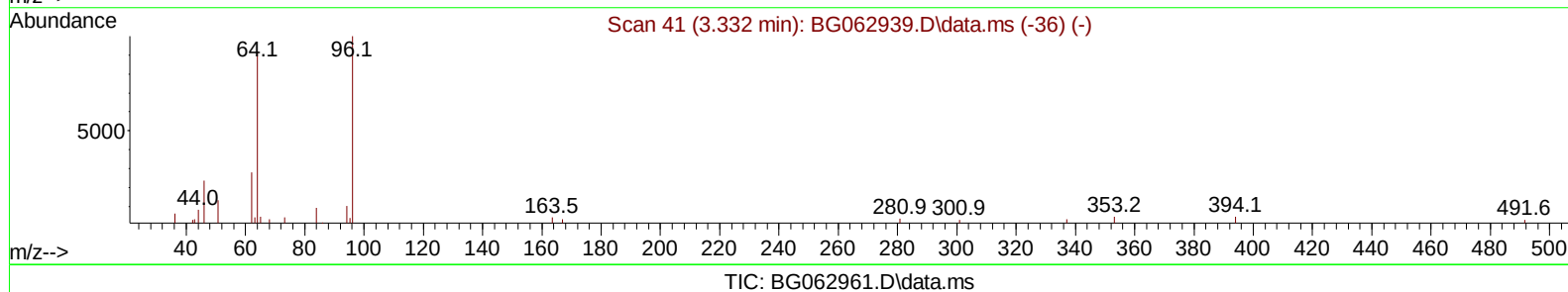
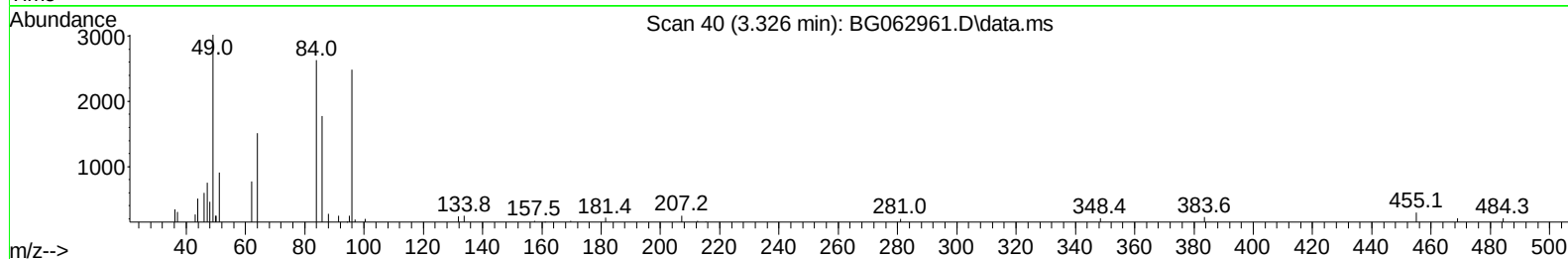
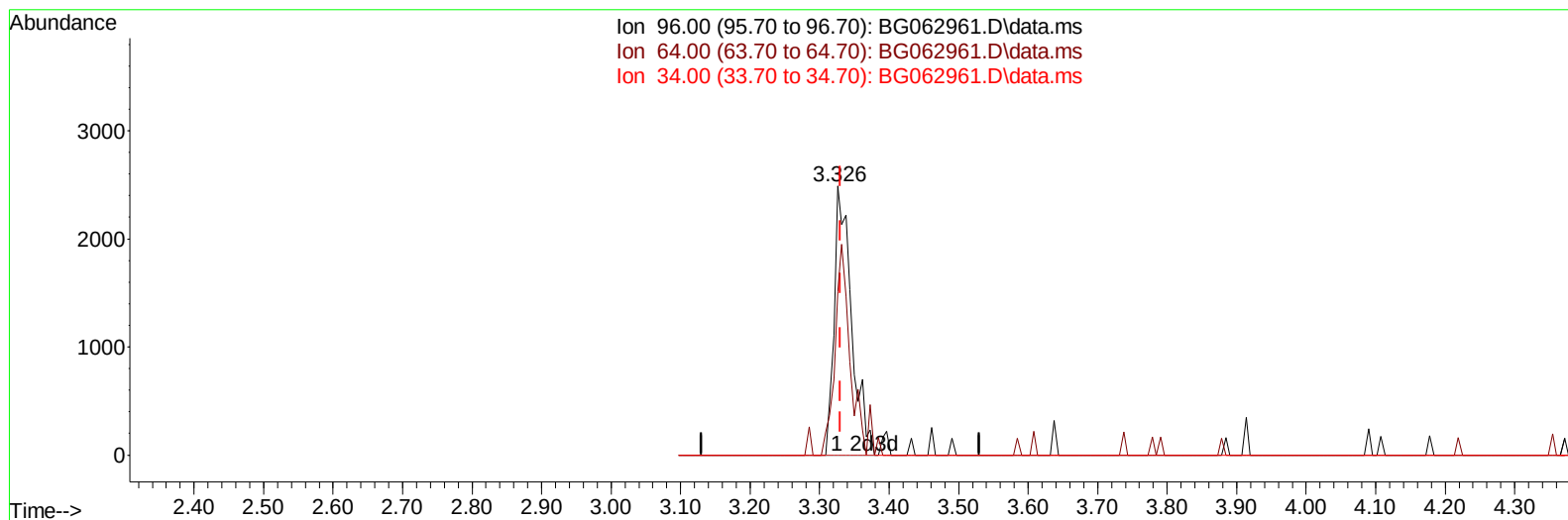
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062961.D
Acq On : 20 Sep 2024 3:23
Operator : JU/RC
Sample : P3994-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B45

Manual IntegrationsAPPROVED

Quant Time: Sep 20 04:04:50 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 :Yogesh Patel 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



(3) 1,4-Dioxane-d8 (S)

3.326min (-0.004) 2.81 ng/uL m

response 4340

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	60.65
34.00	0.00	0.00
0.00	0.00	0.00

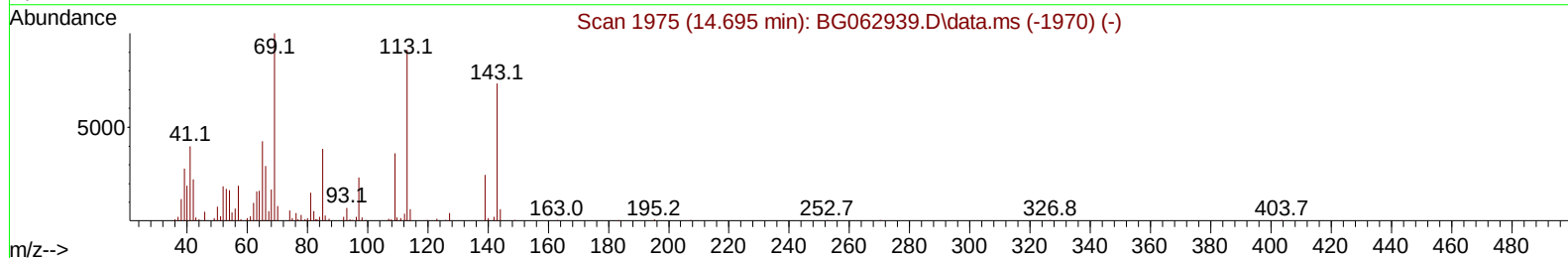
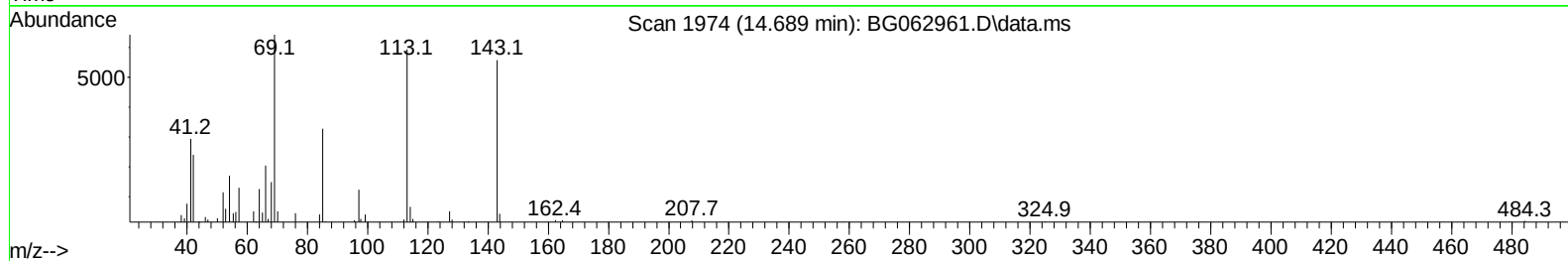
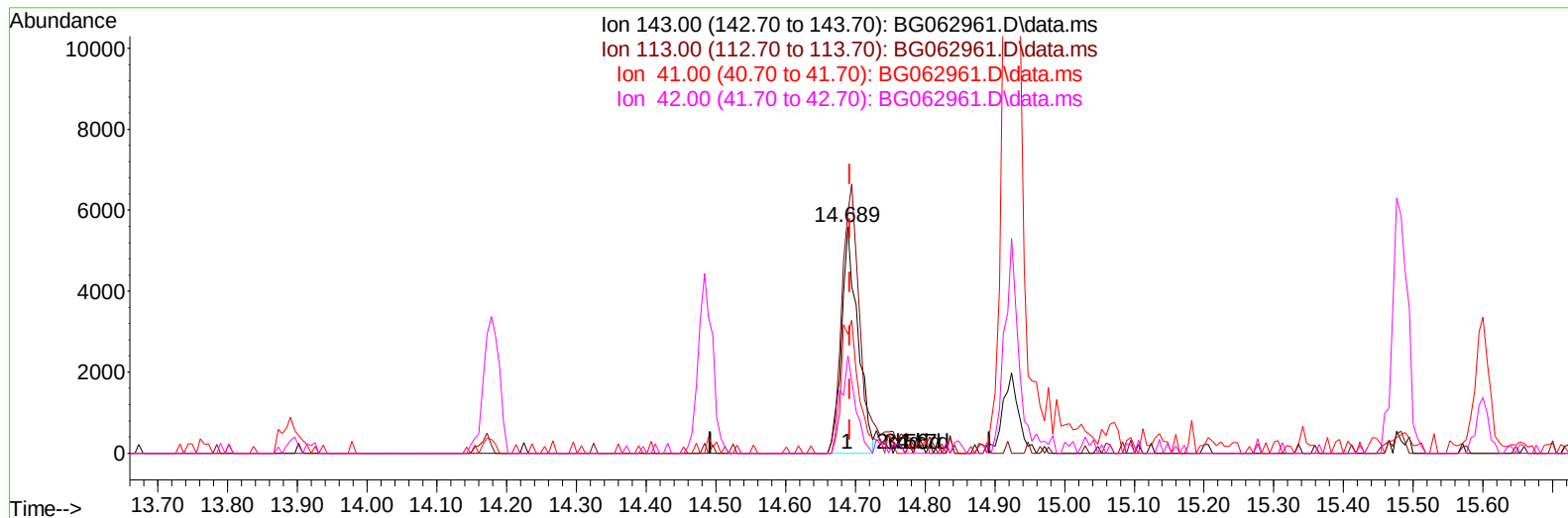
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062961.D
Acq On : 20 Sep 2024 3:23
Operator : JU/RC
Sample : P3994-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062961.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.689min (-0.004) 5.32 ng/u1

response 9024

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	106.41
41.00	49.70	52.66
42.00	34.20	42.94#

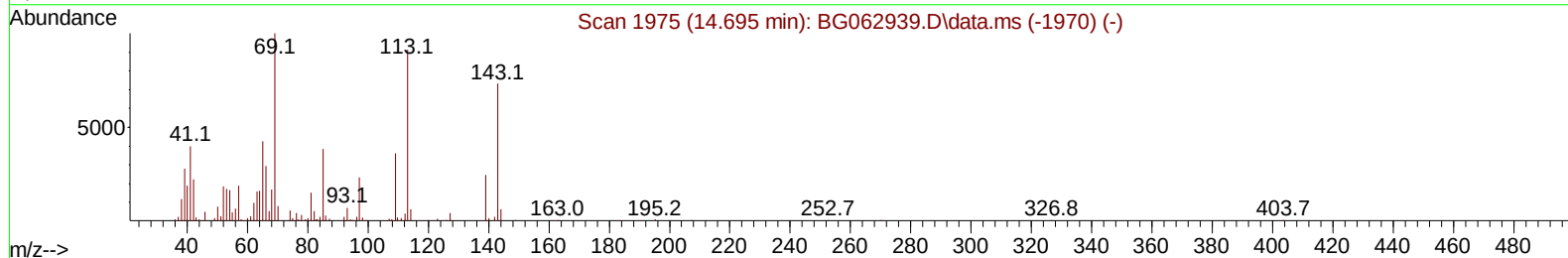
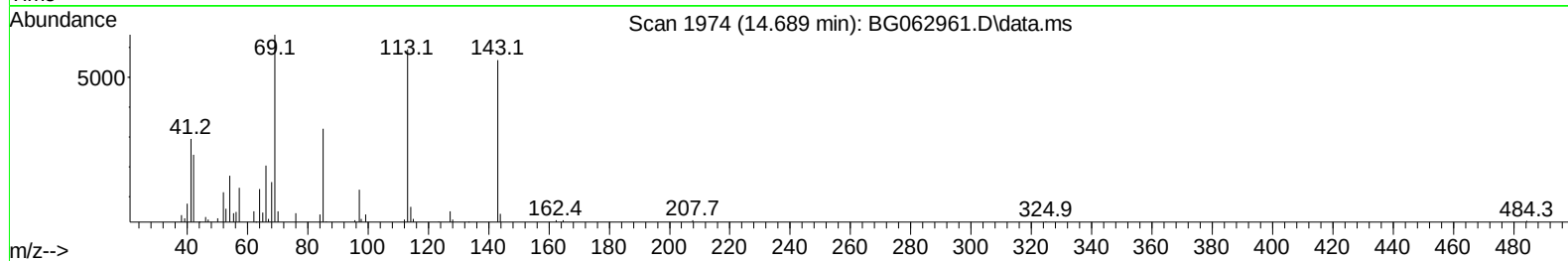
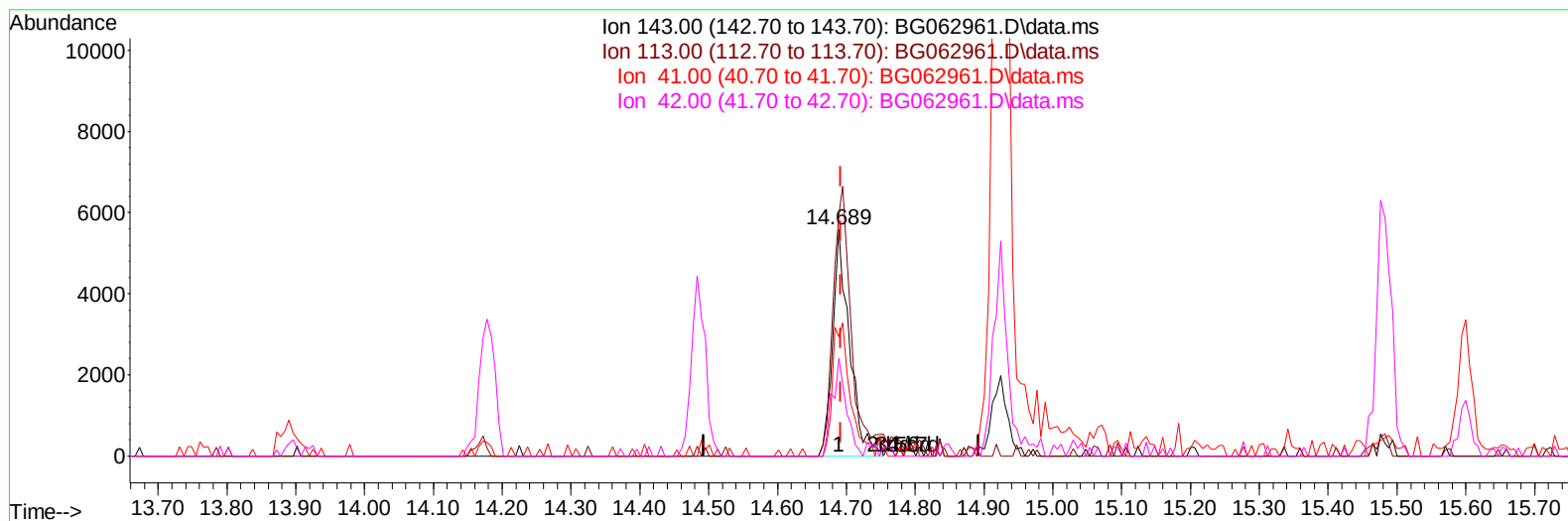
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062961.D
Acq On : 20 Sep 2024 3:23
Operator : JU/RC
Sample : P3994-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B45

Manual IntegrationsAPPROVED

Quant Time: Sep 20 04:04:50 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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Reviewed By :Yogesh Patel 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062961.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.689min (-0.004) 5.64 ng/ul m

response 9558

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	106.41
41.00	49.70	52.66
42.00	34.20	42.94#

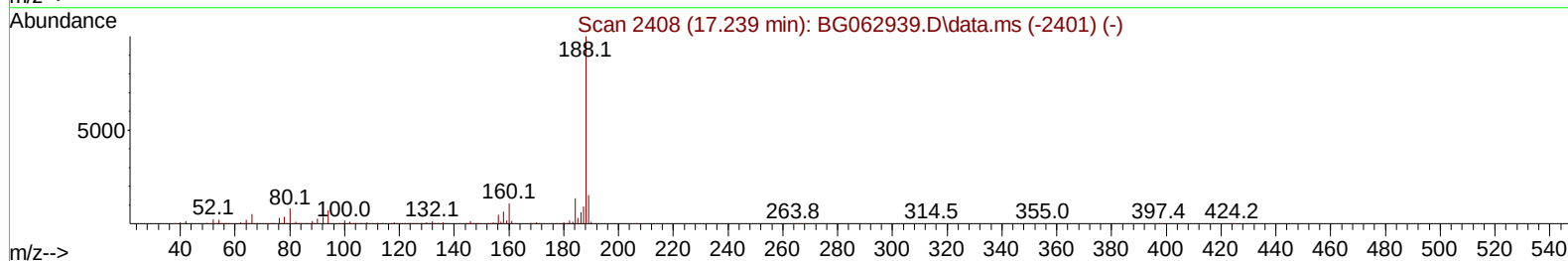
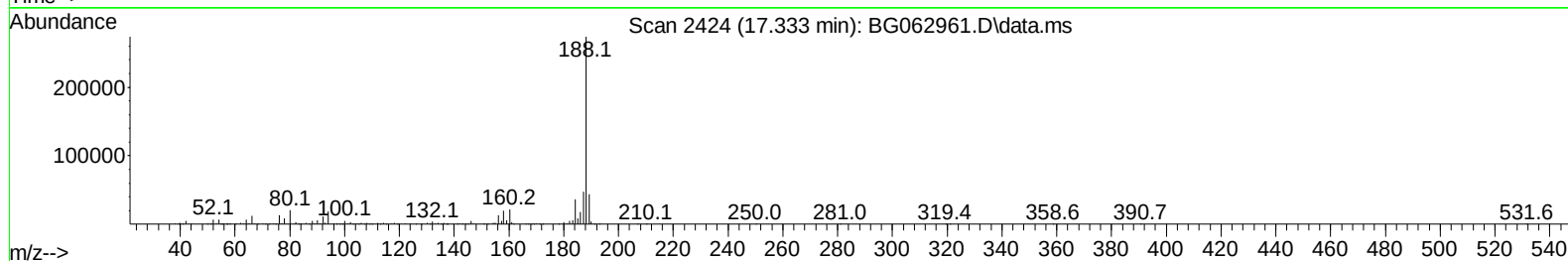
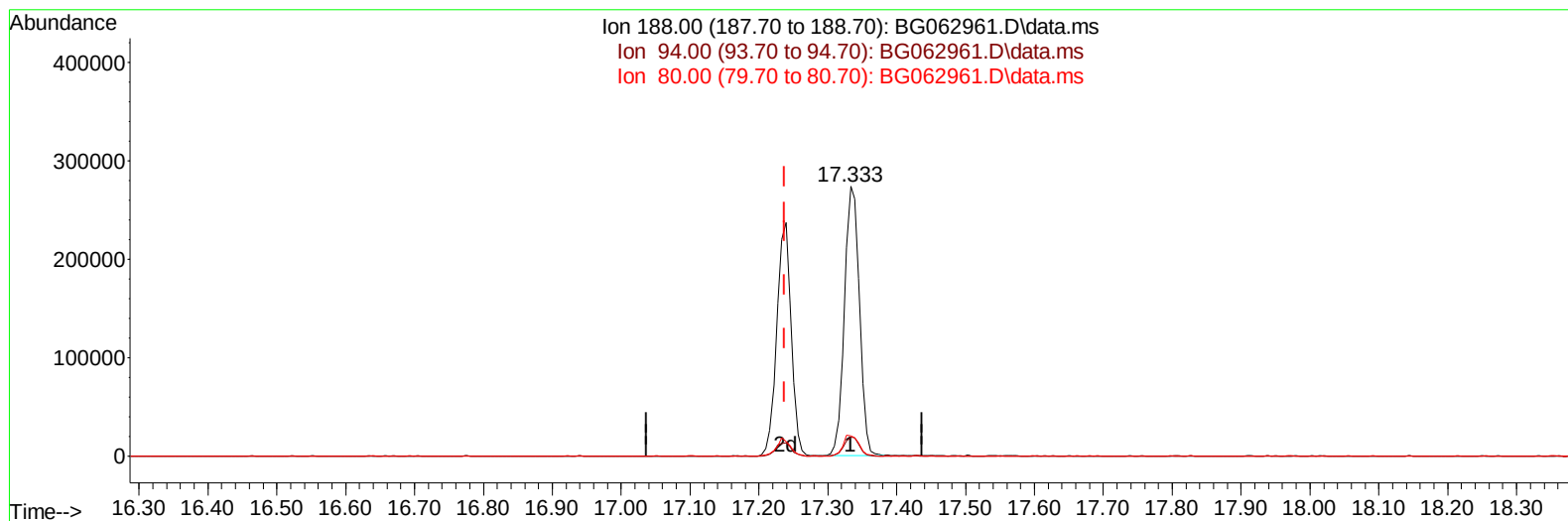
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062961.D
Acq On : 20 Sep 2024 3:23
Operator : JU/RC
Sample : P3994-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B45

Manual IntegrationsAPPROVED

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TIC: BG062961.D\data.ms

(64) Phenanthrene-d10 (I)

17.333min (+ 0.096) 20.00 ng/ul

response 416693

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	6.87
80.00	8.70	7.39
0.00	0.00	0.00

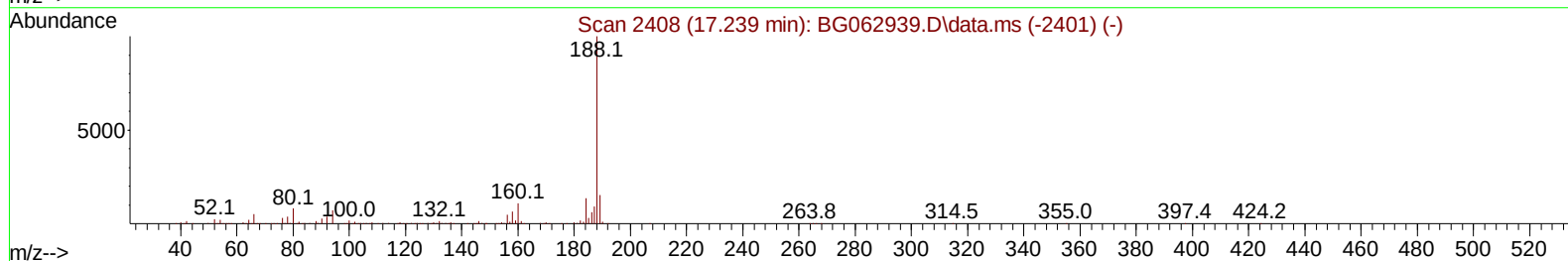
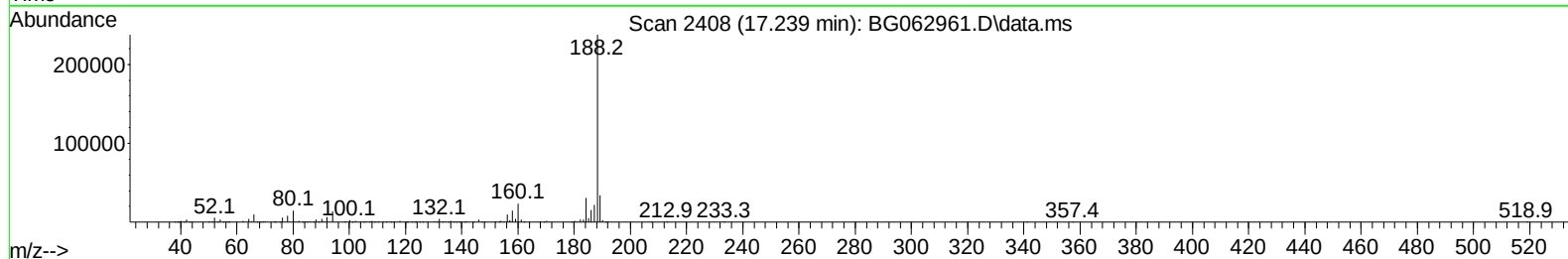
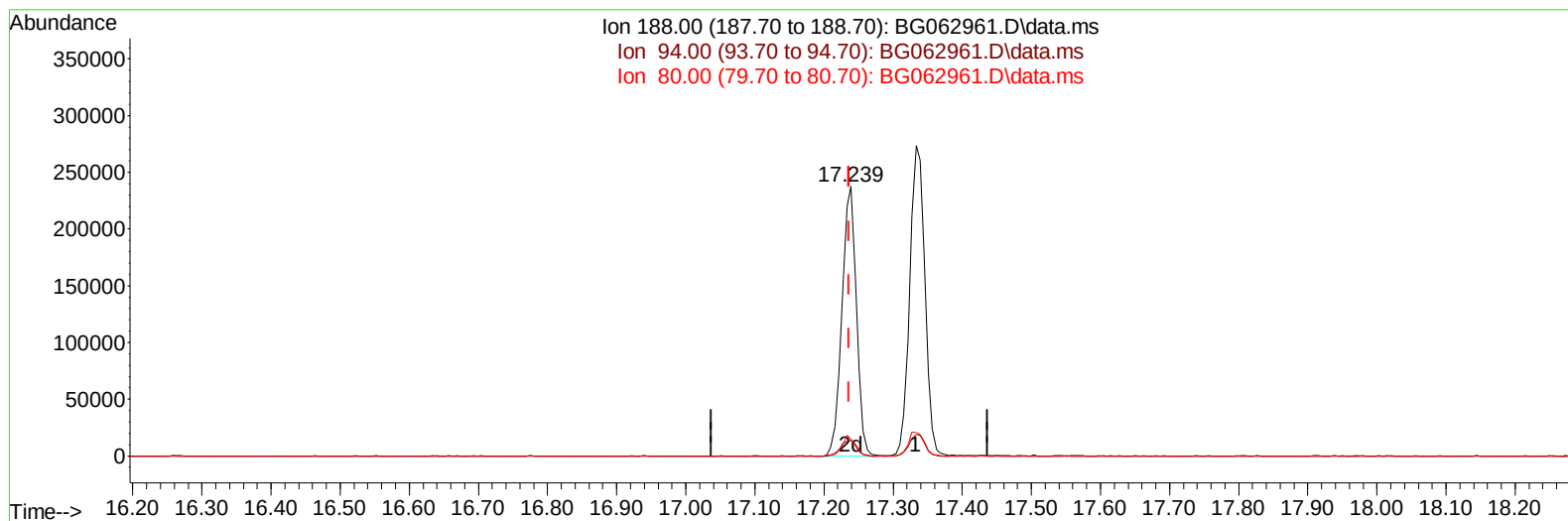
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062961.D
Acq On : 20 Sep 2024 3:23
Operator : JU/RC
Sample : P3994-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B45

Manual IntegrationsAPPROVED

Quant Time: Sep 20 04:04:50 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 :Yogesh Patel 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062961.D\data.ms

(64) Phenanthrene-d10 (I)

17.239min (+ 0.002) 20.00 ng/ul m

response 345754

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	5.72#
80.00	8.70	6.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062961.D
 Acq On : 20 Sep 2024 3:23
 Operator : JU/RC
 Sample : P3994-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_G

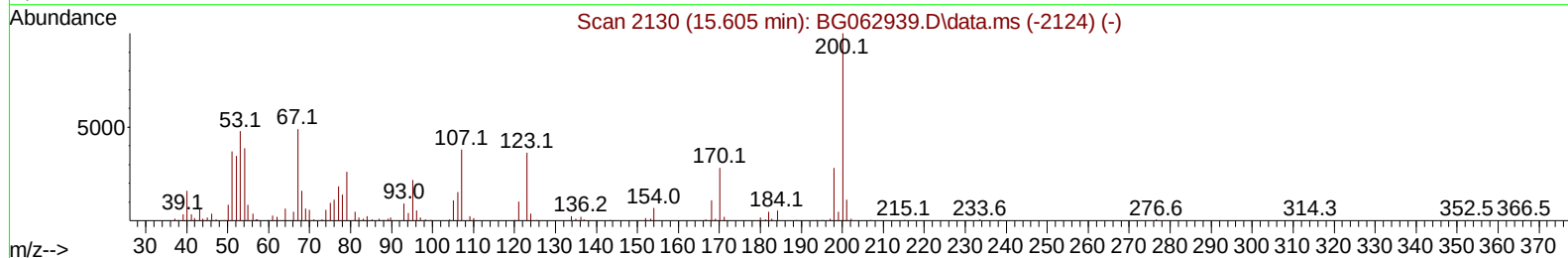
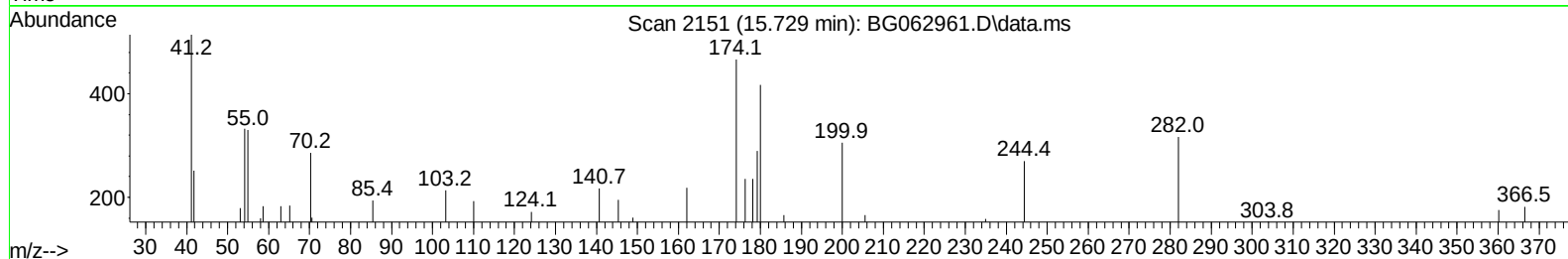
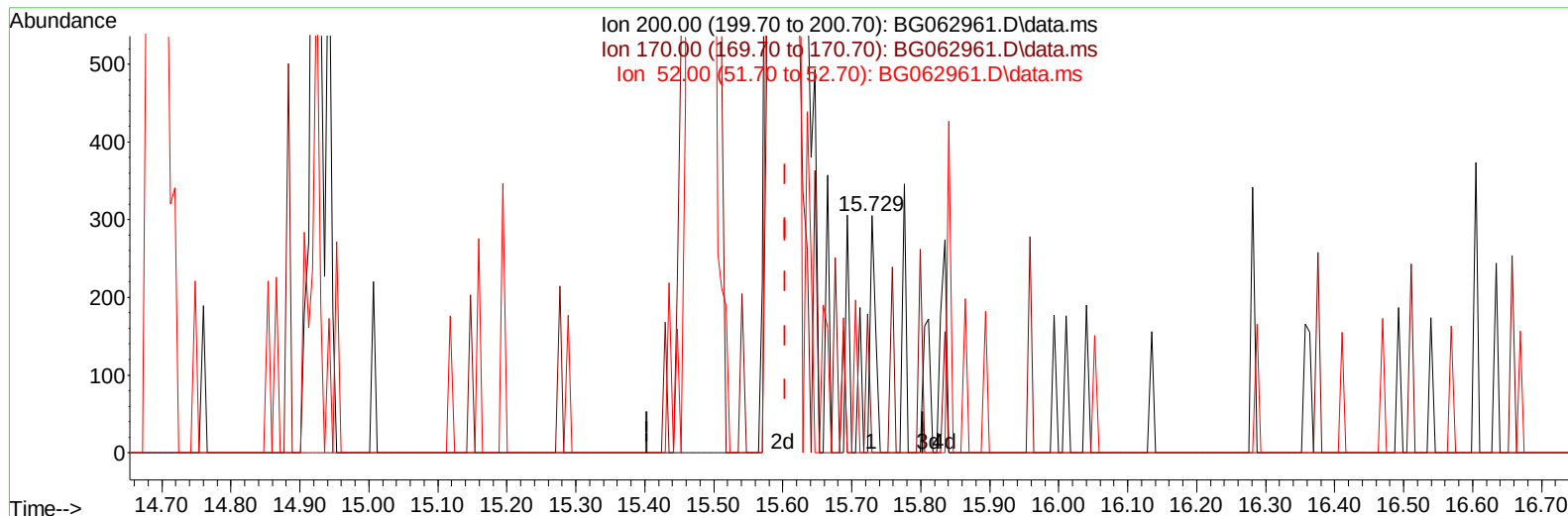
ClientSampleId :

C0B45

Manual IntegrationsAPPROVED

Quant Time: Sep 20 04:06:07 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 :Yogesh Patel 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



TIC: BG062961.D\data.ms

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

15.729min (+ 0.126) 0.08 ng/ul

response 162

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

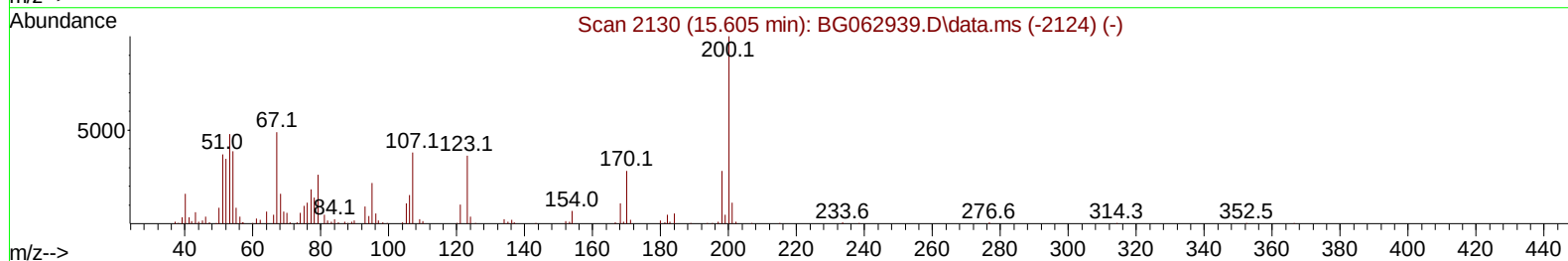
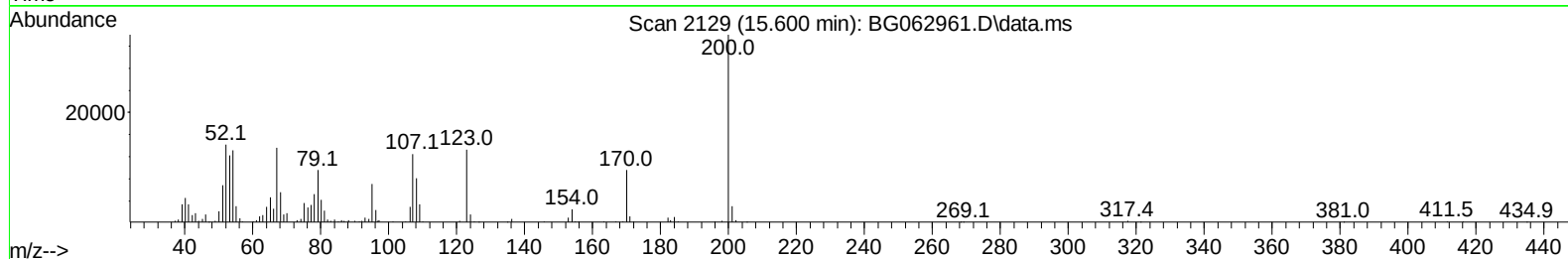
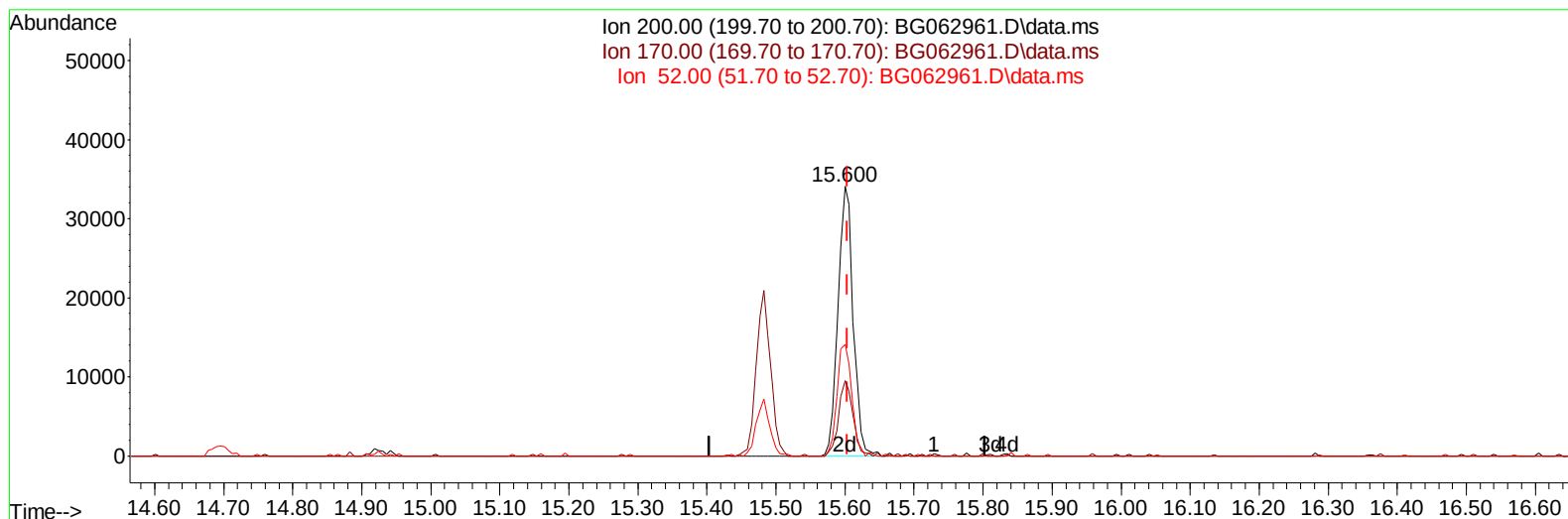
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062961.D
Acq On : 20 Sep 2024 3:23
Operator : JU/RC
Sample : P3994-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B45

Manual IntegrationsAPPROVED

Quant Time: Sep 20 04:06:07 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 :Yogesh Patel 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062961.D\data.ms

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

15.600min (-0.004) 24.87 ng/ul m

response 51979

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	28.01#
52.00	36.60	41.51
0.00	0.00	0.00

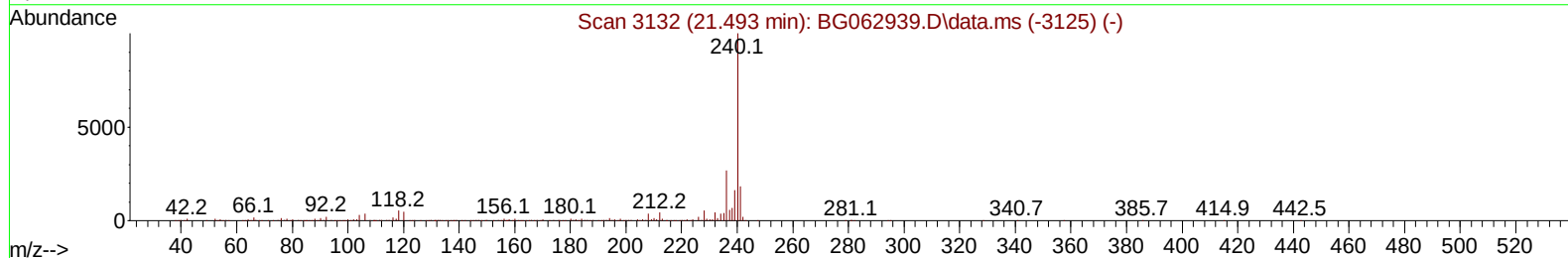
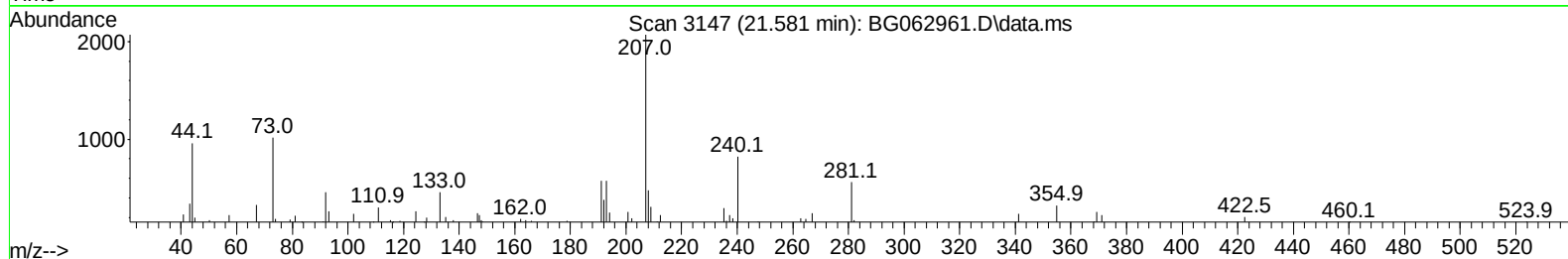
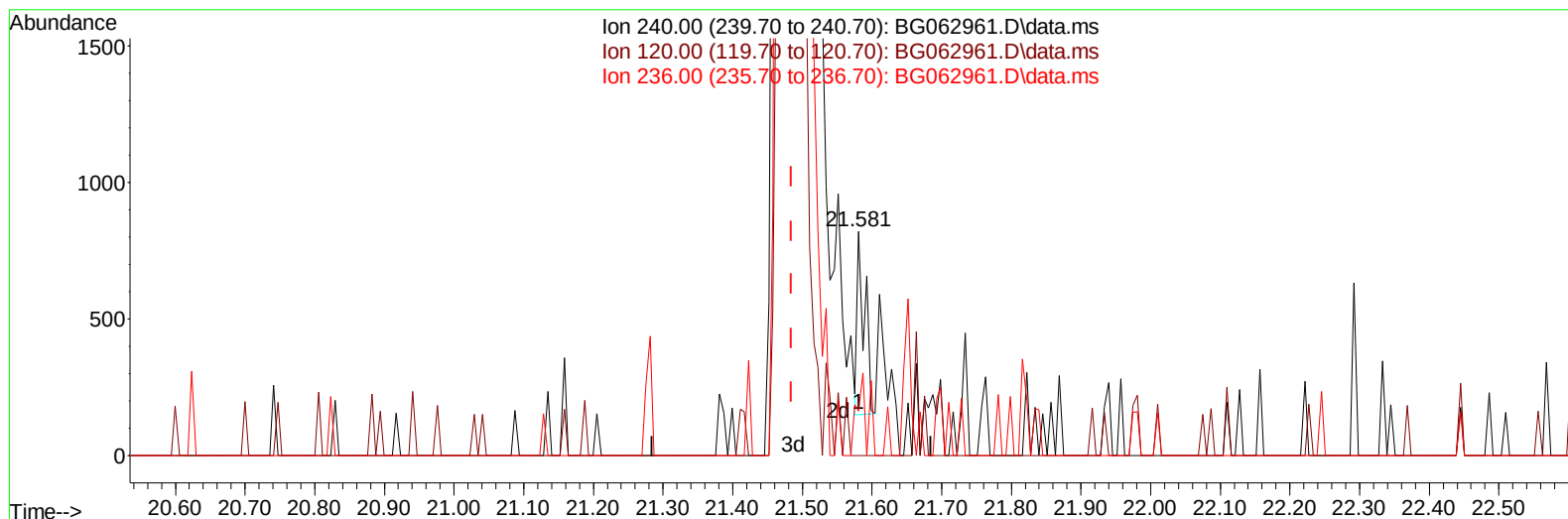
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC: BG062961.D\data.ms

(79) Chrysene-d12 (I)

21.581min (+ 0.096) 20.00 ng/ul

response 502

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	0.00#
236.00	26.60	19.98#
0.00	0.00	0.00

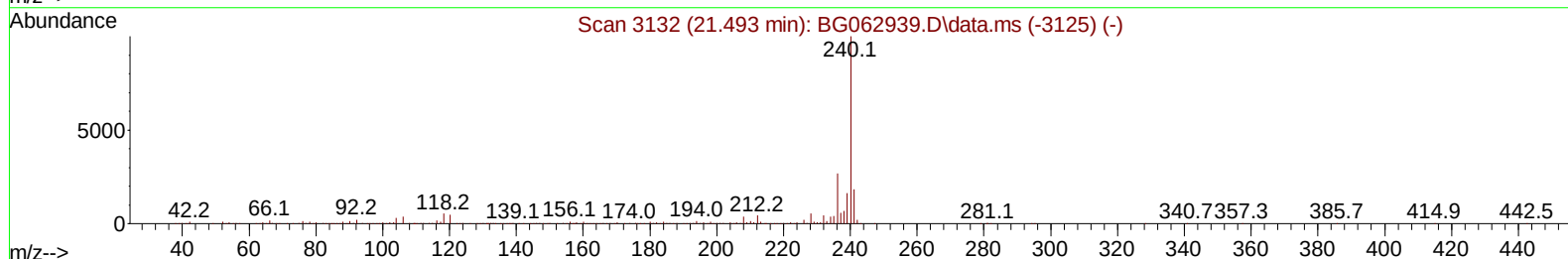
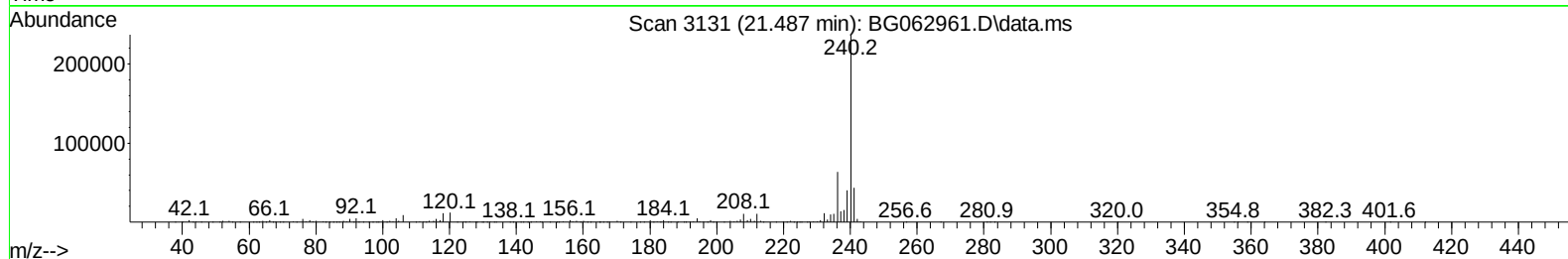
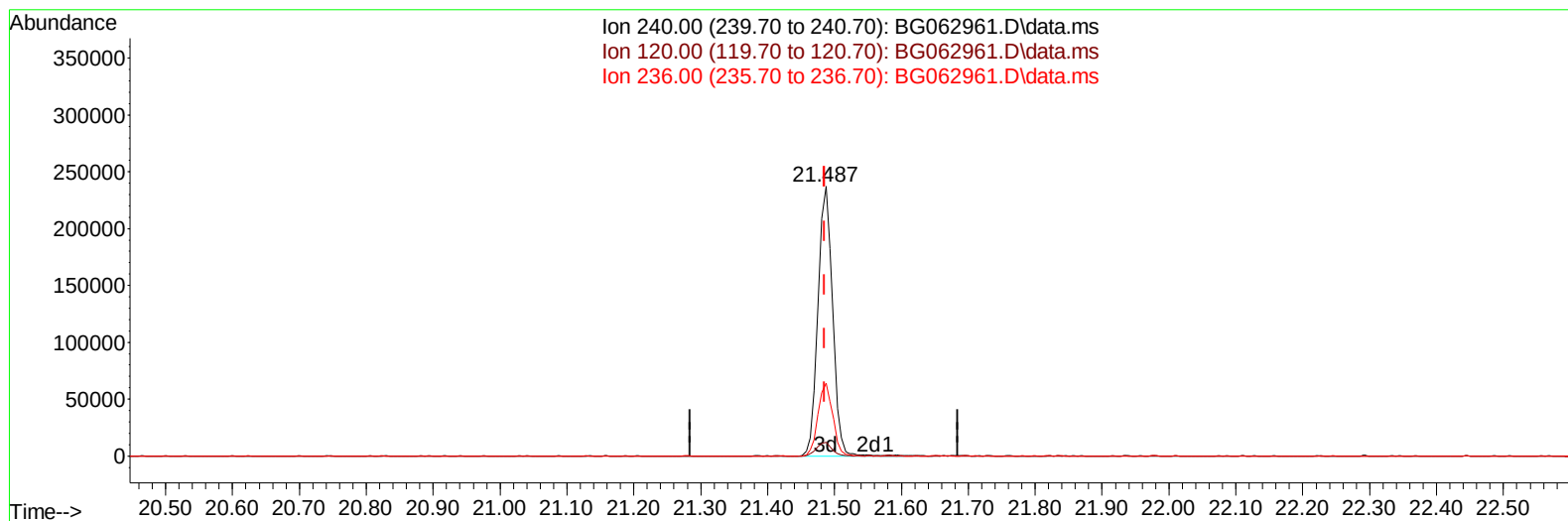
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062961.D
Acq On : 20 Sep 2024 3:23
Operator : JU/RC
Sample : P3994-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B45

Manual IntegrationsAPPROVED

Quant Time: Sep 20 04:06:07 2024
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Supervised By :mohammad ahmed 09/22/2024



TIC: BG062961.D\data.ms

(79) Chrysene-d12 (I)

21.487min (+ 0.002) 20.00 ng/ul m

response 359329

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	5.04#
236.00	26.60	26.95
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062961.D
 Acq On : 20 Sep 2024 3:23
 Operator : JU/RC
 Sample : P3994-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B45

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 04:06:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	45160	20.000	ng/ul	0.00
20) Naphthalene-d8	10.647	136	178333	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.489	164	142331	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	345754m	20.000	ng/ul	0.00
79) Chrysene-d12	21.487	240	359329m	20.000	ng/ul	0.00
88) Perylene-d12	24.525	264	416985	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	4340m	2.815	ng/uL	0.00
4) Pyridine-d5	3.737	84	30662	7.325	ng/ul	0.00
7) Phenol-d5	7.022	99	32088	6.847	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	61109	23.303	ng/ul	0.00
11) 2-Chlorophenol-d4	7.392	132	65745	21.370	ng/ul	0.00
15) 4-Methylphenol-d8	8.561	113	56110	16.345	ng/ul	0.00
21) Nitrobenzene-d5	9.008	128	37511	26.403	ng/ul	0.00
24) 2-Nitrophenol-d4	9.724	143	46252	28.696	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.271	165	83689	25.026	ng/ul	0.00
31) 4-Chloroaniline-d4	10.776	131	84078	20.203	ng/ul	0.00
46) Dimethylphthalate-d6	13.896	166	268010	25.322	ng/ul	0.00
49) Acenaphthylene-d8	14.178	160	281911	23.848	ng/ul	0.00
54) 4-Nitrophenol-d4	14.689	143	9558m	5.635	ng/ul	0.00
60) Fluorene-d10	15.482	176	246845	25.047	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	51979m	24.869	ng/ul	0.00
73) Anthracene-d10	17.333	188	416031	25.460	ng/ul	0.00
81) Pyrene-d10	19.630	212	560520	25.755	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.325	264	606638	27.586	ng/ul	0.01

Target Compounds Qvalue

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

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