

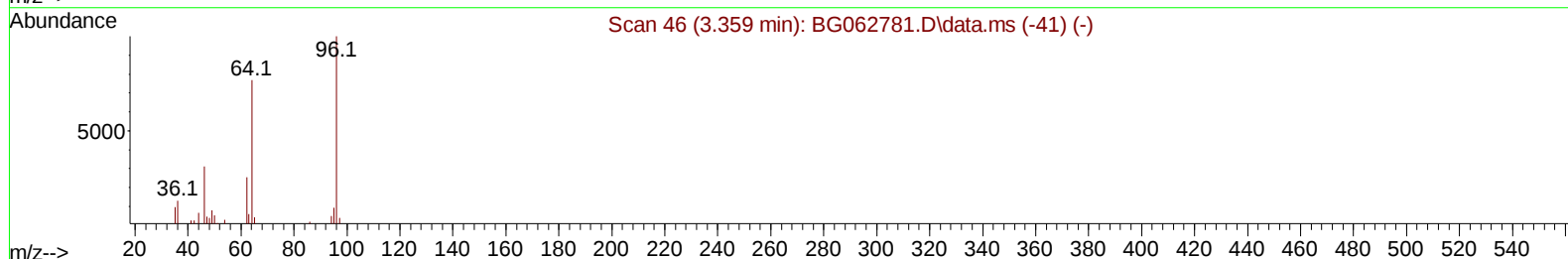
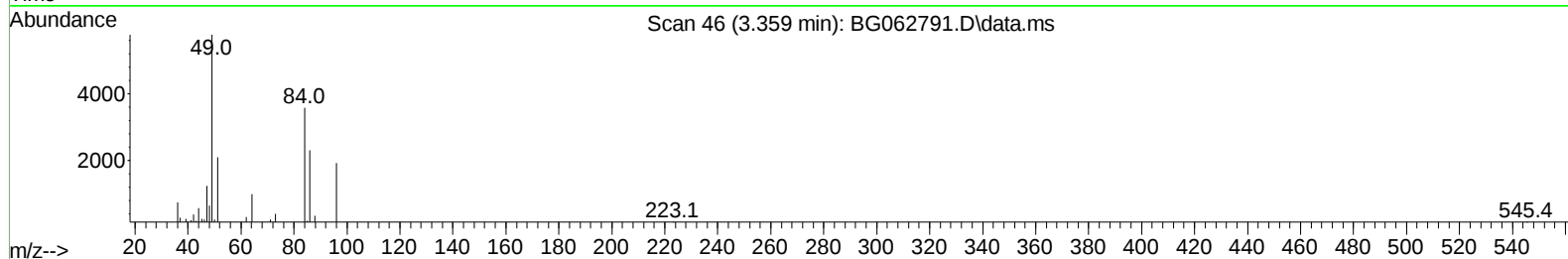
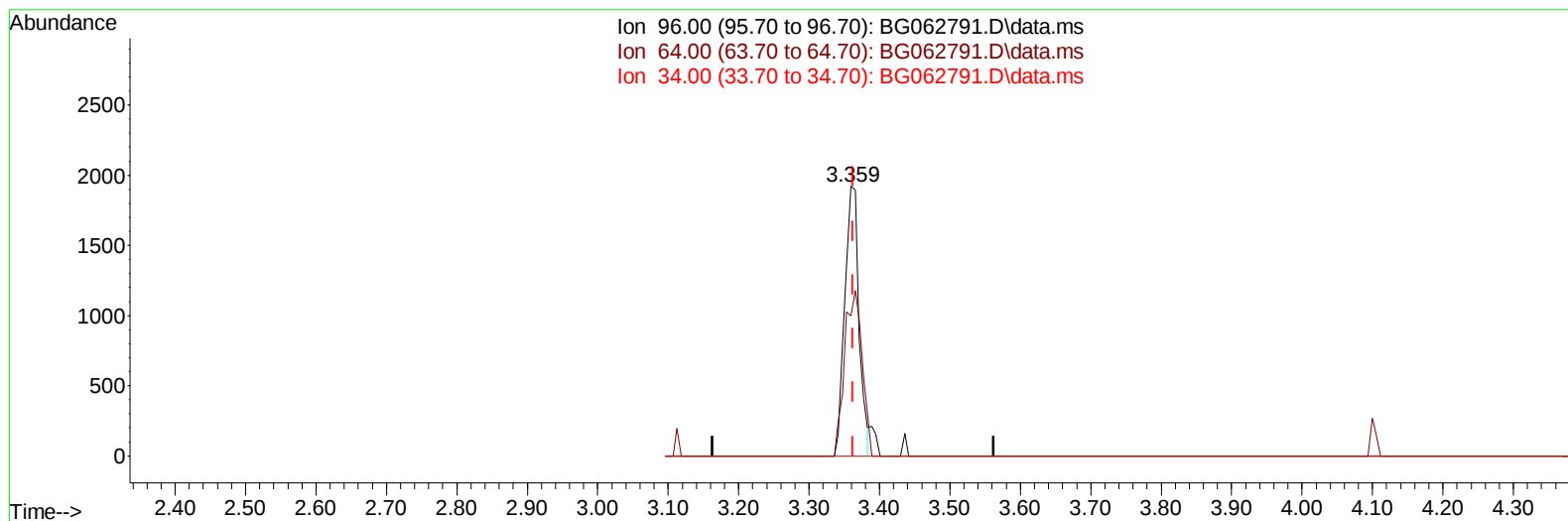
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062791.D
Acq On : 13 Sep 2024 17:01
Operator : JU/RC
Sample : P3898-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC13

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 13 23:01:30 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



TIC: BG062791.D\data.ms

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

3.359min (-0.004) 1.70 ng/uL

response 2671

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.00	51.93
34.00	0.00	0.00
0.00	0.00	0.00

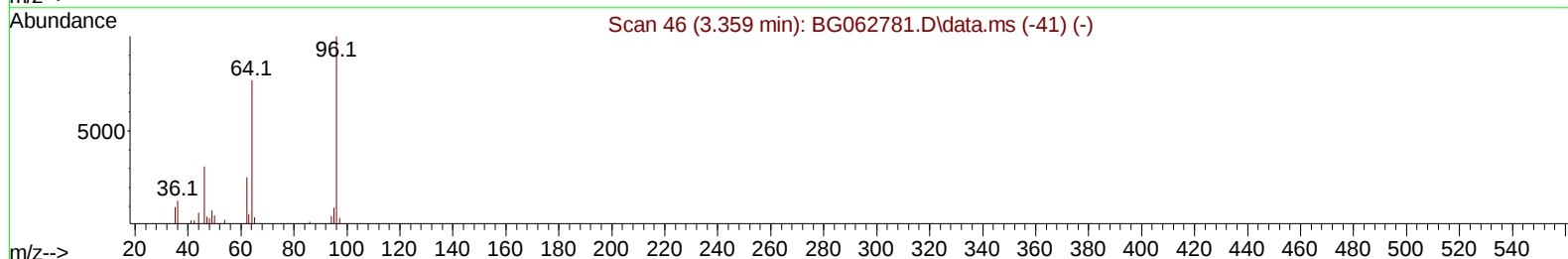
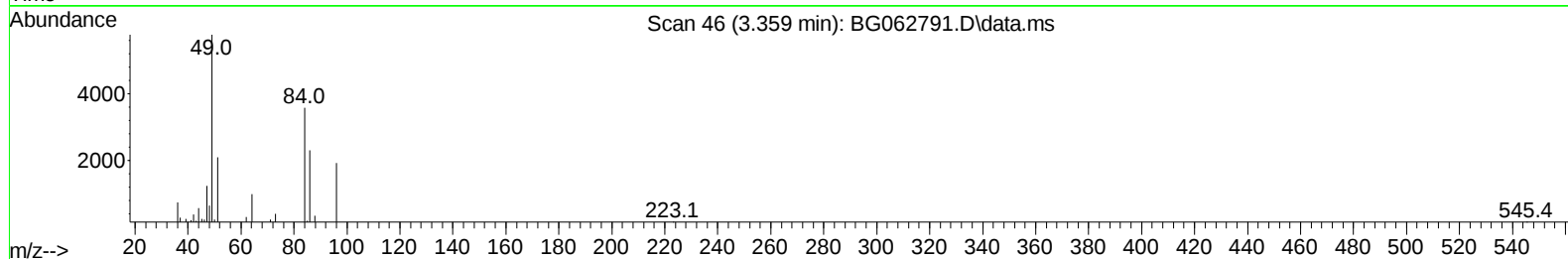
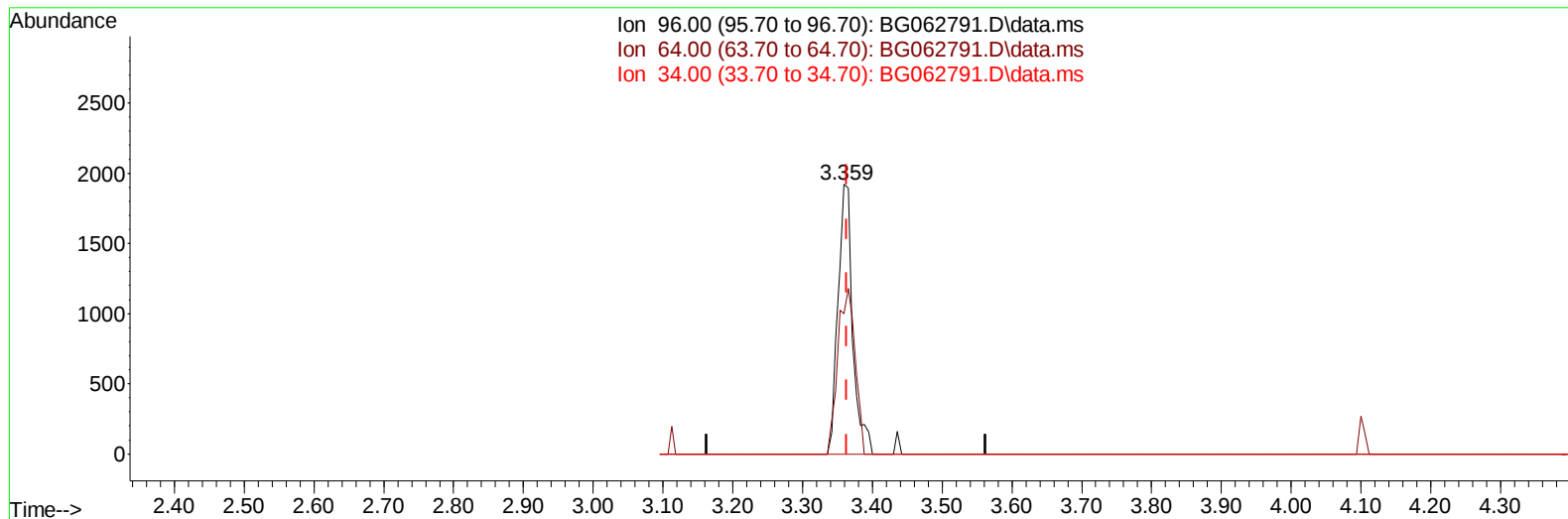
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062791.D
Acq On : 13 Sep 2024 17:01
Operator : JU/RC
Sample : P3898-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 13 23:01:30 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration



TIC: BG062791.D\data.ms

(3) 1,4-Dioxane-d8 (S)**3.359min (-0.004) 1.78 ng/uL m****response 2801**

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.00	51.93
34.00	0.00	0.00
0.00	0.00	0.00

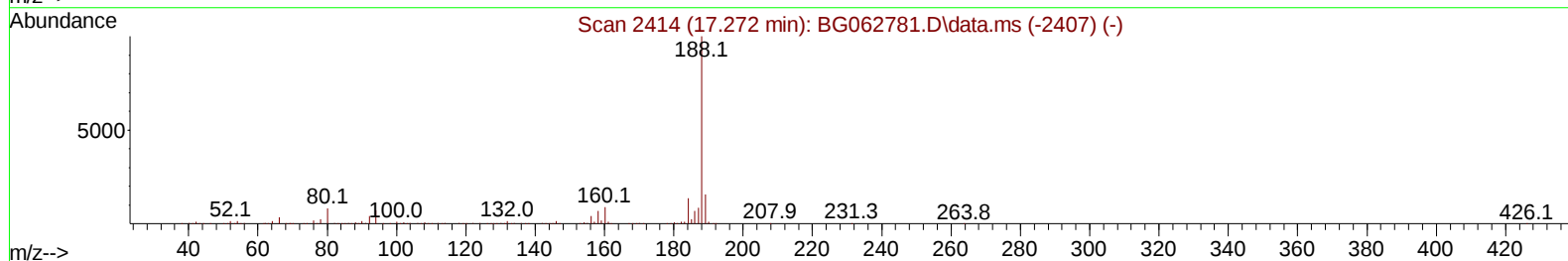
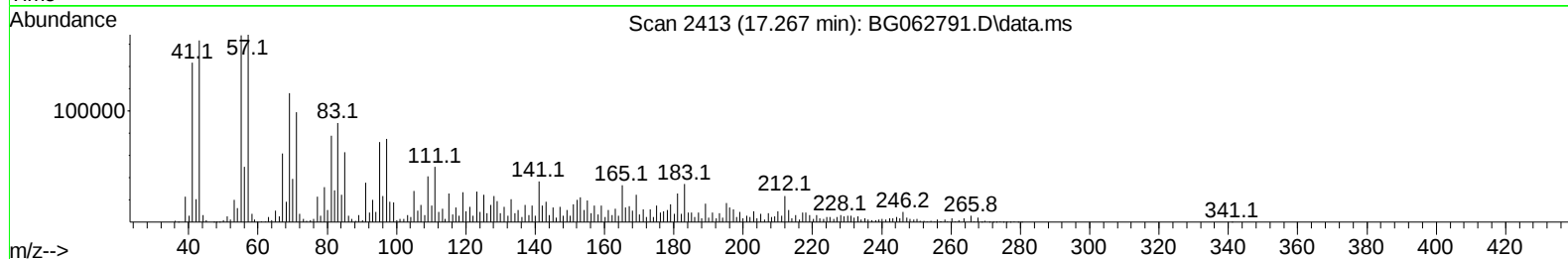
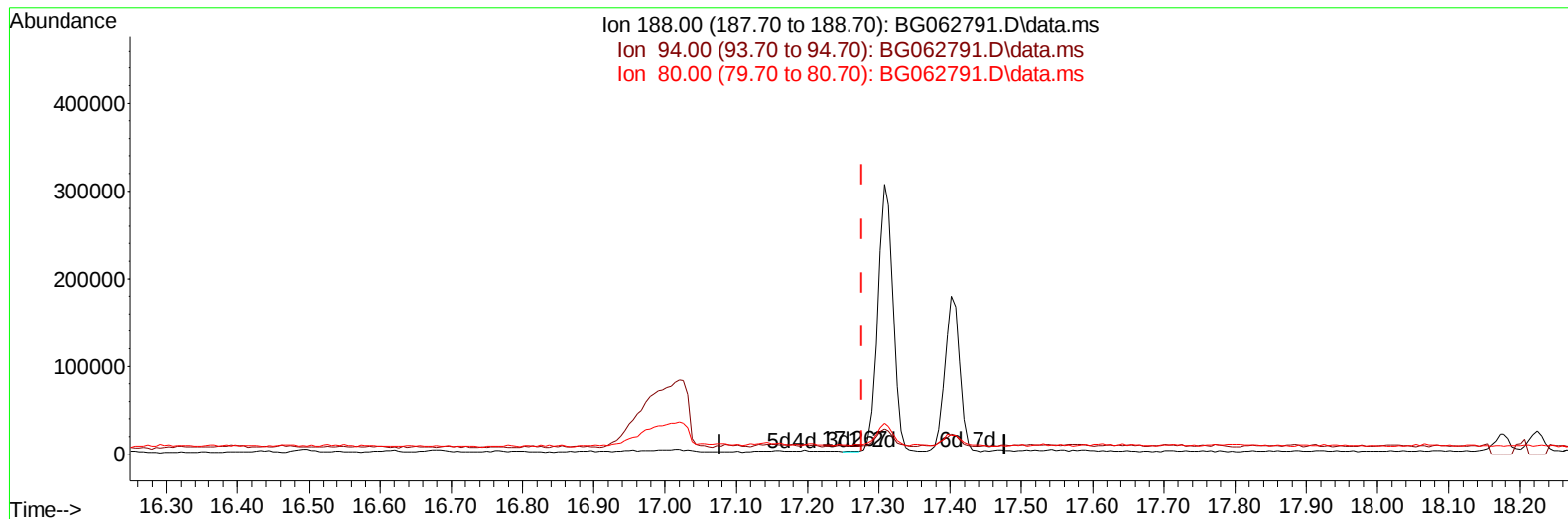
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062791.D
Acq On : 13 Sep 2024 17:01
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Instrument :
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Supervised By :mohammad ahmed 09/17/2024



TIC: BG062791.D\data.ms

(64) Phenanthrene-d10 (I)

17.267min (-0.010) 20.00 ng/u1

response 919

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.60	253.36#
80.00	7.90	297.05#
0.00	0.00	0.00

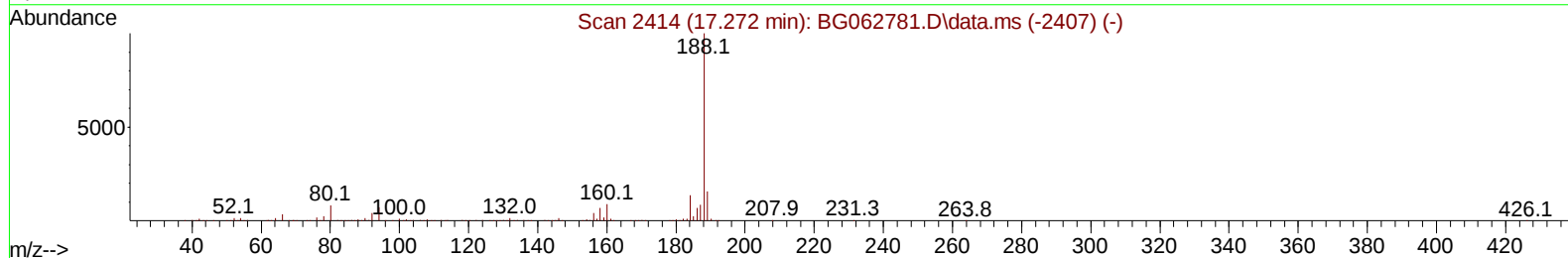
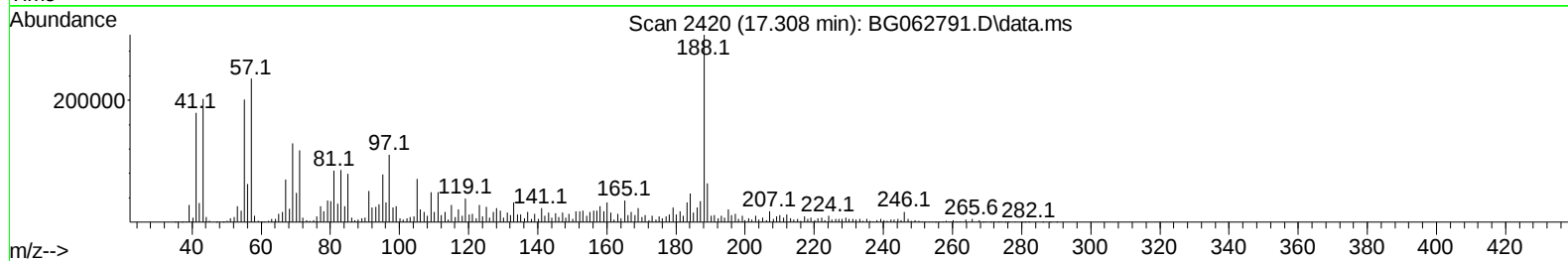
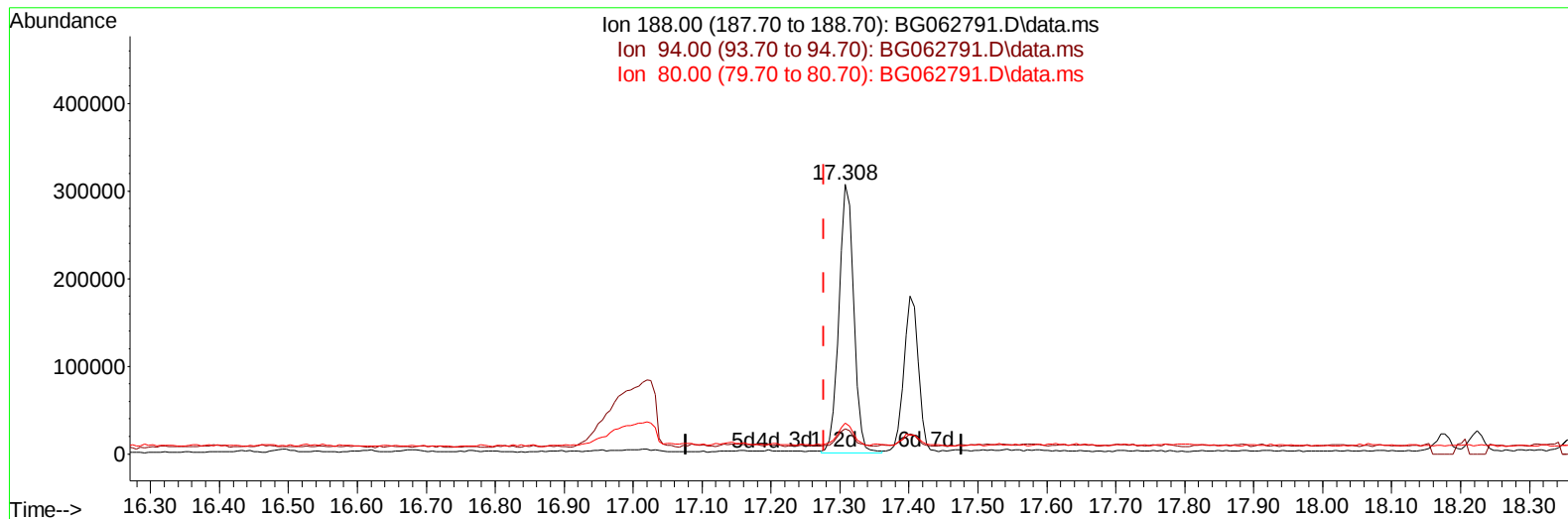
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062791.D
Acq On : 13 Sep 2024 17:01
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Sample : P3898-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062791.D\data.ms

(64) Phenanthrene-d10 (I)

17.308min (+ 0.031) 20.00 ng/ul m

response 461880

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.60	9.45#
80.00	7.90	11.38#
0.00	0.00	0.00

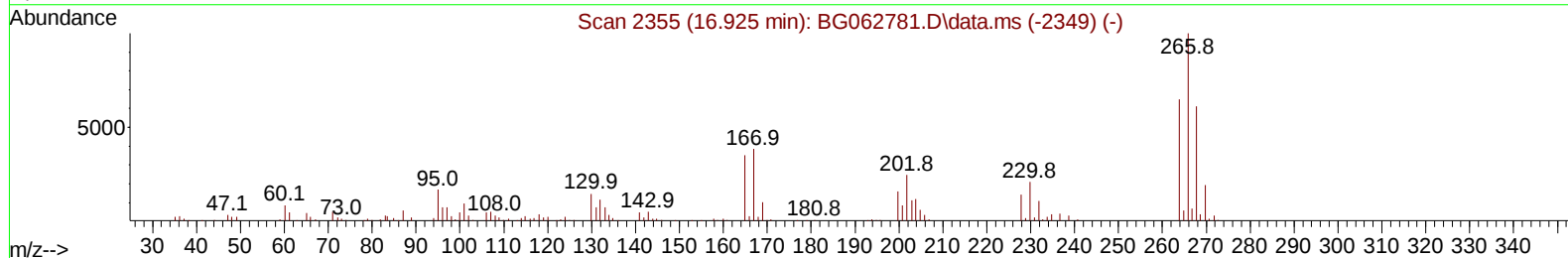
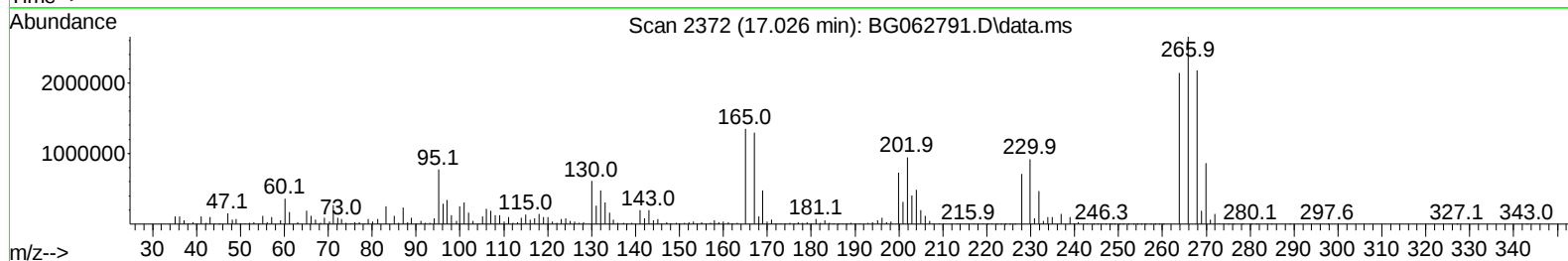
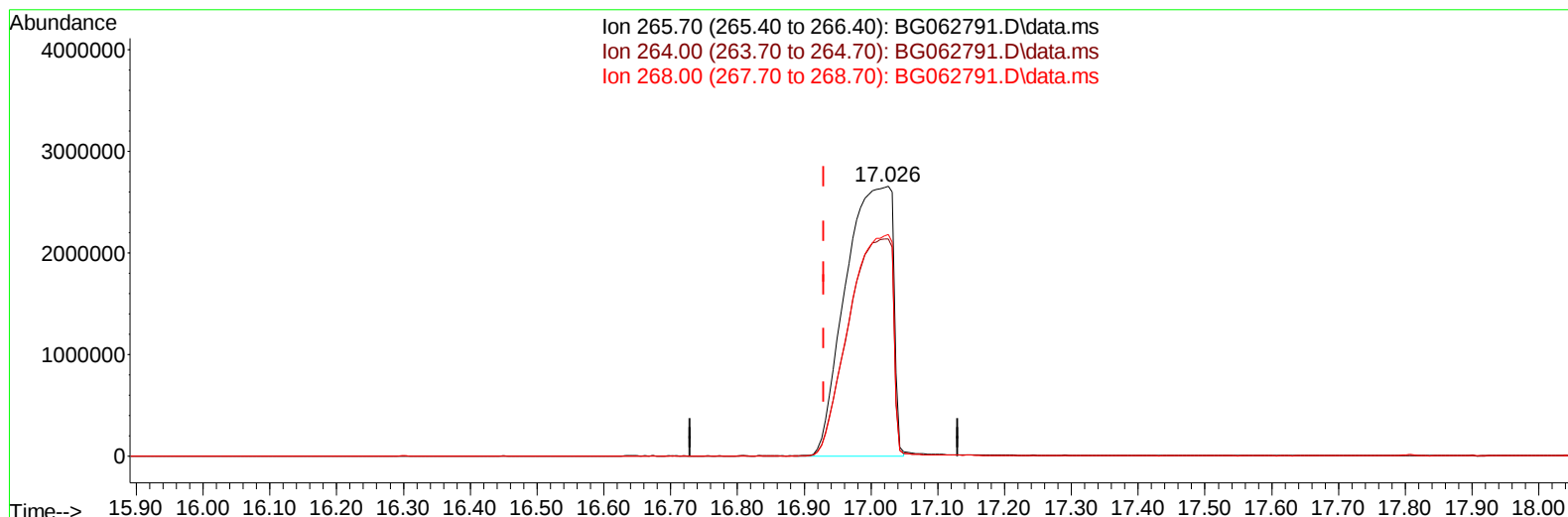
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062791.D
Acq On : 13 Sep 2024 17:01
Operator : JU/RC
Sample : P3898-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC13

Manual IntegrationsAPPROVED

Quant Time: Sep 13 23:27:48 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 :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062791.D\data.ms

(71) Pentachlorophenol (C)

17.026min (+ 0.096) 3586.09 ng/u1

response 13016440

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	60.70	80.57#
268.00	61.90	82.18#
0.00	0.00	0.00

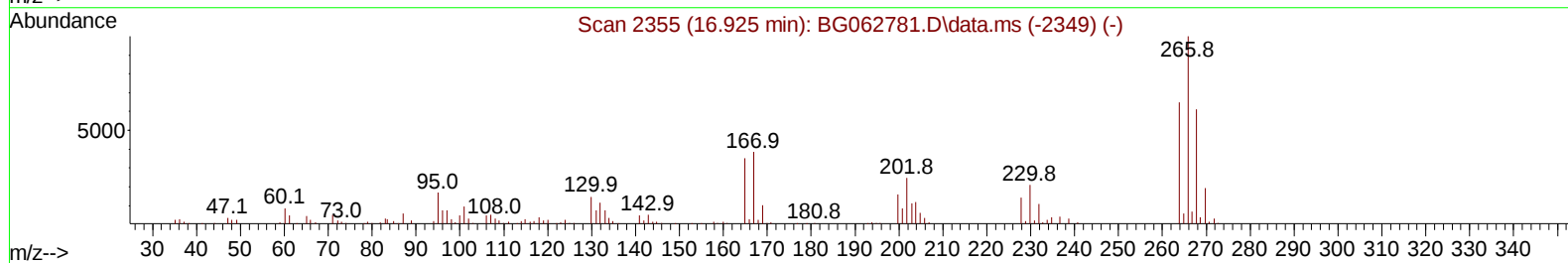
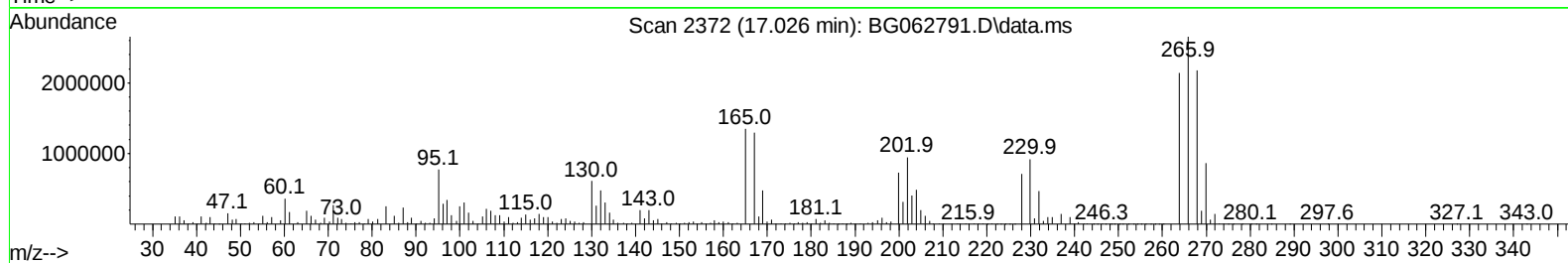
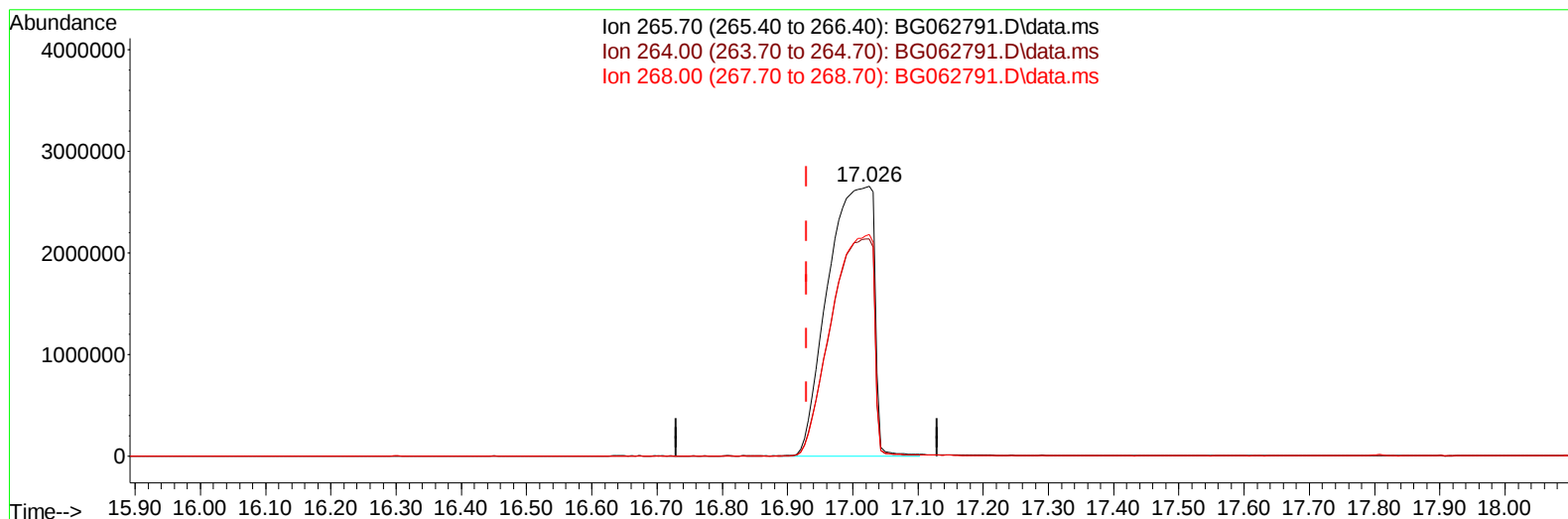
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062791.D
Acq On : 13 Sep 2024 17:01
Operator : JU/RC
Sample : P3898-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC13

Manual IntegrationsAPPROVED

Quant Time: Sep 13 23:27:48 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 :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062791.D\data.ms

(71) Pentachlorophenol (C)

17.026min (+ 0.096) 3606.40 ng/ul m

response 13090185

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	60.70	80.57#
268.00	61.90	82.18#
0.00	0.00	0.00

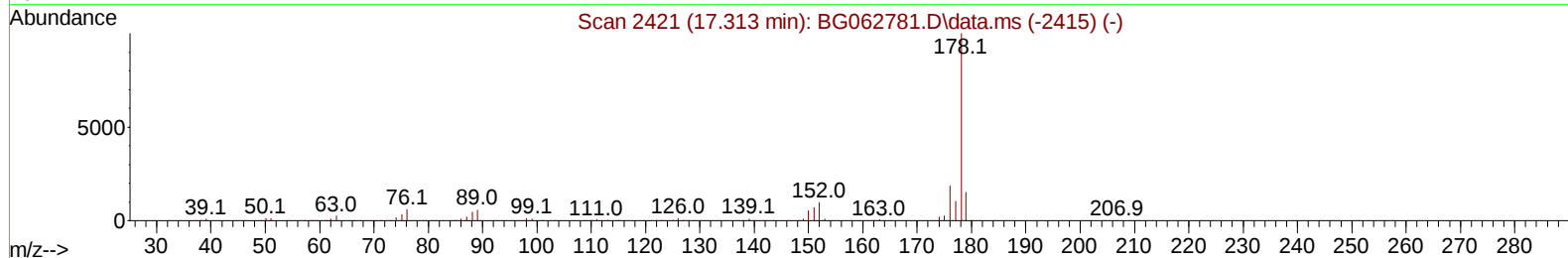
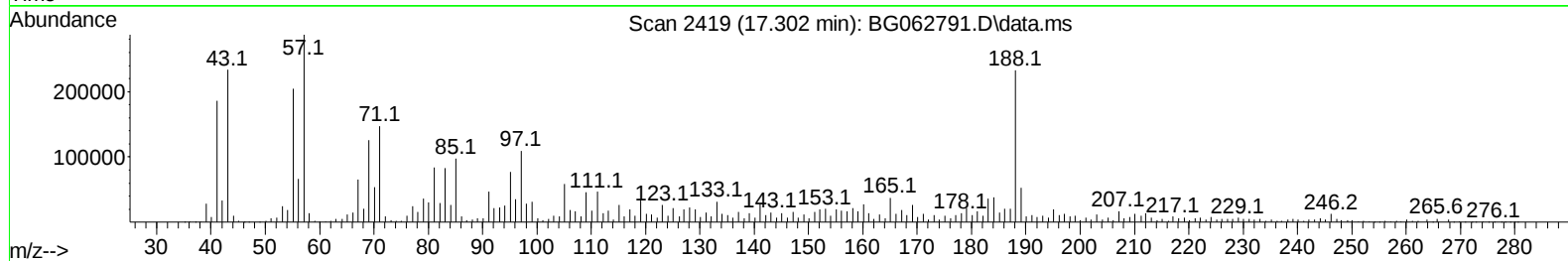
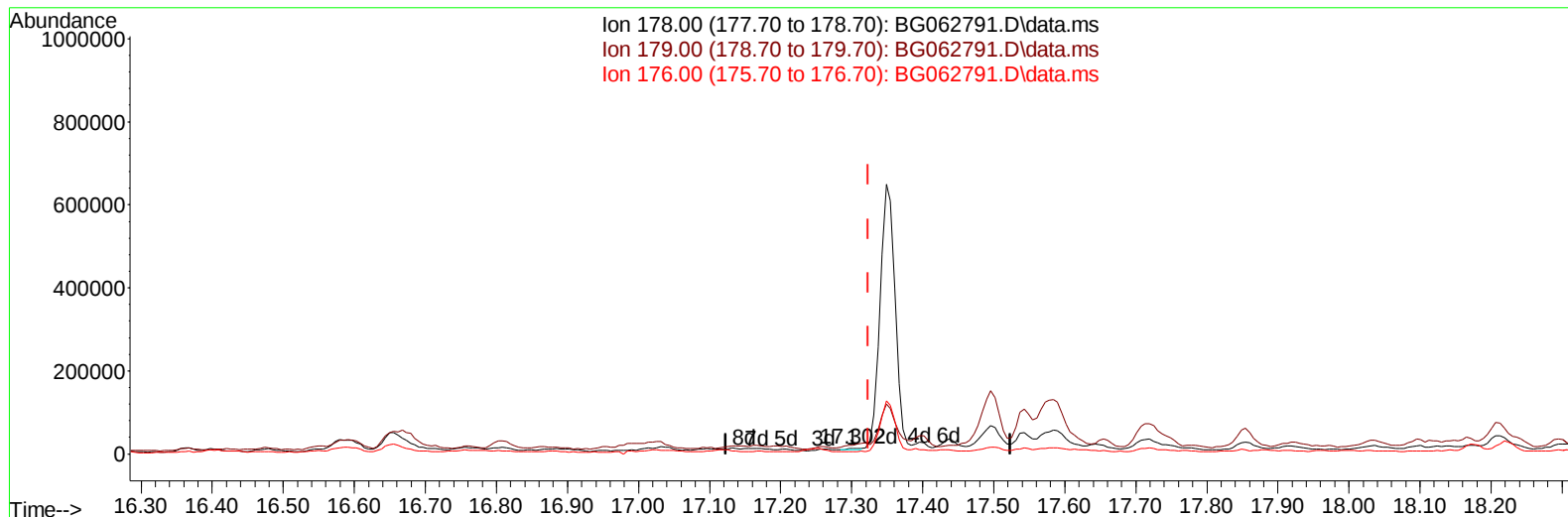
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062791.D
Acq On : 13 Sep 2024 17:01
Operator : JU/RC
Sample : P3898-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 13 23:27:48 2024
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062791.D\data.ms

(72) Phenanthrene

17.302min (-0.022) 0.16 ng/ul

response 3940

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	155.14#
176.00	18.60	44.76#
0.00	0.00	0.00

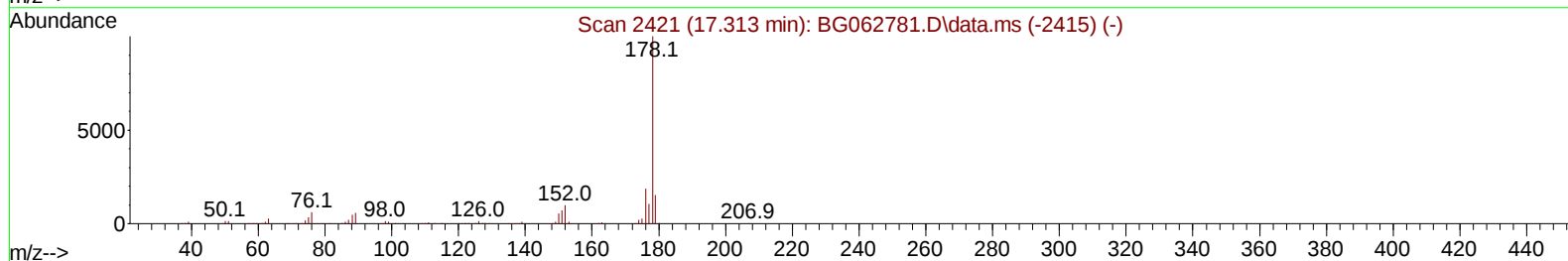
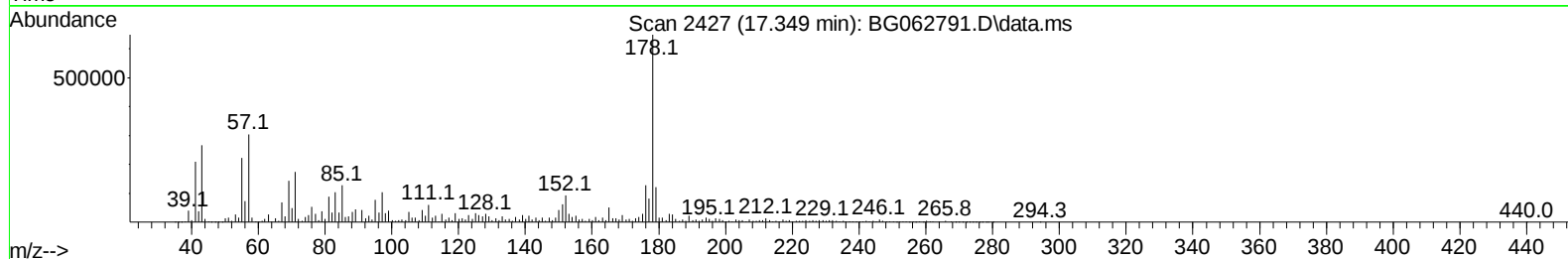
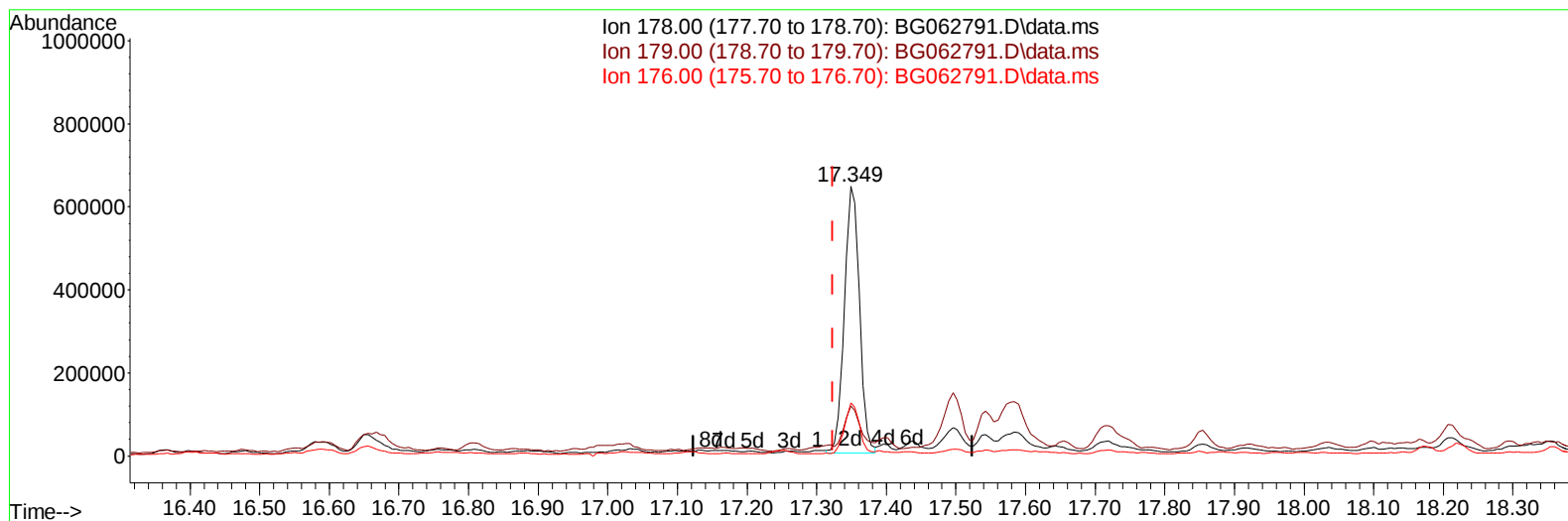
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062791.D
 Acq On : 13 Sep 2024 17:01
 Operator : JU/RC
 Sample : P3898-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC13

Manual IntegrationsAPPROVED

Quant Time: Sep 13 23:27:48 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
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Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024



TIC: BG062791.D\data.ms

(72) Phenanthrene

17.349min (+ 0.025) 40.04 ng/ul m

response 961619

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	18.54#
176.00	18.60	19.78
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062791.D
 Acq On : 13 Sep 2024 17:01
 Operator : JU/RC
 Sample : P3898-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC13

Manual IntegrationsAPPROVED

Quant Time: Sep 13 23:29:01 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
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 Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.901	152		71013	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136		293459	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.535	164		223639	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.308	188		461880m	20.000	ng/ul	0.03
79) Chrysene-d12	21.526	240		496296	20.000	ng/ul	0.00
88) Perylene-d12	24.593	264		569645	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.359	96		2801m	1.783	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.073	99		54192	8.703	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.231	67		38297	10.258	ng/ul	0.00
11) 2-Chlorophenol-d4	7.437	132		45324	9.993	ng/ul	0.00
15) 4-Methylphenol-d8	8.606	113		33969	6.546	ng/ul	0.00
21) Nitrobenzene-d5	9.053	128		26165	12.475	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143		28941	12.617	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165		60721	12.155	ng/ul	0.00
31) 4-Chloroaniline-d4	10.815	131		56207	8.186	ng/ul	-0.02
46) Dimethylphthalate-d6	13.935	166		191494	11.119	ng/ul	0.00
49) Acenaphthylene-d8	14.229	160		230463	12.049	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143		39869	13.628	ng/ul	0.01
60) Fluorene-d10	15.533	176		184801	11.908	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200		29622	11.149	ng/ul	0.00
73) Anthracene-d10	17.402	188		258041	11.838	ng/ul	0.03
81) Pyrene-d10	19.676	212		298675	10.695	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.382	264		251240	8.353	ng/ul	0.00
Target Compounds							
						Qvalue	
8) Phenol	7.096	94		18557	2.867	ng/ul	97
30) Naphthalene	10.745	128		182307	11.586	ng/ul	96
36) 2-Methylnaphthalene	12.361	142		728344	62.719	ng/ul	96
37) 1-Methylnaphthalene	12.578	142		534405	44.925	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.972	196		13405	2.878	ng/ul	91
42) 2,4,5-Trichlorophenol	13.042	196		10984	2.197	ng/ul	94
43) 1,1'-Biphenyl	13.365	154		64421	4.096	ng/ul	99
52) Acenaphthene	14.599	153		46311	3.238	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.181	232		1607378	317.220	ng/ul#	97
61) Fluorene	15.586	166		128110	7.675	ng/ul#	81
71) Pentachlorophenol	17.026	266		13090185m	3606.404	ng/ul	
72) Phenanthrene	17.349	178		961619m	40.035	ng/ul	
80) Fluoranthene	19.347	202		67644	2.187	ng/ul#	76
82) Pyrene	19.711	202		84097	2.526	ng/ul#	87
86) Bis(2-ethylhexyl)phtha...	21.426	149		303611	20.861	ng/ul	97

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

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