

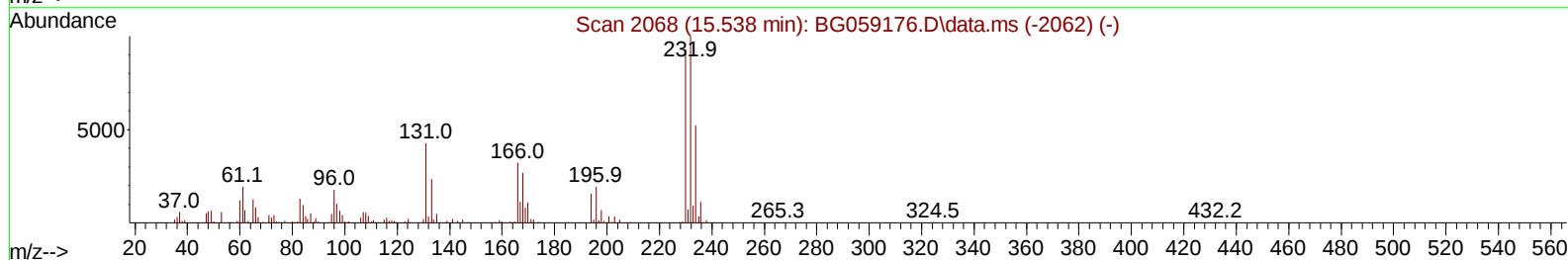
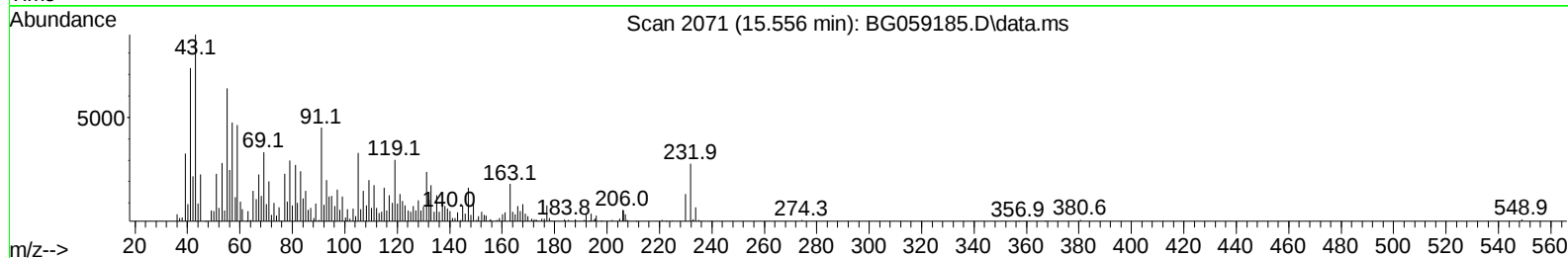
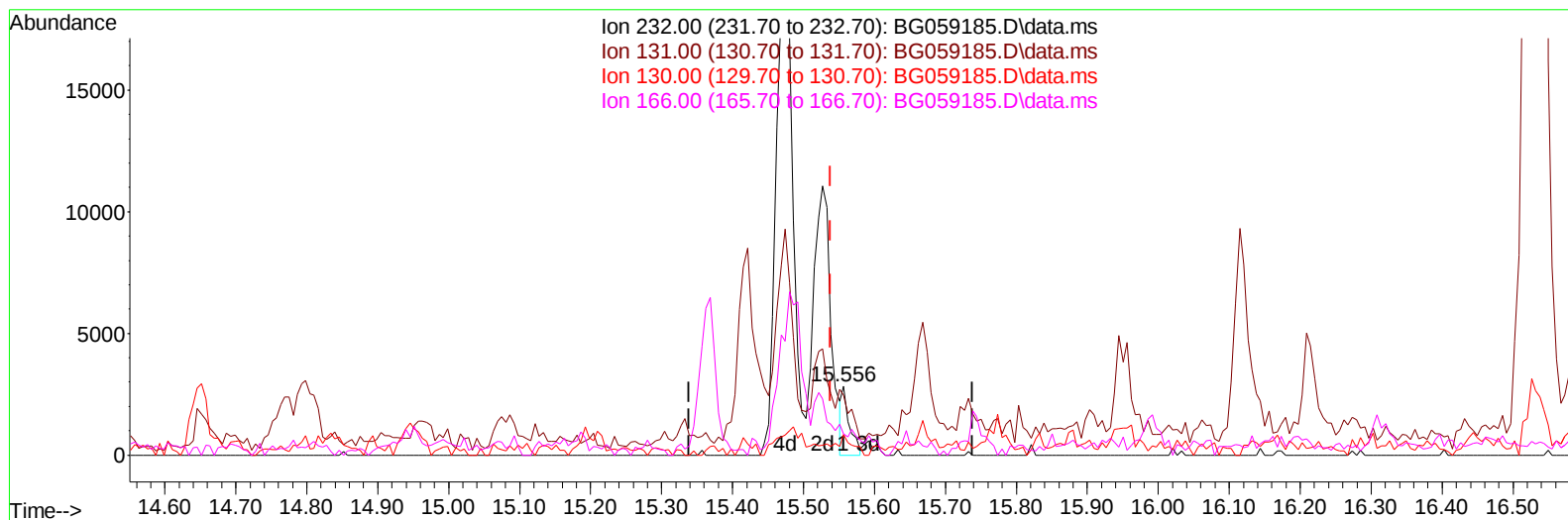
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
Data File : BG059185.D
Acq On : 25 Sep 2023 15:49
Operator : MA/JU
Sample : 04429-01DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBKJ4DL

Manual IntegrationsAPPROVED

Quant Time: Sep 25 23:24:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 25 22:33:28 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



TIC: BG059185.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.556min (+ 0.018) 0.76 ng/u1

response 2128

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	32.30	87.05#
130.00	2.20	29.72#
166.00	23.00	30.53#

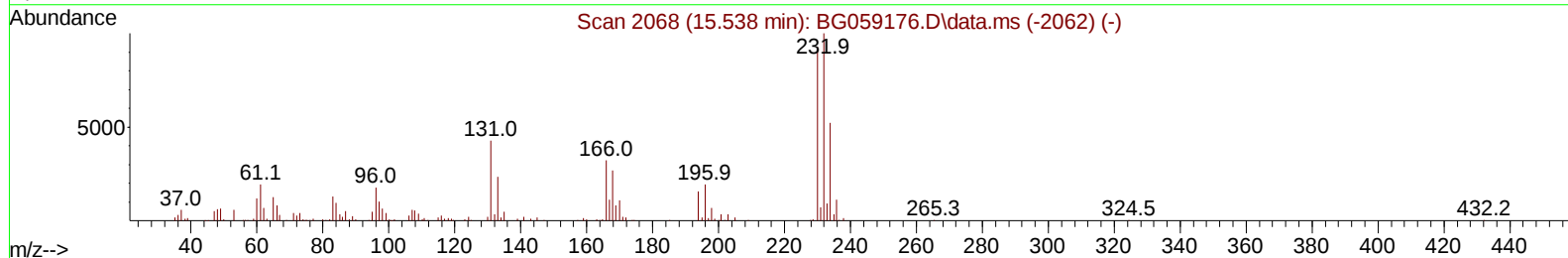
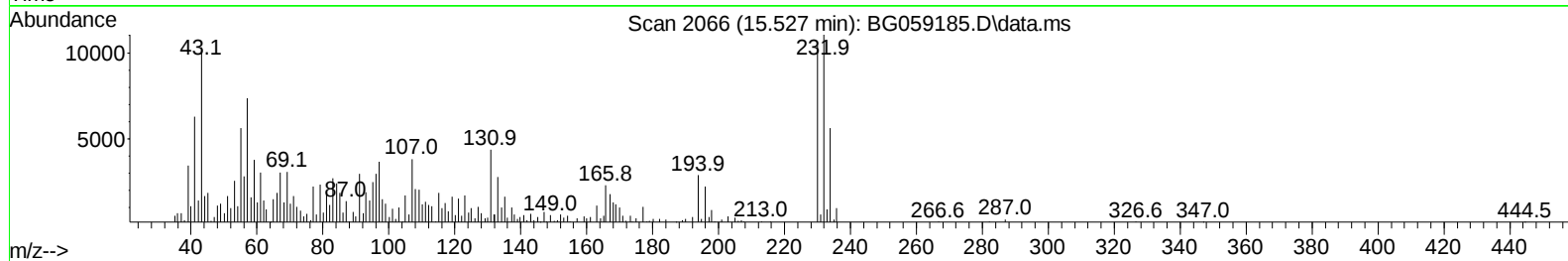
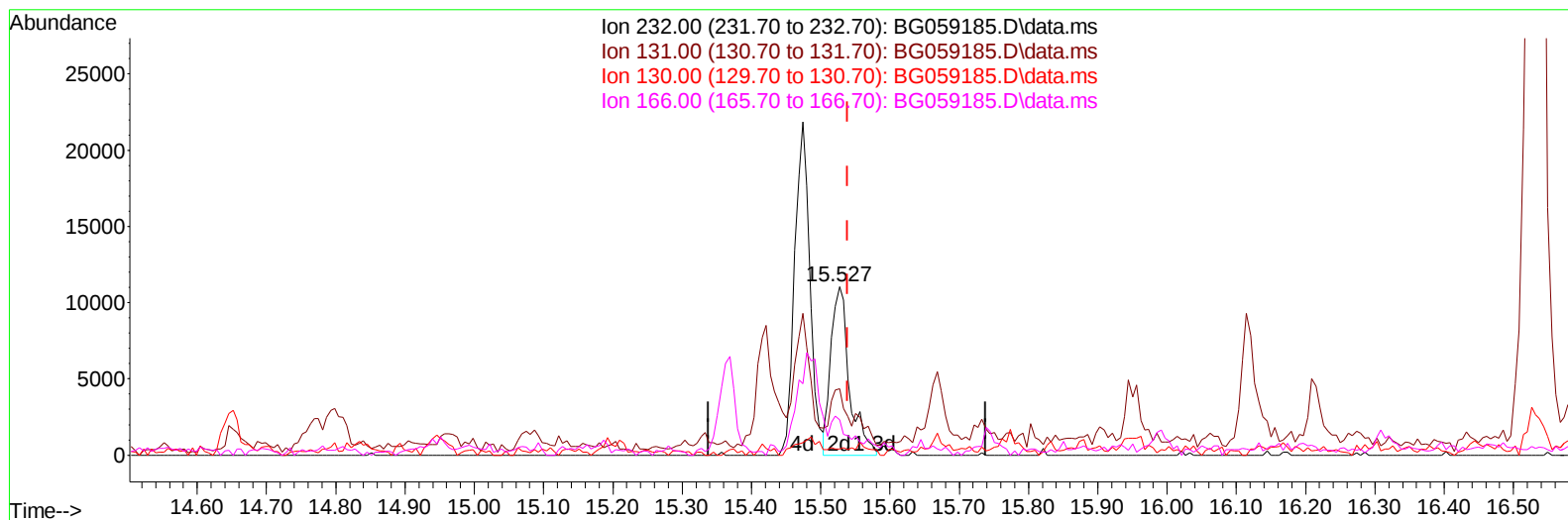
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059185.D
 Acq On : 25 Sep 2023 15:49
 Operator : MA/JU
 Sample : 04429-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 25 23:24:32 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 22:33:28 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/26/2023



TIC: BG059185.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.527min (-0.011) 7.33 ng/ul m

response 20542

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	32.30	39.40#
130.00	2.20	3.64#
166.00	23.00	20.87

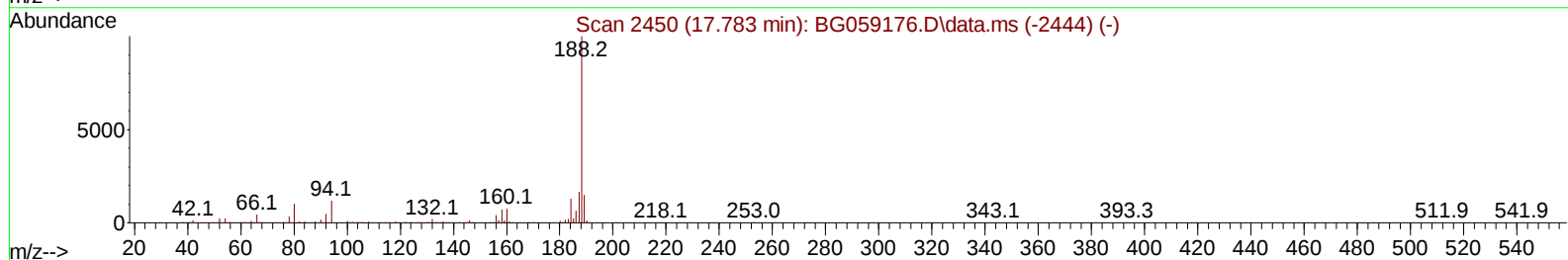
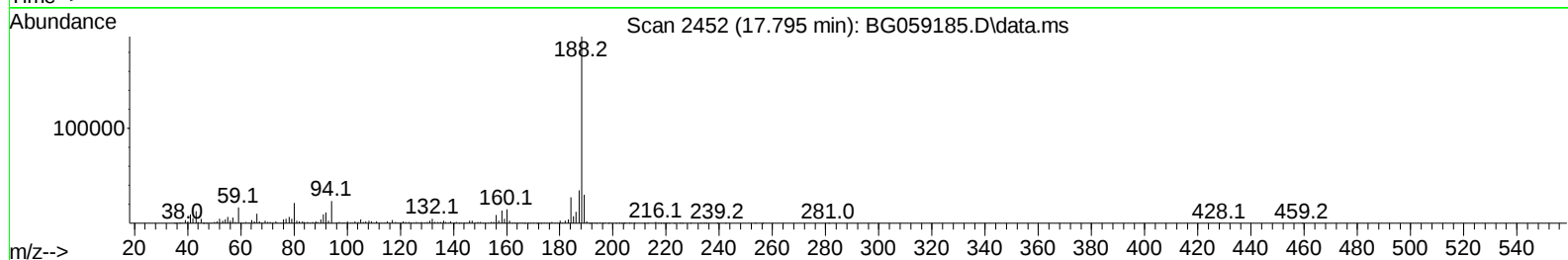
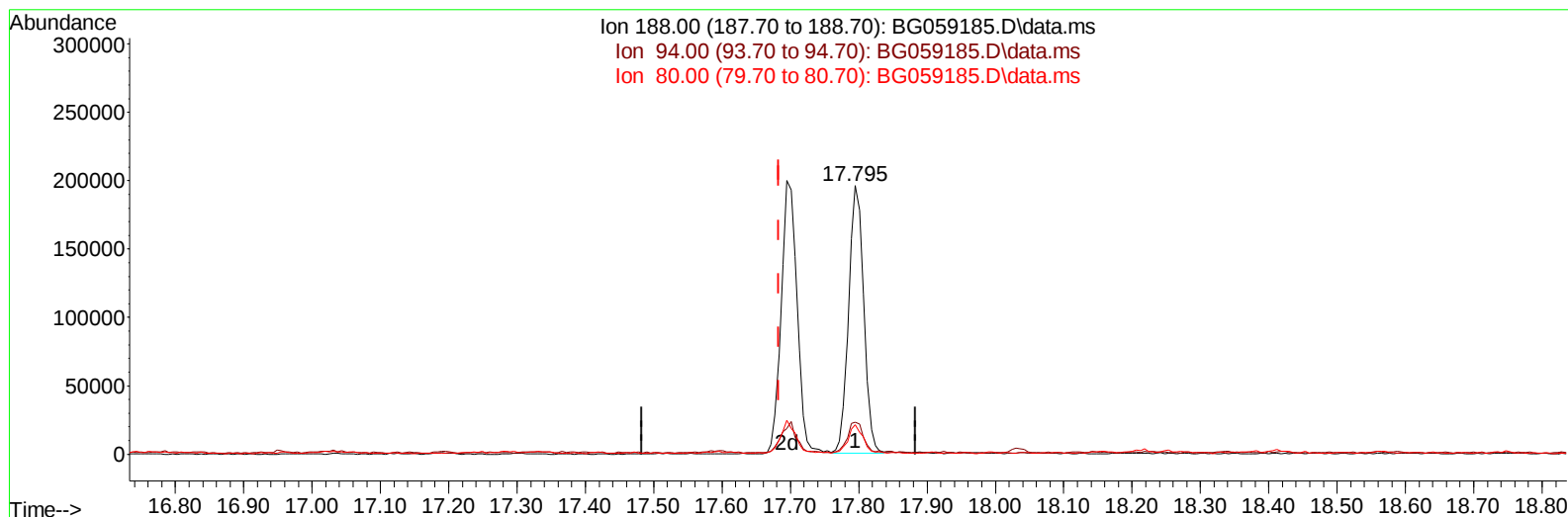
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
Data File : BG059185.D
Acq On : 25 Sep 2023 15:49
Operator : MA/JU
Sample : 04429-01DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBKJ4DL

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 25 22:33:28 2023
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Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



TIC: BG059185.D\data.ms

(64) Phenanthrene-d10 (I)

17.795min (+ 0.112) 20.00 ng/u1

response 301198

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.96
80.00	10.20	10.99
0.00	0.00	0.00

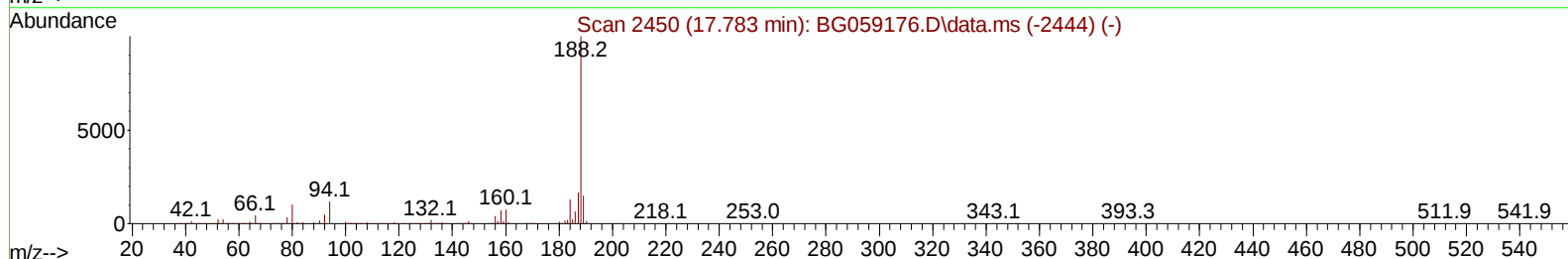
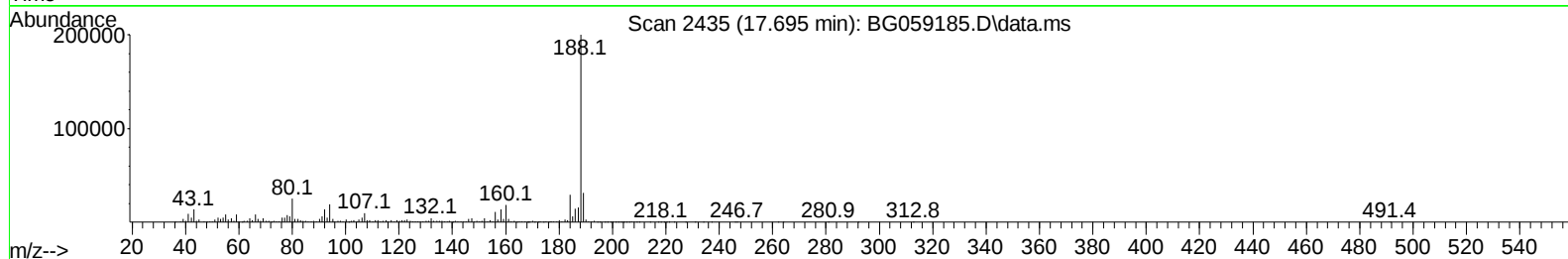
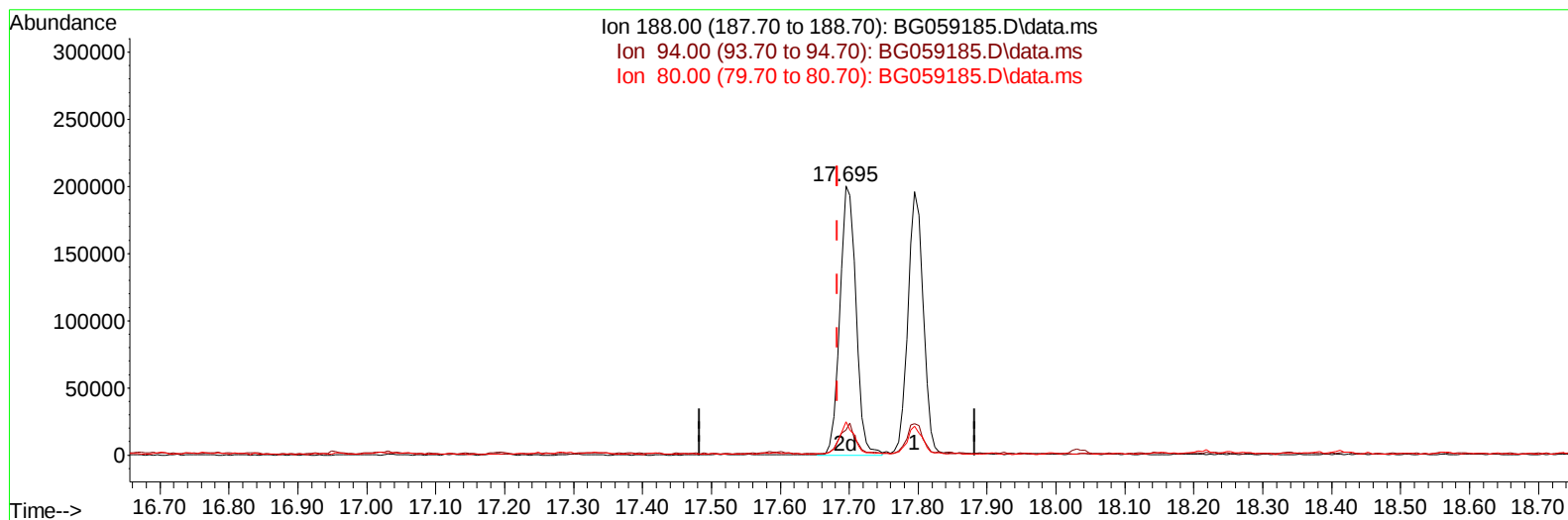
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/26/2023



TIC: BG059185.D\data.ms

(64) Phenanthrene-d10 (I)

17.695min (+ 0.012) 20.00 ng/ul m

response 322238

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	9.42
80.00	10.20	12.46#
0.00	0.00	0.00

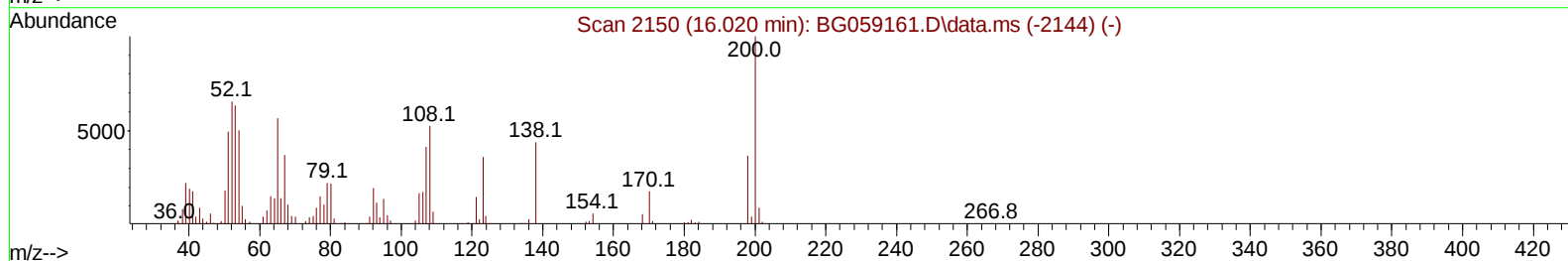
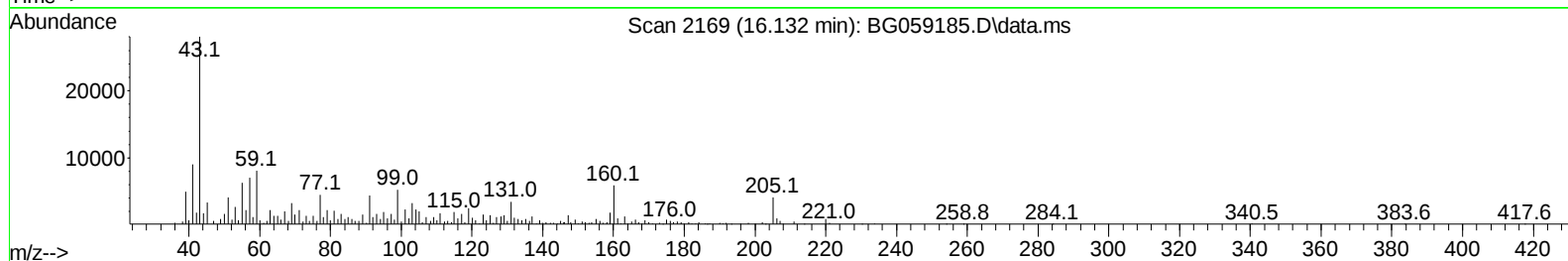
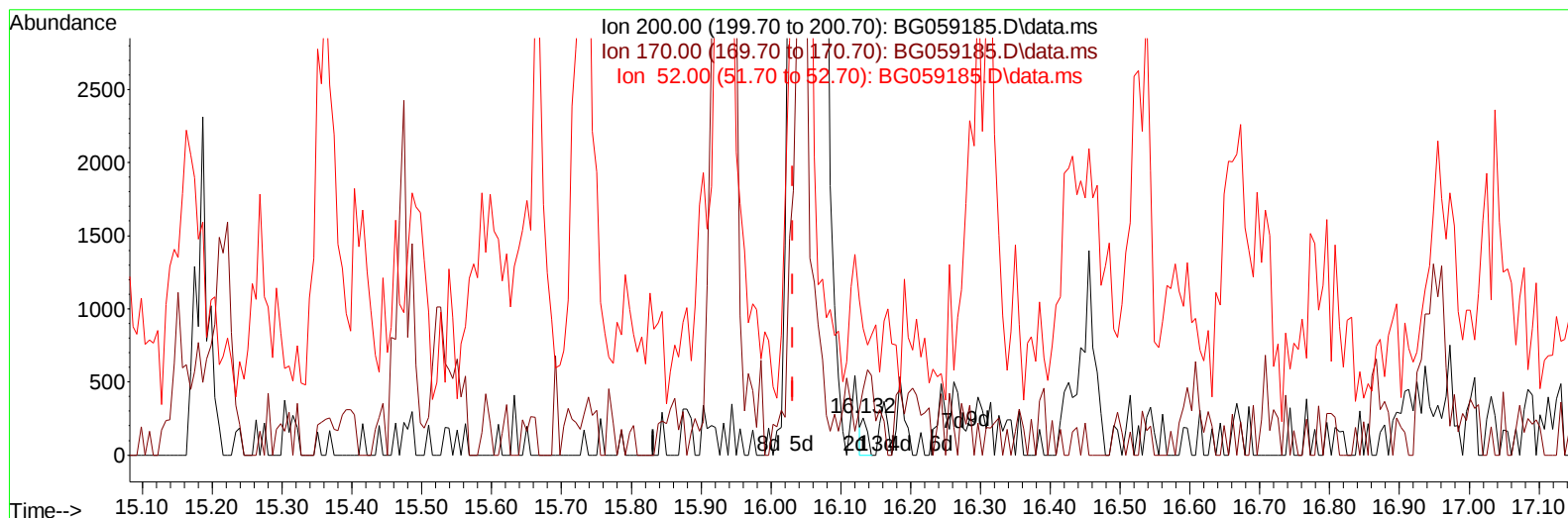
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059185.D
 Acq On : 25 Sep 2023 15:49
 Operator : MA/JU
 Sample : 04429-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKJ4DL

Manual IntegrationsAPPROVED

Quant Time: Sep 25 23:25:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
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 QLast Update : Mon Sep 25 22:33:28 2023
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Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/26/2023



TIC: BG059185.D\data.ms

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

16.132min (+ 0.100) 0.08 ng/u1

response 145

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	14.30	177.78#
52.00	67.70	342.46#
0.00	0.00	0.00

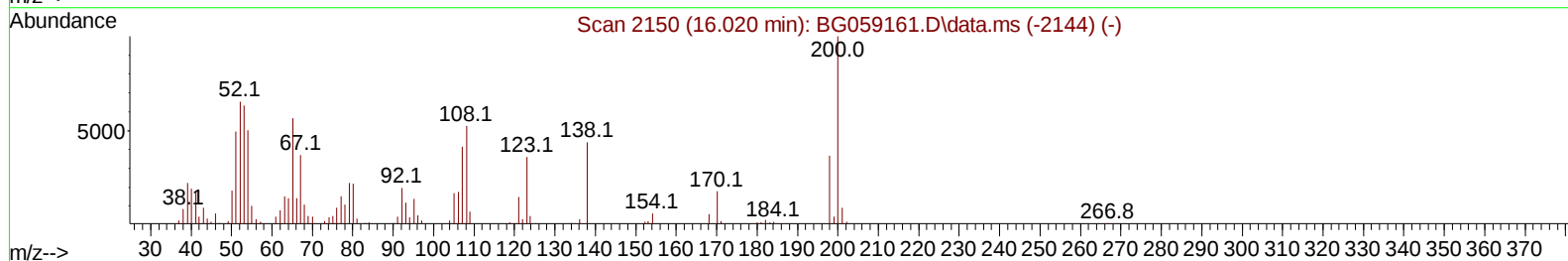
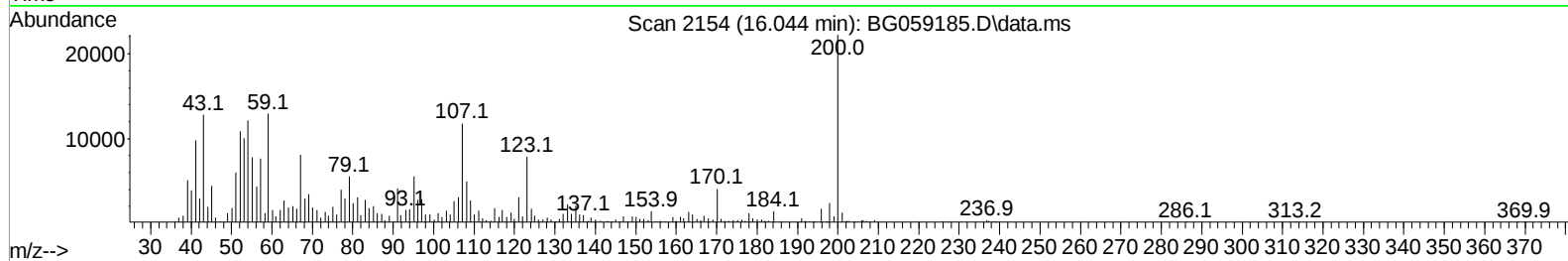
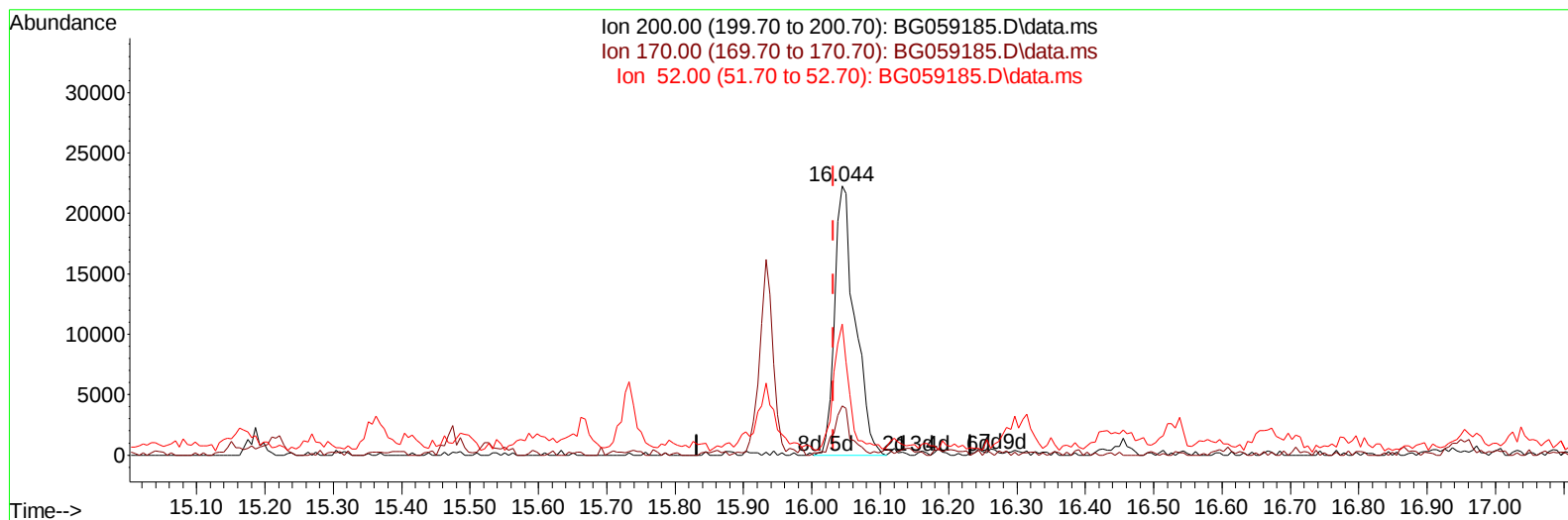
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059185.D
 Acq On : 25 Sep 2023 15:49
 Operator : MA/JU
 Sample : 04429-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKJ4DL

Manual IntegrationsAPPROVED

Quant Time: Sep 25 23:25:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/26/2023



TIC: BG059185.D\data.ms

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

16.044min (+ 0.012) 25.14 ng/ul m

response 46060

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	14.30	18.31#
52.00	67.70	48.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
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 Acq On : 25 Sep 2023 15:49
 Operator : MA/JU
 Sample : 04429-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

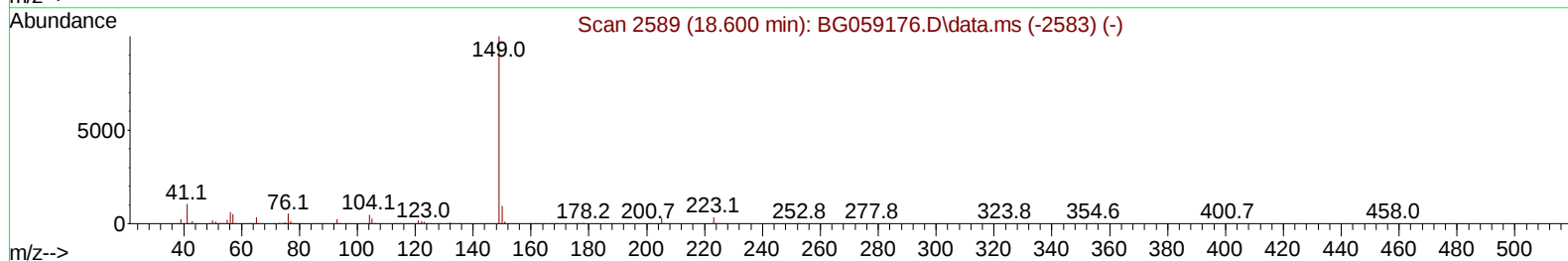
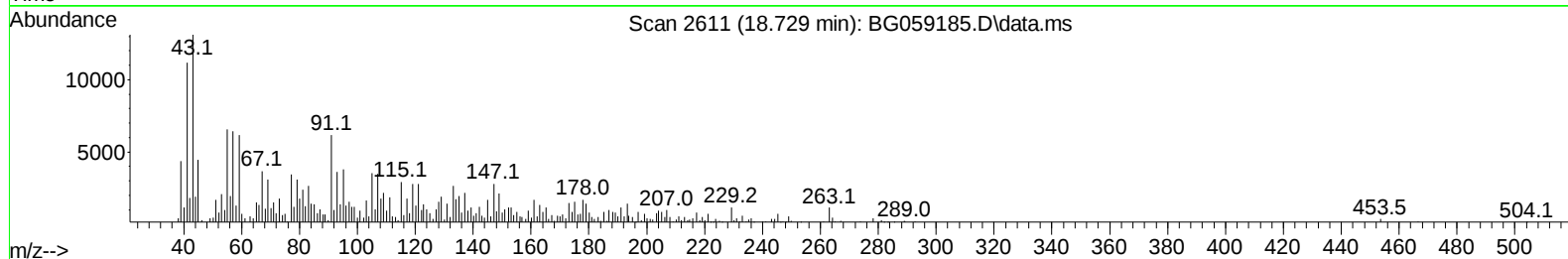
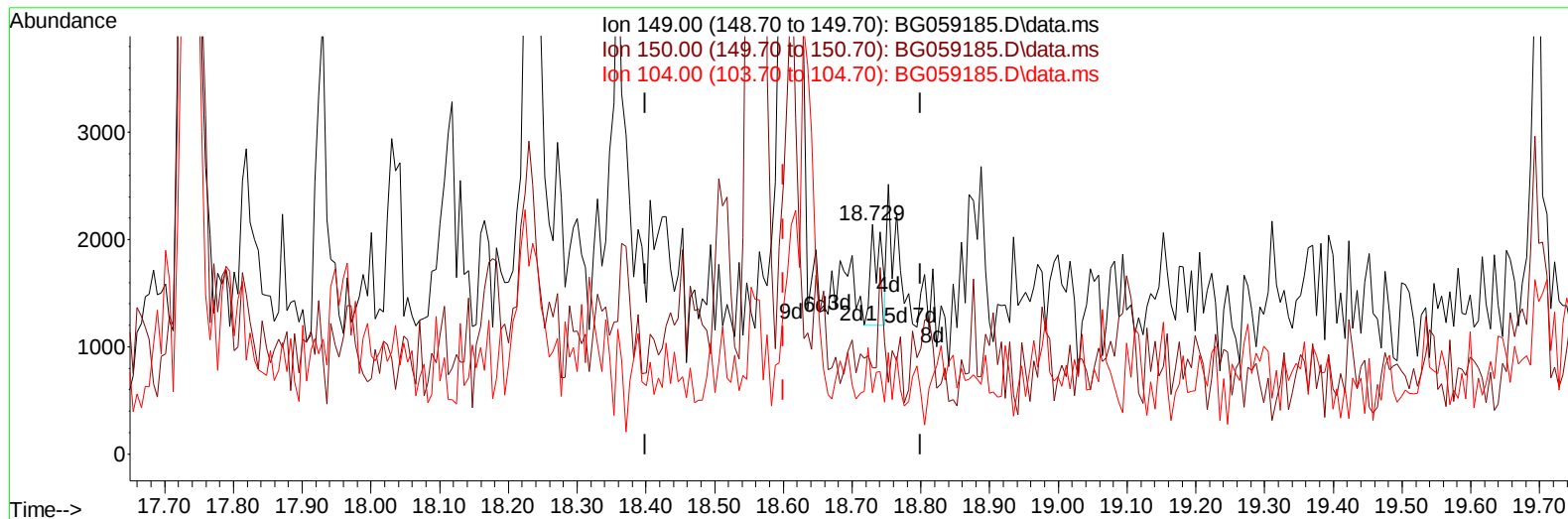
ClientSampleId :

BBKJ4DL

Manual IntegrationsAPPROVED

Quant Time: Sep 26 00:14:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 22:33:28 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/26/2023



TIC: BG059185.D\data.ms

(78) Di-n-butylphthalate**18.729min (+ 0.130) 0.05 ng/ul****response 971**

Ion	Exp%	Act%
149.00	100.00	100.00
150.00	9.30	37.46#
104.00	4.40	26.62#
0.00	0.00	0.00

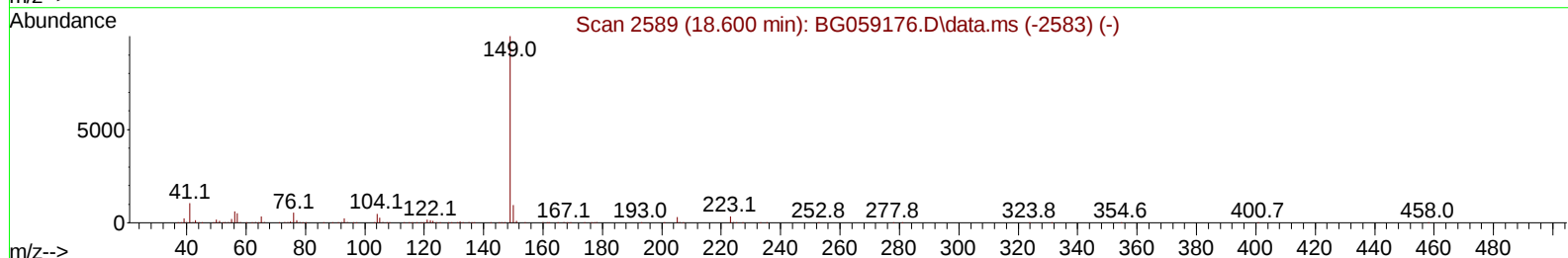
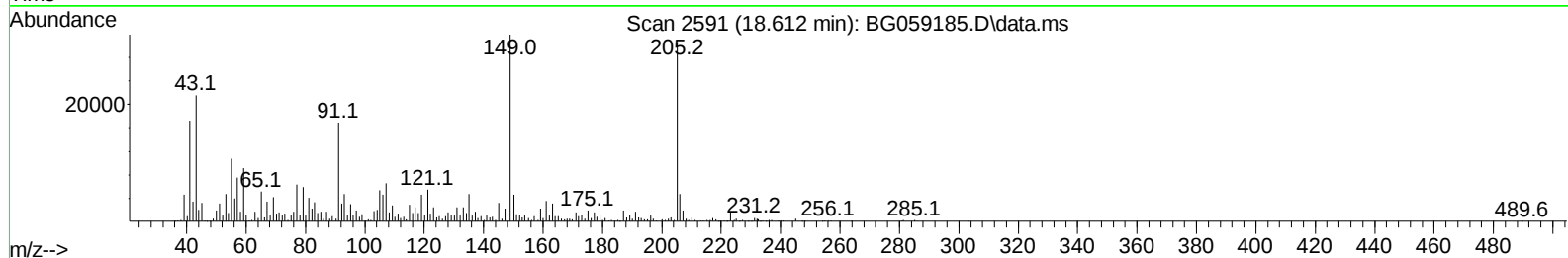
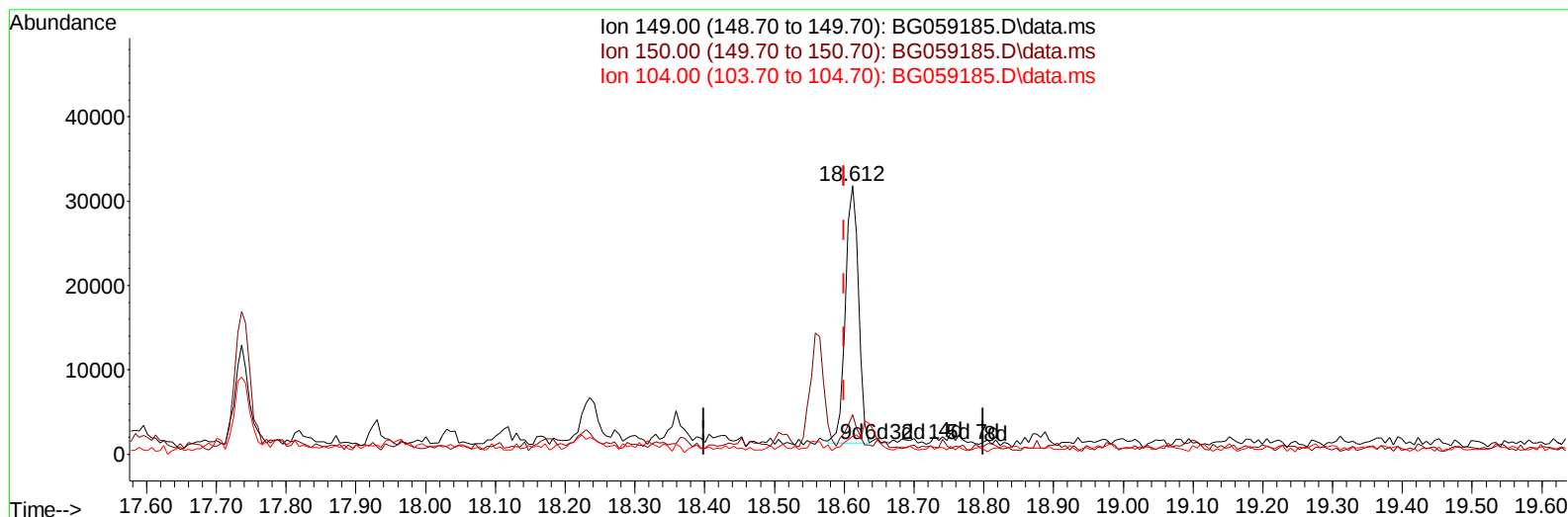
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059185.D
 Acq On : 25 Sep 2023 15:49
 Operator : MA/JU
 Sample : 04429-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKJ4DL

Manual IntegrationsAPPROVED

Quant Time: Sep 26 00:14:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 22:33:28 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/26/2023



TIC: BG059185.D\data.ms

(78) Di-n-butylphthalate

18.612min (+ 0.012) 2.11 ng/ul m

response 39733

Ion	Exp%	Act%
149.00	100.00	100.00
150.00	9.30	14.66#
104.00	4.40	6.72#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059185.D
 Acq On : 25 Sep 2023 15:49
 Operator : MA/JU
 Sample : 04429-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKJ4DL

Manual IntegrationsAPPROVED

Quant Time: Sep 26 00:17:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	49258	20.000	ng/ul	# 0.01
20) Naphthalene-d8	11.167	136	238175	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.945	164	146290	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.695	188	322238m	20.000	ng/ul	0.01
79) Chrysene-d12	22.025	240	271149	20.000	ng/ul	0.02
88) Perylene-d12	25.598	264	319110	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	4.070	84	23319	6.316	ng/ul	0.01
7) Phenol-d5	7.454	99	27019	5.578	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.636	67	59299	19.951	ng/ul	0.01
11) 2-Chlorophenol-d4	7.842	132	58808	16.453	ng/ul	0.02
15) 4-Methylphenol-d8	9.023	113	44099	11.432	ng/ul	0.02
21) Nitrobenzene-d5	9.522	128	36661	19.947	ng/ul	0.02
24) 2-Nitrophenol-d4	10.239	143	38313	20.636	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.780	165	70815	20.091	ng/ul	0.03
31) 4-Chloroaniline-d4	11.314	131	43926	7.985	ng/ul	0.02
46) Dimethylphthalate-d6	14.340	166	231168	20.547	ng/ul	0.01
49) Acenaphthylene-d8	14.652	160	277261	20.239	ng/ul	0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.932	176	204366	19.844	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.044	200	46060m	25.142	ng/ul	0.01
73) Anthracene-d10	17.795	188	298581	20.364	ng/ul	0.01
81) Pyrene-d10	20.069	212	349884	22.077	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.345	264	307028	19.704	ng/ul	0.03
Target Compounds						
						Qvalue
12) 2-Chlorophenol	7.871	128	5629	1.544	ng/ul#	78
13) 2-Methylphenol	8.753	108	39050	10.570	ng/ul	95
18) 4-Methylphenol	9.082	108	29182	7.371	ng/ul	87
30) Naphthalene	11.214	128	31991	2.510	ng/ul	98
36) 2-Methylnaphthalene	12.795	142	17367	2.040	ng/ul	92
37) 1-Methylnaphthalene	13.007	142	11318	1.316	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.136	216	4645	1.083	ng/ul#	68
42) 2,4,5-Trichlorophenol	13.471	196	5166	1.705	ng/ul#	83
43) 1,1'-Biphenyl	13.782	154	51298	4.393	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.527	232	20542m	7.326	ng/ul	
59) Diethylphthalate	15.733	149	502532	44.380	ng/ul	99
71) Pentachlorophenol	17.325	266	30492	13.072	ng/ul	93
78) Di-n-butylphthalate	18.612	149	39733m	2.105	ng/ul	

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

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Sep 26 00:17:36 2023
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 Response via : Initial Calibration

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