

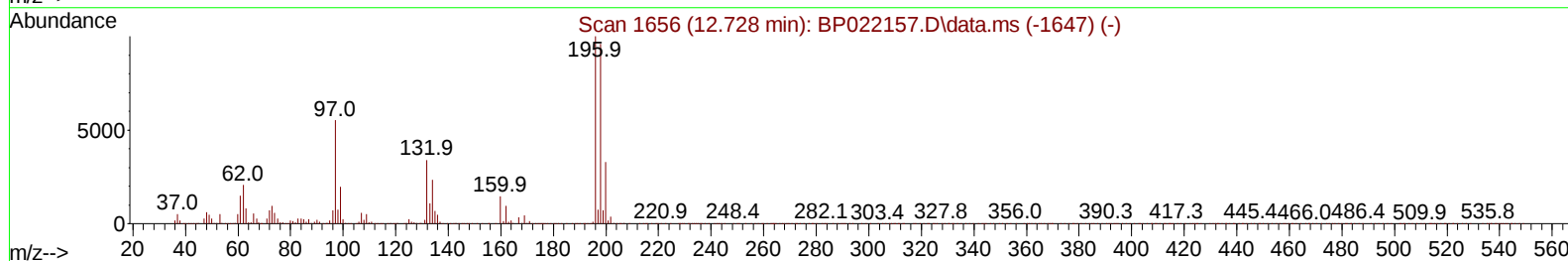
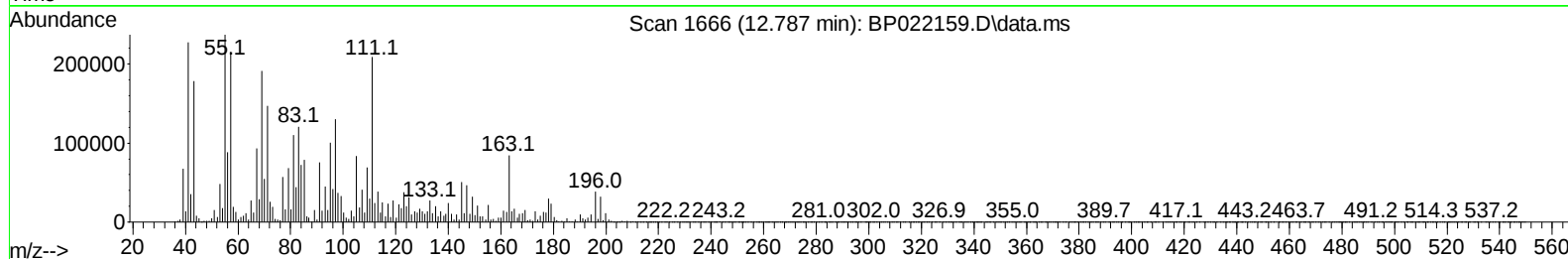
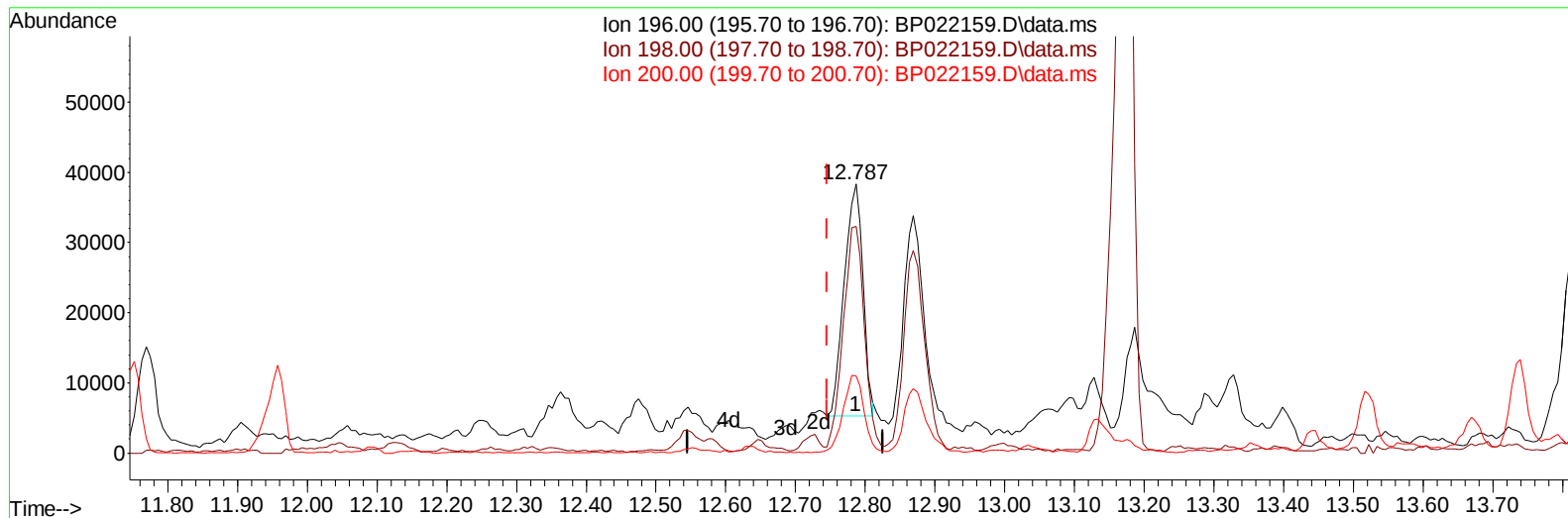
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022159.D
Acq On : 02 Oct 2024 12:44
Operator : RC/JU
Sample : P4016-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:41:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022159.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

12.787min (+ 0.041) 6.44 ng/u1

response 61113

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	97.00	84.36
200.00	30.30	28.64
0.00	0.00	0.00

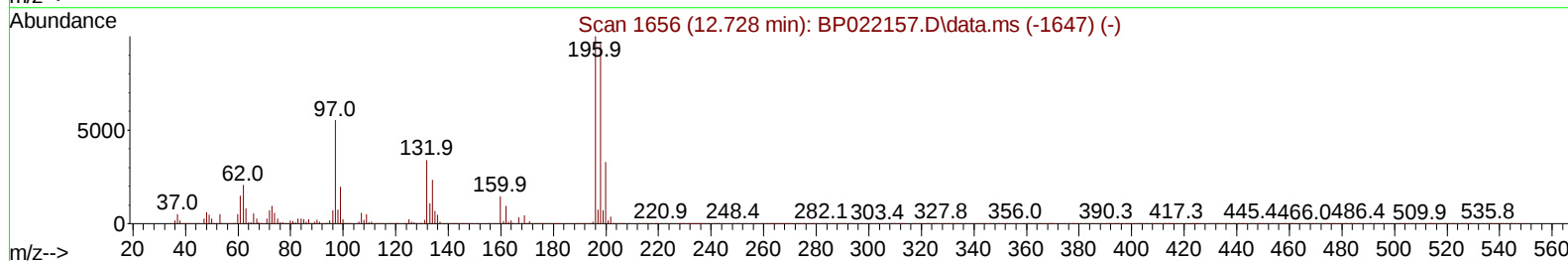
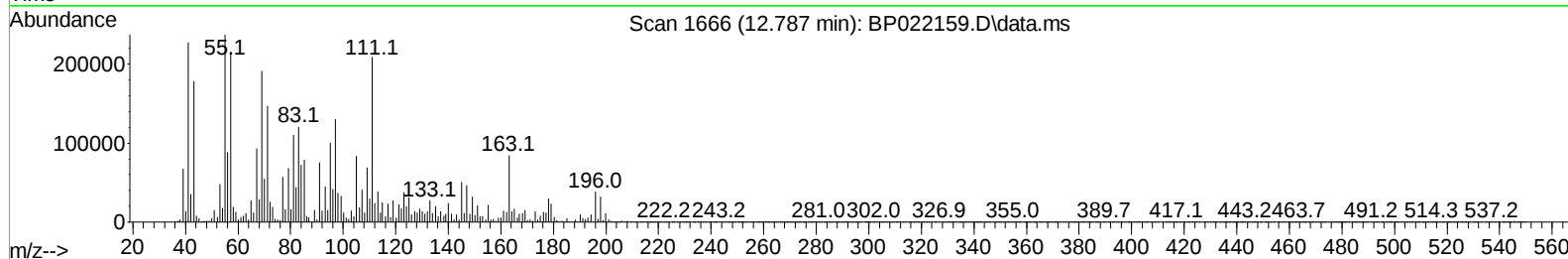
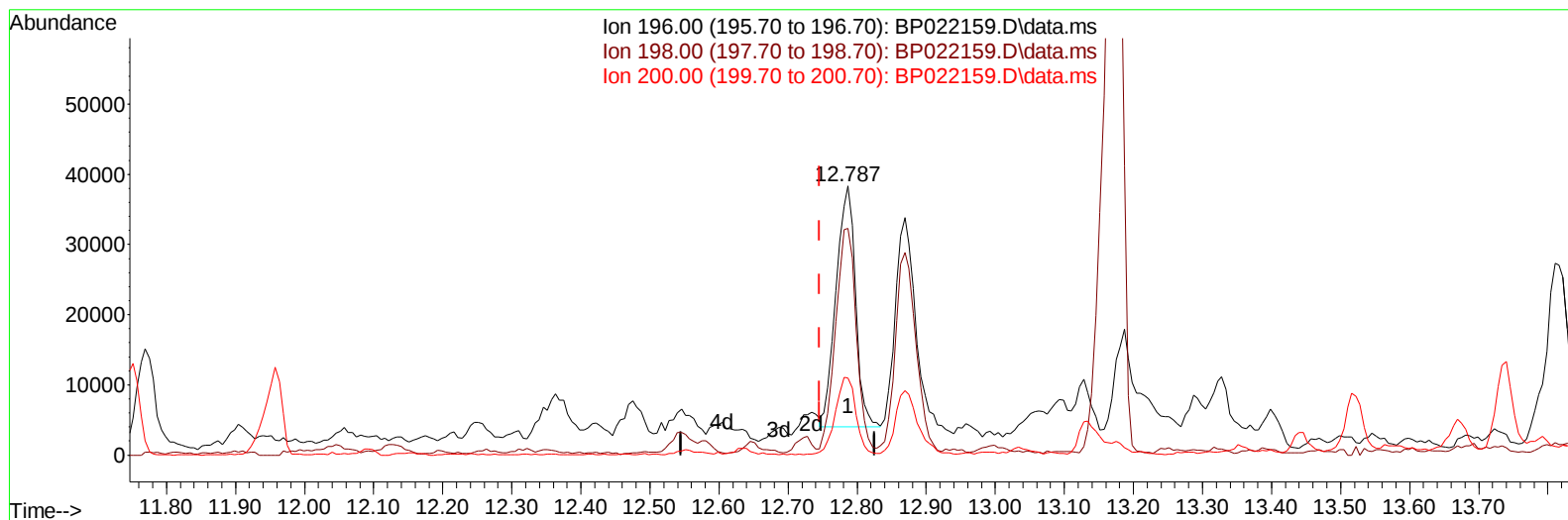
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022159.D
Acq On : 02 Oct 2024 12:44
Operator : RC/JU
Sample : P4016-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:41:38 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022159.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

12.787min (+ 0.041) 7.10 ng/ul m

response 67392

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	97.00	84.36
200.00	30.30	28.64
0.00	0.00	0.00

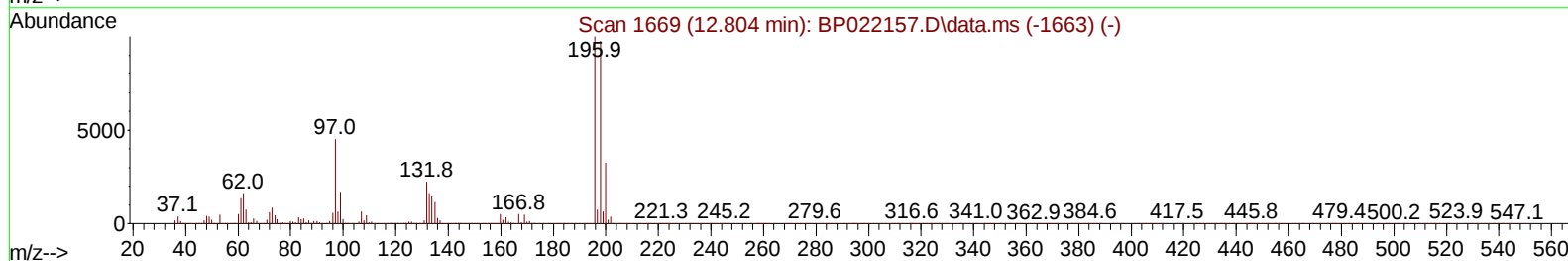
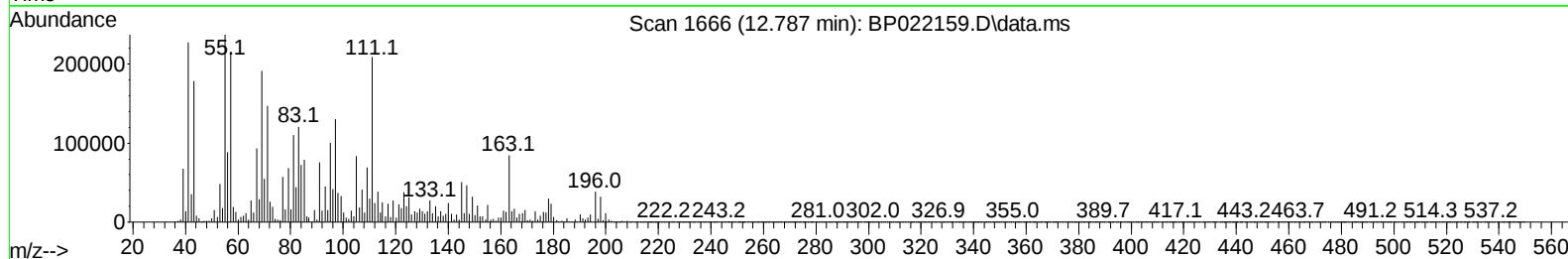
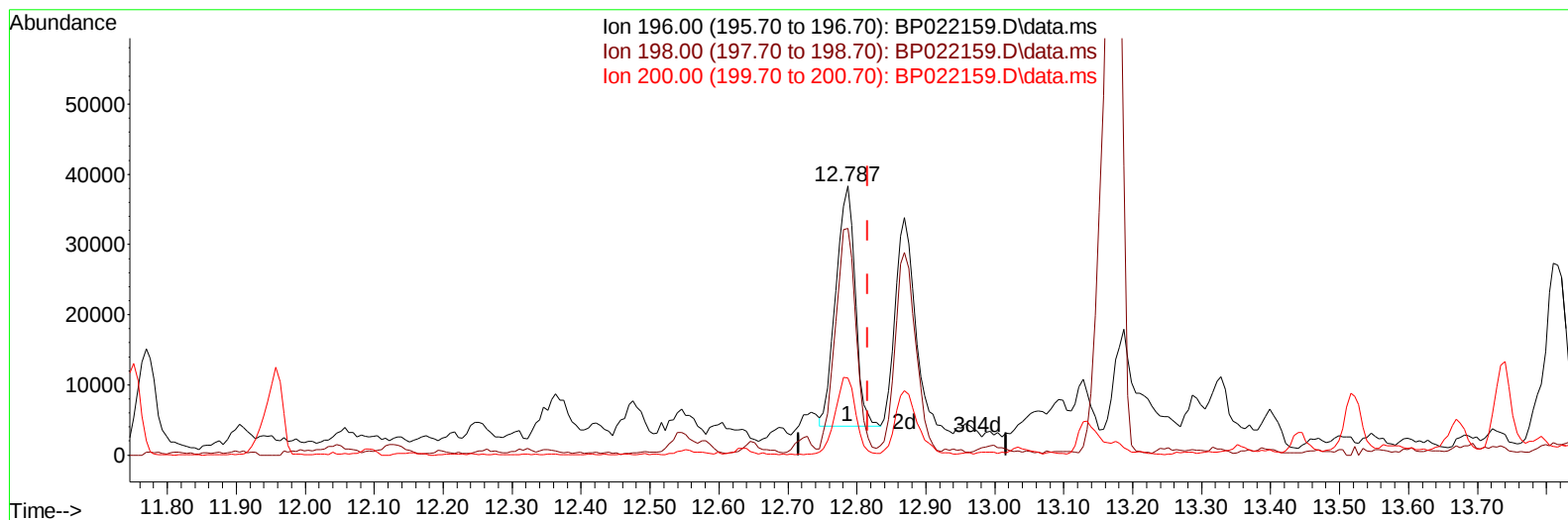
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022159.D
Acq On : 02 Oct 2024 12:44
Operator : RC/JU
Sample : P4016-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:41:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
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Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022159.D\data.ms

(42) 2,4,5-Trichlorophenol

12.787min (-0.029) 6.49 ng/u1

response 66703

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	97.70	84.36
200.00	32.60	28.64
0.00	0.00	0.00

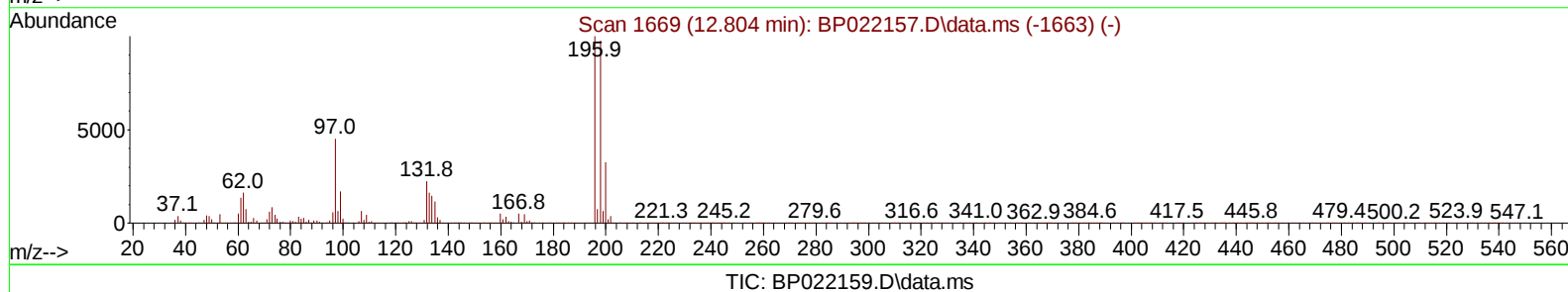
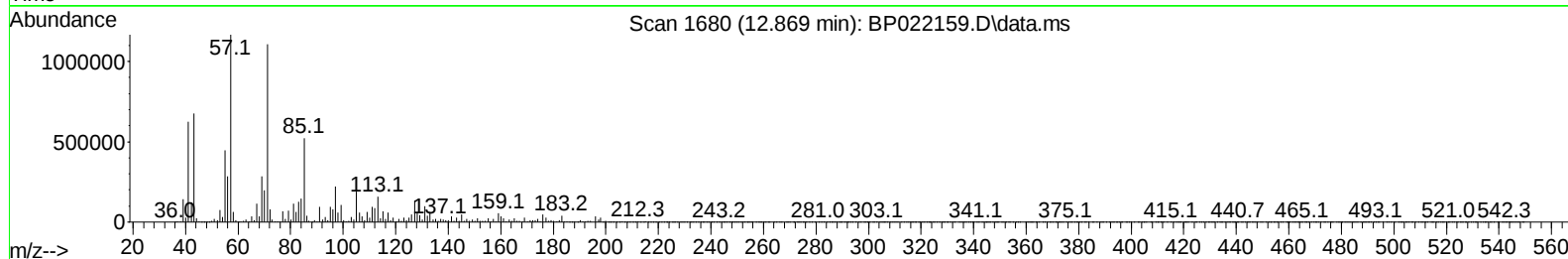
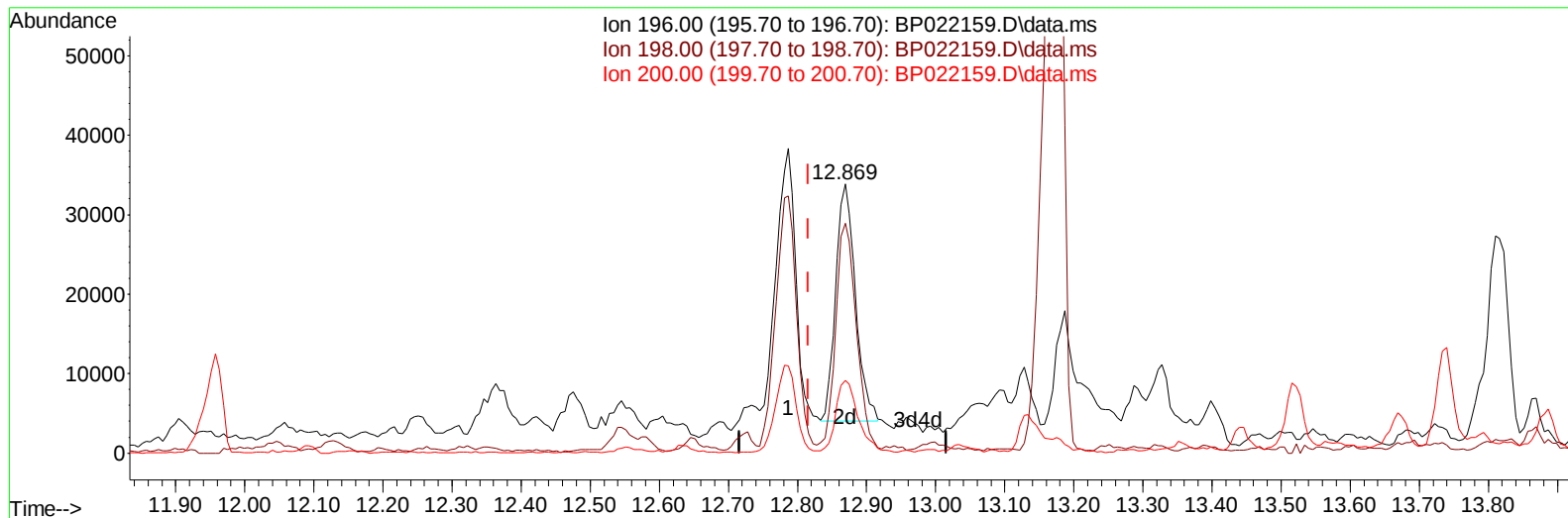
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022159.D
Acq On : 02 Oct 2024 12:44
Operator : RC/JU
Sample : P4016-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:41:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



(42) 2,4,5-Trichlorophenol

12.869min (+ 0.053) 5.78 ng/ul m

response 59410

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	97.70	85.41
200.00	32.60	27.07
0.00	0.00	0.00

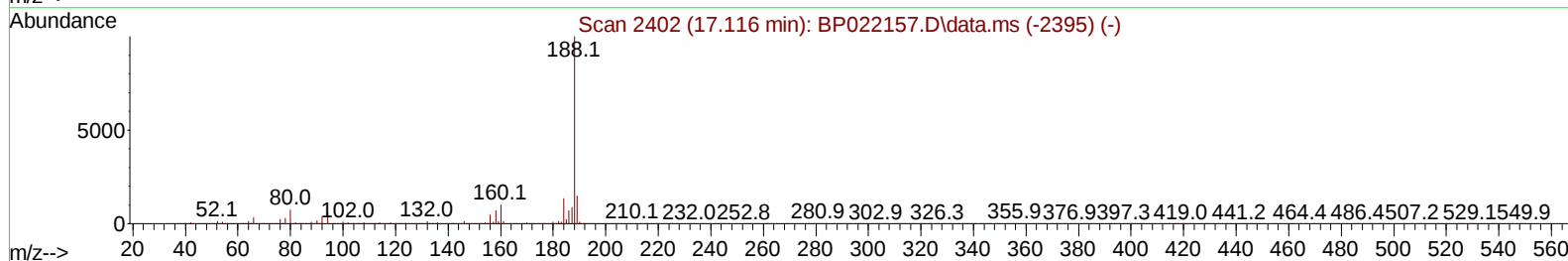
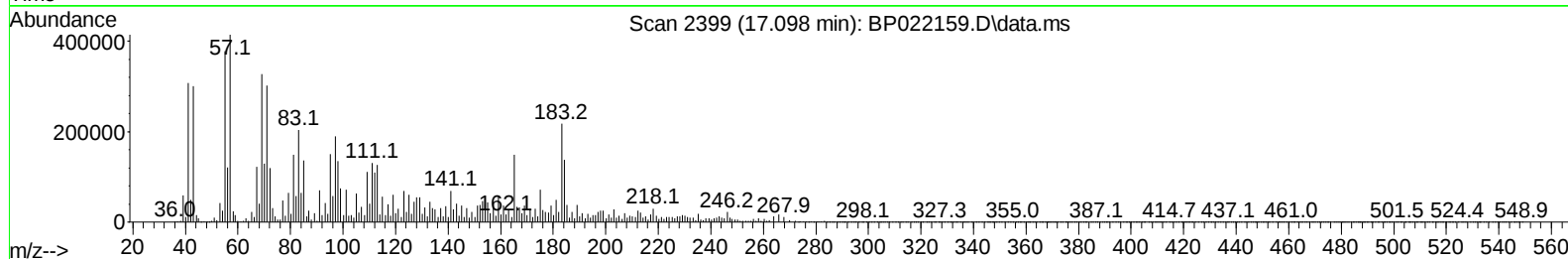
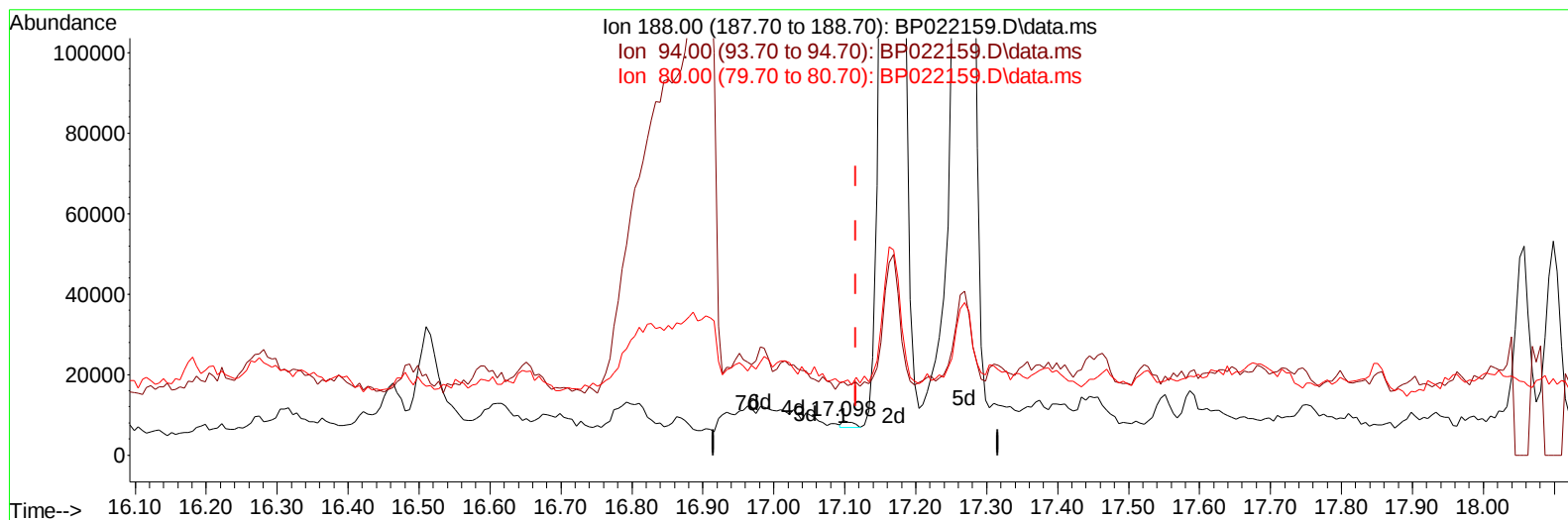
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022159.D
Acq On : 02 Oct 2024 12:44
Operator : RC/JU
Sample : P4016-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:41:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
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Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022159.D\data.ms

(64) Phenanthrene-d10 (I)

17.098min (-0.017) 20.00 ng/u1

response 1875

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.60	211.85#
80.00	8.10	213.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022159.D
 Acq On : 02 Oct 2024 12:44
 Operator : RC/JU
 Sample : P4016-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

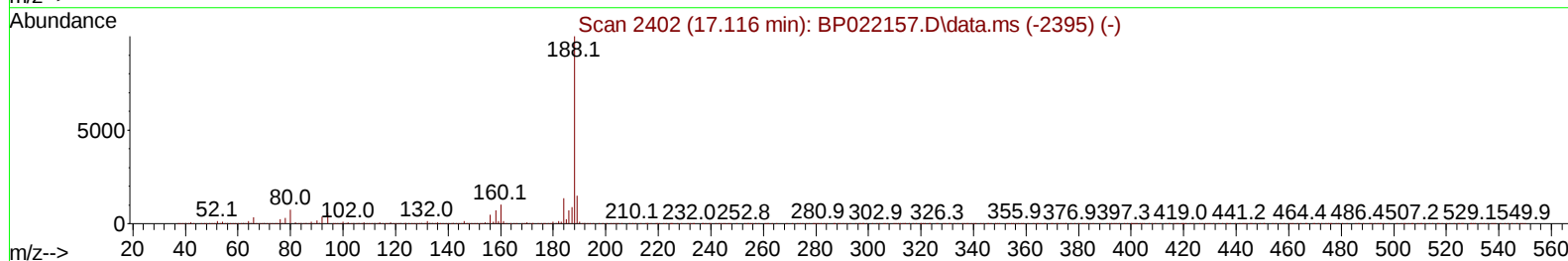
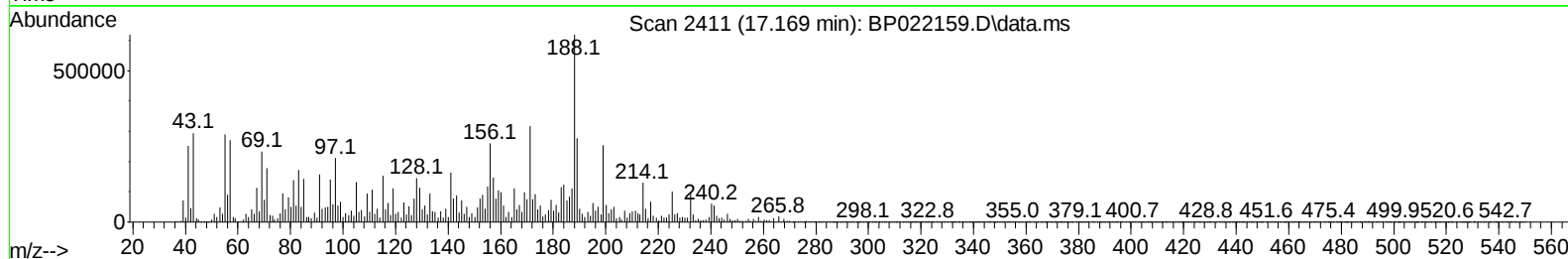
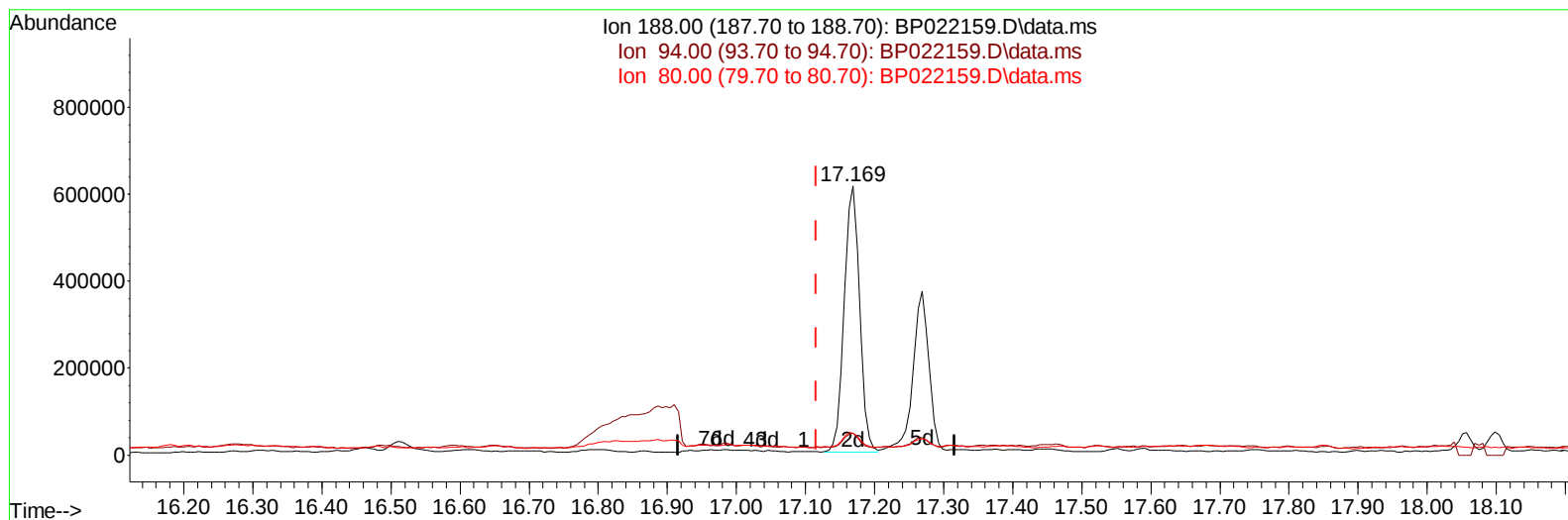
ClientSampleId :

DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:41:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024



TIC: BP022159.D\data.ms

(64) Phenanthrene-d10 (I)

17.169min (+ 0.053) 20.00 ng/ul m

response 948437

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.60	8.07#
80.00	8.10	8.25
0.00	0.00	0.00

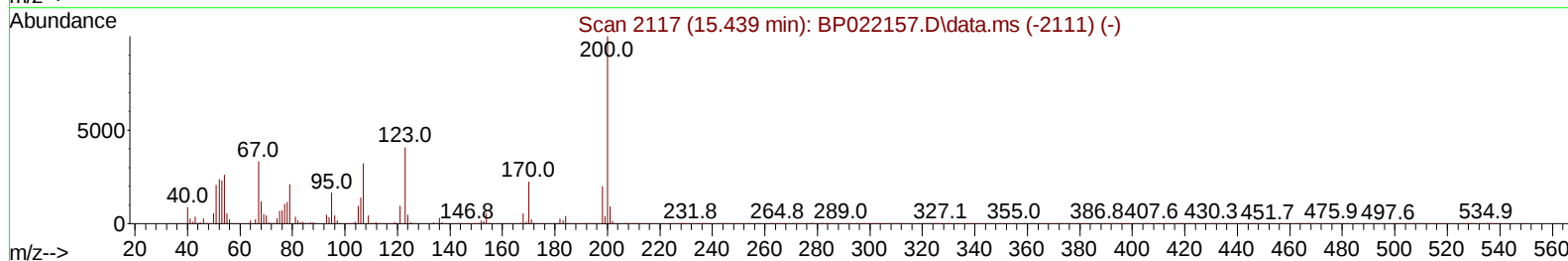
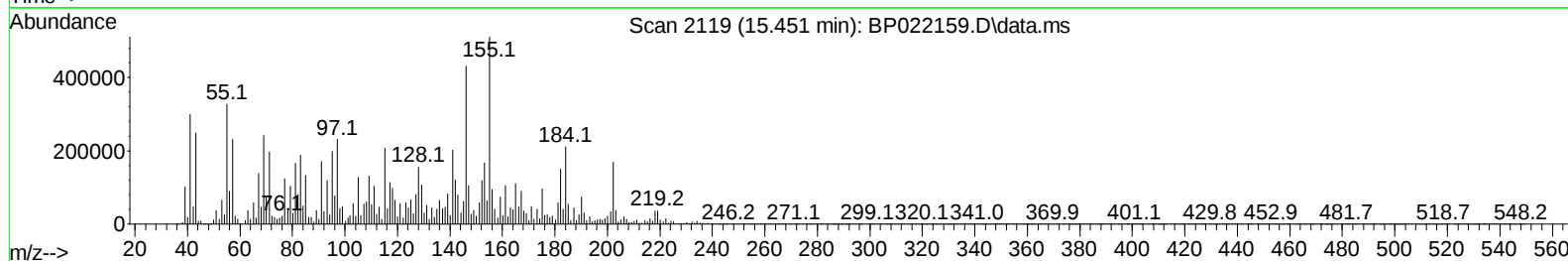
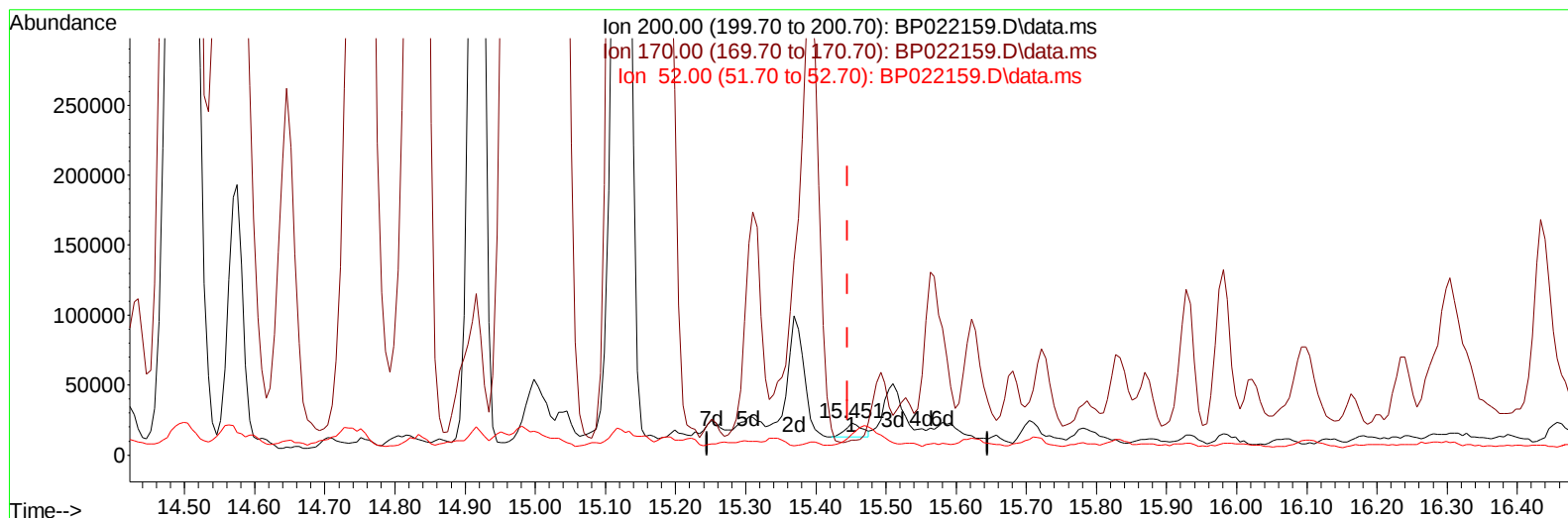
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022159.D
 Acq On : 02 Oct 2024 12:44
 Operator : RC/JU
 Sample : P4016-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:48:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
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Reviewed By :Yogesh Patel 10/04/2024
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TIC: BP022159.D\data.ms

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

15.451min (+ 0.006) 2.90 ng/u1

response 17049

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	47.10#
52.00	32.40	64.11#
0.00	0.00	0.00

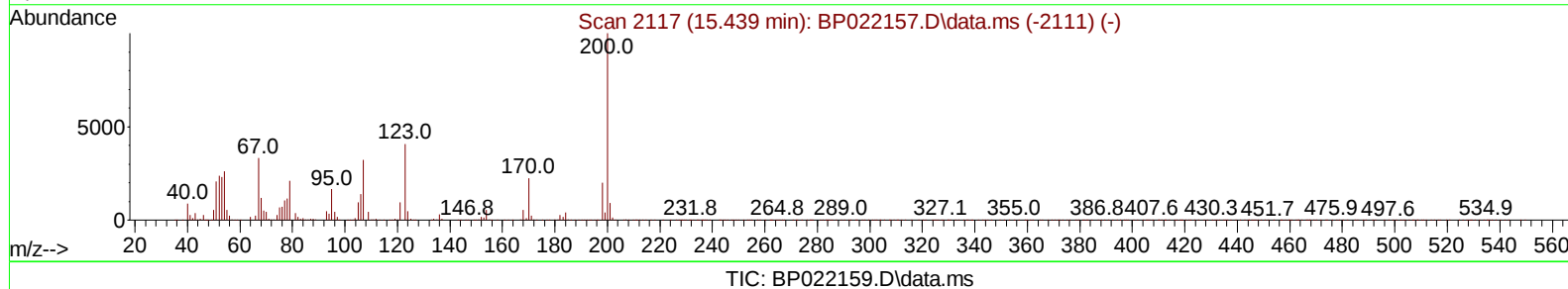
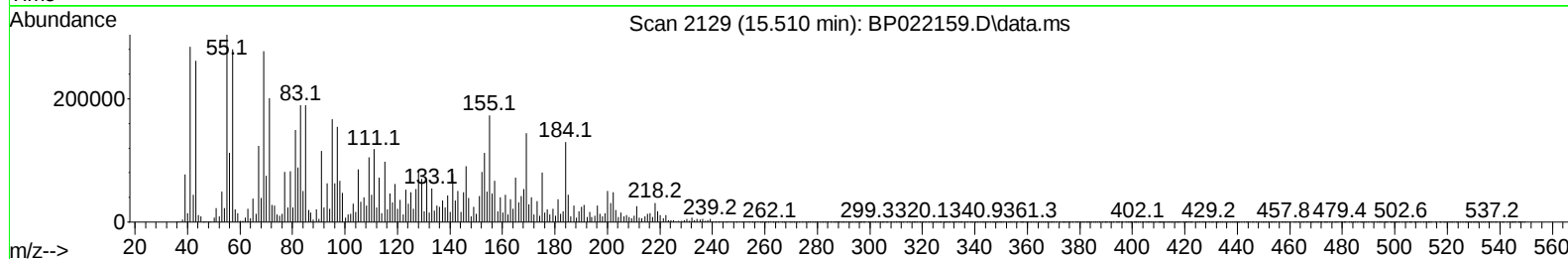
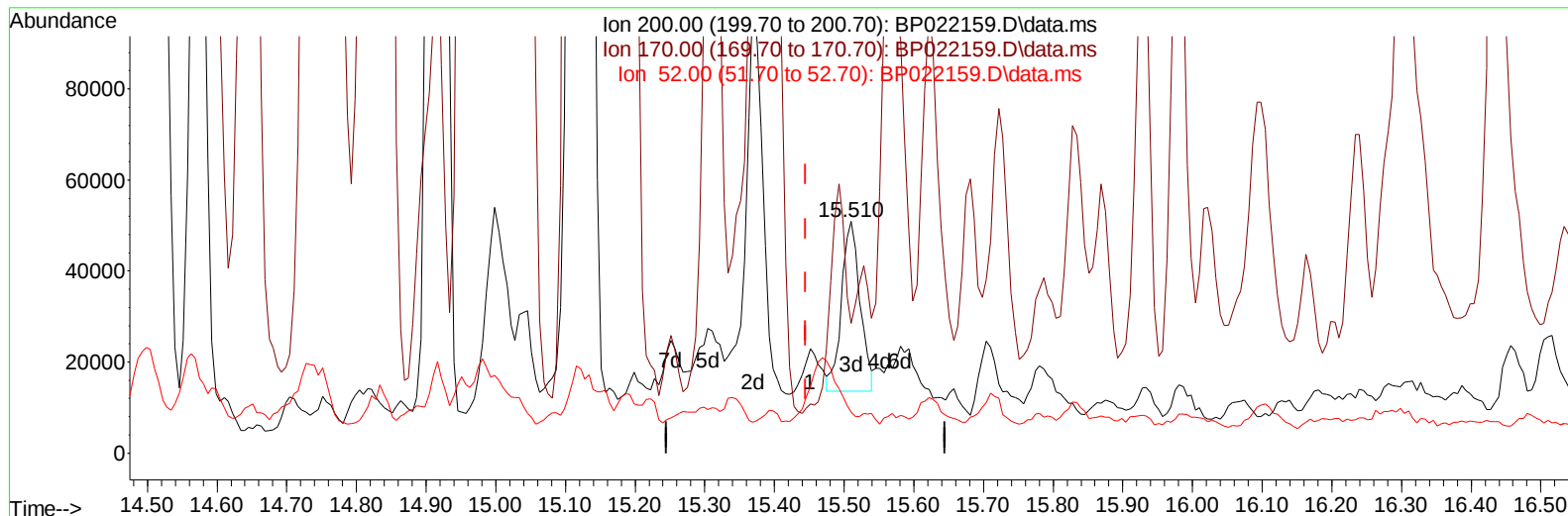
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Data File : BP022159.D
Acq On : 02 Oct 2024 12:44
Operator : RC/JU
Sample : P4016-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:48:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



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

15.510min (+ 0.065) 11.73 ng/ul m

response 69096

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	55.95#
52.00	32.40	17.76#
0.00	0.00	0.00

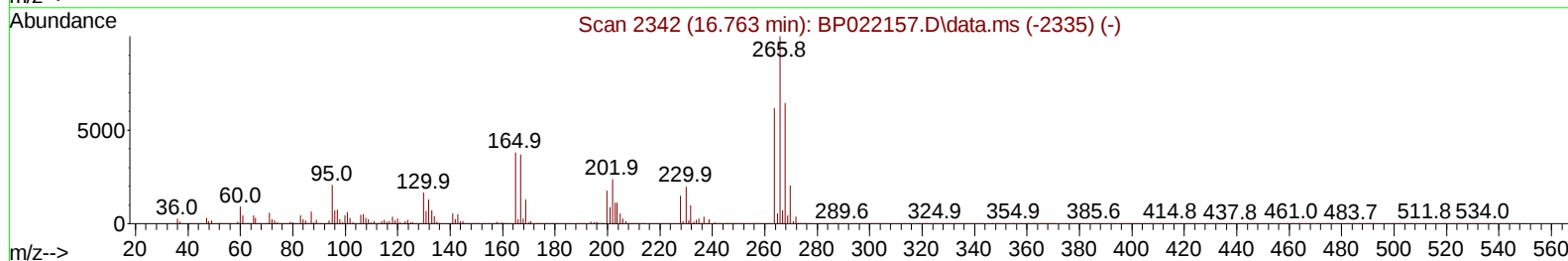
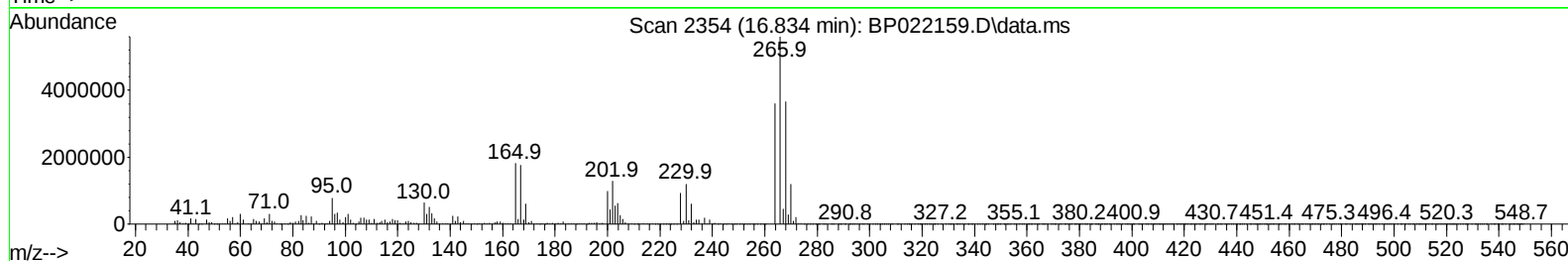
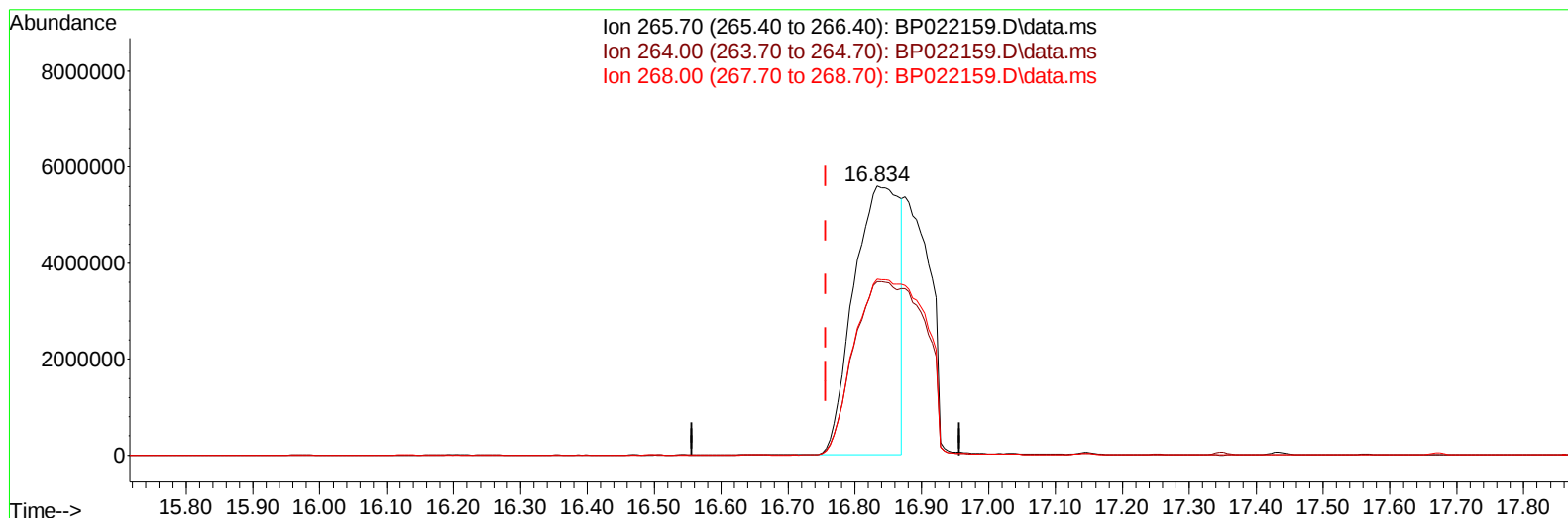
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022159.D
Acq On : 02 Oct 2024 12:44
Operator : RC/JU
Sample : P4016-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCVW2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 02 13:48:07 2024
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QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration



TIC: BP022159.D\data.ms

(71) Pentachlorophenol (C)

16.834min (+ 0.077) 2871.08 ng/u1

response 26491649

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.80	64.46
268.00	64.20	65.37
0.00	0.00	0.00

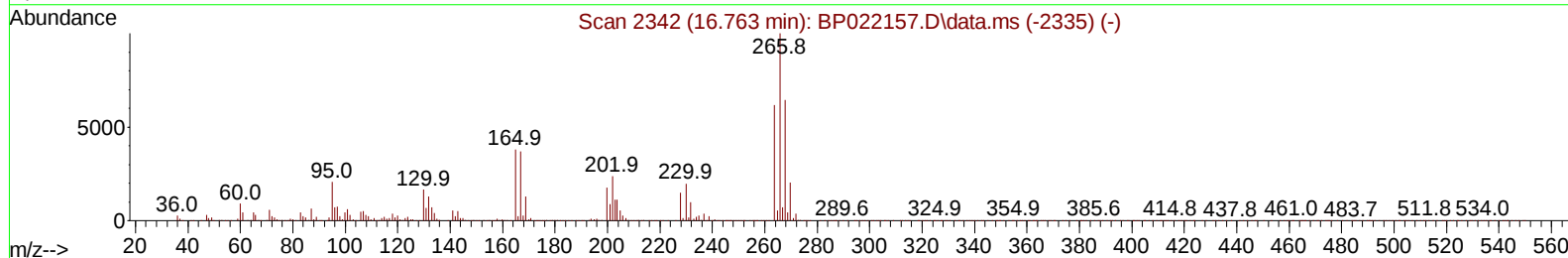
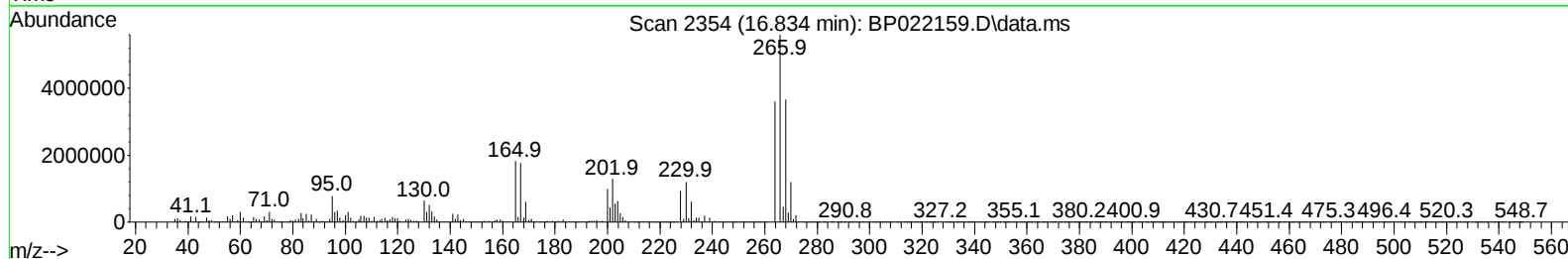
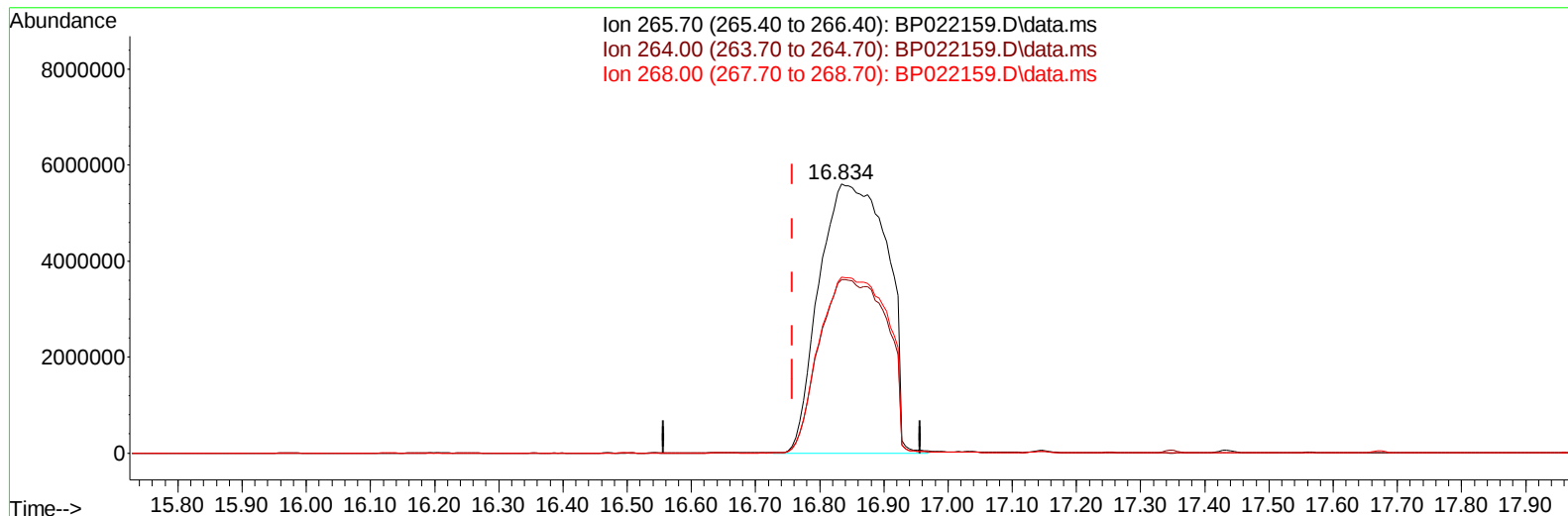
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022159.D
Acq On : 02 Oct 2024 12:44
Operator : RC/JU
Sample : P4016-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:48:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022159.D\data.ms

(71) Pentachlorophenol (C)

16.834min (+ 0.077) 4452.42 ng/ul m

response 41082825

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.80	64.46
268.00	64.20	65.37
0.00	0.00	0.00

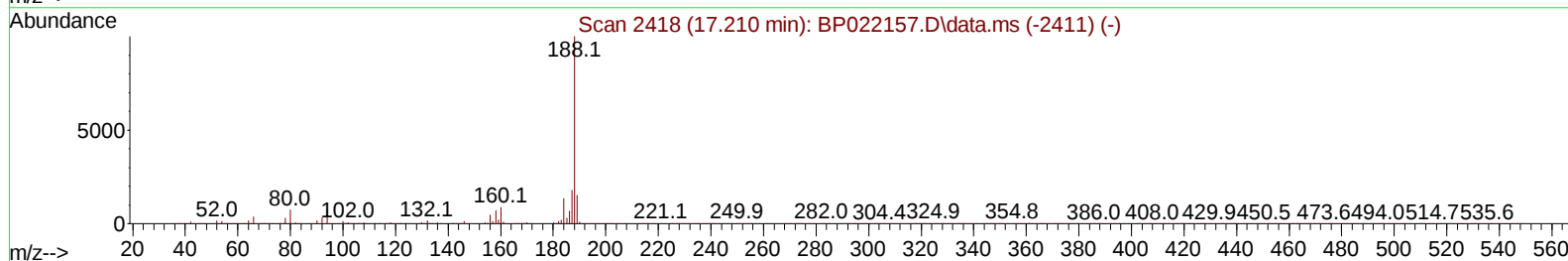
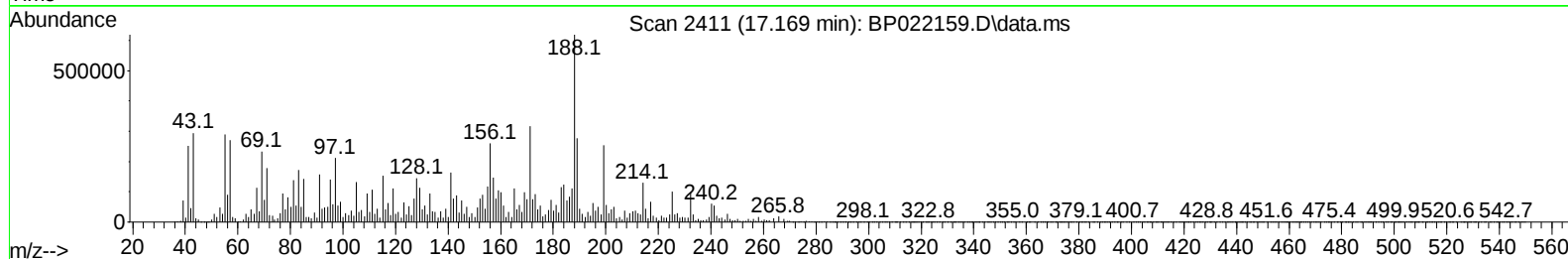
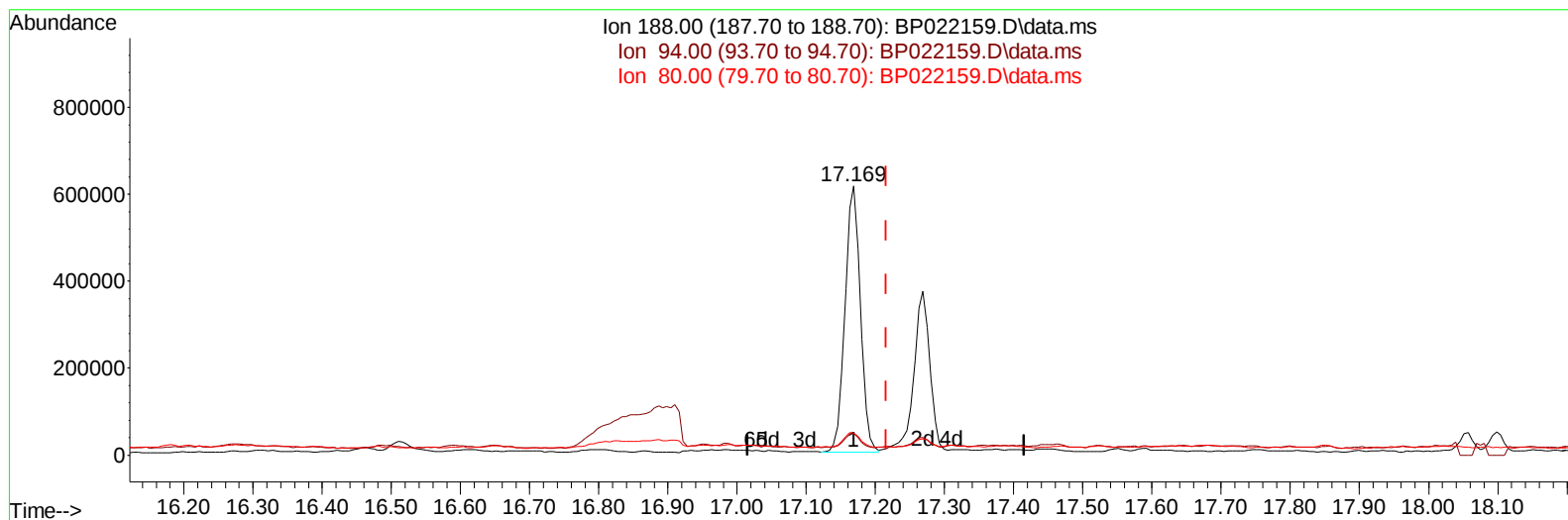
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
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Instrument :
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Manual IntegrationsAPPROVED

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 QLast Update : Tue Sep 24 15:23:13 2024
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Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024



TIC: BP022159.D\data.ms

(73) Anthracene-d10 (S)

17.169min (-0.047) 21.43 ng/u1

response 948704

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.50	8.07
80.00	8.00	8.25
0.00	0.00	0.00

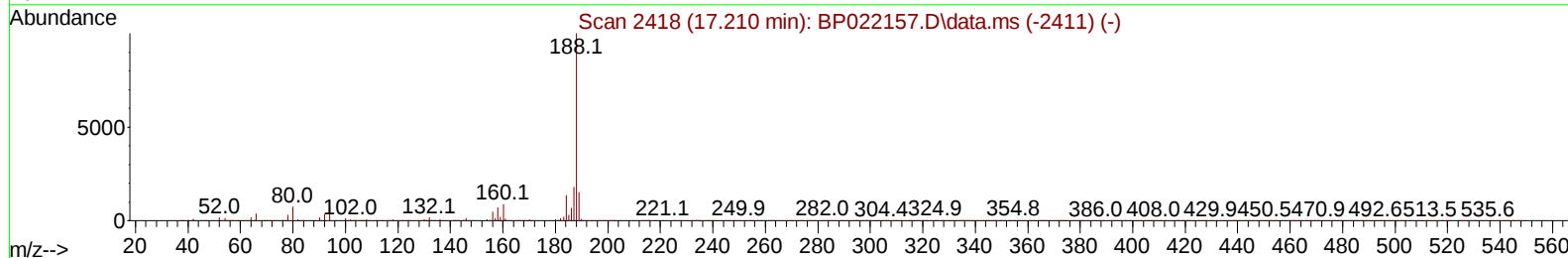
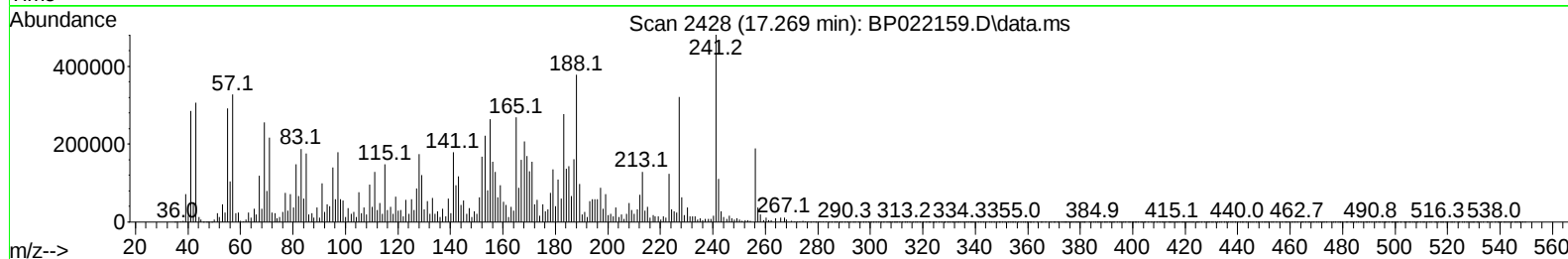
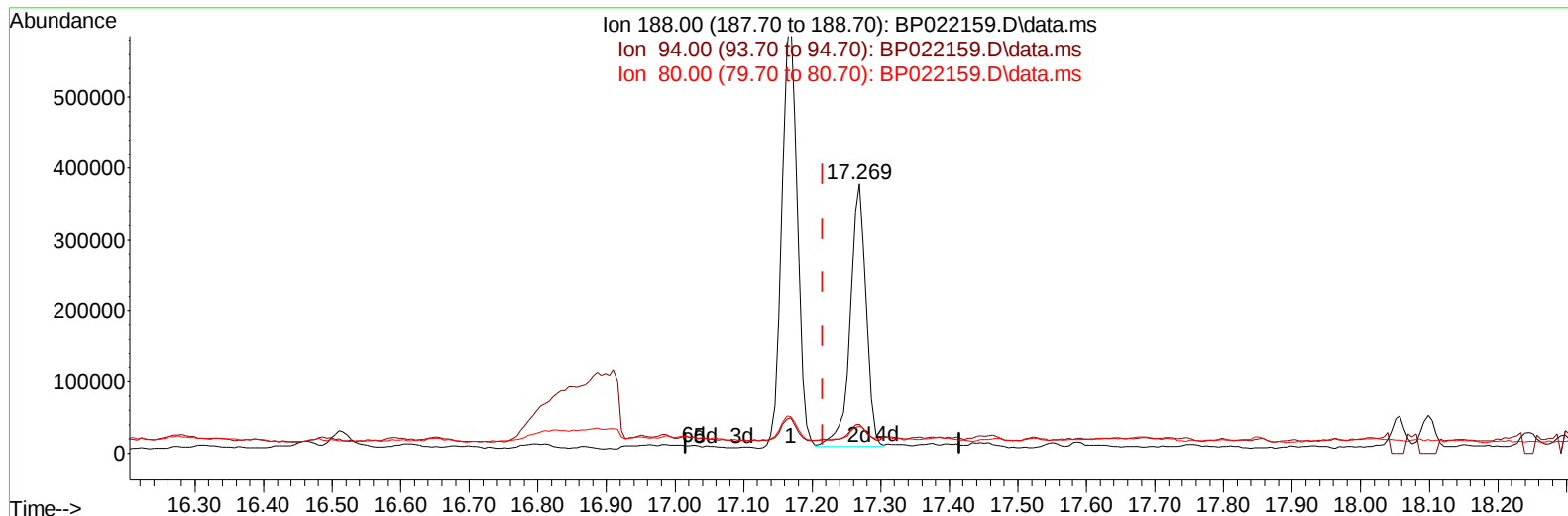
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022159.D
Acq On : 02 Oct 2024 12:44
Operator : RC/JU
Sample : P4016-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:48:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022159.D\data.ms

(73) Anthracene-d10 (S)

17.269min (+ 0.053) 13.36 ng/ul m

response 591425

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.50	10.78#
80.00	8.00	10.03#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022159.D
 Acq On : 02 Oct 2024 12:44
 Operator : RC/JU
 Sample : P4016-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCVW2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 02 14:01:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	137678	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	532002	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.334	164	428100	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.169	188	948437m	20.000	ng/ul	0.05
79) Chrysene-d12	21.563	240	942253	20.000	ng/ul	0.02
88) Perylene-d12	24.857	264	1158861	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	3737	1.063	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.946	99	141353	12.551	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.058	67	120003	17.304	ng/ul	0.01
11) 2-Chlorophenol-d4	7.275	132	70380	8.637	ng/ul	0.03
15) 4-Methylphenol-d8	8.393	113	386109	43.266	ng/ul	-0.01
21) Nitrobenzene-d5	8.858	128	42579	10.693	ng/ul	0.01
24) 2-Nitrophenol-d4	9.575	143	55433	12.278	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.146	165	83769	8.544	ng/ul	0.05
31) 4-Chloroaniline-d4	10.599	131	546417	46.708	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	426759	12.896	ng/ul	0.01
49) Acenaphthylene-d8	14.022	160	418699	11.950	ng/ul	0.02
54) 4-Nitrophenol-d4	14.569	143	147544	26.066	ng/ul	0.04
60) Fluorene-d10	15.345	176	393032	13.427	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.510	200	69096m	11.734	ng/ul	0.06
73) Anthracene-d10	17.269	188	591425m	13.357	ng/ul	0.05
81) Pyrene-d10	19.610	212	624107	12.785	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.616	264	391556	6.424	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.534	128	3264841	116.632	ng/ul#	94
36) 2-Methylnaphthalene	12.151	142	6045815	290.626	ng/ul	99
37) 1-Methylnaphthalene	12.369	142	3567291	170.031	ng/ul	99
41) 2,4,6-Trichlorophenol	12.787	196	67392m	7.103	ng/ul	
42) 2,4,5-Trichlorophenol	12.869	196	59410m	5.782	ng/ul	
43) 1,1'-Biphenyl	13.151	154	691827	22.599	ng/ul#	85
52) Acenaphthene	14.398	153	205165	7.728	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.010	232	9362449	946.609	ng/ul	93
61) Fluorene	15.404	166	480122	14.627	ng/ul#	86
71) Pentachlorophenol	16.834	266	41082825m	4452.424	ng/ul	
72) Phenanthrene	17.210	178	2477814	49.827	ng/ul	96
80) Fluoranthene	19.269	202	244857	4.388	ng/ul#	76
86) Bis(2-ethylhexyl)phtha...	21.475	149	188140	6.126	ng/ul#	80

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022159.D
 Acq On : 02 Oct 2024 12:44
 Operator : RC/JU
 Sample : P4016-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCVW2

Manual IntegrationsAPPROVED

Quant Time: Oct 02 14:01:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

