

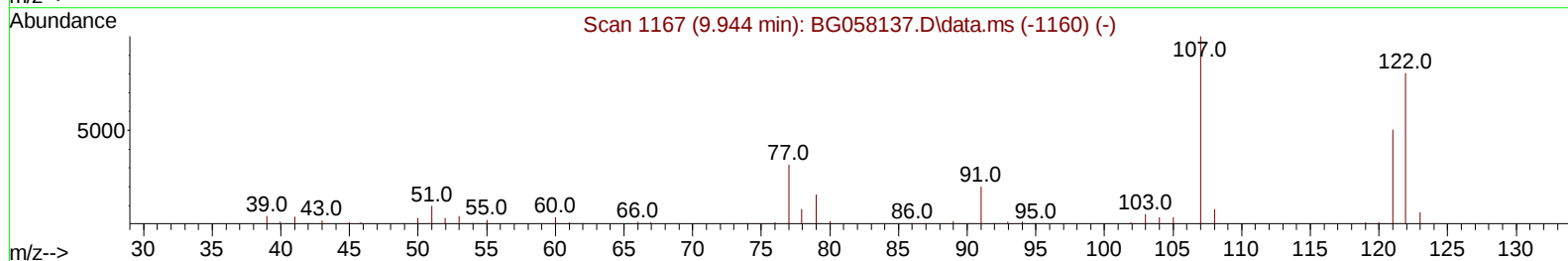
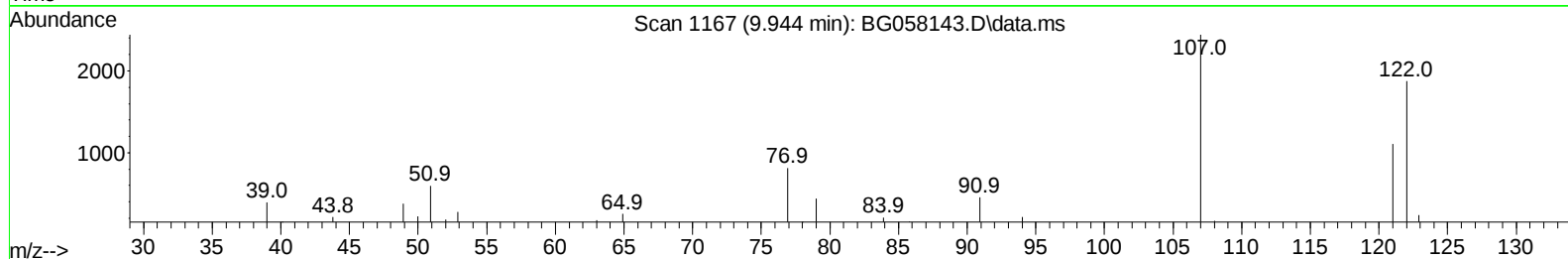
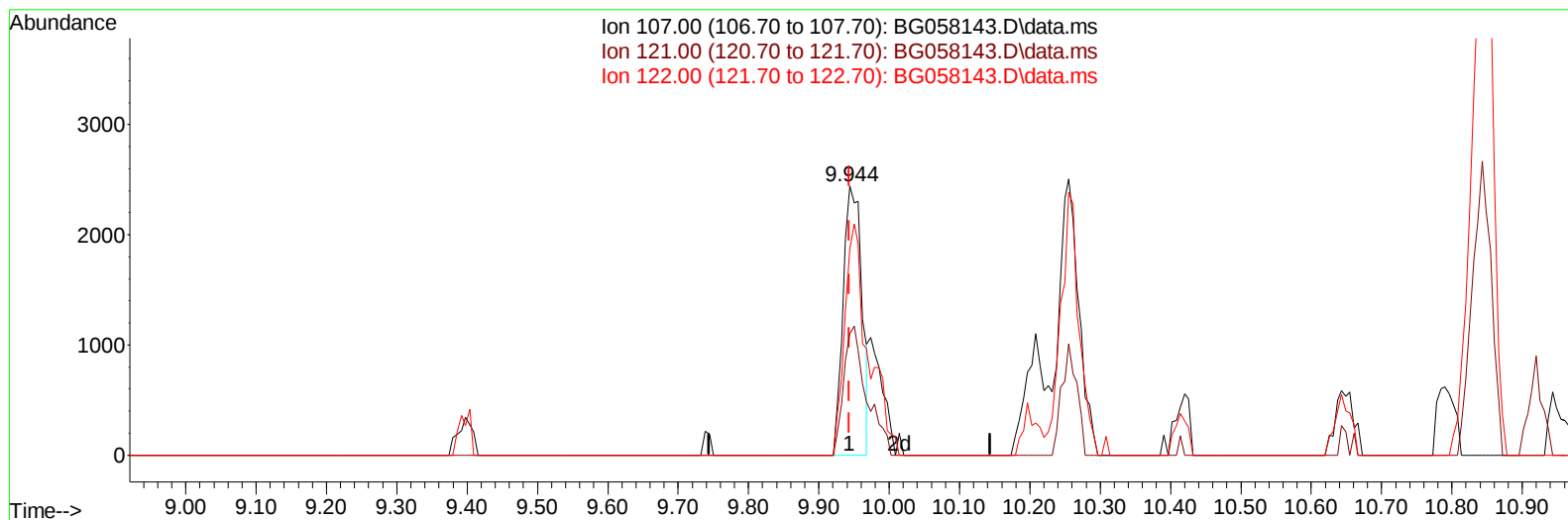
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058143.D
 Acq On : 10 Jul 2023 15:41
 Operator : CG/JU
 Sample : 03385-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:27:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058143.D\data.ms

(26) 2,4-Dimethylphenol

9.944min (+ 0.000) 0.93 ng/u1

response 4478

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	50.70	45.25
122.00	83.90	76.70
0.00	0.00	0.00

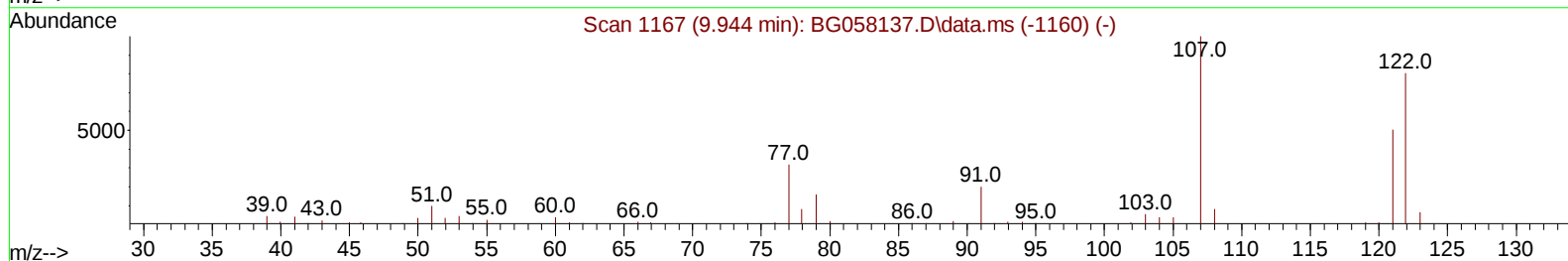
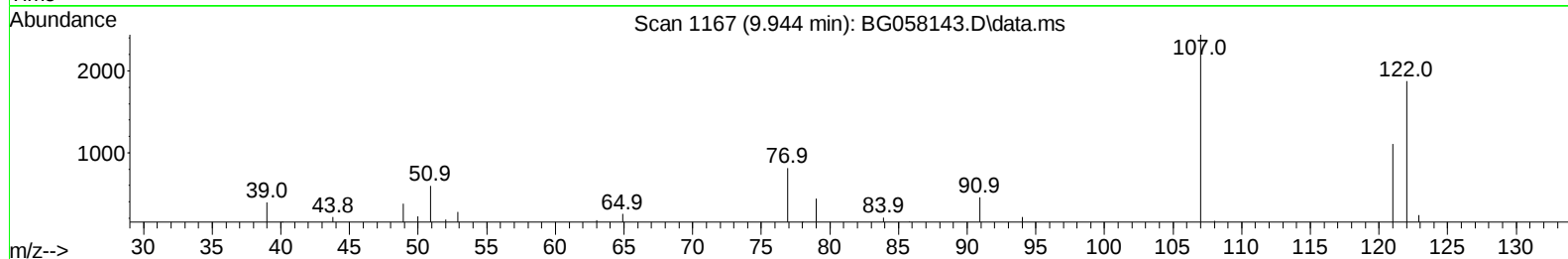
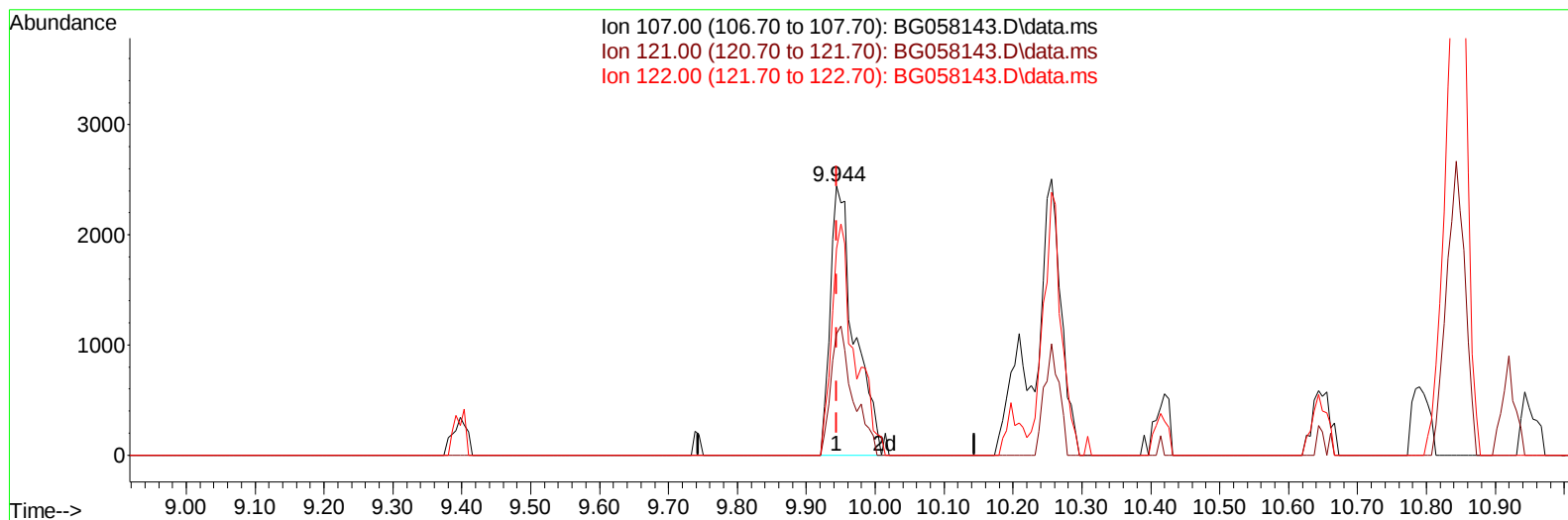
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058143.D
Acq On : 10 Jul 2023 15:41
Operator : CG/JU
Sample : 03385-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:27:38 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BG058143.D\data.ms

(26) 2,4-Dimethylphenol

9.944min (+ 0.000) 1.23 ng/ul m

response 5914

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	50.70	45.25
122.00	83.90	76.70
0.00	0.00	0.00

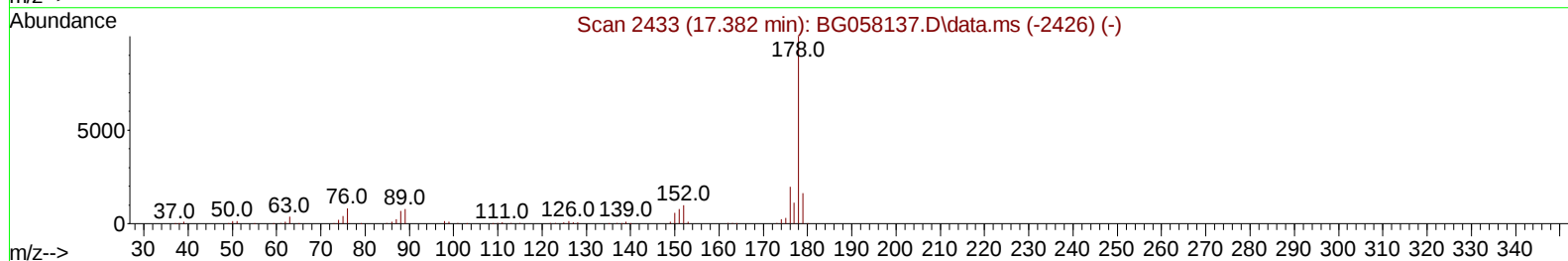
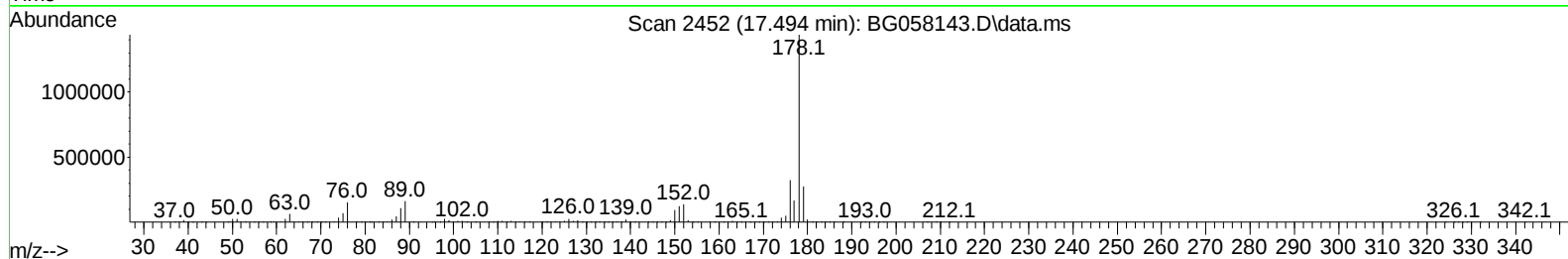
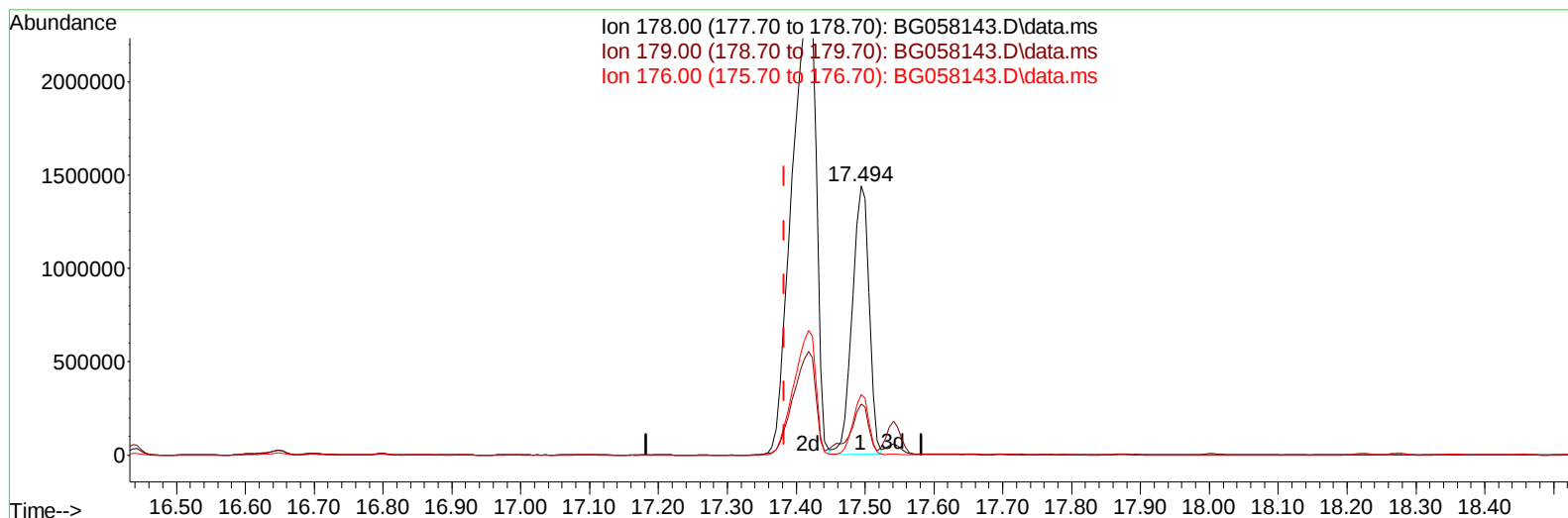
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058143.D
 Acq On : 10 Jul 2023 15:41
 Operator : CG/JU
 Sample : 03385-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:28:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058143.D\data.ms

(72) Phenanthrene

17.494min (+ 0.112) 140.59 ng/u1

response 2450788

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	19.05
176.00	19.60	22.46
0.00	0.00	0.00

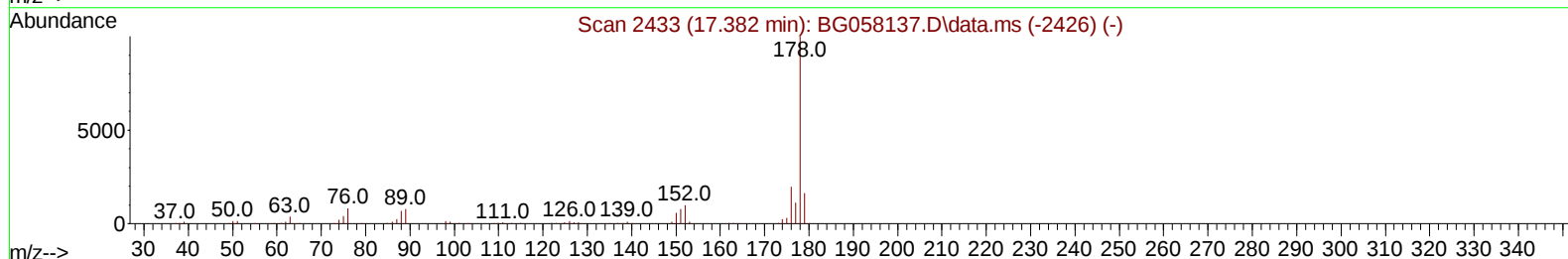
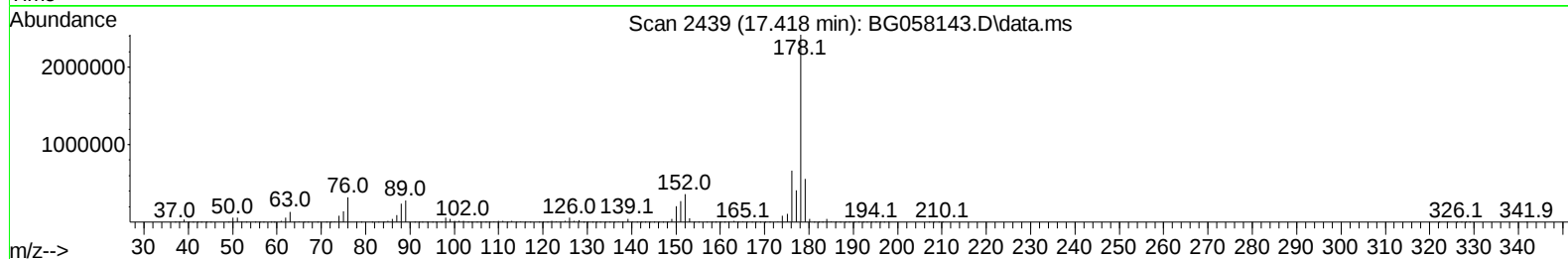
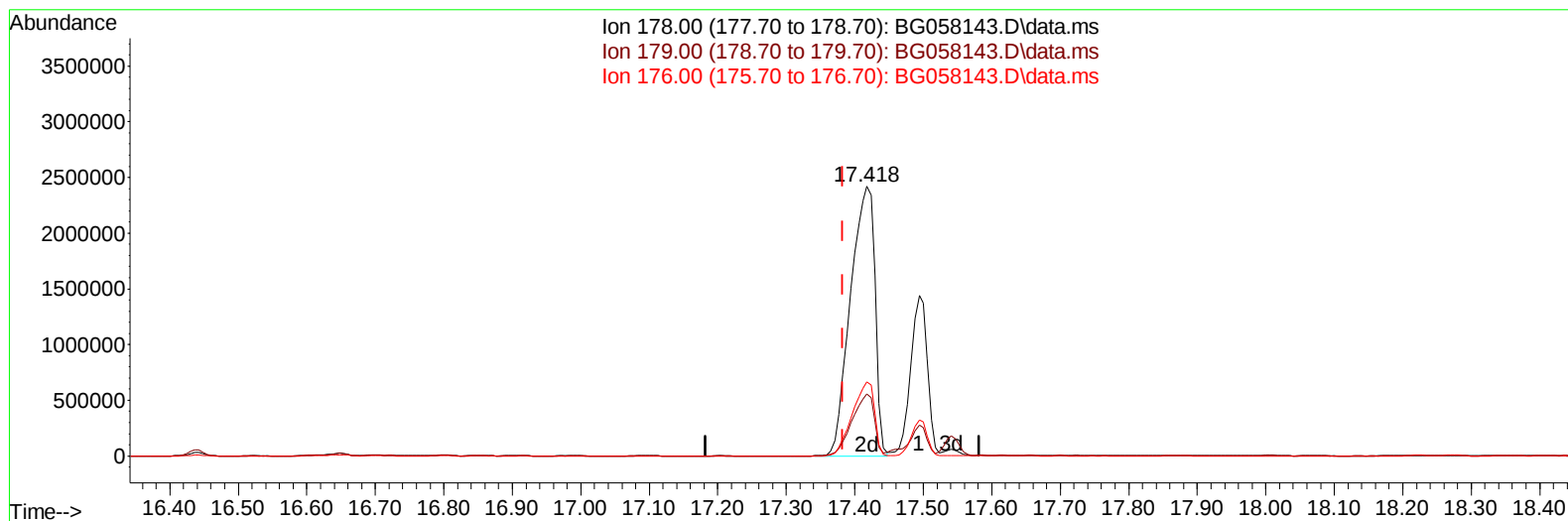
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
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 Acq On : 10 Jul 2023 15:41
 Operator : CG/JU
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Instrument :
 BNA_G
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Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:28:41 2023
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 QLast Update : Mon Jul 10 16:52:40 2023
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Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058143.D\data.ms

(72) Phenanthrene

17.418min (+ 0.035) 345.15 ng/u1 m

response 6016848

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	22.99#
176.00	19.60	27.56#
0.00	0.00	0.00

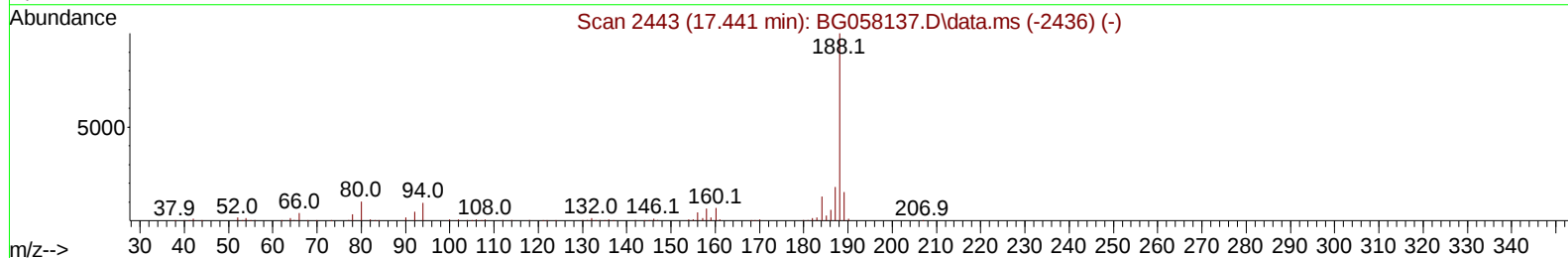
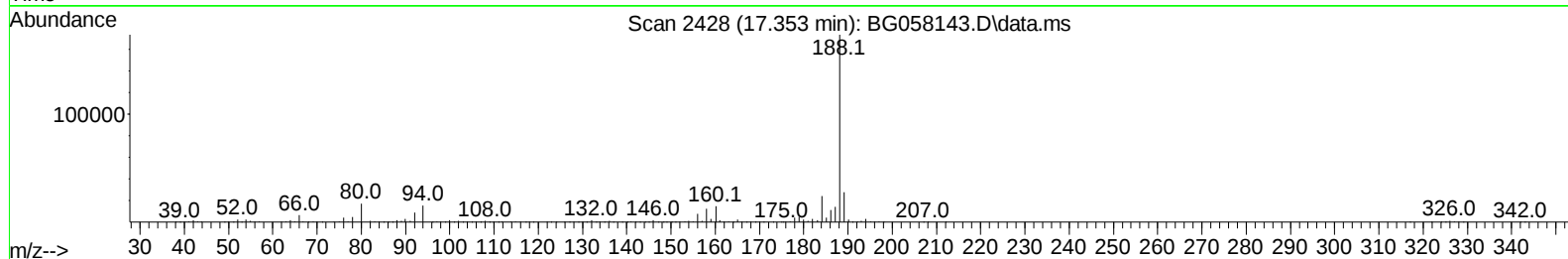
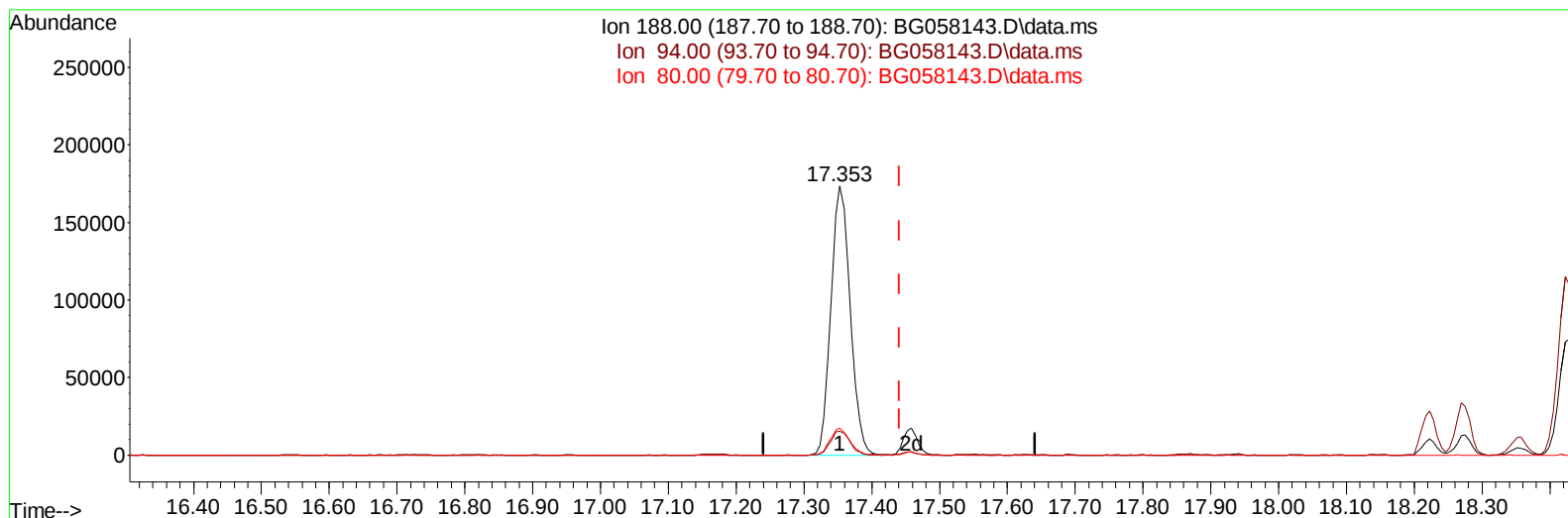
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058143.D
Acq On : 10 Jul 2023 15:41
Operator : CG/JU
Sample : 03385-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7X7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:29:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BG058143.D\data.ms

(73) Anthracene-d10 (S)

17.353min (-0.088) 21.55 ng/u1

response 342709

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.90	8.94
80.00	10.00	10.01
0.00	0.00	0.00

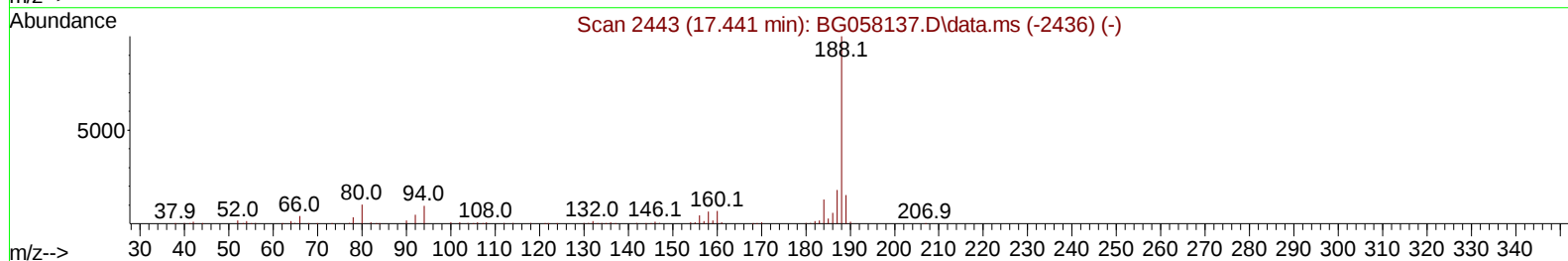
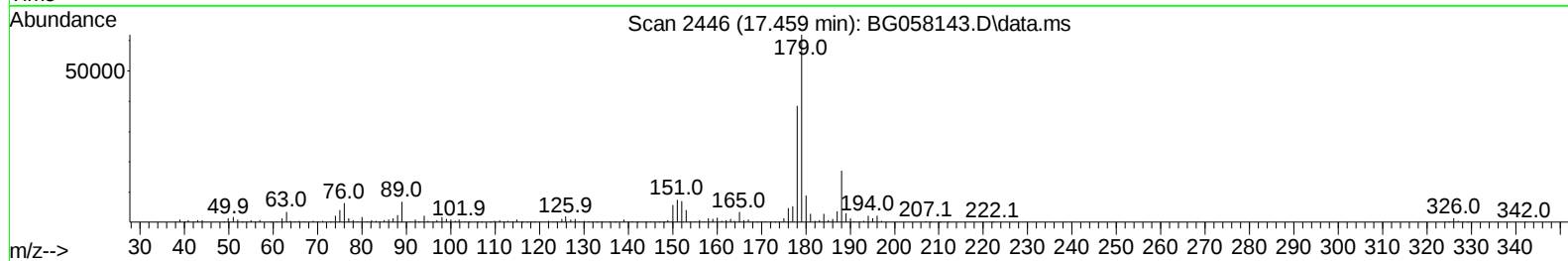
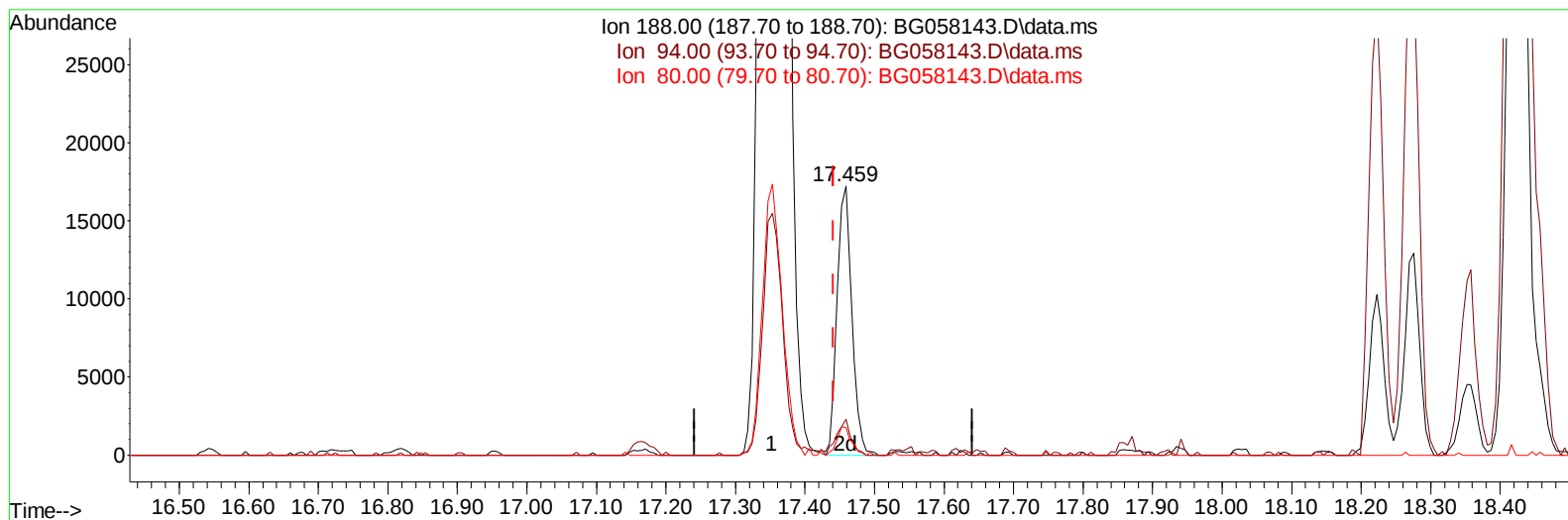
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058143.D
 Acq On : 10 Jul 2023 15:41
 Operator : CG/JU
 Sample : 03385-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:29:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
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Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058143.D\data.ms

(73) Anthracene-d10 (S)

17.459min (+ 0.018) 1.59 ng/ul m

response 25240

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.90	13.23#
80.00	10.00	10.18
0.00	0.00	0.00

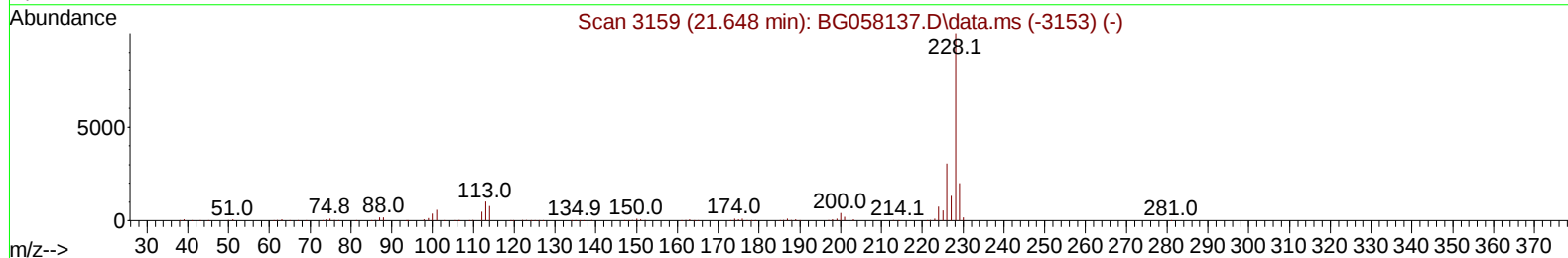
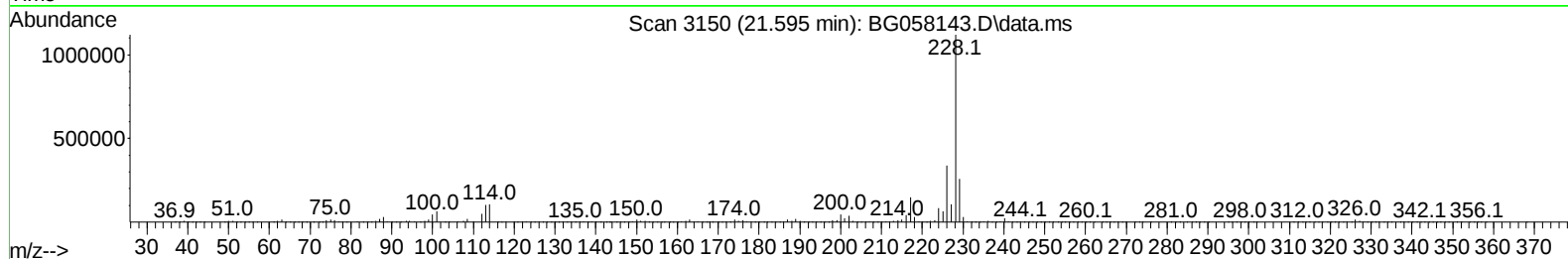
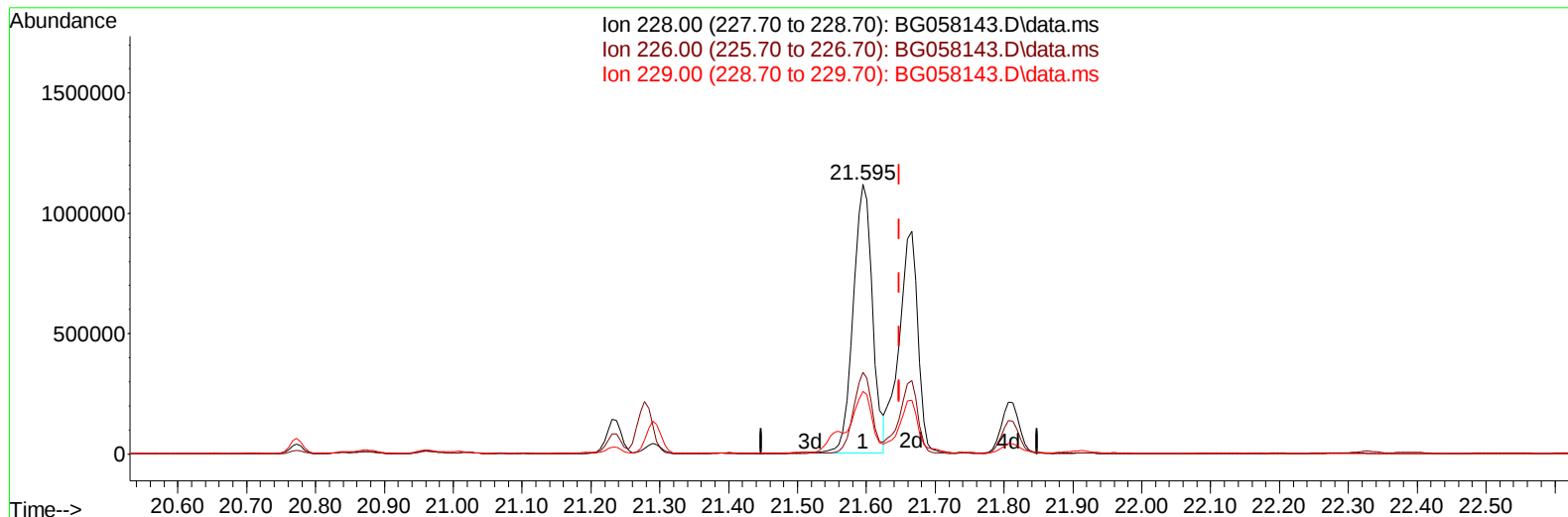
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058143.D
 Acq On : 10 Jul 2023 15:41
 Operator : CG/JU
 Sample : 03385-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:29:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058143.D\data.ms

(87) Chrysene

21.595min (-0.053) 118.48 ng/ul

response 2169912

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	30.30
229.00	19.40	23.14
0.00	0.00	0.00

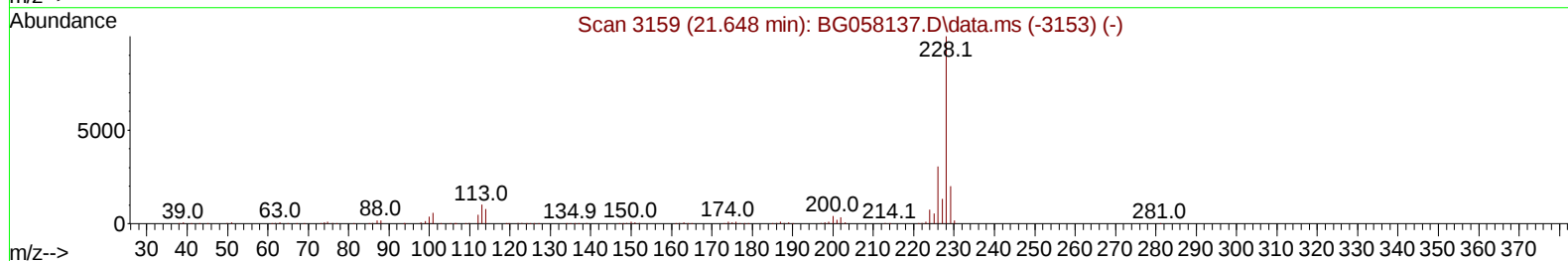
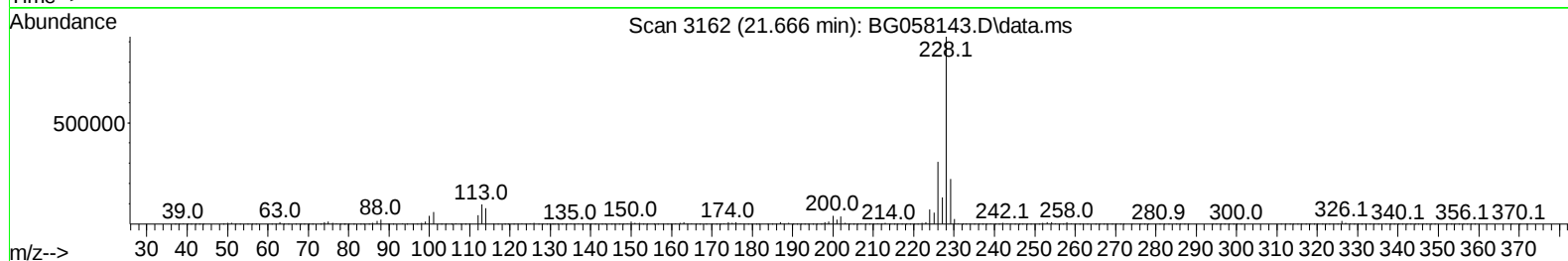
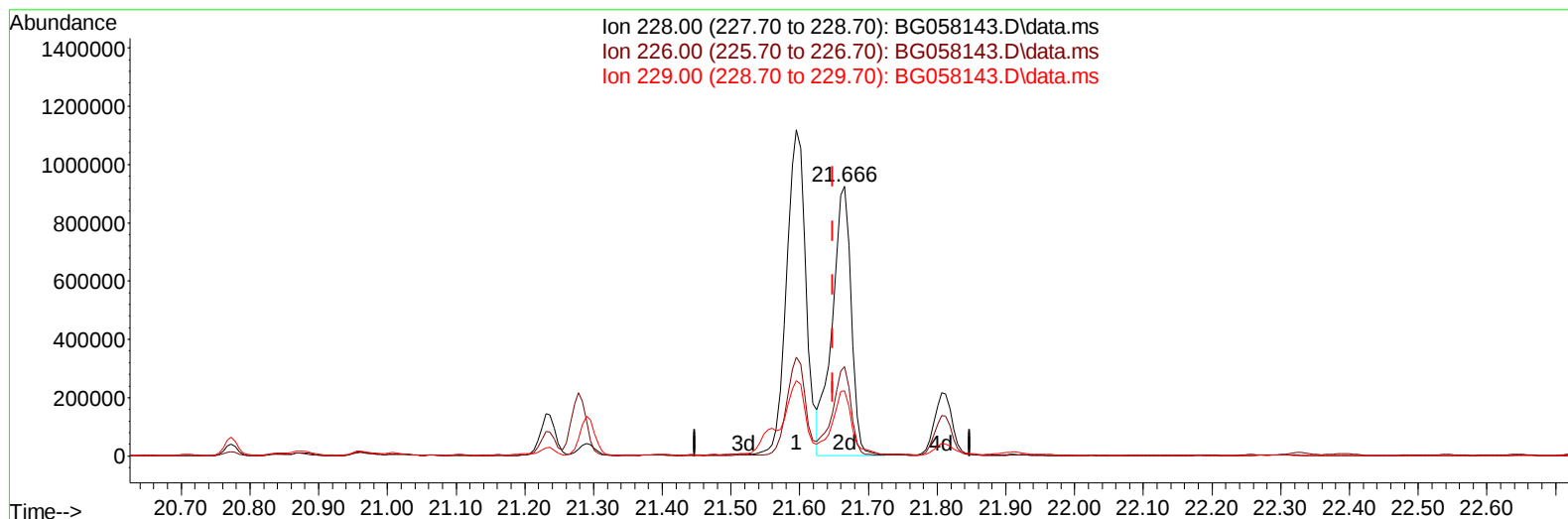
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058143.D
 Acq On : 10 Jul 2023 15:41
 Operator : CG/JU
 Sample : 03385-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:29:33 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
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Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058143.D\data.ms

(87) Chrysene

21.666min (+ 0.018) 97.39 ng/ul m

response 1783696

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	33.13
229.00	19.40	24.13#
0.00	0.00	0.00

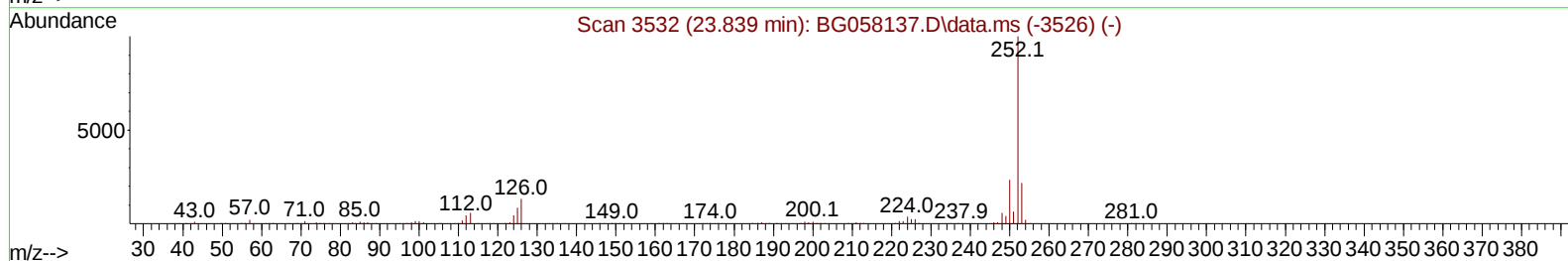
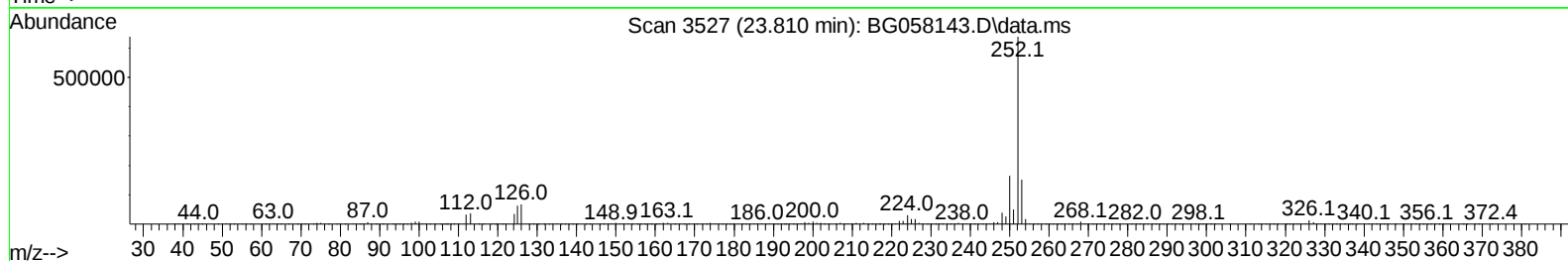
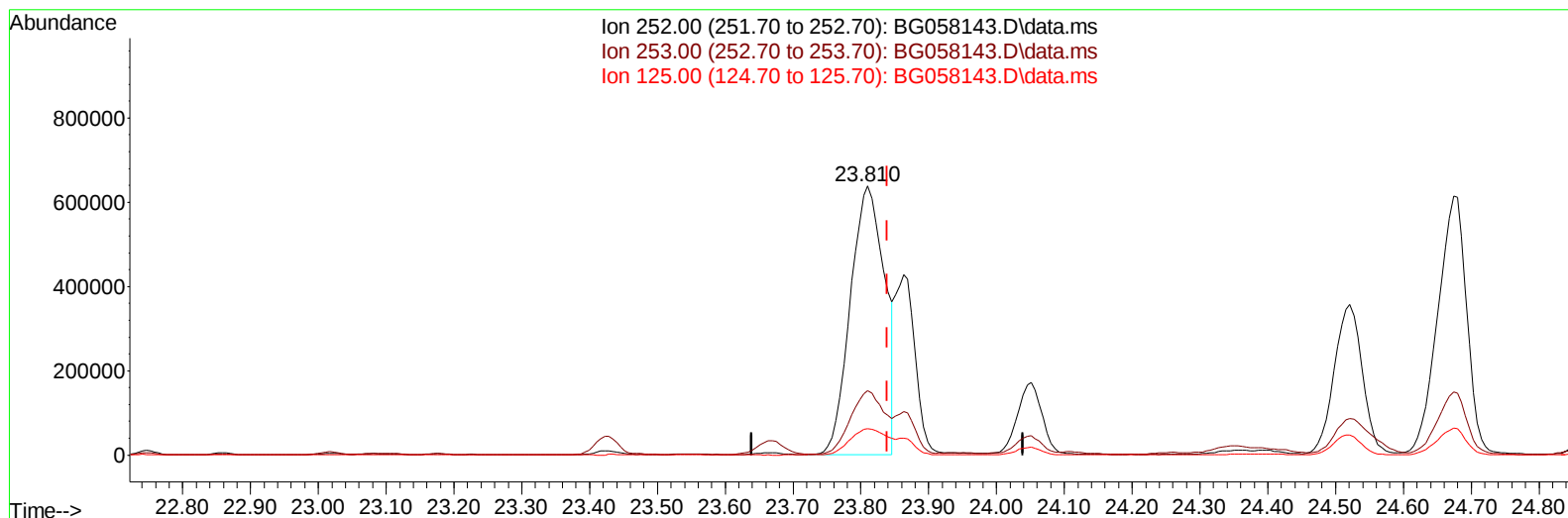
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG058143.D\data.ms

(91) Benzo(k)fluoranthene

23.810min (-0.029) 99.17 ng/u1

response 2237525

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.90
125.00	9.30	9.81
0.00	0.00	0.00

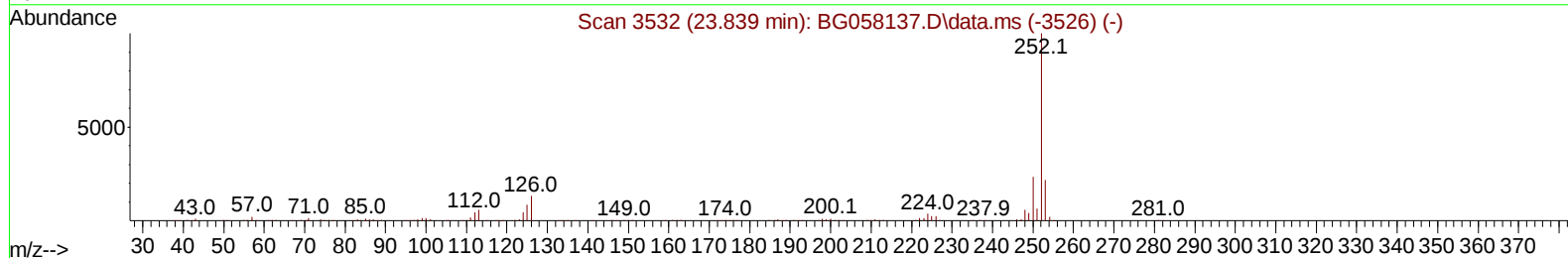
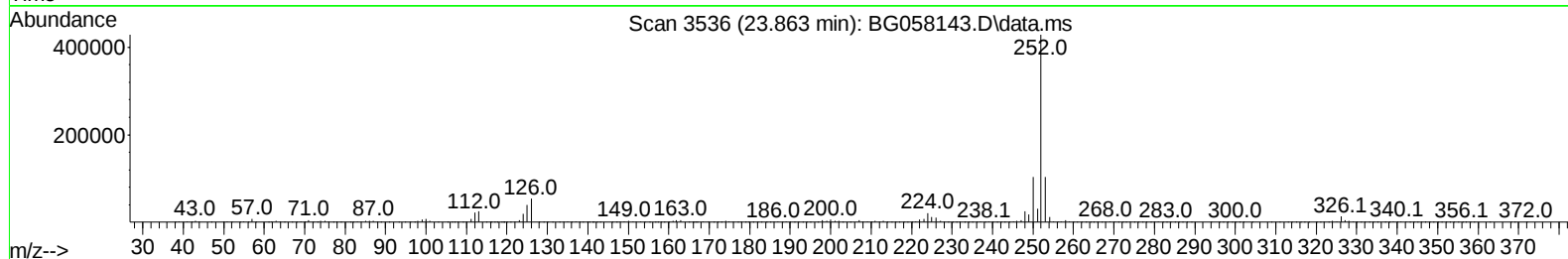
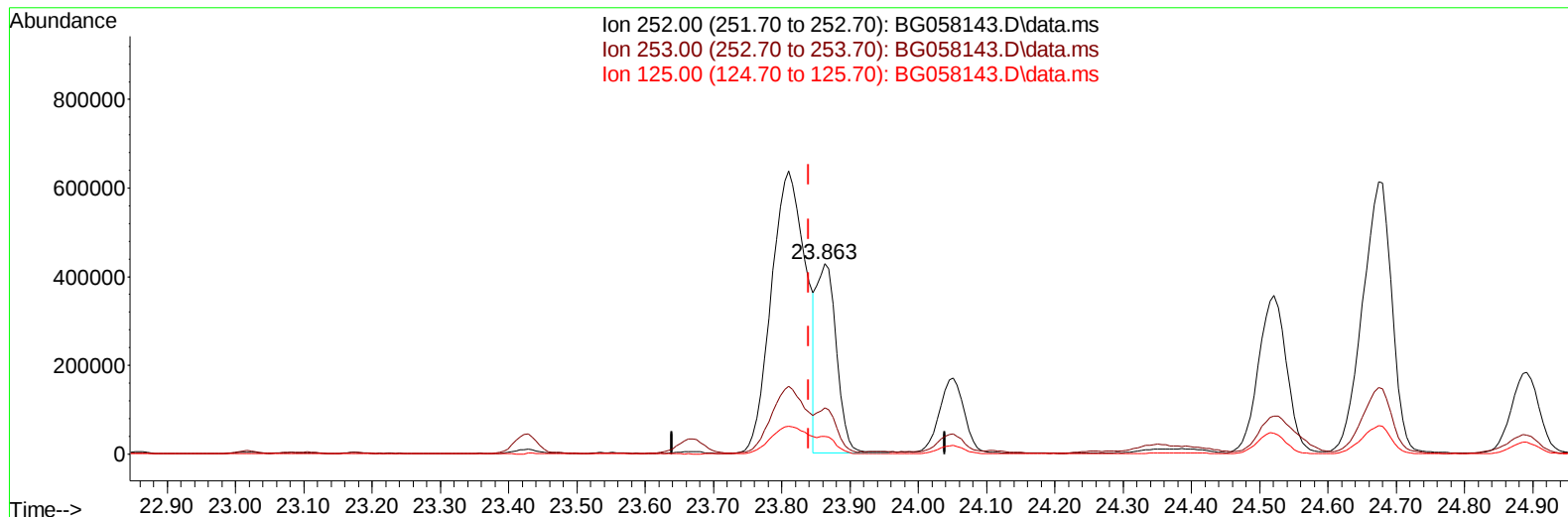
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7X7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:29:33 2023
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QLast Update : Mon Jul 10 16:52:40 2023
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Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BG058143.D\data.ms

(91) Benzo(k)fluoranthene

23.863min (+ 0.024) 38.15 ng/ul m

response 860676

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.24
125.00	9.30	9.16
0.00	0.00	0.00

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Instrument :
 BNA_G
 ClientSampleId :
 EX7X7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:30:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	52359	20.000	ng/ul	0.00
20) Naphthalene-d8	10.784	136	232583	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.603	164	161943	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.353	188	342709	20.000	ng/ul	0.01
79) Chrysene-d12	21.613	240	272091	20.000	ng/ul	0.01
88) Perylene-d12	24.815	264	371772	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.136	99	6248	1.168	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.300	67	3524	1.094	ng/ul	0.00
11) 2-Chlorophenol-d4	7.506	132	4356	1.181	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	4848	1.202	ng/ul	0.00
21) Nitrobenzene-d5	9.139	128	2318	1.223	ng/ul	0.00
24) 2-Nitrophenol-d4	9.862	143	2502	1.256	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.402	165	5102	1.335	ng/ul	0.00
31) 4-Chloroaniline-d4	10.919	131	3591	0.620	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	18417	1.441	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	20417	1.464	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.590	176	16845	1.552	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.459	188	25240m	1.587	ng/ul	0.02
81) Pyrene-d10	19.738	212	27103	1.582	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.592	264	28348	1.497	ng/ul	0.02
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	9.944	107	5914m	1.230	ng/ul	
30) Naphthalene	10.849	128	3808236	291.357	ng/ul#	91
36) 2-Methylnaphthalene	12.441	142	1430693	162.377	ng/ul	97
37) 1-Methylnaphthalene	12.659	142	714551	80.872	ng/ul	98
43) 1,1'-Biphenyl	13.440	154	548232	46.977	ng/ul	99
50) Acenaphthylene	14.327	152	15968	1.061	ng/ul#	57
52) Acenaphthene	14.680	153	1710344	165.538	ng/ul	97
56) Dibenzofuran	15.009	168	2018280	137.418	ng/ul	94
61) Fluorene	15.661	166	1873160	155.438	ng/ul	99
72) Phenanthrene	17.418	178	6016848m	345.150	ng/ul	
74) Anthracene	17.494	178	2451642	138.974	ng/ul#	93
77) Carbazole	17.753	167	1112123	69.706	ng/ul	96
80) Fluoranthene	19.421	202	4818719	242.674	ng/ul#	95
82) Pyrene	19.780	202	4106394	205.444	ng/ul#	94
85) Benzo(a)anthracene	21.595	228	2169912	111.070	ng/ul	94
87) Chrysene	21.666	228	1783696m	97.394	ng/ul	
90) Benzo(b)fluoranthene	23.810	252	2237525	97.203	ng/ul	98
91) Benzo(k)fluoranthene	23.863	252	860676m	38.146	ng/ul	
93) Benzo(a)pyrene	24.674	252	1829312	89.785	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.481	276	1075357	39.746	ng/ul	99
95) Dibenzo(a,h)anthracene	28.505	278	240471	10.779	ng/ul	94
96) Benzo(g,h,i)perylene	29.621	276	924585	41.839	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023

Quant Time: Jul 11 01:30:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058143.D
 Acq On : 10 Jul 2023 15:41
 Operator : CG/JU
 Sample : 03385-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:30:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023

