

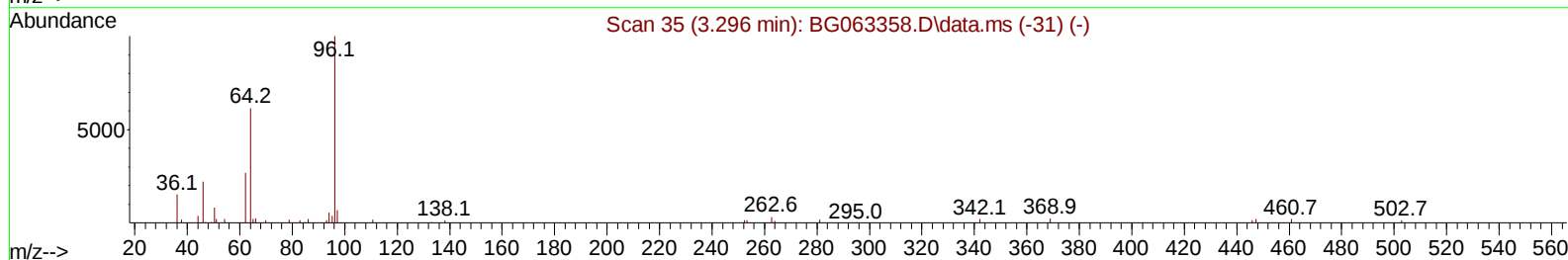
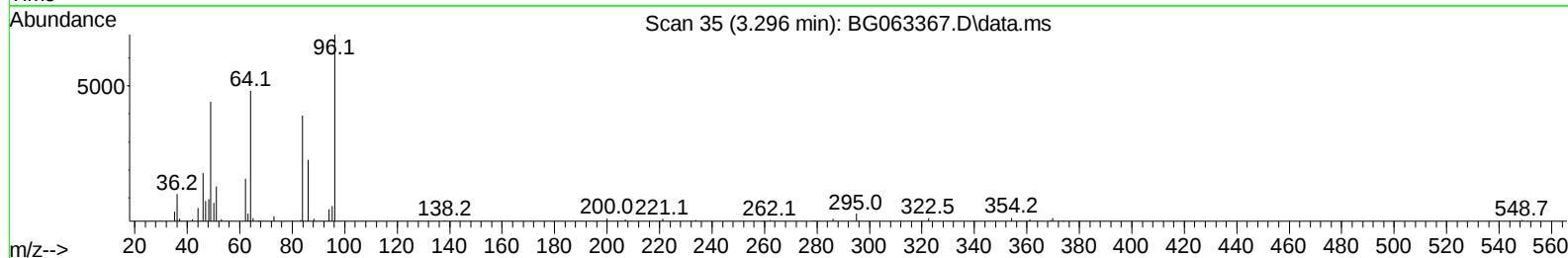
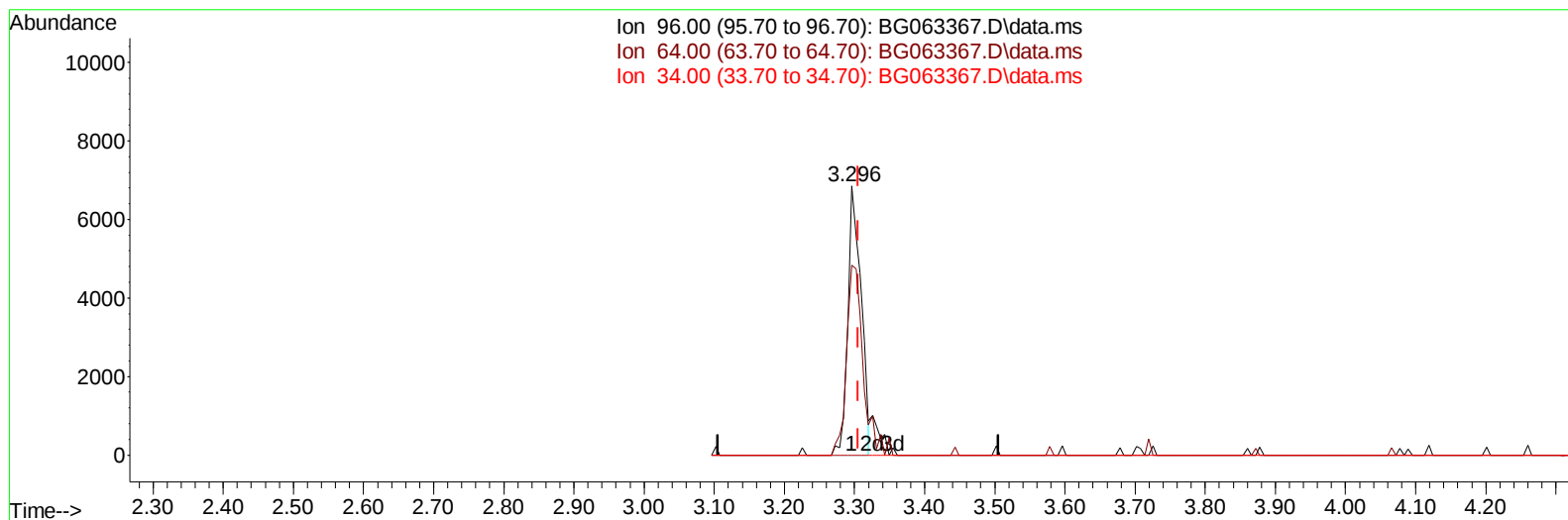
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063367.D
Acq On : 13 Nov 2024 23:08
Operator : RC/JU
Sample : P4801-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCPB8

Manual IntegrationsAPPROVED

Quant Time: Nov 14 03:32:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BG063367.D\data.ms

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

3.296min (-0.009) 4.16 ng/uL

response 9011

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	52.20	70.66#
34.00	0.00	0.00
0.00	0.00	0.00

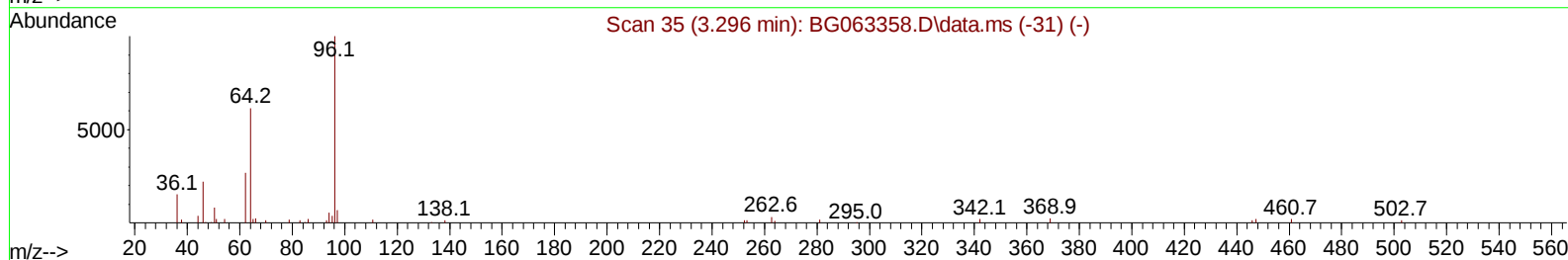
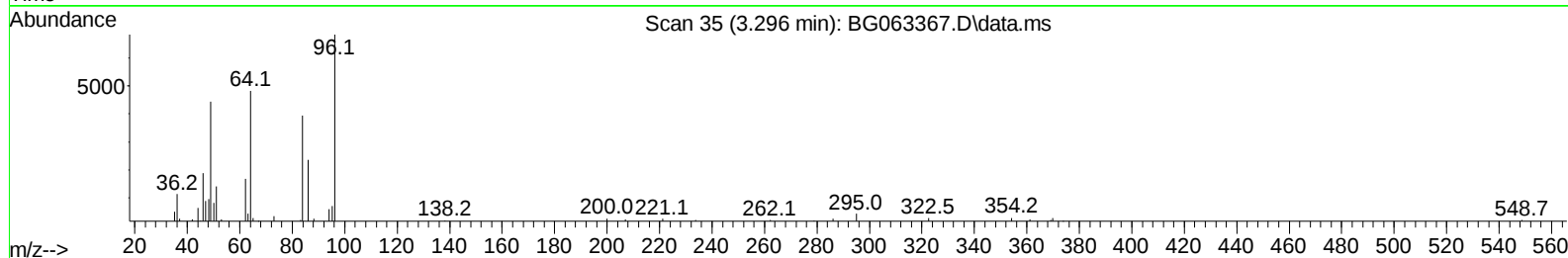
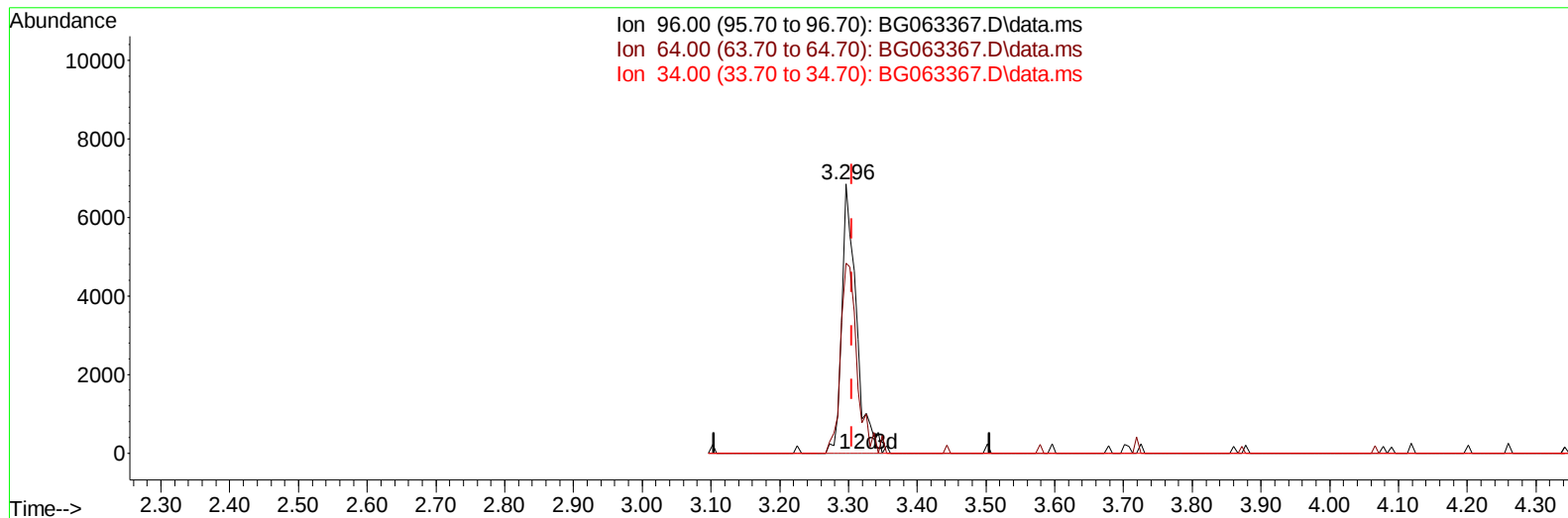
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063367.D
Acq On : 13 Nov 2024 23:08
Operator : RC/JU
Sample : P4801-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCPB8

Manual IntegrationsAPPROVED

Quant Time: Nov 14 03:32:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/15/2024
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TIC: BG063367.D\data.ms

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

3.296min (-0.009) 4.60 ng/uL m

response 9954

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	52.20	70.66#
34.00	0.00	0.00
0.00	0.00	0.00

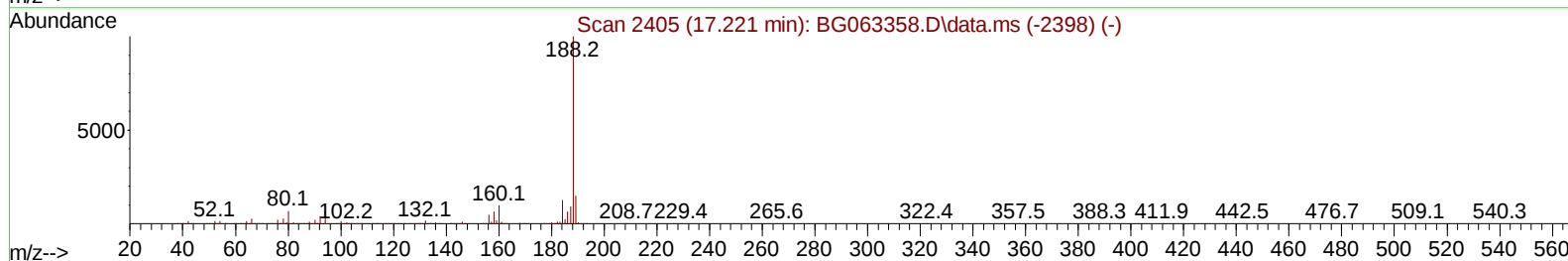
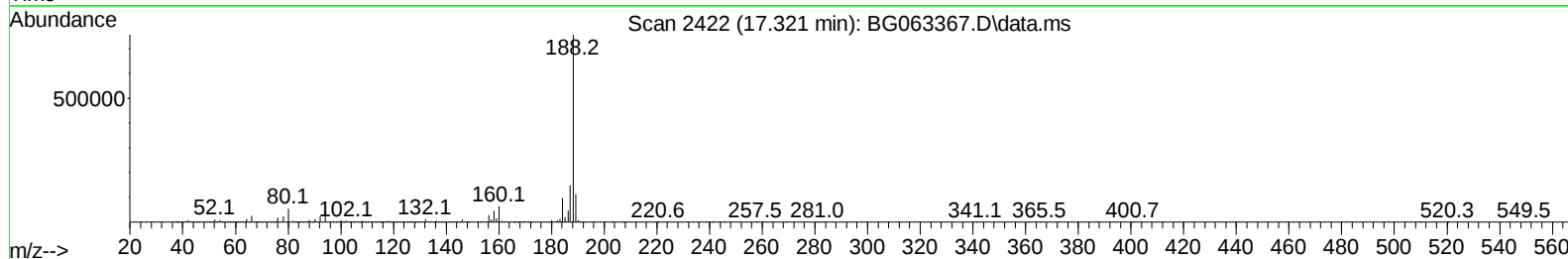
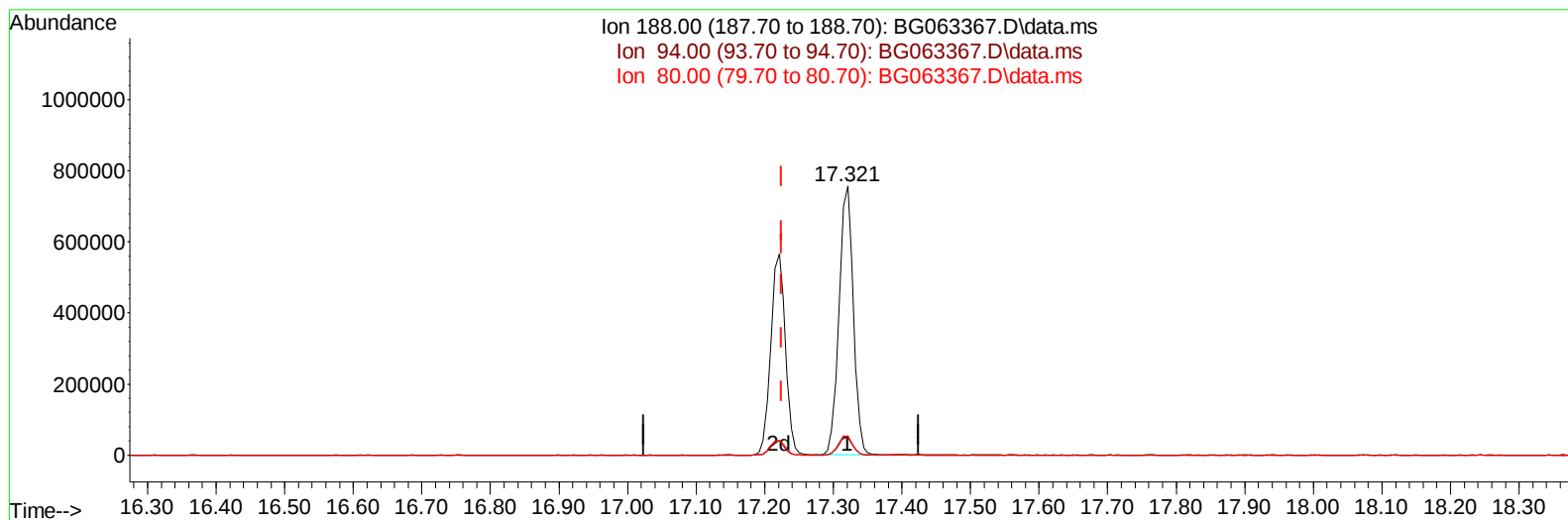
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063367.D
 Acq On : 13 Nov 2024 23:08
 Operator : RC/JU
 Sample : P4801-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG063367.D\data.ms

(64) Phenanthrene-d10 (I)

17.321min (+ 0.097) 20.00 ng/u1

response 1097559

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.50	6.40
80.00	6.10	7.28
0.00	0.00	0.00

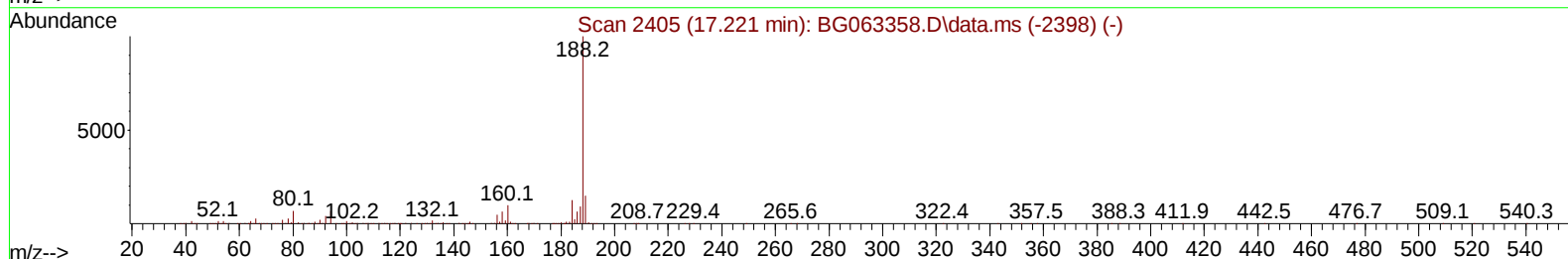
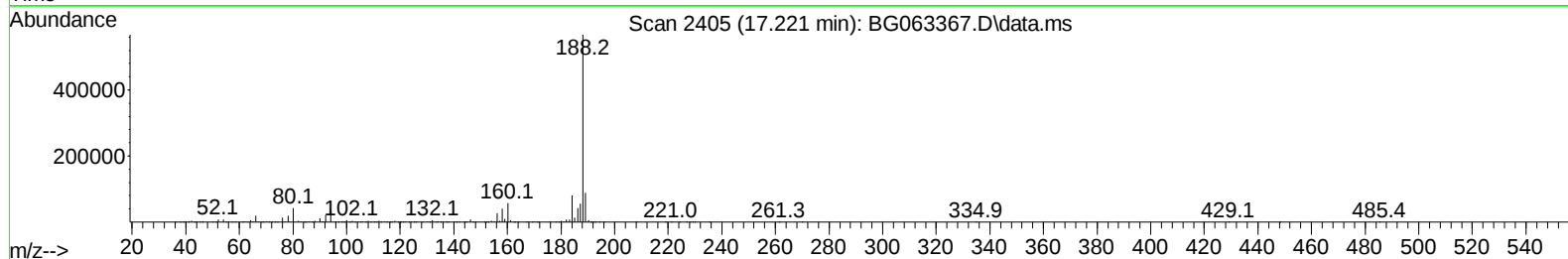
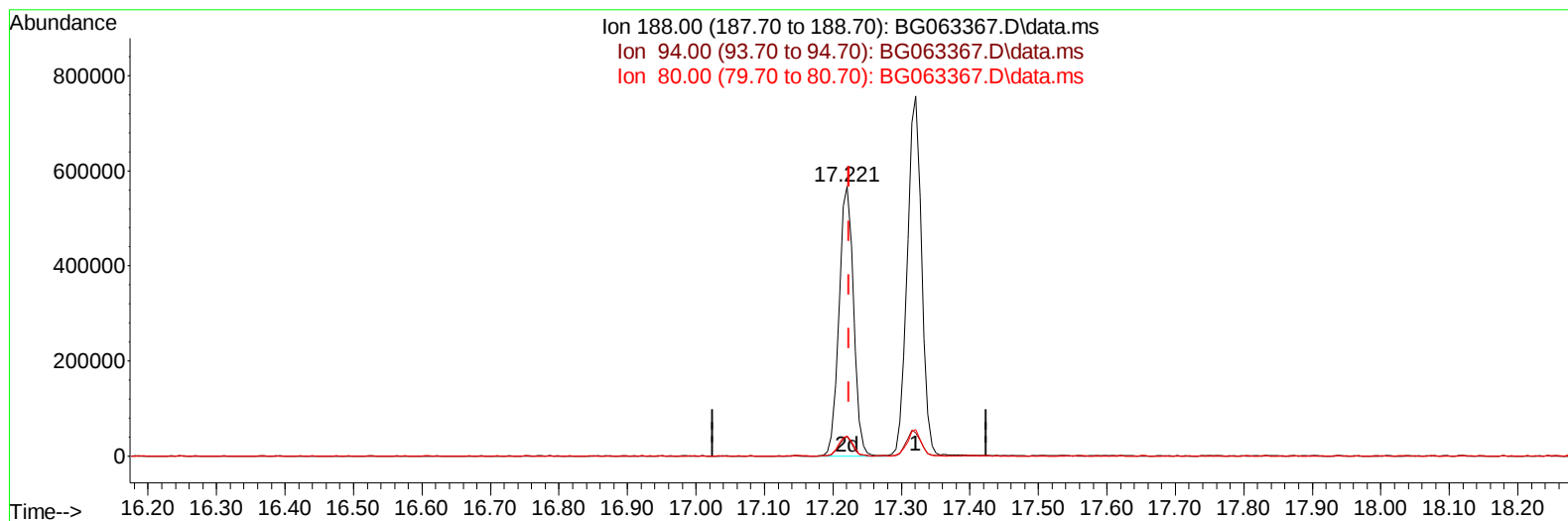
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063367.D
Acq On : 13 Nov 2024 23:08
Operator : RC/JU
Sample : P4801-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 14 03:32:59 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
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TIC: BG063367.D\data.ms

(64) Phenanthrene-d10 (I)

17.221min (-0.003) 20.00 ng/ul m

response 842815

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.50	7.18#
80.00	6.10	7.47#
0.00	0.00	0.00

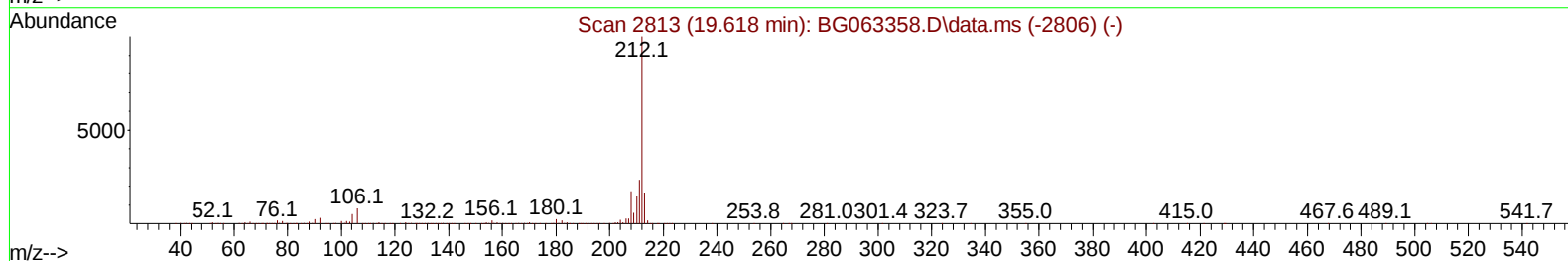
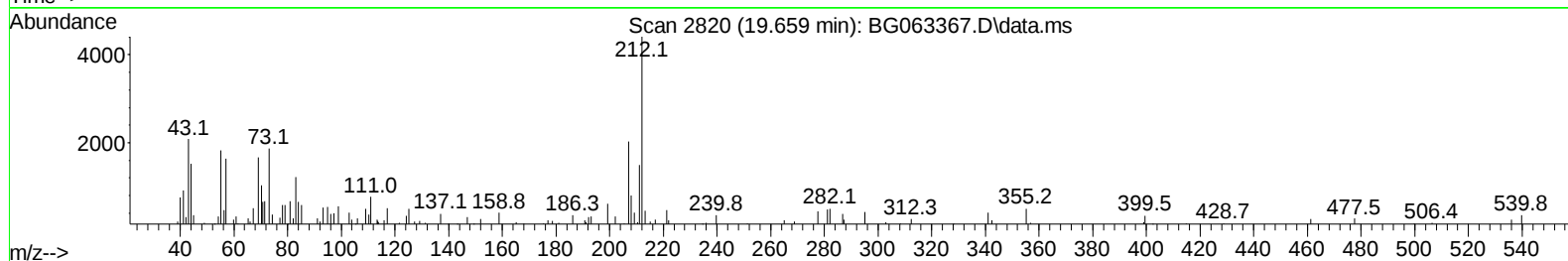
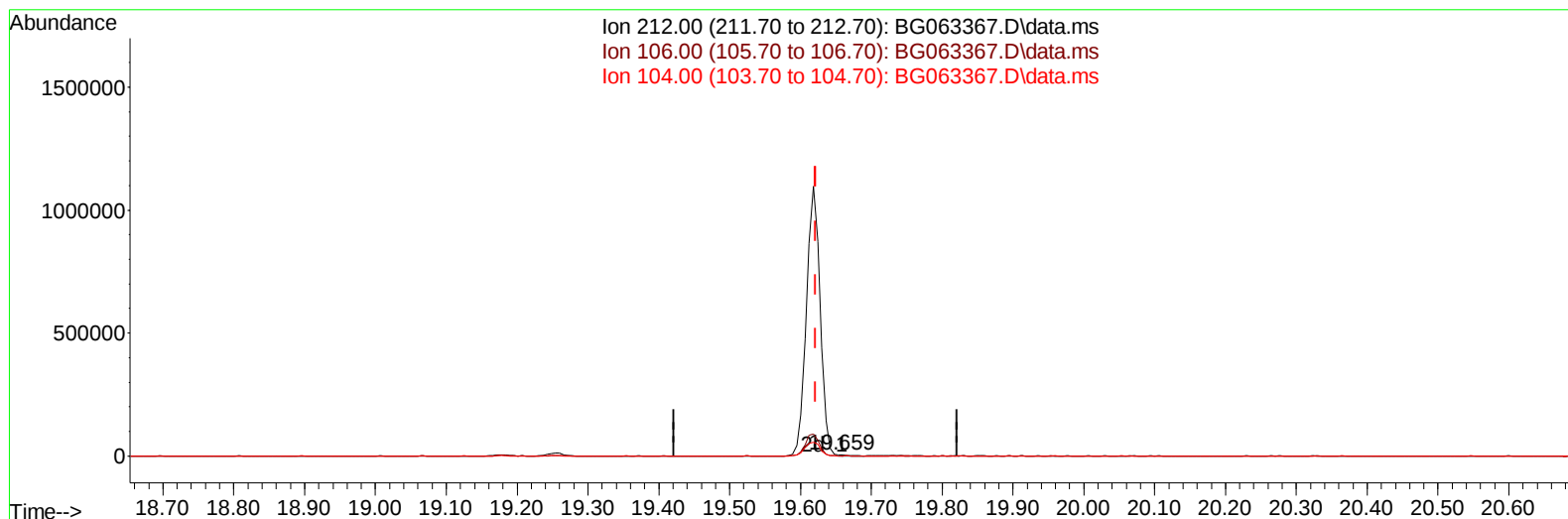
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063367.D
Acq On : 13 Nov 2024 23:08
Operator : RC/JU
Sample : P4801-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCPB8

Manual IntegrationsAPPROVED

Quant Time: Nov 14 04:03:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BG063367.D\data.ms

(81) Pyrene-d10 (S)

19.659min (+ 0.038) 0.09 ng/u1

response 4053

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	6.50	6.31
104.00	4.90	5.81
0.00	0.00	0.00

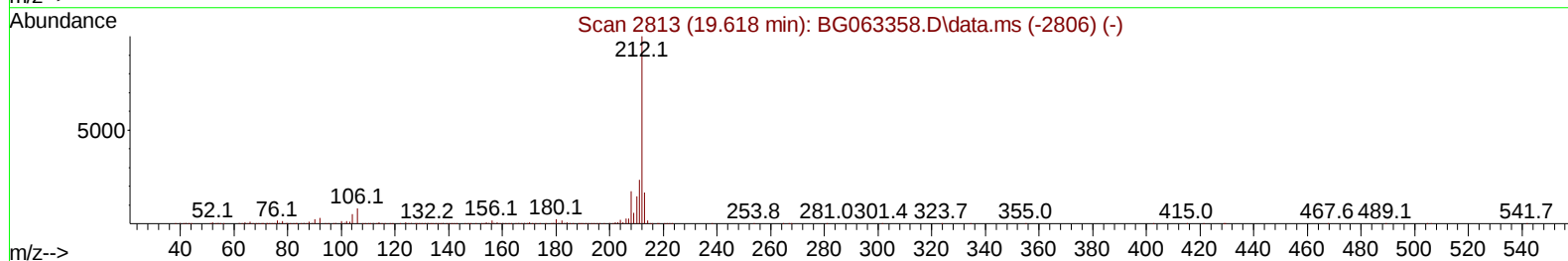
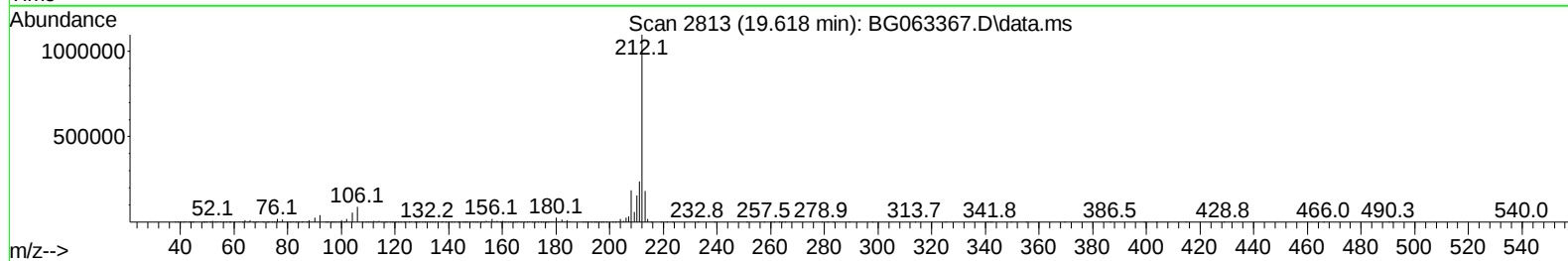
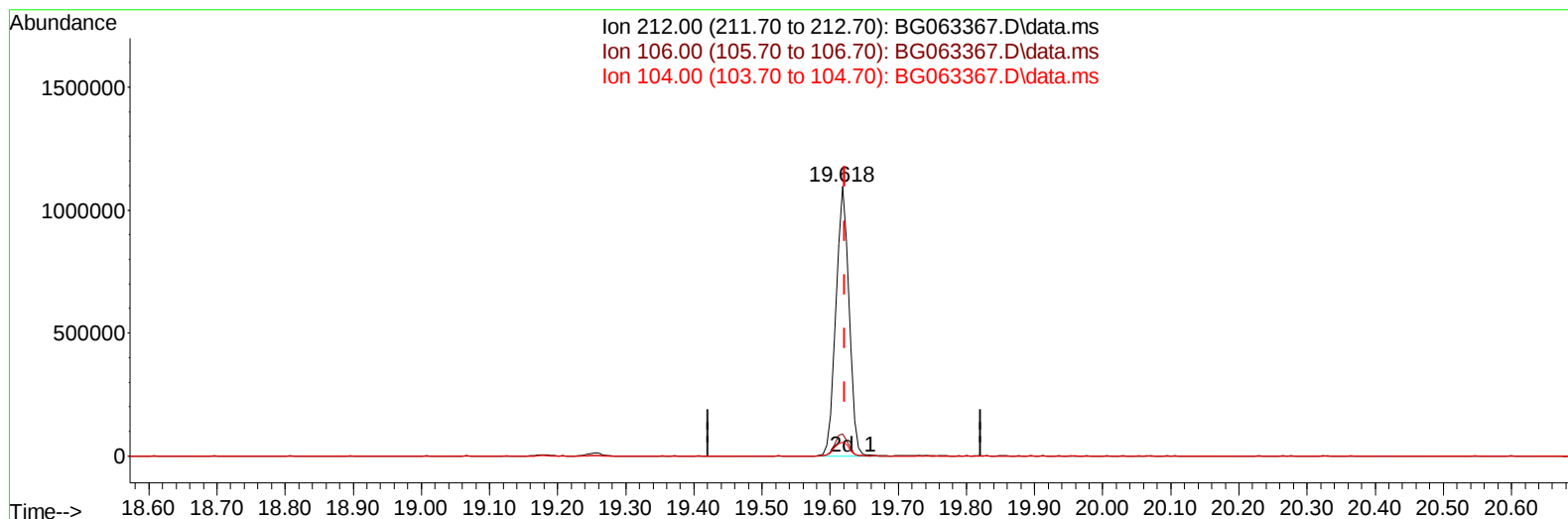
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063367.D
Acq On : 13 Nov 2024 23:08
Operator : RC/JU
Sample : P4801-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCPB8

Manual IntegrationsAPPROVED

Quant Time: Nov 14 04:03:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BG063367.D\data.ms

(81) Pyrene-d10 (S)

19.618min (-0.003) 32.90 ng/ul m

response 1470015

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	6.50	8.15#
104.00	4.90	5.12
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063367.D
 Acq On : 13 Nov 2024 23:08
 Operator : RC/JU
 Sample : P4801-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GCPB8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 14 04:05:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	97832	20.000	ng/ul	0.00
20) Naphthalene-d8	10.617	136	390639	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.471	164	332712	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	842815m	20.000	ng/ul	0.00
79) Chrysene-d12	21.475	240	891299	20.000	ng/ul	# 0.00
88) Perylene-d12	24.507	264	966230	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	9954m	4.601	ng/uL	0.00
4) Pyridine-d5	3.713	84	33894	4.740	ng/ul	0.00
7) Phenol-d5	7.010	99	69588	7.883	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.162	67	110608	21.361	ng/ul	0.00
11) 2-Chlorophenol-d4	7.368	132	114268	19.942	ng/ul	0.00
15) 4-Methylphenol-d8	8.543	113	113770	15.205	ng/ul	0.00
21) Nitrobenzene-d5	8.984	128	67295	24.504	ng/ul	0.00
24) 2-Nitrophenol-d4	9.706	143	81902	23.074	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.247	165	146922	21.092	ng/ul	0.00
31) 4-Chloroaniline-d4	10.758	131	218125	24.042	ng/ul	0.00
46) Dimethylphthalate-d6	13.872	166	641837	24.628	ng/ul	0.00
49) Acenaphthylene-d8	14.160	160	630867	24.732	ng/ul	0.00
54) 4-Nitrophenol-d4	14.689	143	32606	9.138	ng/ul	0.00
60) Fluorene-d10	15.464	176	566638	25.762	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.588	200	130070	24.556	ng/ul	0.00
73) Anthracene-d10	17.321	188	1097559	30.300	ng/ul	0.00
81) Pyrene-d10	19.618	212	1470015m	32.895	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.301	264	1413176	30.293	ng/ul	0.00

Target Compounds Qvalue

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

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Instrument :
BNA_G
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Manual IntegrationsAPPROVED

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