

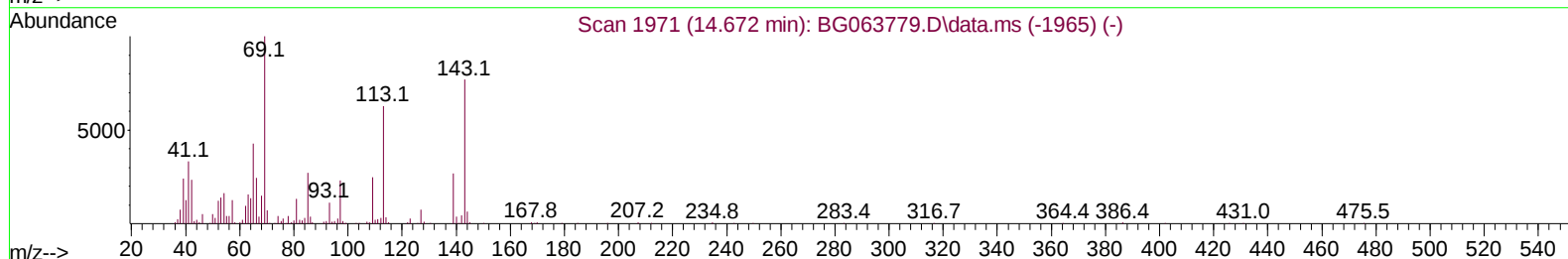
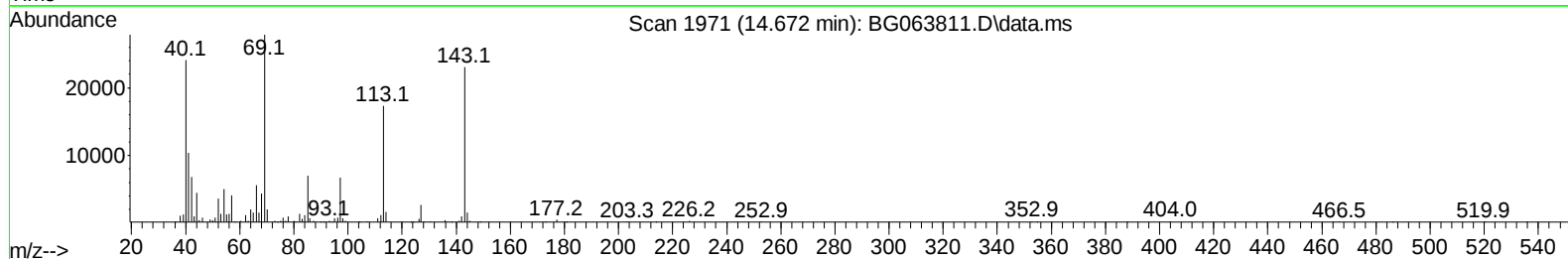
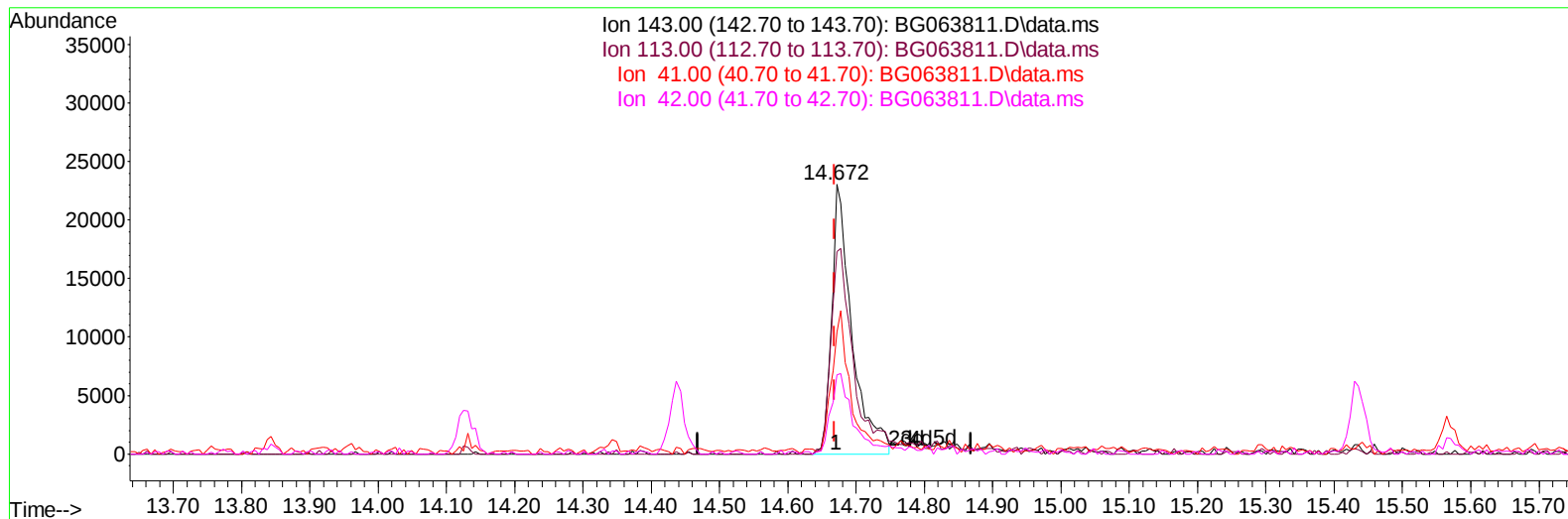
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063811.D
Acq On : 24 Dec 2024 9:13
Operator : RC/JU
Sample : P5333-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2923

Manual IntegrationsAPPROVED

Quant Time: Dec 25 00:20:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063811.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.672min (+ 0.004) 17.55 ng/u1

response 47485

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	75.03
41.00	48.20	45.16
42.00	26.60	29.49

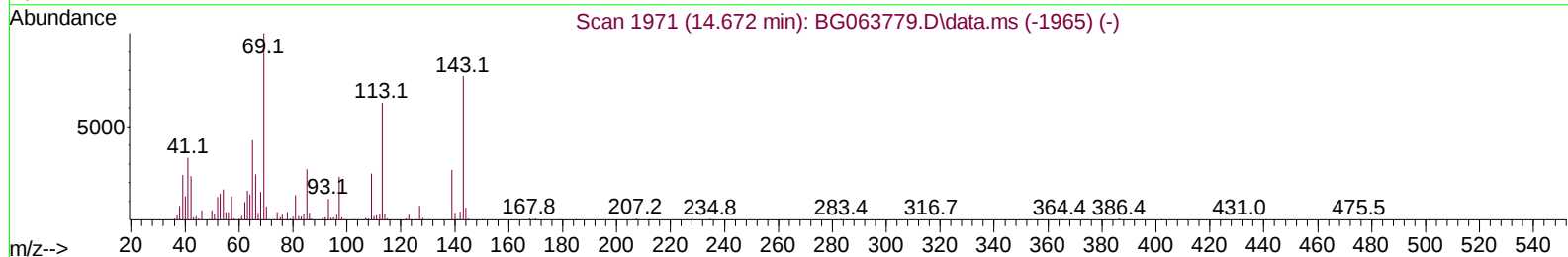
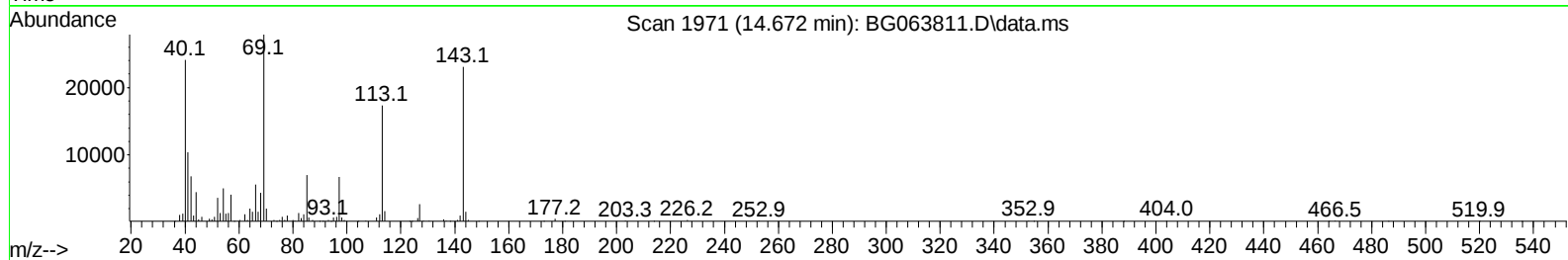
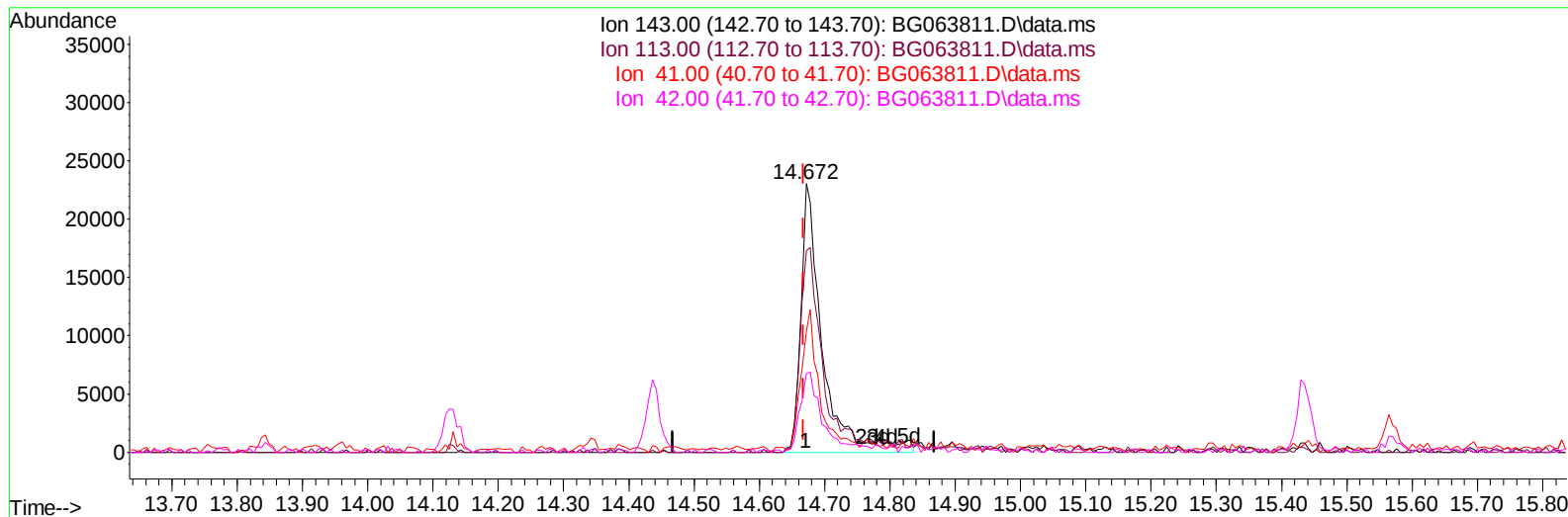
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063811.D
Acq On : 24 Dec 2024 9:13
Operator : RC/JU
Sample : P5333-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2923

Manual IntegrationsAPPROVED

Quant Time: Dec 25 00:20:07 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063811.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.672min (+ 0.004) 19.20 ng/ul m

response 51947

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	75.03
41.00	48.20	45.16
42.00	26.60	29.49

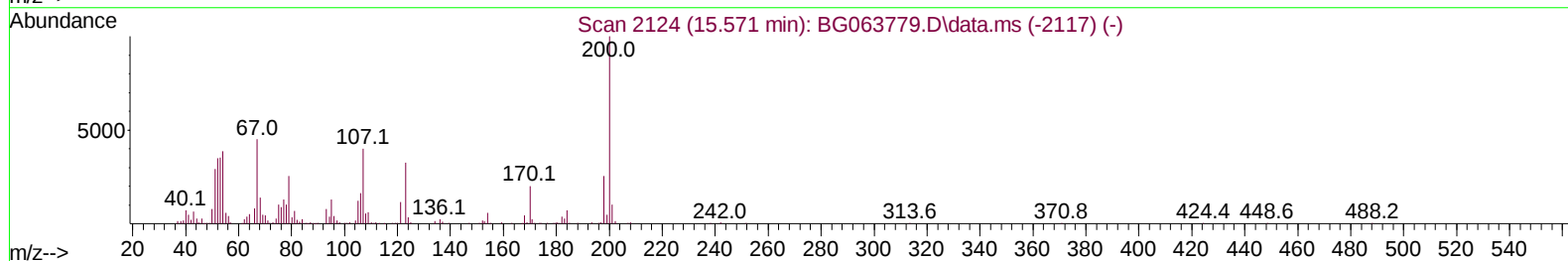
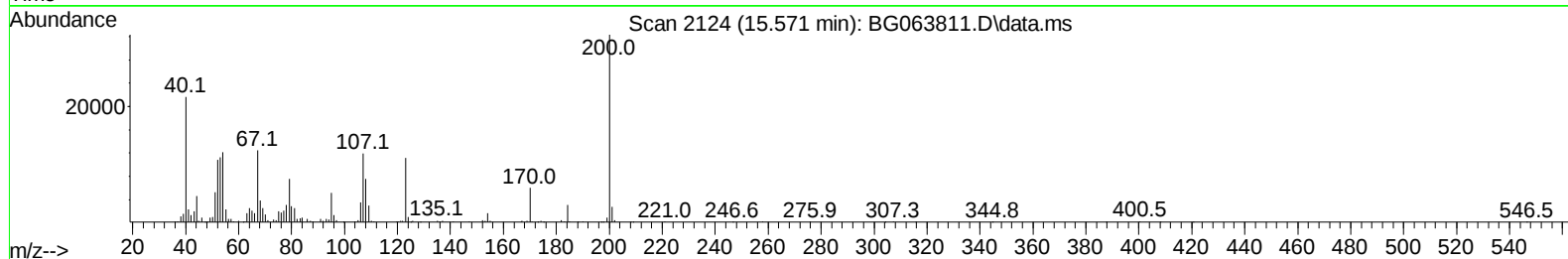
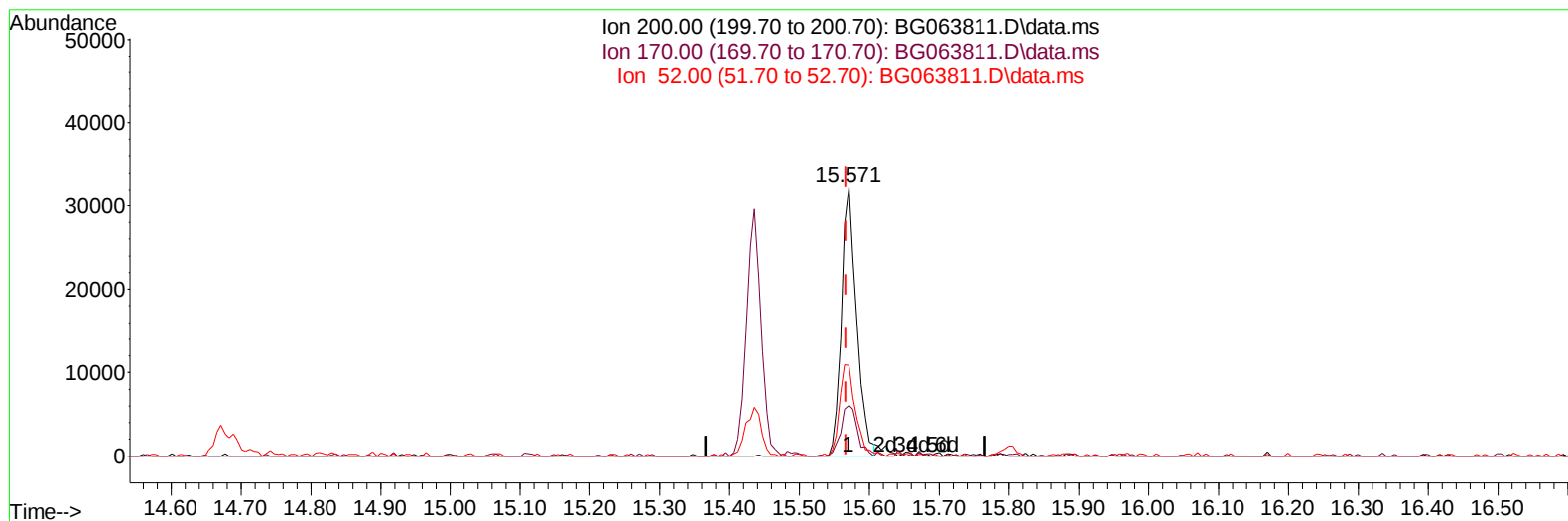
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063811.D
 Acq On : 24 Dec 2024 9:13
 Operator : RC/JU
 Sample : P5333-20
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG063811.D\data.ms

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

15.571min (+ 0.004) 12.93 ng/ul

response 48066

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	18.69
52.00	43.10	33.52#
0.00	0.00	0.00

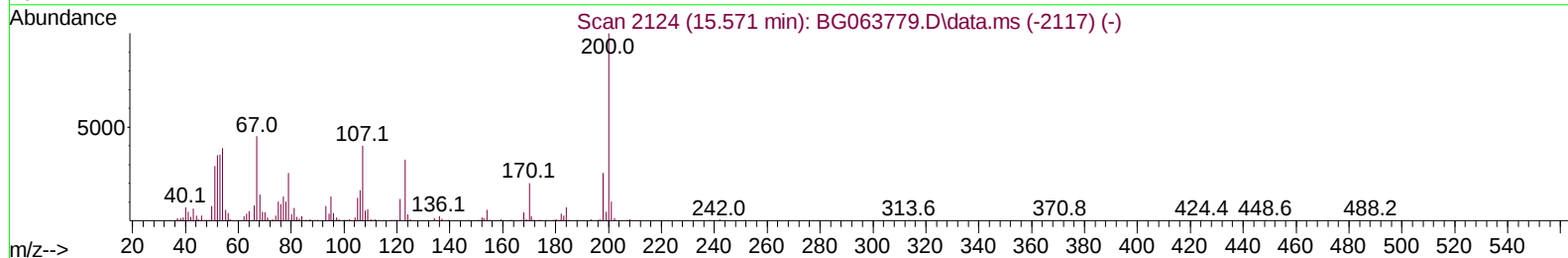
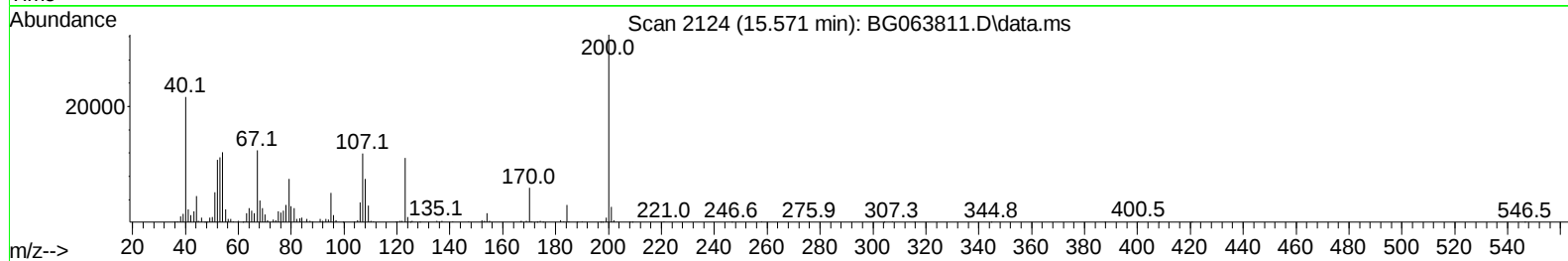
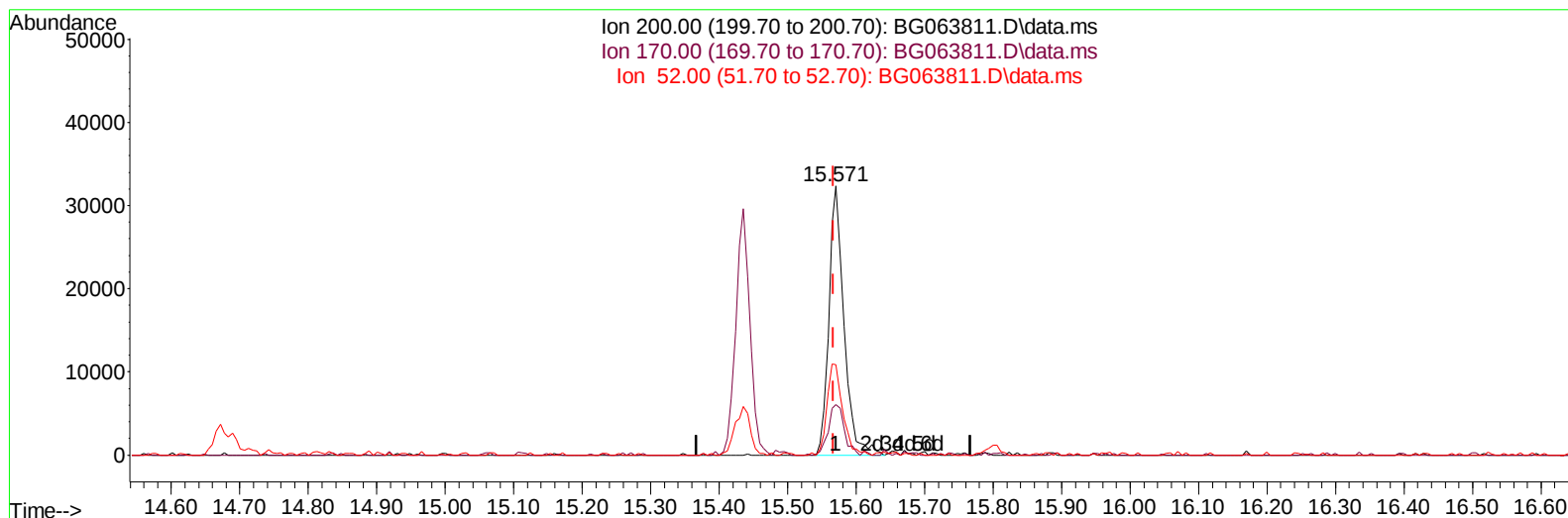
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063811.D
Acq On : 24 Dec 2024 9:13
Operator : RC/JU
Sample : P5333-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2923

Manual IntegrationsAPPROVED

Quant Time: Dec 25 00:20:07 2024
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QLast Update : Tue Dec 24 00:44:39 2024
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Supervised By :mohammad ahmed 12/26/2024



TIC: BG063811.D\data.ms

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

15.571min (+ 0.004) 13.33 ng/ul m

response 49551

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	18.69
52.00	43.10	33.52#
0.00	0.00	0.00

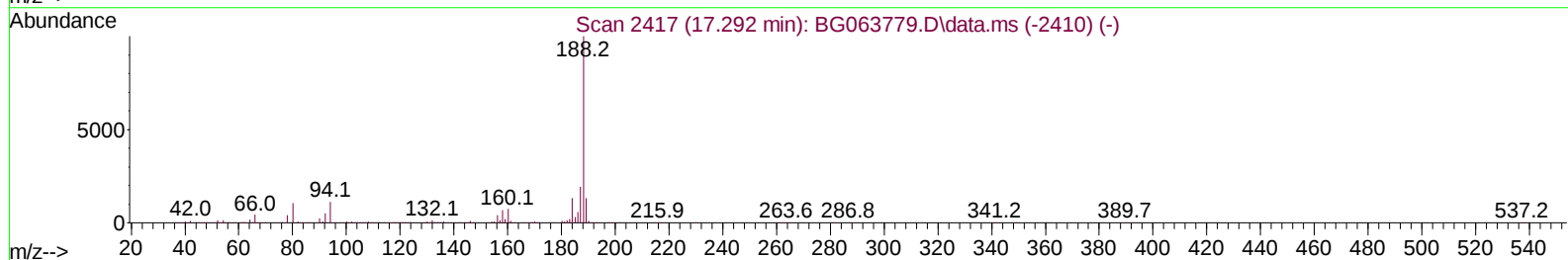
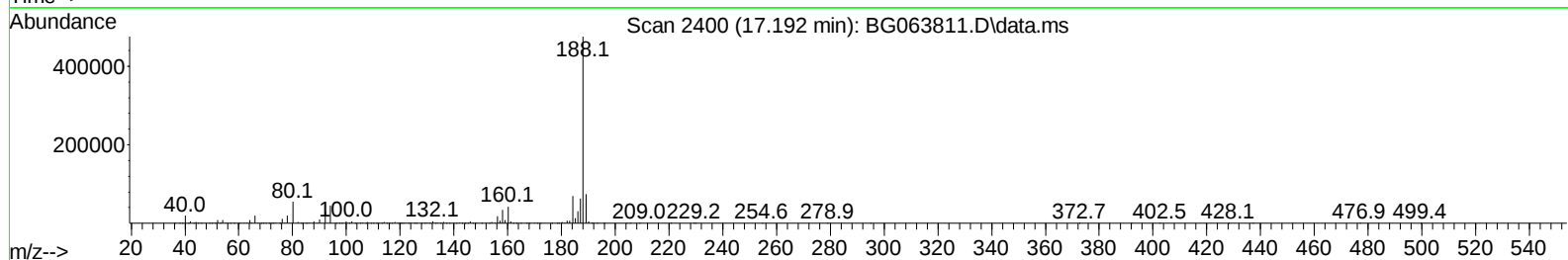
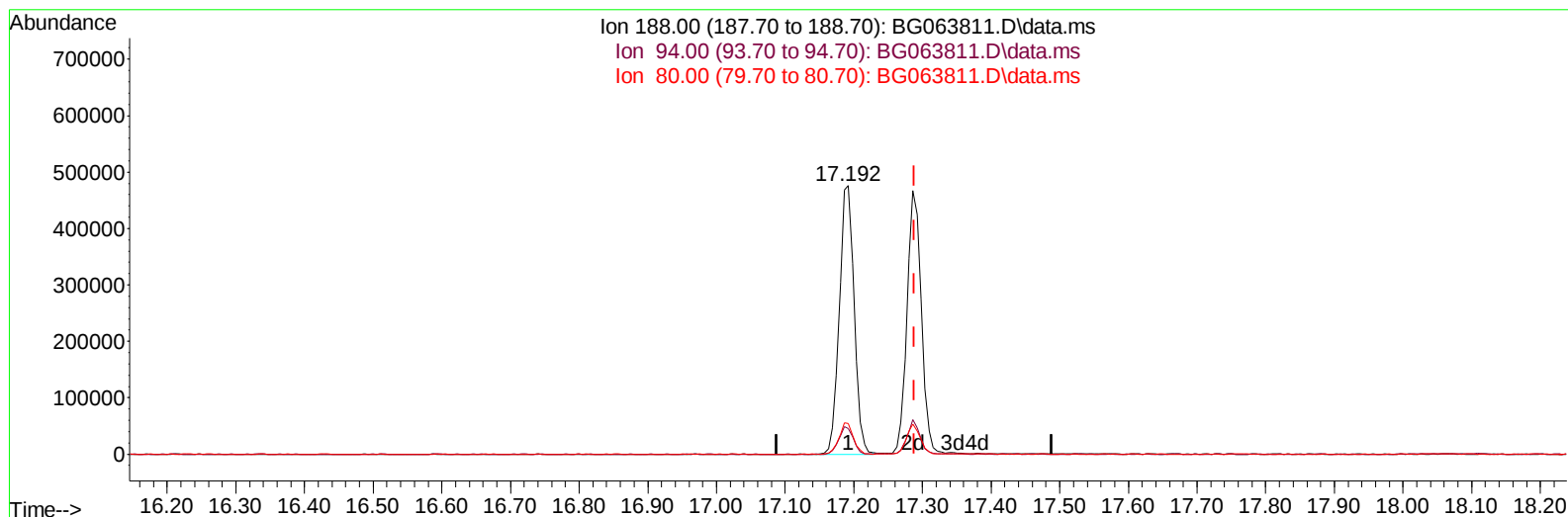
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063811.D
Acq On : 24 Dec 2024 9:13
Operator : RC/JU
Sample : P5333-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG063811.D\data.ms

(73) Anthracene-d10 (S)

17.192min (-0.096) 23.26 ng/u1

response 716091

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.70	9.58
80.00	10.80	11.45
0.00	0.00	0.00

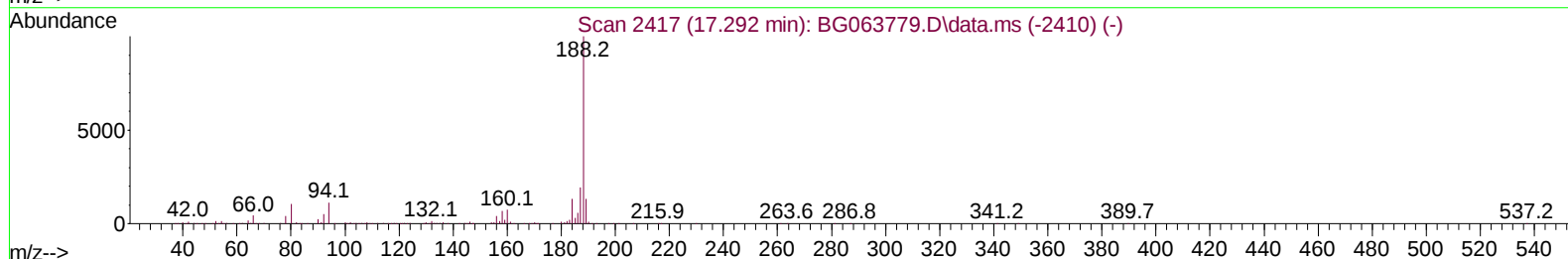
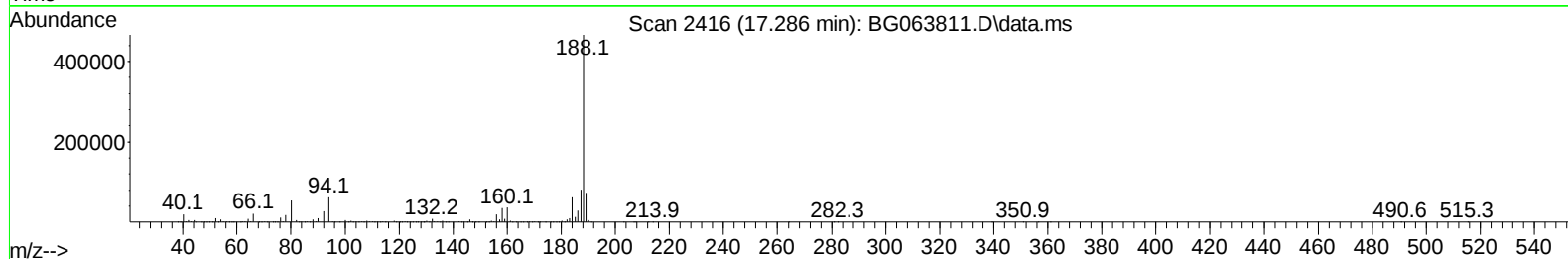
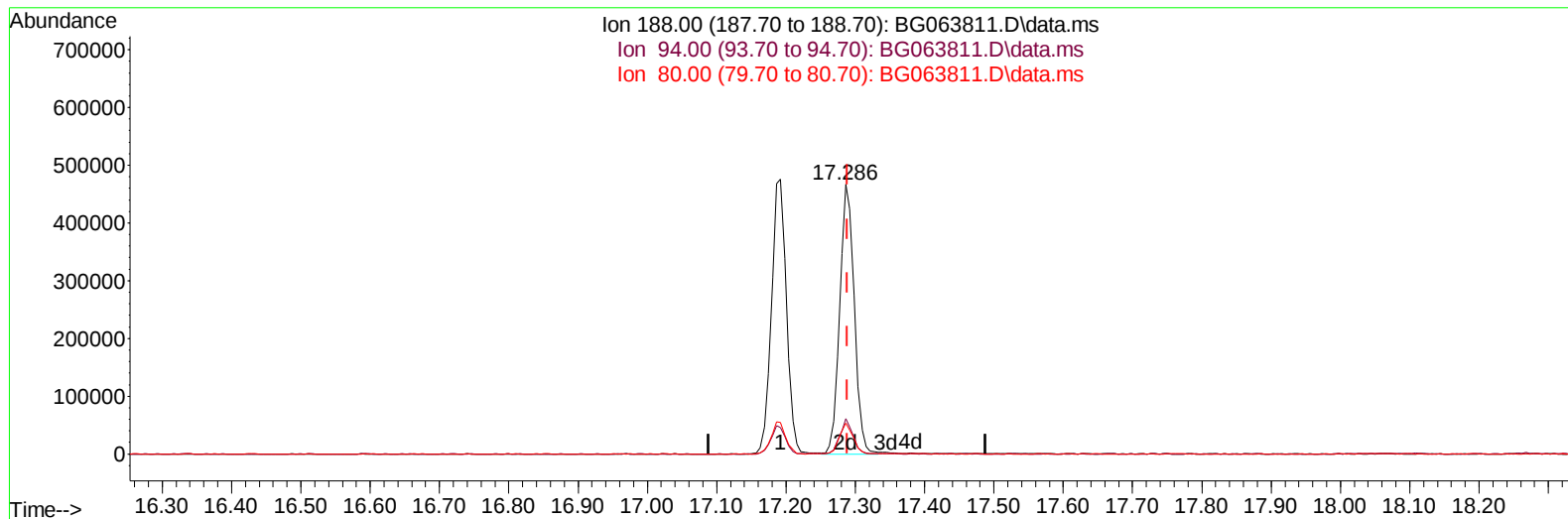
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063811.D
Acq On : 24 Dec 2024 9:13
Operator : RC/JU
Sample : P5333-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2923

Manual IntegrationsAPPROVED

Quant Time: Dec 25 00:20:07 2024
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TIC: BG063811.D\data.ms

(73) Anthracene-d10 (S)

17.286min (-0.002) 22.14 ng/u1 m

response 681590

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.70	13.09#
80.00	10.80	11.54
0.00	0.00	0.00

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 ALS Vial : 36 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Quant Time: Dec 25 00:23:21 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	83237	20.000	ng/ul	0.00
20) Naphthalene-d8	10.582	136	350672	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.437	164	280621	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	716091	20.000	ng/ul	0.00
79) Chrysene-d12	21.434	240	754014	20.000	ng/ul	# 0.00
88) Perylene-d12	24.448	264	783091	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.261	96	8268	3.893	ng/uL	0.00
4) Pyridine-d5	3.667	84	113373	16.920	ng/ul	0.00
7) Phenol-d5	6.986	99	151268	19.732	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	99491	18.791	ng/ul	0.00
11) 2-Chlorophenol-d4	7.339	132	100884	20.327	ng/ul	0.00
15) 4-Methylphenol-d8	8.514	113	105122	17.662	ng/ul	0.00
21) Nitrobenzene-d5	8.955	128	50283	20.082	ng/ul	0.00
24) 2-Nitrophenol-d4	9.672	143	59901	21.343	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.224	165	115081	21.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.729	131	121416	17.597	ng/ul	0.00
46) Dimethylphthalate-d6	13.843	166	433039	22.678	ng/ul	0.00
49) Acenaphthylene-d8	14.131	160	464585	21.343	ng/ul	0.00
54) 4-Nitrophenol-d4	14.672	143	51947m	19.201	ng/ul	0.00
60) Fluorene-d10	15.435	176	365714	21.662	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.571	200	49551m	13.327	ng/ul	0.00
73) Anthracene-d10	17.286	188	681590m	22.139	ng/ul	0.00
81) Pyrene-d10	19.589	212	782782	19.950	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.243	264	670987	18.246	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.233	178	60188	1.744	ng/ul	95
80) Fluoranthene	19.254	202	139357	3.125	ng/ul	97
82) Pyrene	19.619	202	124454	2.623	ng/ul	99
85) Benzo(a)anthracene	21.417	228	72643	1.537	ng/ul	96
87) Chrysene	21.481	228	68603	1.523	ng/ul	97
90) Benzo(b)fluoranthene	23.508	252	81220	1.825	ng/ul	97
93) Benzo(a)pyrene	24.307	252	60405	1.446	ng/ul	99

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

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