

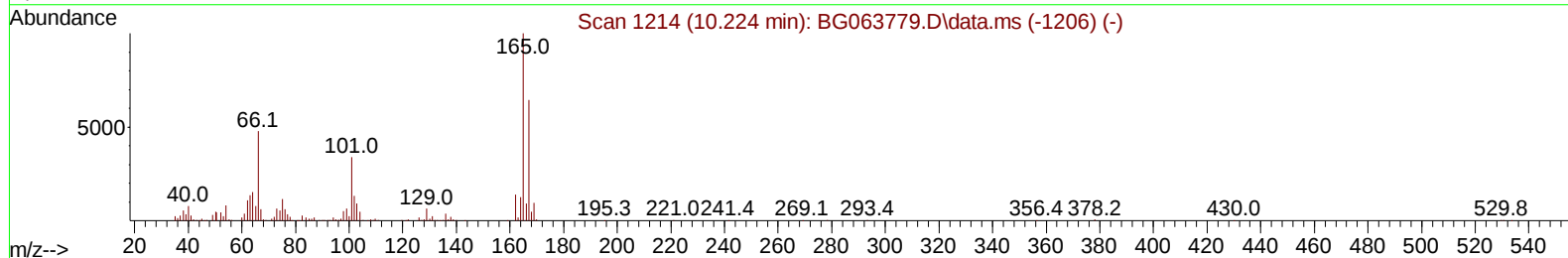
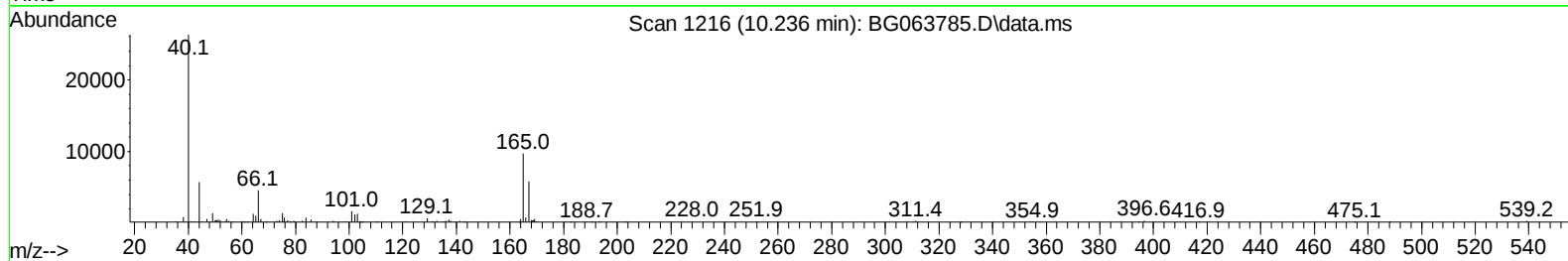
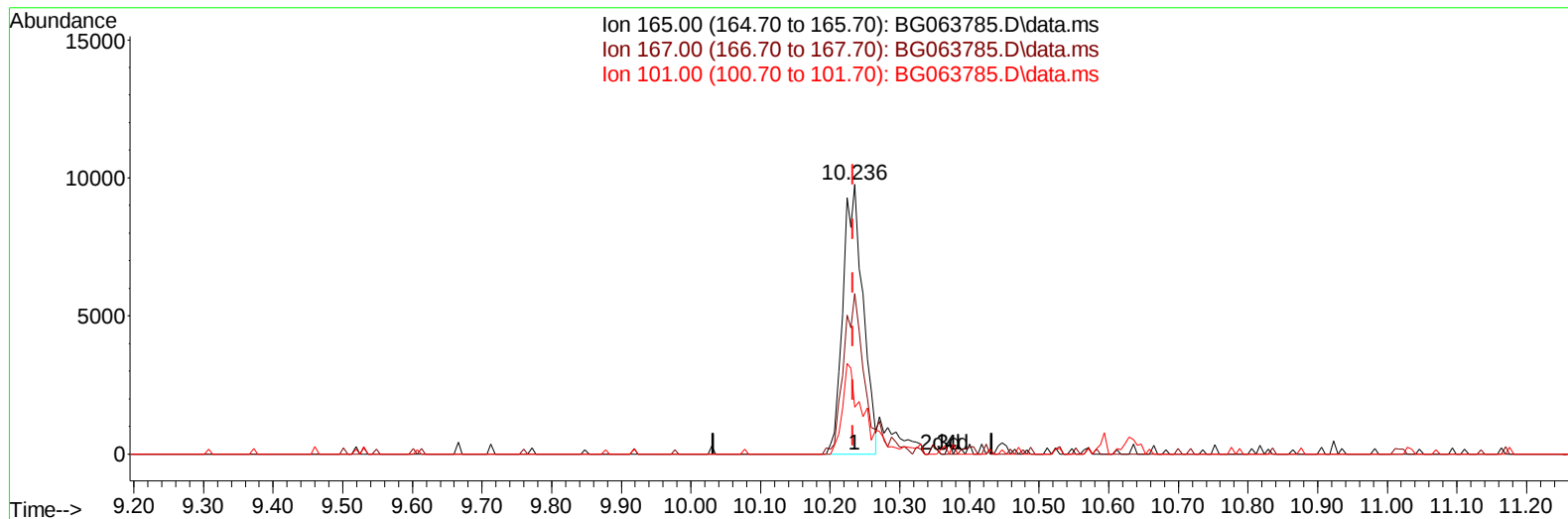
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:29:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.236min (+ 0.003) 3.05 ng/u1

response 19567

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	68.10	59.66
101.00	35.50	17.40#
0.00	0.00	0.00

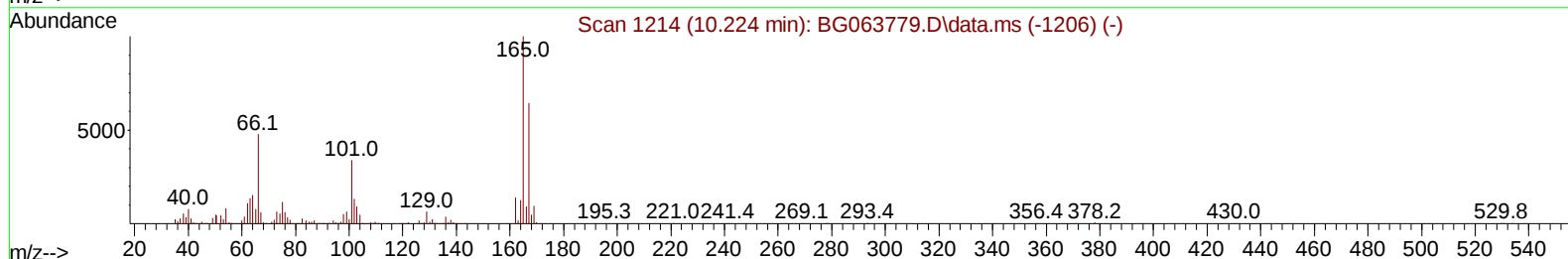
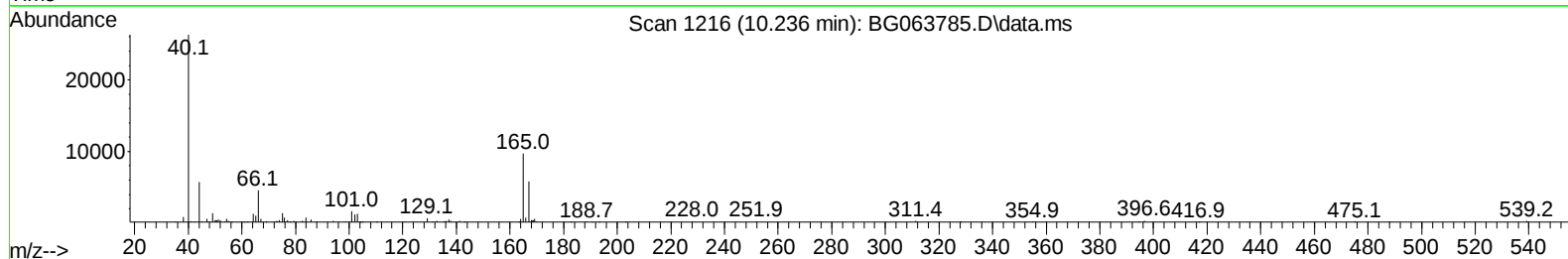
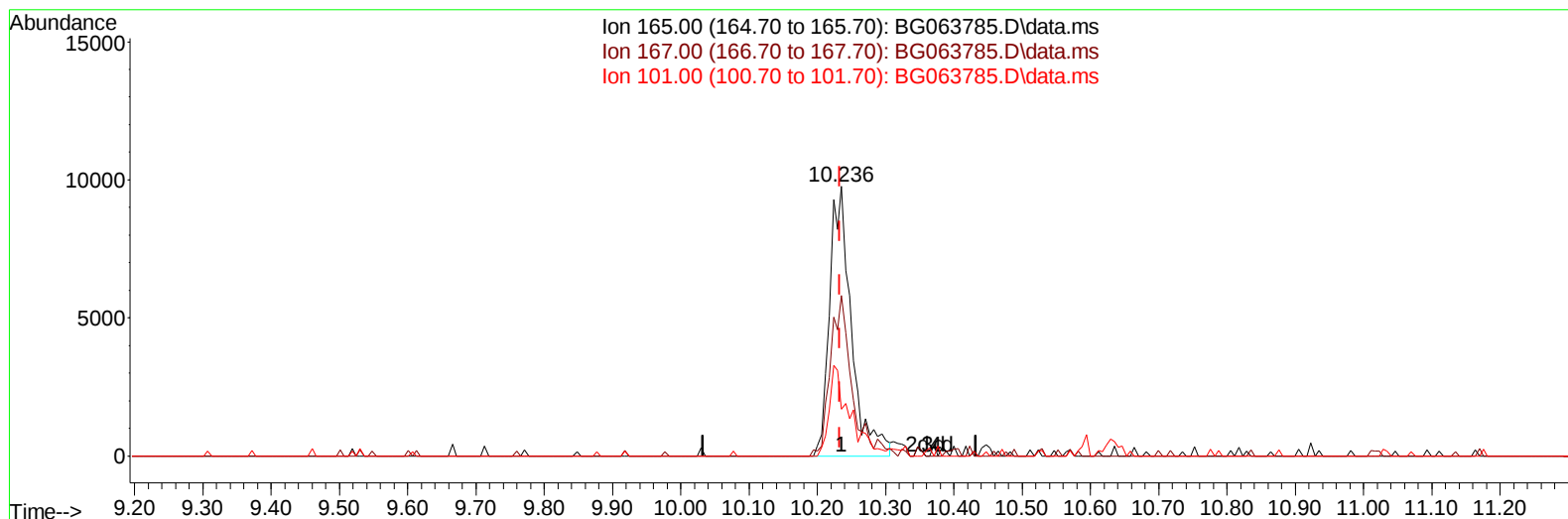
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:29:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.236min (+ 0.003) 3.36 ng/ul m

response 21545

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	68.10	59.66
101.00	35.50	17.40#
0.00	0.00	0.00

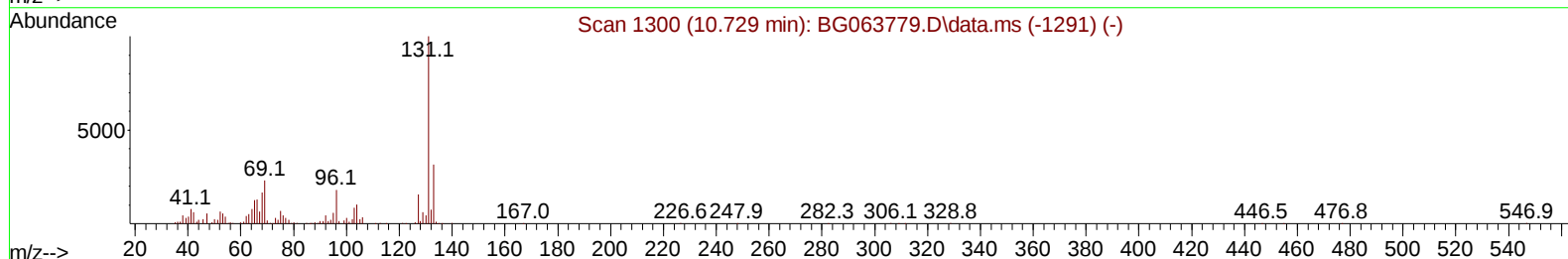
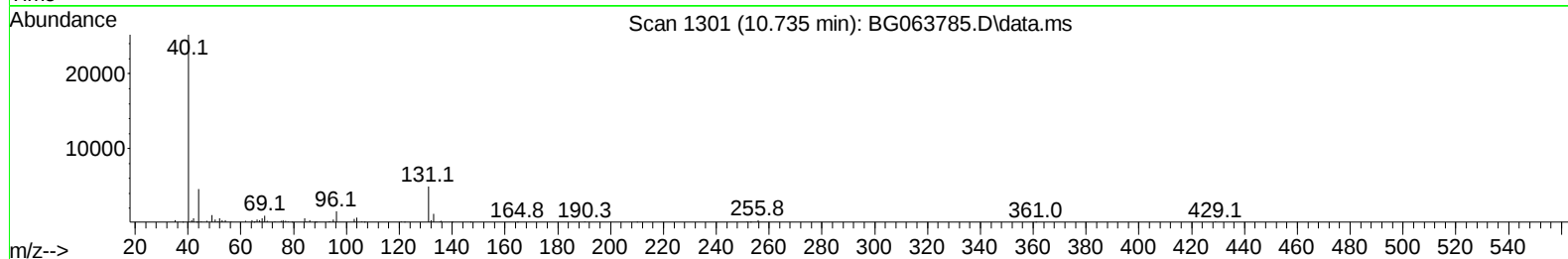
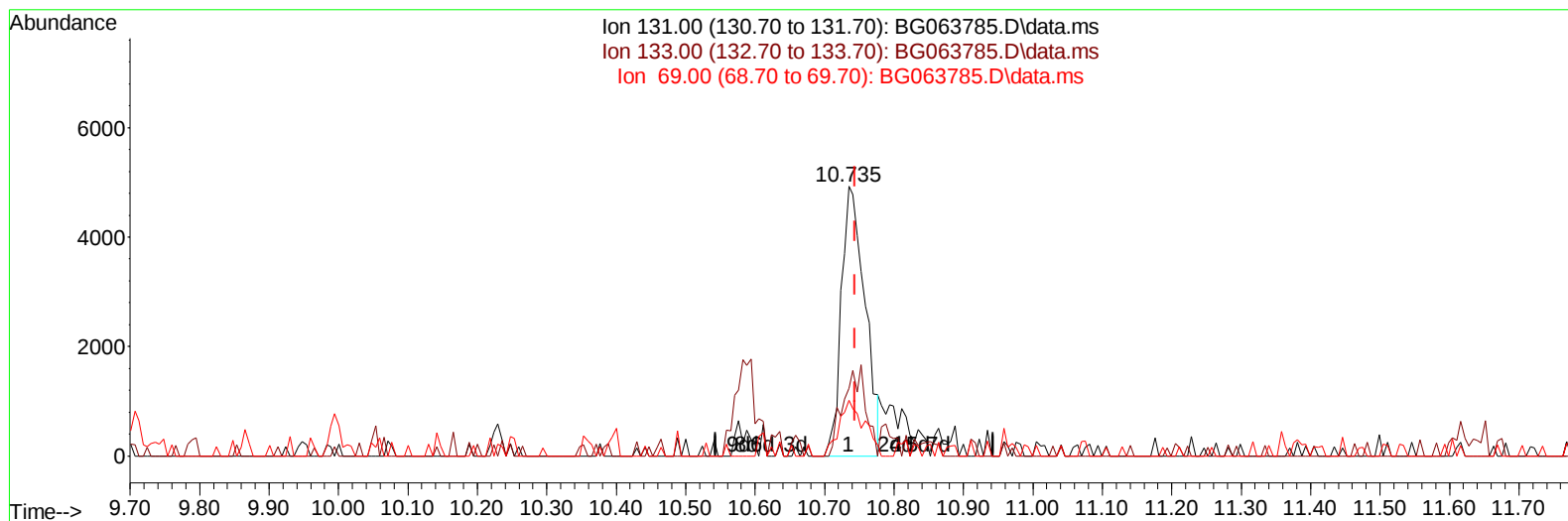
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:29:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.735min (-0.009) 1.42 ng/u1

response 11581

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.30	25.06#
69.00	23.80	20.71
0.00	0.00	0.00

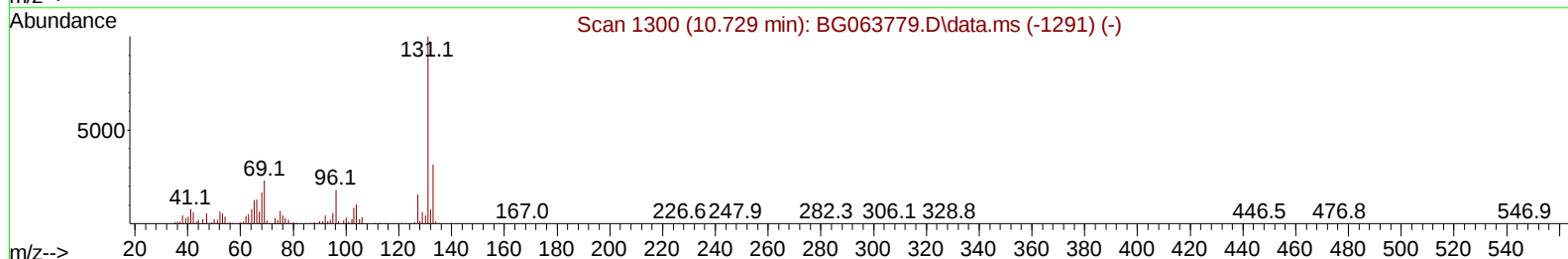
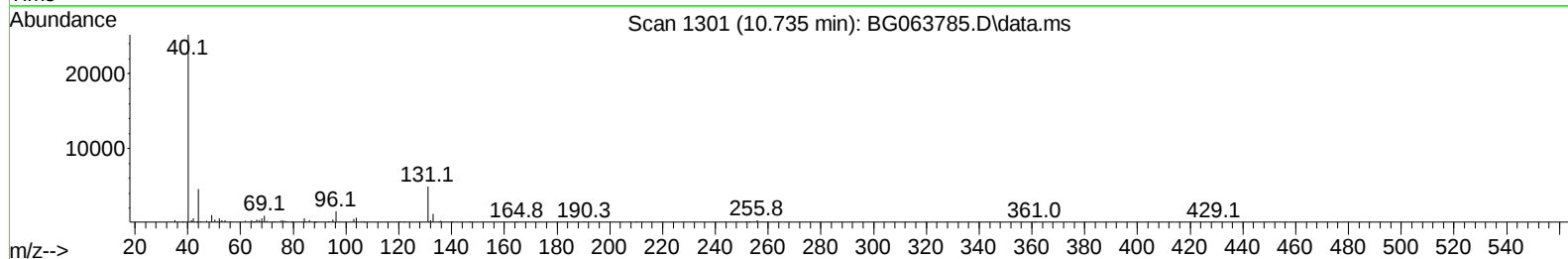
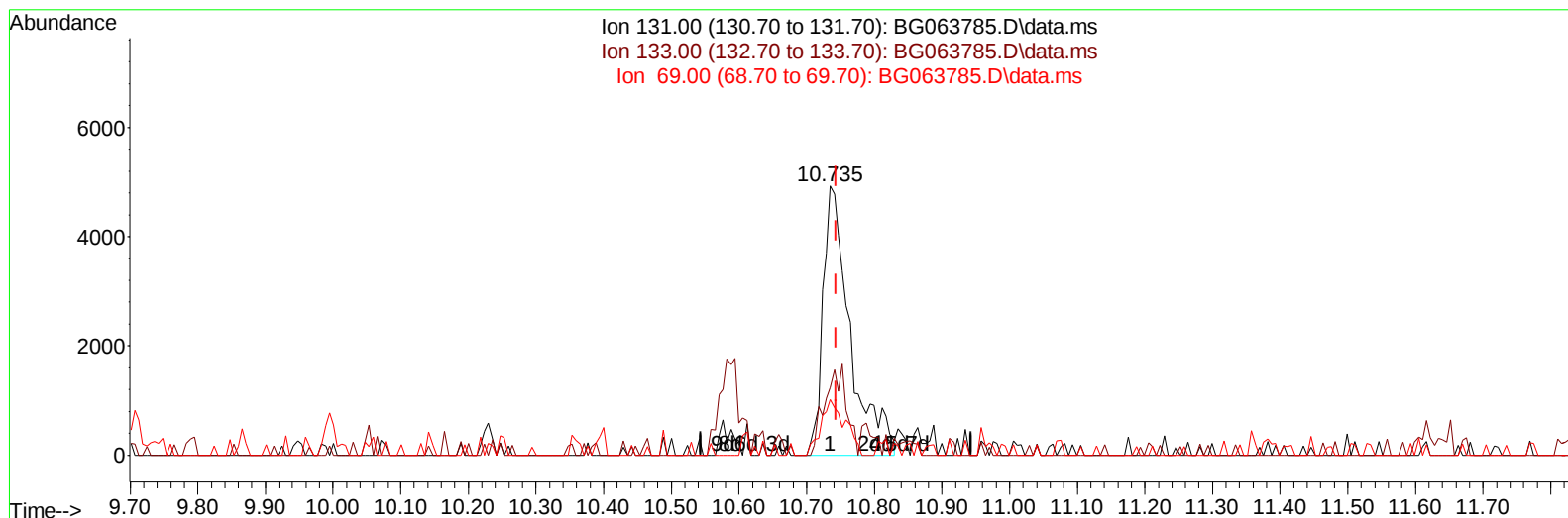
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:29:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.735min (-0.009) 1.69 ng/ul m

response 13778

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.30	25.06#
69.00	23.80	20.71
0.00	0.00	0.00

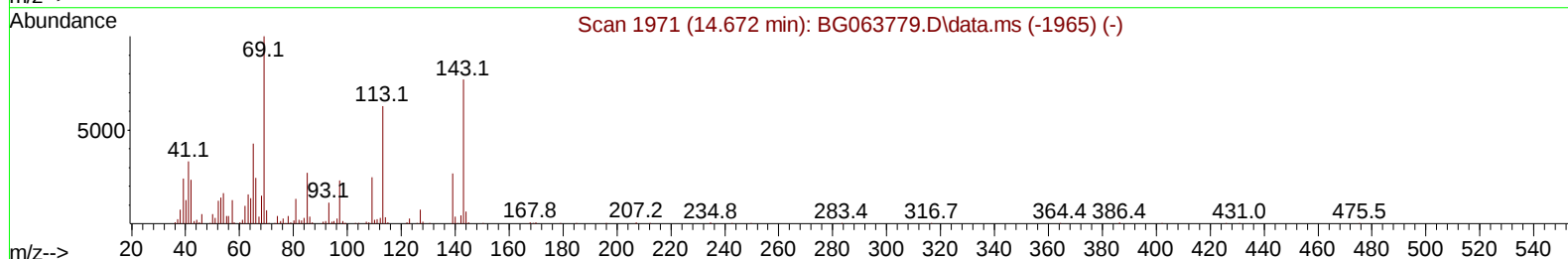
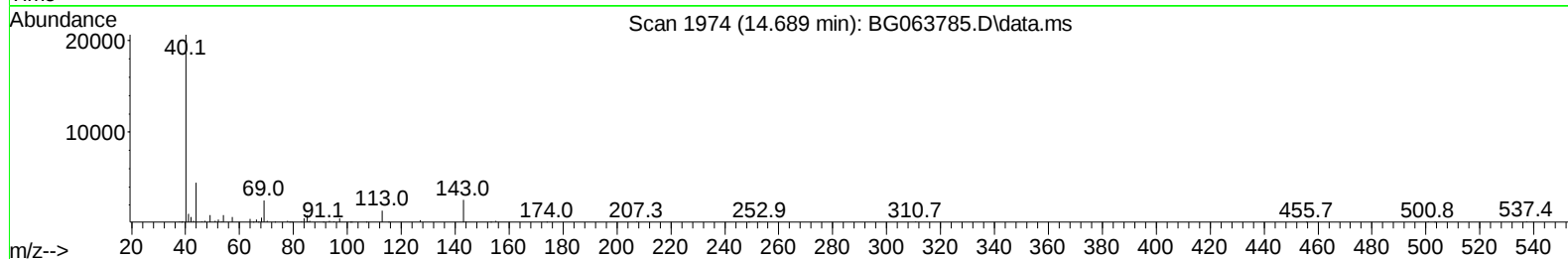
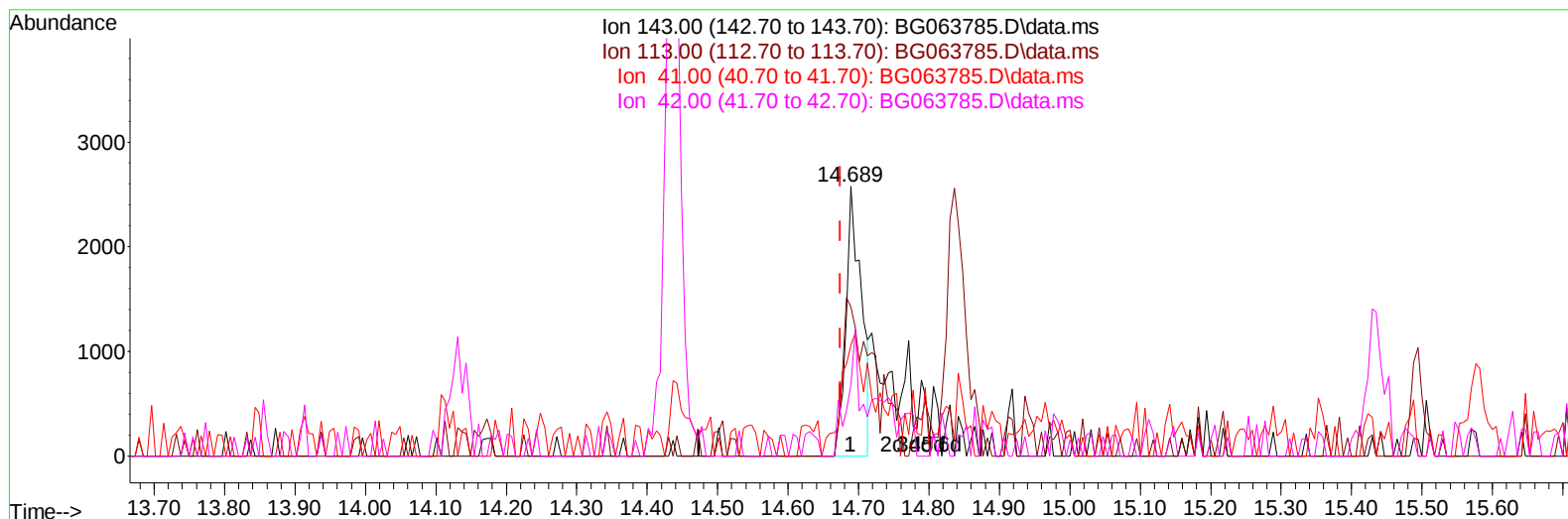
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:25:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.689min (+ 0.015) 1.24 ng/u1

response 3870

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	55.20#
41.00	48.20	41.07
42.00	26.60	26.59

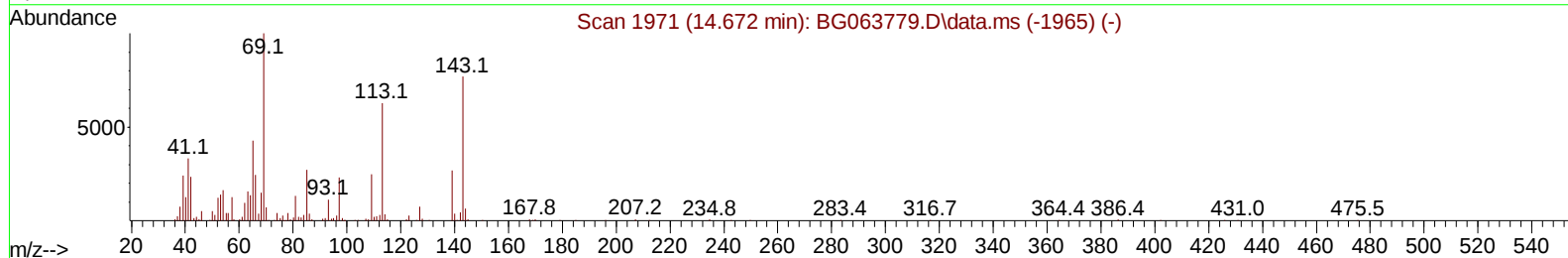
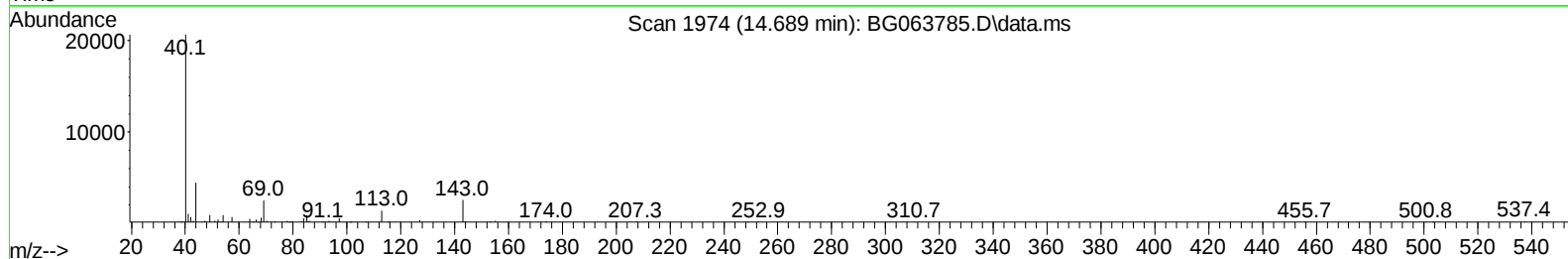
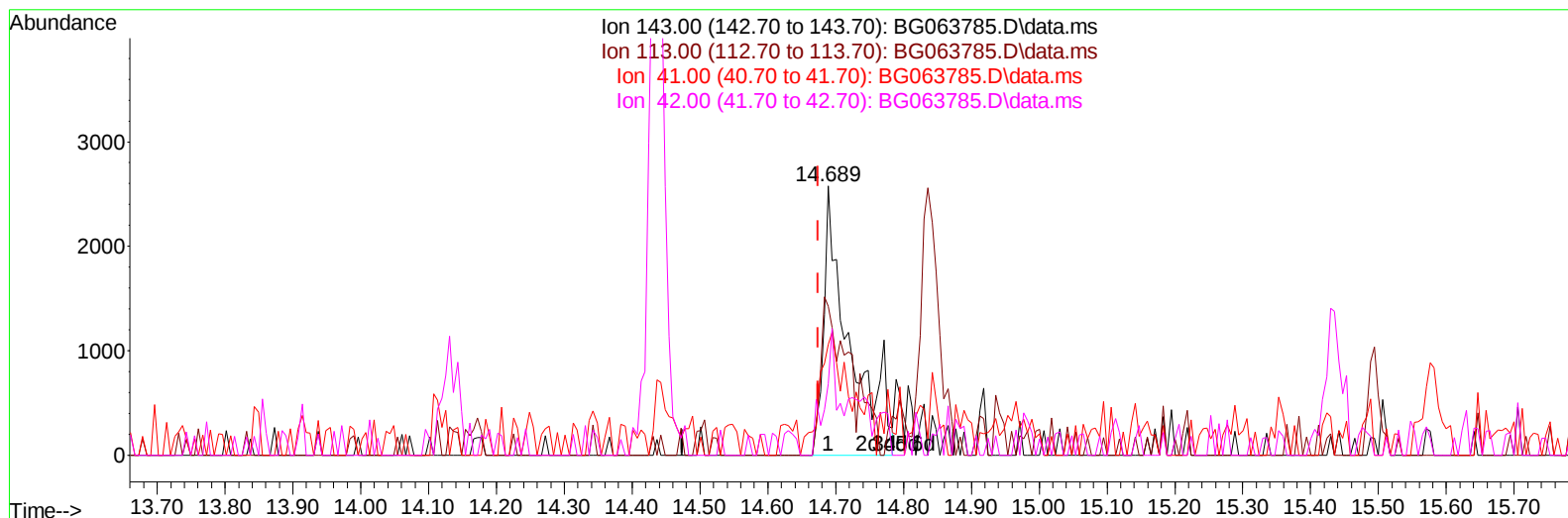
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063785.D
 Acq On : 23 Dec 2024 15:44
 Operator : RC/JU
 Sample : P5265-18MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:25:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.689min (+ 0.015) 2.17 ng/ul m

response 6794

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	55.20#
41.00	48.20	41.07
42.00	26.60	26.59

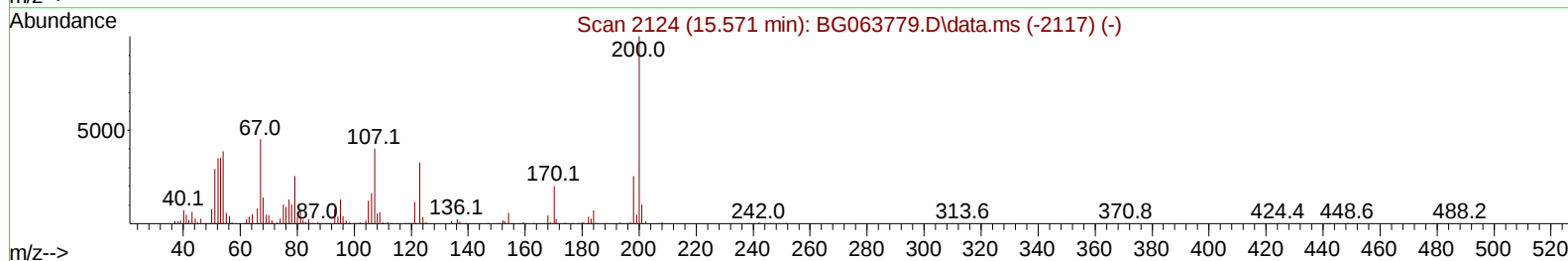
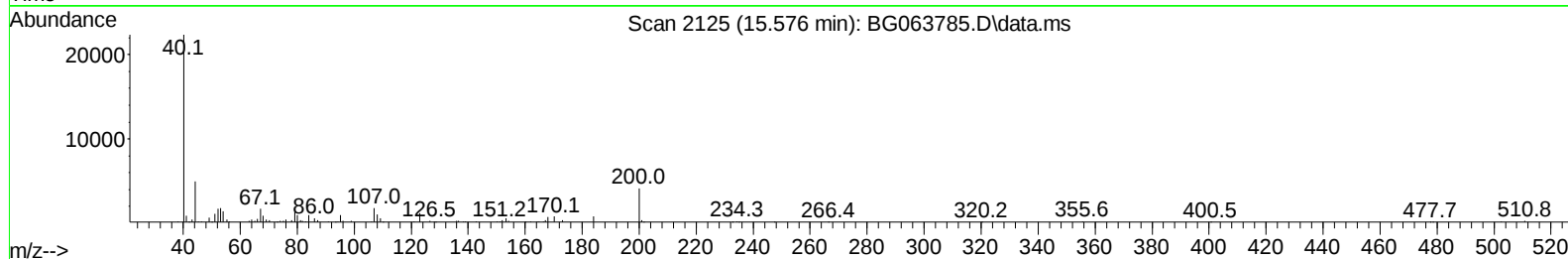
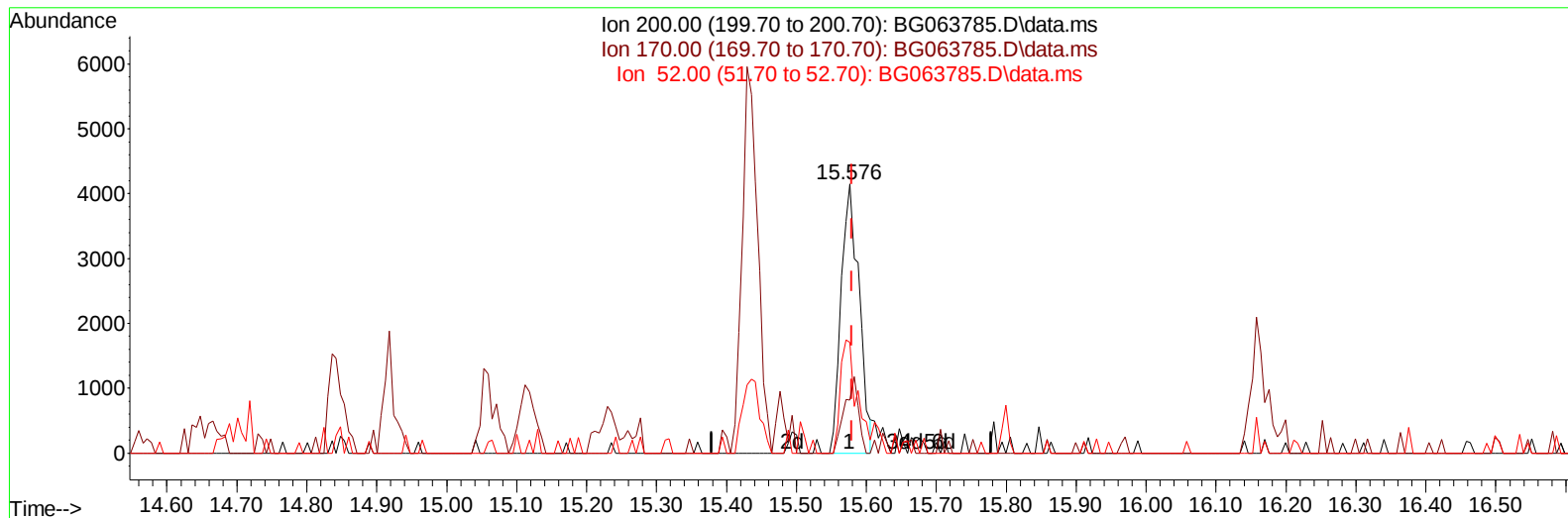
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:29:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

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

15.576min (-0.003) 1.71 ng/u1

response 7472

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	19.77
52.00	43.10	41.13
0.00	0.00	0.00

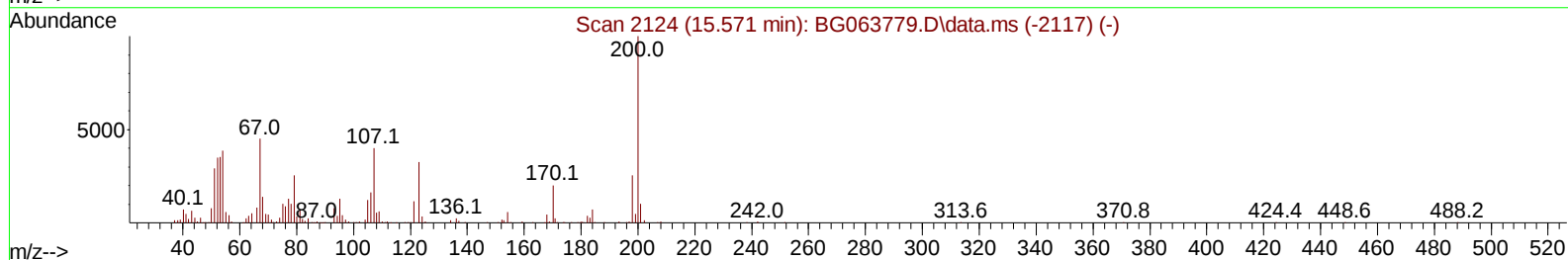
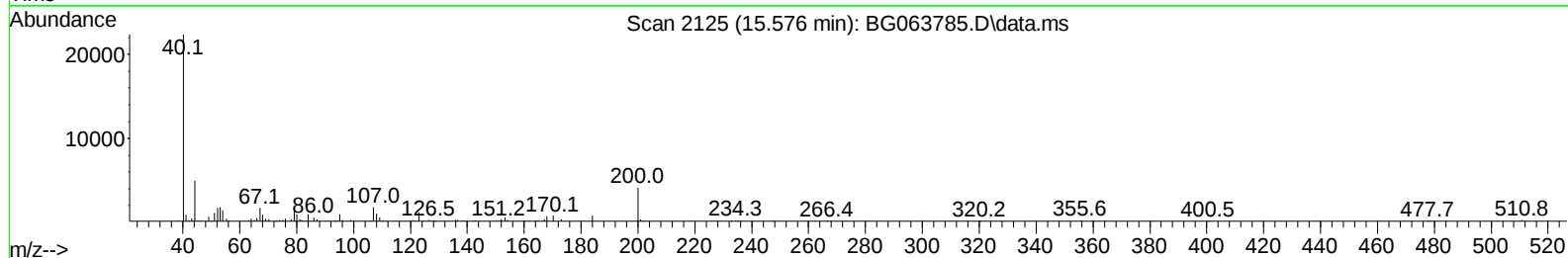
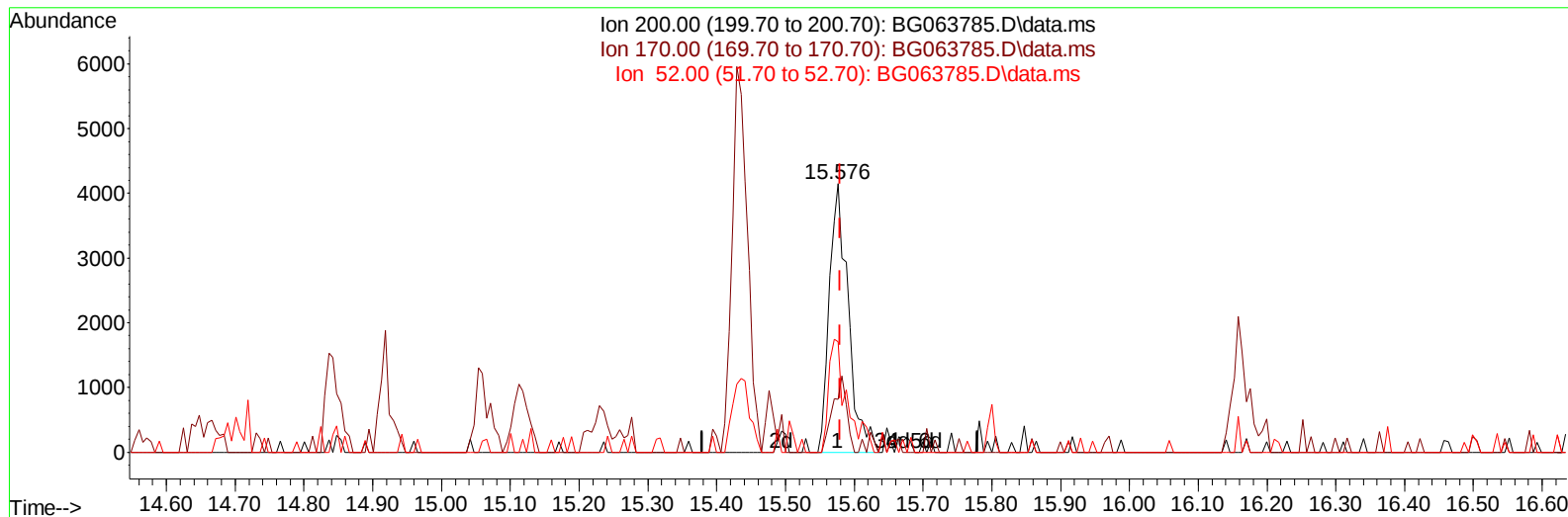
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:29:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

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

15.576min (-0.003) 1.82 ng/ul m

response 7928

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	19.77
52.00	43.10	41.13
0.00	0.00	0.00

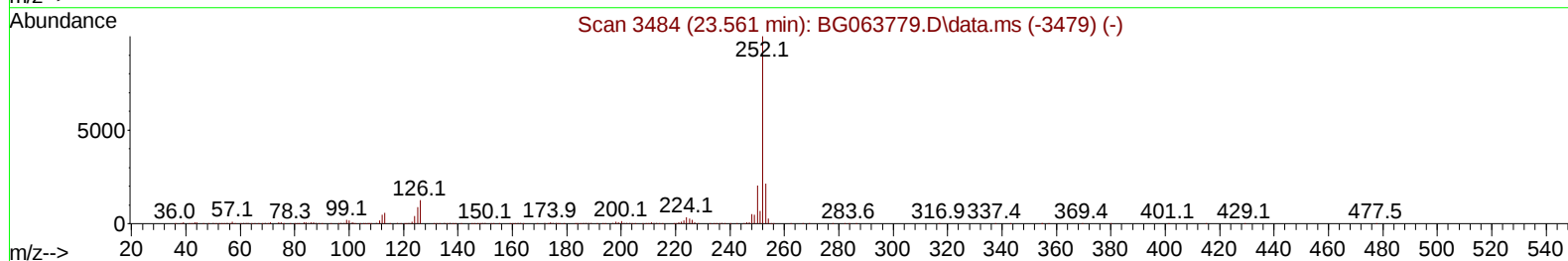
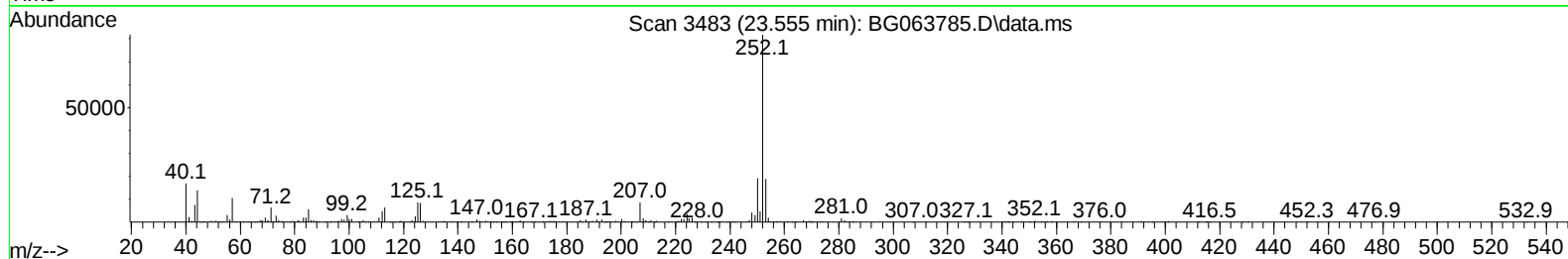
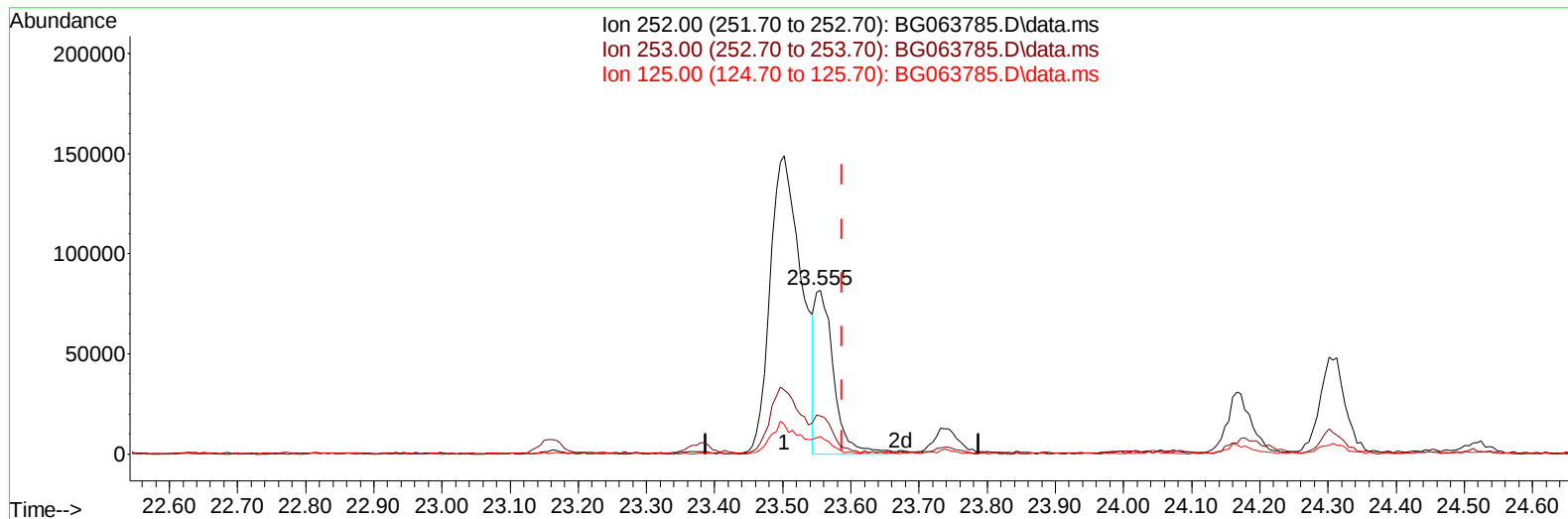
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:25:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

(91) Benzo(k)fluoranthene

23.555min (-0.032) 2.91 ng/u1 m

response 153699

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.14
125.00	8.10	10.58#
0.00	0.00	0.00

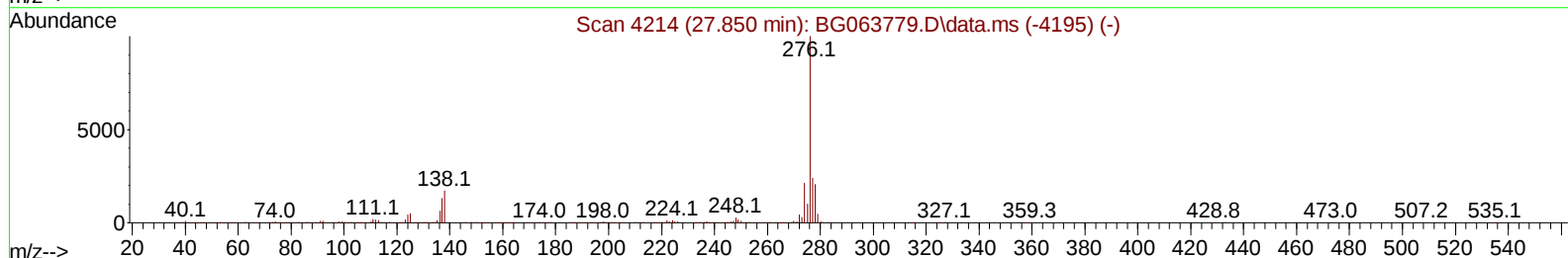
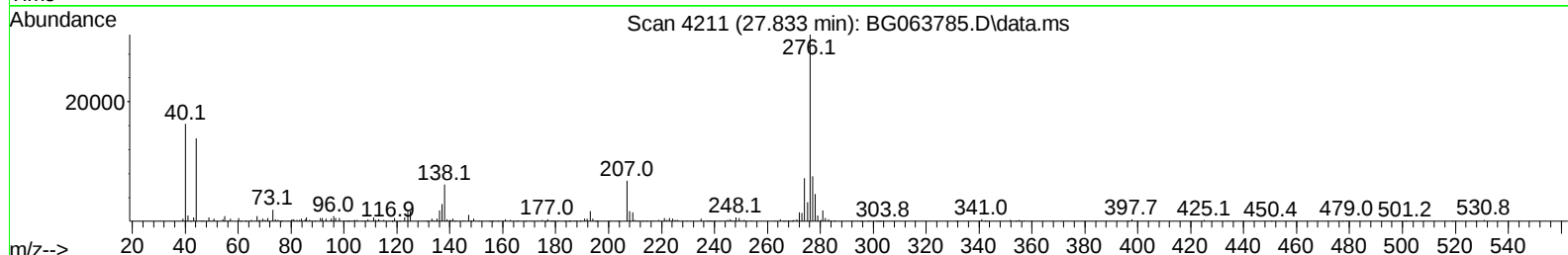
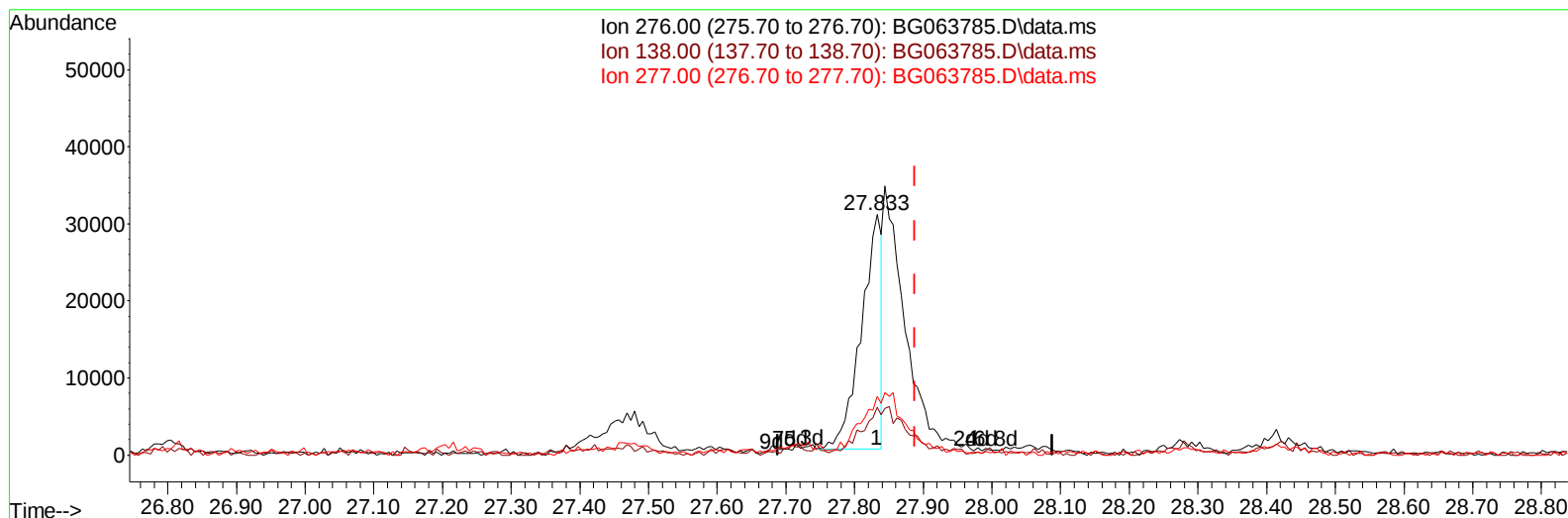
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063785.D
 Acq On : 23 Dec 2024 15:44
 Operator : RC/JU
 Sample : P5265-18MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:25:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.833min (-0.056) 1.04 ng/u1

response 62997

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	19.99
277.00	23.00	24.40
0.00	0.00	0.00

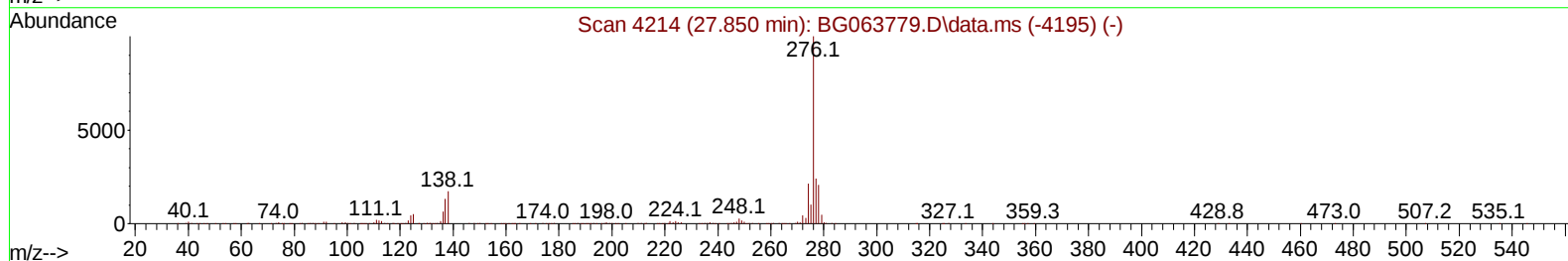
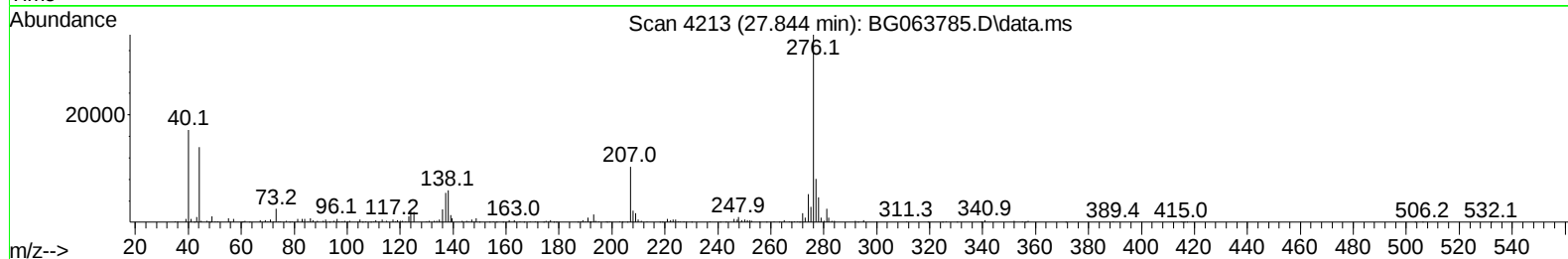
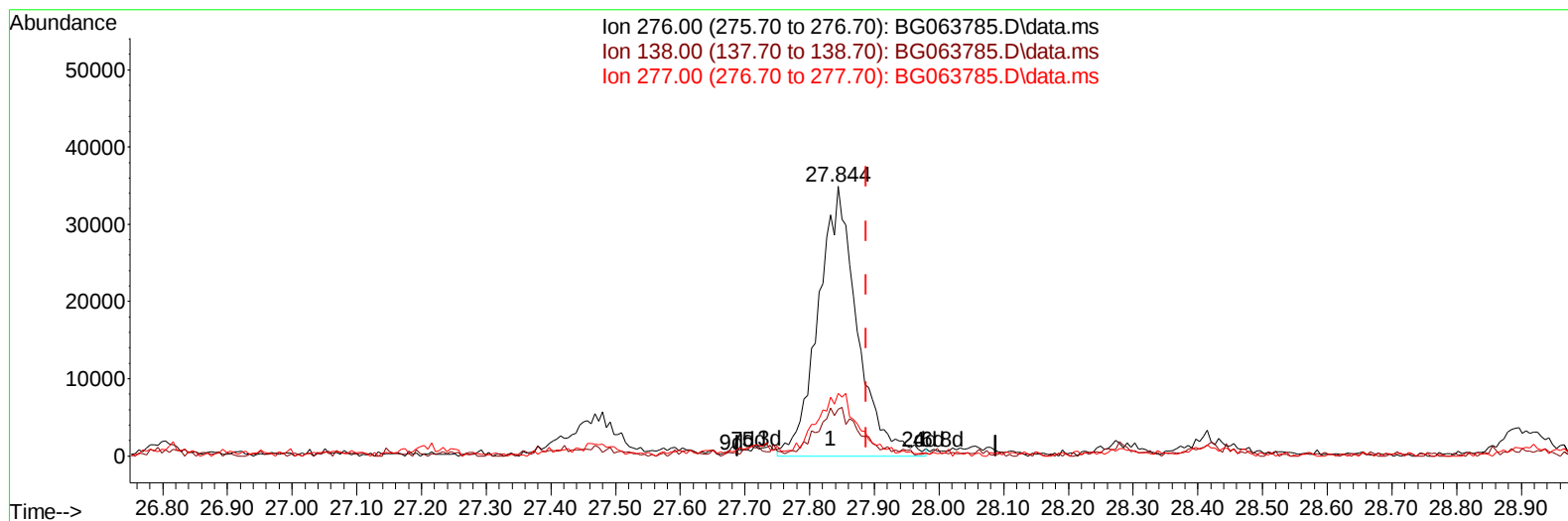
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063785.D
 Acq On : 23 Dec 2024 15:44
 Operator : RC/JU
 Sample : P5265-18MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:25:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024



TIC: BG063785.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.844min (-0.044) 2.41 ng/ul m

response 146419

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	17.42
277.00	23.00	23.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063785.D
 Acq On : 23 Dec 2024 15:44
 Operator : RC/JU
 Sample : P5265-18MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 24 00:00:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152		98495	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.588	136		414258	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.437	164		324552	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.192	188		840227	20.000	ng/ul	-0.01
79) Chrysene-d12	21.440	240		911812	20.000	ng/ul	-0.02
88) Perylene-d12	24.448	264		932000	20.000	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.256	96		1692	0.673	ng/uL	-0.02
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.986	99		28501	3.142	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.127	67		18630	2.974	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.333	132		18017	3.068	ng/ul	-0.01
15) 4-Methylphenol-d8	8.526	113		15319	2.175	ng/ul	0.00
21) Nitrobenzene-d5	8.961	128		9168	3.100	ng/ul	0.00
24) 2-Nitrophenol-d4	9.677	143		9768	2.946	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.236	165		21545m	3.356	ng/ul	0.00
31) 4-Chloroaniline-d4	10.735	131		13778m	1.690	ng/ul	0.00
46) Dimethylphthalate-d6	13.843	166		85973	3.893	ng/ul	-0.01
49) Acenaphthylene-d8	14.131	160		99111	3.937	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.689	143		6794m	2.171	ng/ul	0.01
60) Fluorene-d10	15.435	176		79929	4.094	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.576	200		7928m	1.817	ng/ul	0.00
73) Anthracene-d10	17.286	188		162308	4.493	ng/ul	-0.02
81) Pyrene-d10	19.583	212		163610	3.448	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.243	264		105189	2.403	ng/ul	-0.03
Target Compounds							
						Qvalue	
16) Acetophenone	8.620	105		17287	1.447	ng/ul	88
30) Naphthalene	10.635	128		27357	1.321	ng/ul	97
52) Acenaphthene	14.501	153		42695	2.232	ng/ul	96
56) Dibenzofuran	14.842	168		77784	2.884	ng/ul	92
61) Fluorene	15.494	166		47165	2.190	ng/ul	97
72) Phenanthrene	17.233	178		1215795	30.027	ng/ul	98
74) Anthracene	17.321	178		65445	1.597	ng/ul	95
77) Carbazole	17.598	167		91093	2.746	ng/ul	97
80) Fluoranthene	19.254	202		1346304	24.964	ng/ul	97
82) Pyrene	19.619	202		794199	13.842	ng/ul	96
85) Benzo(a)anthracene	21.417	228		315313	5.518	ng/ul	97
87) Chrysene	21.481	228		401630	7.374	ng/ul	96
90) Benzo(b)fluoranthene	23.502	252		477304	9.011	ng/ul	98
91) Benzo(k)fluoranthene	23.555	252		153699m	2.909	ng/ul	
93) Benzo(a)pyrene	24.301	252		120042	2.414	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	27.844	276		146419m	2.411	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Manual IntegrationsAPPROVED

Quant Time: Dec 24 00:00:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

