

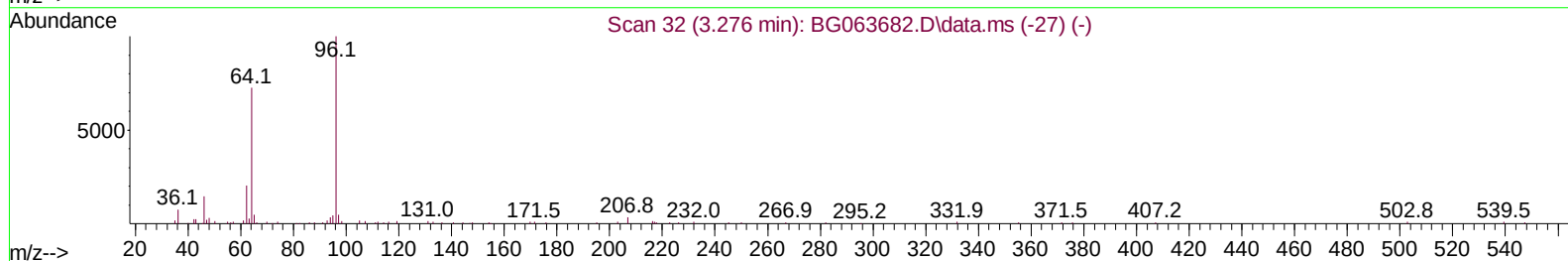
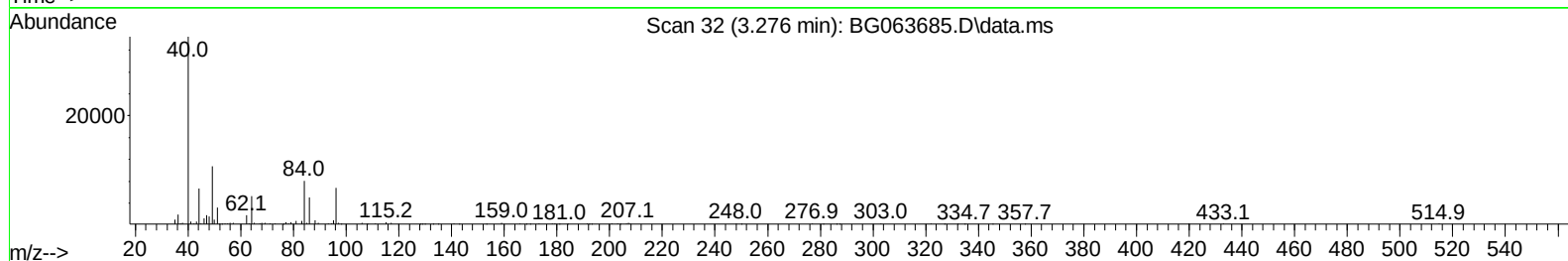
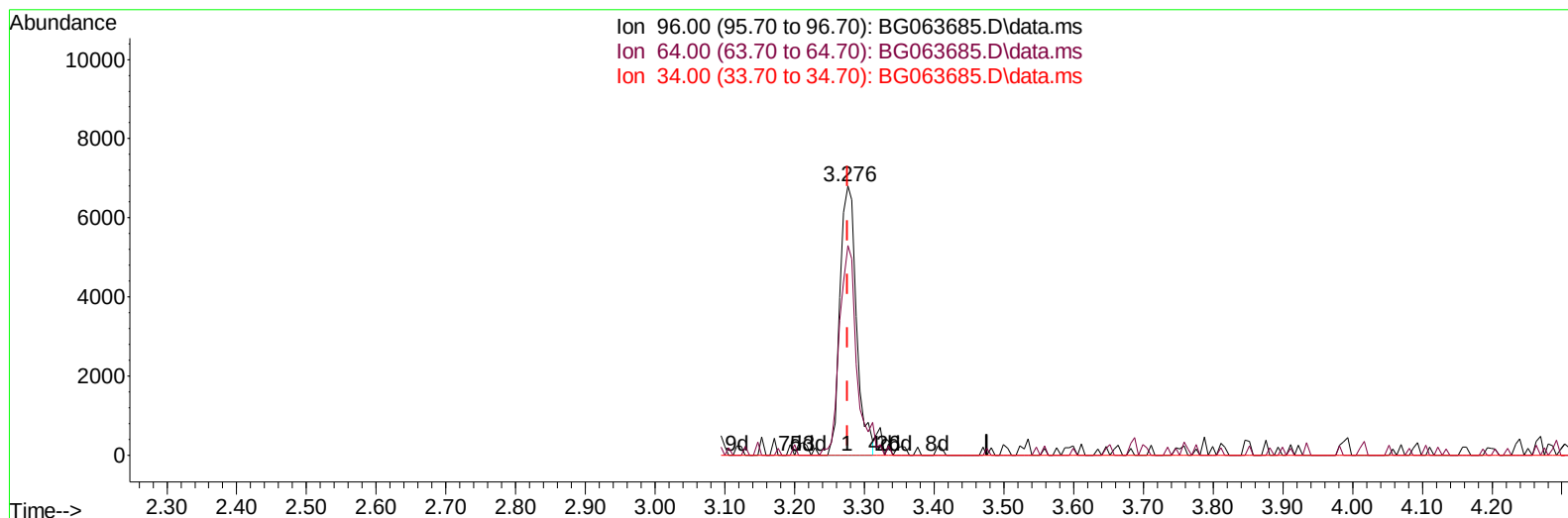
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:13:07 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 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BG063685.D\data.ms

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

3.276min (+ 0.000) 2.23 ng/uL

response 11124

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.80	77.86
34.00	0.00	0.00
0.00	0.00	0.00

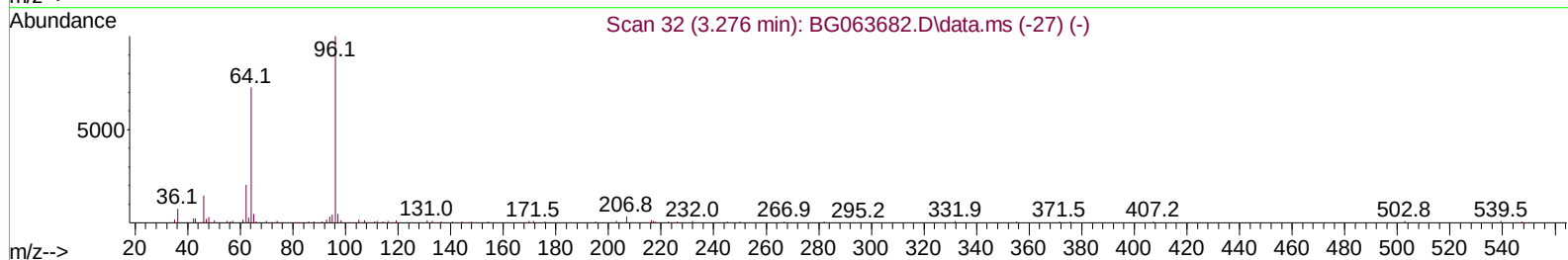
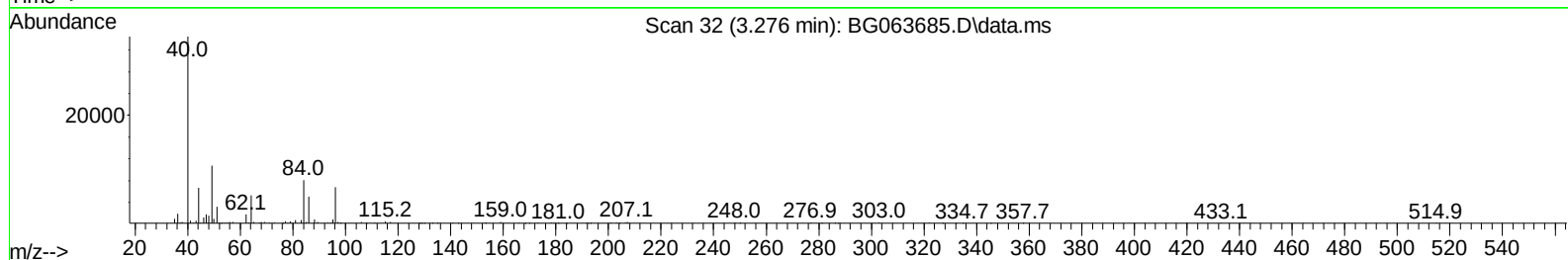
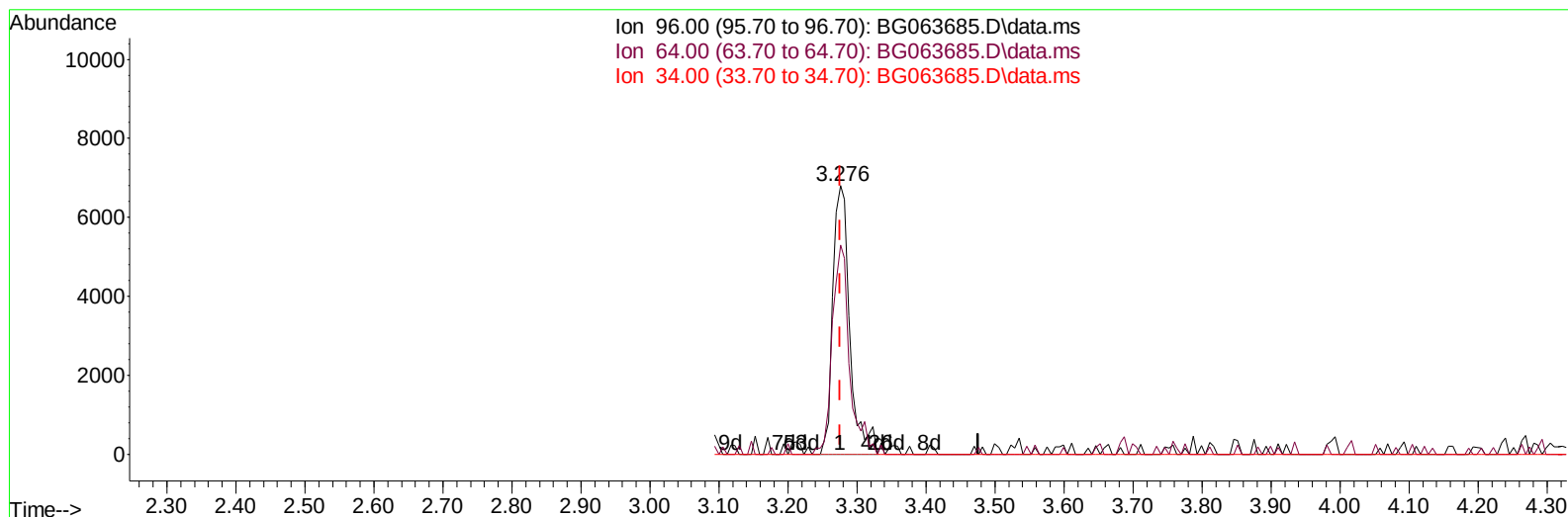
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 02:13:07 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



TIC: BG063685.D\data.ms

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

3.276min (+ 0.000) 2.31 ng/uL m

response 11553

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.80	77.86
34.00	0.00	0.00
0.00	0.00	0.00

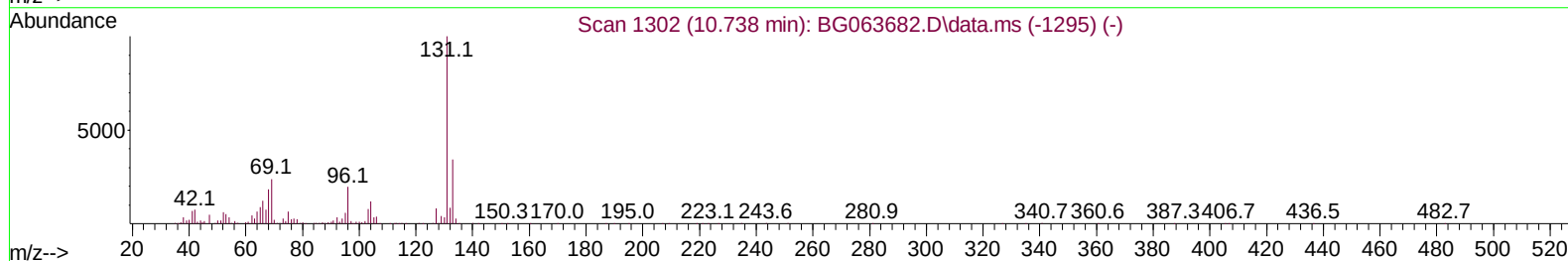
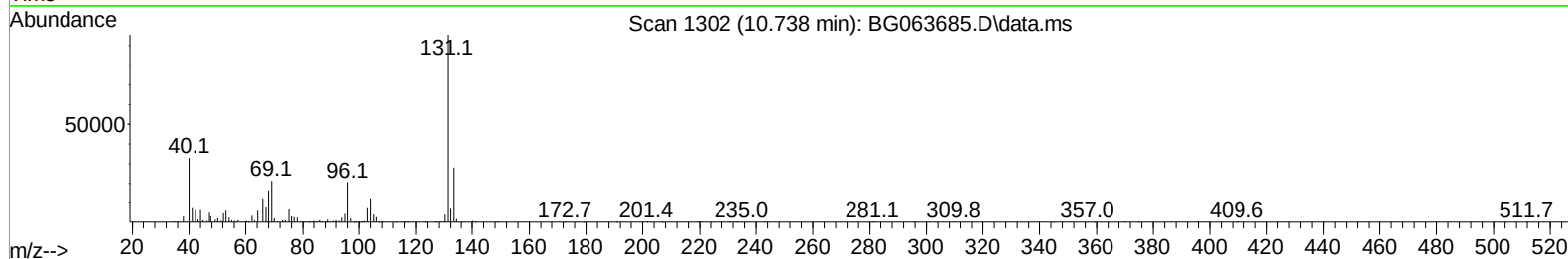
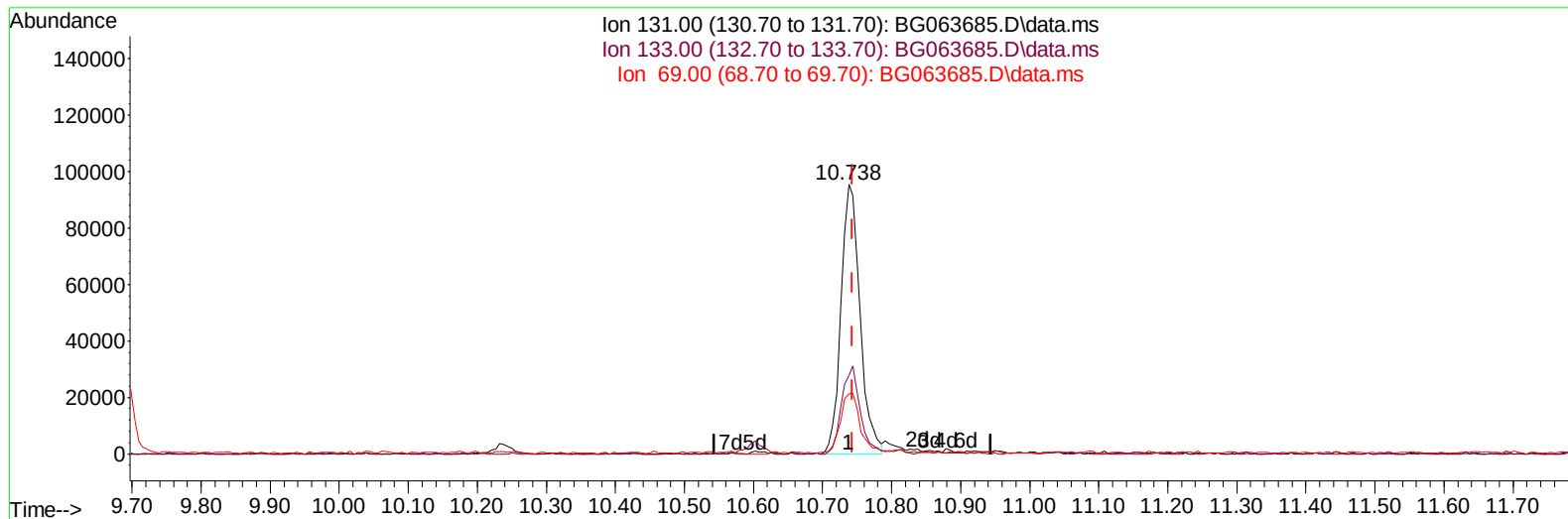
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:13:07 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 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BG063685.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.738min (-0.006) 11.11 ng/u1

response 182487

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.30	29.24
69.00	23.80	22.23
0.00	0.00	0.00

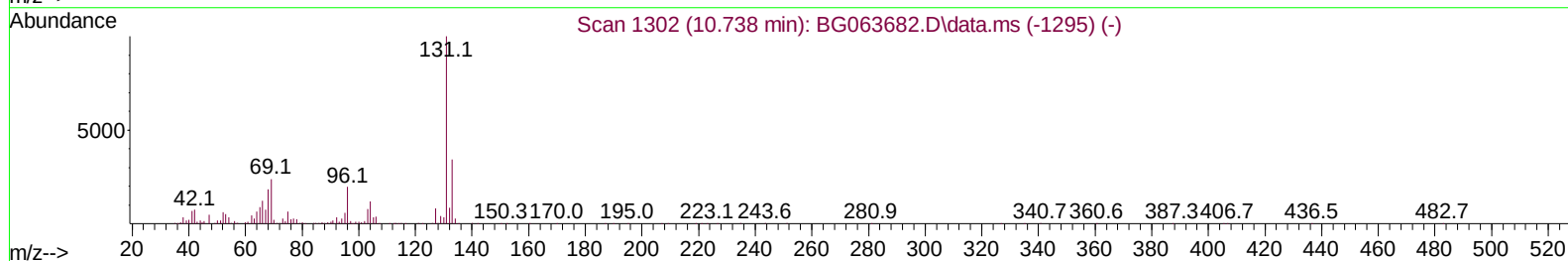
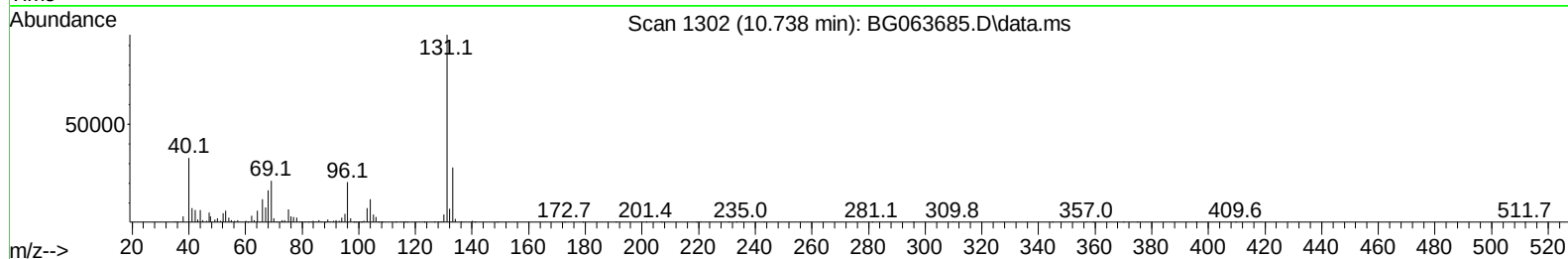
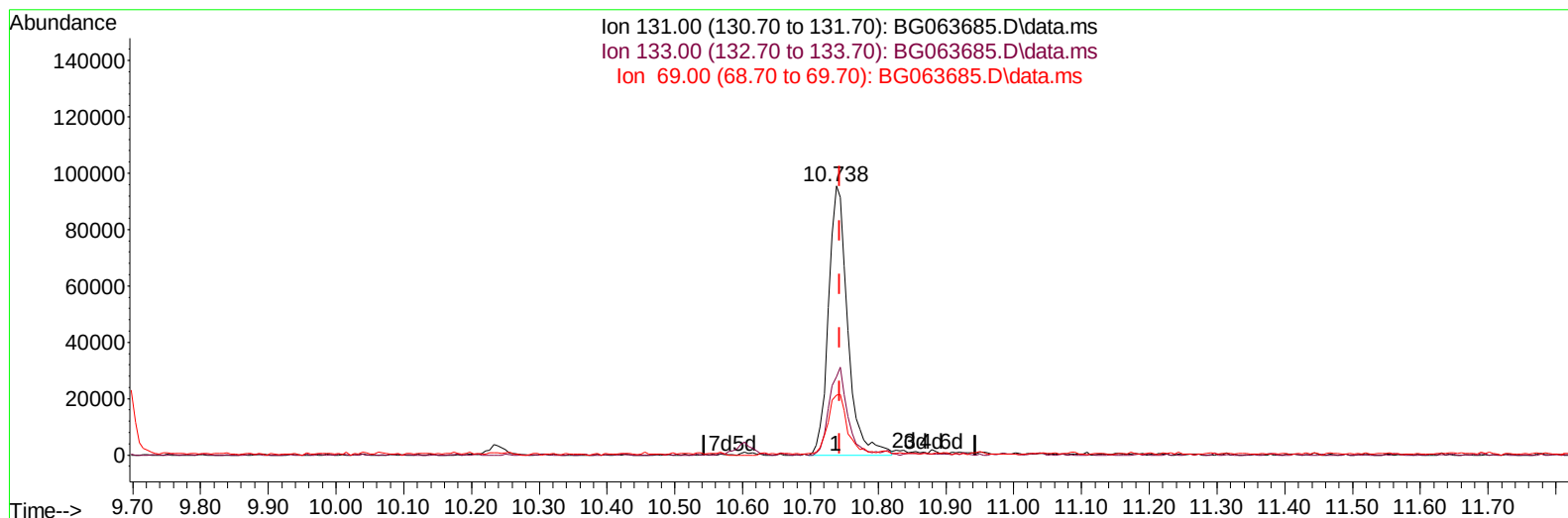
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:13:07 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 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BG063685.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.738min (-0.006) 11.48 ng/ul m

response 188604

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.30	29.24
69.00	23.80	22.23
0.00	0.00	0.00

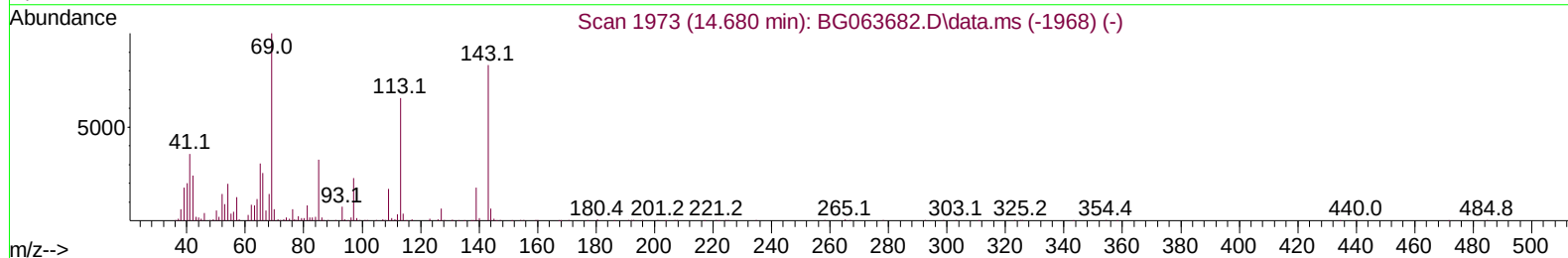
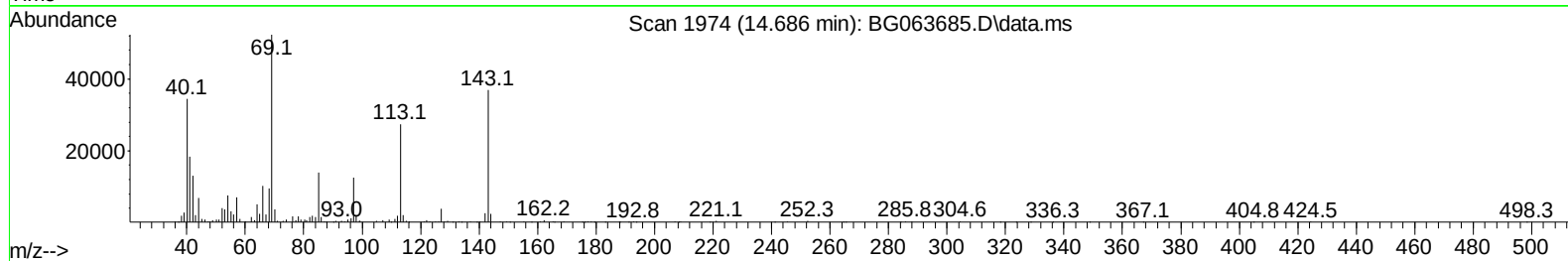
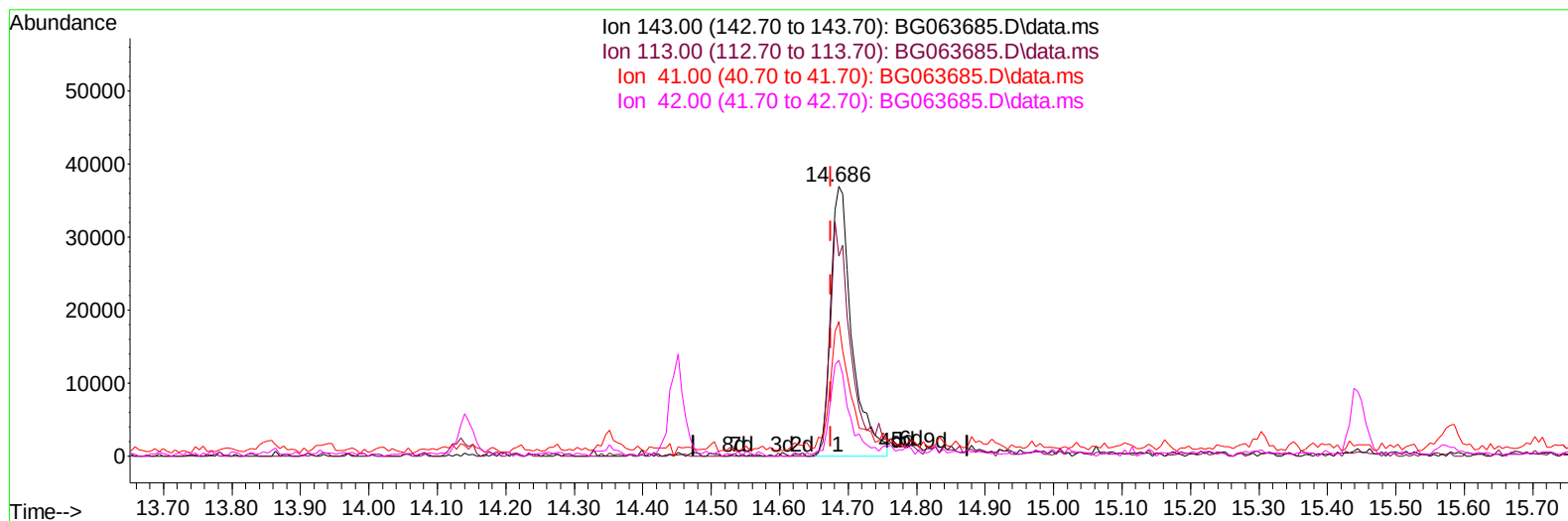
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063685.D
 Acq On : 16 Dec 2024 12:27
 Operator : RC/JU
 Sample : P5232-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:13:07 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
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Reviewed By :Yogesh Patel 12/18/2024
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TIC: BG063685.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.686min (+ 0.012) 12.95 ng/ul

response 79644

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	74.26
41.00	48.20	49.91
42.00	26.60	35.40#

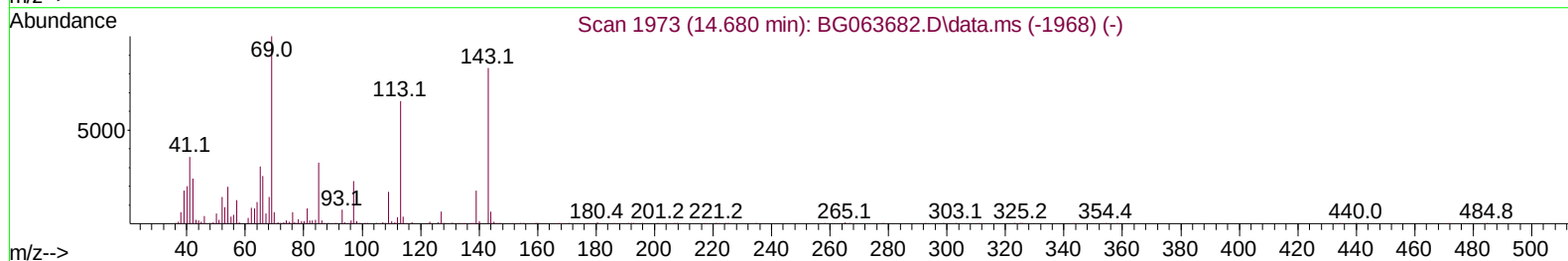
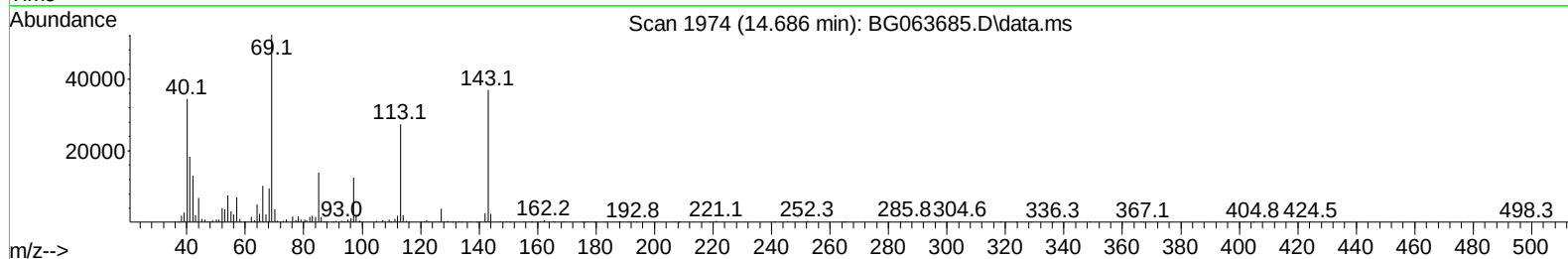
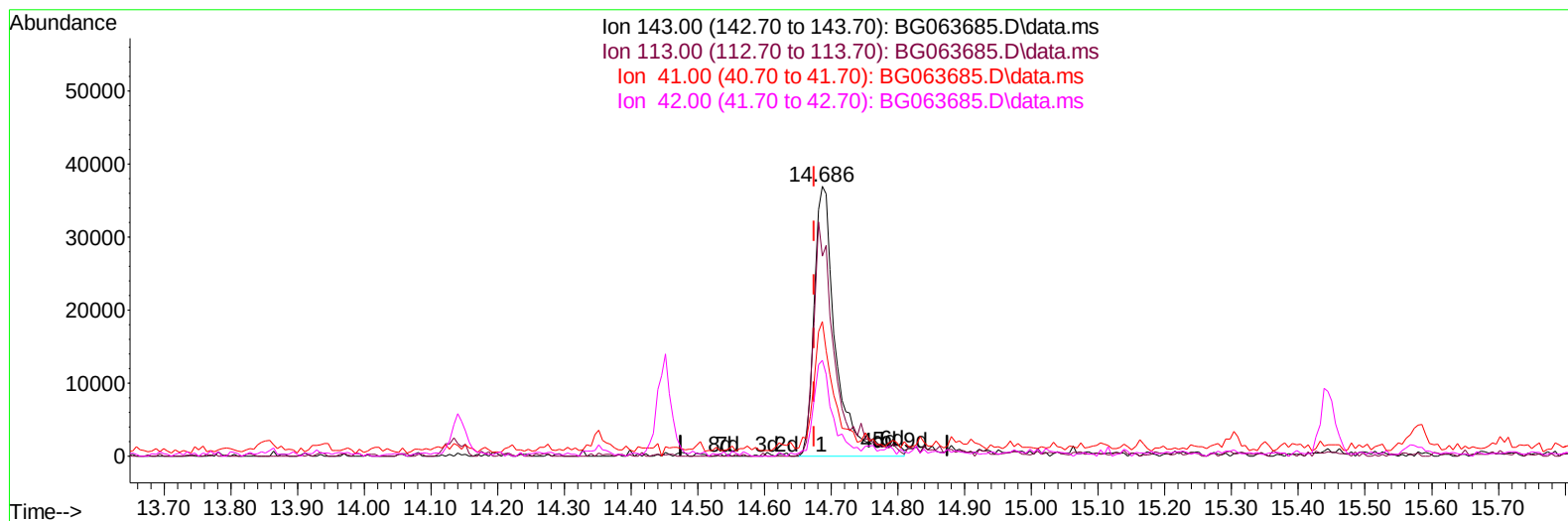
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:13:07 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 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BG063685.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.686min (+ 0.012) 13.83 ng/ul m

response 85053

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	74.26
41.00	48.20	49.91
42.00	26.60	35.40#

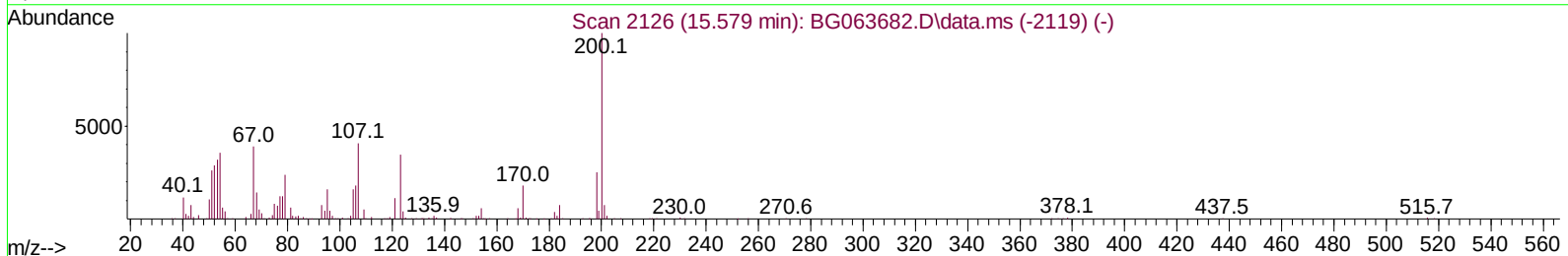
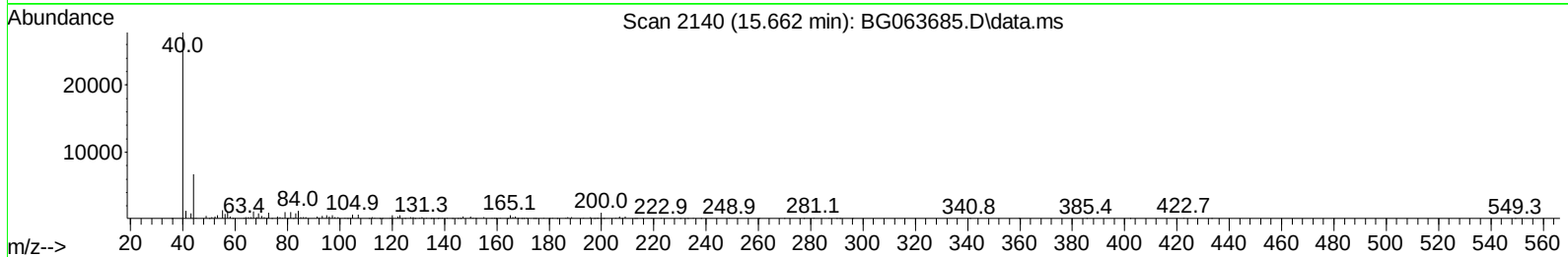
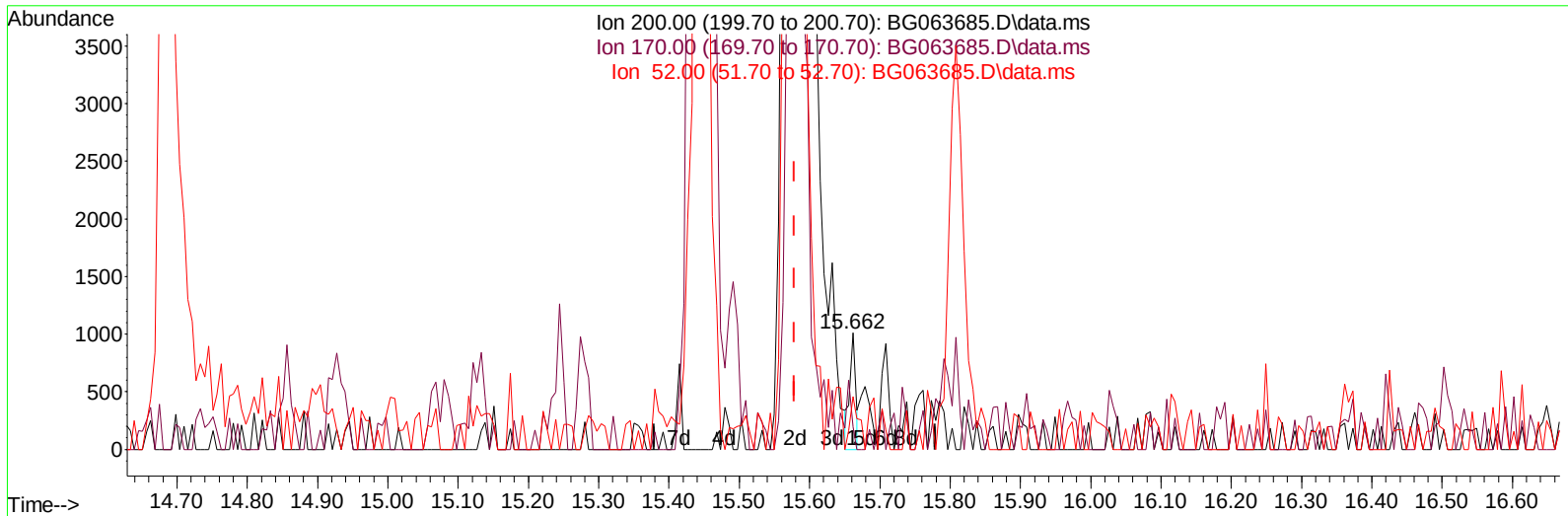
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:13:07 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
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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BG063685.D\data.ms

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

15.662min (+ 0.082) 0.09 ng/ul

response 609

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	19.41
52.00	43.10	45.15
0.00	0.00	0.00

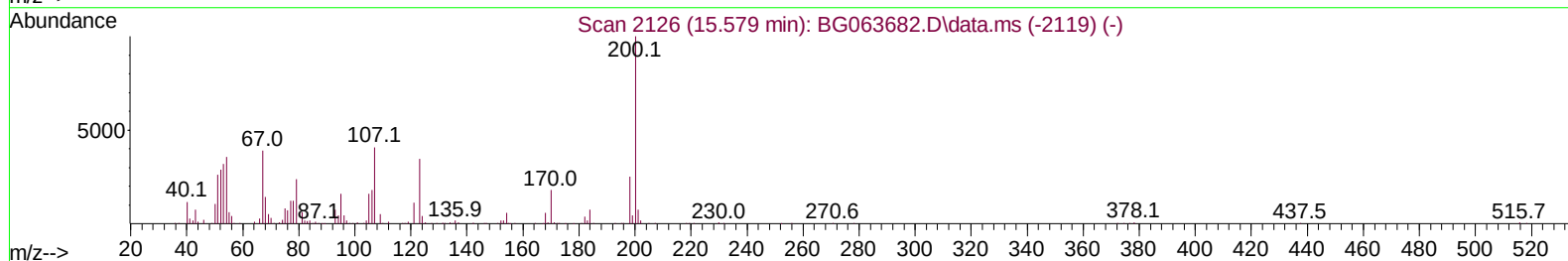
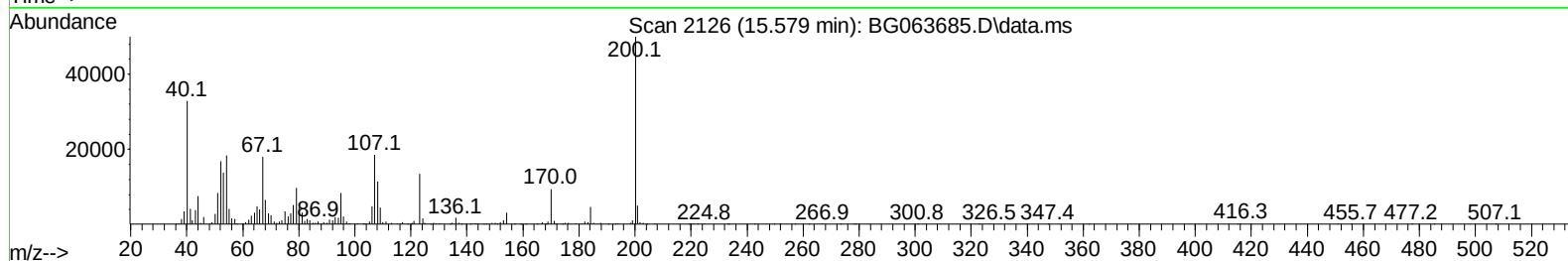
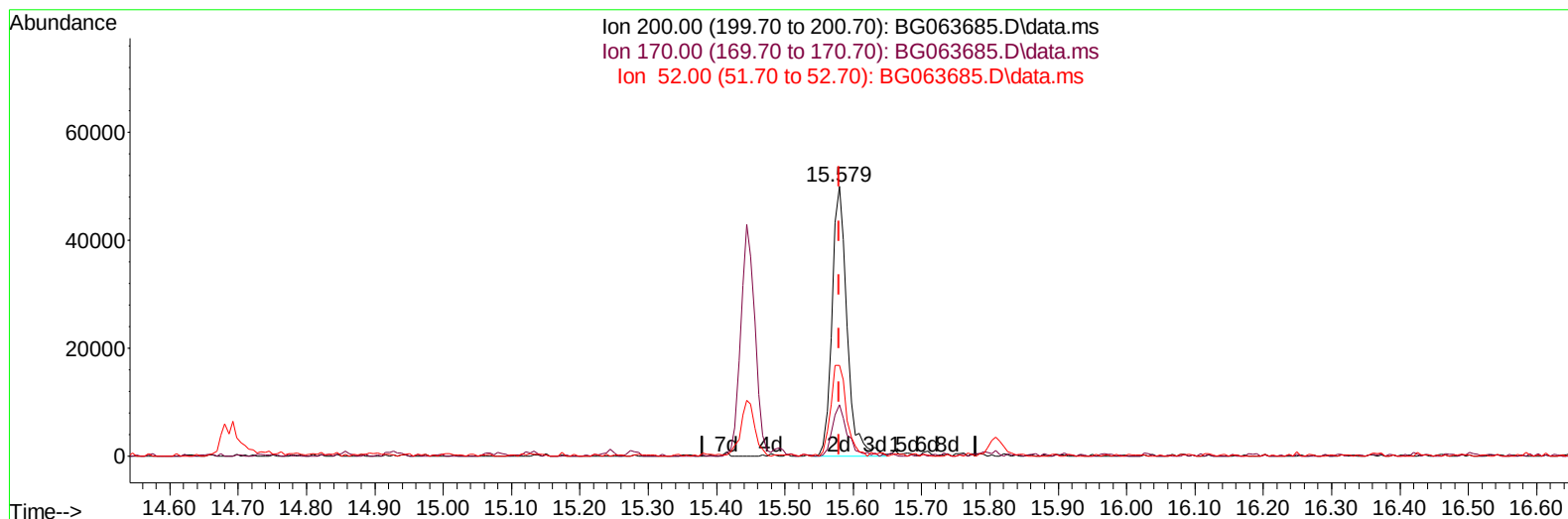
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063685.D
 Acq On : 16 Dec 2024 12:27
 Operator : RC/JU
 Sample : P5232-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:13:07 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 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024



TIC: BG063685.D\data.ms

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

15.579min (+ 0.000) 10.79 ng/ul m

response 76062

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	19.00
52.00	43.10	33.69#
0.00	0.00	0.00

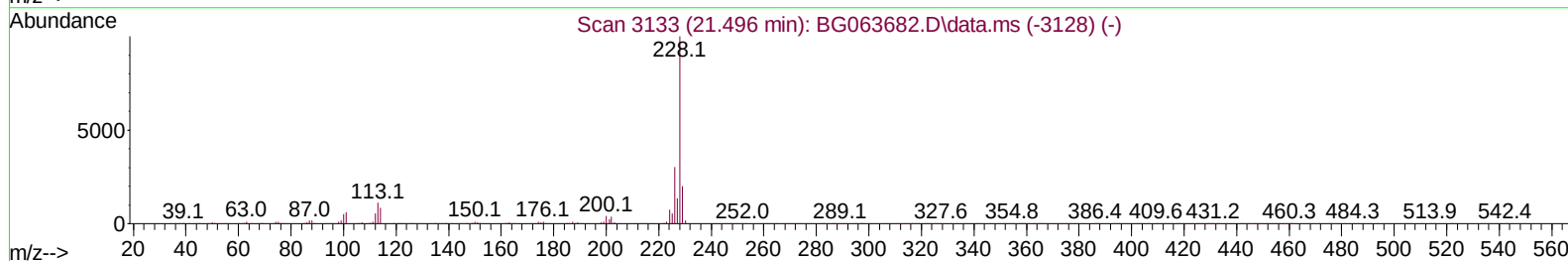
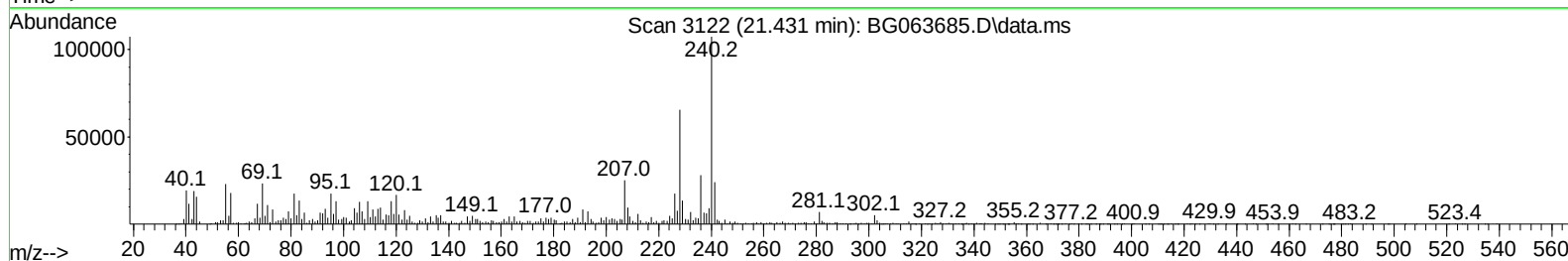
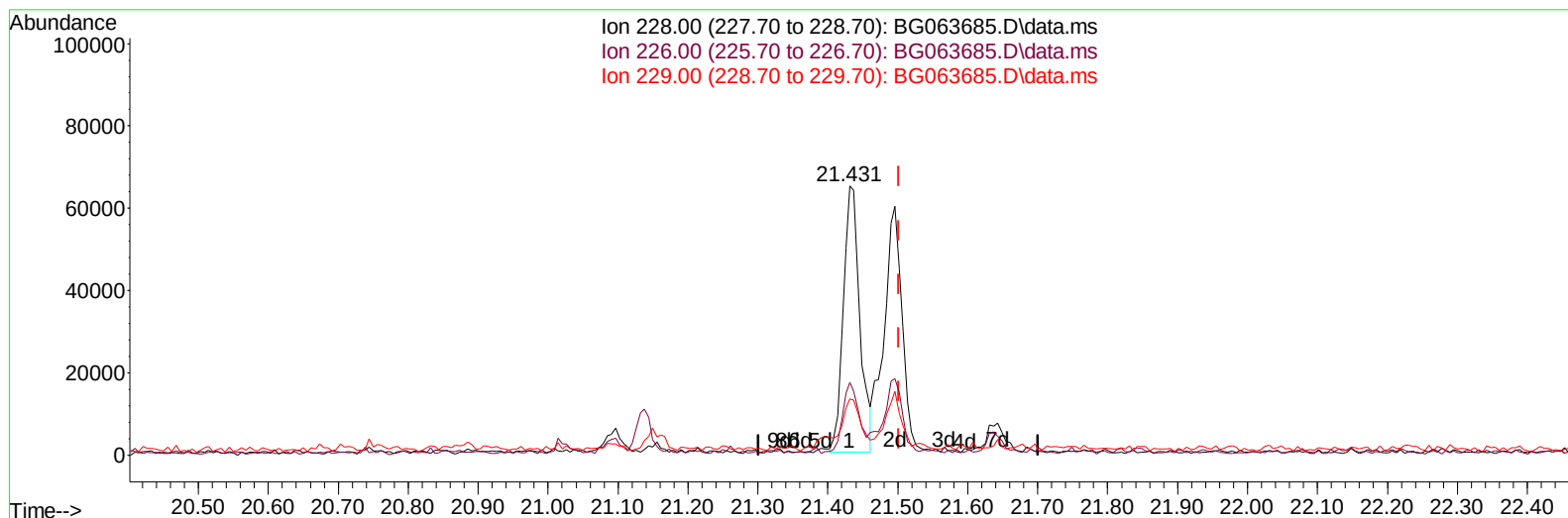
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 02:13:07 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration



TIC: BG063685.D\data.ms

(87) Chrysene

21.431min (-0.070) 1.41 ng/u1

response 107683

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	27.03
229.00	18.50	21.00
0.00	0.00	0.00

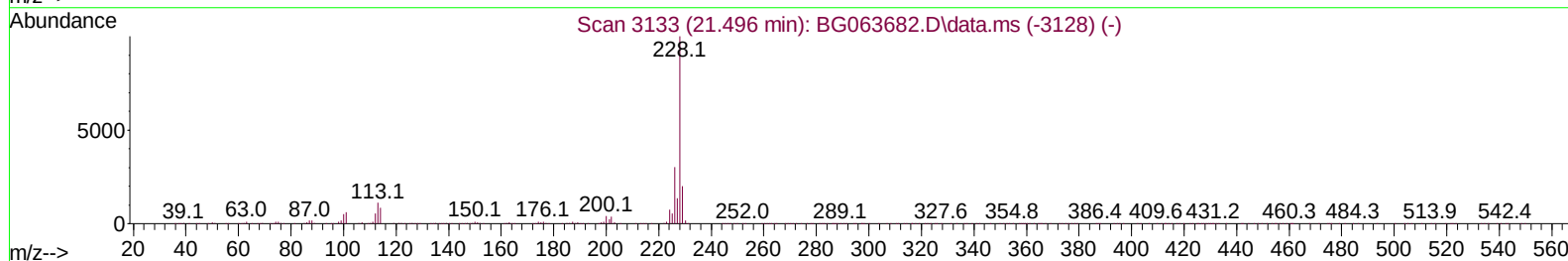
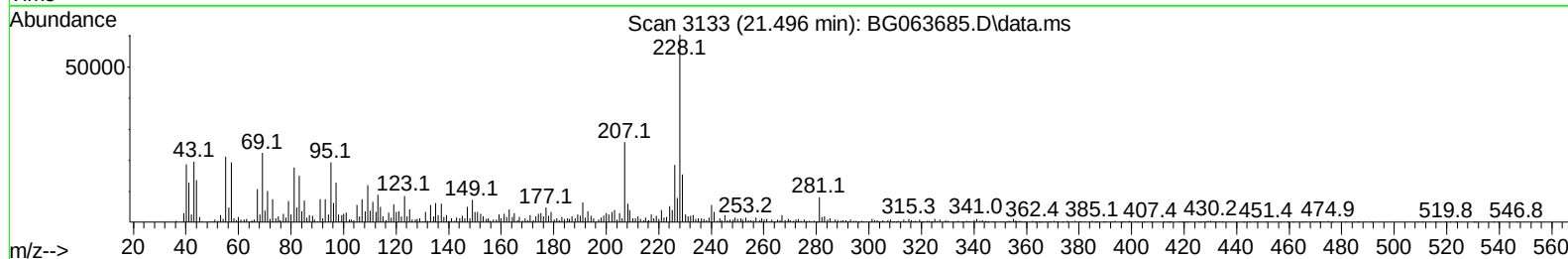
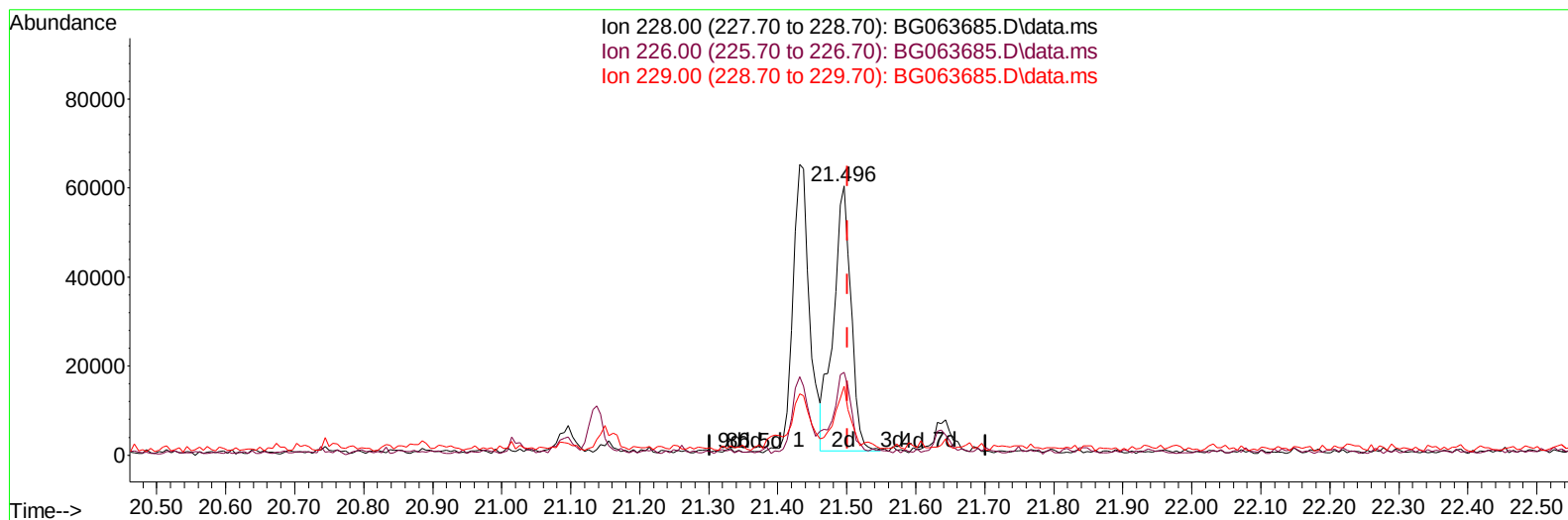
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:13:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 12/18/2024



TIC: BG063685.D\data.ms

(87) Chrysene

21.496min (-0.006) 1.40 ng/ul m

response 106425

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	30.82
229.00	18.50	25.54#
0.00	0.00	0.00

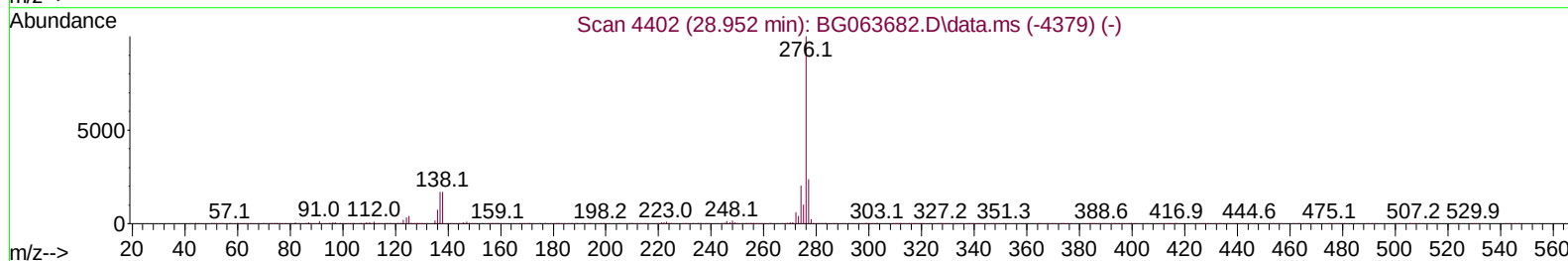
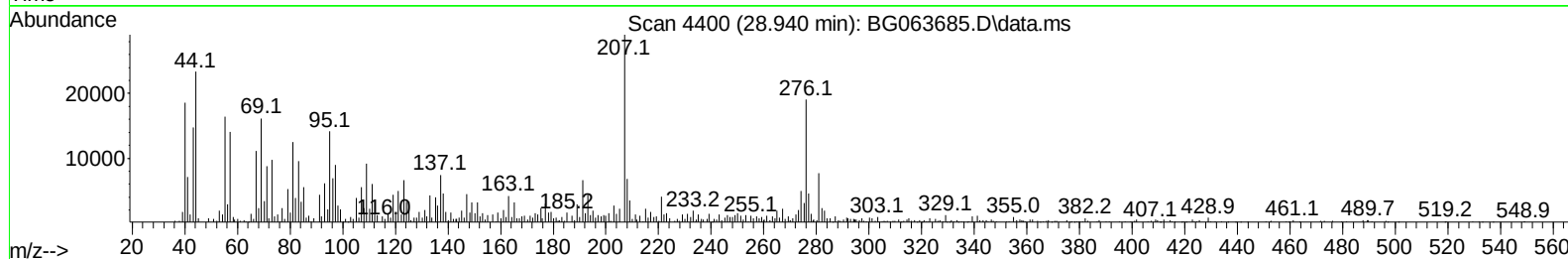
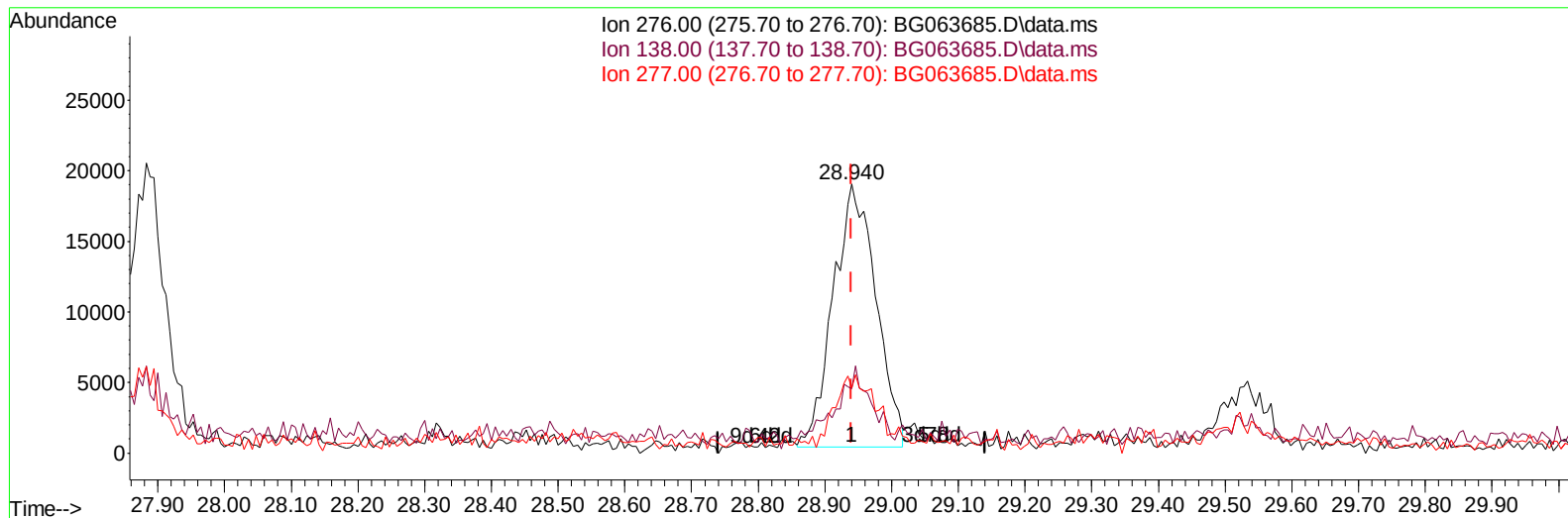
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:17:20 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
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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BG063685.D\data.ms

(96) Benzo(g,h,i)perylene

28.940min (+ 0.000) 1.18 ng/u1

response 82831

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	24.06#
277.00	22.30	24.13
0.00	0.00	0.00

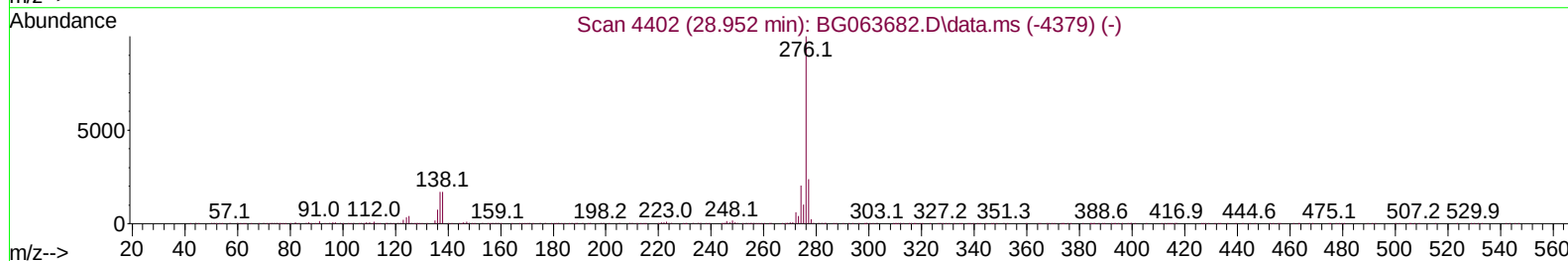
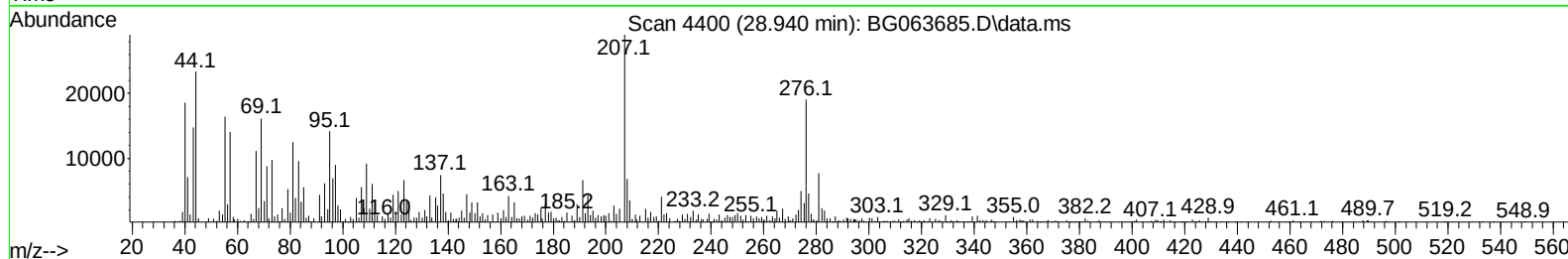
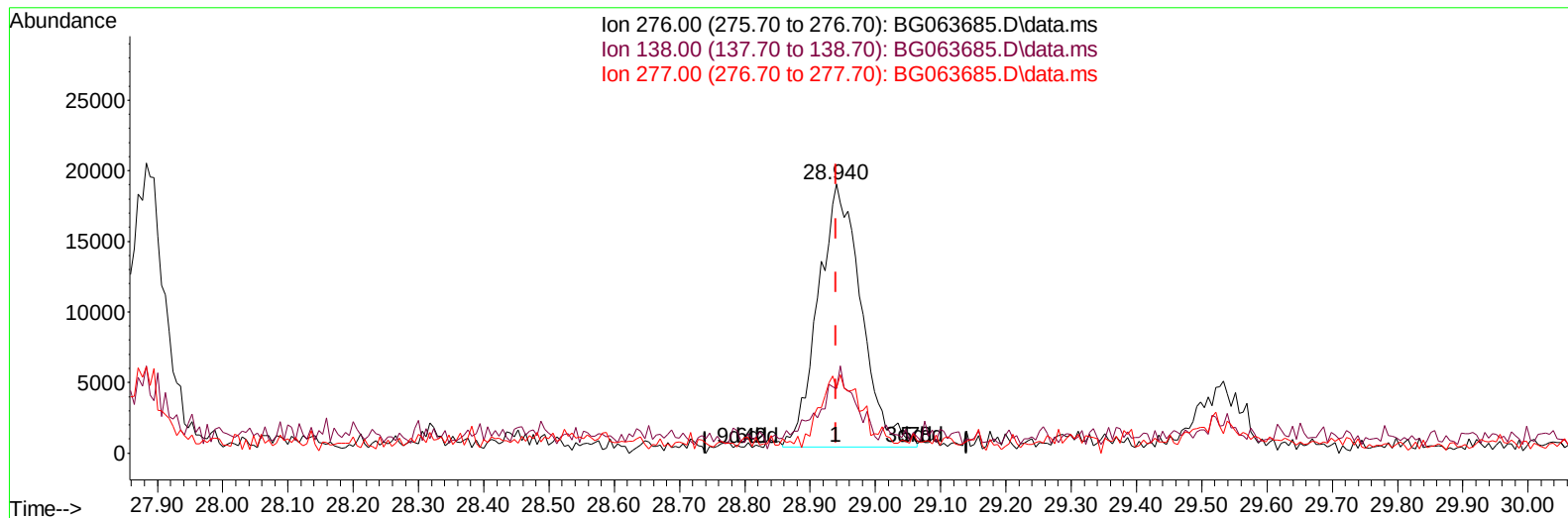
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:17:20 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 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BG063685.D\data.ms

(96) Benzo(g,h,i)perylene

28.940min (+ 0.000) 1.22 ng/ul m

response 85608

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	24.06#
277.00	22.30	24.13
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063685.D
 Acq On : 16 Dec 2024 12:27
 Operator : RC/JU
 Sample : P5232-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:19:17 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
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Reviewed By :Yogesh Patel 12/18/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	195835	20.000	ng/ul	0.00
20) Naphthalene-d8	10.603	136	834725	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	638108	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.201	188	1357601	20.000	ng/ul	0.00
79) Chrysene-d12	21.455	240	1276189	20.000	ng/ul	0.00
88) Perylene-d12	24.475	264	1357288	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	11553m	2.312	ng/uL	0.00
4) Pyridine-d5	3.682	84	149096	9.458	ng/ul	0.00
7) Phenol-d5	7.001	99	265480	14.719	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	160474	12.882	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	174611	14.954	ng/ul	0.00
15) 4-Methylphenol-d8	8.529	113	155691	11.118	ng/ul	0.00
21) Nitrobenzene-d5	8.964	128	89023	14.937	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	105490	15.790	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	198559	15.351	ng/ul	0.00
31) 4-Chloroaniline-d4	10.738	131	188604m	11.484	ng/ul	0.00
46) Dimethylphthalate-d6	13.858	166	670168	15.434	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	701685	14.176	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	85053m	13.825	ng/ul	0.01
60) Fluorene-d10	15.444	176	537572	14.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	76062m	10.791	ng/ul	0.00
73) Anthracene-d10	17.301	188	808950	13.859	ng/ul	0.00
81) Pyrene-d10	19.598	212	826254	12.442	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.263	264	611431	9.593	ng/ul	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.954	77	58468	5.285	ng/ul	93
8) Phenol	7.025	94	23579	1.227	ng/ul#	94
72) Phenanthrene	17.242	178	92231	1.410	ng/ul	97
80) Fluoranthene	19.263	202	218211	2.891	ng/ul#	94
82) Pyrene	19.628	202	193346	2.408	ng/ul#	95
85) Benzo(a)anthracene	21.431	228	107198	1.340	ng/ul	98
87) Chrysene	21.496	228	106425m	1.396	ng/ul	
90) Benzo(b)fluoranthene	23.517	252	166118	2.153	ng/ul#	94
93) Benzo(a)pyrene	24.328	252	109352	1.510	ng/ul#	86
96) Benzo(g,h,i)perylene	28.940	276	85608m	1.220	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
Acq On : 16 Dec 2024 12:27
Operator : RC/JU
Sample : P5232-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28S1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:19:17 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 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

