

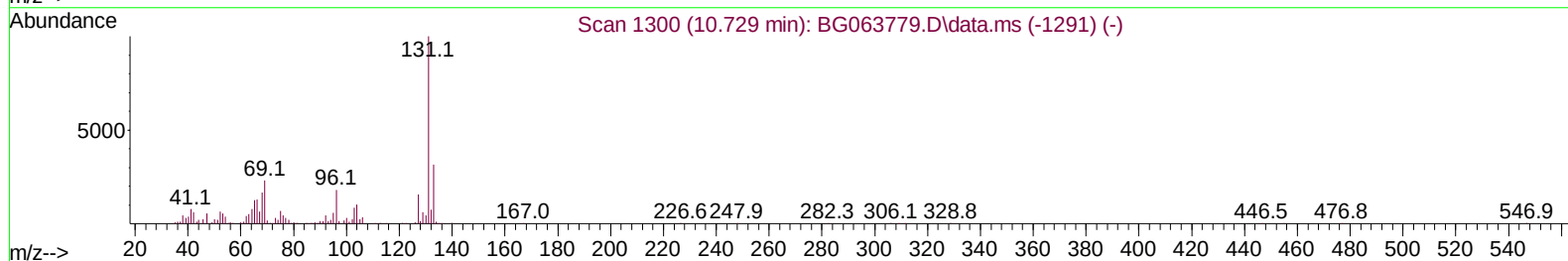
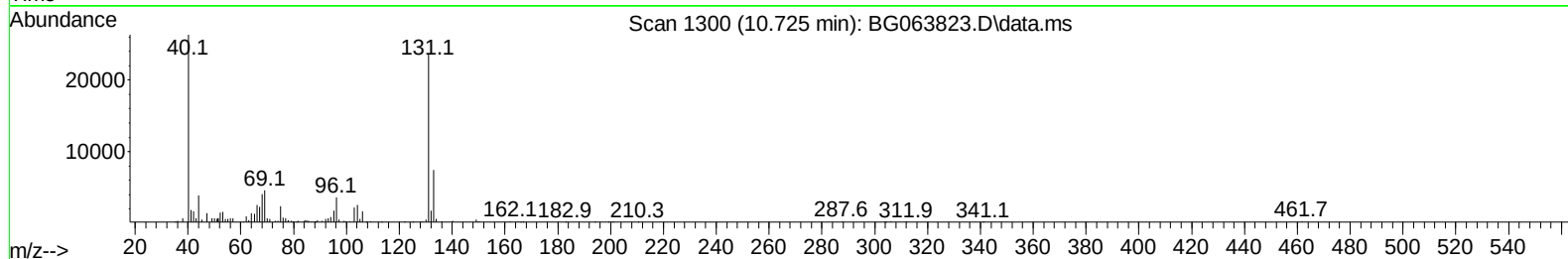
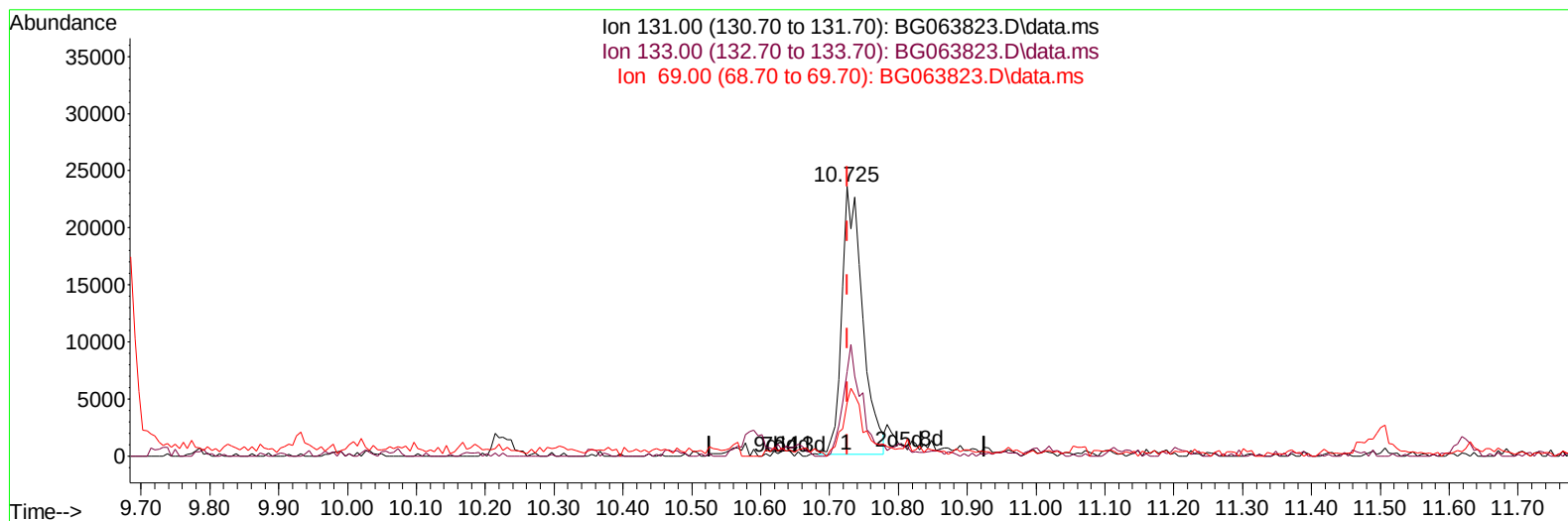
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Manual IntegrationsAPPROVED

Quant Time: Dec 25 01:33:17 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: BG063823.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.725min (-0.001) 5.18 ng/u1

response 48975

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.30	31.30
69.00	23.80	19.63
0.00	0.00	0.00

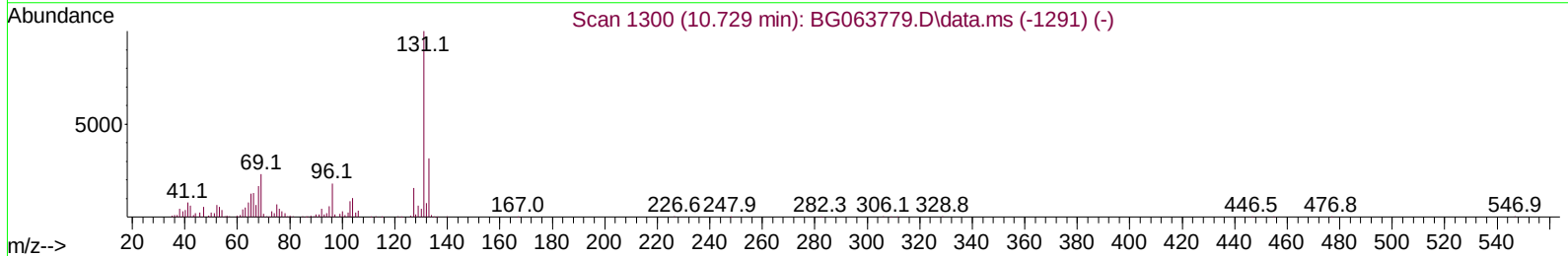
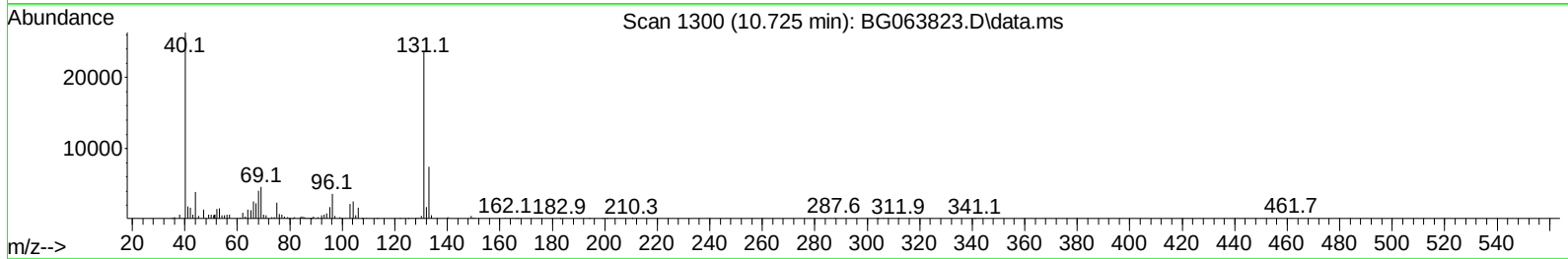
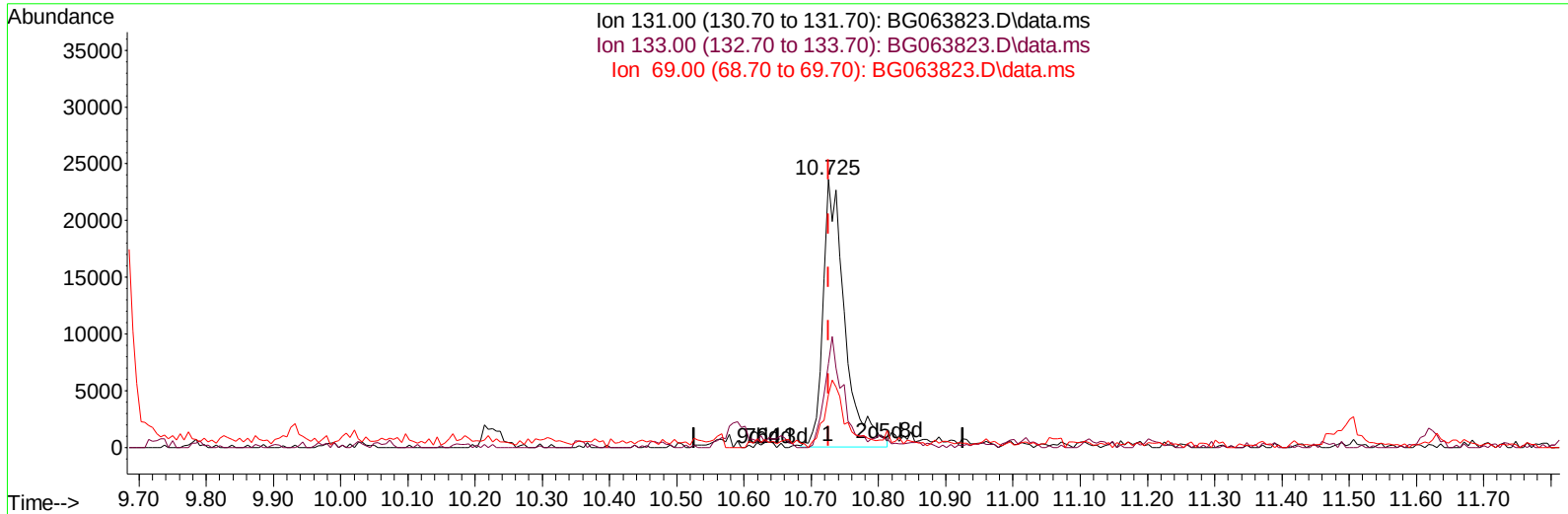
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Manual IntegrationsAPPROVED

Quant Time: Dec 25 01:33:17 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: BG063823.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.725min (-0.001) 5.57 ng/ul m

response 52585

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.30	31.30
69.00	23.80	19.63
0.00	0.00	0.00

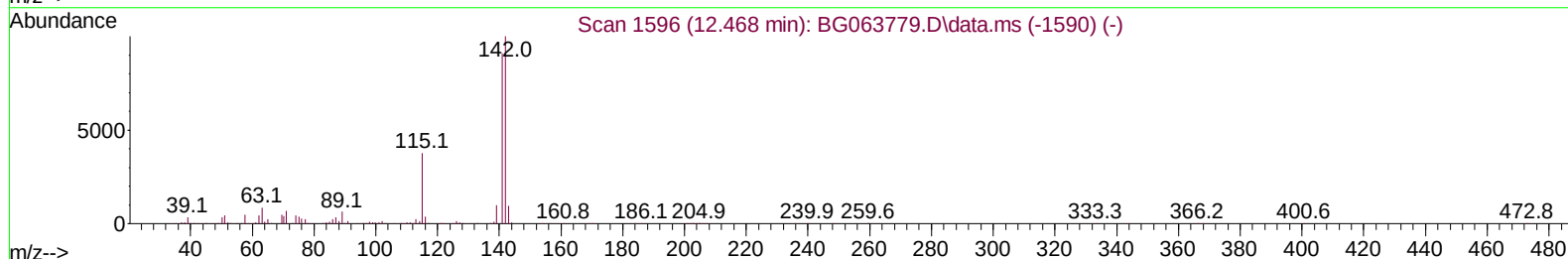
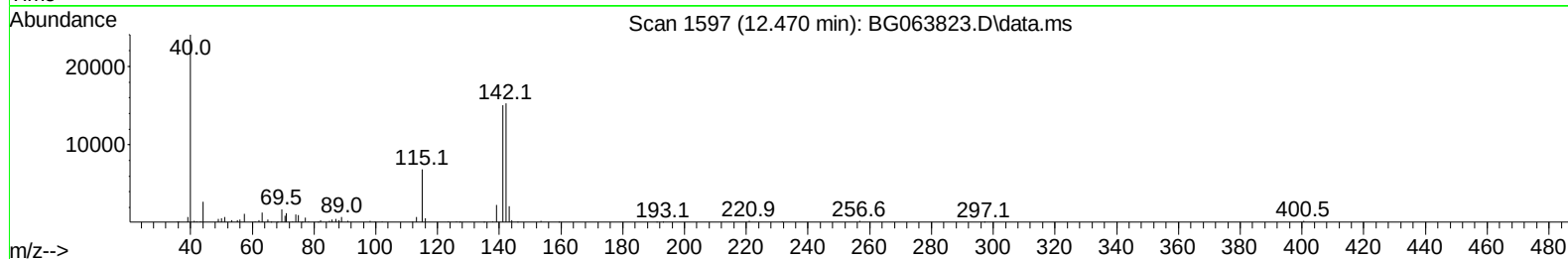
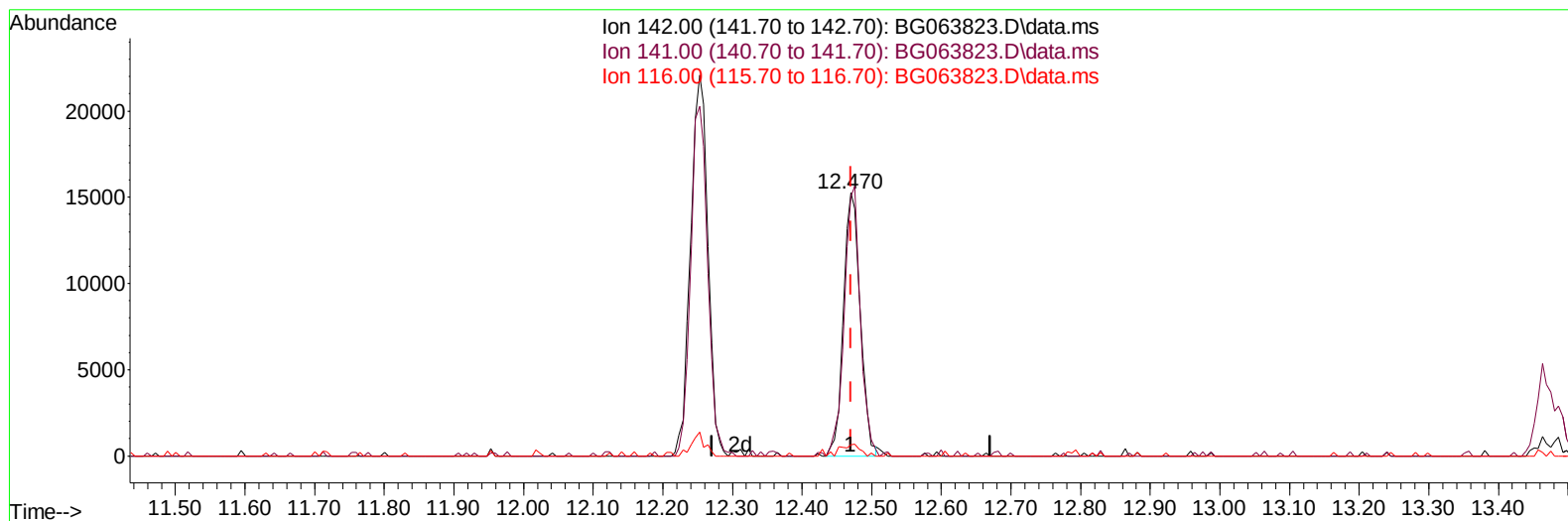
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 25 01:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
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TIC: BG063823.D\data.ms

(37) 1-Methylnaphthalene

12.470min (-0.001) 1.47 ng/u1

response 25802

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	92.20	98.69
116.00	4.40	4.28
0.00	0.00	0.00

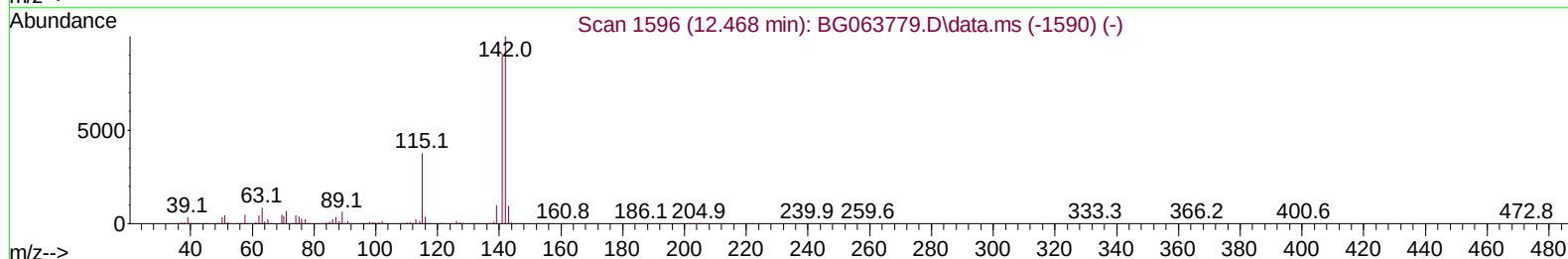
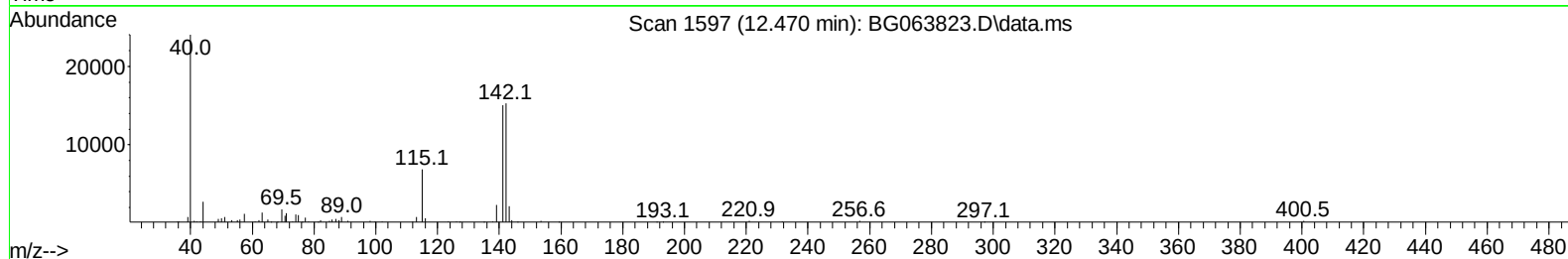
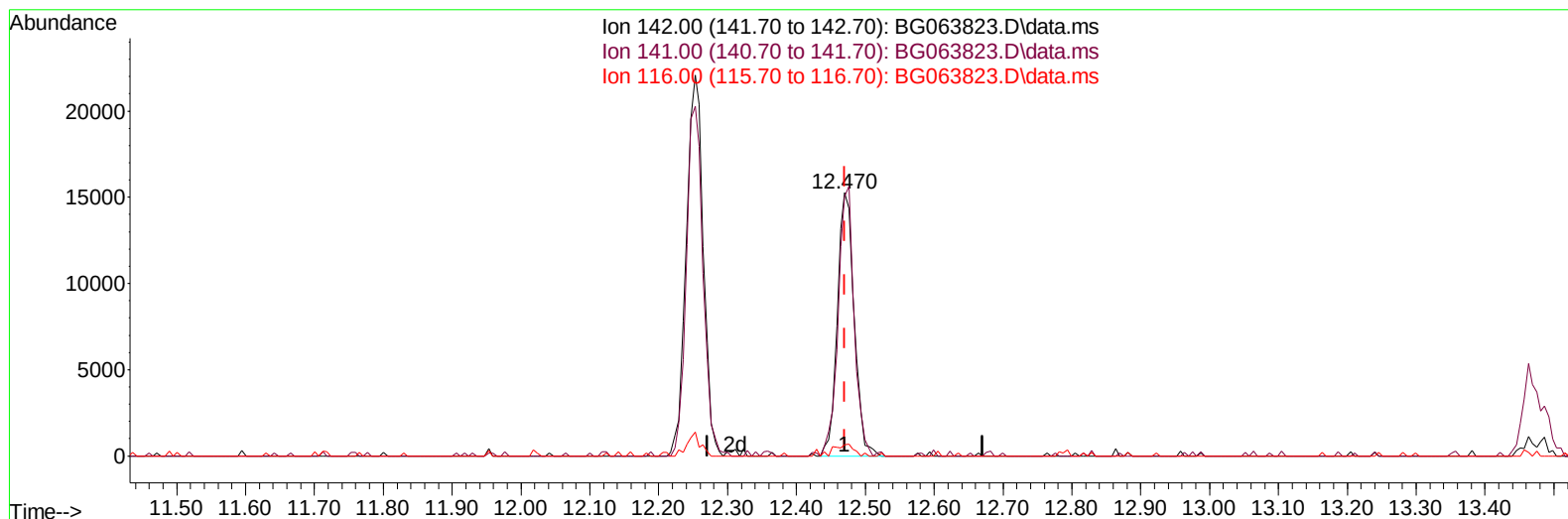
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Manual IntegrationsAPPROVED

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

Quant Time: Dec 25 01:33:17 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



TIC: BG063823.D\data.ms

(37) 1-Methylnaphthalene

12.470min (-0.001) 1.48 ng/ul m

response 25999

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	92.20	98.69
116.00	4.40	4.28
0.00	0.00	0.00

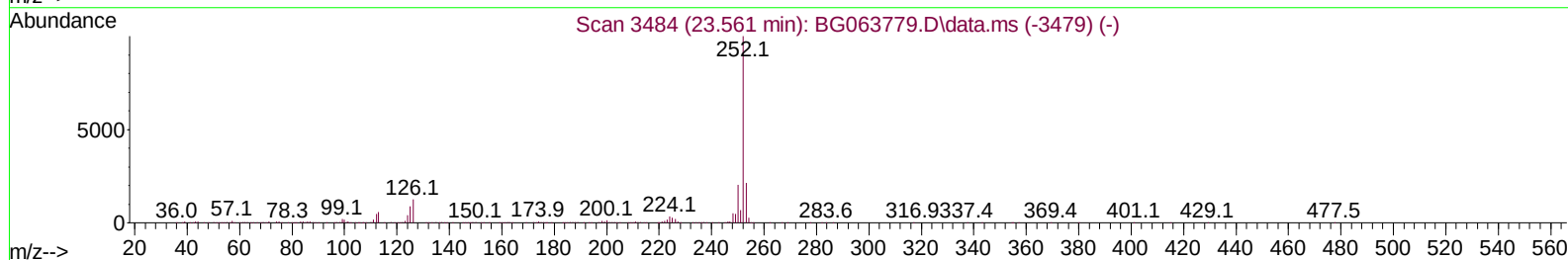
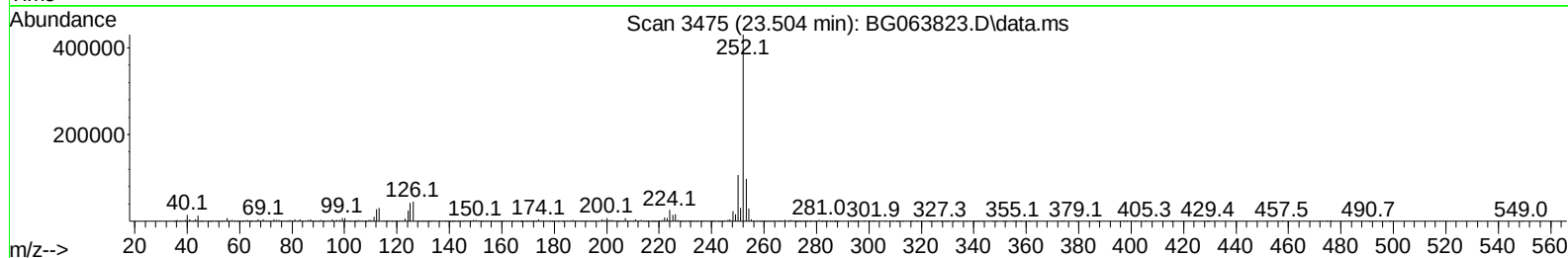
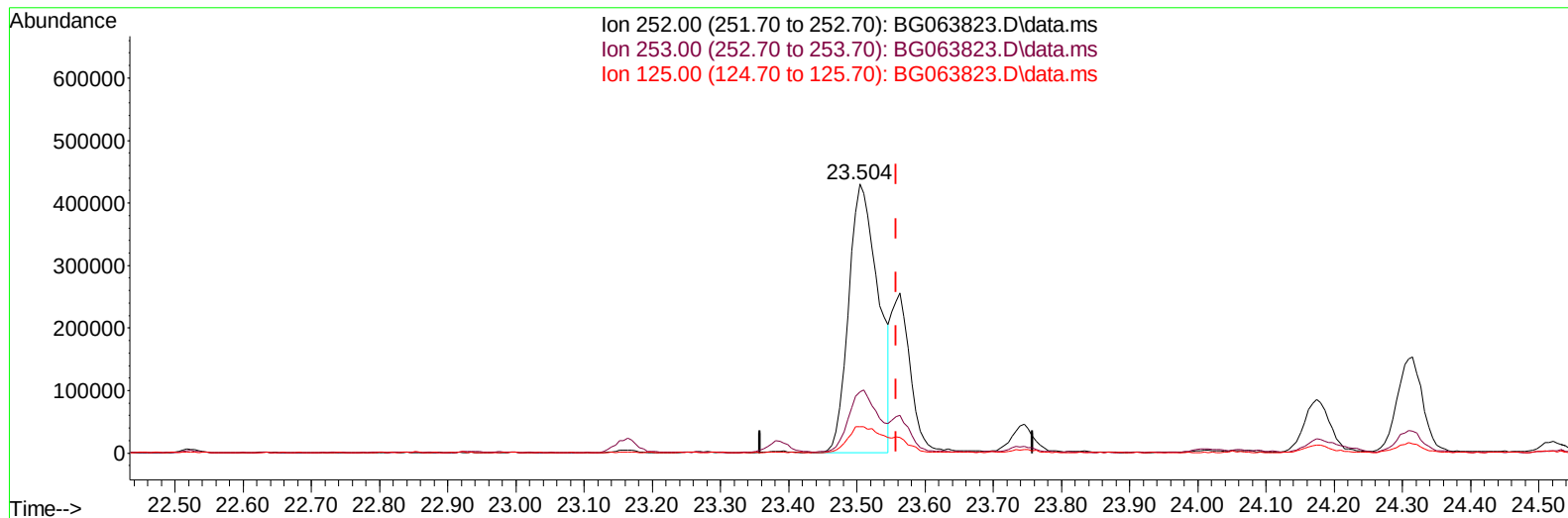
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Manual IntegrationsAPPROVED

Quant Time: Dec 25 01:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
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TIC: BG063823.D\data.ms

(91) Benzo(k)fluoranthene

23.504min (-0.053) 25.05 ng/u1

response 1297242

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.66
125.00	8.10	9.81#
0.00	0.00	0.00

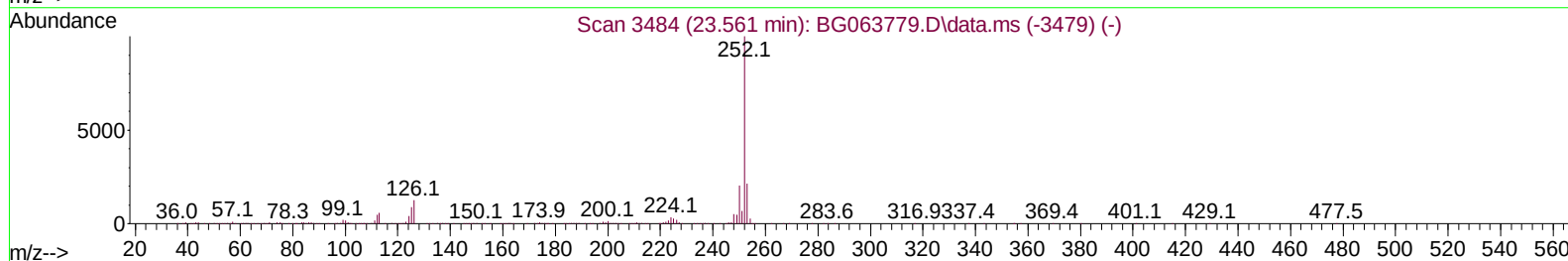
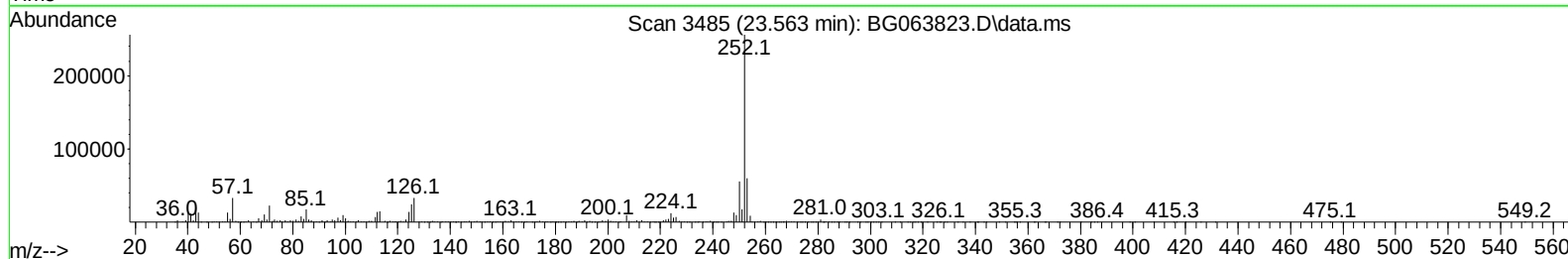
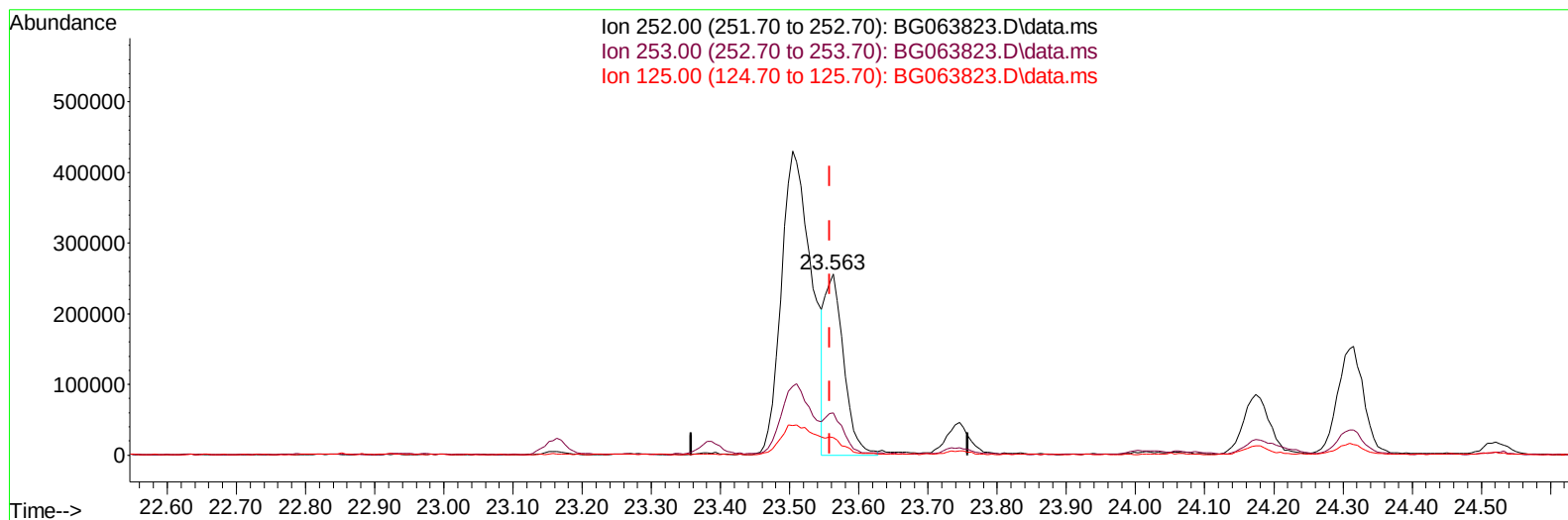
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Manual IntegrationsAPPROVED

Quant Time: Dec 25 01:33:17 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: BG063823.D\data.ms

(91) Benzo(k)fluoranthene

23.563min (+ 0.005) 9.43 ng/ul m

response 488491

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.44
125.00	8.10	9.70
0.00	0.00	0.00

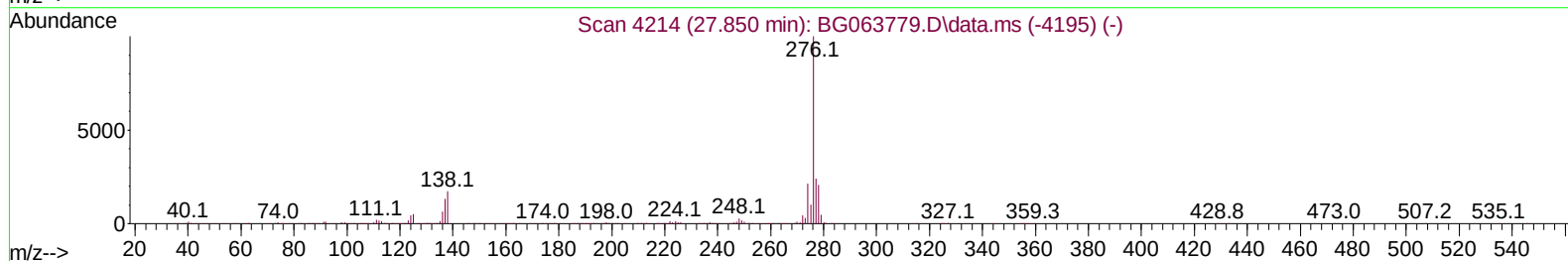
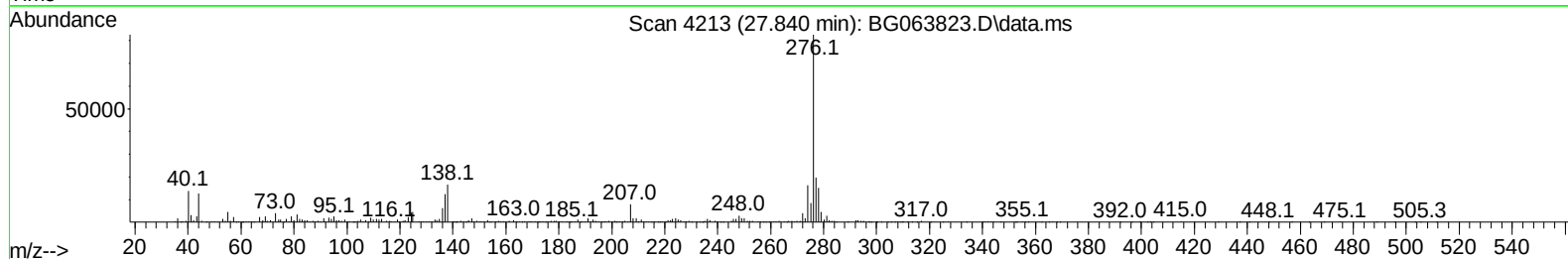
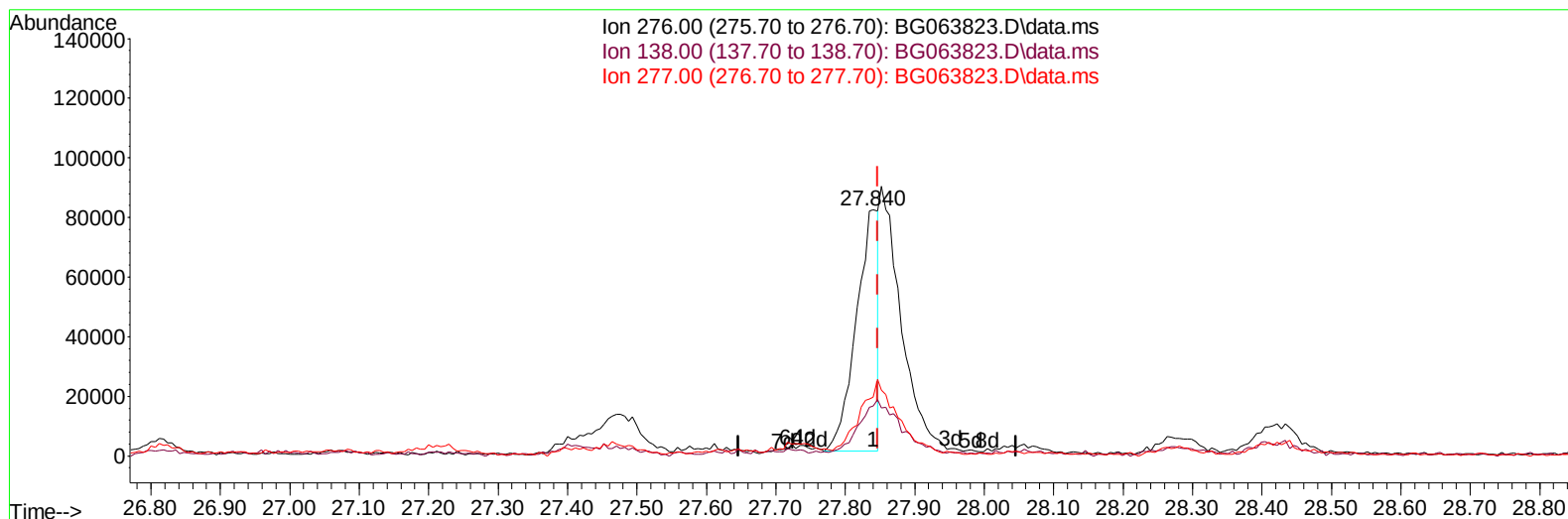
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Manual IntegrationsAPPROVED

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

Quant Time: Dec 25 01:33:17 2024
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Quant Title : SVOA CALIBRATION
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TIC: BG063823.D\data.ms

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

27.840min (-0.006) 3.01 ng/u1

response 179166

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	20.28
277.00	23.00	23.82
0.00	0.00	0.00

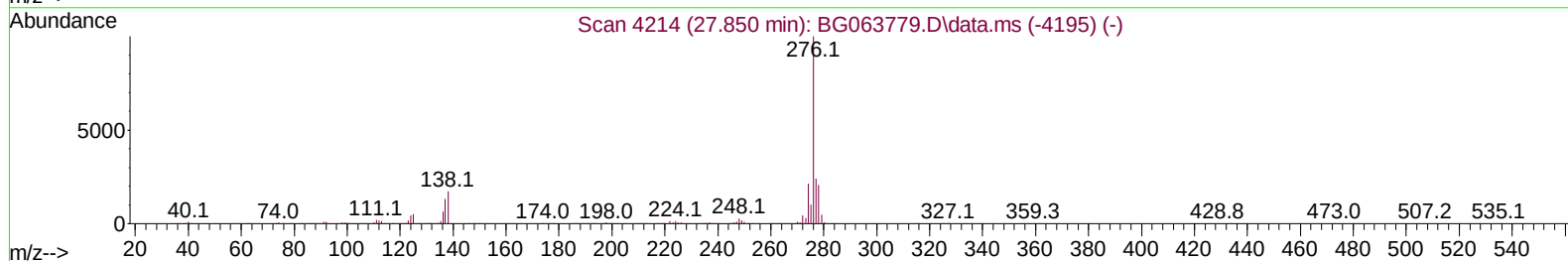
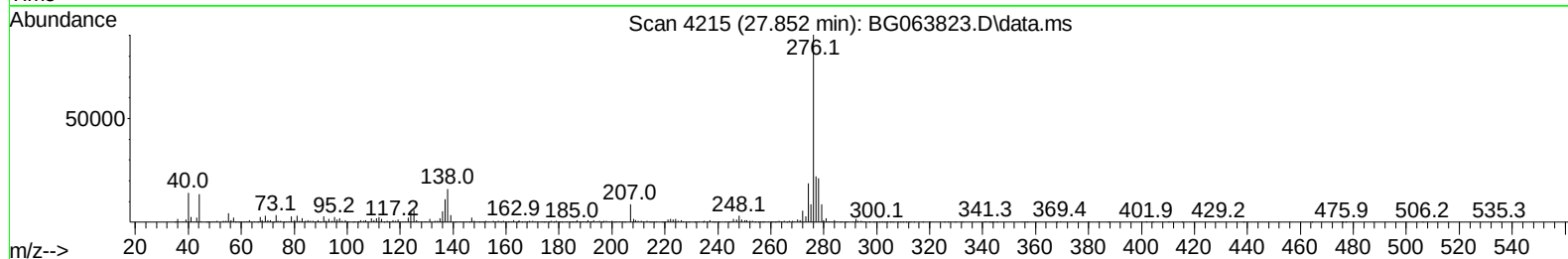
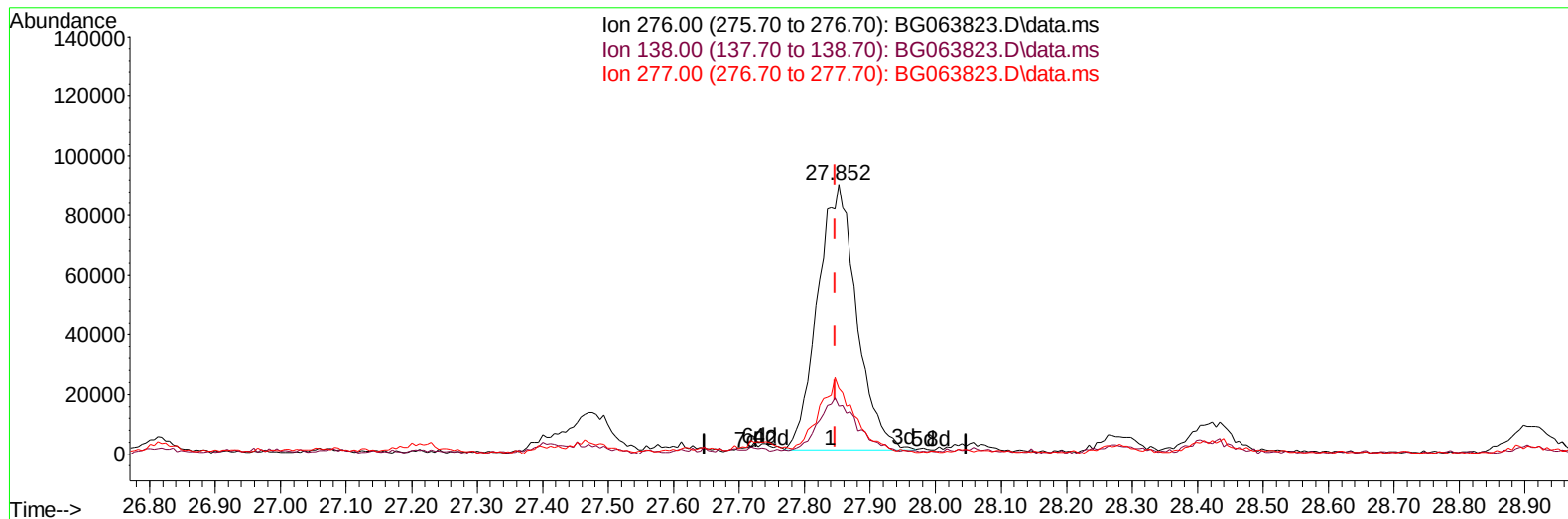
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Manual IntegrationsAPPROVED

Quant Time: Dec 25 01:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063823.D\data.ms

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

27.852min (+ 0.005) 6.23 ng/ul m

response 370918

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	17.78
277.00	23.00	24.54
0.00	0.00	0.00

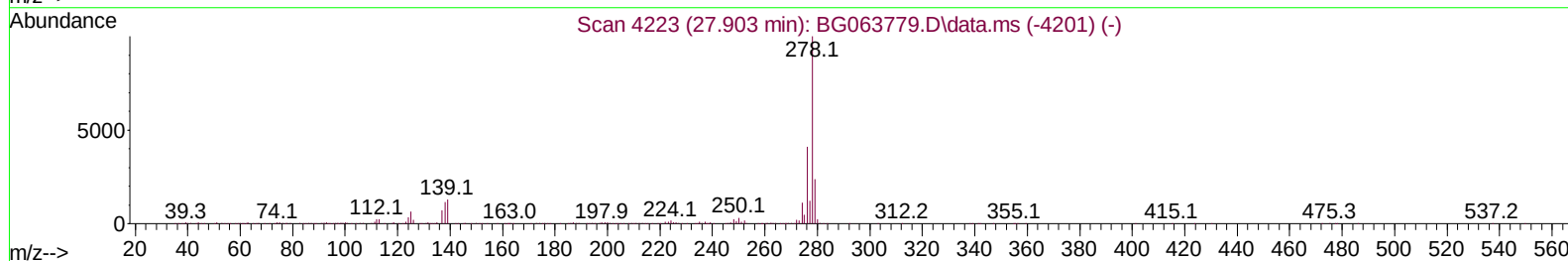
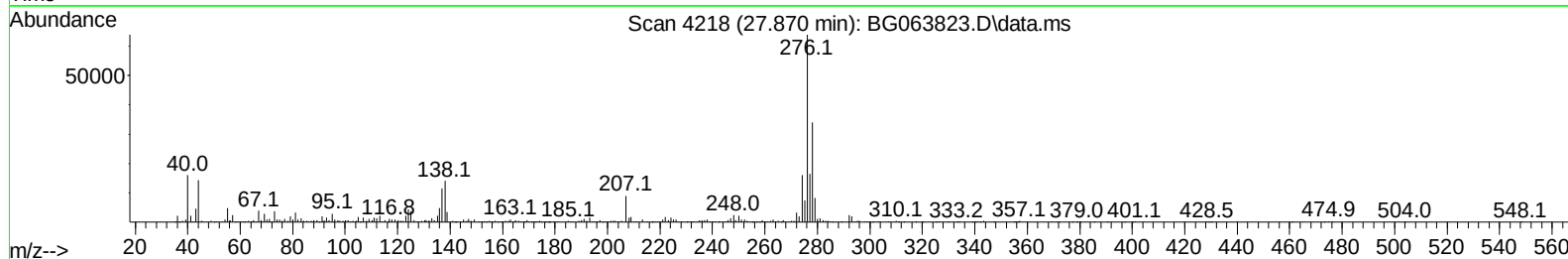
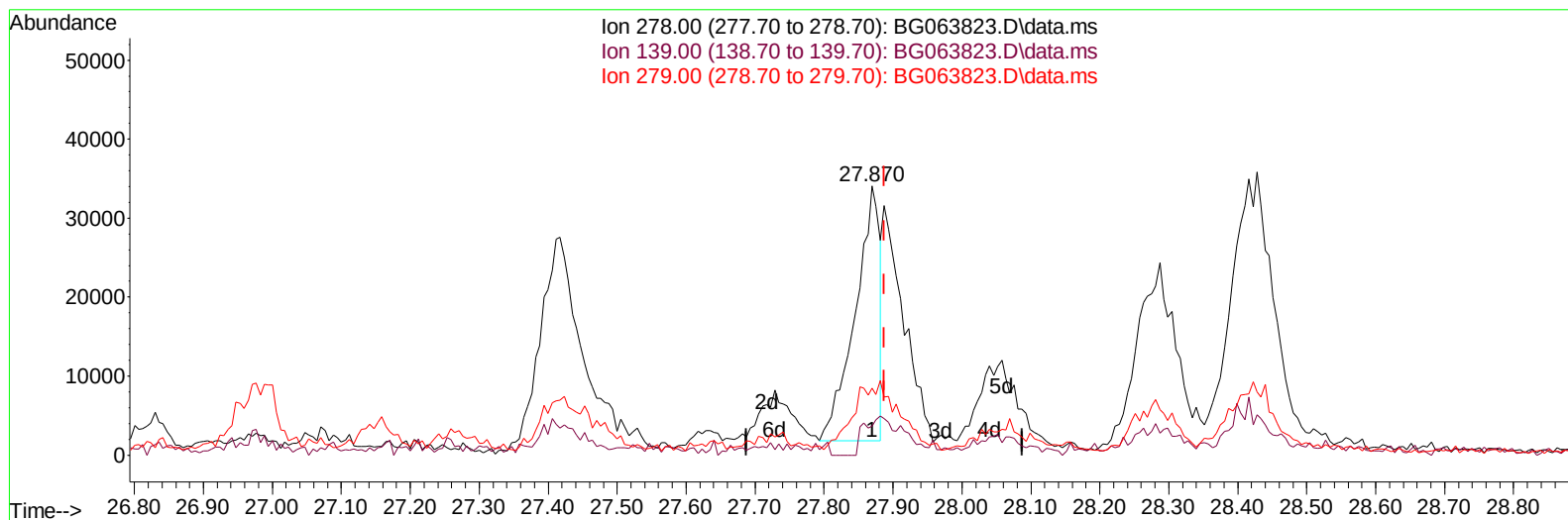
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Manual IntegrationsAPPROVED

Quant Time: Dec 25 01:33:17 2024
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TIC: BG063823.D\data.ms

(95) Dibenzo(a,h)anthracene

27.870min (-0.018) 1.68 ng/uL

response 80129

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.10	10.74
279.00	21.60	24.80
0.00	0.00	0.00

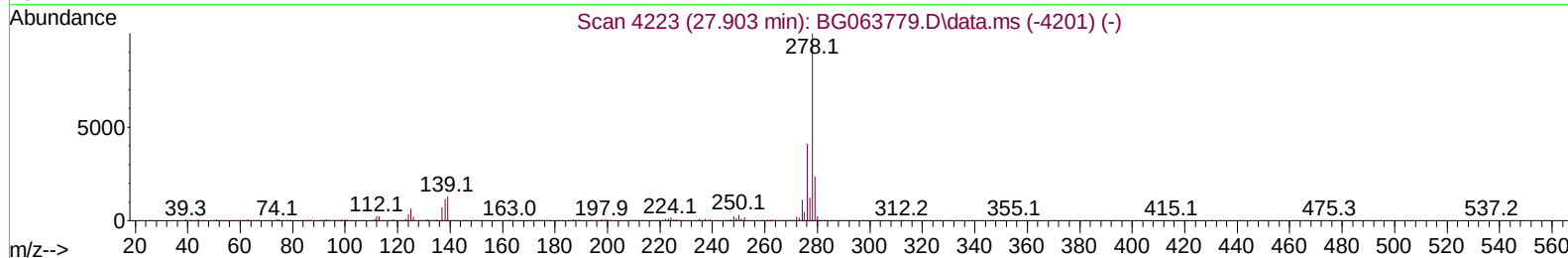
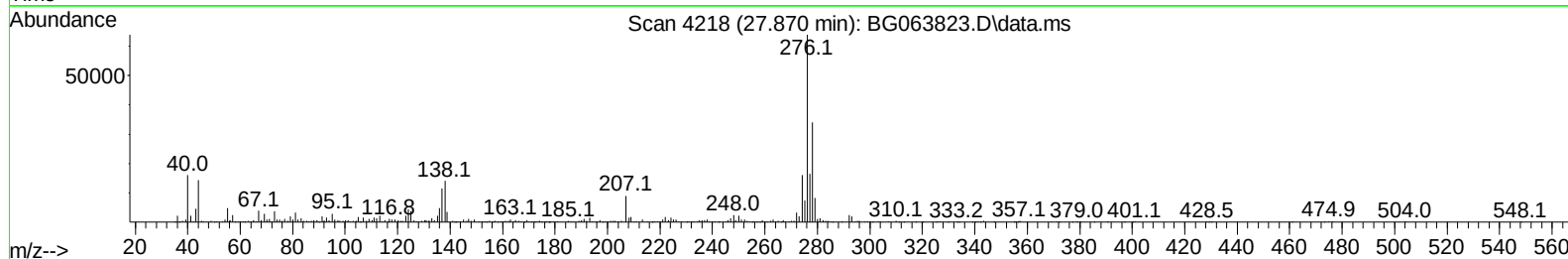
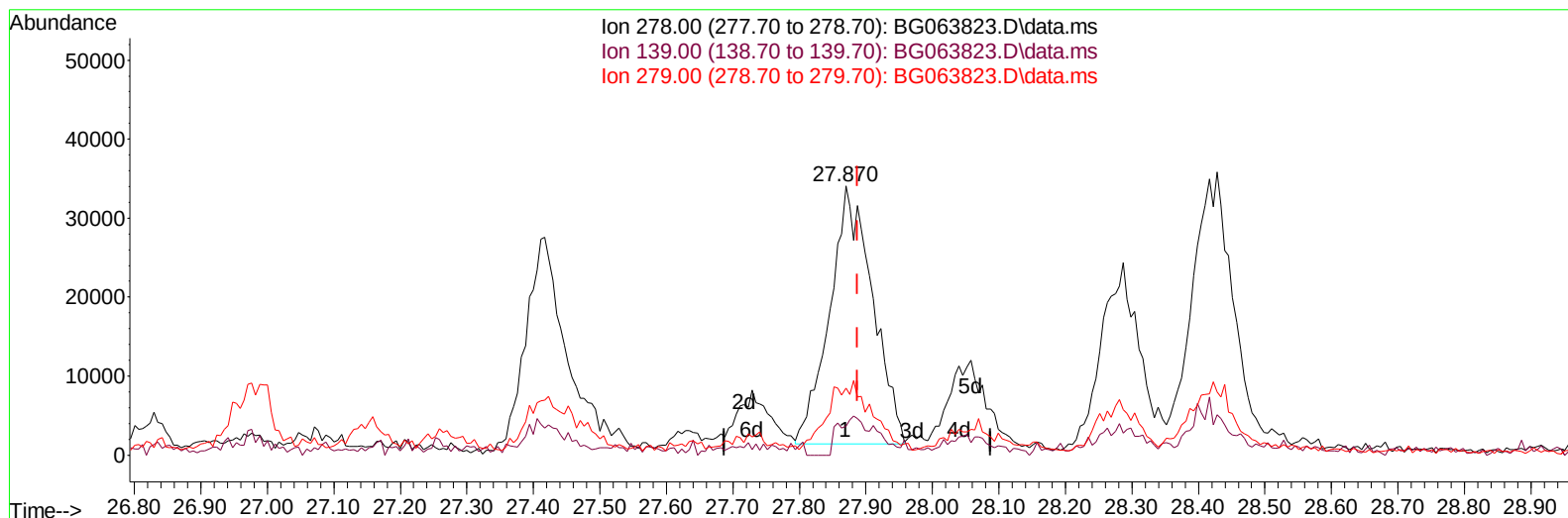
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
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Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Manual IntegrationsAPPROVED

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TIC: BG063823.D\data.ms

(95) Dibenzo(a,h)anthracene

27.870min (-0.018) 3.06 ng/ul m

response 145860

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.10	10.74
279.00	21.60	24.80
0.00	0.00	0.00

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 Sample : P5333-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2906

Manual IntegrationsAPPROVED

Quant Time: Dec 25 01:41:53 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	113265	20.000	ng/ul	0.00
20) Naphthalene-d8	10.590	136	480106	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.438	164	386020	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	898188	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	855369	20.000	ng/ul	0.00
88) Perylene-d12	24.450	264	913551	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	8093	2.800	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.988	99	175620	16.835	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.129	67	114745	15.926	ng/ul	0.00
11) 2-Chlorophenol-d4	7.341	132	111109	16.452	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	96308	11.891	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	61503	17.941	ng/ul	0.00
24) 2-Nitrophenol-d4	9.673	143	70830	18.433	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.226	165	133568	17.954	ng/ul	0.00
31) 4-Chloroaniline-d4	10.725	131	52585m	5.567	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	505362	19.239	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	487816	16.292	ng/ul	0.00
54) 4-Nitrophenol-d4	14.679	143	67715	18.195	ng/ul	0.01
60) Fluorene-d10	15.437	176	359372	15.474	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.572	200	51358	11.013	ng/ul	0.00
73) Anthracene-d10	17.288	188	597846	15.482	ng/ul	0.00
81) Pyrene-d10	19.591	212	507322	11.398	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.245	264	261318	6.091	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.018	94	28559	2.569	ng/ul#	85
16) Acetophenone	8.616	105	124345	9.052	ng/ul	88
30) Naphthalene	10.637	128	69579	2.899	ng/ul#	94
36) 2-Methylnaphthalene	12.253	142	38199	2.214	ng/ul	95
37) 1-Methylnaphthalene	12.470	142	25999m	1.480	ng/ul	
47) Dimethylphthalate	13.892	163	36586	1.390	ng/ul	97
52) Acenaphthene	14.503	153	133612	5.871	ng/ul	97
56) Dibenzofuran	14.838	168	178765	5.572	ng/ul	96
61) Fluorene	15.490	166	94928	3.706	ng/ul	94
72) Phenanthrene	17.235	178	2728967	63.049	ng/ul	98
74) Anthracene	17.323	178	239282	5.462	ng/ul	99
77) Carbazole	17.599	167	229638	6.476	ng/ul	98
80) Fluoranthene	19.256	202	2905558	57.432	ng/ul	95
82) Pyrene	19.621	202	1851735	34.403	ng/ul#	94
85) Benzo(a)anthracene	21.424	228	1000812	18.670	ng/ul	97
87) Chrysene	21.483	228	1142051	22.353	ng/ul	97
90) Benzo(b)fluoranthene	23.504	252	1297242	24.984	ng/ul	98
91) Benzo(k)fluoranthene	23.563	252	488491m	9.432	ng/ul	
93) Benzo(a)pyrene	24.315	252	393165	8.067	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.852	276	370918m	6.232	ng/ul	
95) Dibenzo(a,h)anthracene	27.870	278	145860m	3.063	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
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Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Manual IntegrationsAPPROVED

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

Quant Time: Dec 25 01:41:53 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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

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

