

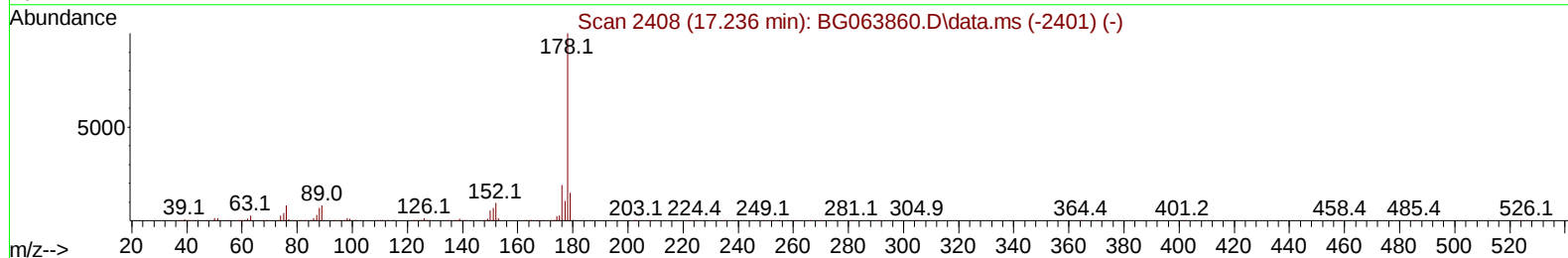
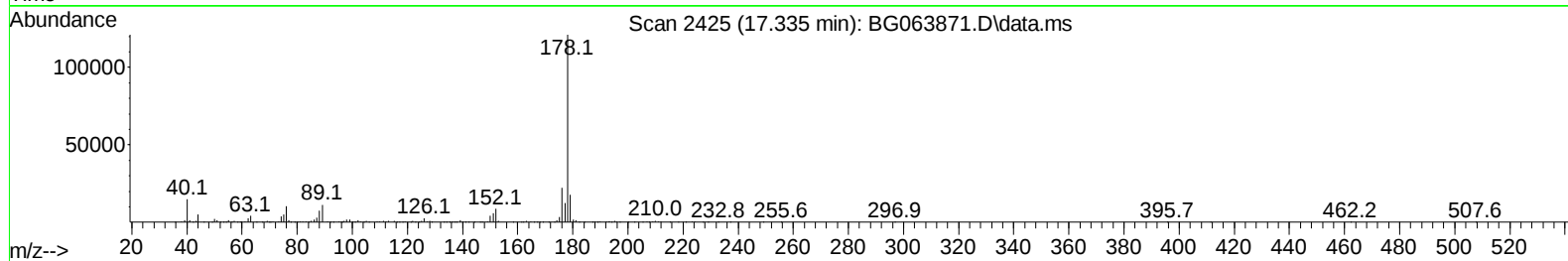
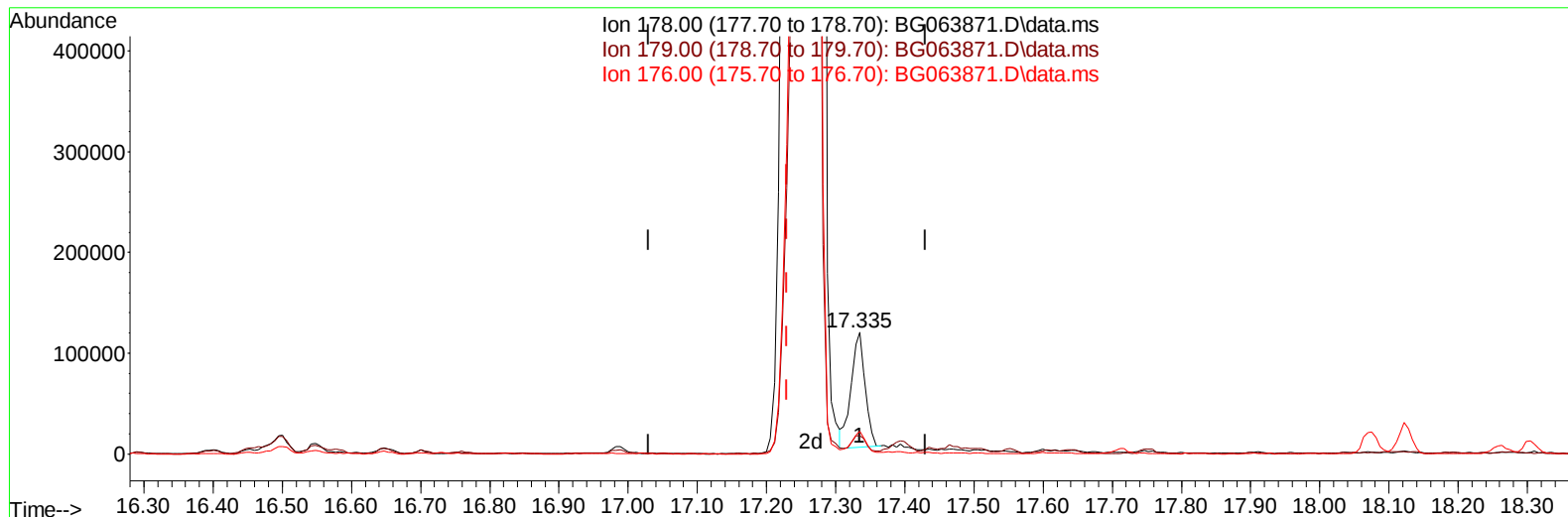
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063871.D
Acq On : 27 Dec 2024 16:48
Operator : RC/JU
Sample : P5265-18
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903

Manual IntegrationsAPPROVED

Quant Time: Dec 27 23:31:33 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 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BG063871.D\data.ms

(72) Phenanthrene

17.335min (+ 0.105) 5.01 ng/u1

response 162134

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	14.85
176.00	19.70	18.36
0.00	0.00	0.00

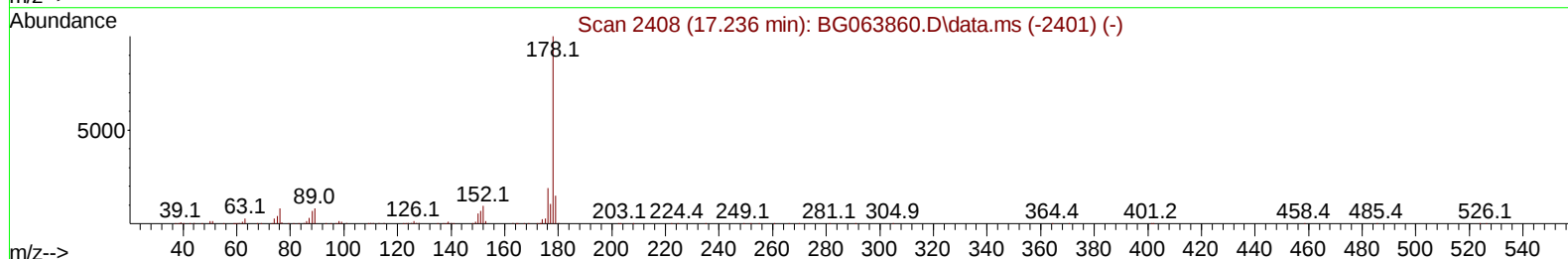
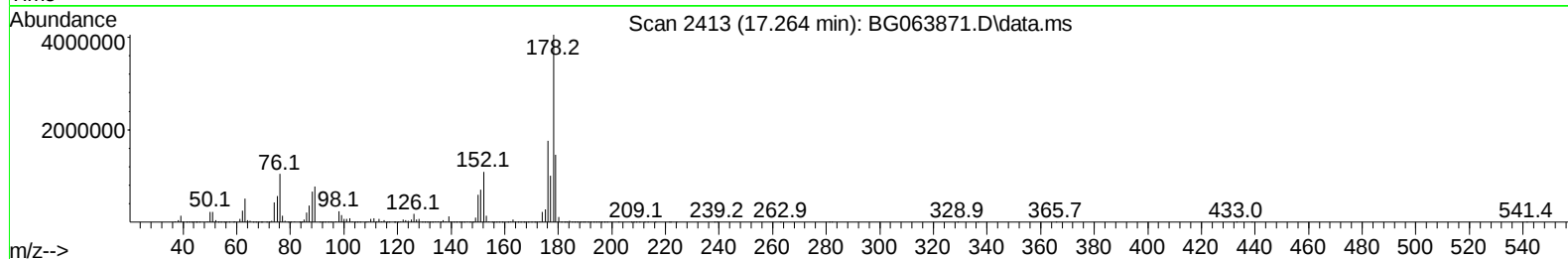
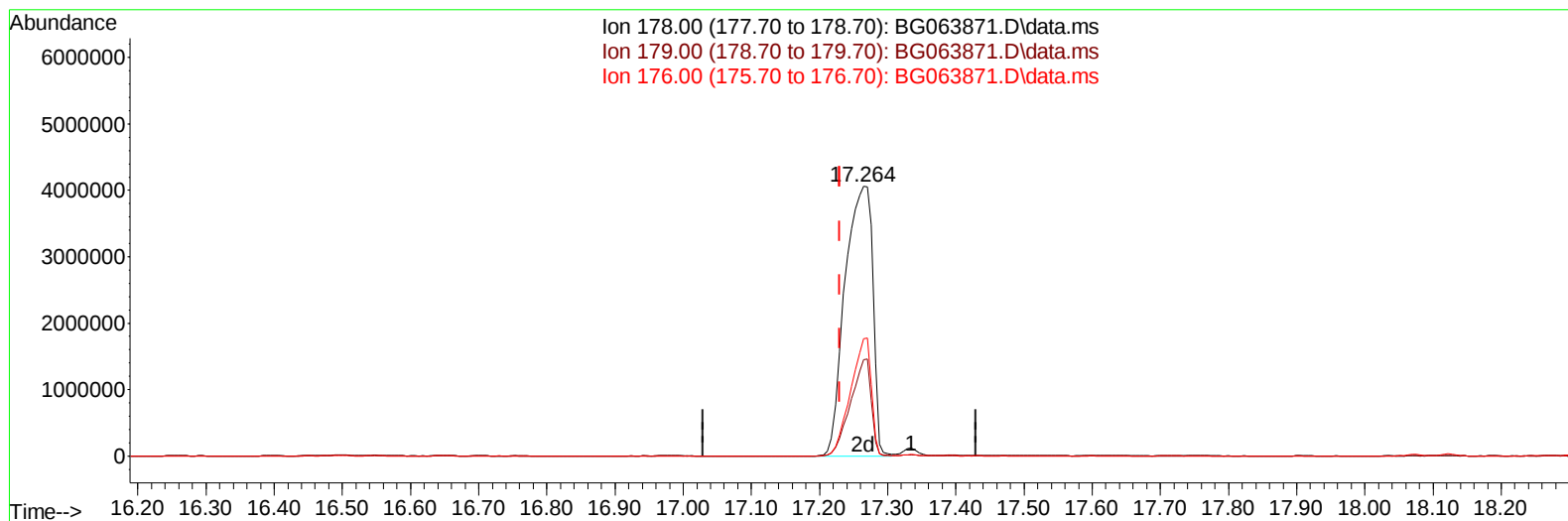
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063871.D
Acq On : 27 Dec 2024 16:48
Operator : RC/JU
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Dec 27 23:31:33 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
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Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BG063871.D\data.ms

(72) Phenanthrene

17.264min (+ 0.035) 353.94 ng/u1 m

response 11449933

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	35.78#
176.00	19.70	43.50#
0.00	0.00	0.00

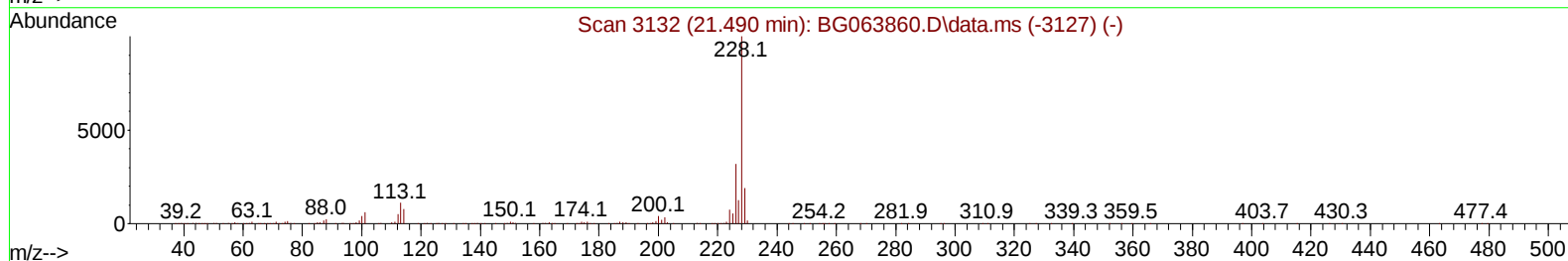
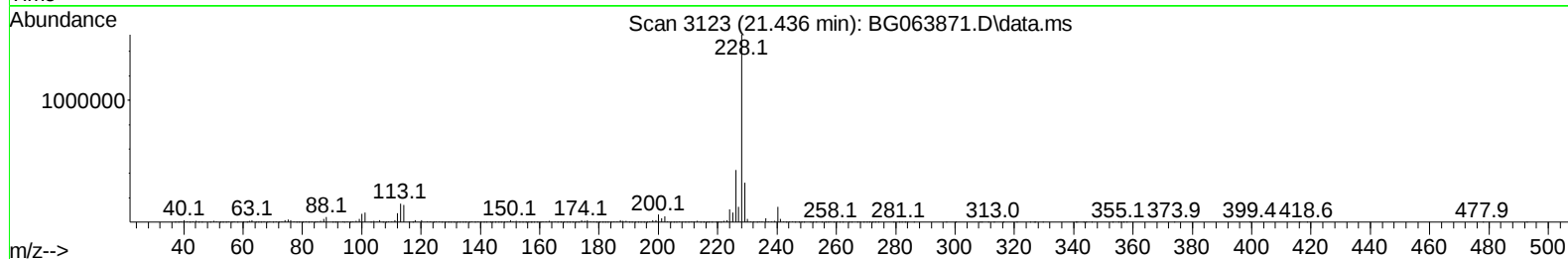
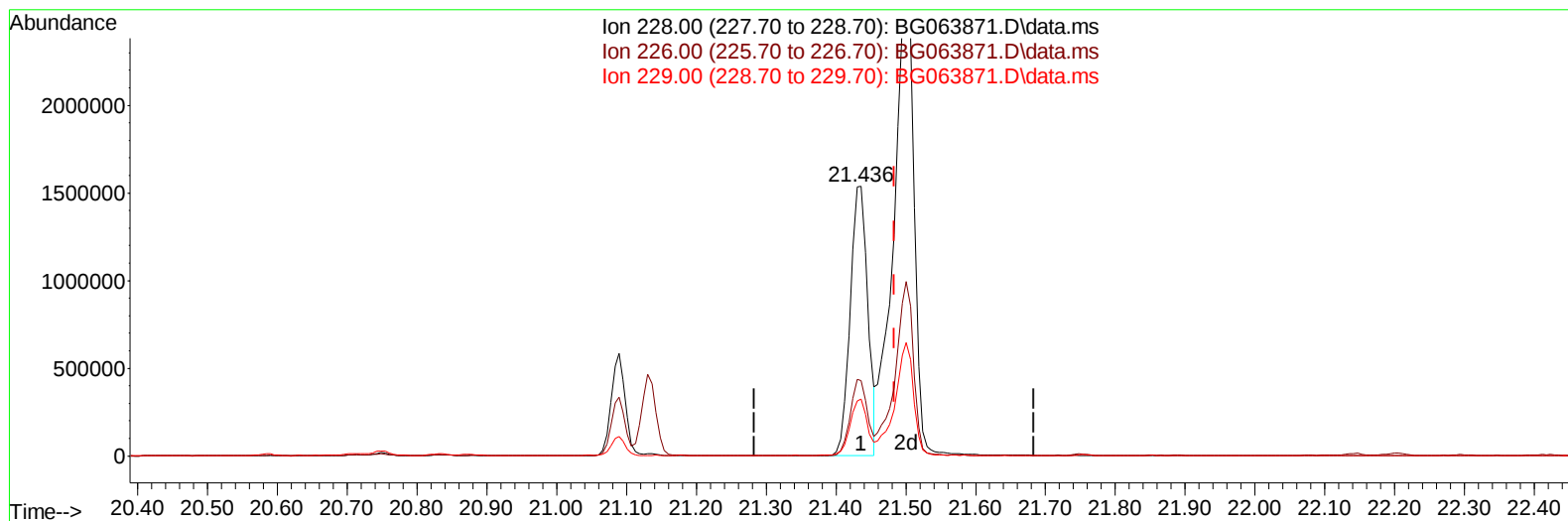
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063871.D
Acq On : 27 Dec 2024 16:48
Operator : RC/JU
Sample : P5265-18
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903

Manual IntegrationsAPPROVED

Quant Time: Dec 27 23:31:33 2024
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Supervised By :mohammad ahmed 12/30/2024



TIC: BG063871.D\data.ms

(87) Chrysene

21.436min (-0.048) 59.84 ng/u1

response 2665345

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	27.91
229.00	18.50	21.03
0.00	0.00	0.00

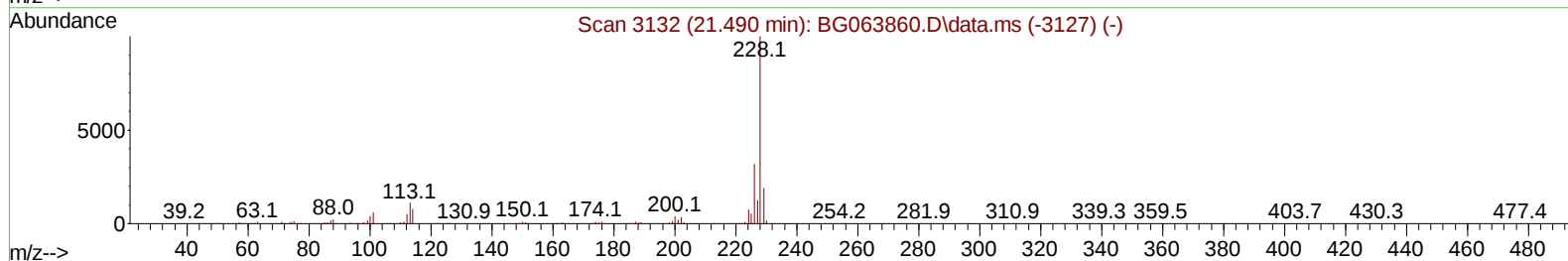
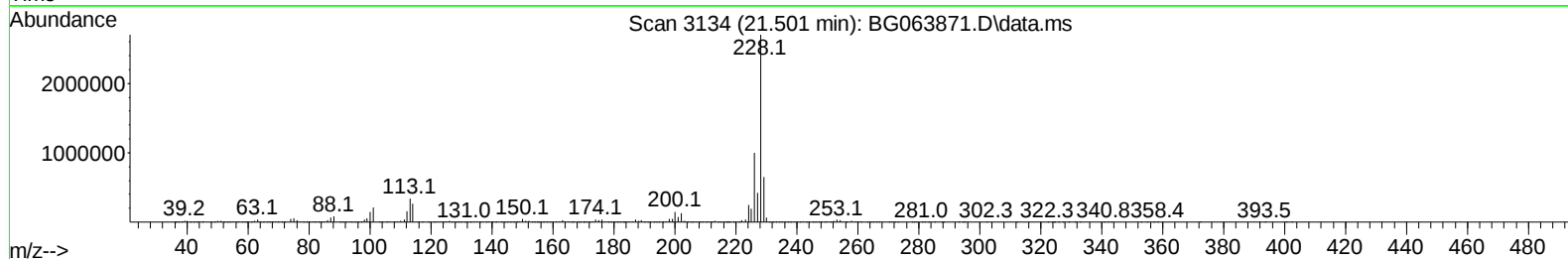
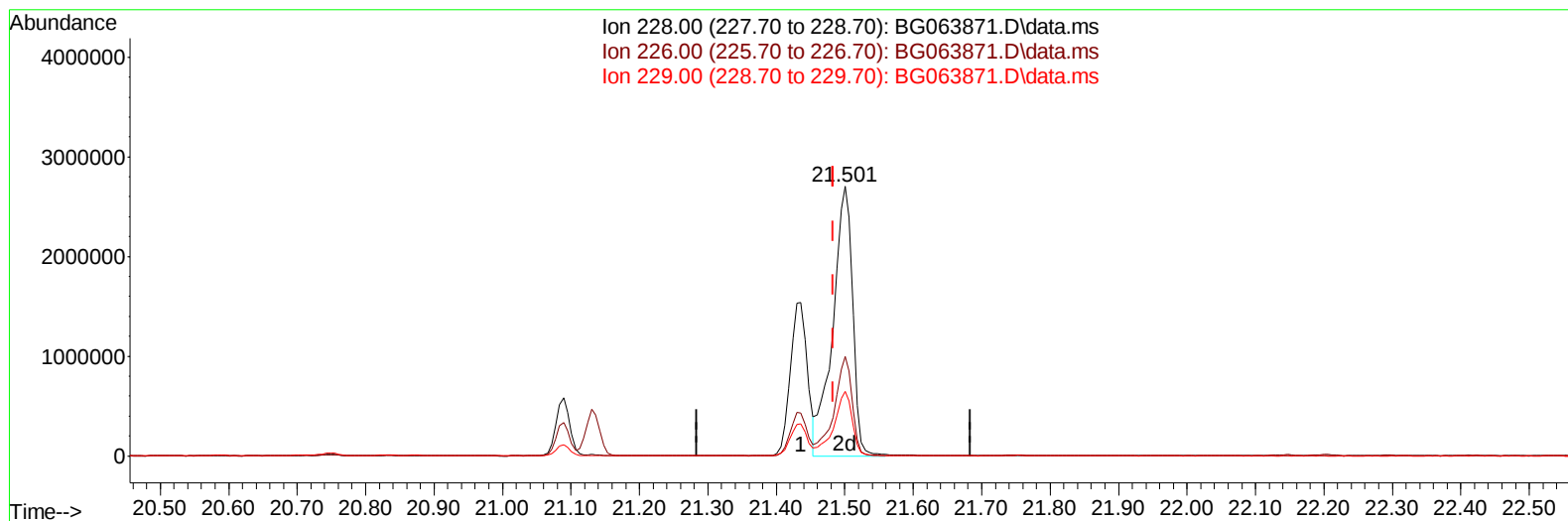
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063871.D
Acq On : 27 Dec 2024 16:48
Operator : RC/JU
Sample : P5265-18
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 23:31:33 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: BG063871.D\data.ms

(87) Chrysene

21.501min (+ 0.017) 122.49 ng/u1 m

response 5455957

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	36.86#
229.00	18.50	24.00#
0.00	0.00	0.00

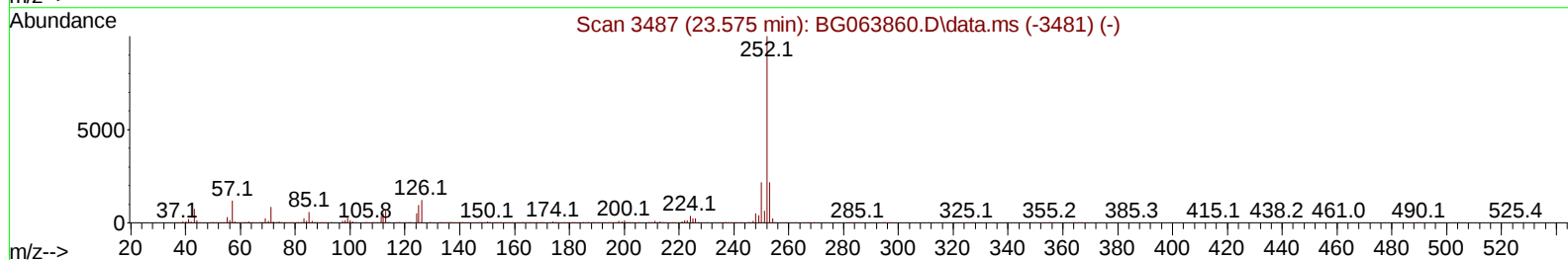
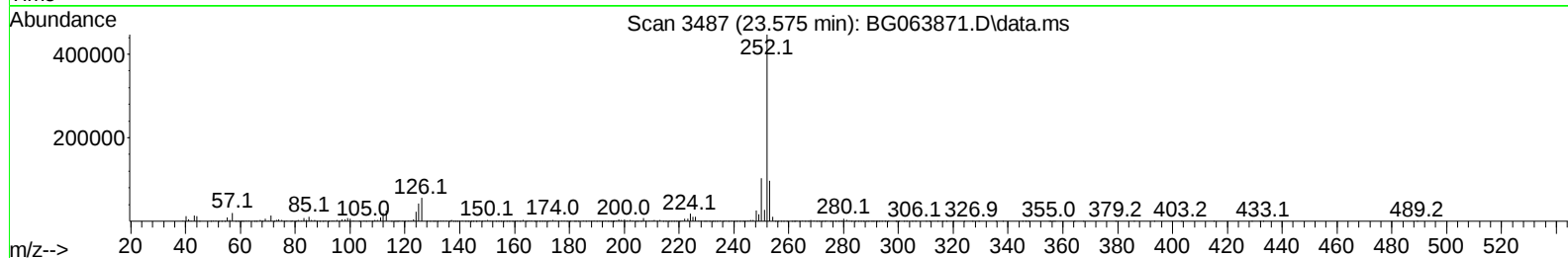
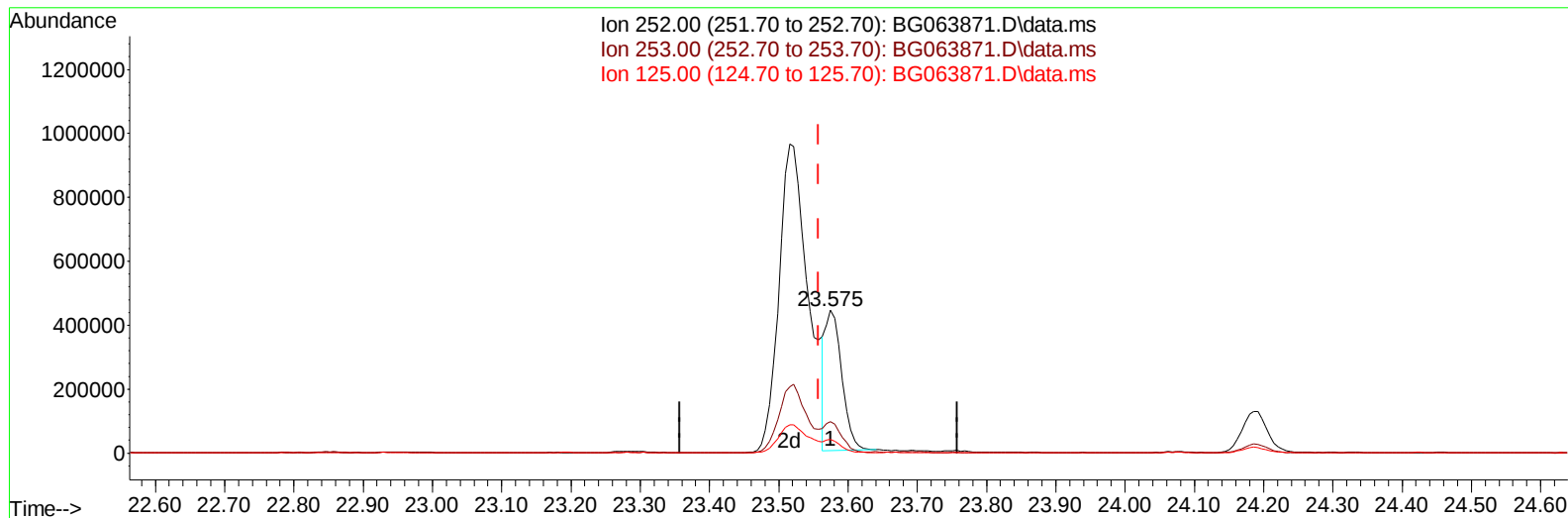
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063871.D
Acq On : 27 Dec 2024 16:48
Operator : RC/JU
Sample : P5265-18
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903

Manual IntegrationsAPPROVED

Quant Time: Dec 27 23:31:33 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
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Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BG063871.D\data.ms

(91) Benzo(k)fluoranthene

23.575min (+ 0.017) 15.76 ng/u1

response 717412

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.88
125.00	8.10	9.62
0.00	0.00	0.00

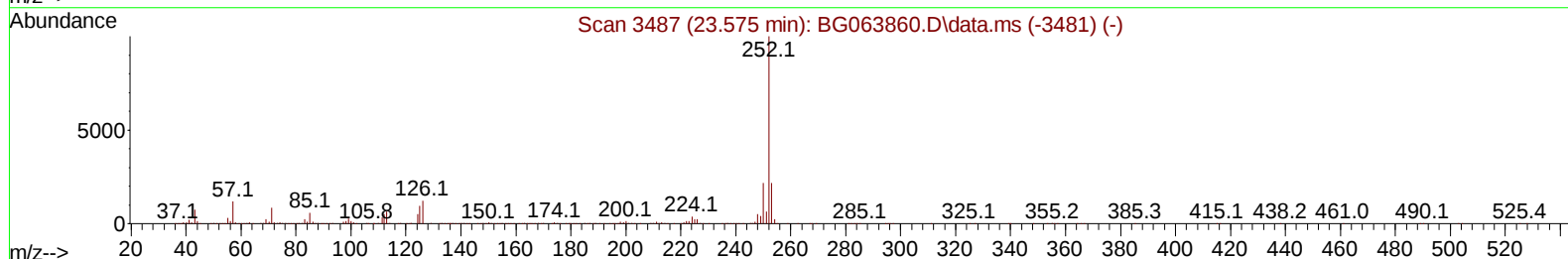
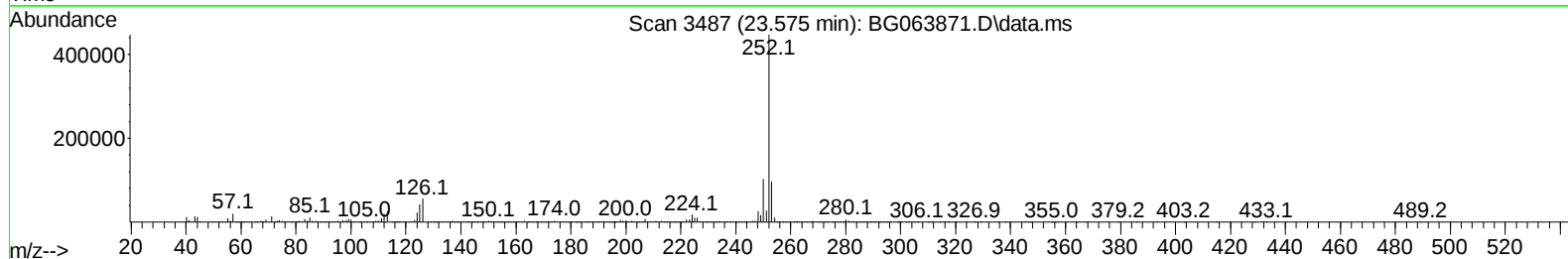
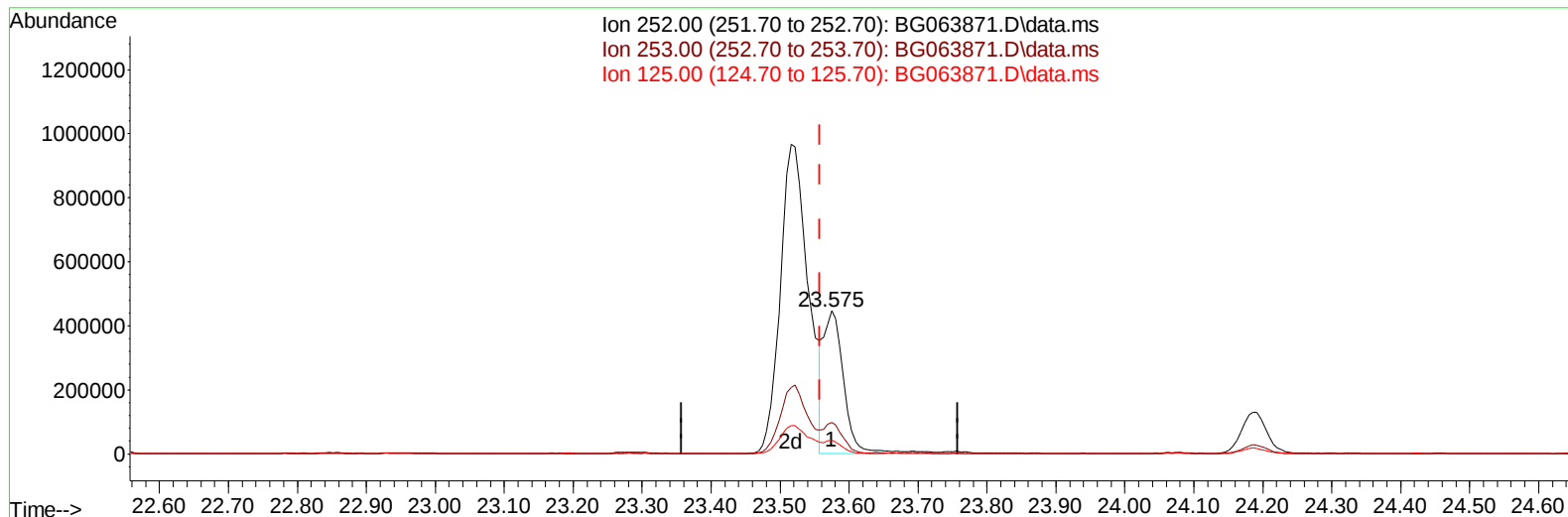
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063871.D
Acq On : 27 Dec 2024 16:48
Operator : RC/JU
Sample : P5265-18
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903

Manual IntegrationsAPPROVED

Quant Time: Dec 27 23:31:33 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 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BG063871.D\data.ms

(91) Benzo(k)fluoranthene

23.575min (+ 0.017) 19.52 ng/ul m

response 888361

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.88
125.00	8.10	9.62
0.00	0.00	0.00

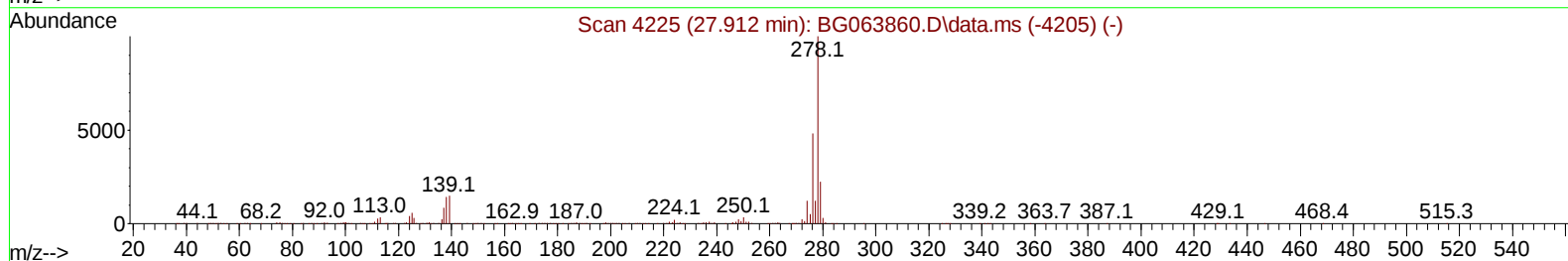
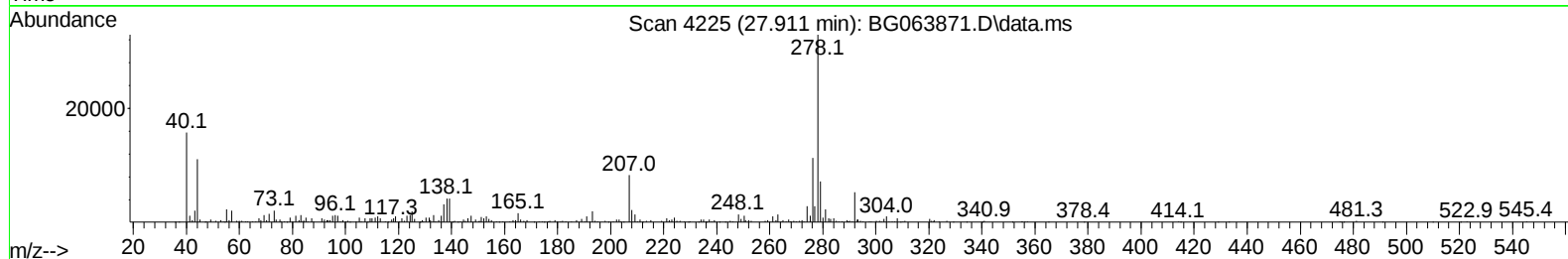
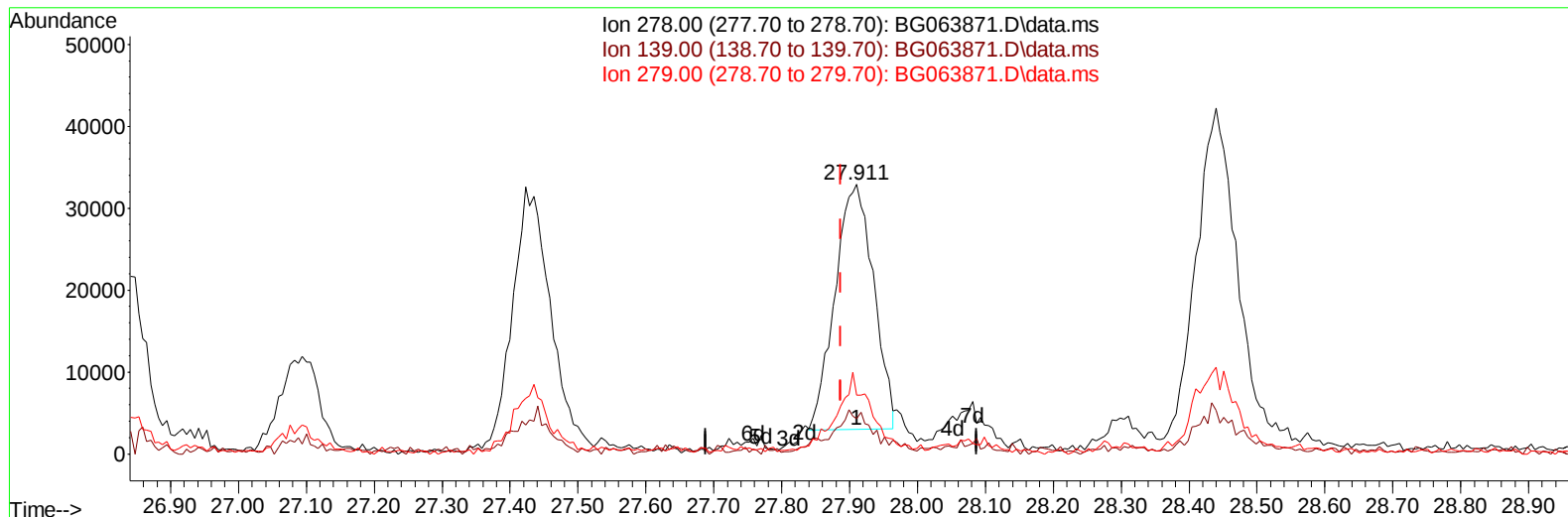
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063871.D
Acq On : 27 Dec 2024 16:48
Operator : RC/JU
Sample : P5265-18
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903

Manual IntegrationsAPPROVED

Quant Time: Dec 27 23:31:33 2024
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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 12/30/2024
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TIC: BG063871.D\data.ms

(95) Dibenzo(a,h)anthracene

27.911min (+ 0.023) 2.82 ng/u1

response 117937

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.10	13.00
279.00	21.60	21.91
0.00	0.00	0.00

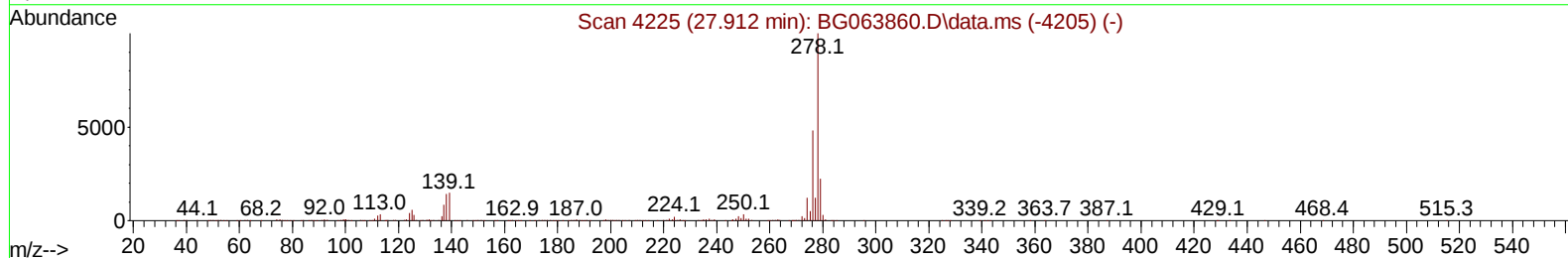
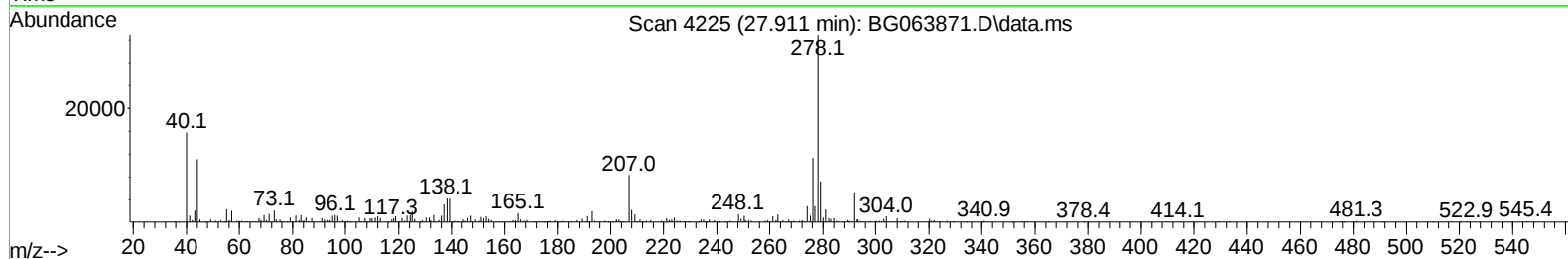
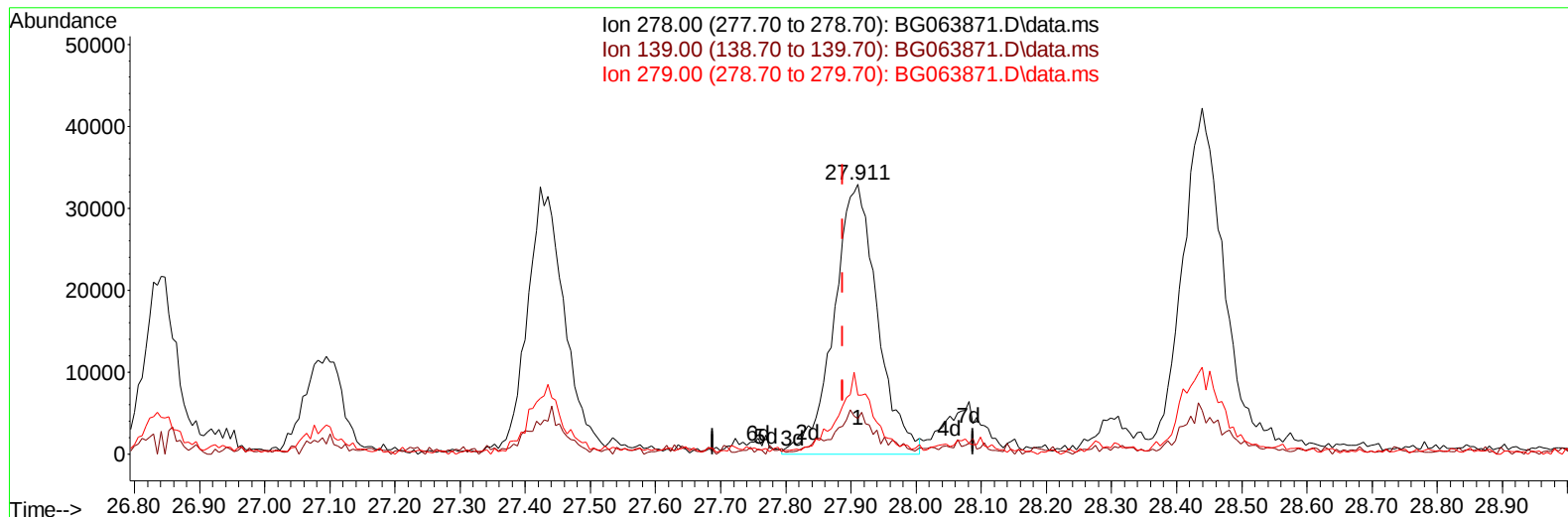
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063871.D
Acq On : 27 Dec 2024 16:48
Operator : RC/JU
Sample : P5265-18
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903

Manual IntegrationsAPPROVED

Quant Time: Dec 27 23:31:33 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 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BG063871.D\data.ms

(95) Dibenzo(a,h)anthracene

27.911min (+ 0.023) 3.66 ng/ul m

response 153191

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.10	13.00
279.00	21.60	21.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063871.D
 Acq On : 27 Dec 2024 16:48
 Operator : RC/JU
 Sample : P5265-18
 Misc : GCMS CONFIRMATION
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2903

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:06:46 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 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	116367	20.000	ng/ul	0.00
20) Naphthalene-d8	10.584	136	435339	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.438	164	300500	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.200	188	671313	20.000	ng/ul	0.01
79) Chrysene-d12	21.454	240	745681	20.000	ng/ul	0.02
88) Perylene-d12	24.468	264	802899	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						
						Qvalue
30) Naphthalene	10.631	128	849049	39.009	ng/ul	99
36) 2-Methylnaphthalene	12.253	142	392002	25.059	ng/ul	99
37) 1-Methylnaphthalene	12.470	142	287972	18.073	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	227158	11.463	ng/ul	92
52) Acenaphthene	14.503	153	623123	35.175	ng/ul	97
56) Dibenzofuran	14.844	168	2033757	81.432	ng/ul	100
61) Fluorene	15.496	166	1022339	51.264	ng/ul	97
72) Phenanthrene	17.264	178	11449933m	353.935	ng/ul	
74) Anthracene	17.335	178	162134	4.952	ng/ul	99
80) Fluoranthene	19.286	202	10636907	241.179	ng/ul#	70
82) Pyrene	19.632	202	6122620	130.482	ng/ul#	84
85) Benzo(a)anthracene	21.436	228	2665345	57.034	ng/ul	98
87) Chrysene	21.501	228	5455957m	122.494	ng/ul	
90) Benzo(b)fluoranthene	23.516	252	2703256	59.239	ng/ul	99
91) Benzo(k)fluoranthene	23.575	252	888361m	19.516	ng/ul	
95) Dibenzo(a,h)anthracene	27.911	278	153191m	3.660	ng/ul	

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

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Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:06:46 2024
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