

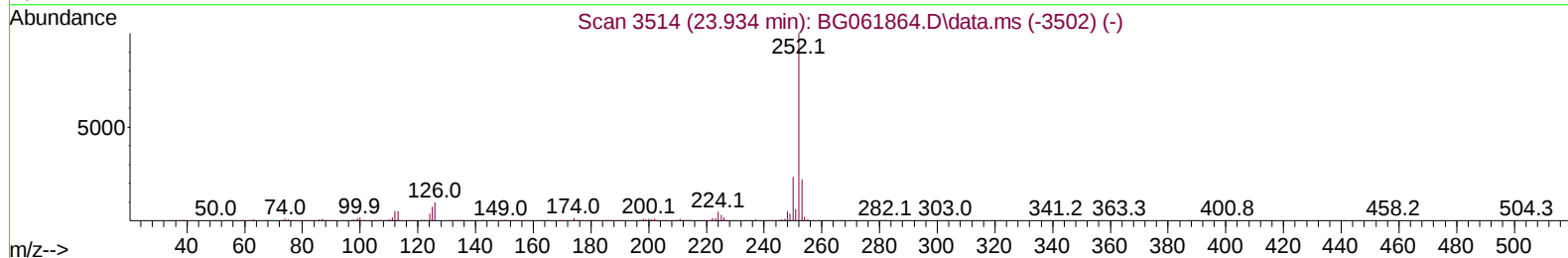
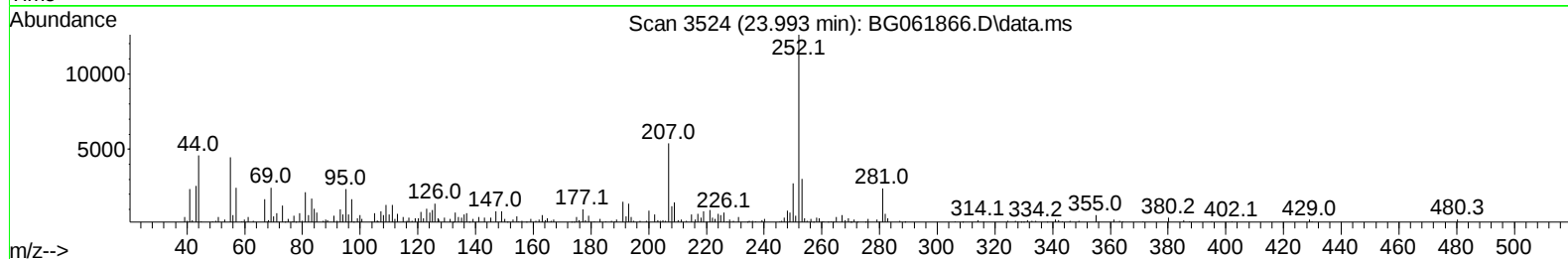
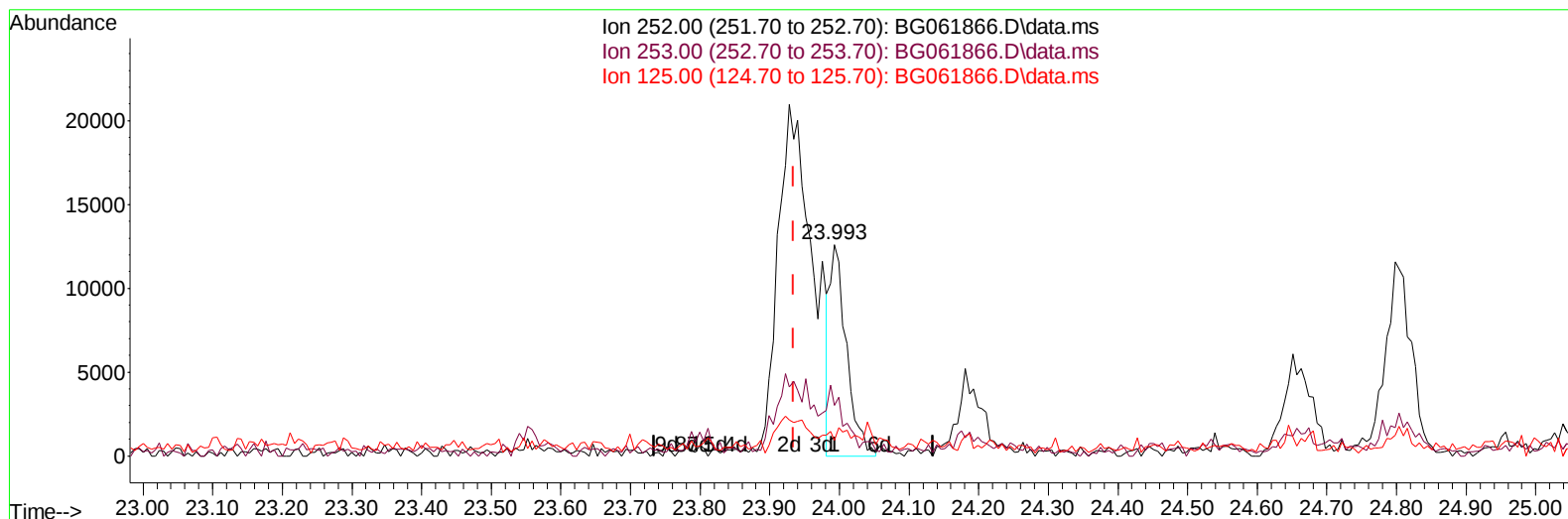
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061866.D
Acq On : 3 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 16:57:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BG061866.D\data.ms

(90) Benzo(b)fluoranthene

23.993min (+ 0.059) 0.90 ng/u1

response 20781

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.95
125.00	7.60	7.50
0.00	0.00	0.00

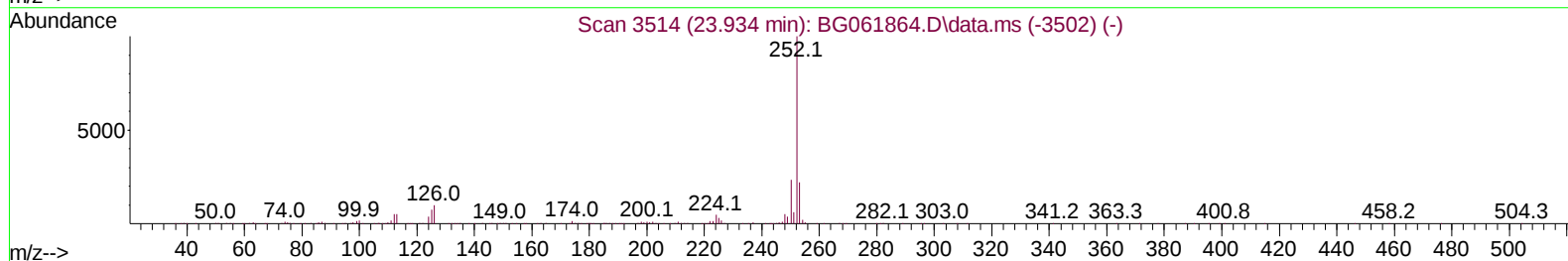
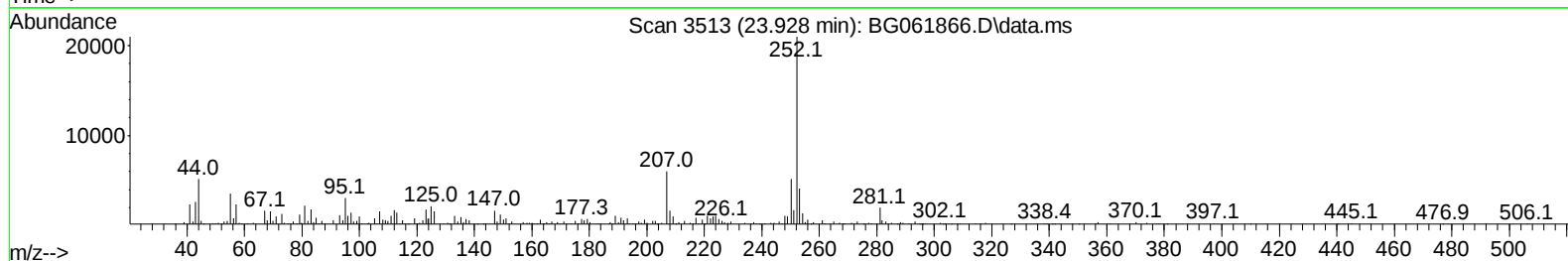
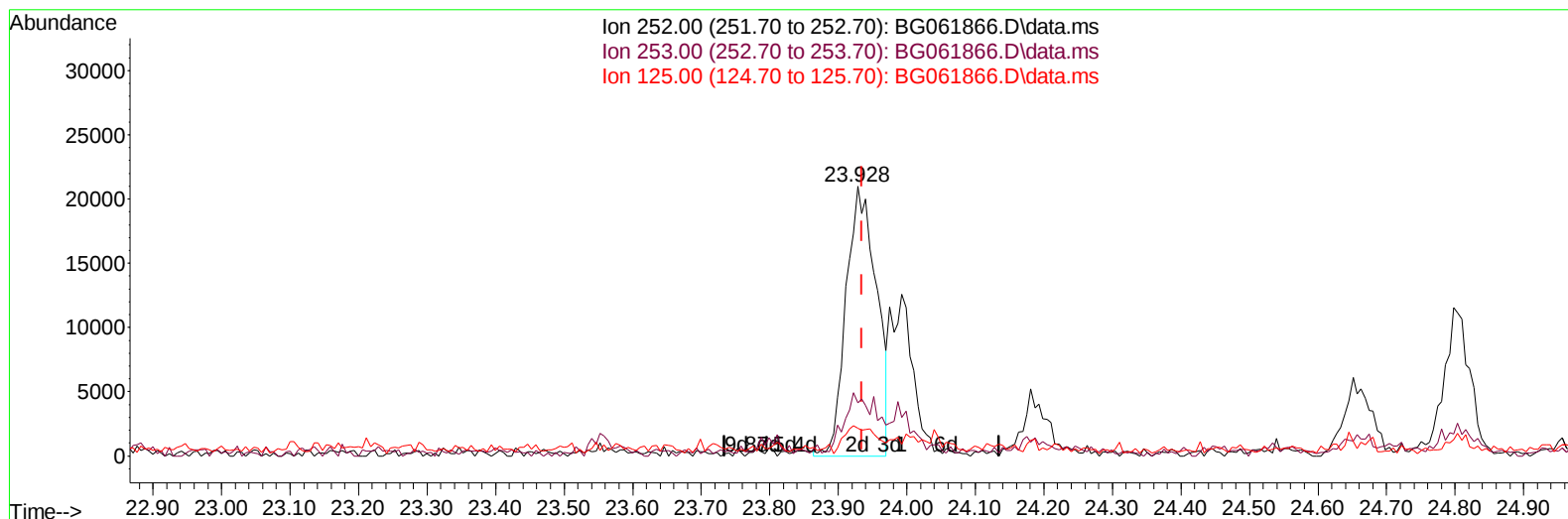
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TIC: BG061866.D\data.ms

(90) Benzo(b)fluoranthene

23.928min (-0.006) 2.79 ng/u1 m

response 64471

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	19.60
125.00	7.60	10.31#
0.00	0.00	0.00

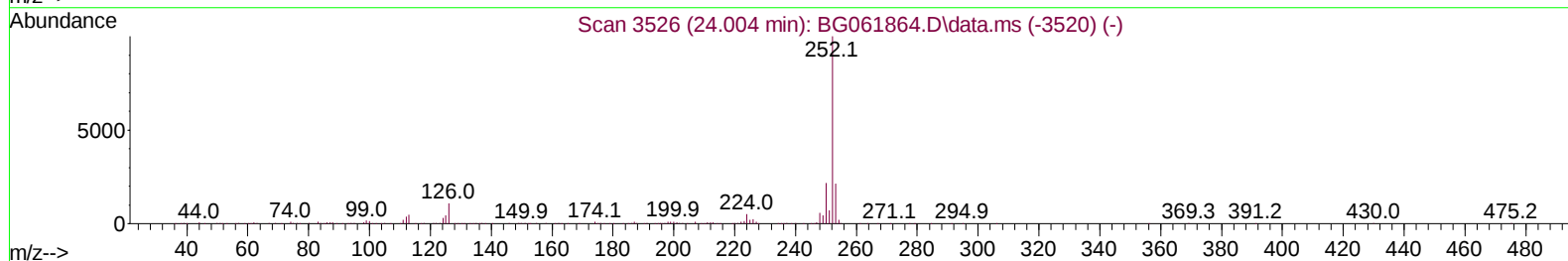
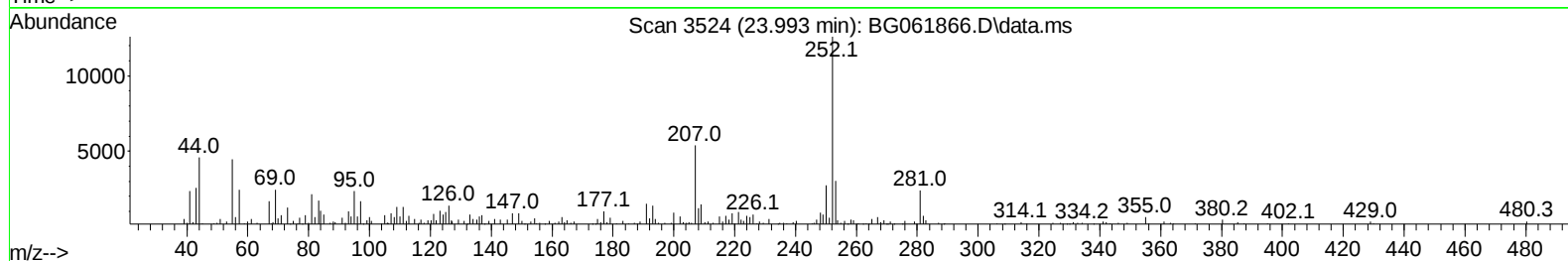
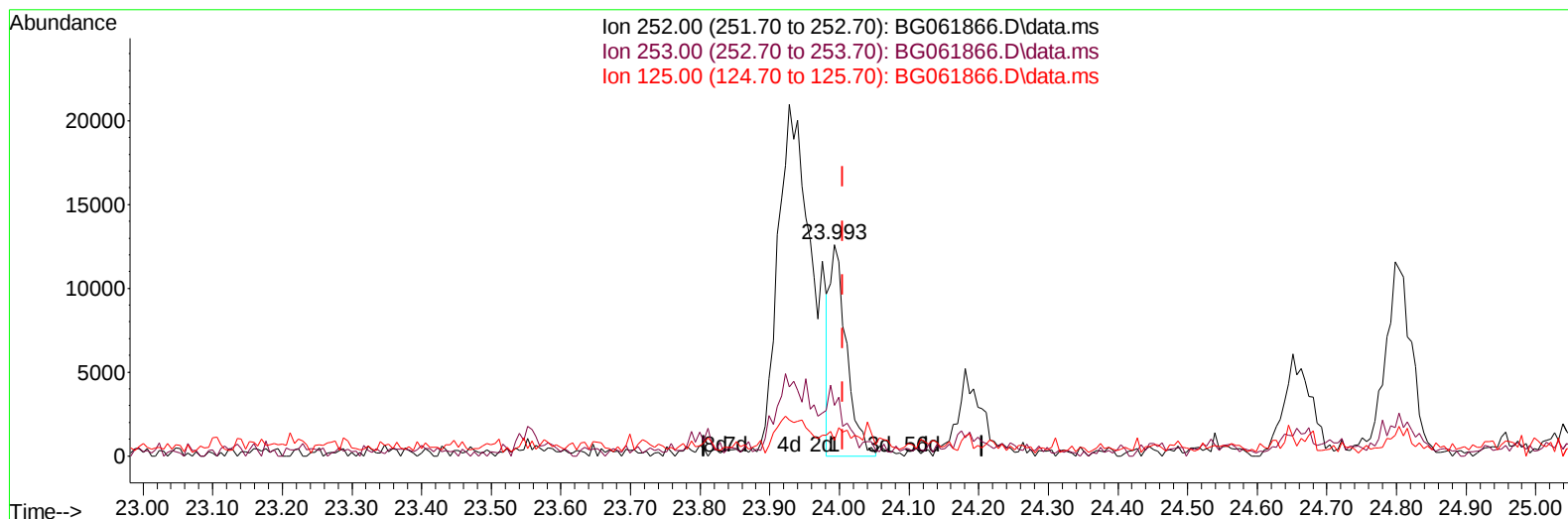
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061866.D
Acq On : 3 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT0

Manual IntegrationsAPPROVED

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TIC: BG061866.D\data.ms

(91) Benzo(k)fluoranthene

23.993min (-0.012) 0.90 ng/u1

response 20781

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	23.95
125.00	7.90	7.50
0.00	0.00	0.00

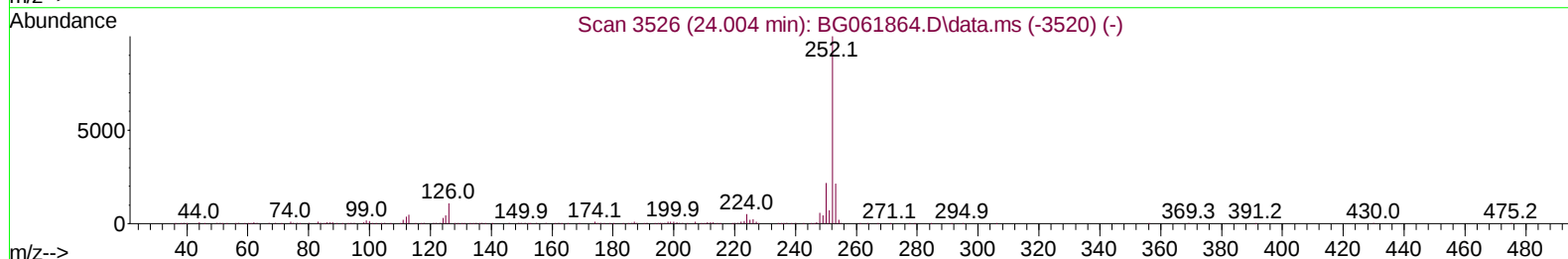
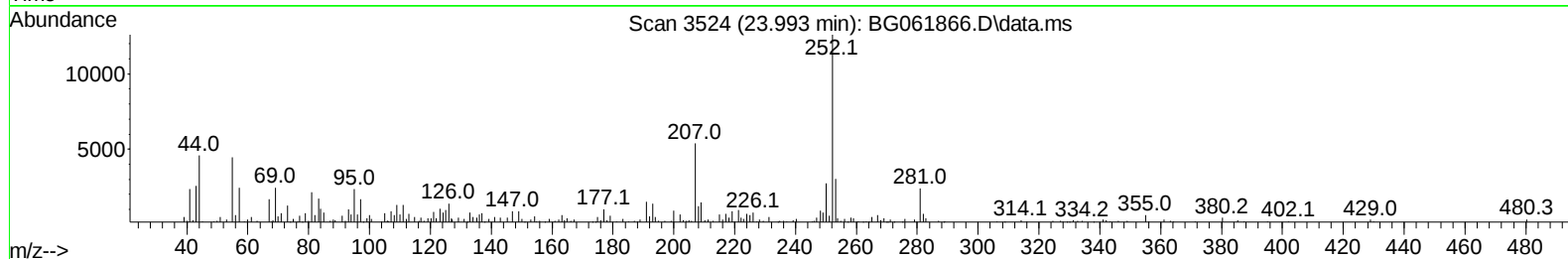
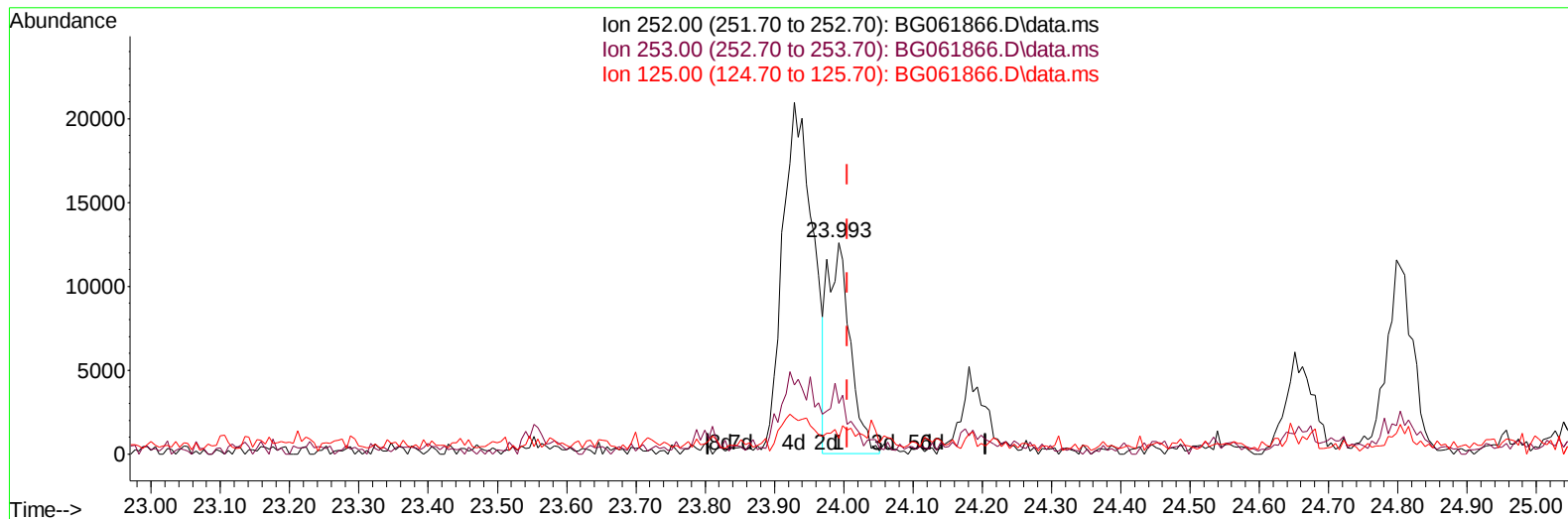
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061866.D
Acq On : 3 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 16:57:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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TIC: BG061866.D\data.ms

(91) Benzo(k)fluoranthene

23.993min (-0.012) 1.22 ng/u1 m

response 28166

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	23.95
125.00	7.90	7.50
0.00	0.00	0.00

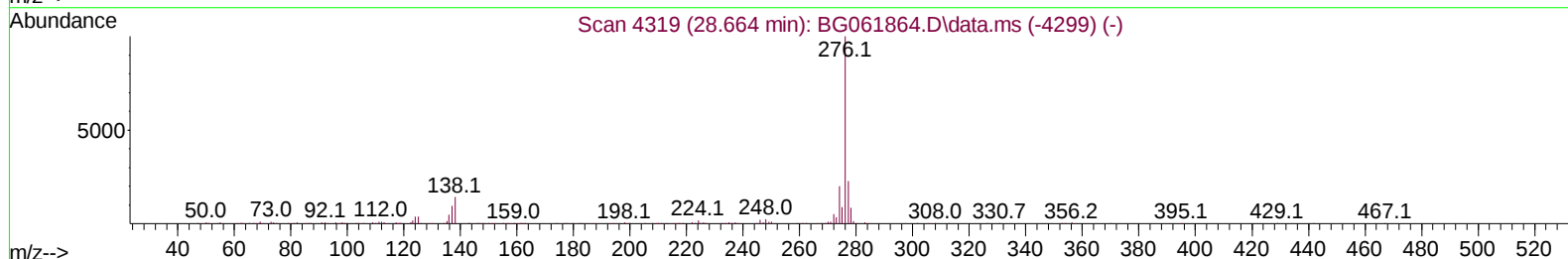
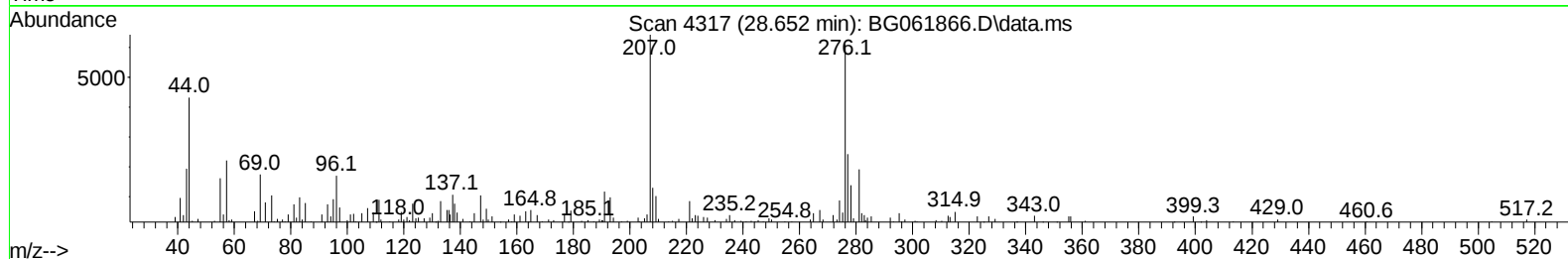
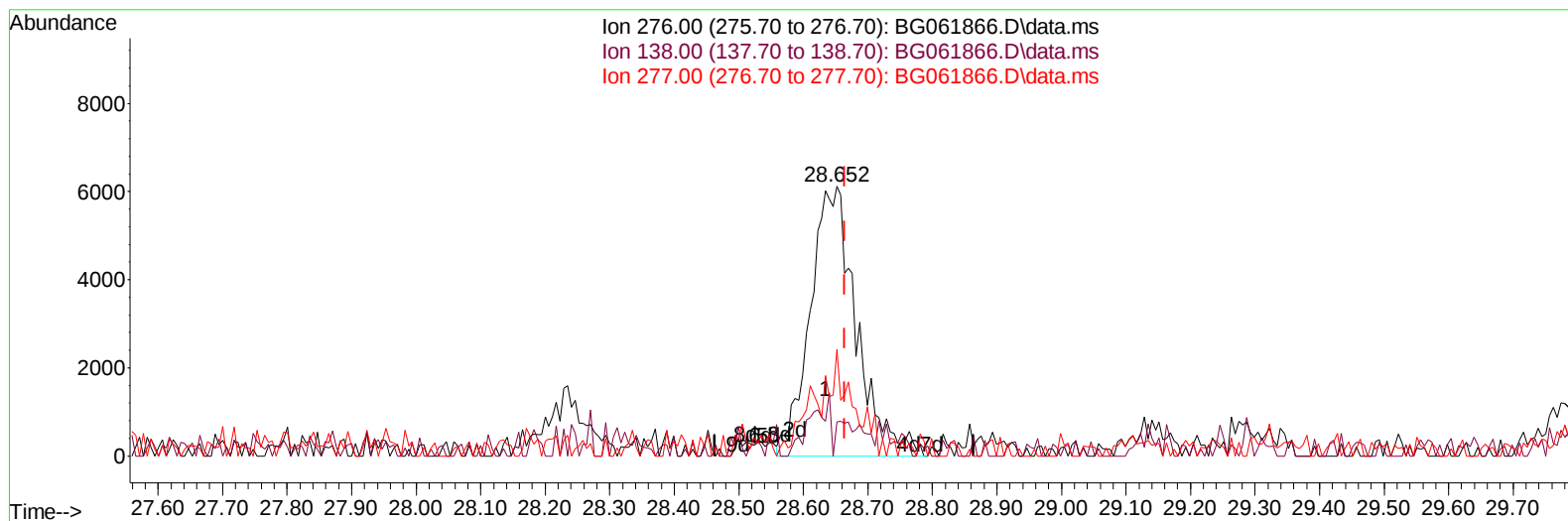
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061866.D
Acq On : 3 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 17:00:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BG061866.D\data.ms

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

28.652min (-0.012) 1.08 ng/ul m

response 30248

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	12.64
277.00	24.10	39.59#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061866.D
 Acq On : 3 Jul 2024 16:21
 Operator : MA/JU
 Sample : P2964-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 17:01:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	39468	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	193872	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	143011	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	349632	20.000	ng/ul	0.00
79) Chrysene-d12	21.719	240	308002	20.000	ng/ul	0.00
88) Perylene-d12	24.956	264	366341	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	3319	3.160	ng/uL	0.00
4) Pyridine-d5	3.911	84	6784	2.101	ng/ul	0.00
7) Phenol-d5	7.248	99	83873	19.418	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	52892	19.337	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	58681	19.806	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	63080	18.549	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	30774	20.871	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	38898	23.101	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	69922	21.529	ng/ul	0.00
31) 4-Chloroaniline-d4	11.038	131	57304	12.153	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	268984	22.878	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	273401	22.238	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	37306	19.869	ng/ul	-0.01
60) Fluorene-d10	15.709	176	231604	23.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	38330	20.875	ng/ul	-0.01
73) Anthracene-d10	17.553	188	375143	22.981	ng/ul	0.00
81) Pyrene-d10	19.833	212	381994	21.086	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	289077	15.911	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.501	178	44965	2.439	ng/ul	98
80) Fluoranthene	19.504	202	91406	4.263	ng/ul	98
82) Pyrene	19.862	202	74468	3.363	ng/ul	99
85) Benzo(a)anthracene	21.701	228	51631	2.315	ng/ul	97
87) Chrysene	21.760	228	49057	2.350	ng/ul	97
90) Benzo(b)fluoranthene	23.928	252	64471m	2.793	ng/ul	
91) Benzo(k)fluoranthene	23.993	252	28166m	1.224	ng/ul	
93) Benzo(a)pyrene	24.798	252	28555	1.307	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.652	276	30248m	1.083	ng/ul	

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

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Data File : BG061866.D
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Misc :
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Instrument :
BNA_G
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A4CT0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 17:01:05 2024
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