

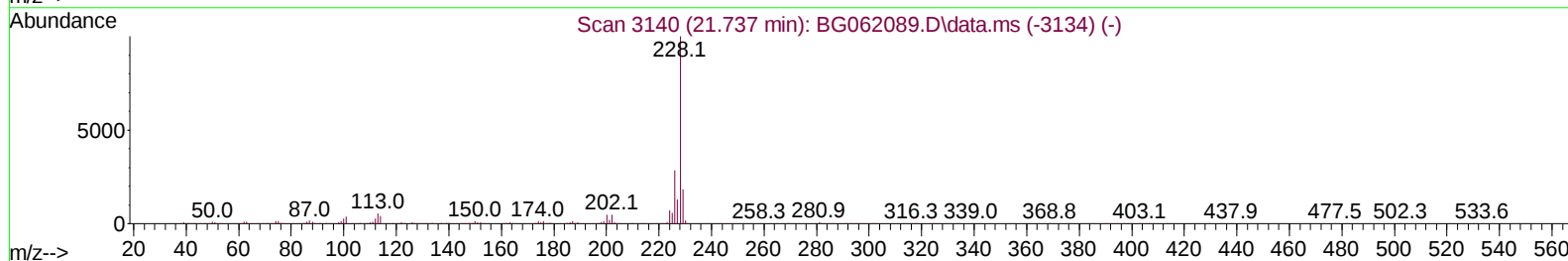
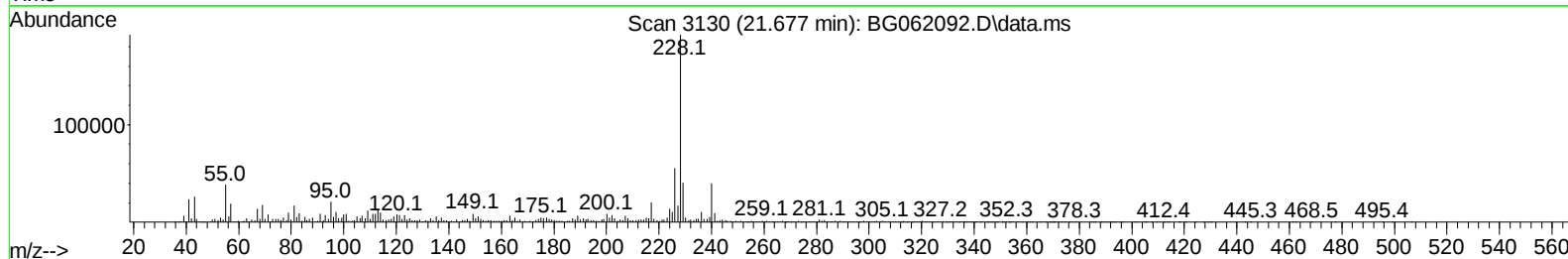
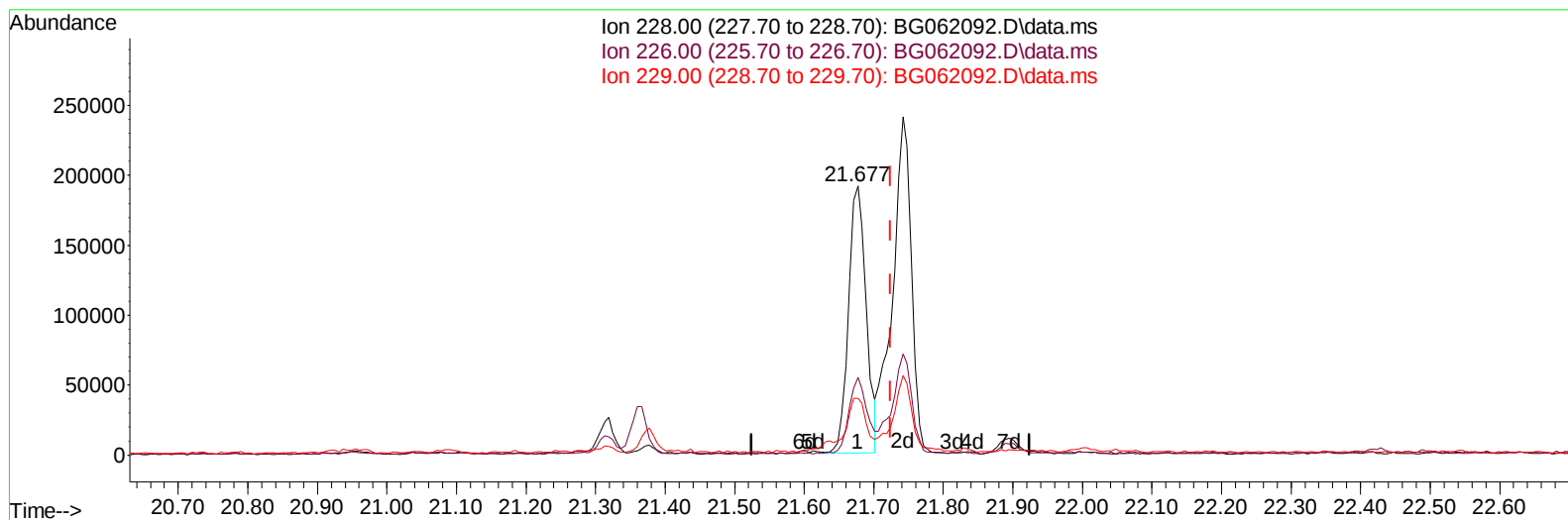
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062092.D
 Acq On : 16 Jul 2024 13:31
 Operator : MA/JU
 Sample : P3177-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BY2

Manual IntegrationsAPPROVED

Quant Time: Jul 16 14:05:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/17/2024
 Supervised By :mohammad ahmed 07/18/2024



TIC: BG062092.D\data.ms

(87) Chrysene

21.677min (-0.047) 15.55 ng/u1

response 336848

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	28.96
229.00	19.40	21.12
0.00	0.00	0.00

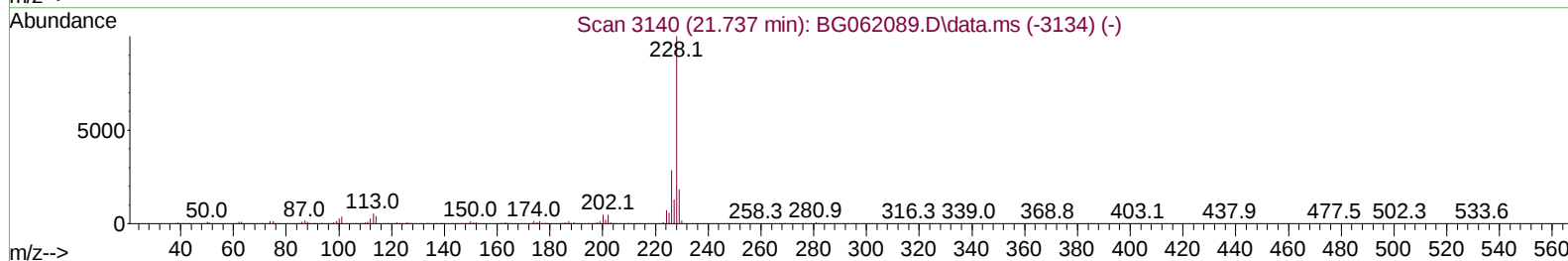
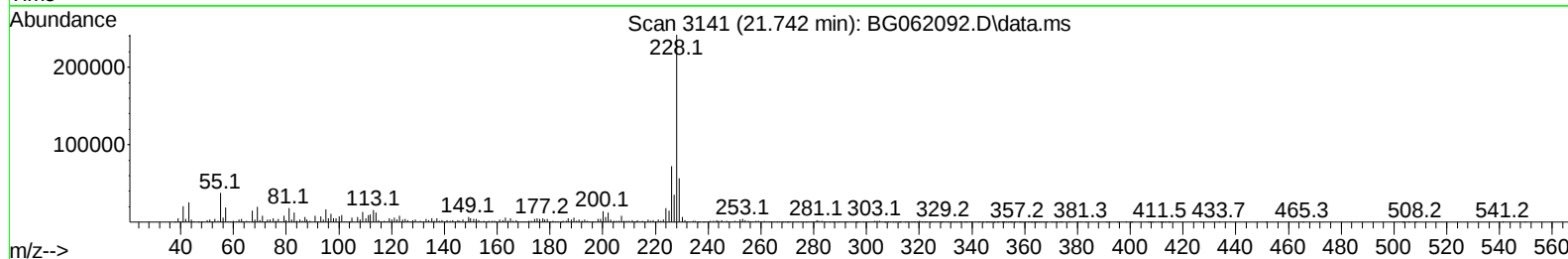
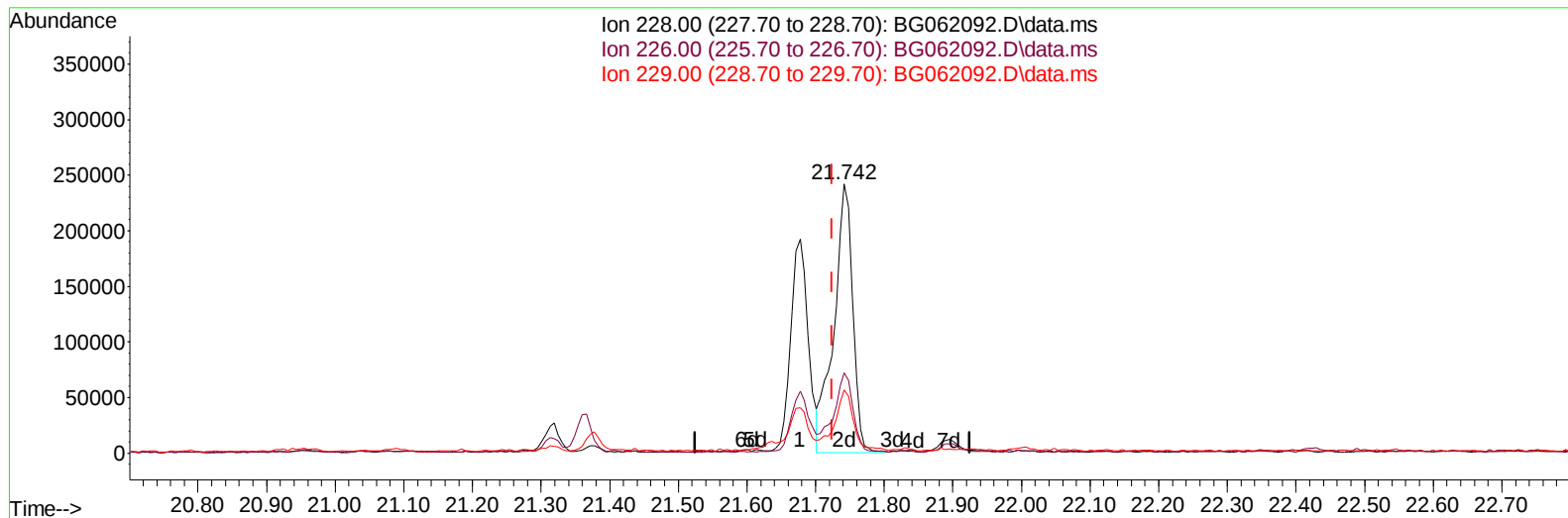
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062092.D
Acq On : 16 Jul 2024 13:31
Operator : MA/JU
Sample : P3177-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 16 14:05:52 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062092.D\data.ms

(87) Chrysene

21.742min (+ 0.017) 21.33 ng/ul m

response 461954

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	29.83
229.00	19.40	23.55#
0.00	0.00	0.00

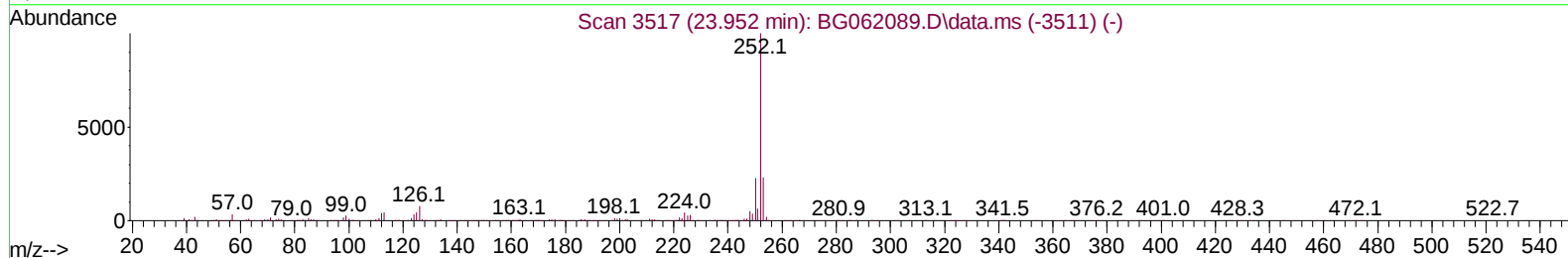
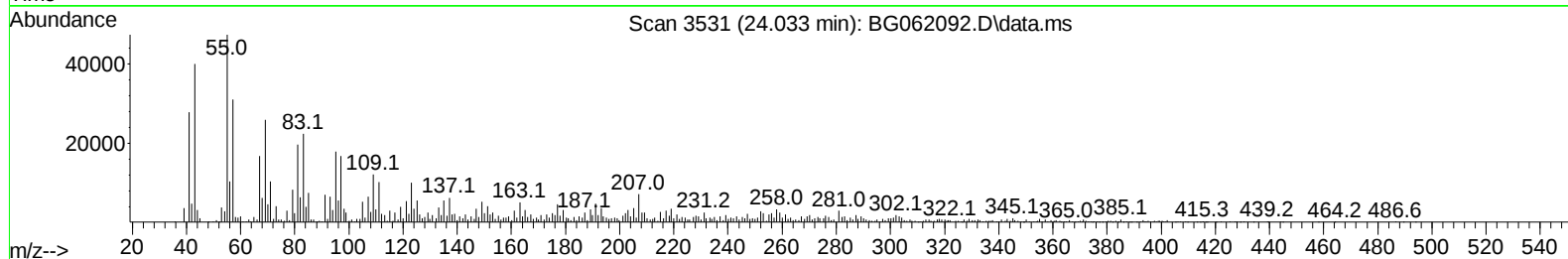
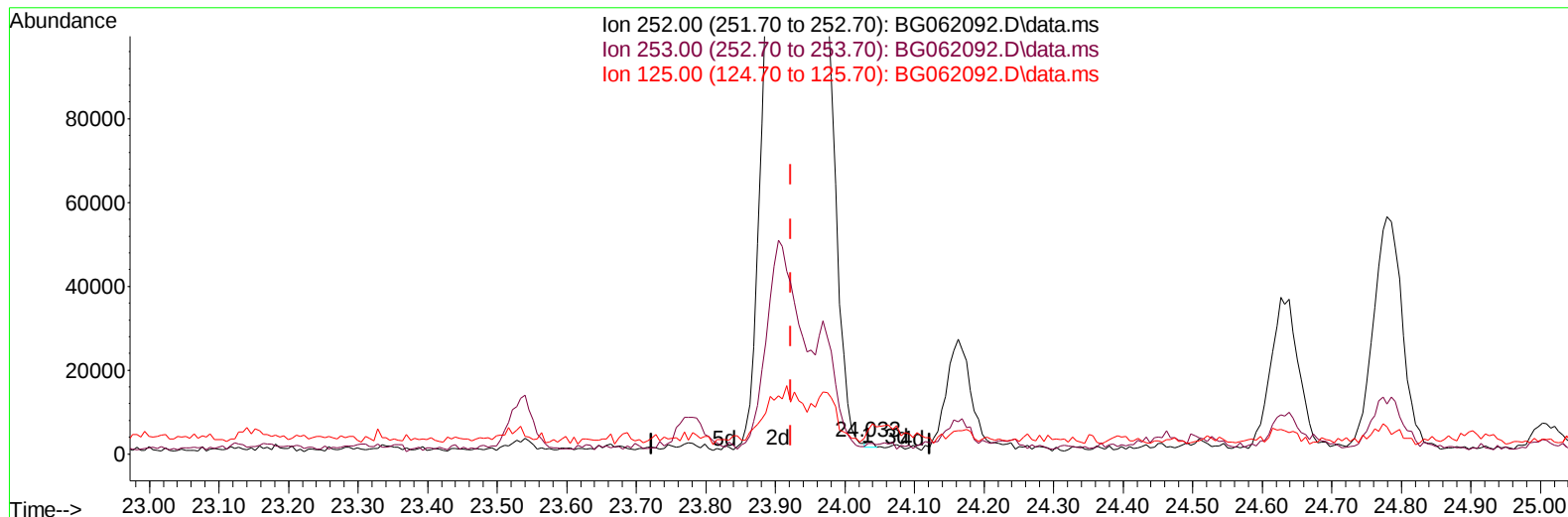
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062092.D
Acq On : 16 Jul 2024 13:31
Operator : MA/JU
Sample : P3177-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 16 14:05:52 2024
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TIC: BG062092.D\data.ms

(91) Benzo(k)fluoranthene

24.033min (+ 0.111) 0.03 ng/u1

response 865

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	86.58#
125.00	7.90	198.81#
0.00	0.00	0.00

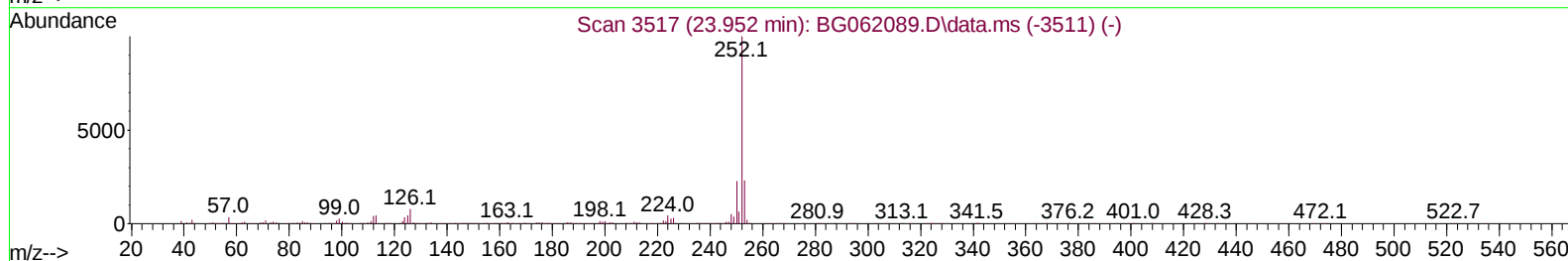
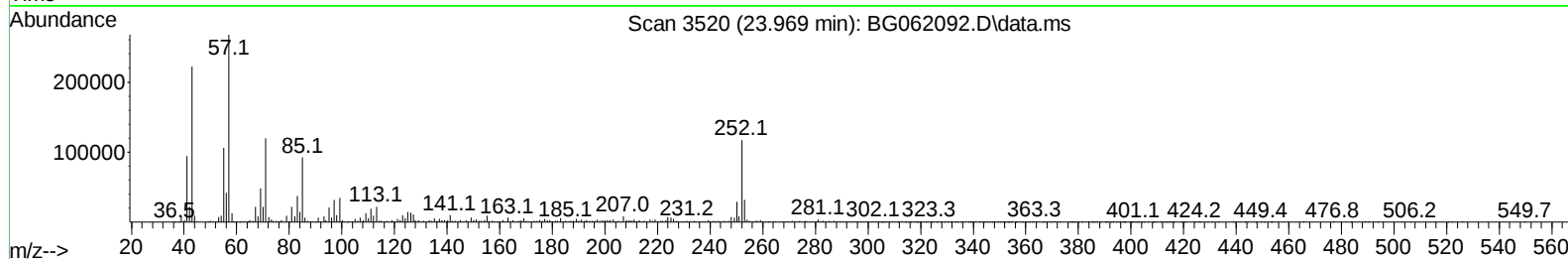
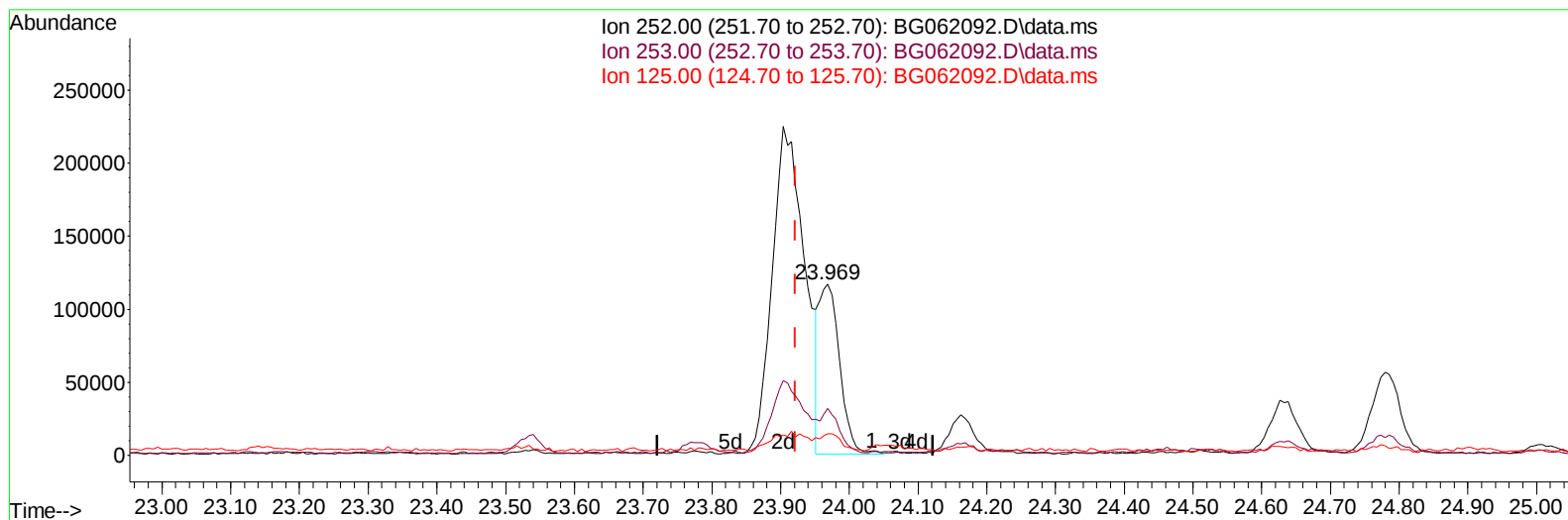
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062092.D
Acq On : 16 Jul 2024 13:31
Operator : MA/JU
Sample : P3177-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY2

Manual IntegrationsAPPROVED

Quant Time: Jul 16 14:05:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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Supervised By :mohammad ahmed 07/18/2024



TIC: BG062092.D\data.ms

(91) Benzo(k)fluoranthene

23.969min (+ 0.047) 9.74 ng/u1 m

response 242331

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	27.12
125.00	7.90	12.55#
0.00	0.00	0.00

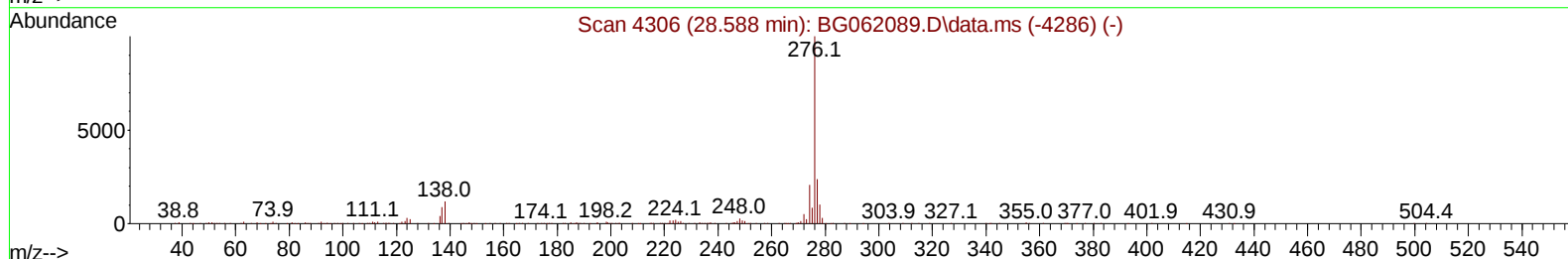
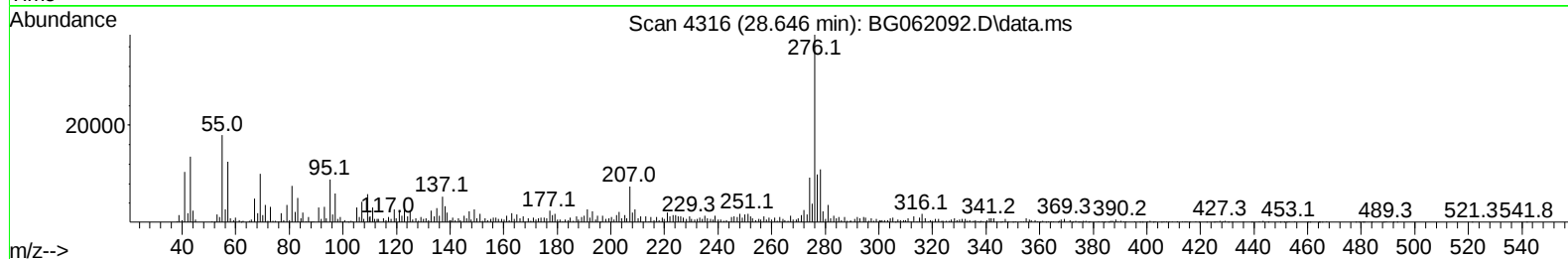
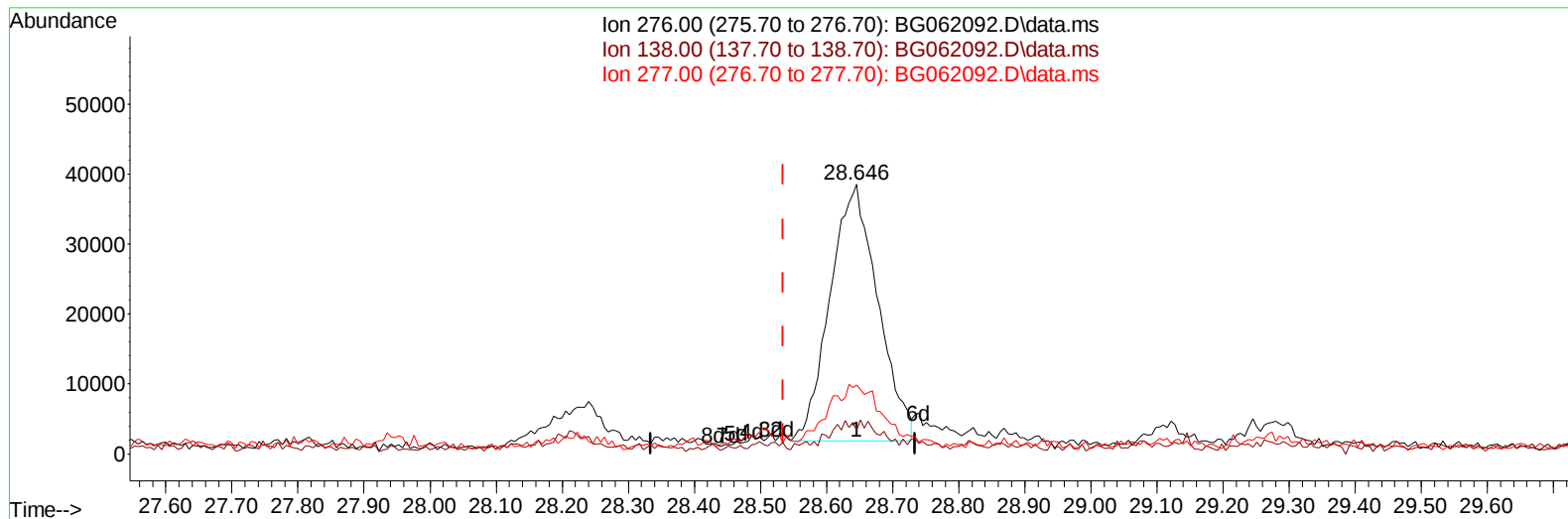
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062092.D
Acq On : 16 Jul 2024 13:31
Operator : MA/JU
Sample : P3177-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY2

Manual IntegrationsAPPROVED

Quant Time: Jul 16 14:40:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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Supervised By :mohammad ahmed 07/18/2024



TIC: BG062092.D\data.ms

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

28.646min (+ 0.111) 6.09 ng/u1

response 184080

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	8.80#
277.00	24.10	25.63
0.00	0.00	0.00

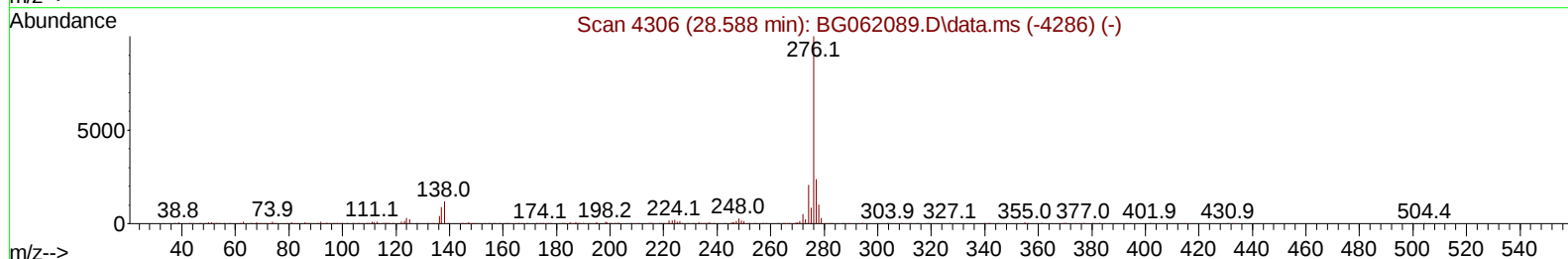
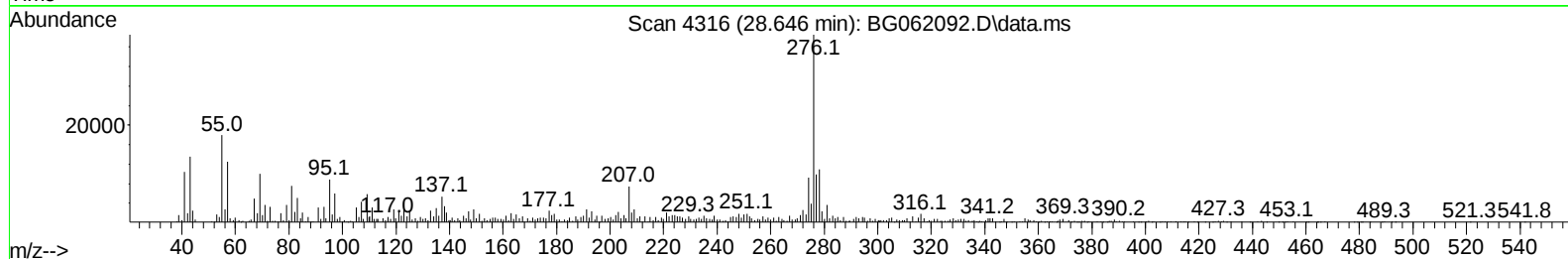
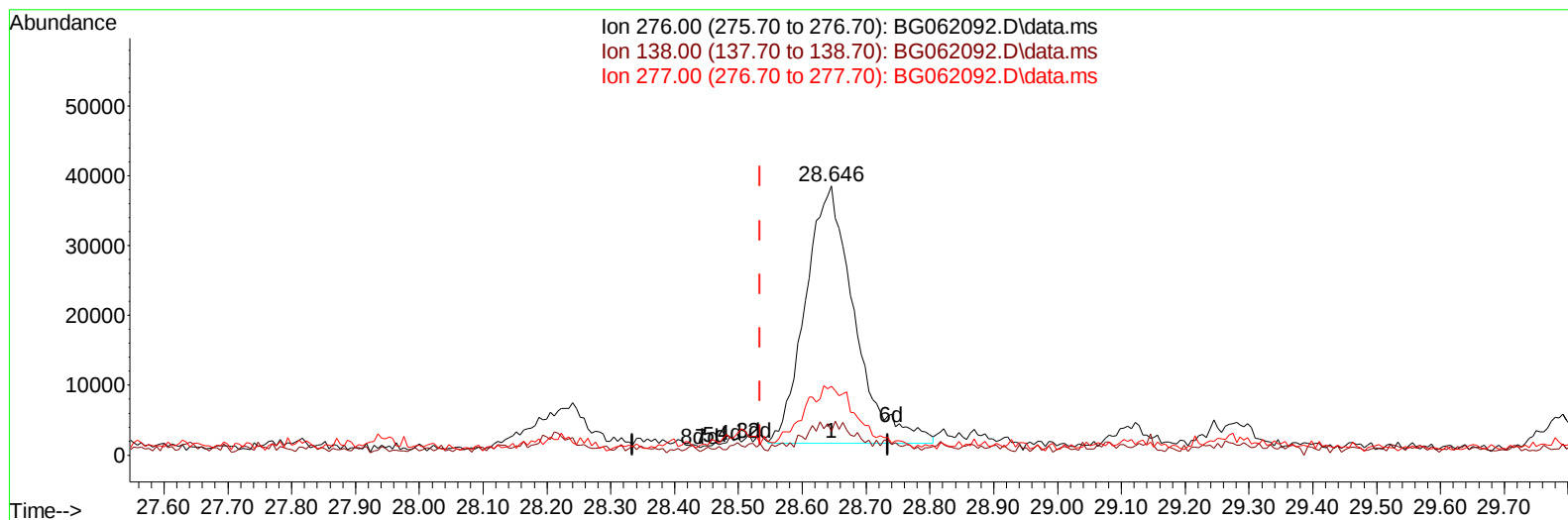
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062092.D
Acq On : 16 Jul 2024 13:31
Operator : MA/JU
Sample : P3177-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY2

Manual IntegrationsAPPROVED

Quant Time: Jul 16 14:40:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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Supervised By :mohammad ahmed 07/18/2024



TIC: BG062092.D\data.ms

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

28.646min (+ 0.111) 6.49 ng/ul m

response 195938

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	8.80#
277.00	24.10	25.63
0.00	0.00	0.00

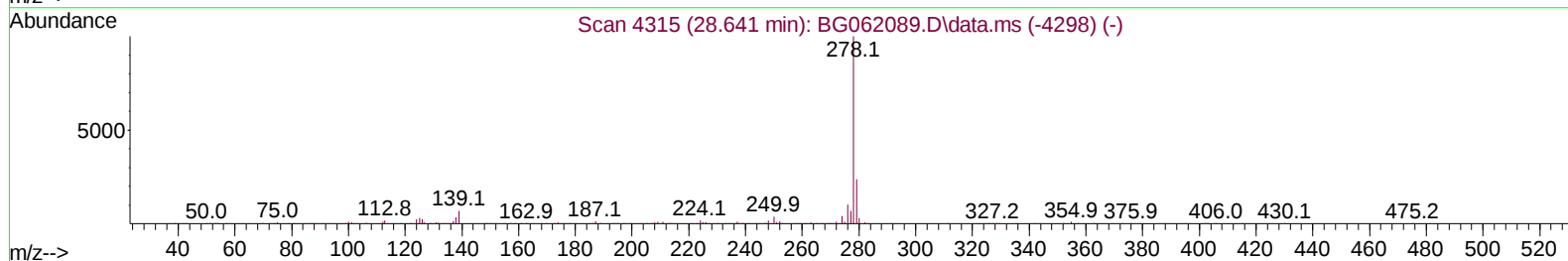
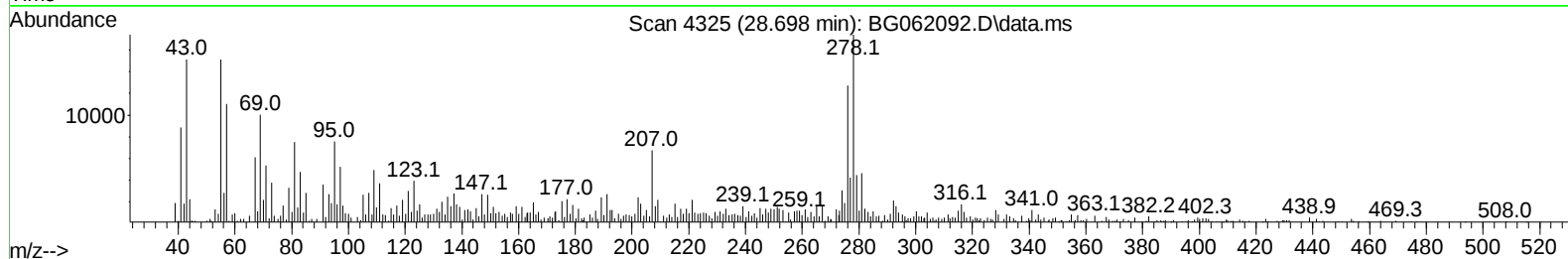
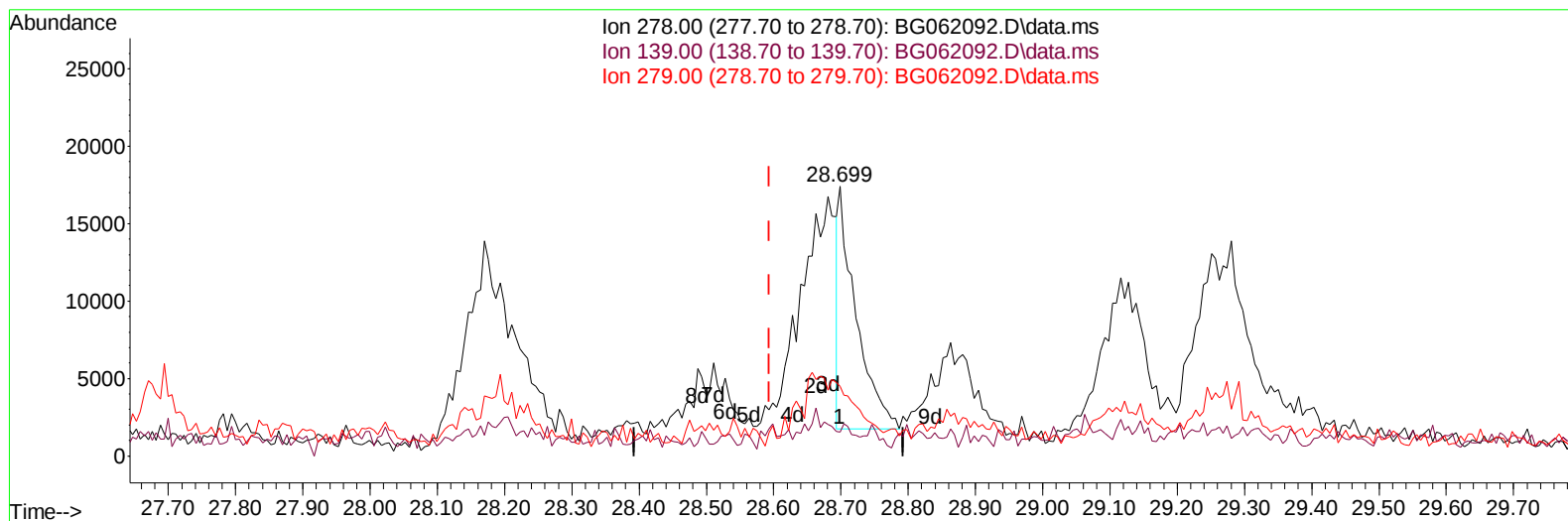
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062092.D
Acq On : 16 Jul 2024 13:31
Operator : MA/JU
Sample : P3177-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY2

Manual IntegrationsAPPROVED

Quant Time: Jul 16 14:05:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Jagrut Upadhyay 07/17/2024
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TIC: BG062092.D\data.ms

(95) Dibenzo(a,h)anthracene

28.698min (+ 0.105) 1.14 ng/u1

response 28454

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	8.95
279.00	23.50	25.87
0.00	0.00	0.00

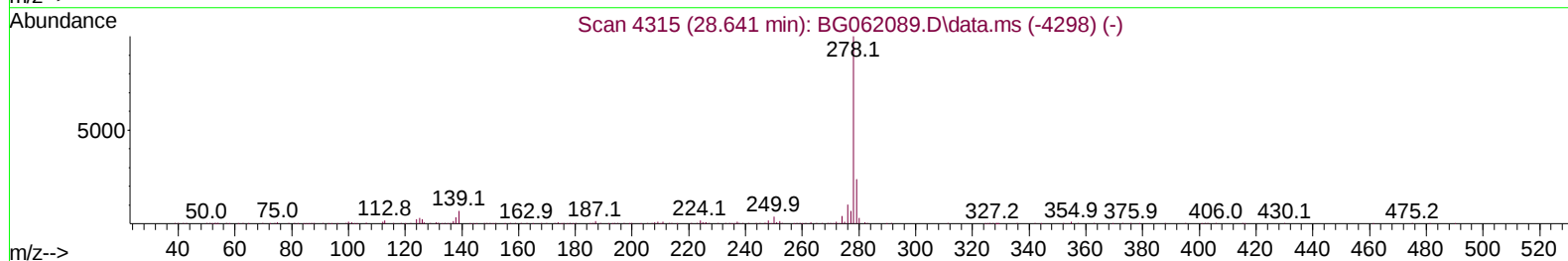
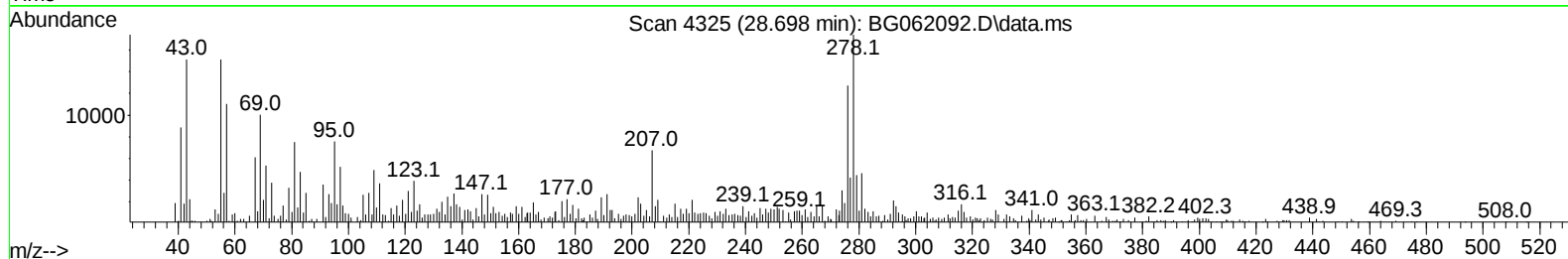
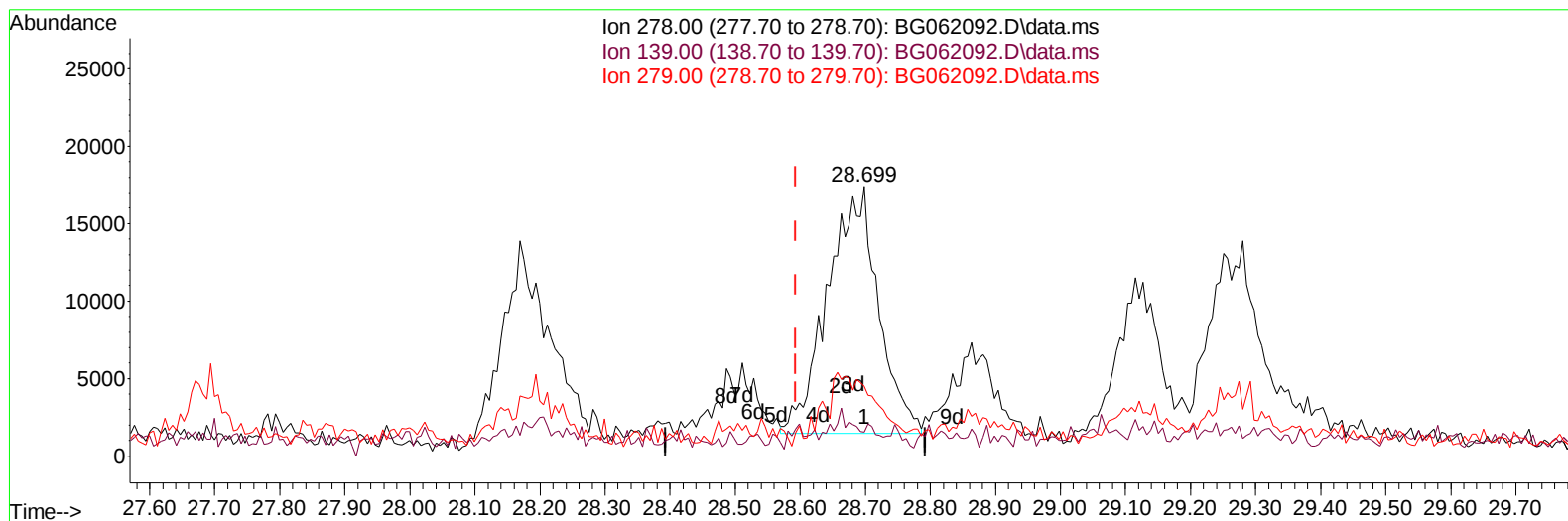
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062092.D
Acq On : 16 Jul 2024 13:31
Operator : MA/JU
Sample : P3177-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BY2

Manual IntegrationsAPPROVED

Quant Time: Jul 16 14:05:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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Supervised By :mohammad ahmed 07/18/2024



TIC: BG062092.D\data.ms

(95) Dibenzo(a,h)anthracene

28.698min (+ 0.105) 3.45 ng/ul m

response 86144

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	8.95
279.00	23.50	25.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062092.D
 Acq On : 16 Jul 2024 13:31
 Operator : MA/JU
 Sample : P3177-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BY2

Manual IntegrationsAPPROVED

Quant Time: Jul 17 02:17:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	50372	20.000	ng/ul	0.01
20) Naphthalene-d8	10.866	136	253227	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.686	164	168238	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.429	188	365456	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.695	240	319532	20.000	ng/ul	0.02
88) Perylene-d12	24.938	264	396171	20.000	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	2441	1.821	ng/uL	0.00
4) Pyridine-d5	3.875	84	1628	0.395	ng/ul	0.02
7) Phenol-d5	7.224	99	67147	12.181	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.371	67	40269	11.535	ng/ul	0.01
11) 2-Chlorophenol-d4	7.588	132	49836	13.180	ng/ul	0.02
15) 4-Methylphenol-d8	8.769	113	54678	12.598	ng/ul	0.02
21) Nitrobenzene-d5	9.215	128	27968	14.522	ng/ul	0.00
24) 2-Nitrophenol-d4	9.938	143	32286	14.680	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.490	165	62692	14.779	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.080	166	212010	15.328	ng/ul	0.00
49) Acenaphthylene-d8	14.380	160	229334	15.857	ng/ul	0.01
54) 4-Nitrophenol-d4	14.903	143	15819	7.162	ng/ul	0.03
60) Fluorene-d10	15.673	176	183434	15.754	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.790	200	27045	14.091	ng/ul	0.01
73) Anthracene-d10	17.529	188	267102	15.654	ng/ul	0.01
81) Pyrene-d10	19.809	212	194809	10.365	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.709	264	150763	7.673	ng/ul	0.05
Target Compounds						
					Qvalue	
72) Phenanthrene	17.470	178	288206	14.956	ng/ul	97
74) Anthracene	17.564	178	43053	2.162	ng/ul	95
77) Carbazole	17.835	167	29770	1.776	ng/ul#	96
80) Fluoranthene	19.480	202	782224	35.168	ng/ul#	93
82) Pyrene	19.844	202	386838	16.837	ng/ul#	90
83) Butylbenzylphthalate	20.714	149	12909	1.339	ng/ul#	77
85) Benzo(a)anthracene	21.677	228	338051	14.612	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.566	149	152570	11.027	ng/ul#	96
87) Chrysene	21.742	228	461954m	21.329	ng/ul	
90) Benzo(b)fluoranthene	23.904	252	732331	29.340	ng/ul	97
91) Benzo(k)fluoranthene	23.969	252	242331m	9.736	ng/ul	
93) Benzo(a)pyrene	24.780	252	156465	6.620	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.646	276	195938m	6.487	ng/ul	
95) Dibenzo(a,h)anthracene	28.698	278	86144m	3.453	ng/ul	

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

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Manual IntegrationsAPPROVED

Quant Time: Jul 17 02:17:37 2024
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