

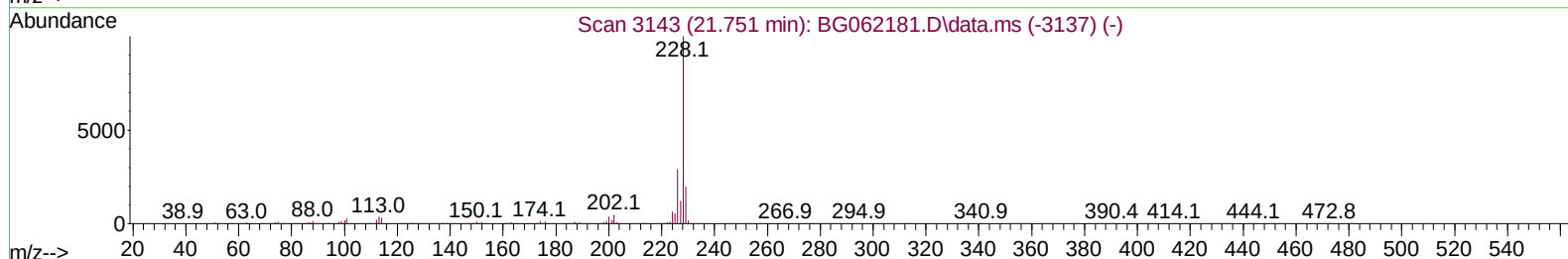
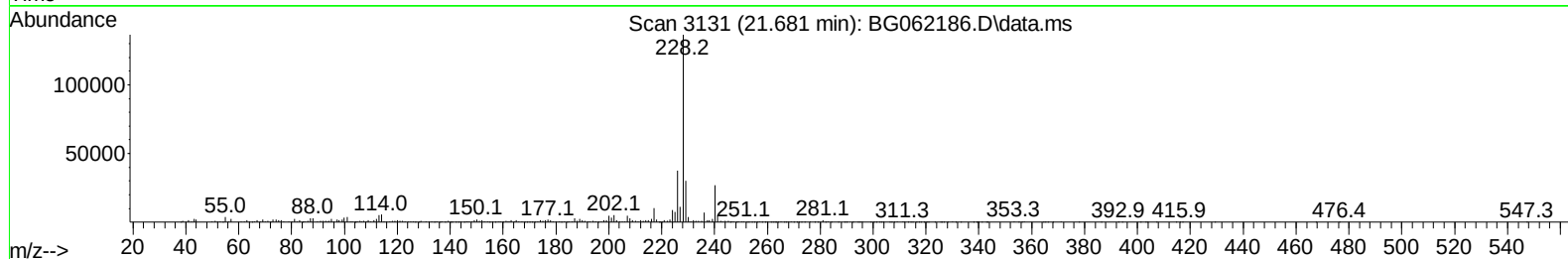
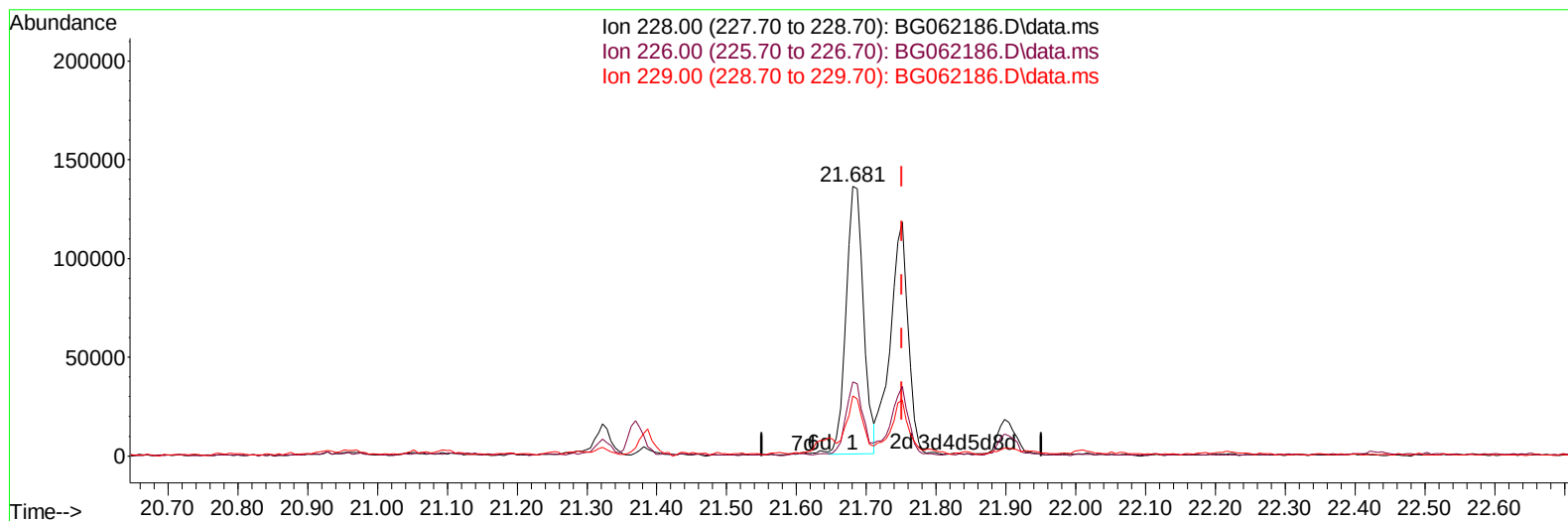
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062186.D
 Acq On : 23 Jul 2024 15:11
 Operator : MA/JU
 Sample : P3263-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BA7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 15:59:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062186.D\data.ms

(87) Chrysene

21.681min (-0.071) 9.49 ng/u1

response 232440

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	27.39
229.00	19.20	22.27
0.00	0.00	0.00

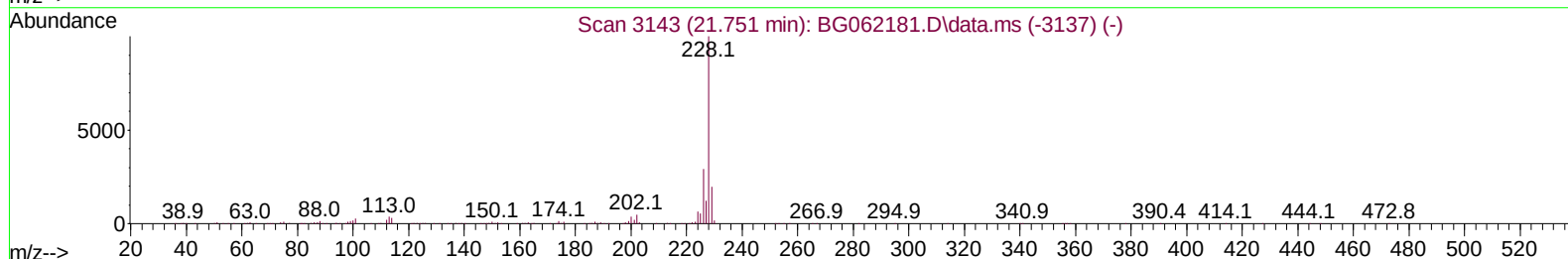
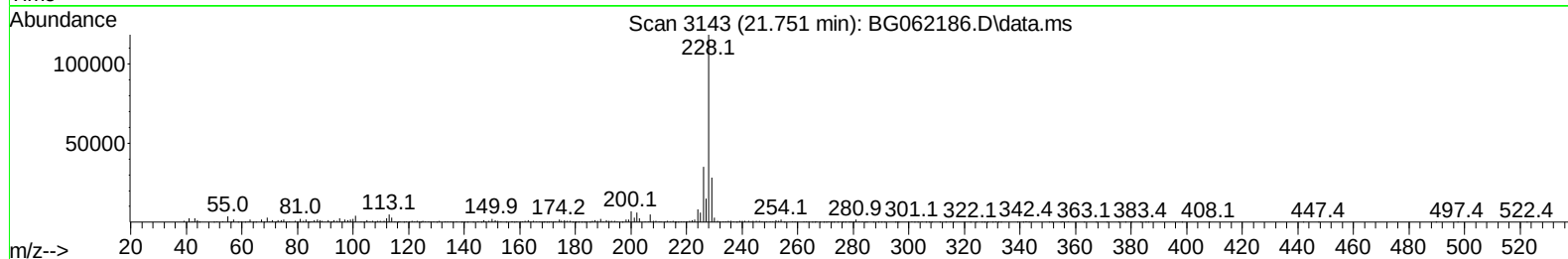
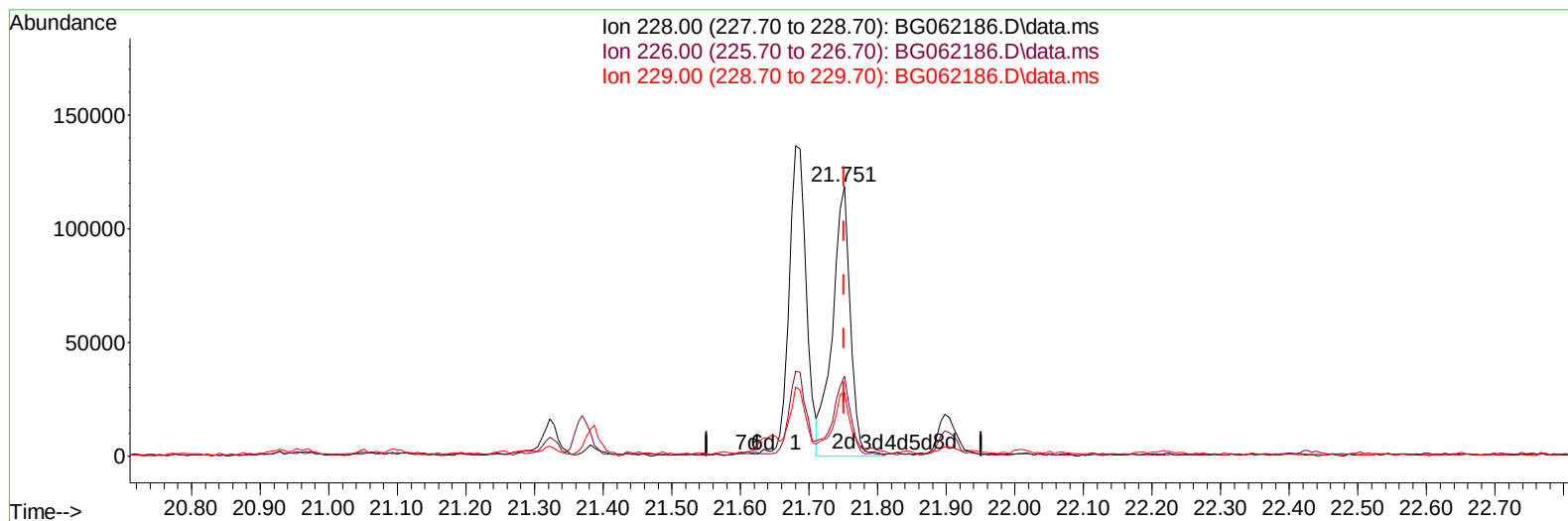
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062186.D
Acq On : 23 Jul 2024 15:11
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Misc :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/25/2024



TIC: BG062186.D\data.ms

(87) Chrysene

21.751min (-0.000) 8.80 ng/ul m

response 215557

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	29.71
229.00	19.20	23.79#
0.00	0.00	0.00

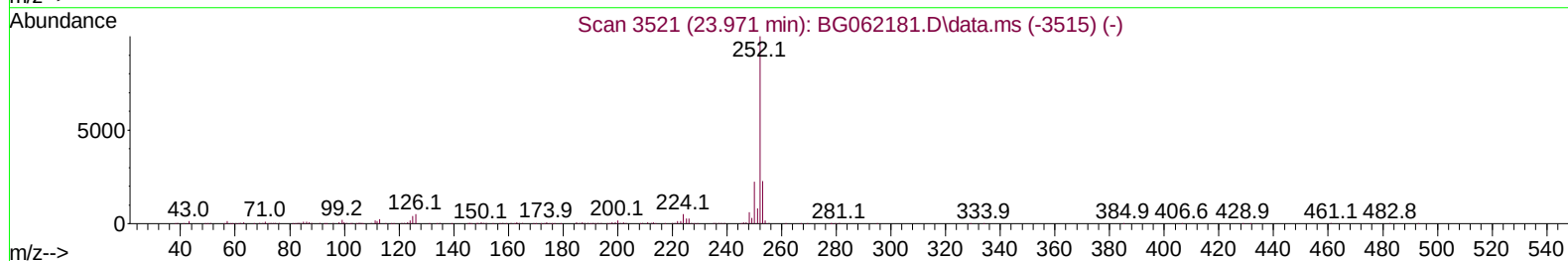
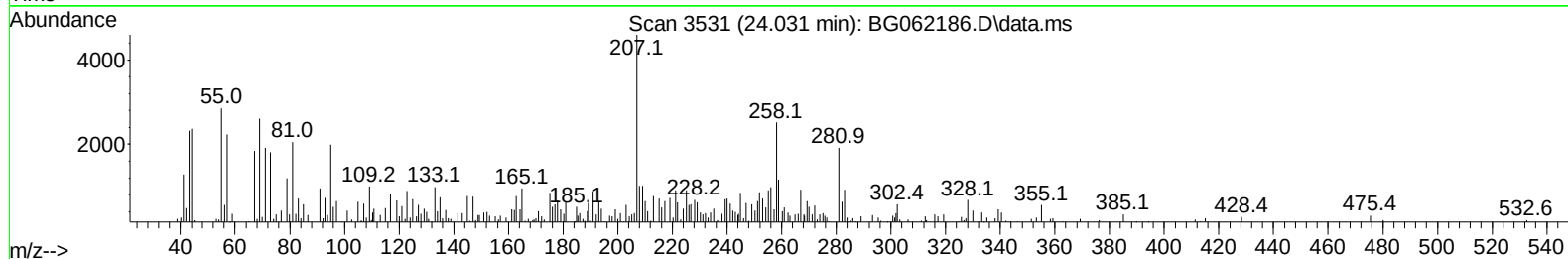
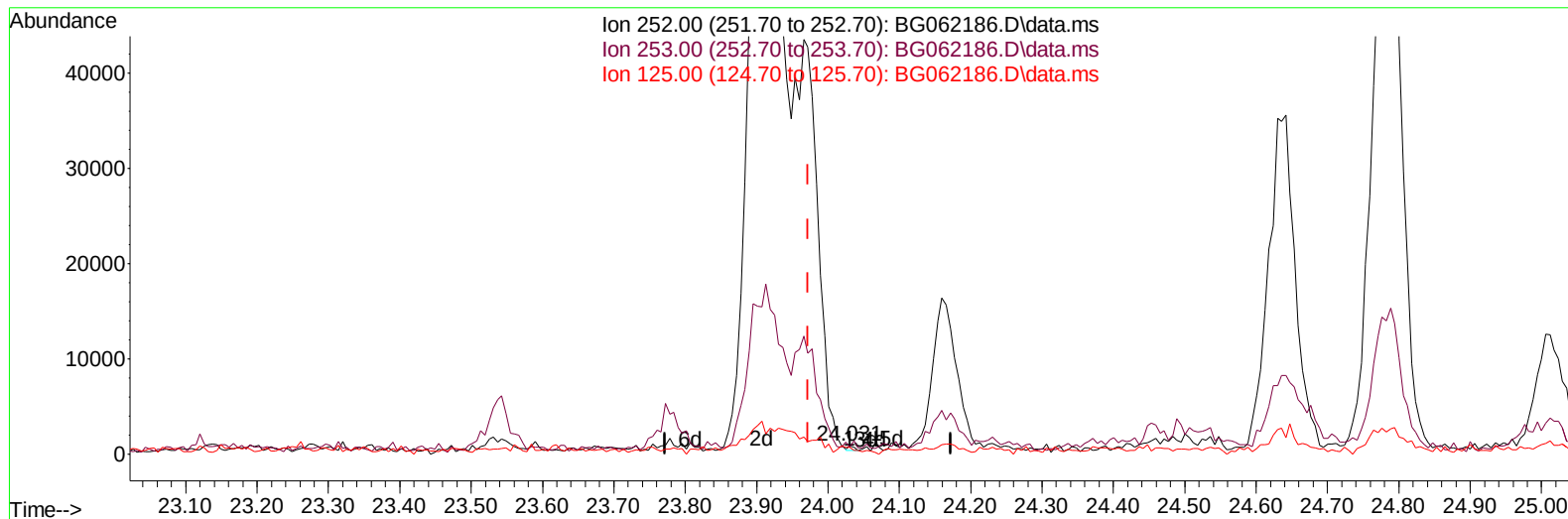
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062186.D
Acq On : 23 Jul 2024 15:11
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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TIC: BG062186.D\data.ms

(91) Benzo(k)fluoranthene

24.031min (+ 0.059) 0.01 ng/u1

response 296

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	83.29#
125.00	3.40	81.31#
0.00	0.00	0.00

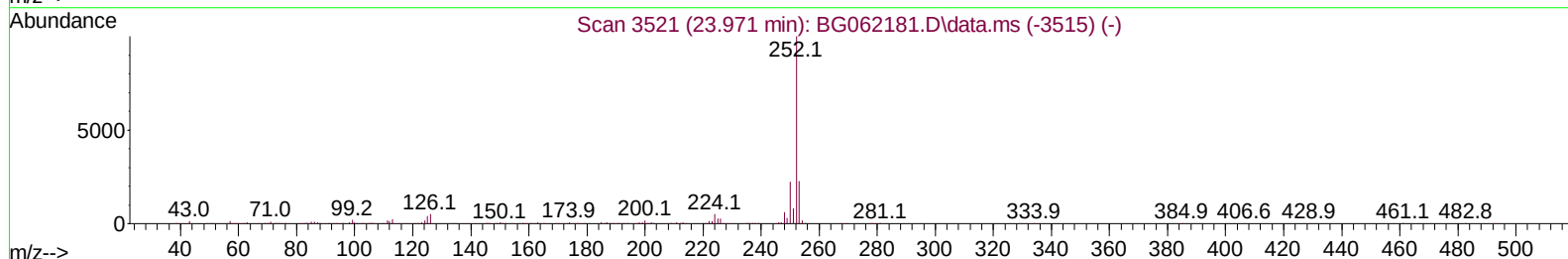
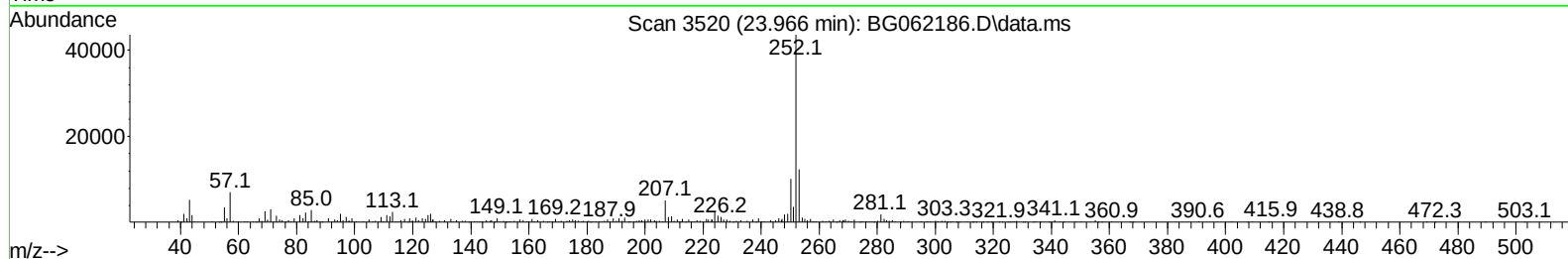
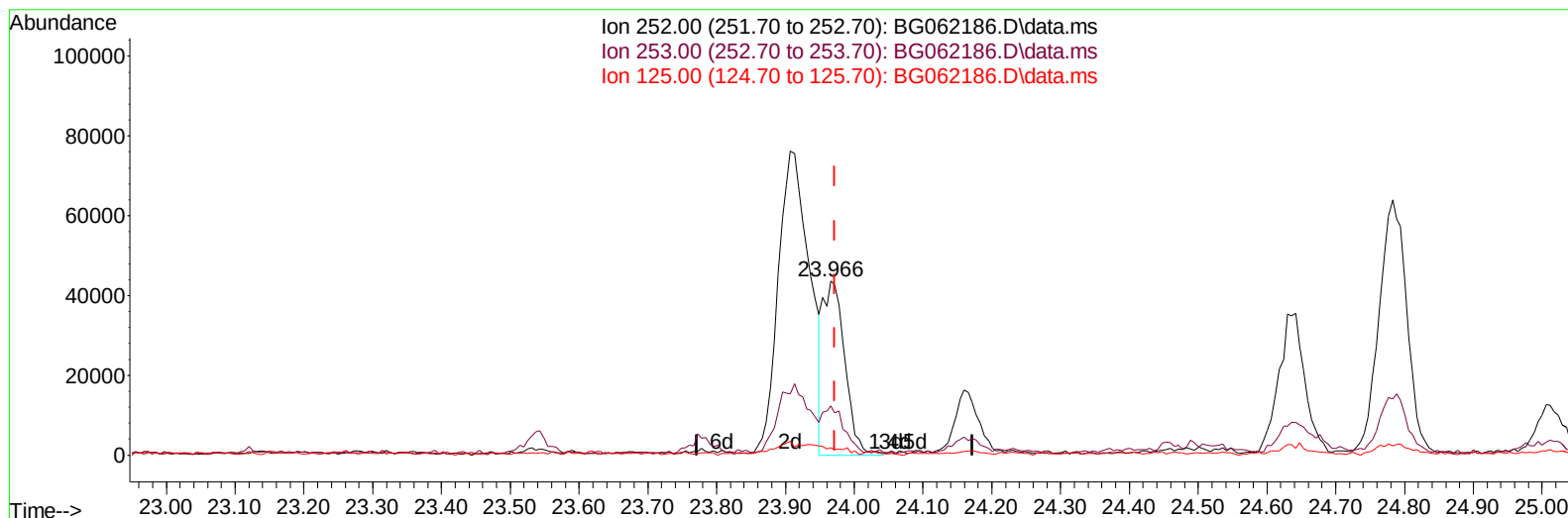
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062186.D
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 Sample : P3263-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062186.D\data.ms

(91) Benzo(k)fluoranthene

23.966min (-0.006) 3.81 ng/uI m

response 96612

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	28.37#
125.00	3.40	4.08
0.00	0.00	0.00

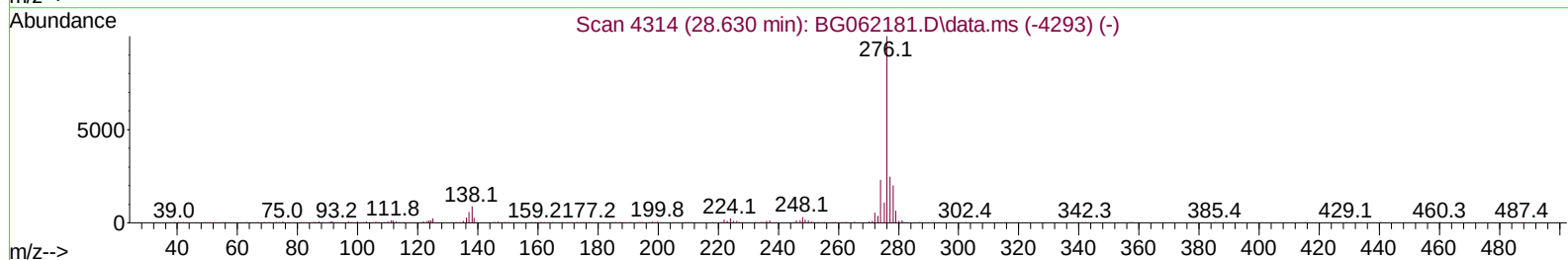
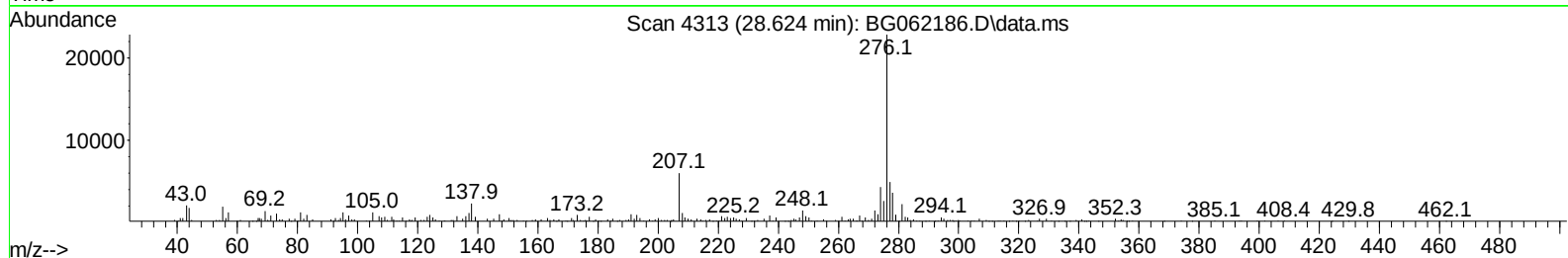
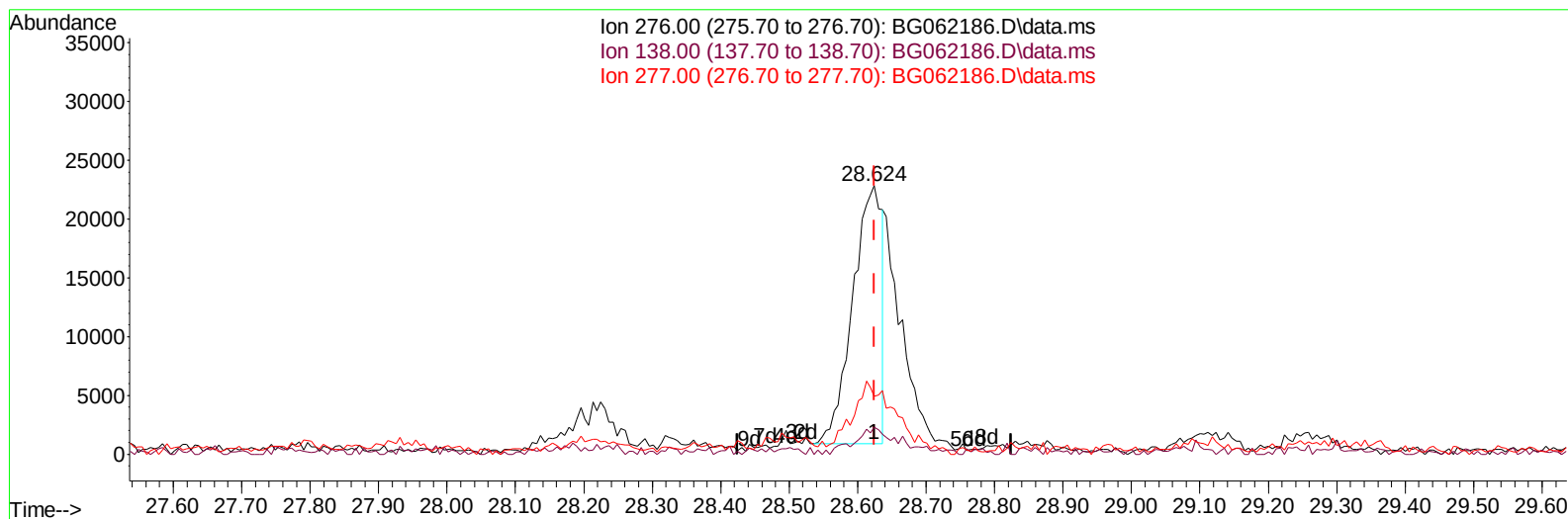
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Sample : P3263-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4BA7

Manual IntegrationsAPPROVED

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TIC: BG062186.D\data.ms

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

28.624min (-0.000) 2.38 ng/u1

response 65023

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	10.13#
277.00	21.80	21.51
0.00	0.00	0.00

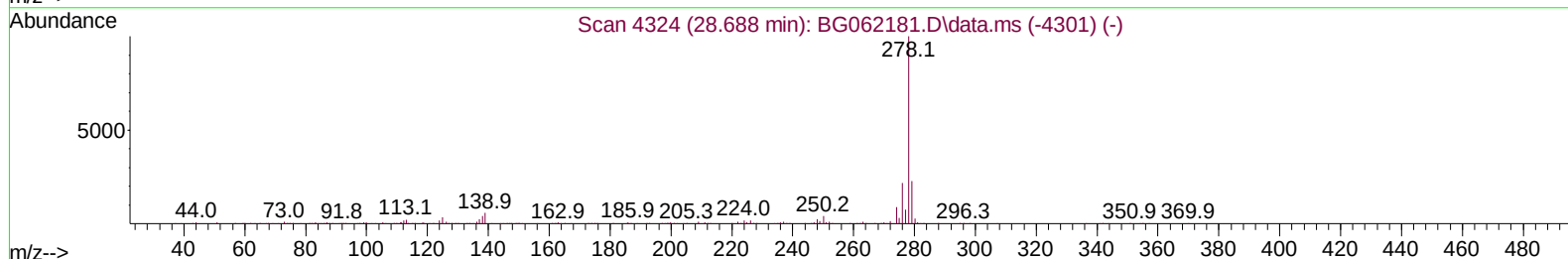
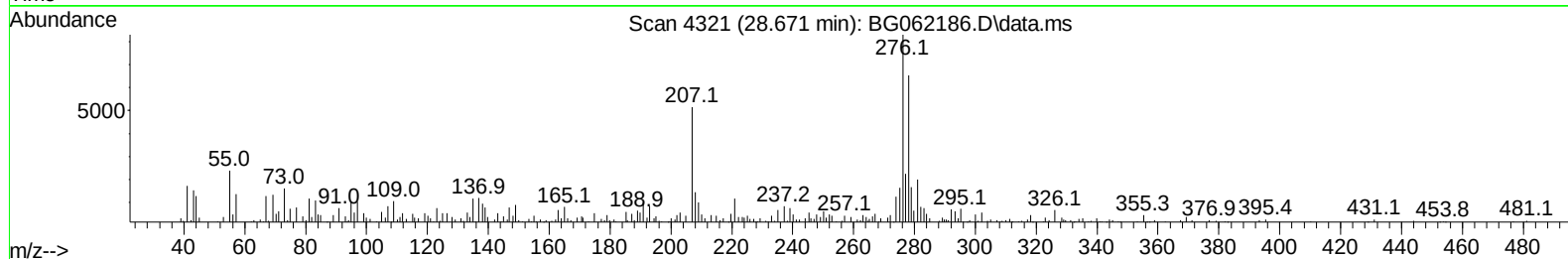
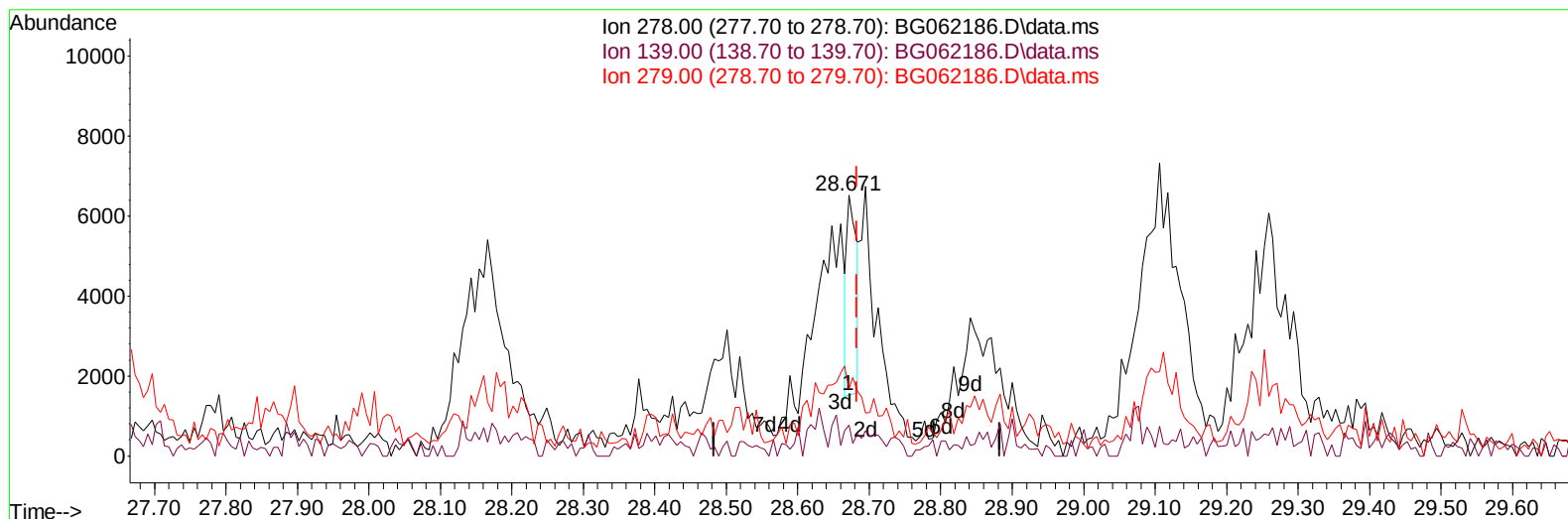
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062186.D
Acq On : 23 Jul 2024 15:11
Operator : MA/JU
Sample : P3263-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BA7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 16:01:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062186.D\data.ms

(95) Dibenzo(a,h)anthracene

28.671min (-0.012) 0.20 ng/u1

response 4627

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	11.87#
279.00	23.60	25.60
0.00	0.00	0.00

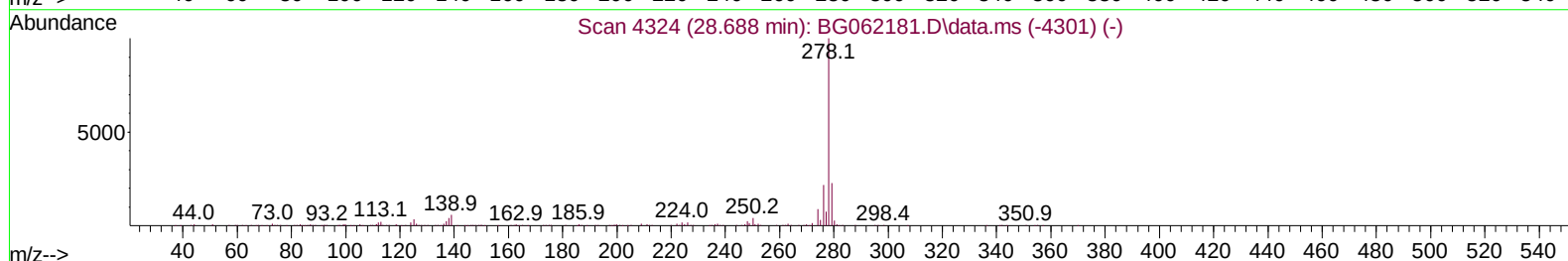
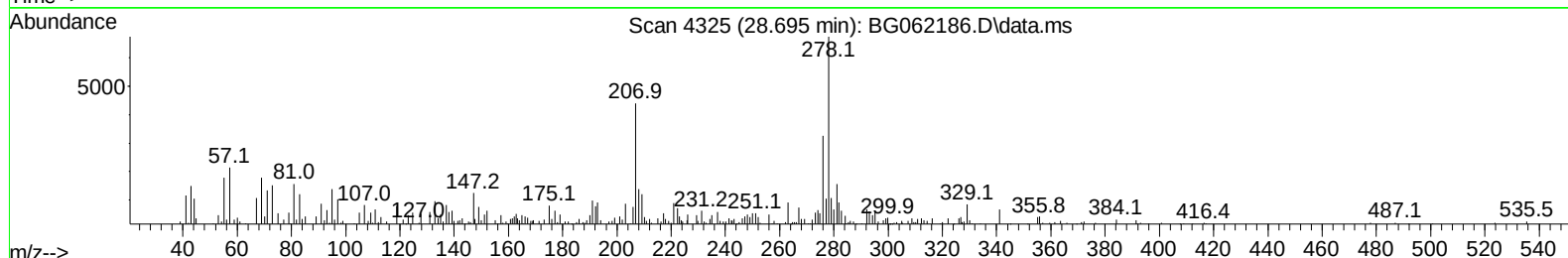
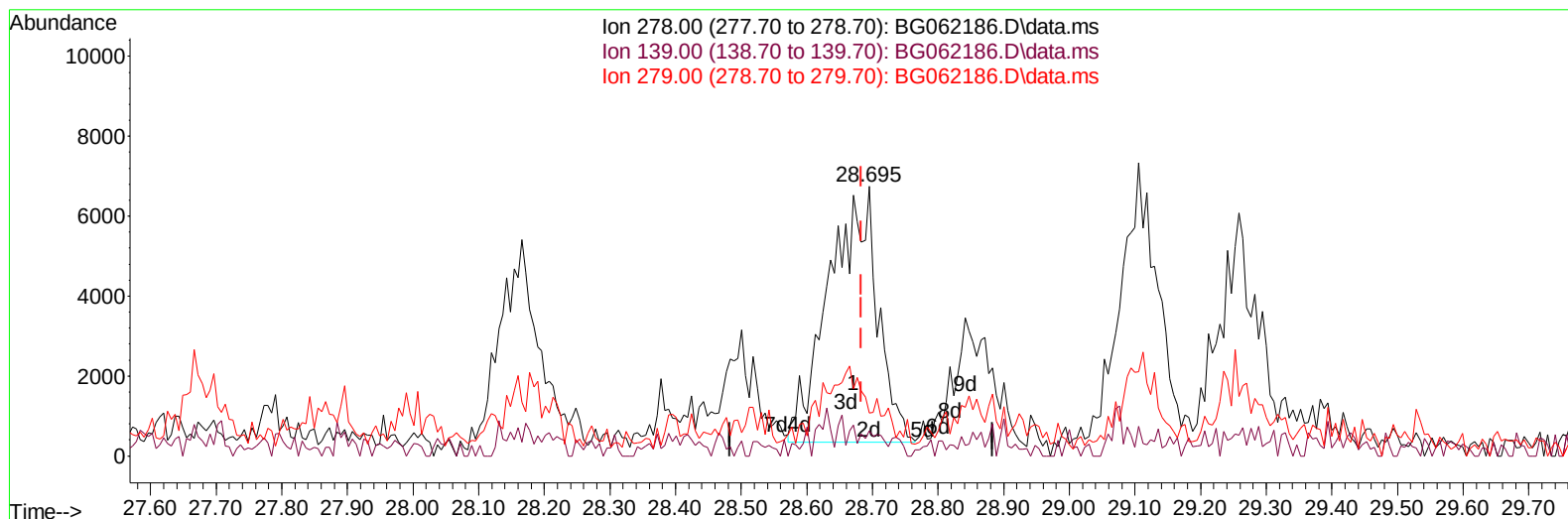
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062186.D
 Acq On : 23 Jul 2024 15:11
 Operator : MA/JU
 Sample : P3263-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BA7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 16:01:35 2024
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TIC: BG062186.D\data.ms

(95) Dibenzo(a,h)anthracene

28.695min (+ 0.012) 1.45 ng/ul m

response 32838

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	9.30#
279.00	23.60	15.84#
0.00	0.00	0.00

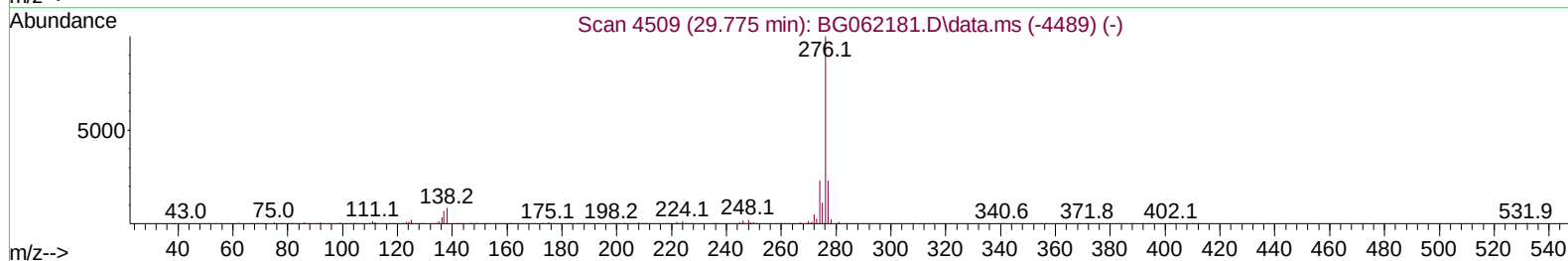
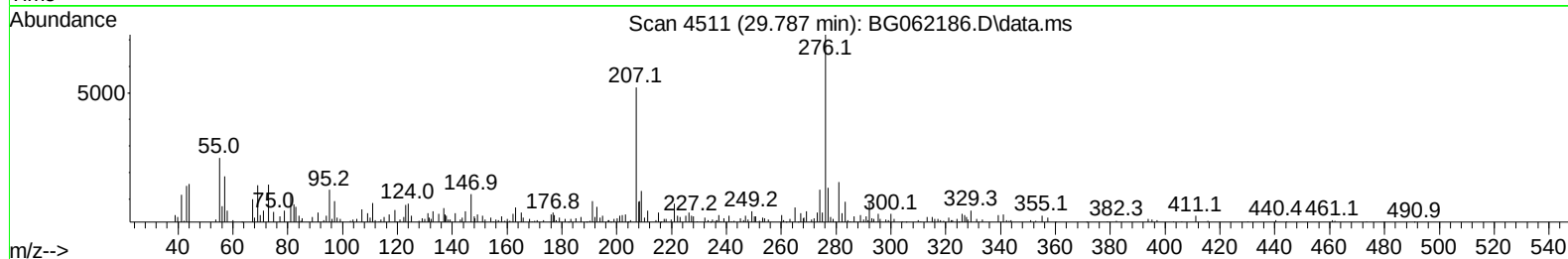
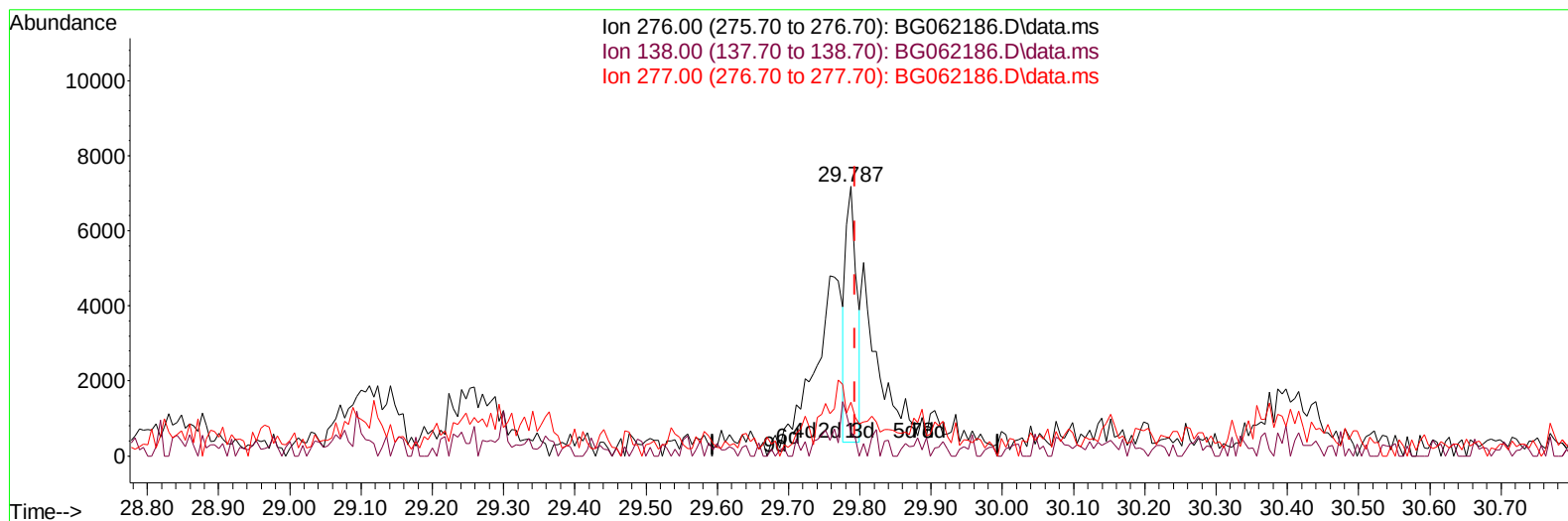
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062186.D
Acq On : 23 Jul 2024 15:11
Operator : MA/JU
Sample : P3263-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BA7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 16:01:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062186.D\data.ms

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

29.787min (-0.006) 0.33 ng/u1

response 7291

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.80	8.83
277.00	22.40	19.92
0.00	0.00	0.00

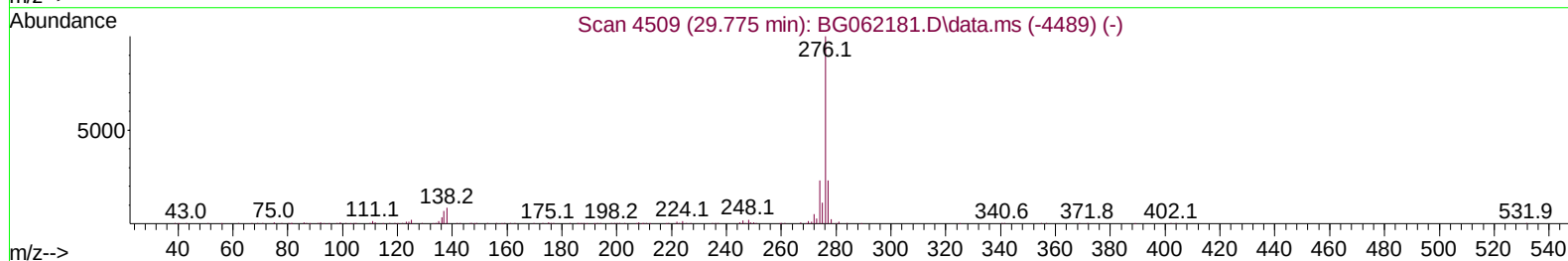
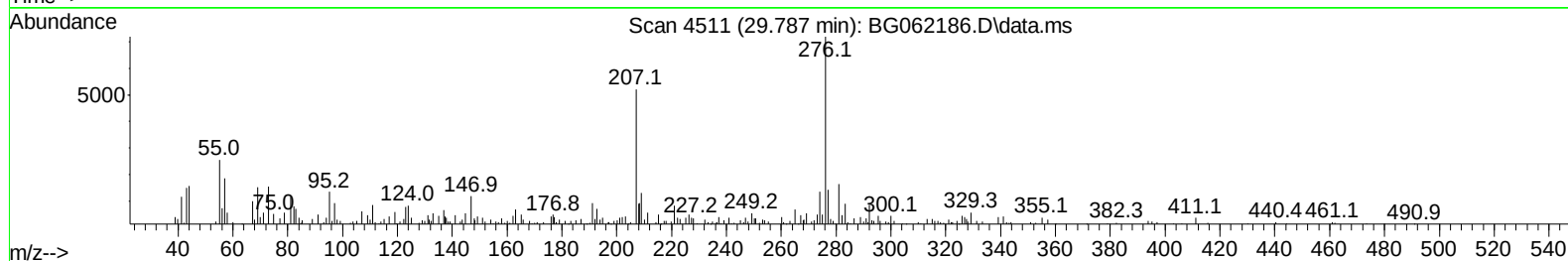
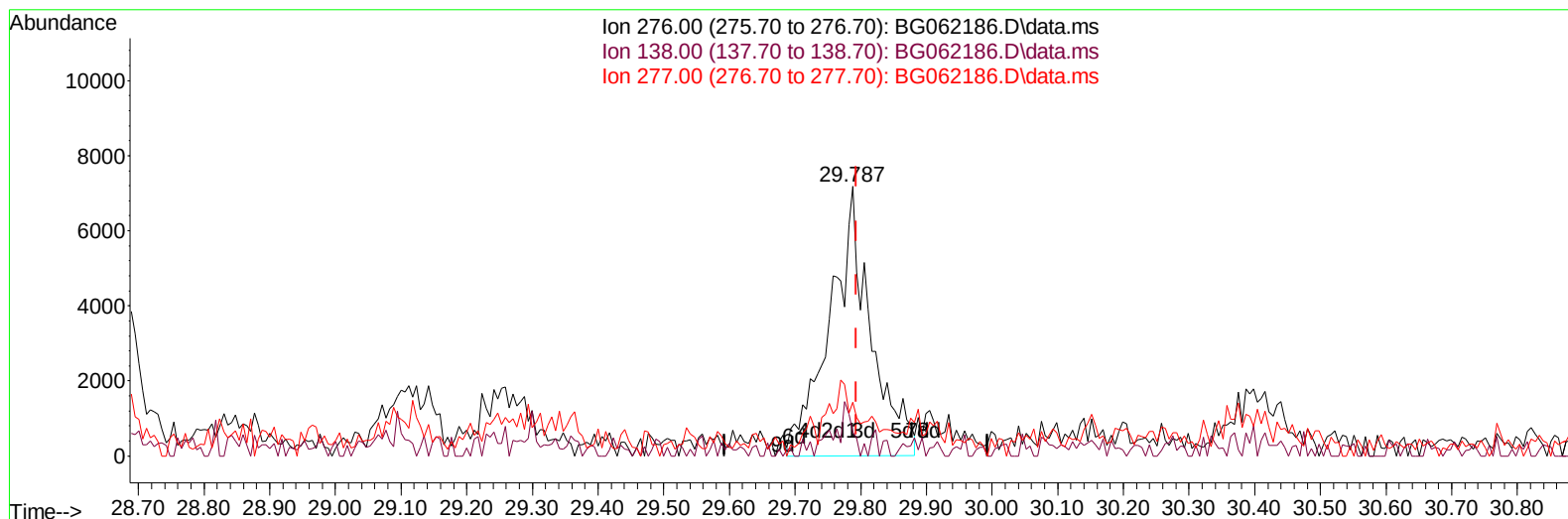
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Acq On : 23 Jul 2024 15:11
Operator : MA/JU
Sample : P3263-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BA7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 16:01:35 2024
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TIC: BG062186.D\data.ms

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

29.787min (-0.006) 1.41 ng/u1 m

response 30805

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.80	5.49#
277.00	22.40	19.92
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P3263-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BA7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 16:03:01 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152		43918	20.000	ng/ul	0.00
20) Naphthalene-d8	10.878	136		180865	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164		157238	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188		400622	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240		379687	20.000	ng/ul	0.00
88) Perylene-d12	24.935	264		411513	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.464	96		3066	3.259	ng/uL	0.00
4) Pyridine-d5	3.887	84		21616	6.325	ng/ul	0.01
7) Phenol-d5	7.236	99		74789	17.298	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67		40711	16.388	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132		47140	17.300	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113		60461	18.361	ng/ul	0.00
21) Nitrobenzene-d5	9.233	128		25639	17.793	ng/ul	0.00
24) 2-Nitrophenol-d4	9.956	143		31648	18.248	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.508	165		70578	19.439	ng/ul	0.00
31) 4-Chloroaniline-d4	11.019	131		63702	14.585	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166		248611	18.654	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160		270244	19.997	ng/ul	0.00
54) 4-Nitrophenol-d4	14.919	143		26364	16.415	ng/ul	0.00
60) Fluorene-d10	15.689	176		226205	19.934	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200		37388	14.685	ng/ul	0.00
73) Anthracene-d10	17.539	188		388871	20.779	ng/ul	0.00
81) Pyrene-d10	19.819	212		407485	18.928	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.712	264		301869	14.674	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.925	128		24283	2.489	ng/ul#	93
36) 2-Methylnaphthalene	12.528	142		9164	1.244	ng/ul	84
52) Acenaphthene	14.761	153		30092	3.077	ng/ul	92
56) Dibenzofuran	15.090	168		23512	1.597	ng/ul#	81
61) Fluorene	15.742	166		36276	2.873	ng/ul	97
72) Phenanthrene	17.486	178		354114	18.368	ng/ul	95
74) Anthracene	17.575	178		87512	4.409	ng/ul	96
77) Carbazole	17.845	167		40501	2.400	ng/ul	94
80) Fluoranthene	19.490	202		487600	19.744	ng/ul	99
82) Pyrene	19.848	202		411899	16.041	ng/ul	98
85) Benzo(a)anthracene	21.681	228		233798	8.773	ng/ul	96
87) Chrysene	21.751	228		215557m	8.798	ng/ul	
90) Benzo(b)fluoranthene	23.907	252		238503	9.381	ng/ul	98
91) Benzo(k)fluoranthene	23.966	252		96612m	3.807	ng/ul	
93) Benzo(a)pyrene	24.782	252		176149	7.398	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.624	276		106759m	3.903	ng/ul	
95) Dibenzo(a,h)anthracene	28.695	278		32838m	1.448	ng/ul	
96) Benzo(g,h,i)perylene	29.787	276		30805m	1.407	ng/ul	

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

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Manual IntegrationsAPPROVED

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