

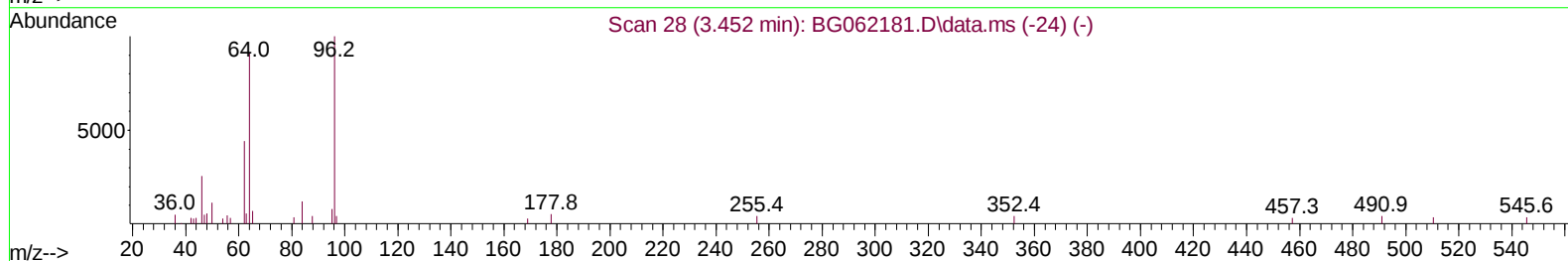
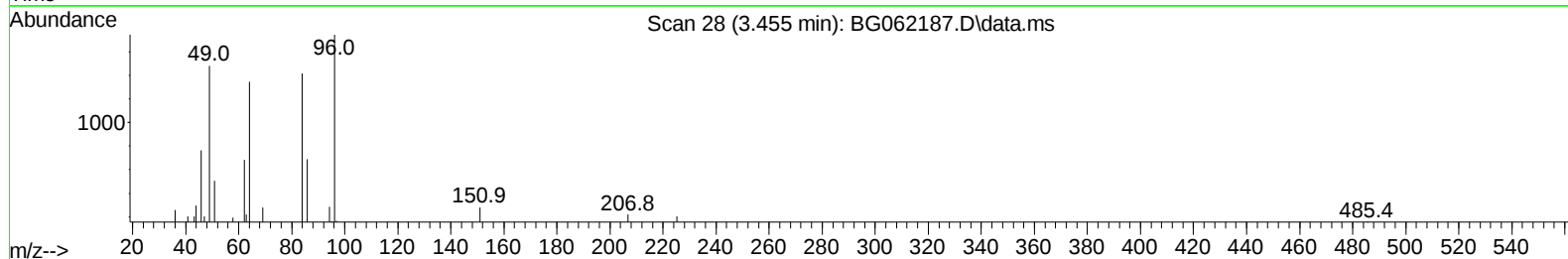
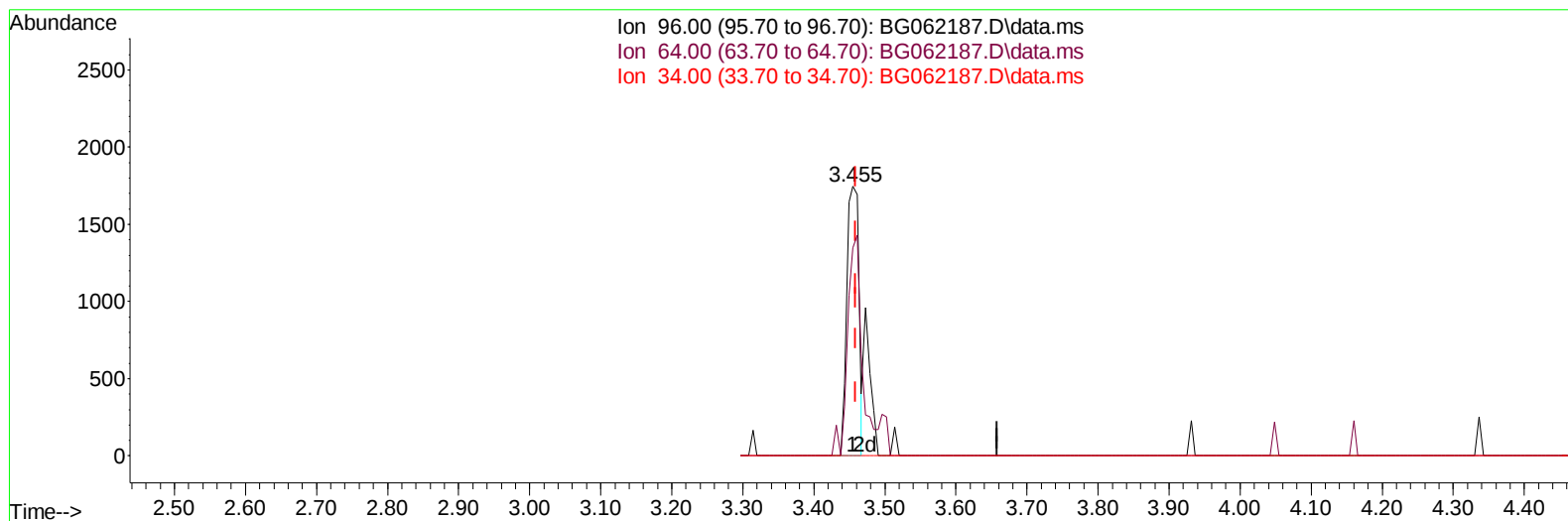
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062187.D
Acq On : 23 Jul 2024 15:52
Operator : MA/JU
Sample : P3263-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BB0

Manual IntegrationsAPPROVED

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

Quant Time: Jul 23 16:41:29 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



TIC: BG062187.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.455min (-0.003) 2.28 ng/uL

response 2098

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	77.19
34.00	0.00	0.00
0.00	0.00	0.00

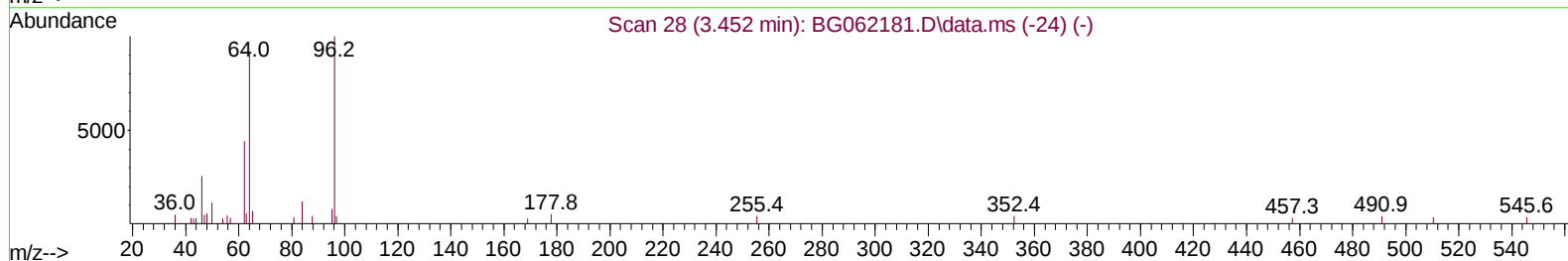
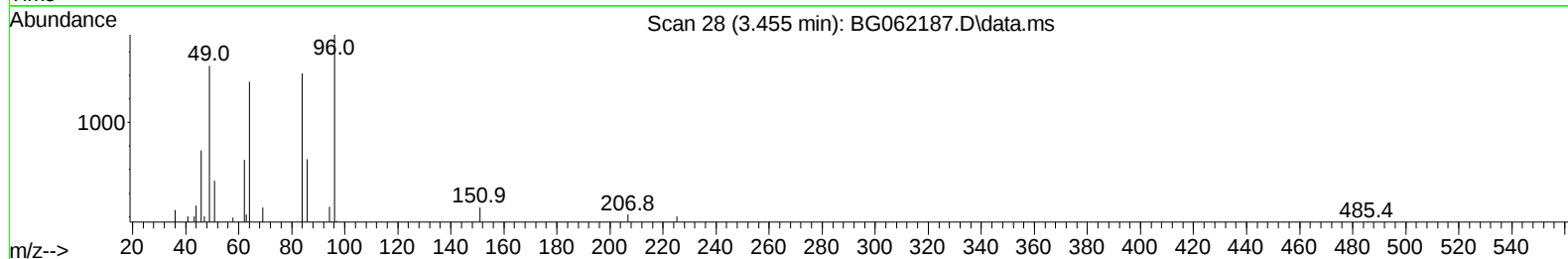
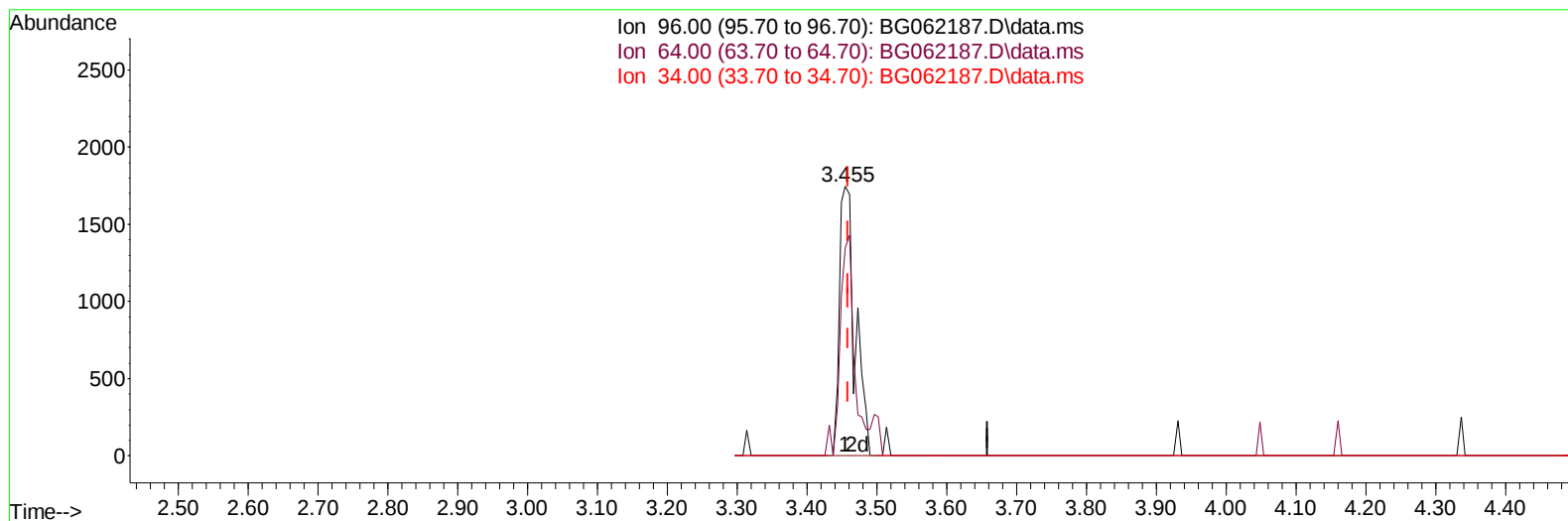
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 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062187.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.455min (-0.003) 2.96 ng/uL m

response 2727

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	77.19
34.00	0.00	0.00
0.00	0.00	0.00

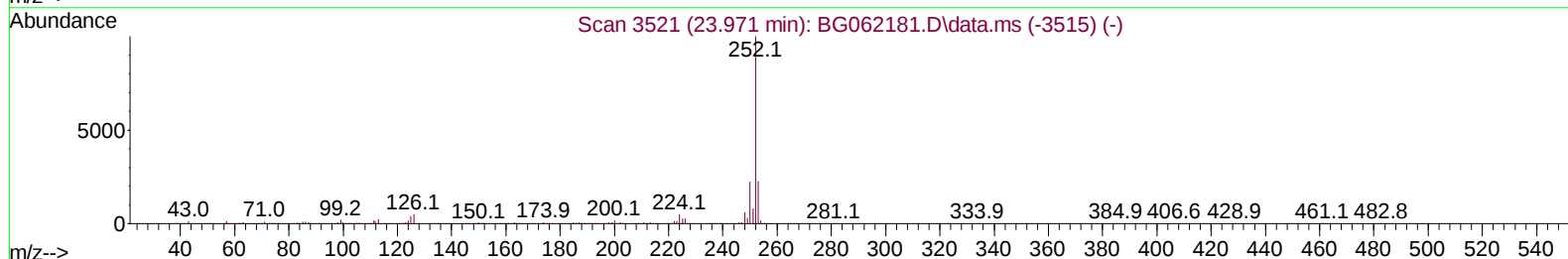
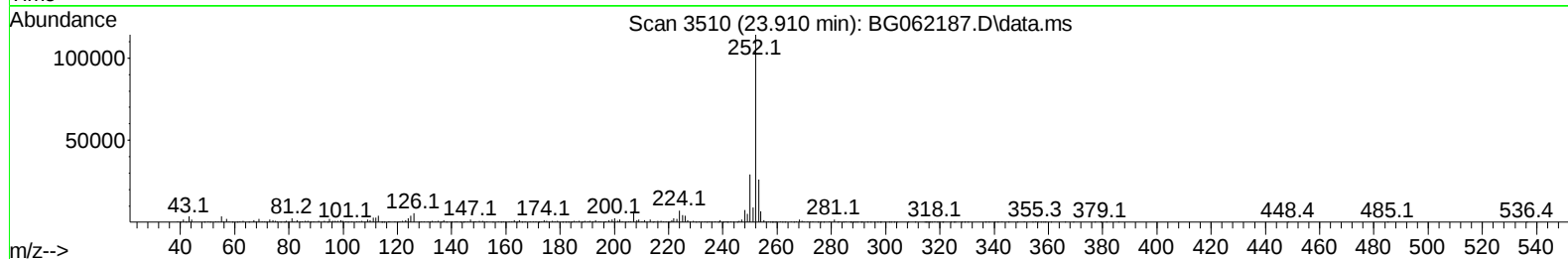
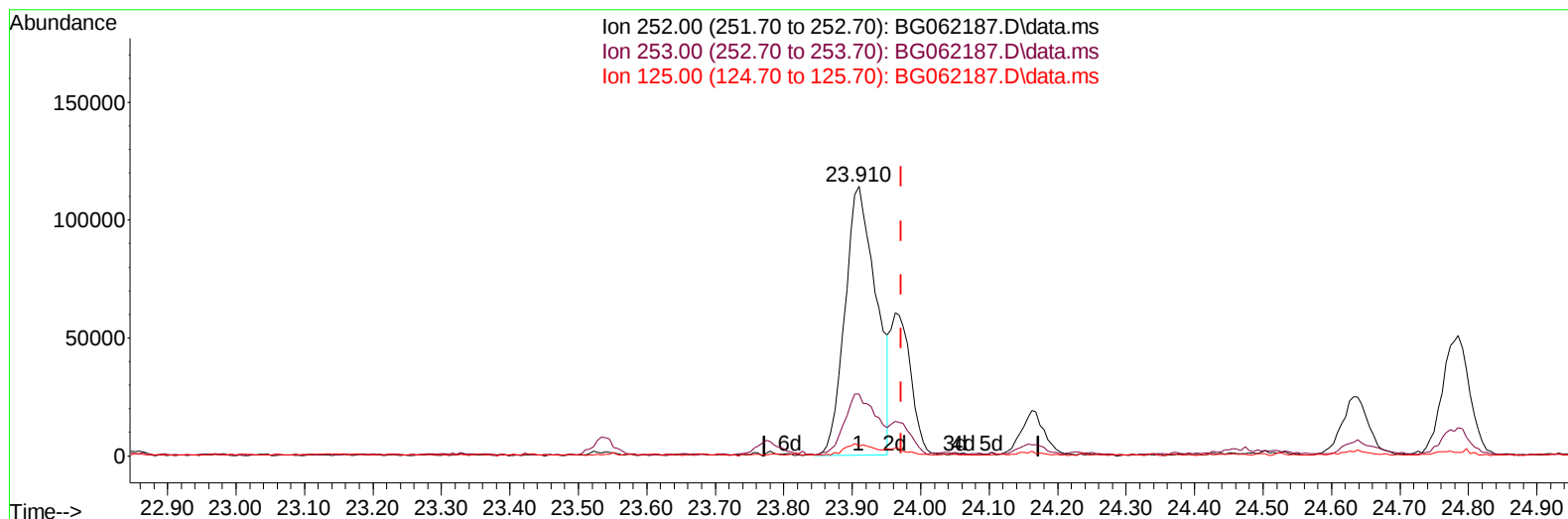
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TIC: BG062187.D\data.ms

(91) Benzo(k)fluoranthene

23.910min (-0.062) 14.48 ng/u1

response 360868

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	22.91
125.00	3.40	3.64
0.00	0.00	0.00

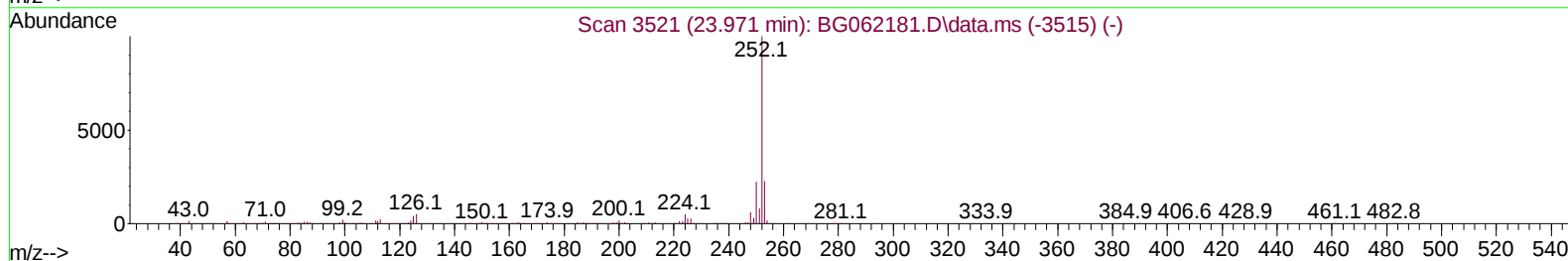
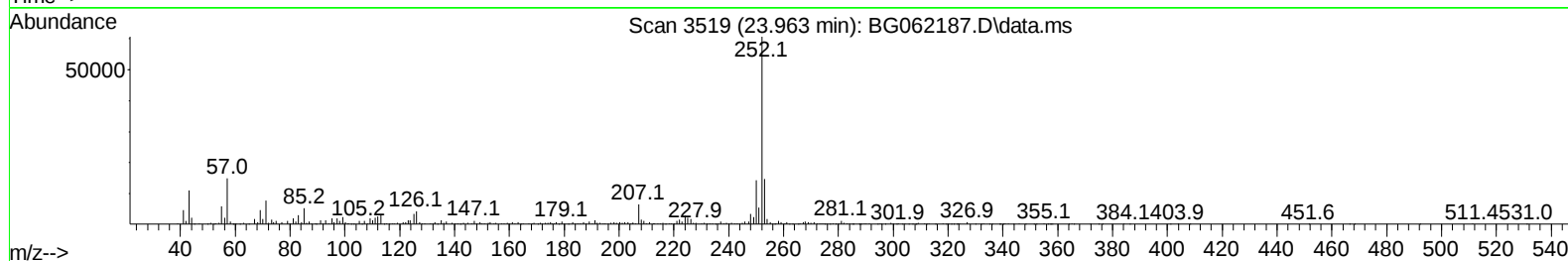
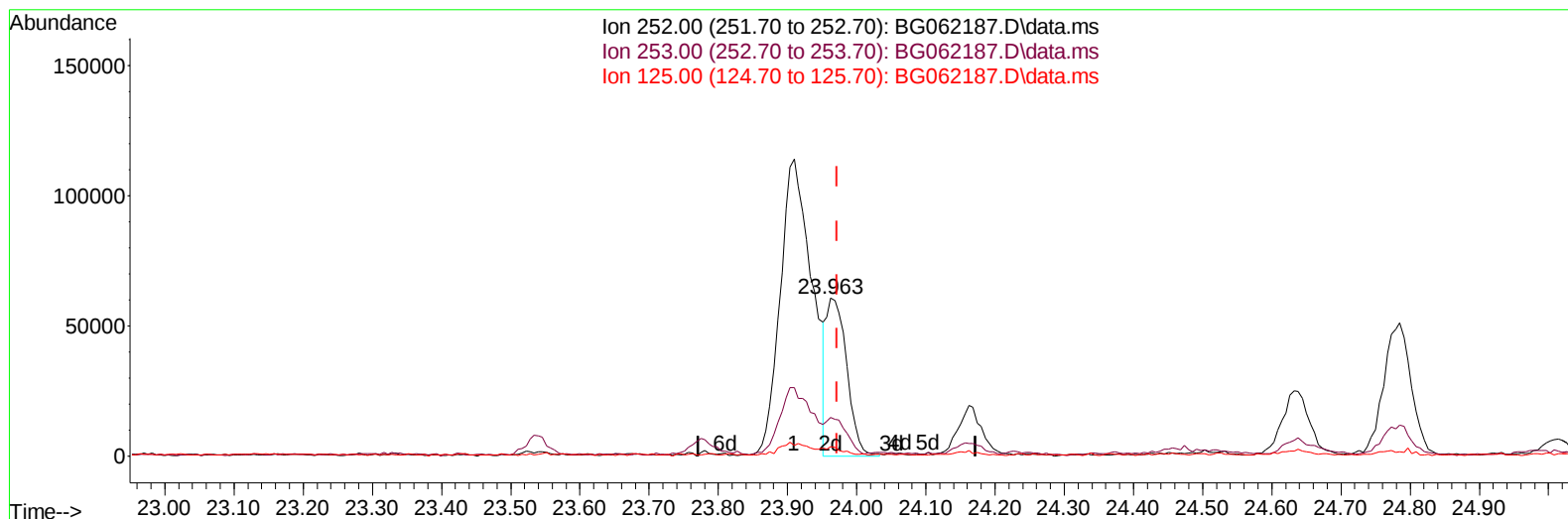
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Instrument :
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Supervised By :mohammad ahmed 07/25/2024



TIC: BG062187.D\data.ms

(91) Benzo(k)fluoranthene

23.963min (-0.009) 5.03 ng/u1 m

response 125243

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	24.40
125.00	3.40	5.71#
0.00	0.00	0.00

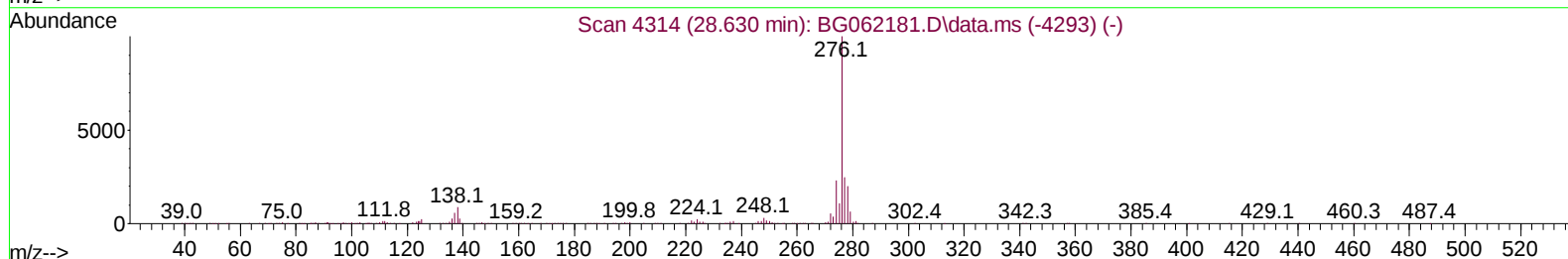
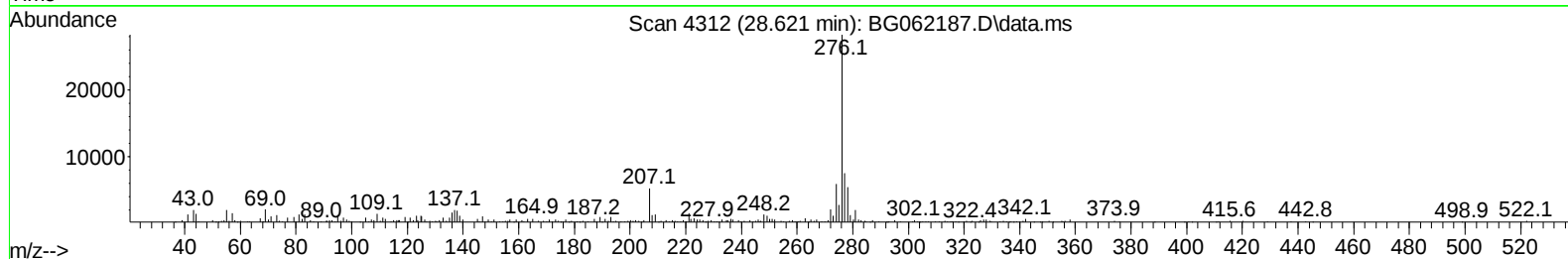
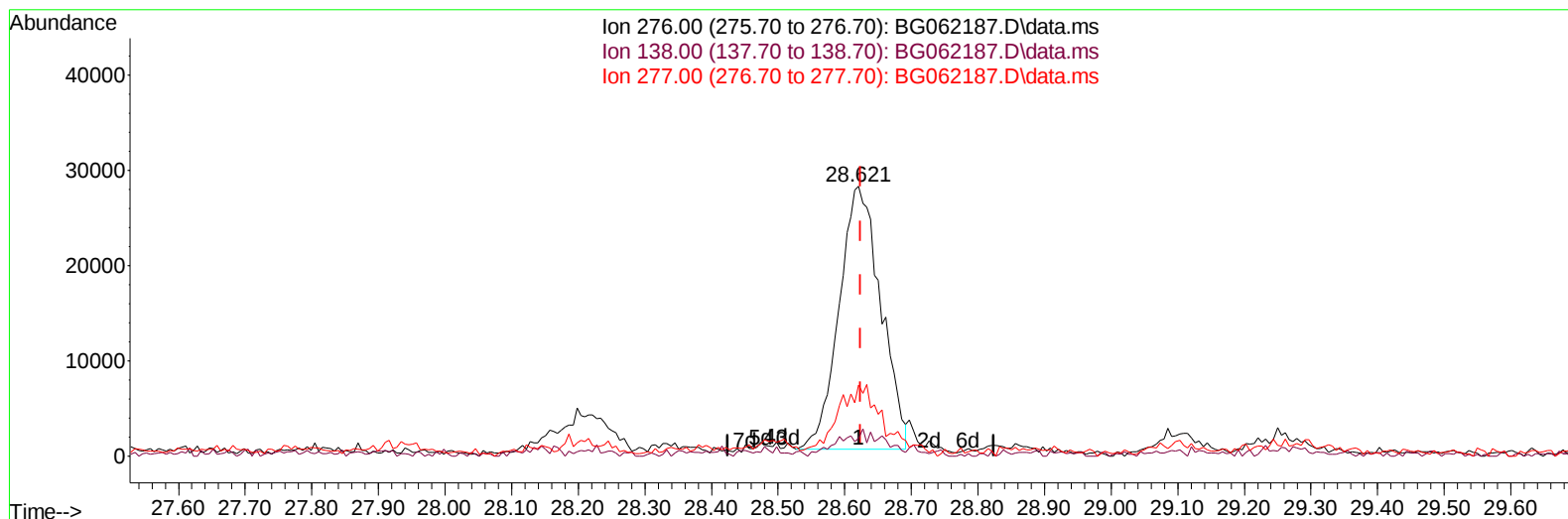
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062187.D
 Acq On : 23 Jul 2024 15:52
 Operator : MA/JU
 Sample : P3263-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062187.D\data.ms

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

28.621min (-0.003) 4.47 ng/u1

response 120088

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	6.60
277.00	21.80	26.38#
0.00	0.00	0.00

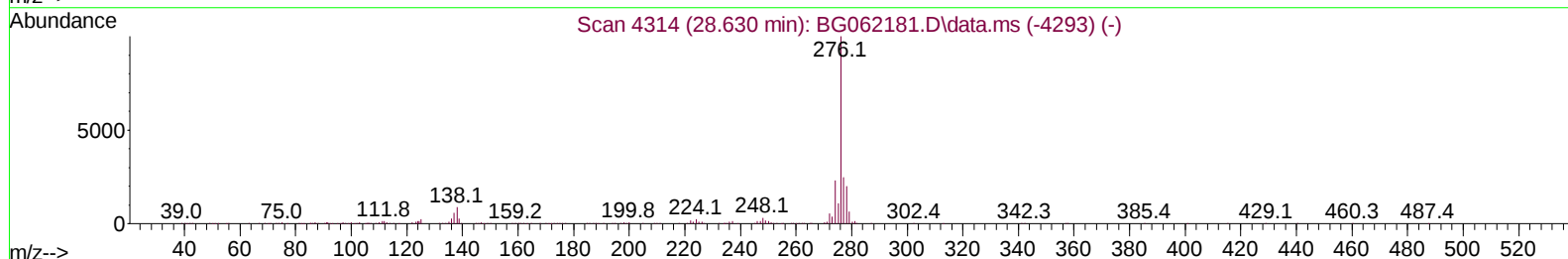
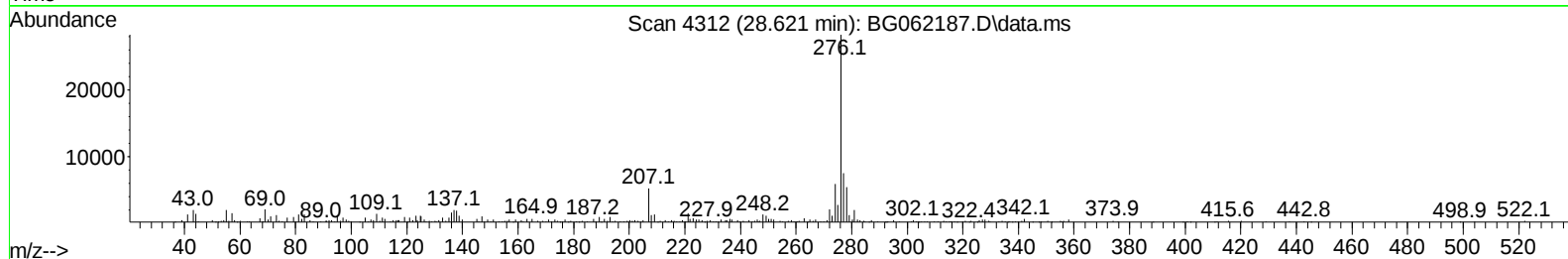
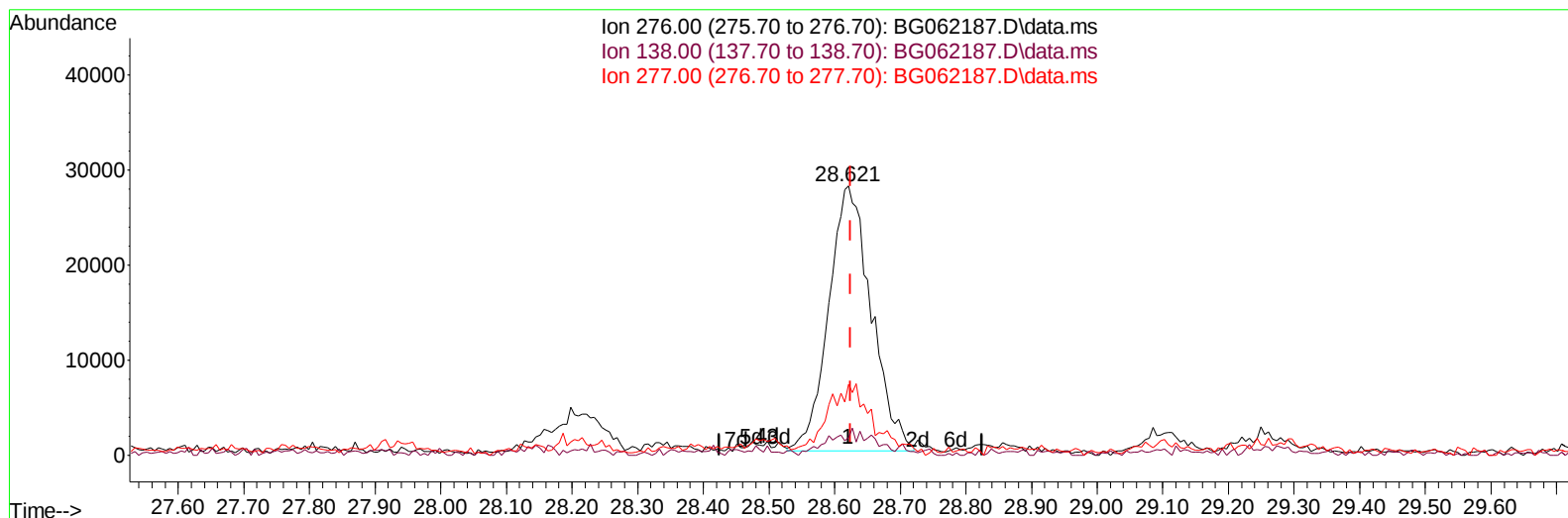
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062187.D
Acq On : 23 Jul 2024 15:52
Operator : MA/JU
Sample : P3263-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BB0

Manual IntegrationsAPPROVED

Quant Time: Jul 23 16:41:29 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: BG062187.D\data.ms

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

28.621min (-0.003) 4.66 ng/u1 m

response 125254

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	6.60
277.00	21.80	26.38#
0.00	0.00	0.00

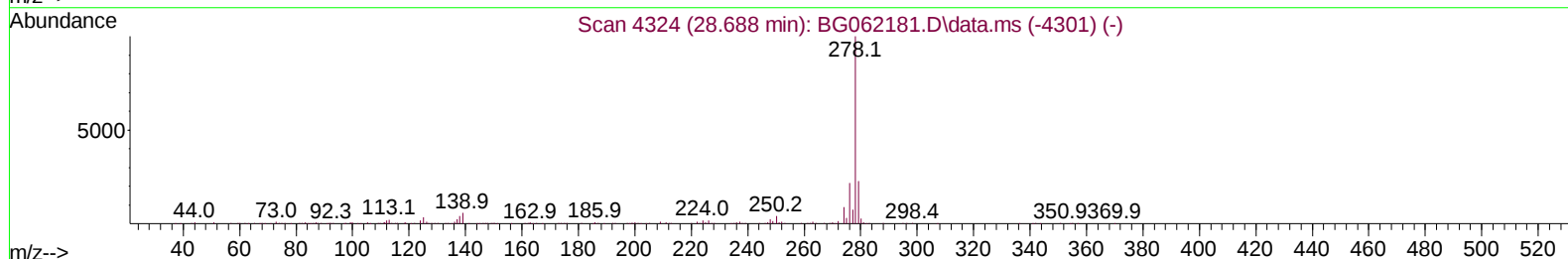
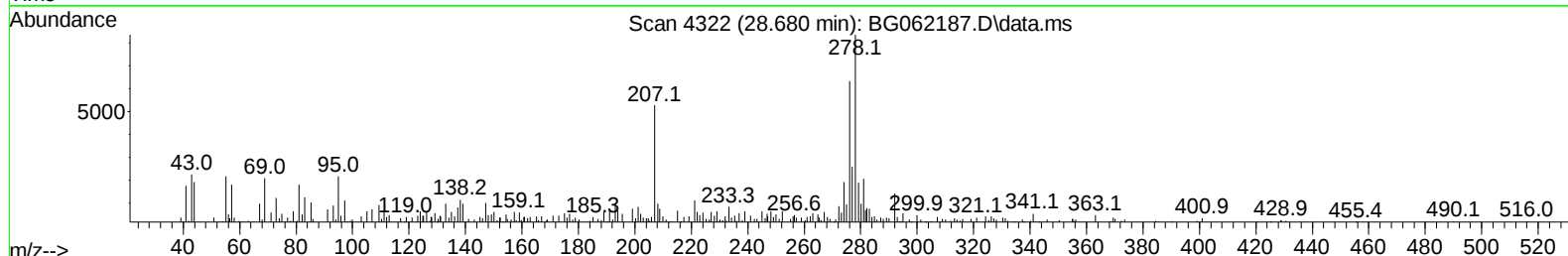
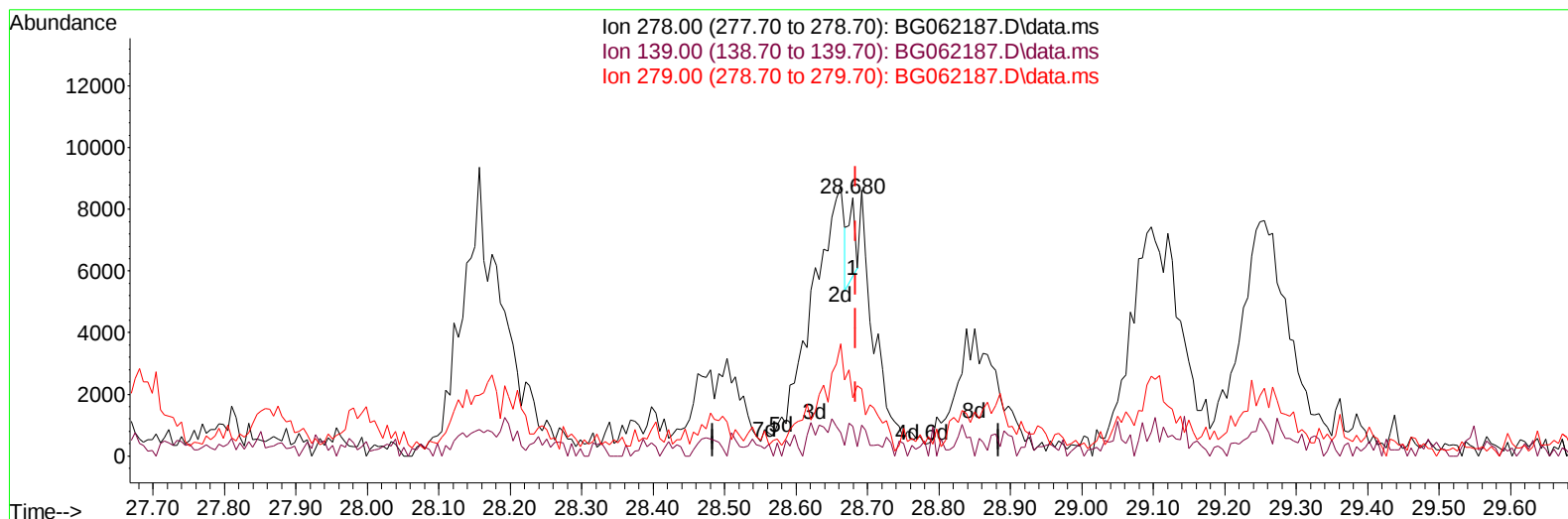
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Acq On : 23 Jul 2024 15:52
Operator : MA/JU
Sample : P3263-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BB0

Manual IntegrationsAPPROVED

Quant Time: Jul 23 16:41:29 2024
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QLast Update : Fri Jul 19 14:38:52 2024
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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062187.D\data.ms

(95) Dibenzo(a,h)anthracene

28.680min (-0.003) 0.08 ng/u1

response 1676

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	11.48#
279.00	23.60	22.51
0.00	0.00	0.00

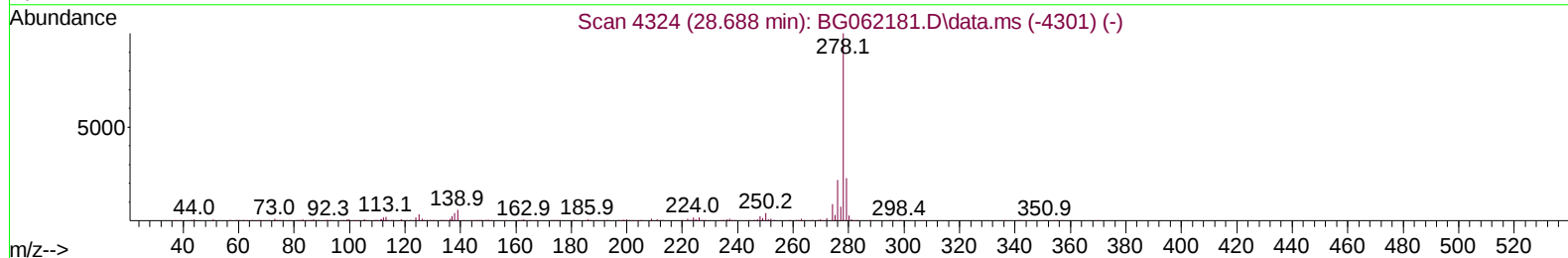
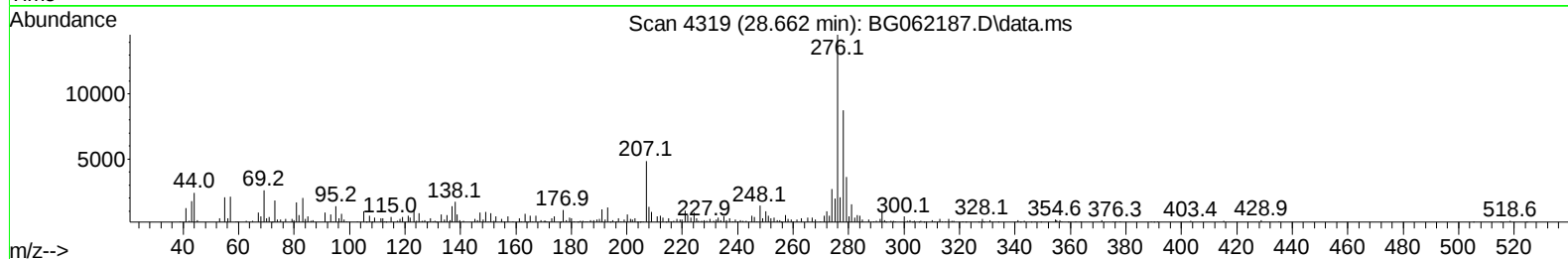
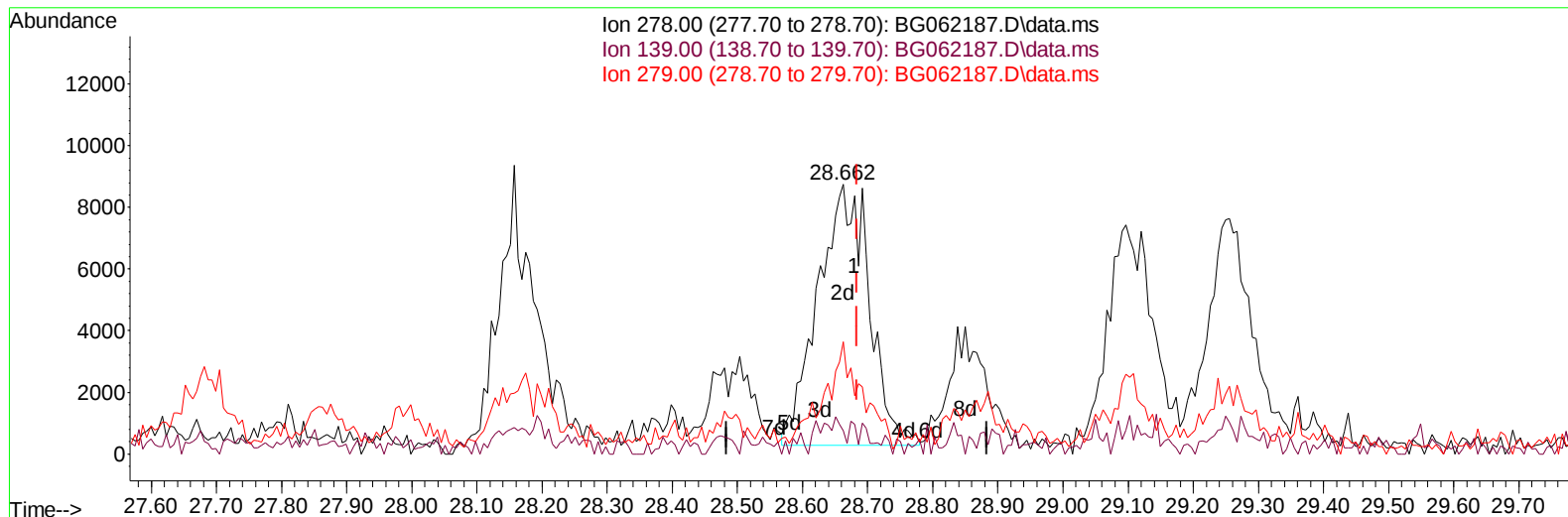
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062187.D
Acq On : 23 Jul 2024 15:52
Operator : MA/JU
Sample : P3263-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BB0

Manual IntegrationsAPPROVED

Quant Time: Jul 23 16:41:29 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
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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062187.D\data.ms

(95) Dibenzo(a,h)anthracene

28.662min (-0.021) 2.07 ng/ul m

response 46064

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	8.59#
279.00	23.60	41.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062187.D
 Acq On : 23 Jul 2024 15:52
 Operator : MA/JU
 Sample : P3263-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BB0

Manual IntegrationsAPPROVED

Quant Time: Jul 23 17:26:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	43048	20.000	ng/ul	0.00
20) Naphthalene-d8	10.880	136	181615	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	161702	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	401901	20.000	ng/ul	0.00
79) Chrysene-d12	21.701	240	378627	20.000	ng/ul	0.00
88) Perylene-d12	24.938	264	404056	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	2727m	2.958	ng/uL	0.00
4) Pyridine-d5	3.884	84	12429	3.710	ng/ul	0.00
7) Phenol-d5	7.238	99	80020	18.881	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	42682	17.528	ng/ul	0.00
11) 2-Chlorophenol-d4	7.597	132	49909	18.687	ng/ul	0.00
15) 4-Methylphenol-d8	8.783	113	57520	17.821	ng/ul	0.00
21) Nitrobenzene-d5	9.235	128	25623	17.708	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	31194	17.912	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	71993	19.747	ng/ul	0.00
31) 4-Chloroaniline-d4	11.015	131	45922	10.471	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	239980	17.509	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	263452	18.957	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	27422	16.603	ng/ul	0.00
60) Fluorene-d10	15.686	176	223642	19.164	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	36550	14.310	ng/ul	0.00
73) Anthracene-d10	17.536	188	377431	20.104	ng/ul	0.00
81) Pyrene-d10	19.821	212	412067	19.195	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.709	264	297614	14.735	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.933	128	12112	1.236	ng/ul	97
52) Acenaphthene	14.763	153	14936	1.485	ng/ul	96
56) Dibenzofuran	15.092	168	20145	1.330	ng/ul#	79
61) Fluorene	15.738	166	24491	1.886	ng/ul	99
72) Phenanthrene	17.483	178	422866	21.865	ng/ul	98
74) Anthracene	17.571	178	82544	4.146	ng/ul	96
77) Carbazole	17.847	167	34811	2.056	ng/ul	93
80) Fluoranthene	19.486	202	745517	30.272	ng/ul	98
82) Pyrene	19.851	202	483548	18.884	ng/ul	99
85) Benzo(a)anthracene	21.683	228	308457	11.607	ng/ul	97
87) Chrysene	21.748	228	297731	12.186	ng/ul	97
90) Benzo(b)fluoranthene	23.910	252	360348	14.435	ng/ul	97
91) Benzo(k)fluoranthene	23.963	252	125243m	5.026	ng/ul	
93) Benzo(a)pyrene	24.785	252	138243	5.913	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.621	276	125254m	4.663	ng/ul	
95) Dibenzo(a,h)anthracene	28.662	278	46064m	2.068	ng/ul	

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

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