

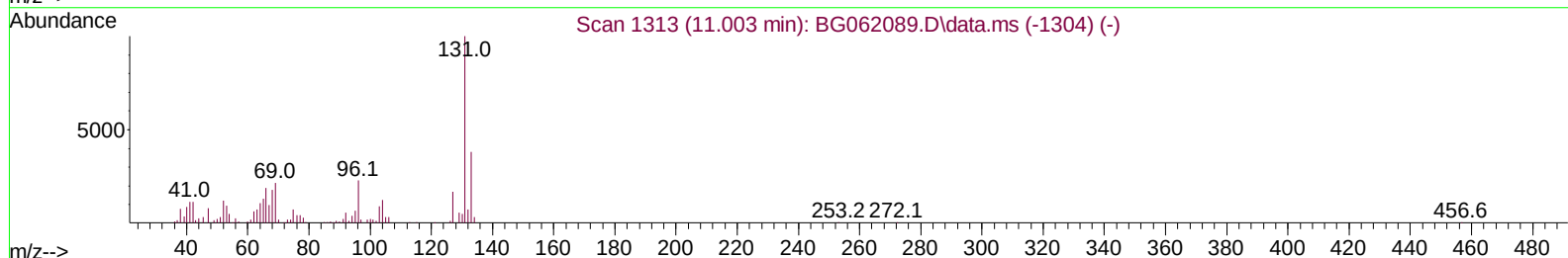
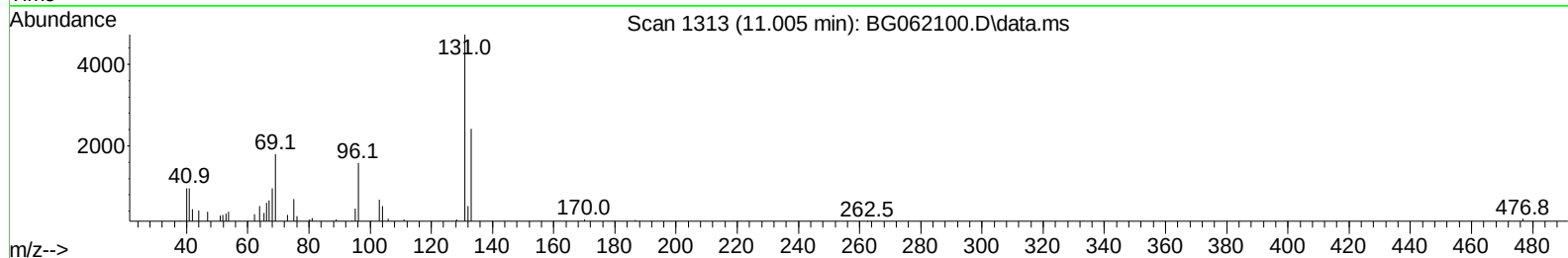
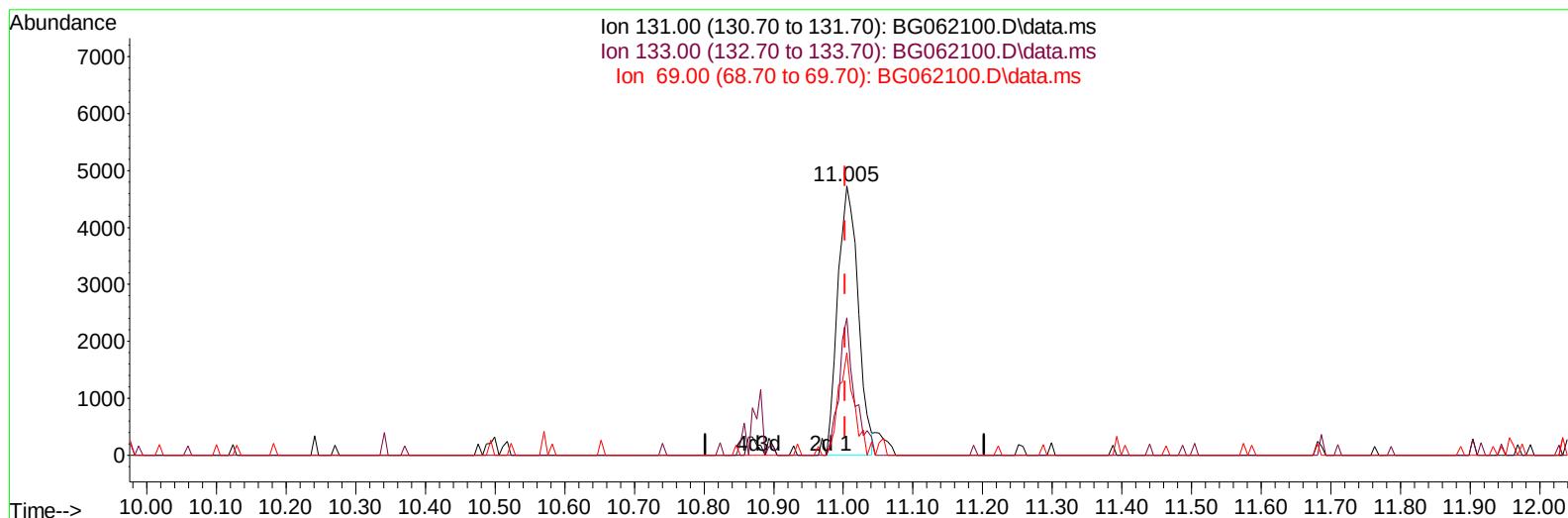
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062100.D
Acq On : 16 Jul 2024 18:59
Operator : MA/JU
Sample : P3177-14DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:47:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

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



TIC: BG062100.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.005min (+ 0.002) 2.29 ng/u1

response 9526

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	51.00#
69.00	21.00	37.99#
0.00	0.00	0.00

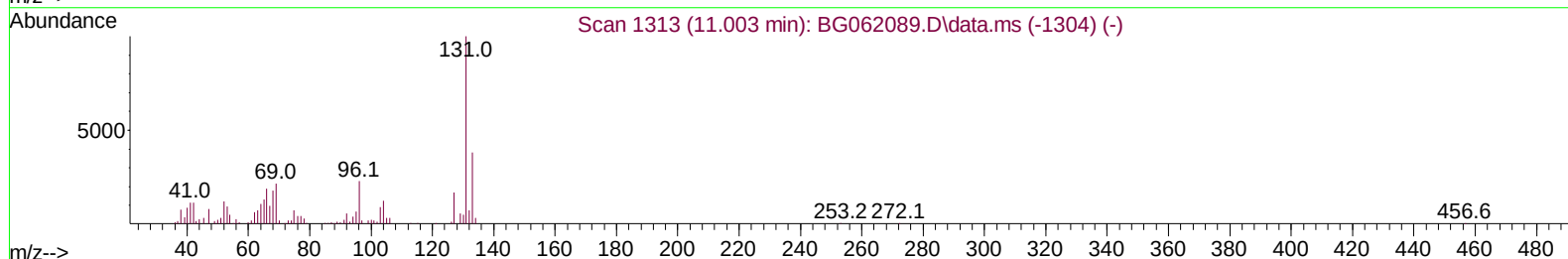
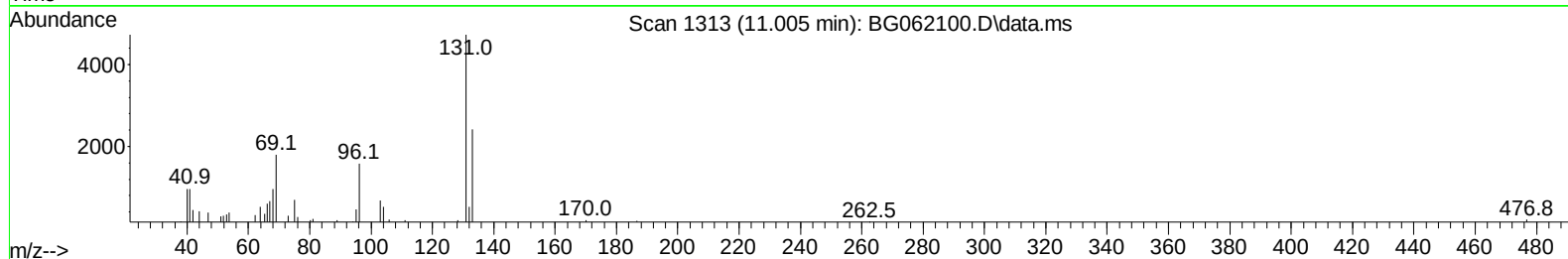
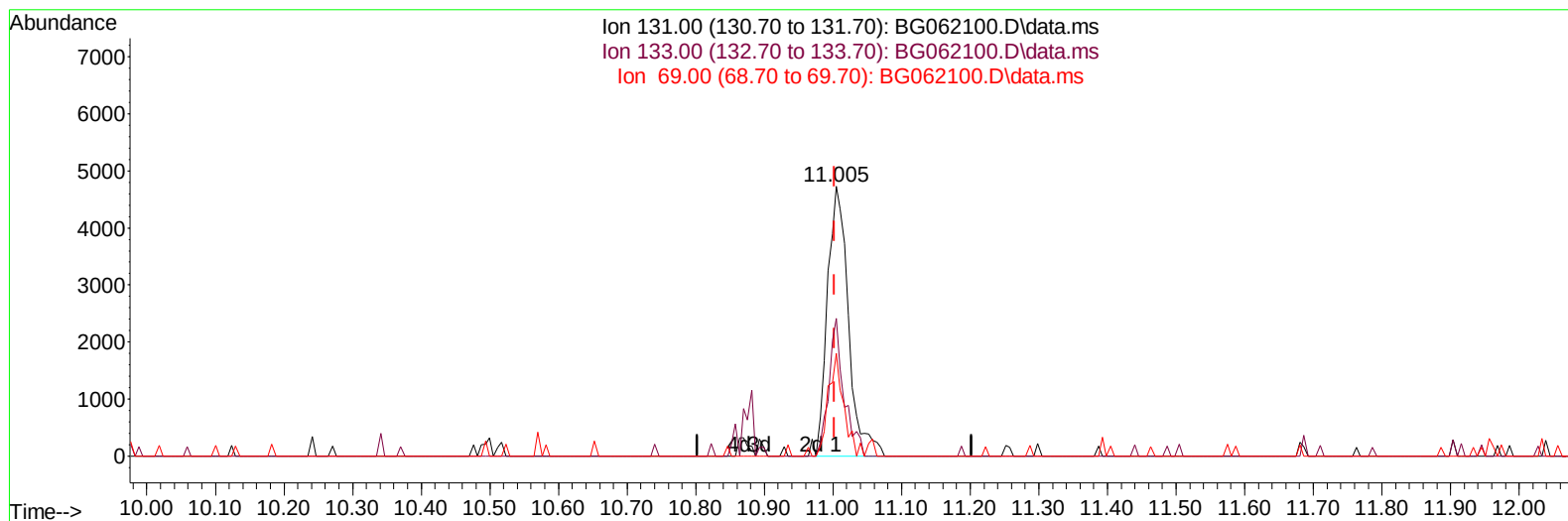
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062100.D
Acq On : 16 Jul 2024 18:59
Operator : MA/JU
Sample : P3177-14DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062100.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.005min (+ 0.002) 2.41 ng/ul m

response 10041

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	51.00#
69.00	21.00	37.99#
0.00	0.00	0.00

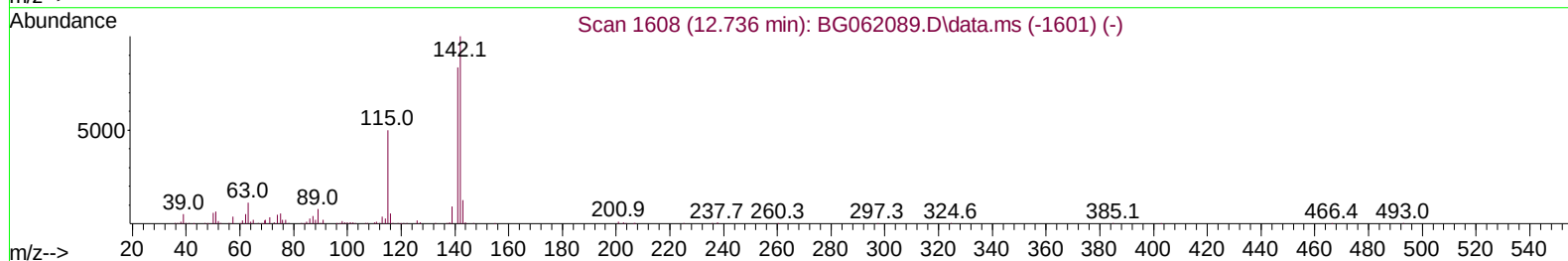
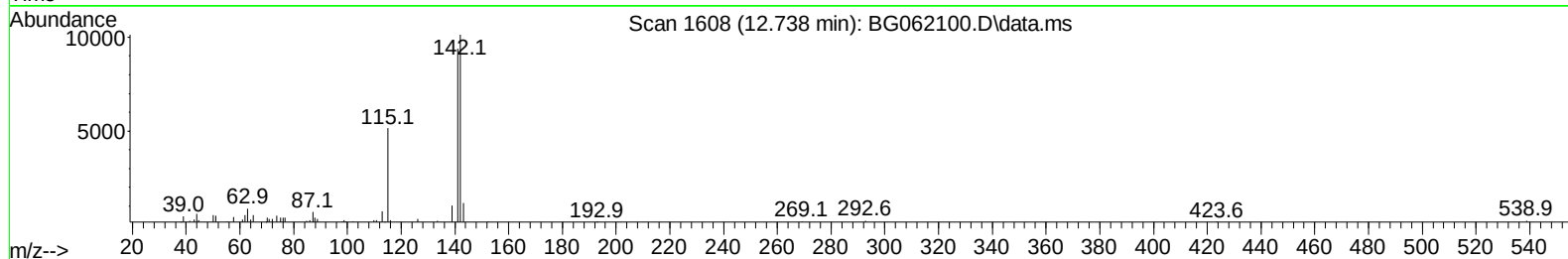
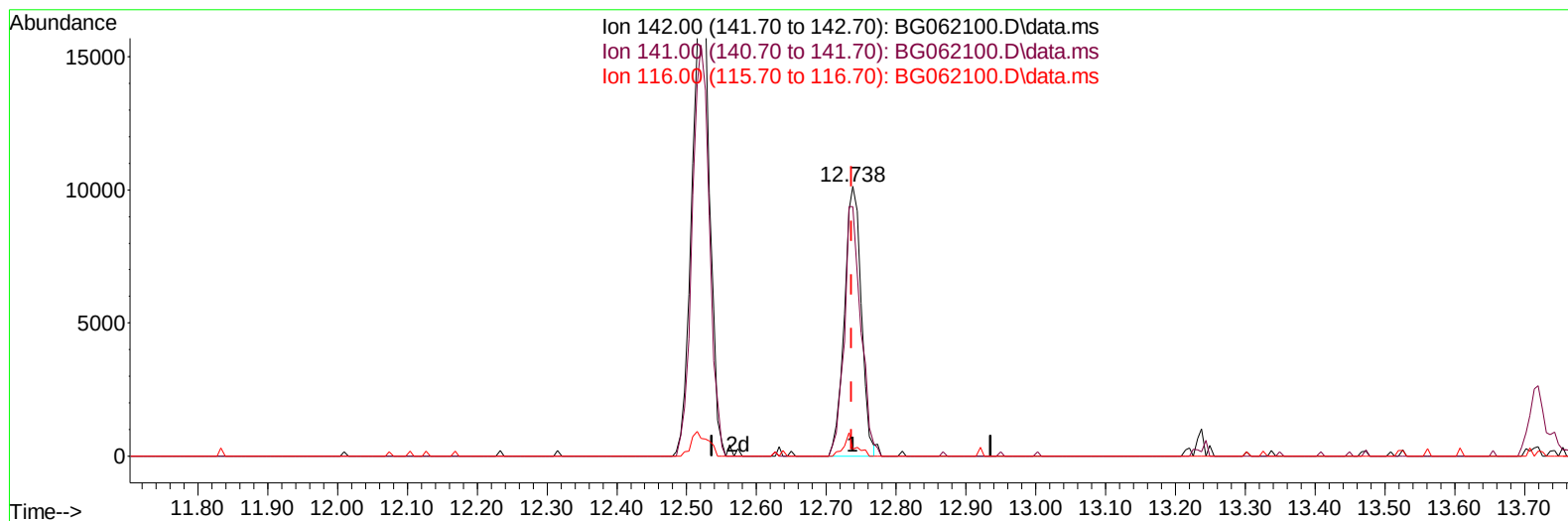
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062100.D
Acq On : 16 Jul 2024 18:59
Operator : MA/JU
Sample : P3177-14DL 5X
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:47:06 2024
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TIC: BG062100.D\data.ms

(37) 1-Methylnaphthalene

12.738min (+ 0.002) 2.39 ng/ul

response 16874

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.30	92.64
116.00	4.80	2.49#
0.00	0.00	0.00

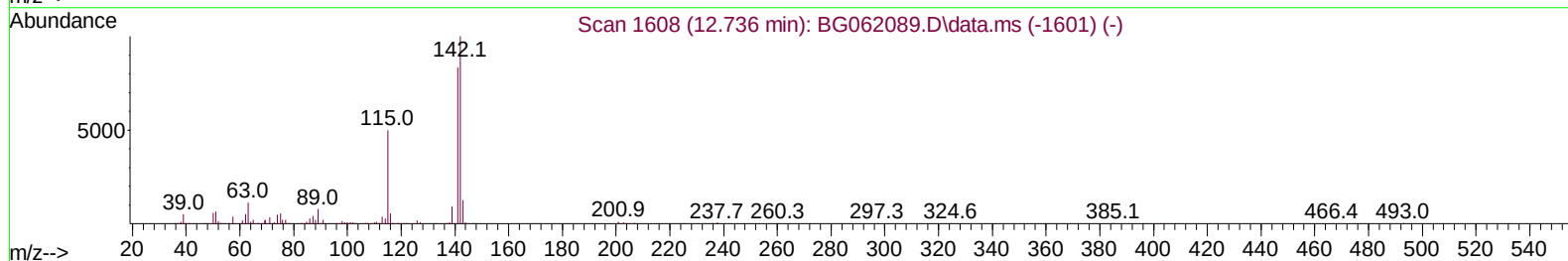
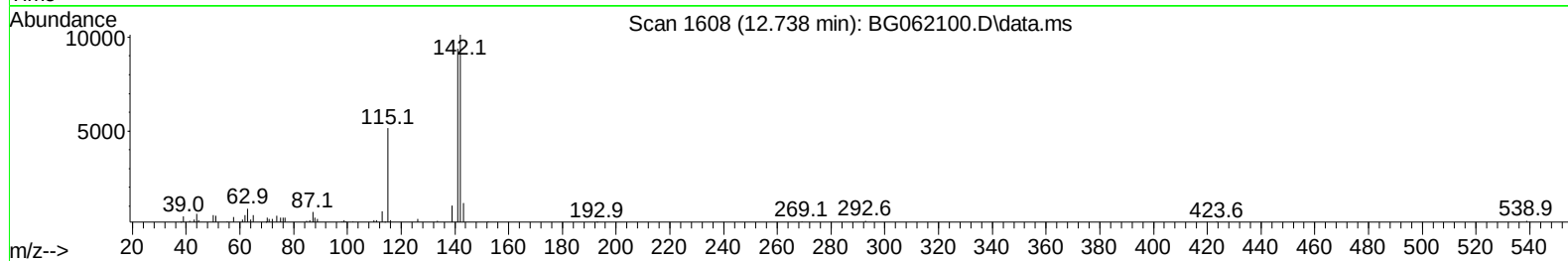
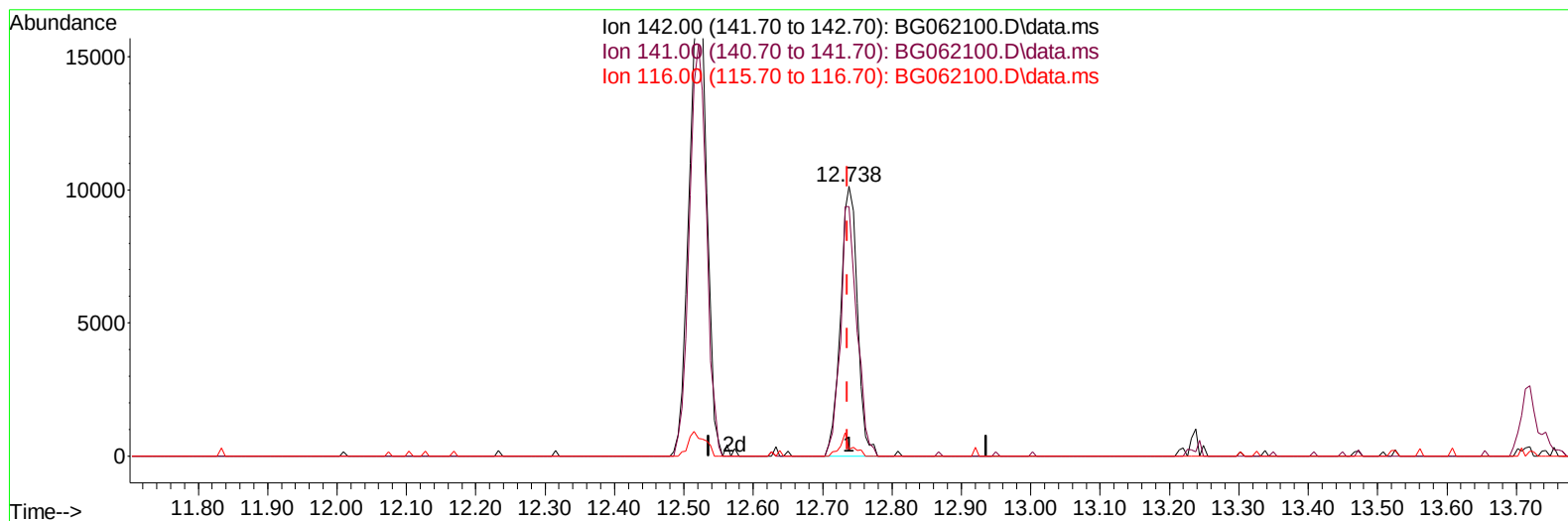
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062100.D
Acq On : 16 Jul 2024 18:59
Operator : MA/JU
Sample : P3177-14DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX8DL

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 00:47:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration



TIC: BG062100.D\data.ms

(37) 1-Methylnaphthalene

12.738min (+ 0.002) 2.41 ng/ul m

response 17028

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.30	92.64
116.00	4.80	2.49#
0.00	0.00	0.00

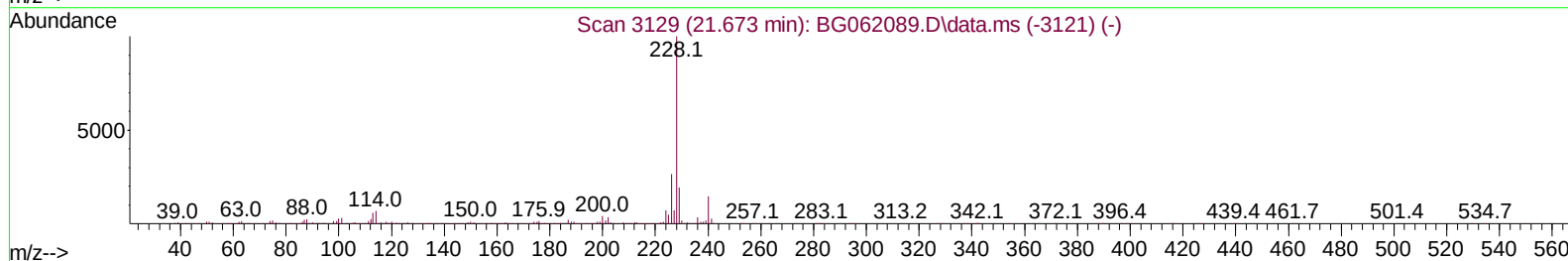
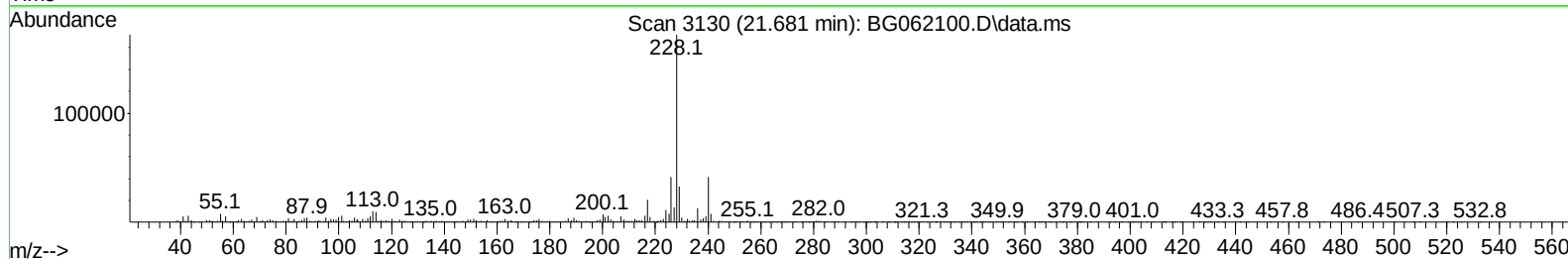
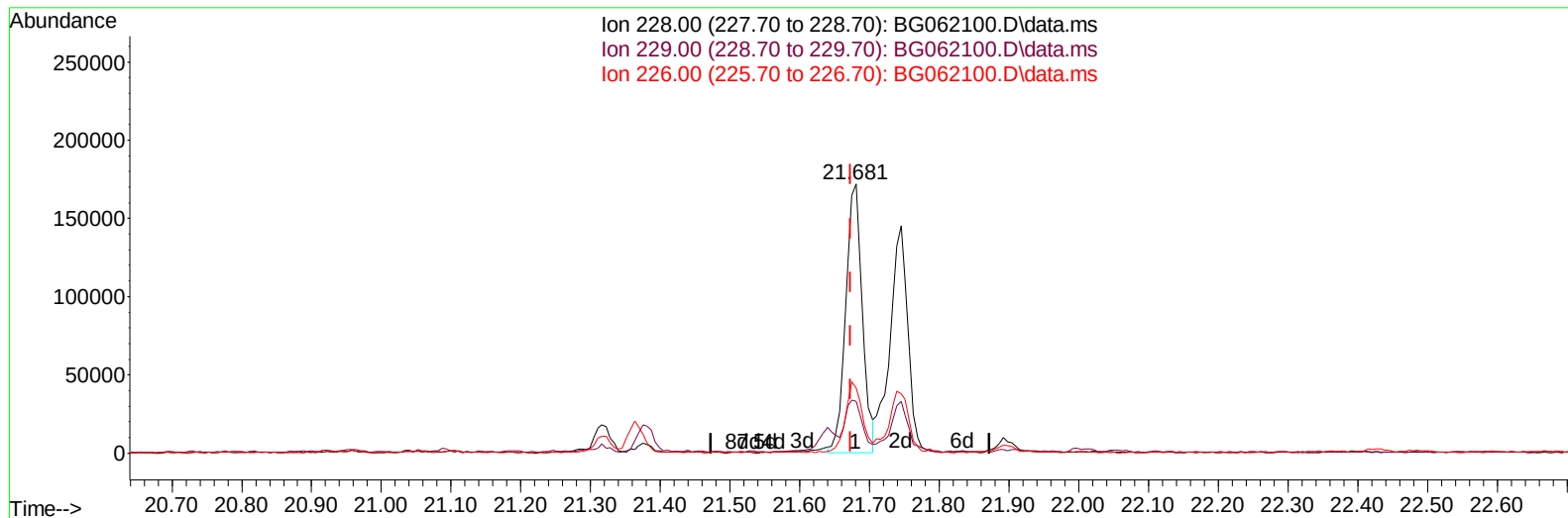
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062100.D
Acq On : 16 Jul 2024 18:59
Operator : MA/JU
Sample : P3177-14DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:47:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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TIC: BG062100.D\data.ms

(85) Benzo(a)anthracene

21.681min (+ 0.008) 17.41 ng/ul

response 282345

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	19.22
226.00	27.10	24.25
0.00	0.00	0.00

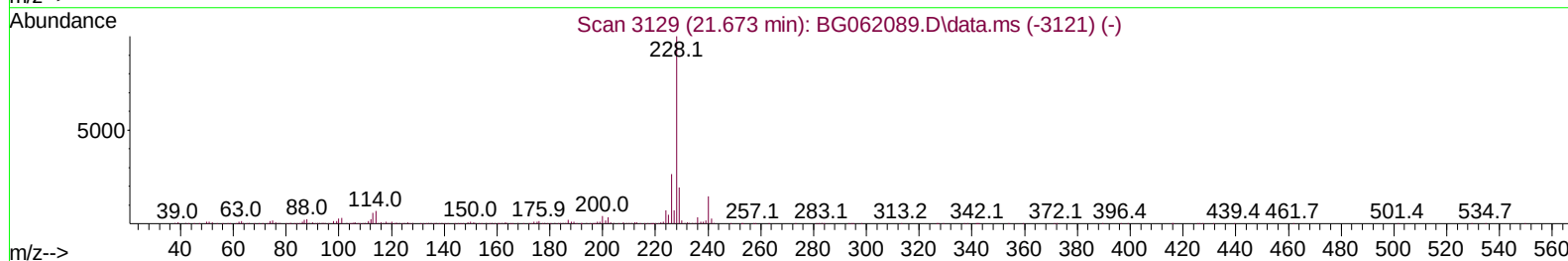
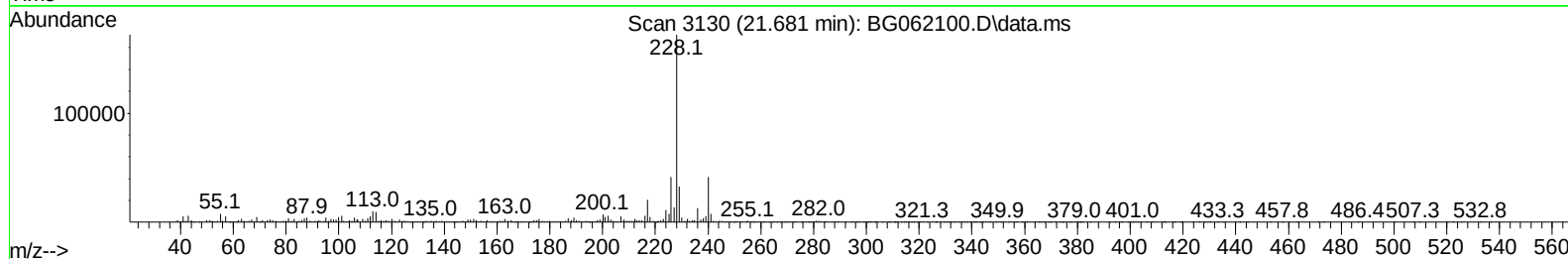
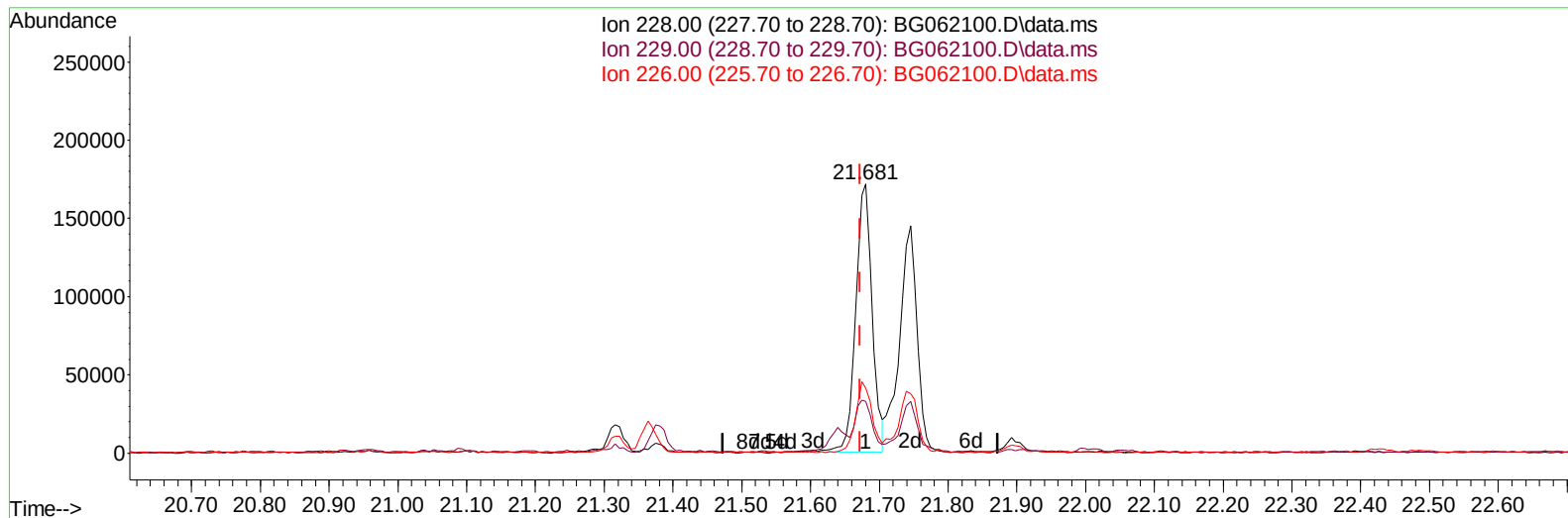
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062100.D
Acq On : 16 Jul 2024 18:59
Operator : MA/JU
Sample : P3177-14DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:47:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

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



TIC: BG062100.D\data.ms

(85) Benzo(a)anthracene

21.681min (+ 0.008) 17.55 ng/ul m

response 284627

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	19.22
226.00	27.10	24.25
0.00	0.00	0.00

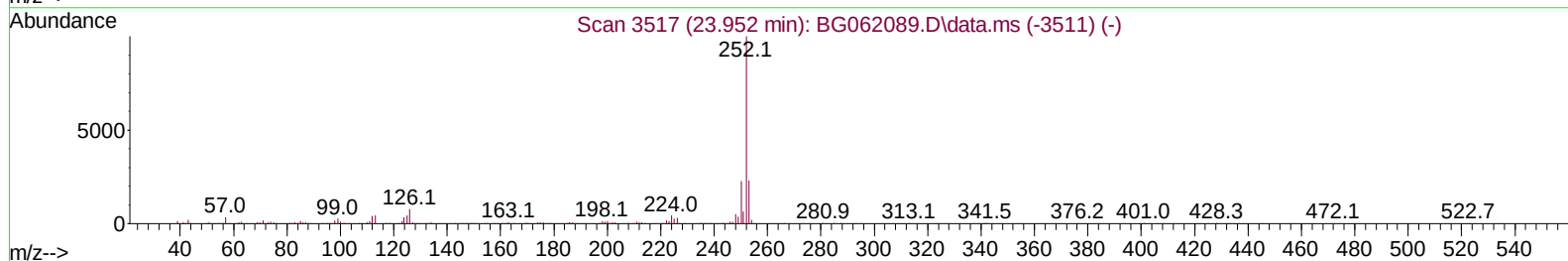
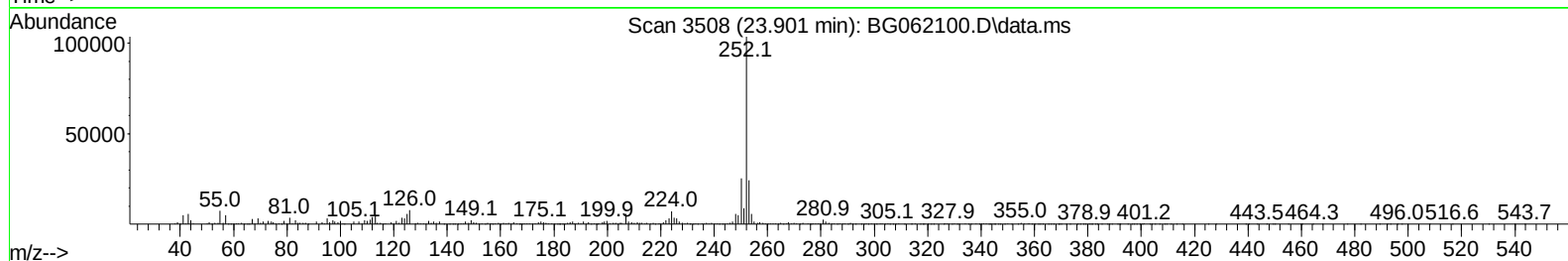
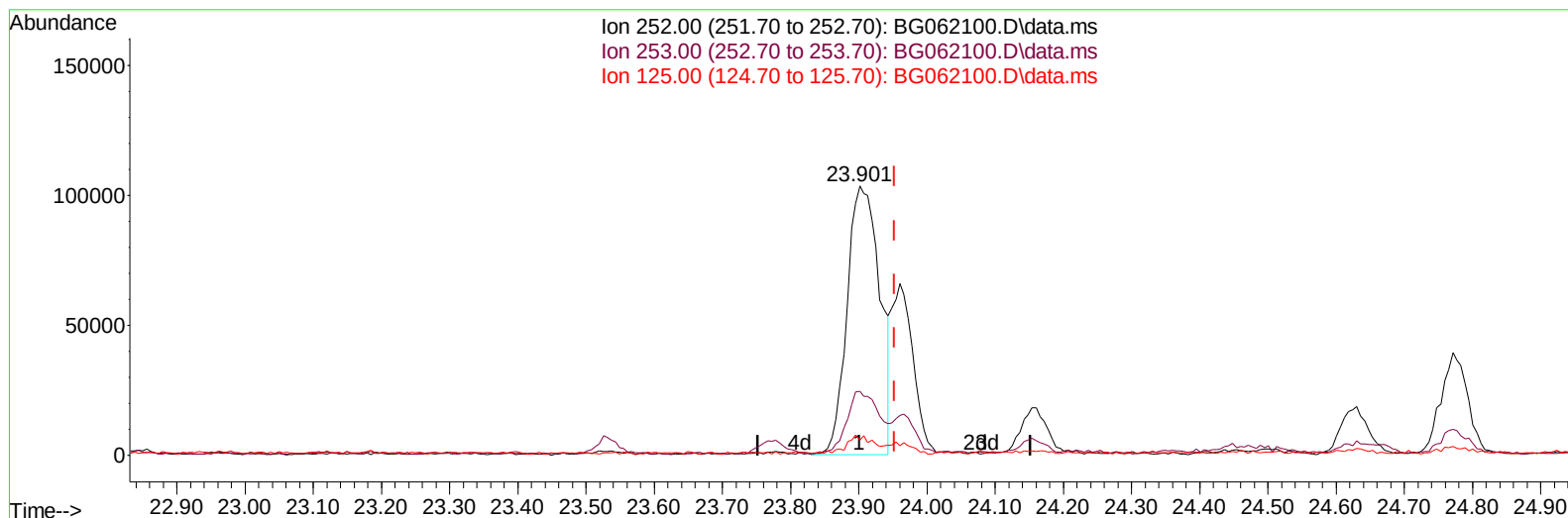
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062100.D
 Acq On : 16 Jul 2024 18:59
 Operator : MA/JU
 Sample : P3177-14DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:47:06 2024
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TIC: BG062100.D\data.ms

(91) Benzo(k)fluoranthene

23.901min (-0.051) 17.55 ng/u1

response 344131

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	23.66
125.00	7.90	5.52#
0.00	0.00	0.00

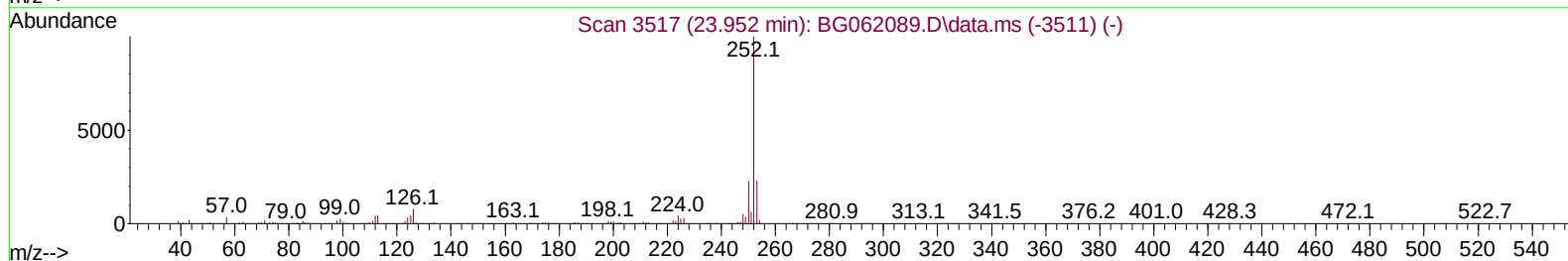
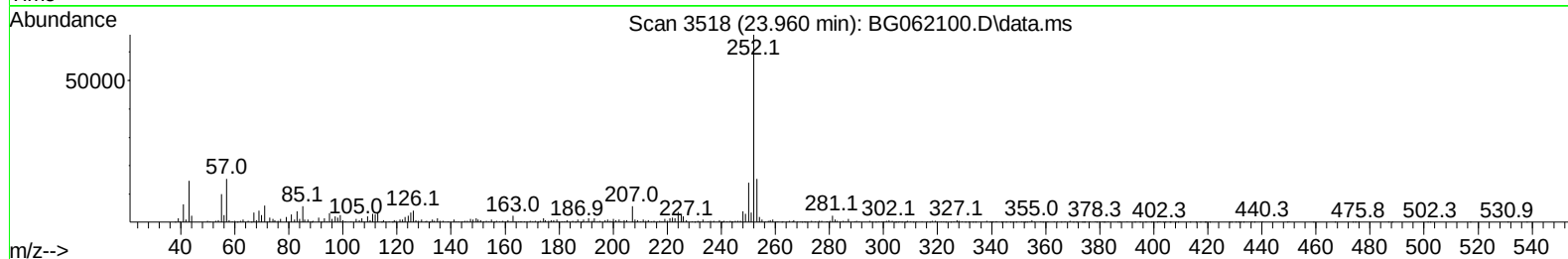
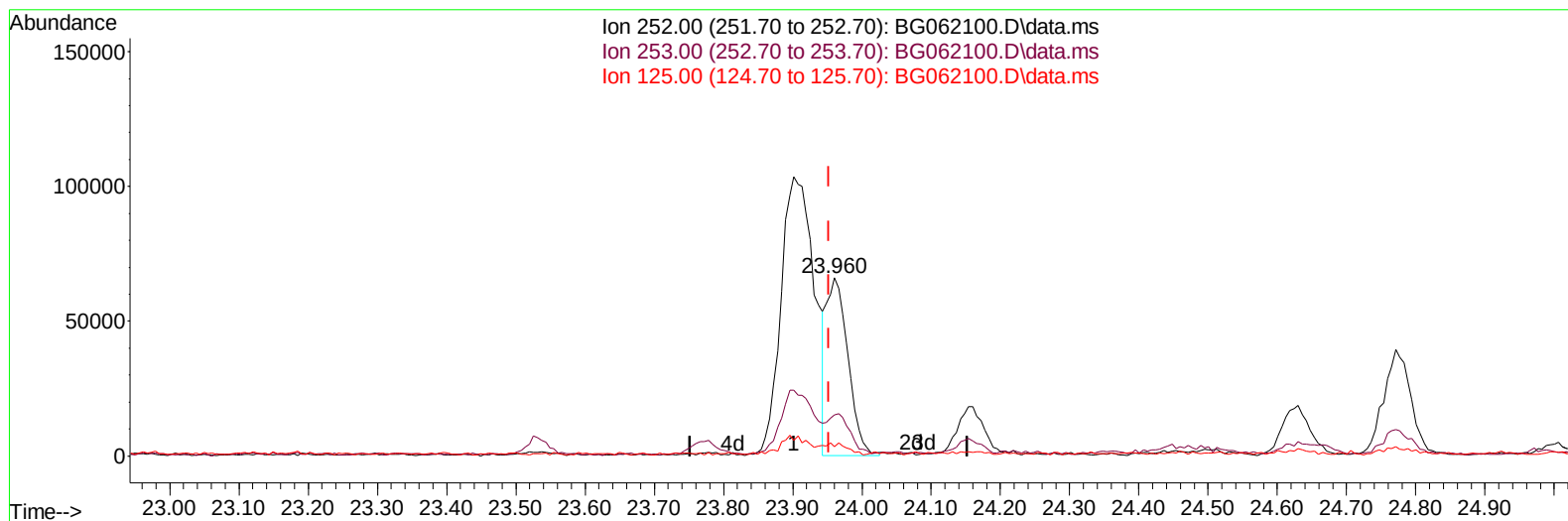
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062100.D
 Acq On : 16 Jul 2024 18:59
 Operator : MA/JU
 Sample : P3177-14DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:47:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
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Reviewed By :Jagrut Upadhyay 07/17/2024
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TIC: BG062100.D\data.ms

(91) Benzo(k)fluoranthene

23.960min (+ 0.008) 7.25 ng/ul m

response 142166

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	23.17
125.00	7.90	5.31#
0.00	0.00	0.00

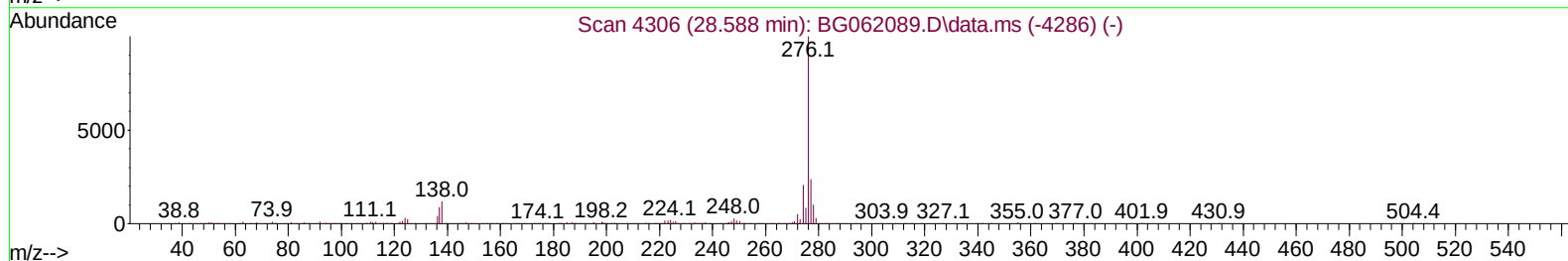
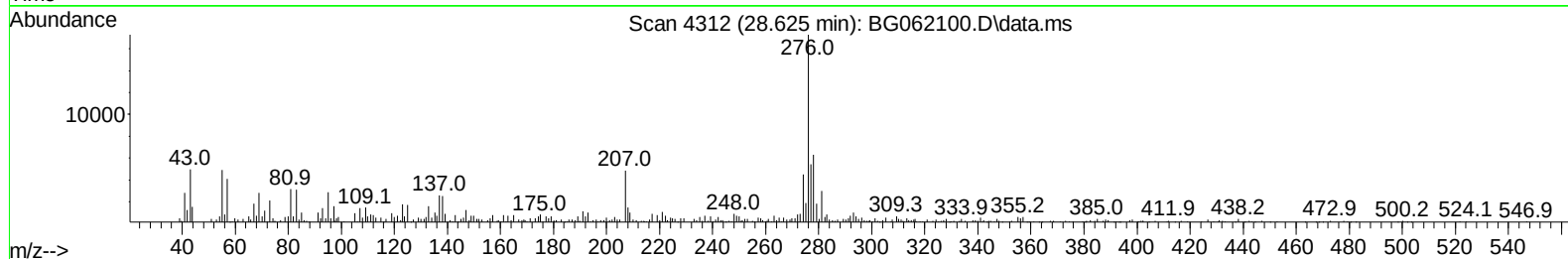
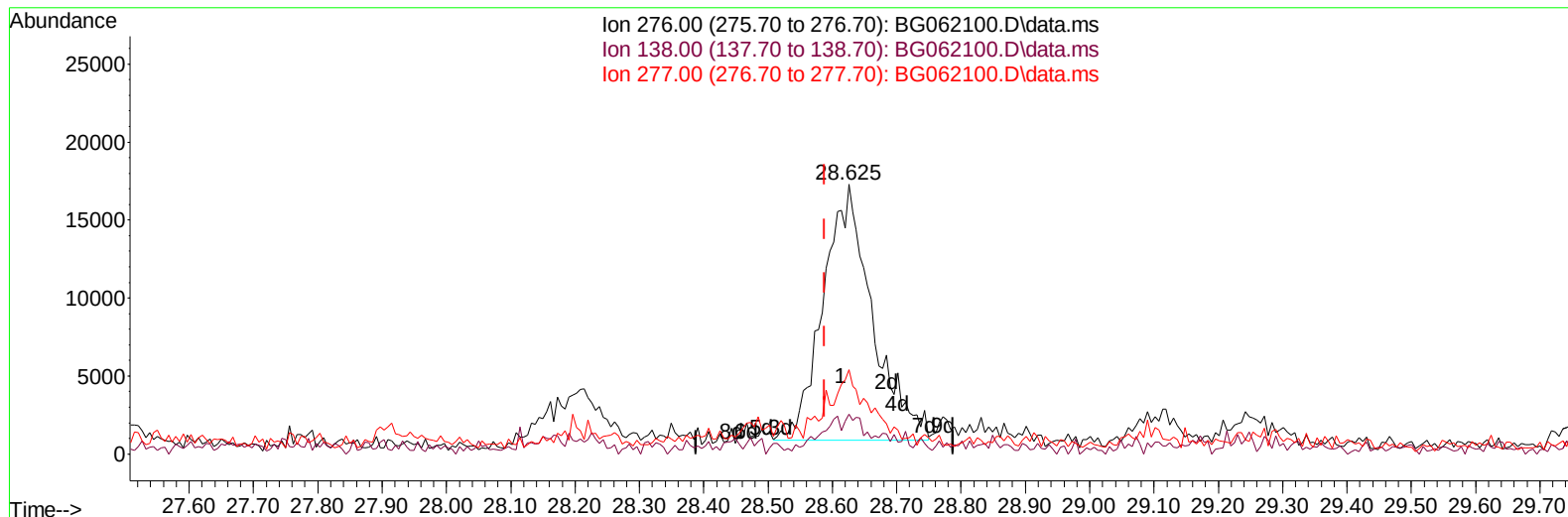
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062100.D
 Acq On : 16 Jul 2024 18:59
 Operator : MA/JU
 Sample : P3177-14DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 01:24:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
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TIC: BG062100.D\data.ms

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

28.625min (+ 0.037) 3.68 ng/ul m

response 87511

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	14.81
277.00	24.10	31.30#
0.00	0.00	0.00

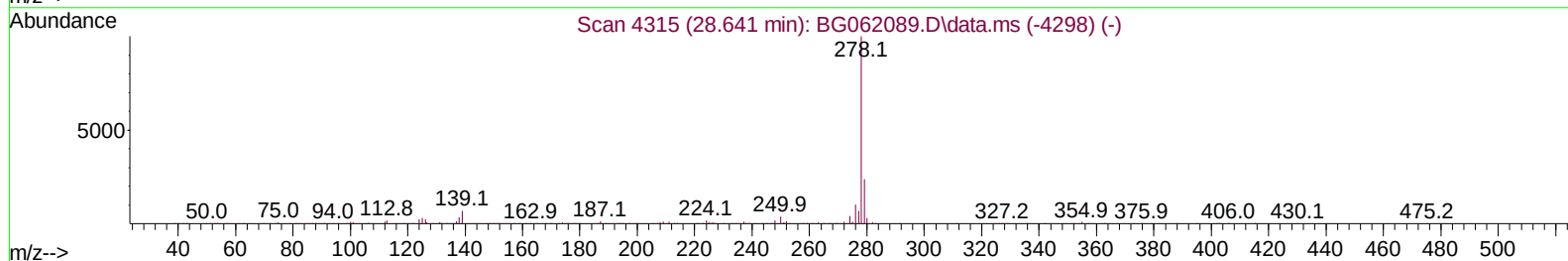
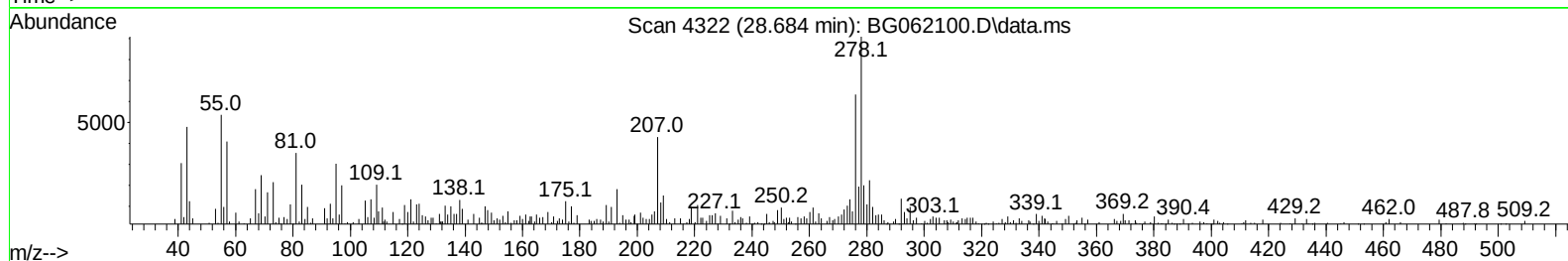
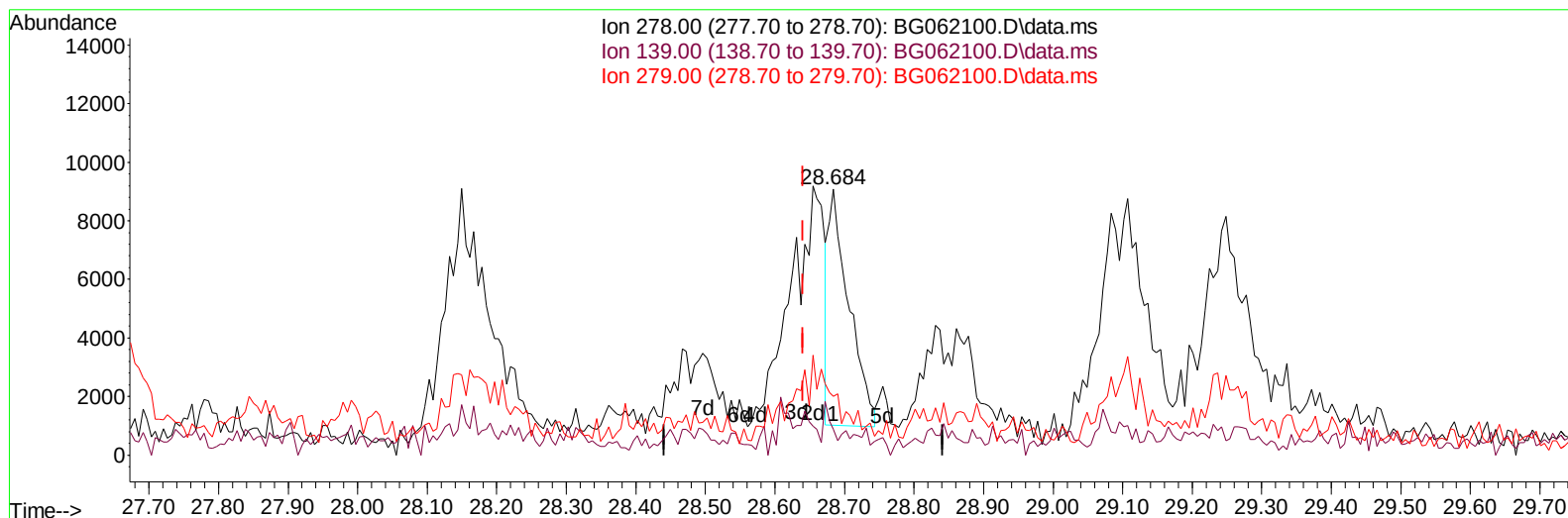
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Data File : BG062100.D
Acq On : 16 Jul 2024 18:59
Operator : MA/JU
Sample : P3177-14DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 01:24:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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TIC: BG062100.D\data.ms

(95) Dibenzo(a,h)anthracene

28.684min (+ 0.043) 0.83 ng/u1

response 16355

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	9.72
279.00	23.50	22.03
0.00	0.00	0.00

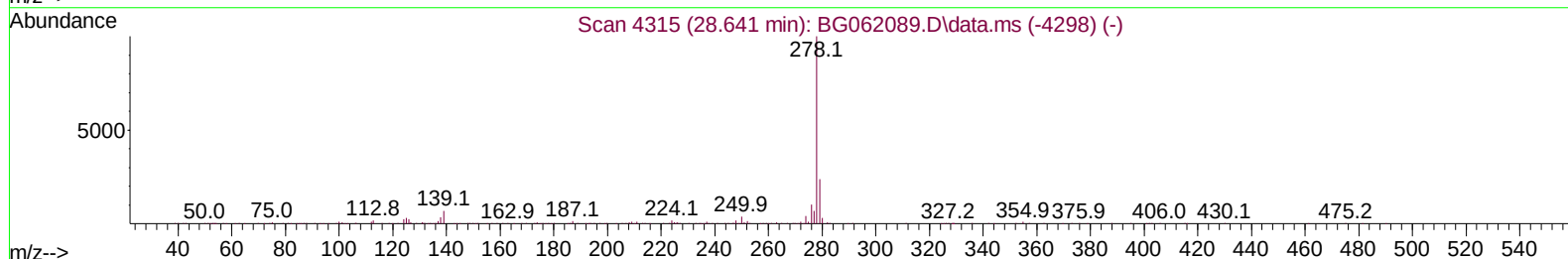
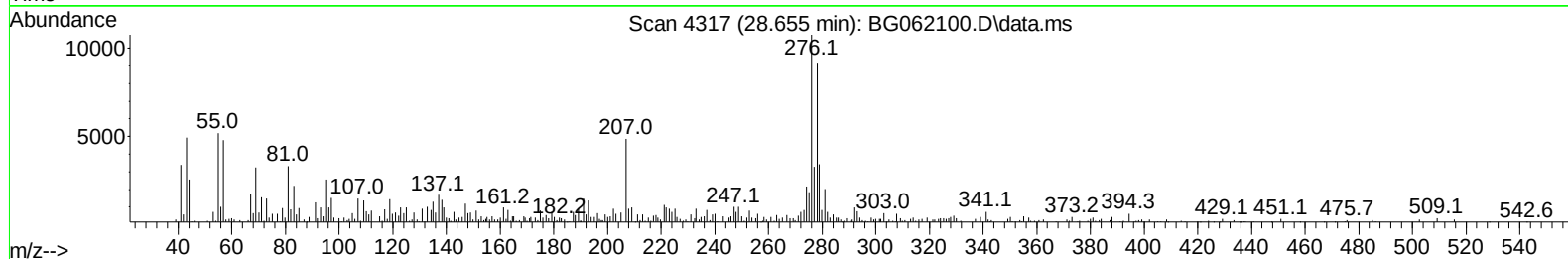
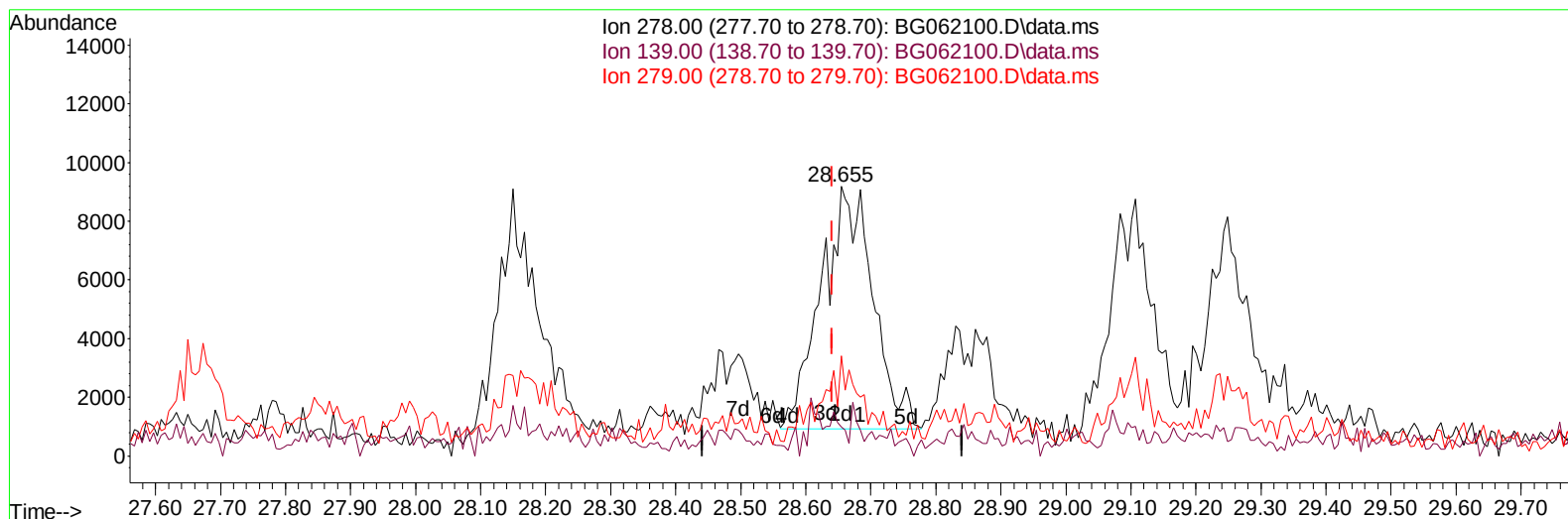
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062100.D
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Sample : P3177-14DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 01:24:51 2024
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TIC: BG062100.D\data.ms

(95) Dibenzo(a,h)anthracene

28.655min (+ 0.014) 2.32 ng/ul m

response 45692

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	10.70
279.00	23.50	37.19#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062100.D
 Acq On : 16 Jul 2024 18:59
 Operator : MA/JU
 Sample : P3177-14DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 02:49:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	37096	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	171001	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.689	164	129733	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	276524	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.698	240	223957	20.000	ng/ul	# 0.00
88) Perylene-d12	24.930	264	312139	20.000	ng/ul	0.01
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	7.221	99	13401	3.301	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	7288	2.835	ng/ul	0.00
11) 2-Chlorophenol-d4	7.585	132	10036	3.604	ng/ul	0.00
15) 4-Methylphenol-d8	8.772	113	13480	4.217	ng/ul	0.00
21) Nitrobenzene-d5	9.225	128	6082	4.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	6804	4.581	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	11450	3.997	ng/ul	0.01
31) 4-Chloroaniline-d4	11.005	131	10041m	2.414	ng/ul	0.00
46) Dimethylphthalate-d6	14.084	166	49619	4.652	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	47983	4.302	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	4814	2.826	ng/ul	0.00
60) Fluorene-d10	15.676	176	38142	4.248	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.532	188	64195	4.972	ng/ul	0.00
81) Pyrene-d10	19.812	212	53997	4.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.695	264	36871	2.382	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.923	128	135822	14.460	ng/ul	96
36) 2-Methylnaphthalene	12.521	142	31077	4.567	ng/ul	99
37) 1-Methylnaphthalene	12.738	142	17028m	2.408	ng/ul	
43) 1,1'-Biphenyl	13.525	154	10777	1.078	ng/ul#	89
52) Acenaphthene	14.753	153	54922	6.498	ng/ul	88
56) Dibenzofuran	15.082	168	95801	8.020	ng/ul	90
61) Fluorene	15.735	166	70565	6.946	ng/ul	97
72) Phenanthrene	17.480	178	755646	51.826	ng/ul	98
74) Anthracene	17.568	178	148301	9.842	ng/ul	96
77) Carbazole	17.838	167	82791	6.529	ng/ul#	96
80) Fluoranthene	19.483	202	727169	46.645	ng/ul#	90
82) Pyrene	19.842	202	352241	21.874	ng/ul#	91
85) Benzo(a)anthracene	21.681	228	284627m	17.553	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.563	149	11720	1.209	ng/ul#	87
87) Chrysene	21.745	228	258998	17.062	ng/ul	94
90) Benzo(b)fluoranthene	23.901	252	344131	17.499	ng/ul#	95
91) Benzo(k)fluoranthene	23.960	252	142166m	7.249	ng/ul	
93) Benzo(a)pyrene	24.771	252	104755	5.625	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.625	276	87511m	3.677	ng/ul	
95) Dibenzo(a,h)anthracene	28.655	278	45692m	2.325	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

A4BX8DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024

Supervised By :mohammad ahmed 07/18/2024

