

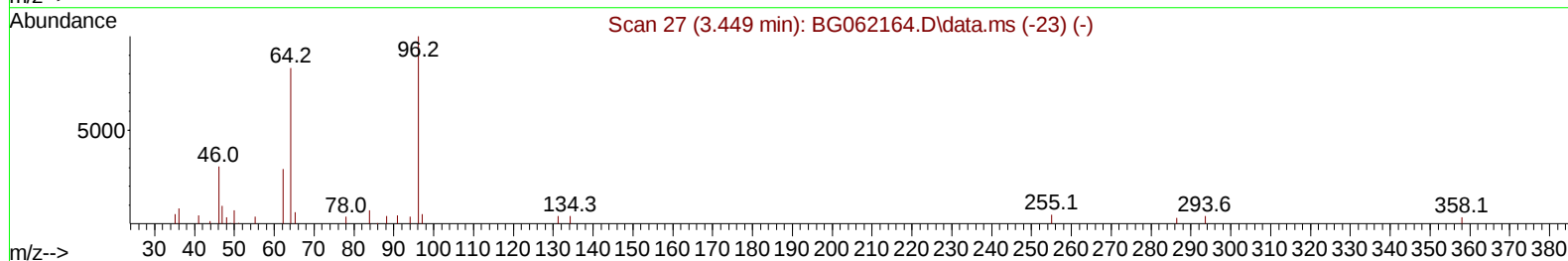
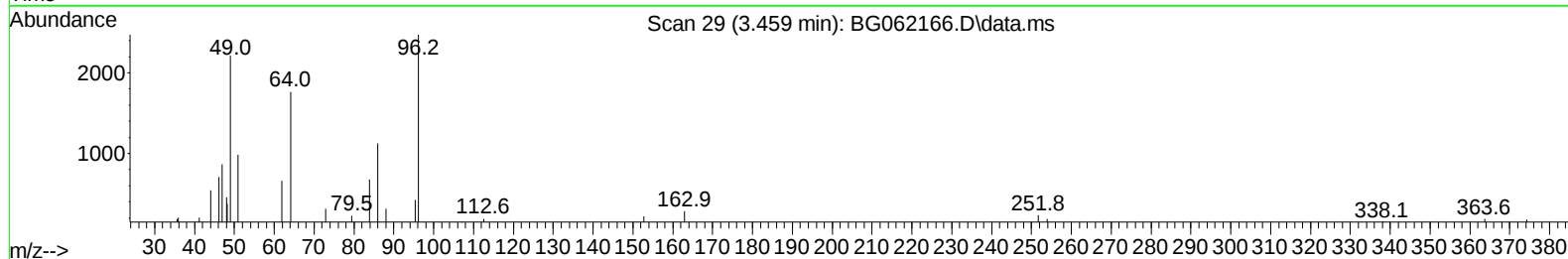
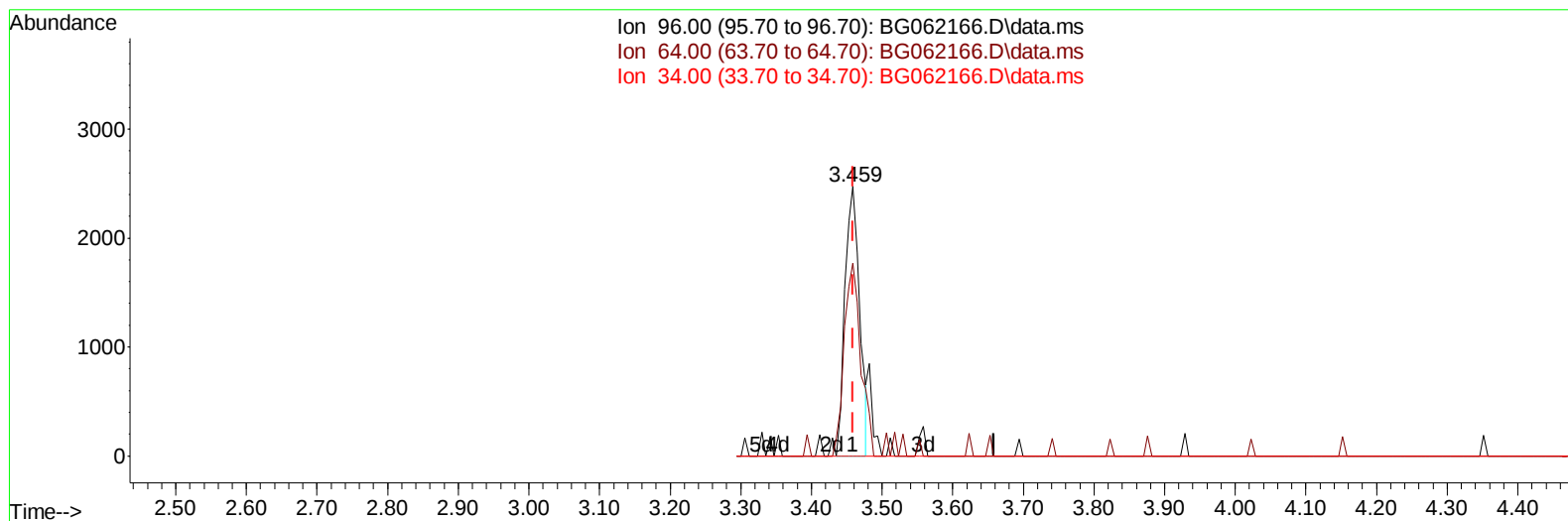
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062166.D
Acq On : 22 Jul 2024 18:16
Operator : MA/JU
Sample : P3263-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CK8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:12:09 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 :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062166.D\data.ms

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

3.459min (+ 0.000) 3.85 ng/uL

response 3579

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	71.45
34.00	0.00	0.00
0.00	0.00	0.00

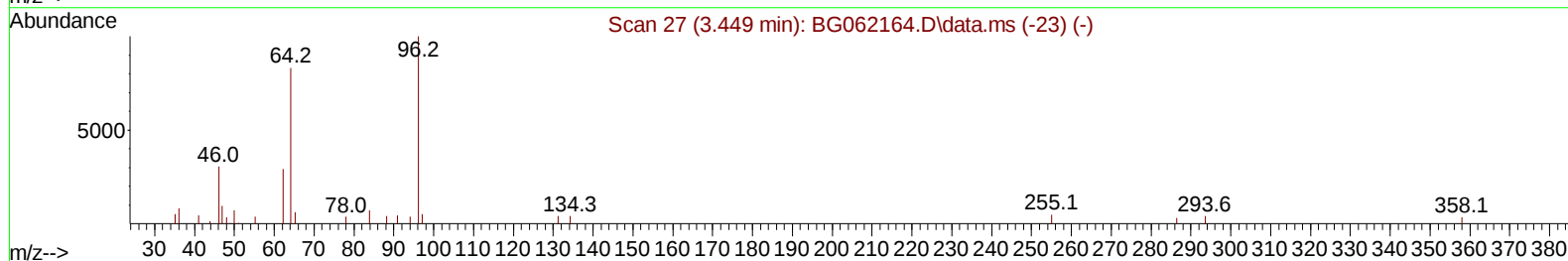
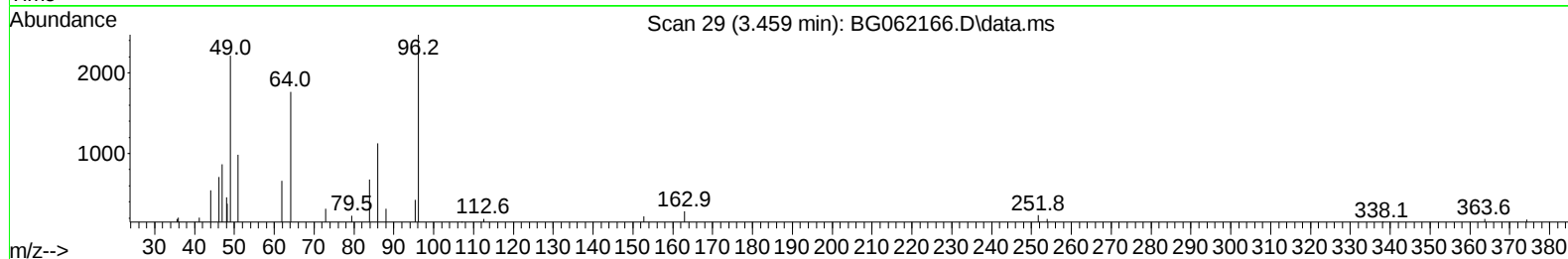
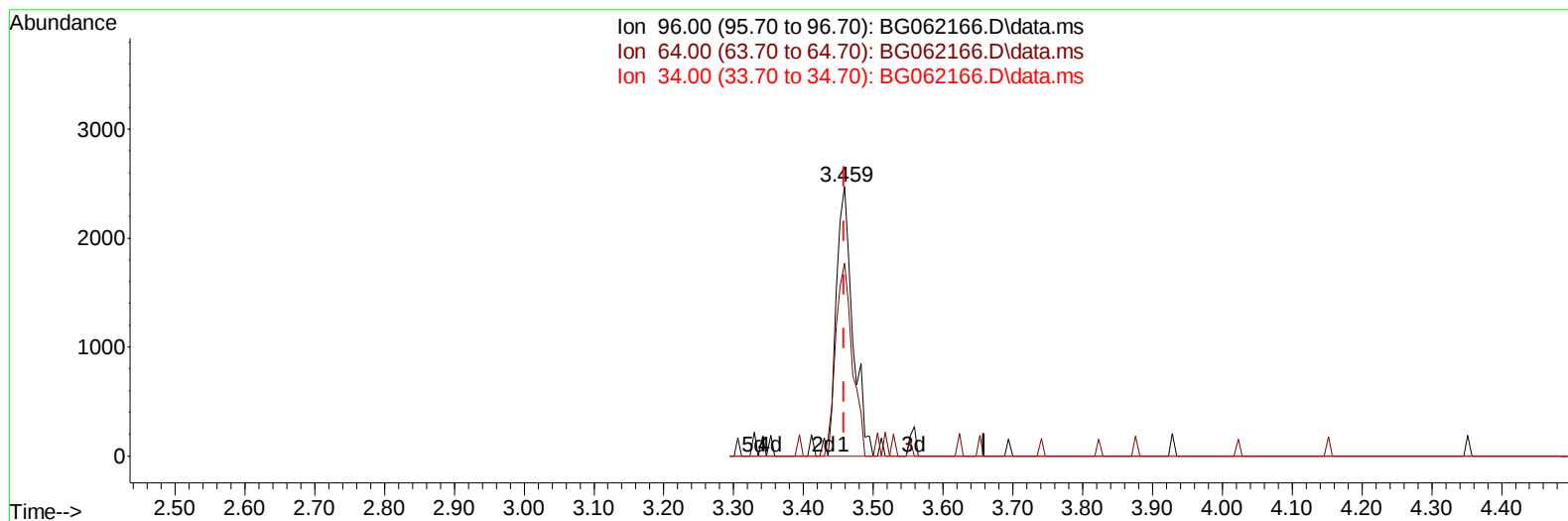
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062166.D
Acq On : 22 Jul 2024 18:16
Operator : MA/JU
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062166.D\data.ms

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

3.459min (+ 0.000) 4.31 ng/uL m

response 4000

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	71.45
34.00	0.00	0.00
0.00	0.00	0.00

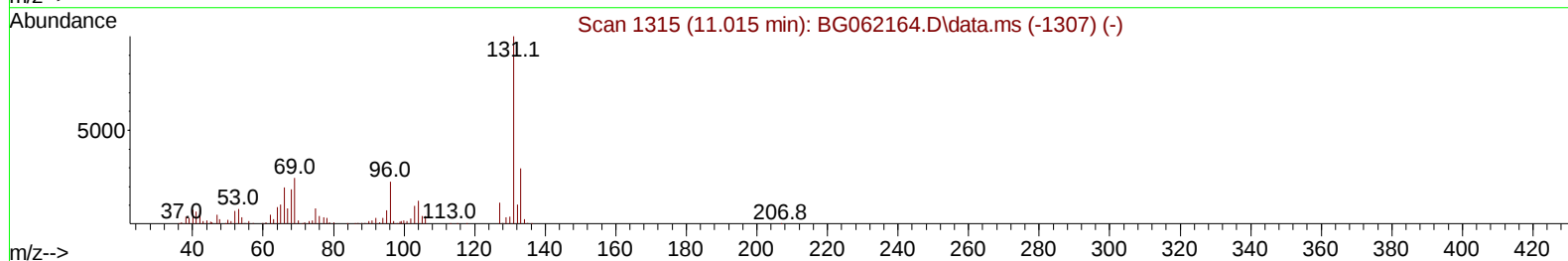
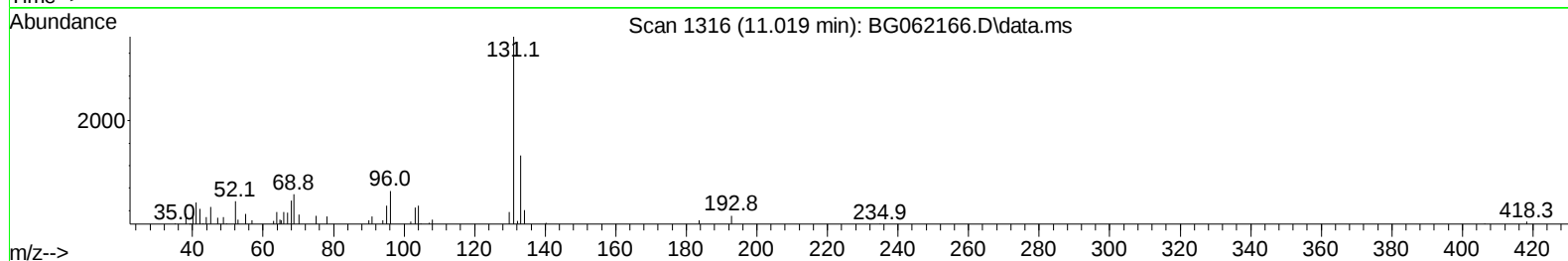
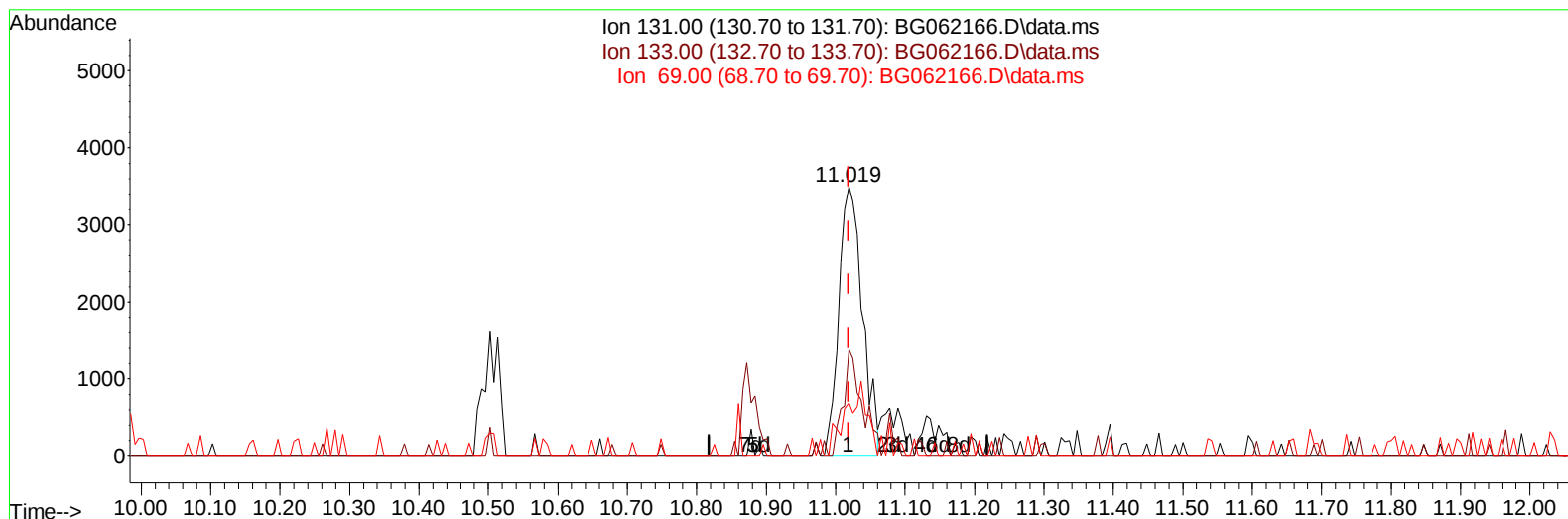
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062166.D
Acq On : 22 Jul 2024 18:16
Operator : MA/JU
Sample : P3263-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CK8

Manual IntegrationsAPPROVED

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TIC: BG062166.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.019min (+ 0.000) 1.86 ng/u1

response 8225

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	28.90	39.57#
69.00	24.30	19.78
0.00	0.00	0.00

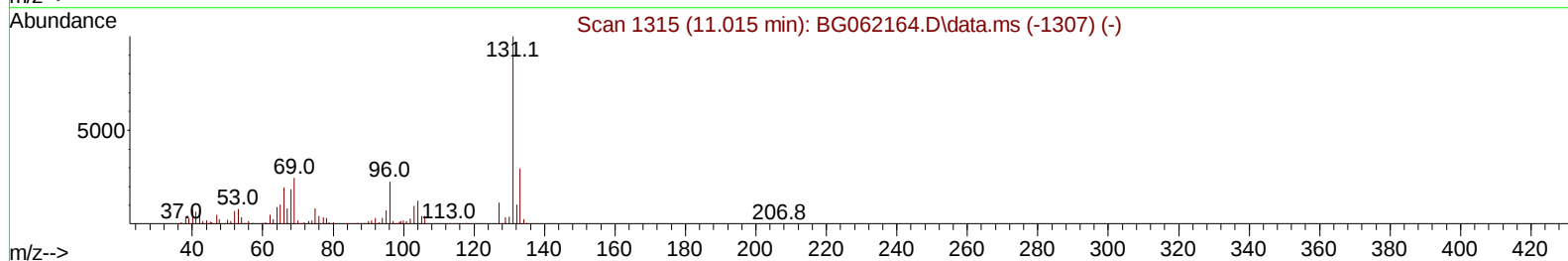
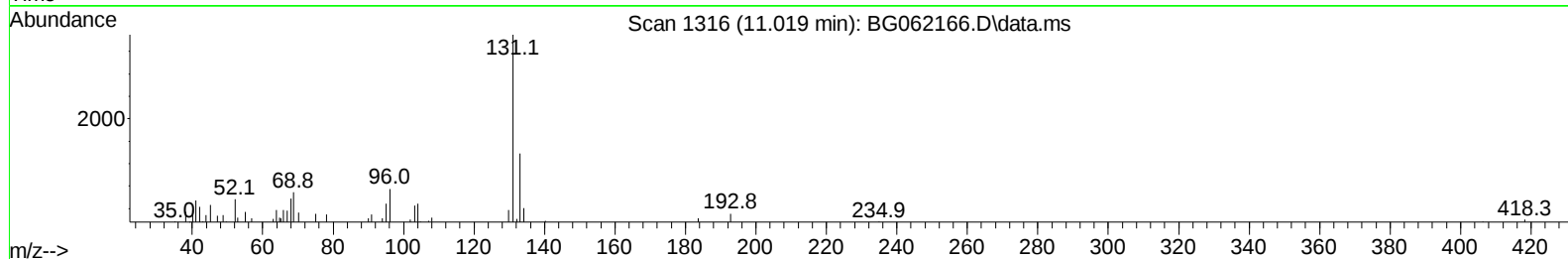
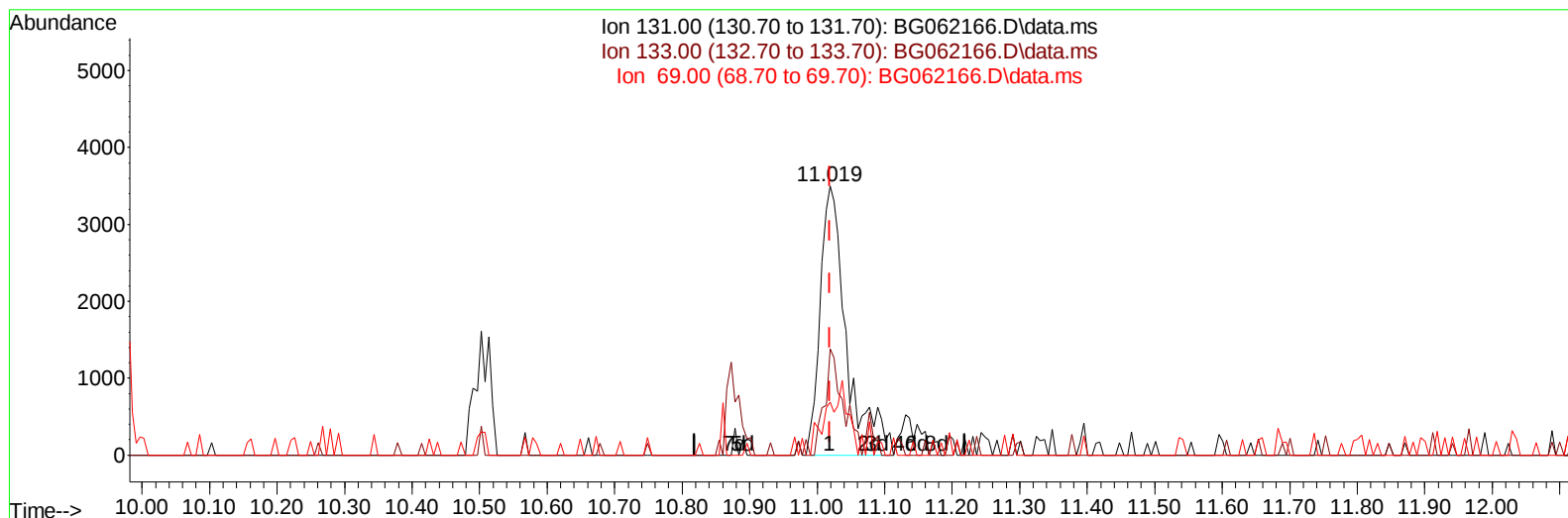
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062166.D
 Acq On : 22 Jul 2024 18:16
 Operator : MA/JU
 Sample : P3263-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CK8

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062166.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.019min (+ 0.000) 2.15 ng/ul m

response 9505

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	28.90	39.57#
69.00	24.30	19.78
0.00	0.00	0.00

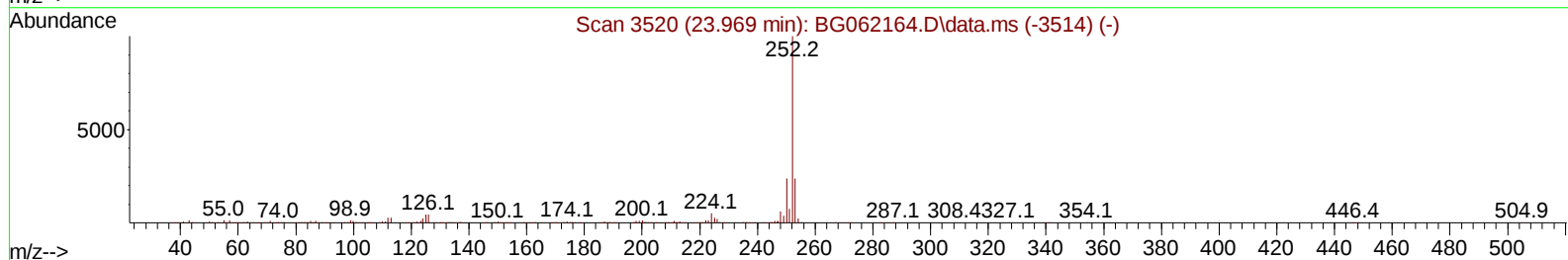
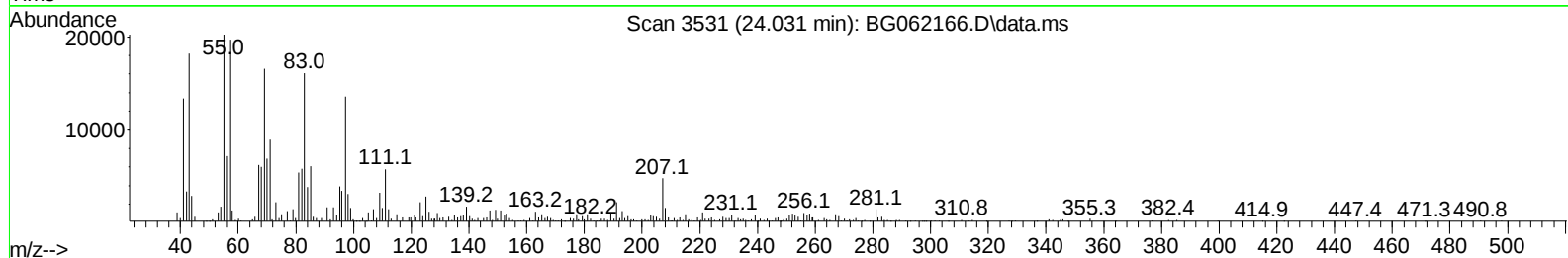
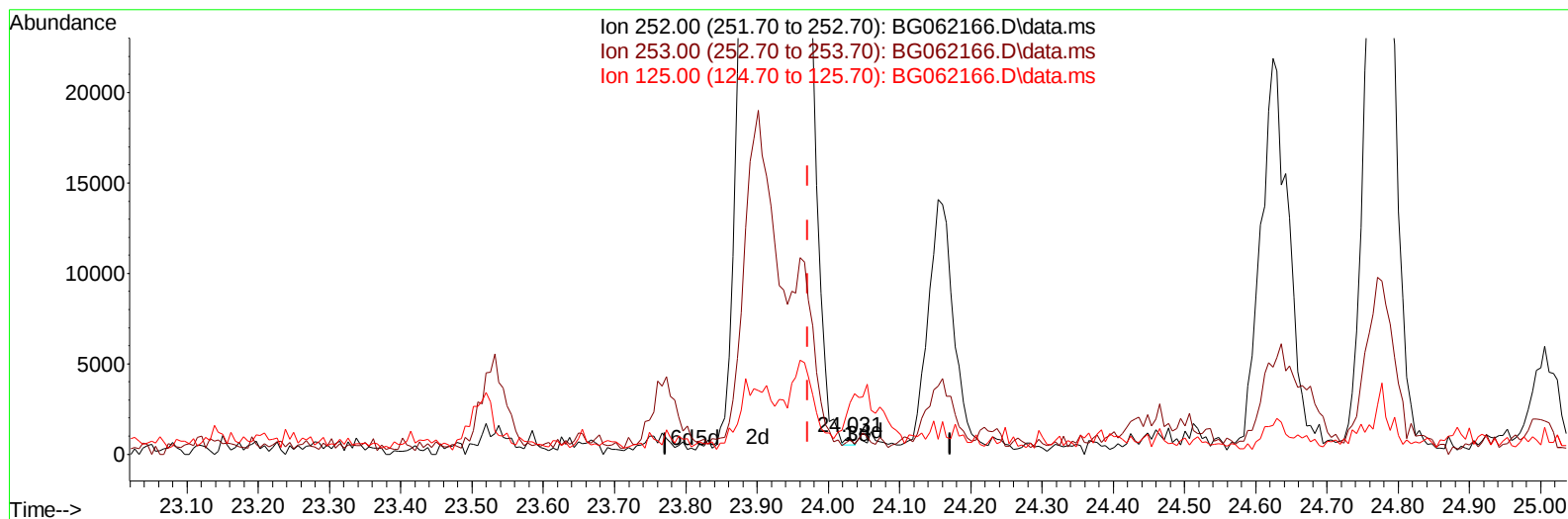
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062166.D
Acq On : 22 Jul 2024 18:16
Operator : MA/JU
Sample : P3263-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
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Manual IntegrationsAPPROVED

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TIC: BG062166.D\data.ms

(91) Benzo(k)fluoranthene

24.031min (+ 0.059) 0.01 ng/u1

response 290

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	84.91#
125.00	3.40	301.70#
0.00	0.00	0.00

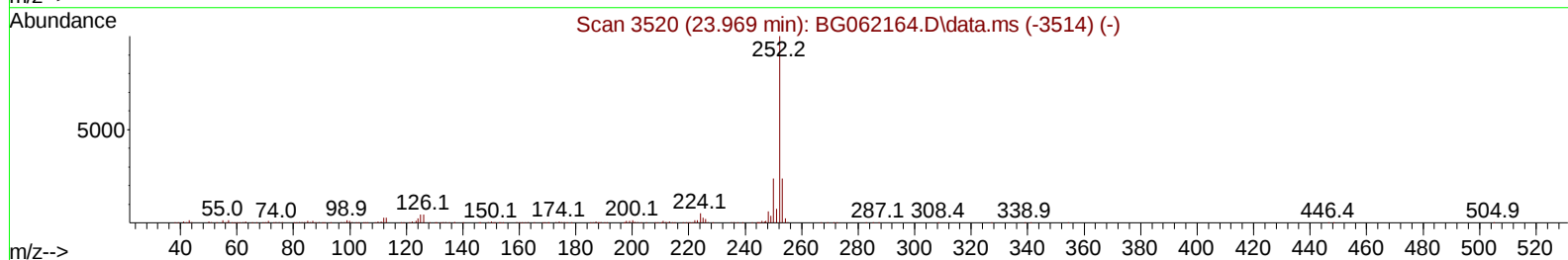
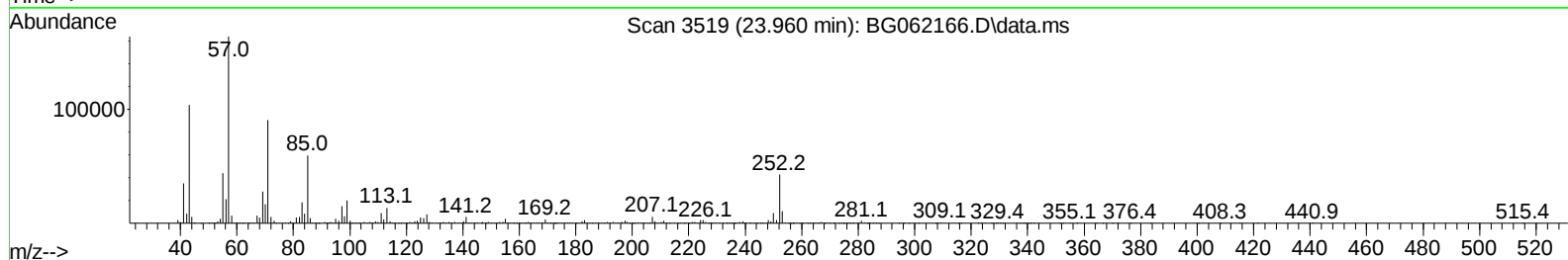
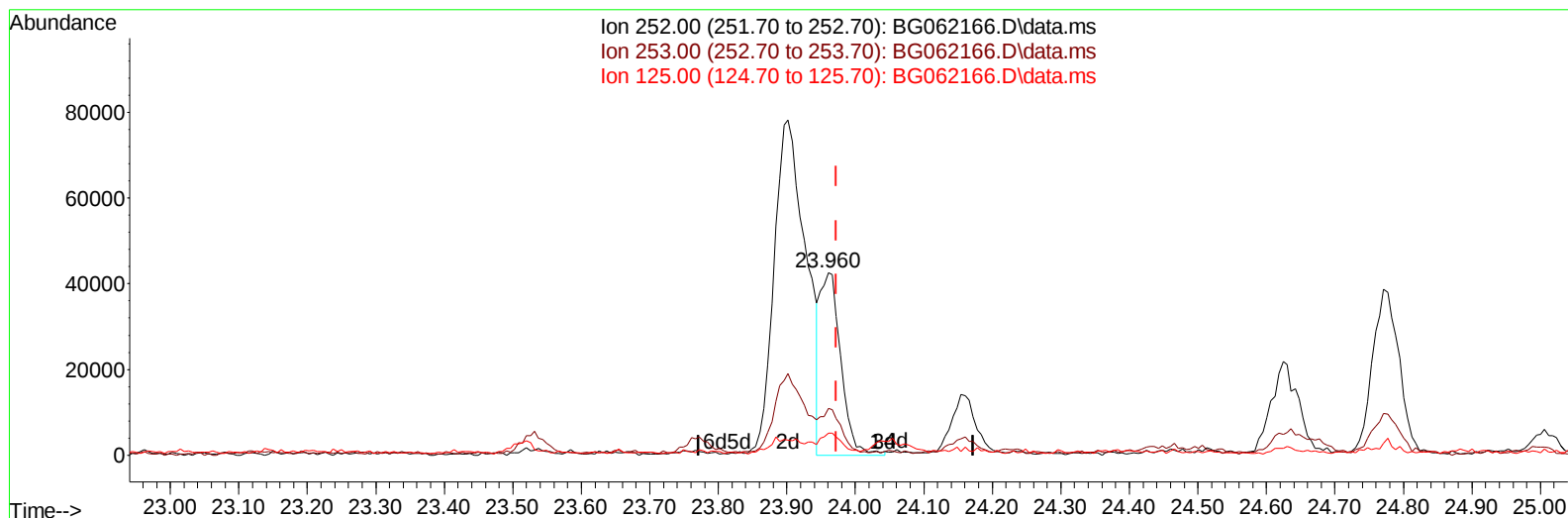
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062166.D
Acq On : 22 Jul 2024 18:16
Operator : MA/JU
Sample : P3263-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CK8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:12:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062166.D\data.ms

(91) Benzo(k)fluoranthene

23.960min (-0.012) 3.67 ng/u1 m

response 90162

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	25.51
125.00	3.40	12.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
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 Acq On : 22 Jul 2024 18:16
 Operator : MA/JU
 Sample : P3263-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

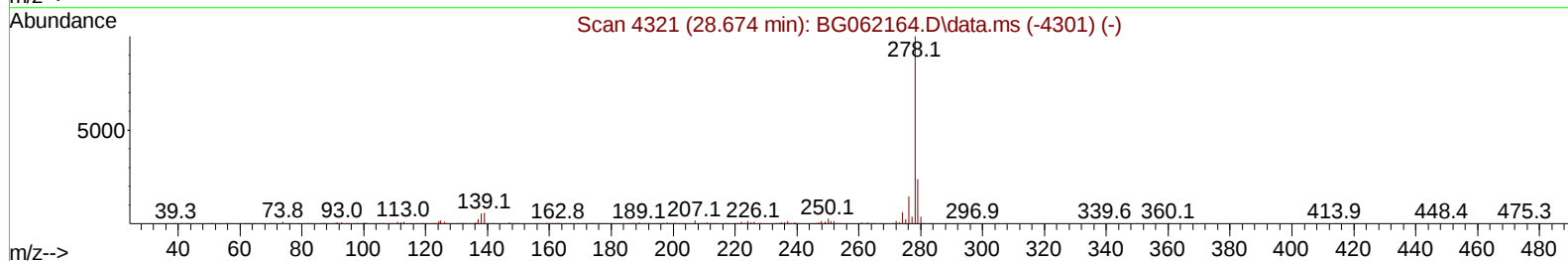
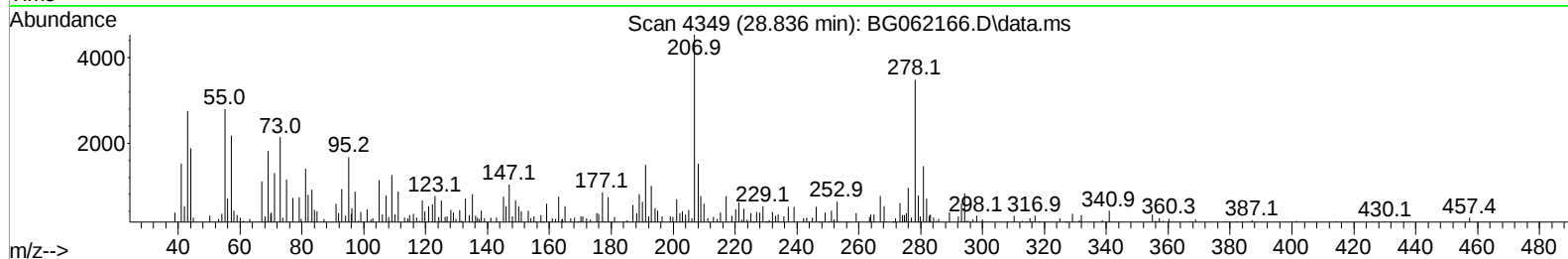
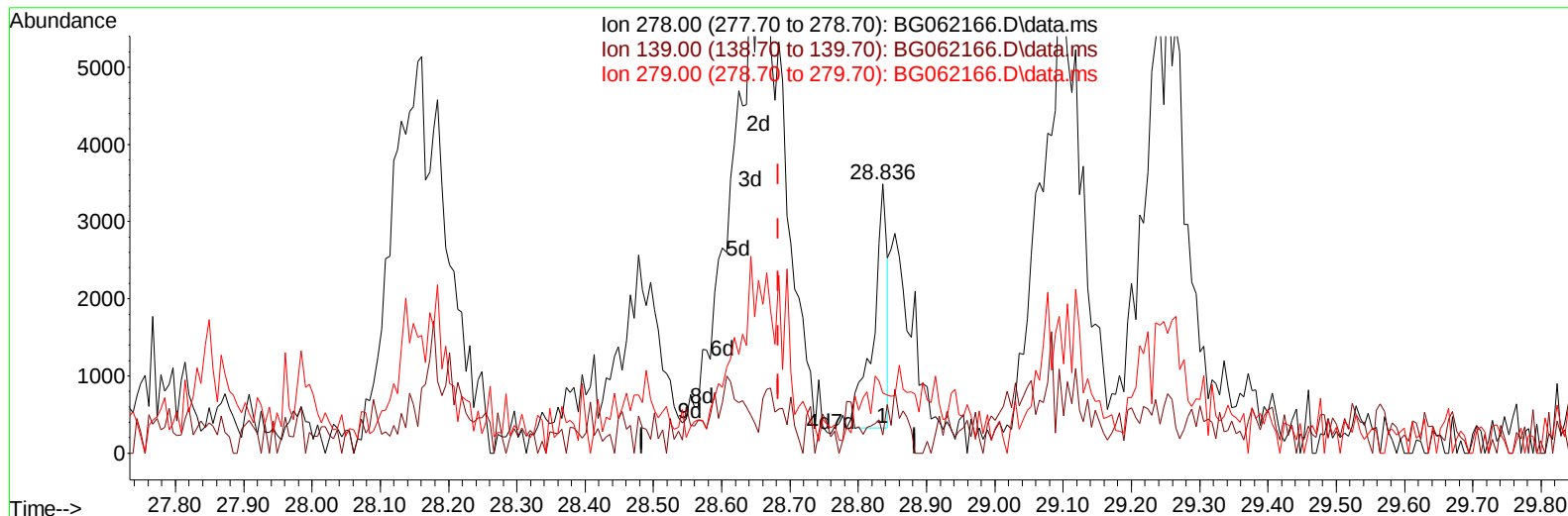
ClientSampleId :

A4CK8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:16:51 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 :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062166.D\data.ms

(95) Dibenzo(a,h)anthracene

28.836min (+ 0.153) 0.20 ng/u1

response 4427

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	6.74
279.00	23.60	22.17
0.00	0.00	0.00

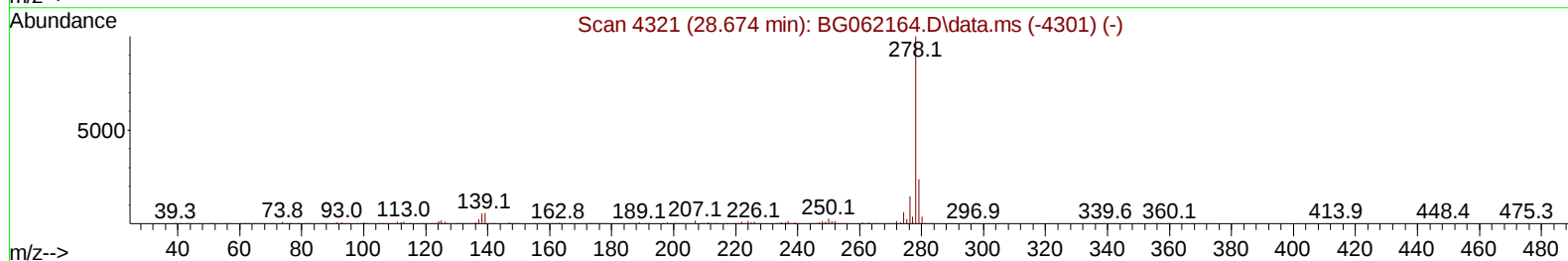
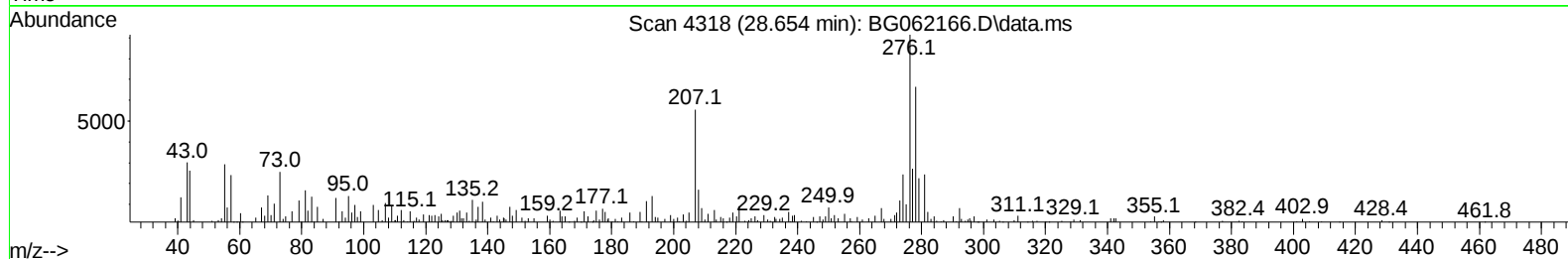
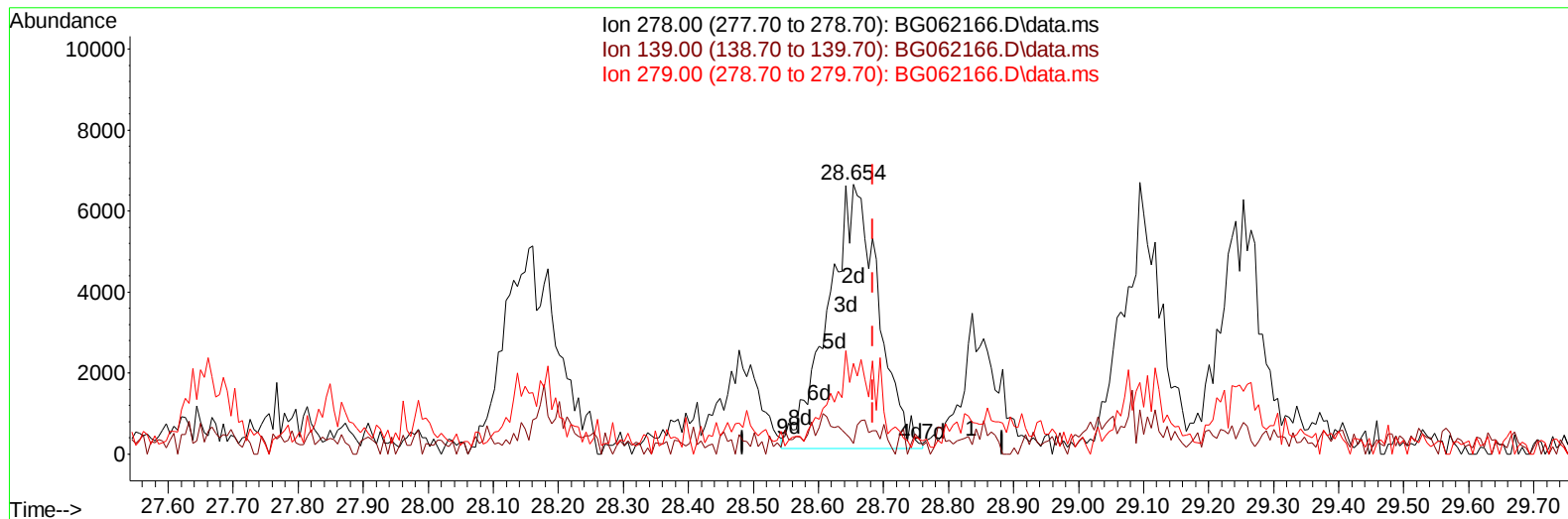
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062166.D
Acq On : 22 Jul 2024 18:16
Operator : MA/JU
Sample : P3263-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CK8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:16:51 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 :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062166.D\data.ms

(95) Dibenzo(a,h)anthracene

28.654min (-0.029) 1.59 ng/ul m

response 35054

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	3.98#
279.00	23.60	33.68#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062166.D
 Acq On : 22 Jul 2024 18:16
 Operator : MA/JU
 Sample : P3263-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CK8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:17:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152		43363	20.000	ng/ul	0.00
20) Naphthalene-d8	10.878	136		183268	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.691	164		151107	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.440	188		392362	20.000	ng/ul	0.00
79) Chrysene-d12	21.699	240		386079	20.000	ng/ul	0.00
88) Perylene-d12	24.936	264		398840	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.459	96		4000m	4.307	ng/uL	0.00
4) Pyridine-d5	3.864	84		405	0.120	ng/ul	-0.01
7) Phenol-d5	7.236	99		84634	19.825	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67		48045	19.588	ng/ul	0.00
11) 2-Chlorophenol-d4	7.594	132		54530	20.269	ng/ul	-0.01
15) 4-Methylphenol-d8	8.781	113		66122	20.338	ng/ul	0.00
21) Nitrobenzene-d5	9.233	128		28654	19.624	ng/ul	0.00
24) 2-Nitrophenol-d4	9.956	143		34769	19.784	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.502	165		78481	21.333	ng/ul	0.00
31) 4-Chloroaniline-d4	11.019	131		9505m	2.148	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166		258496	20.182	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160		283819	21.854	ng/ul	0.00
54) 4-Nitrophenol-d4	14.914	143		27120	17.571	ng/ul	0.00
60) Fluorene-d10	15.683	176		226292	20.751	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.801	200		44077	17.677	ng/ul	-0.01
73) Anthracene-d10	17.534	188		382767	20.884	ng/ul	0.00
81) Pyrene-d10	19.819	212		410284	18.743	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.706	264		290953	14.593	ng/ul	-0.01
Target Compounds							
						Qvalue	
6) Benzaldehyde	7.207	77		4679	2.088	ng/ul	90
52) Acenaphthene	14.761	153		9957	1.059	ng/ul	95
56) Dibenzofuran	15.090	168		19605	1.385	ng/ul	97
61) Fluorene	15.736	166		15963	1.315	ng/ul#	87
72) Phenanthrene	17.481	178		258958	13.715	ng/ul	96
74) Anthracene	17.569	178		47253	2.431	ng/ul	93
77) Carbazole	17.839	167		22291	1.349	ng/ul#	84
78) Di-n-butylphthalate	18.380	149		28598	1.509	ng/ul	98
80) Fluoranthene	19.484	202		422563	16.827	ng/ul	99
82) Pyrene	19.848	202		306161	11.726	ng/ul	98
85) Benzo(a)anthracene	21.681	228		206760	7.630	ng/ul	96
87) Chrysene	21.740	228		204312	8.201	ng/ul	98
90) Benzo(b)fluoranthene	23.902	252		249152	10.111	ng/ul	95
91) Benzo(k)fluoranthene	23.960	252		90162m	3.666	ng/ul	
93) Benzo(a)pyrene	24.771	252		100185	4.341	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.613	276		98191	3.703	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.654	278		35054m	1.594	ng/ul	

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

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