

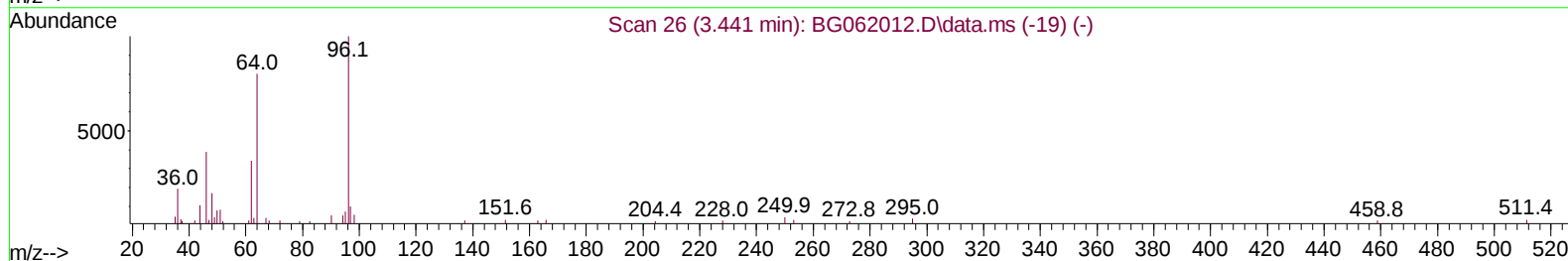
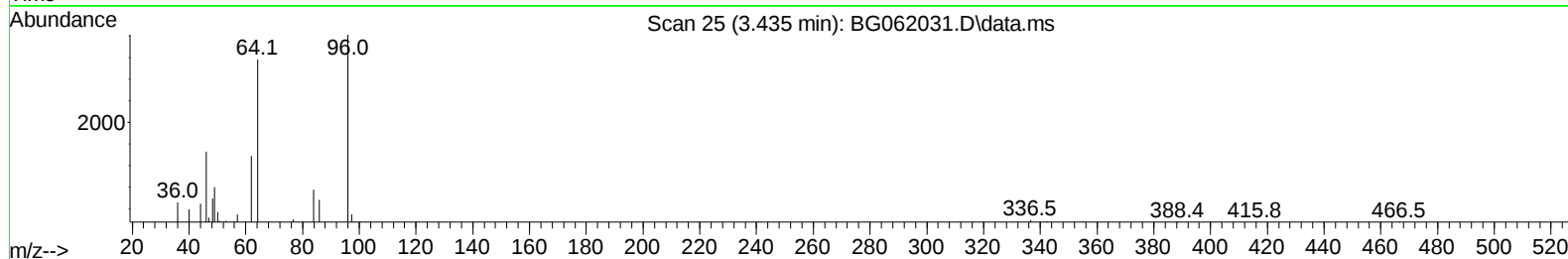
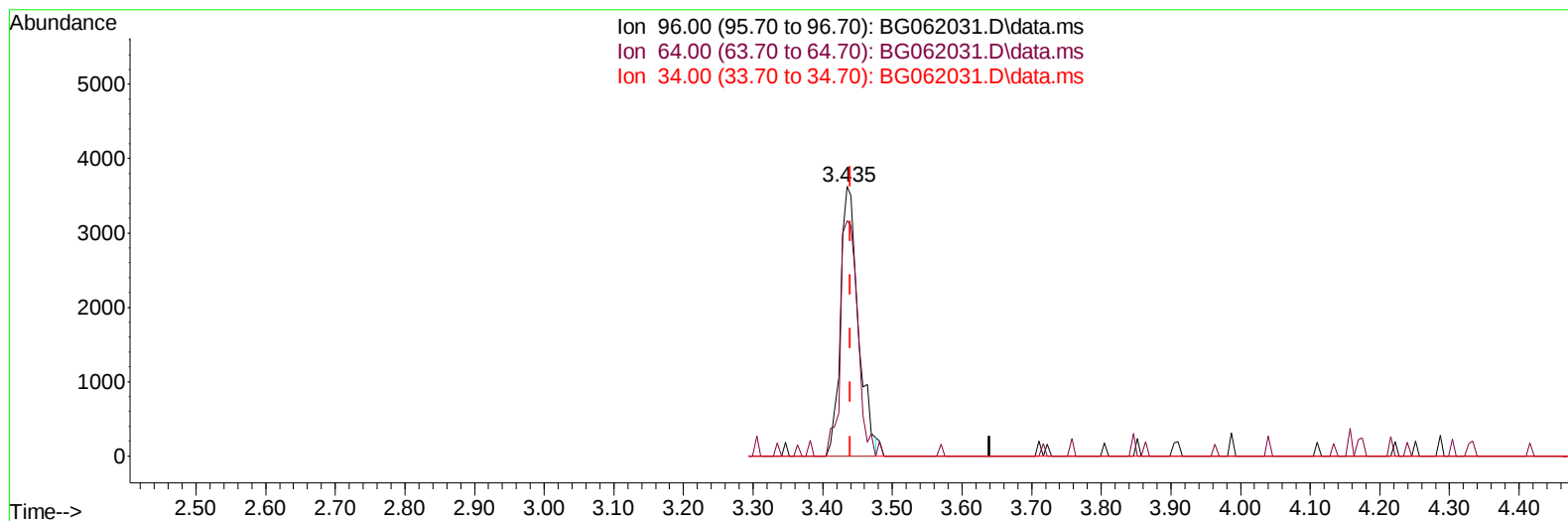
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062031.D
Acq On : 12 Jul 2024 6:40
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

Quant Time: Jul 12 09:12:24 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



TIC: BG062031.D\data.ms

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

3.435min (-0.006) 4.25 ng/uL

response 6475

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	87.37
34.00	0.00	0.00
0.00	0.00	0.00

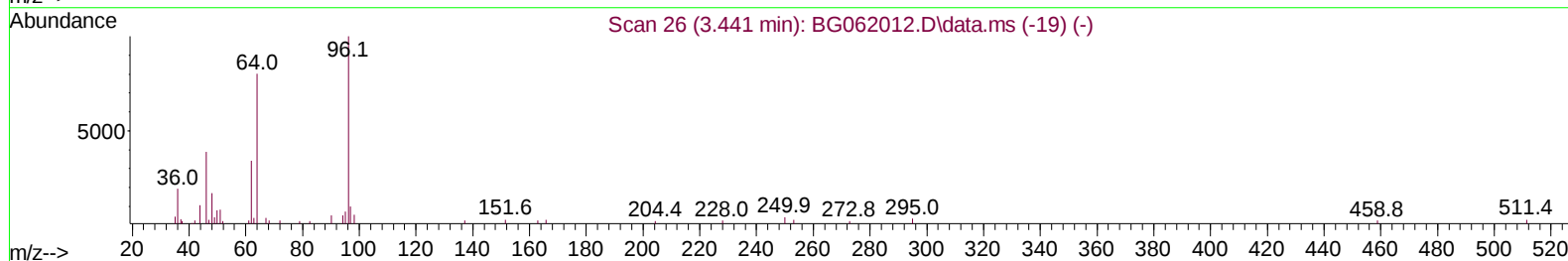
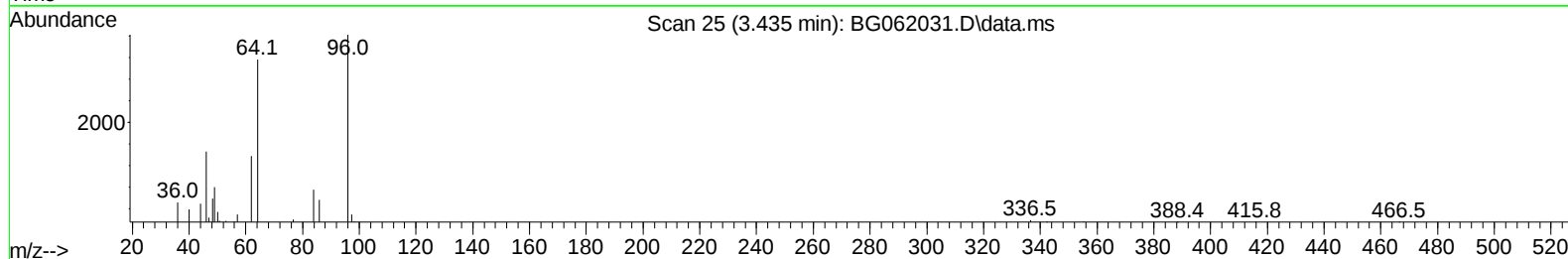
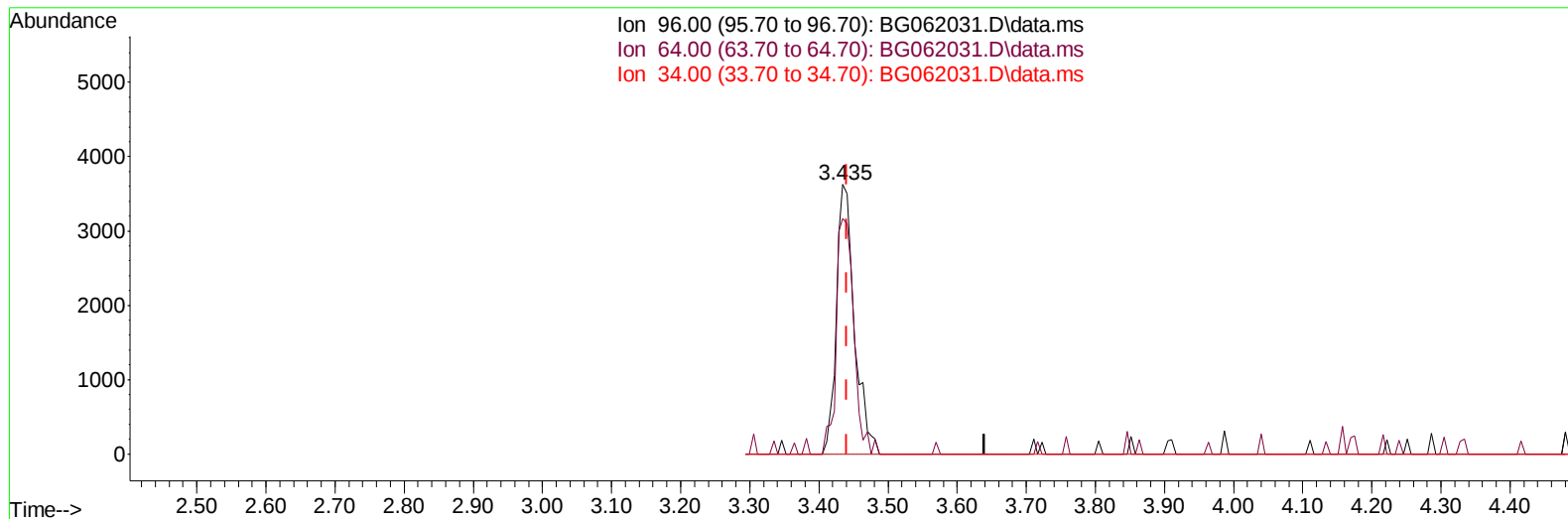
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062031.D
Acq On : 12 Jul 2024 6:40
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:12:24 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 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062031.D\data.ms

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

3.435min (-0.006) 4.30 ng/uL m

response 6547

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	87.37
34.00	0.00	0.00
0.00	0.00	0.00

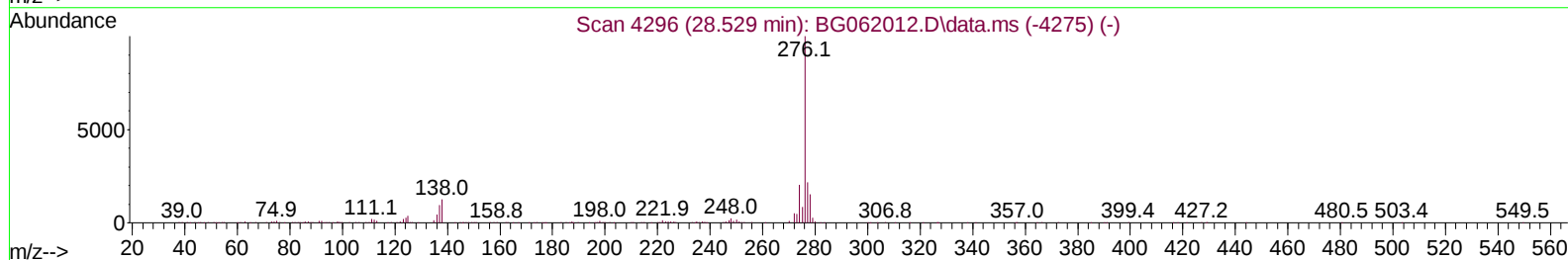
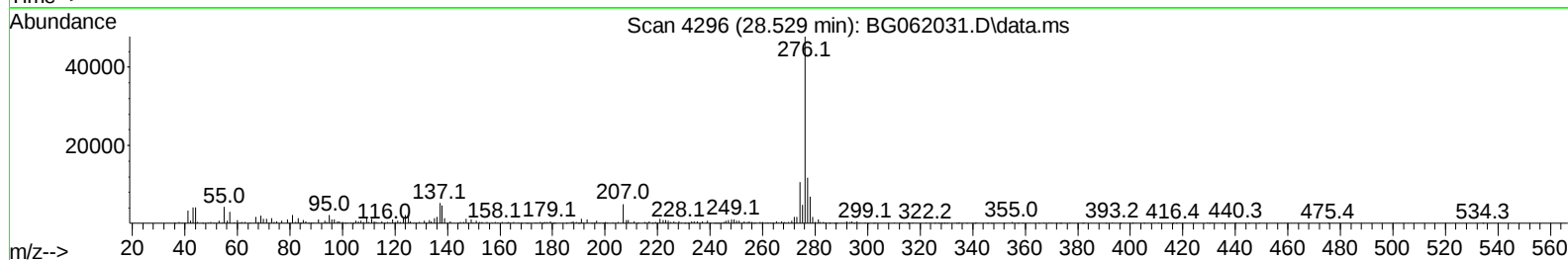
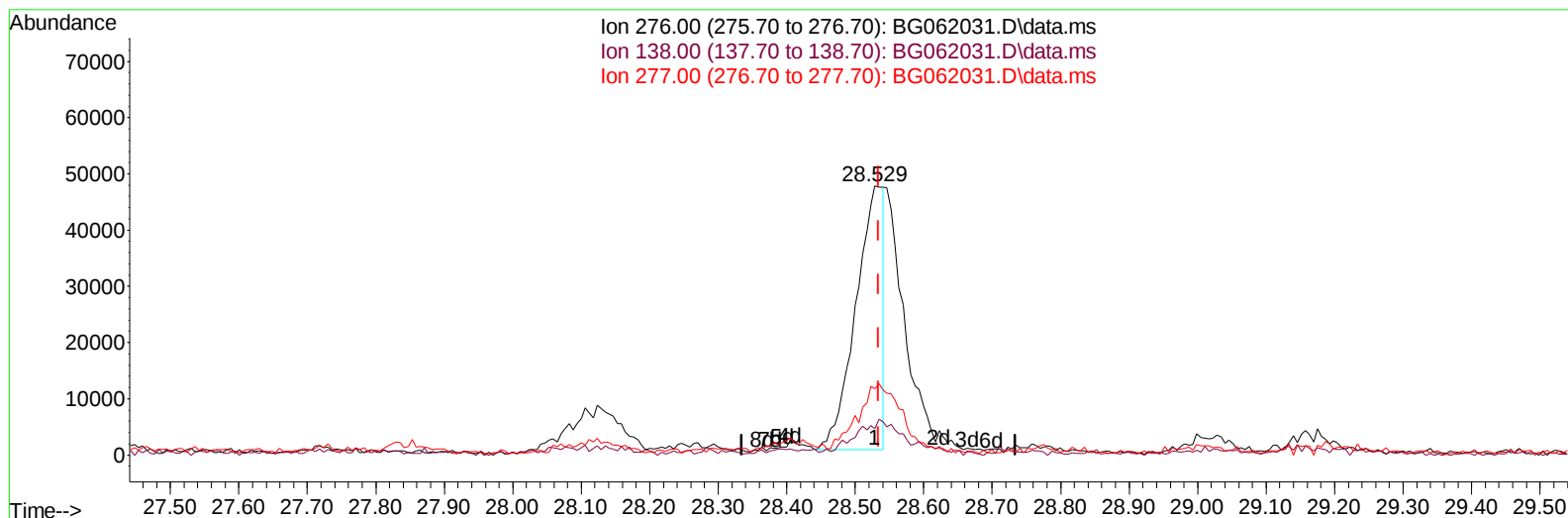
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062031.D
Acq On : 12 Jul 2024 6:40
Operator : MA/JU
Sample : P3124-01
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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QLast Update : Thu Jul 11 12:11:32 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062031.D\data.ms

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

28.529min (-0.006) 4.08 ng/u1

response 131320

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	9.71#
277.00	24.10	24.60
0.00	0.00	0.00

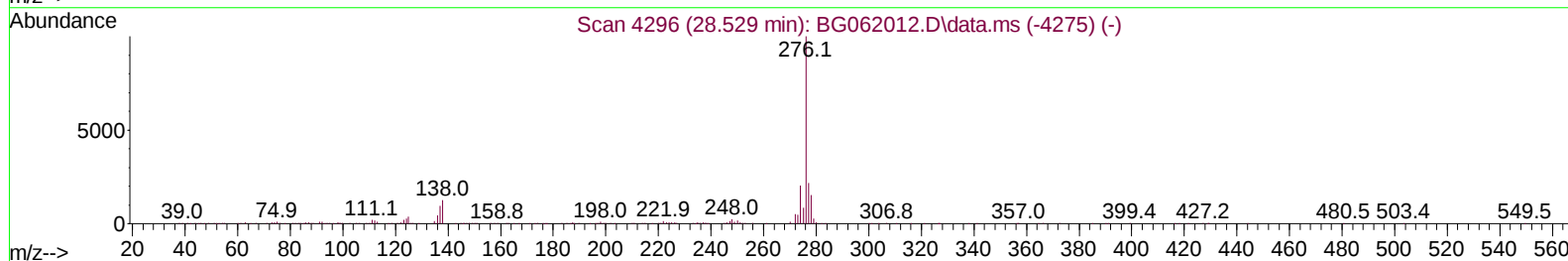
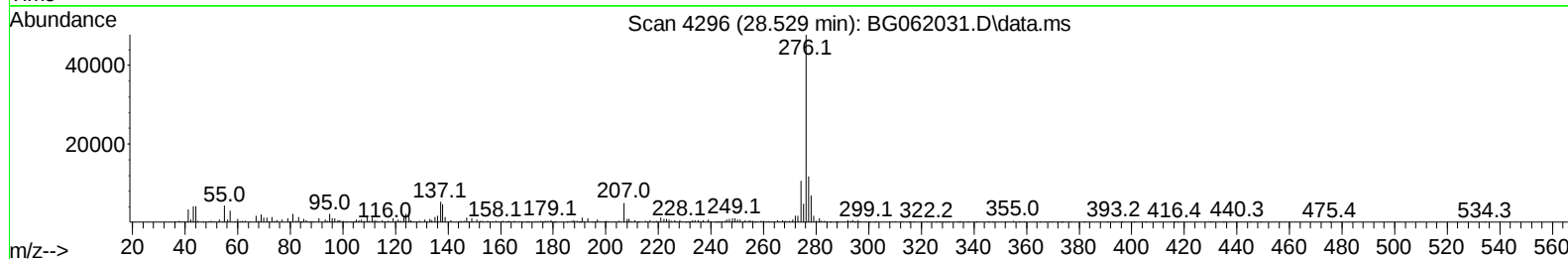
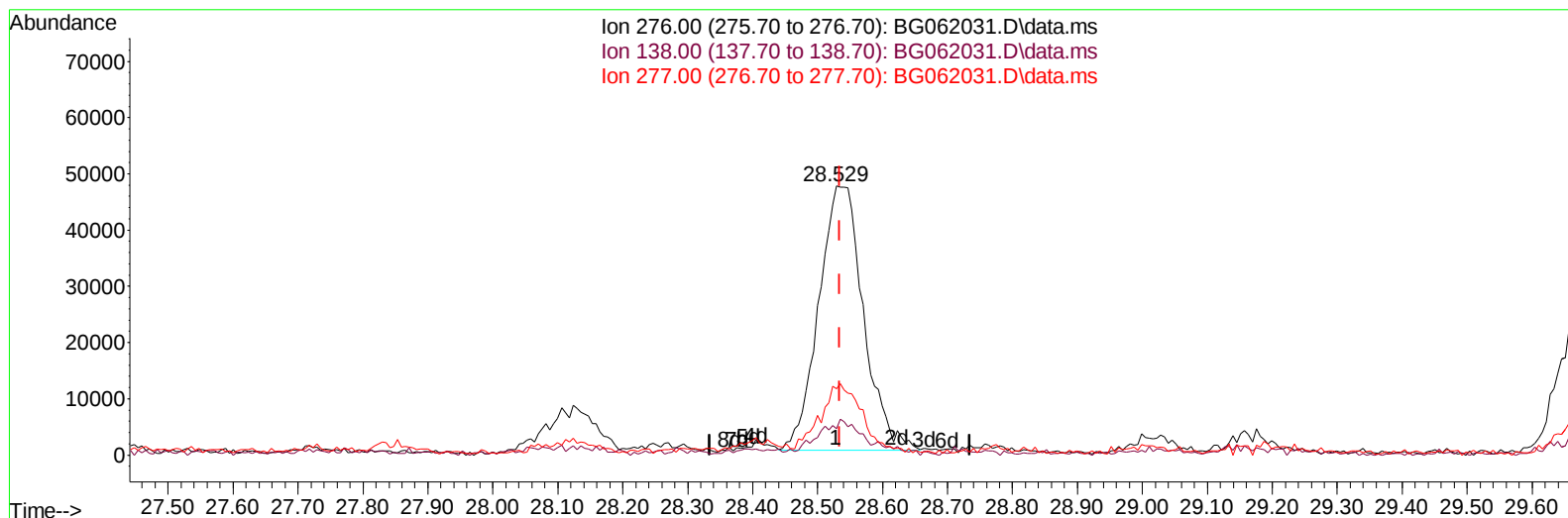
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062031.D
Acq On : 12 Jul 2024 6:40
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:16:48 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 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062031.D\data.ms

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

28.529min (-0.006) 6.99 ng/u1 m

response 224979

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	9.71#
277.00	24.10	24.60
0.00	0.00	0.00

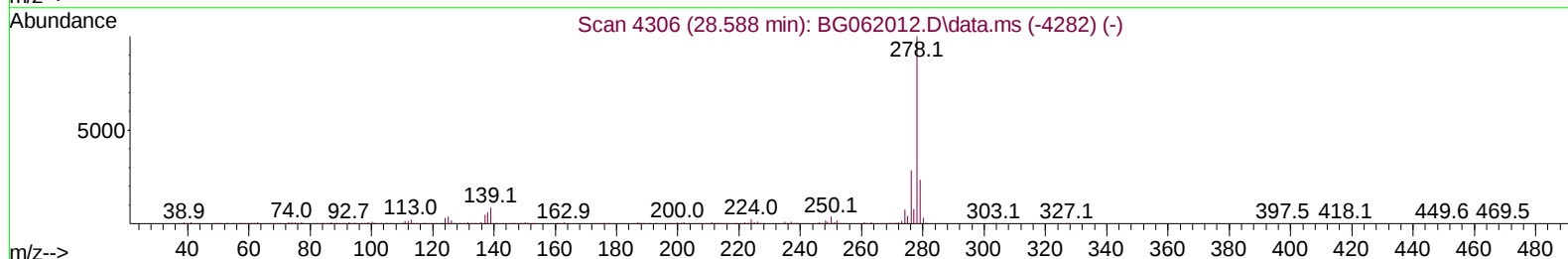
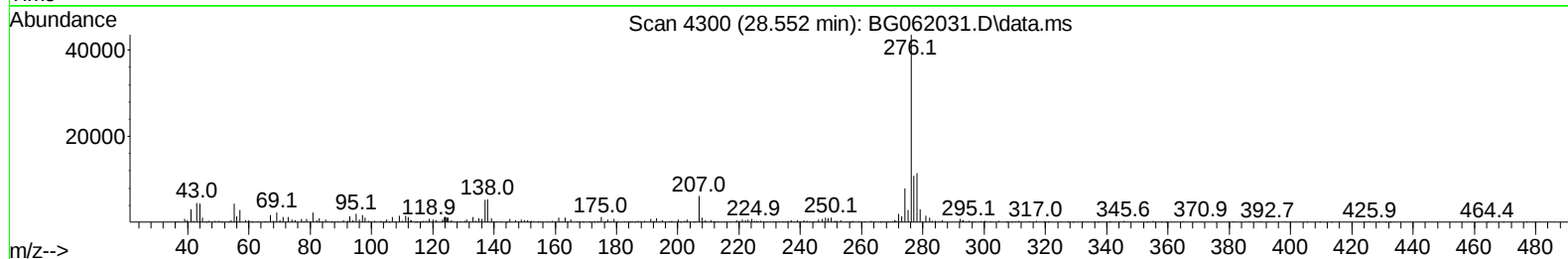
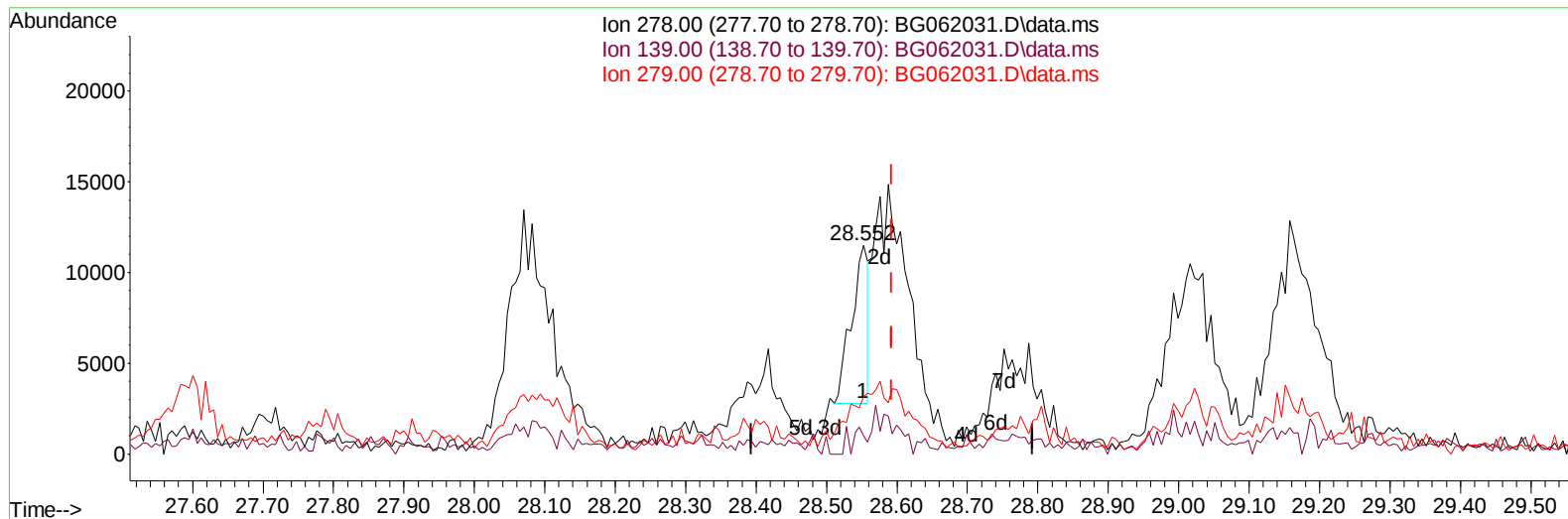
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062031.D
Acq On : 12 Jul 2024 6:40
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:16:48 2024
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QLast Update : Thu Jul 11 12:11:32 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062031.D\data.ms

(95) Dibenzo(a,h)anthracene

28.552min (-0.041) 0.54 ng/u1

response 14250

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	8.81
279.00	23.50	27.37
0.00	0.00	0.00

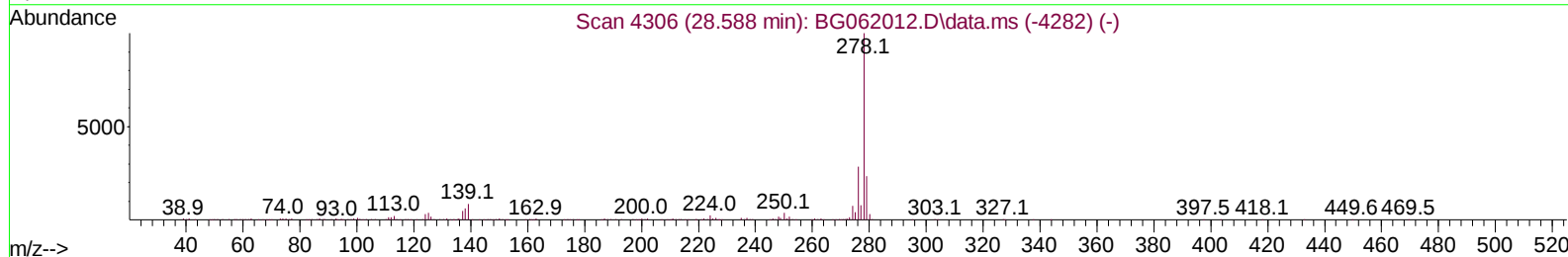
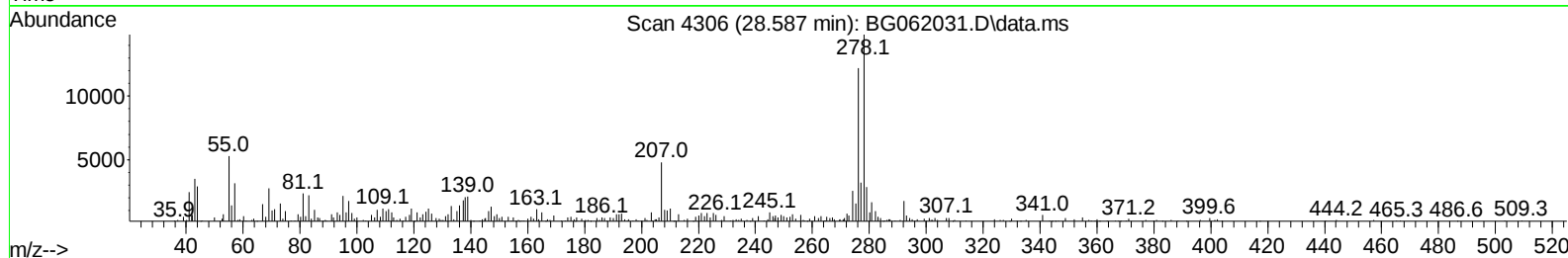
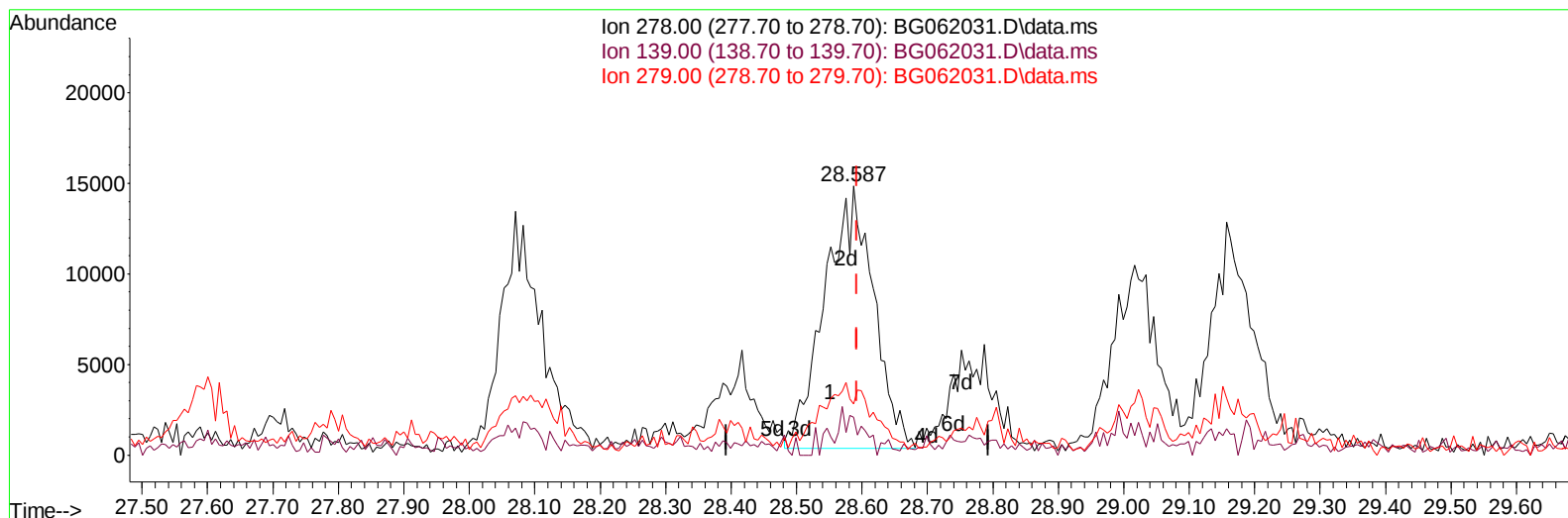
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062031.D
 Acq On : 12 Jul 2024 6:40
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:16:48 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 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



TIC: BG062031.D\data.ms

(95) Dibenzo(a,h)anthracene

28.587min (-0.006) 2.82 ng/ul m

response 75088

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	14.09#
279.00	23.50	19.07
0.00	0.00	0.00

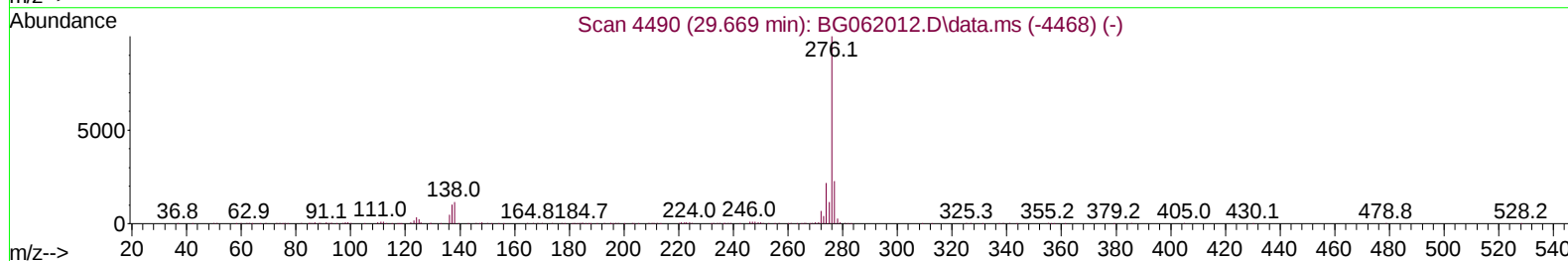
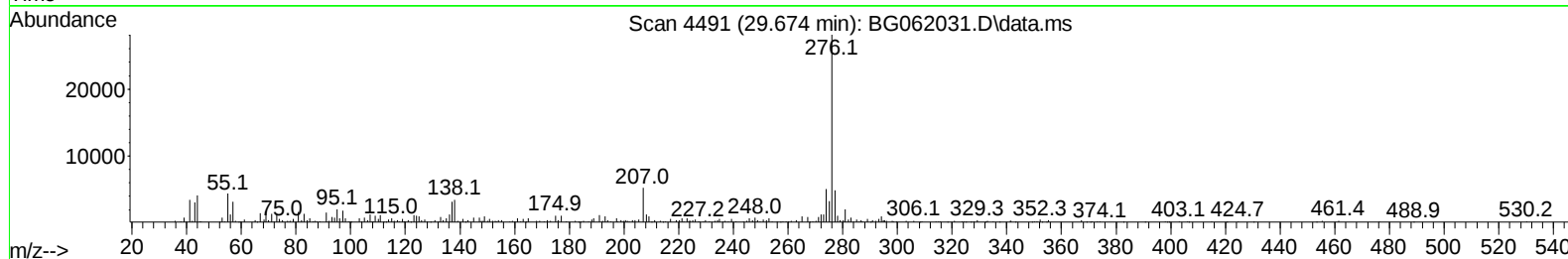
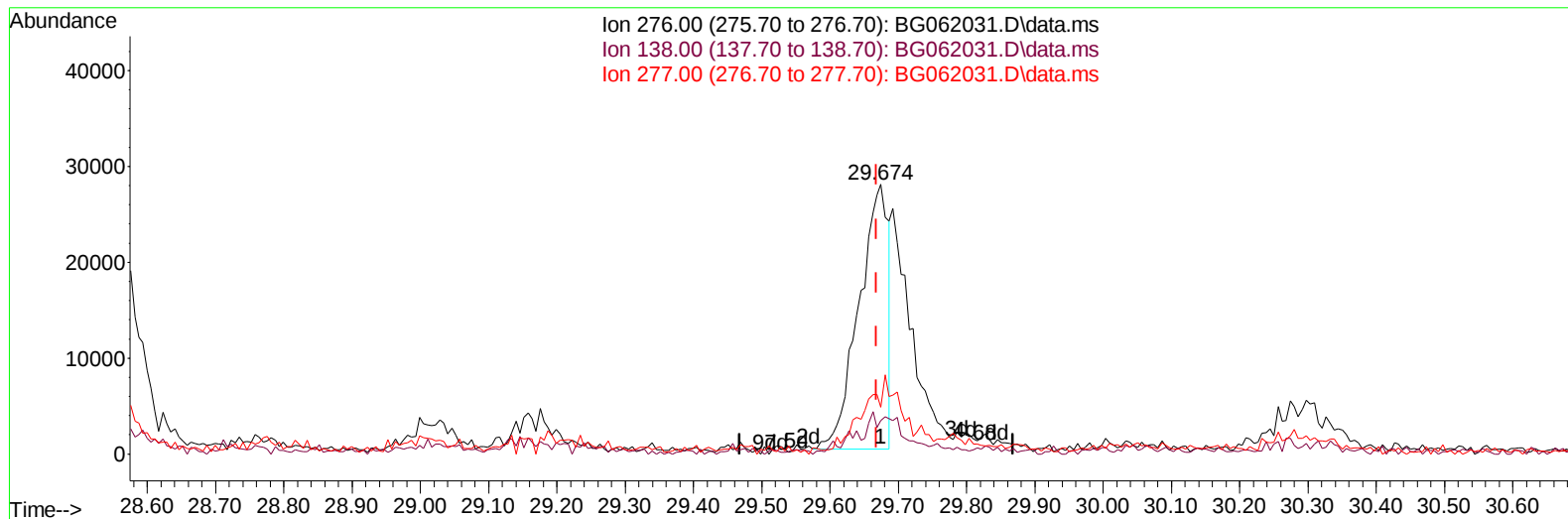
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062031.D
Acq On : 12 Jul 2024 6:40
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:16:48 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 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062031.D\data.ms

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

29.674min (+ 0.006) 3.22 ng/u1

response 82377

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	12.35
277.00	23.50	17.32#
0.00	0.00	0.00

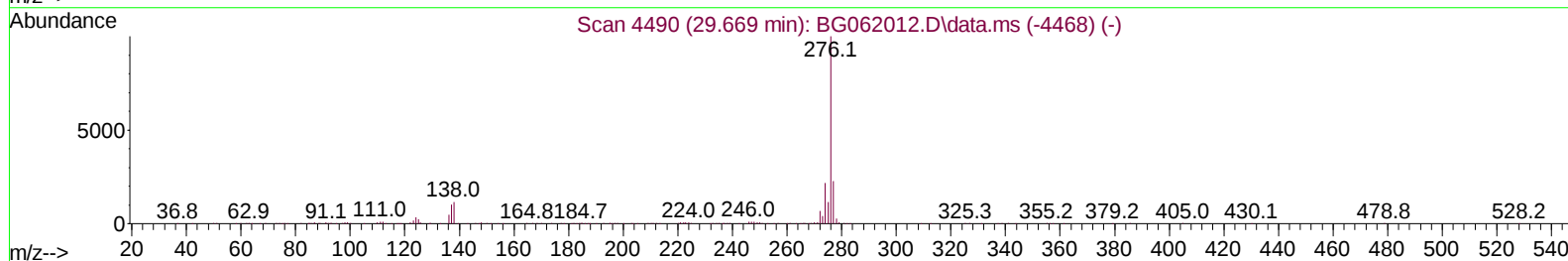
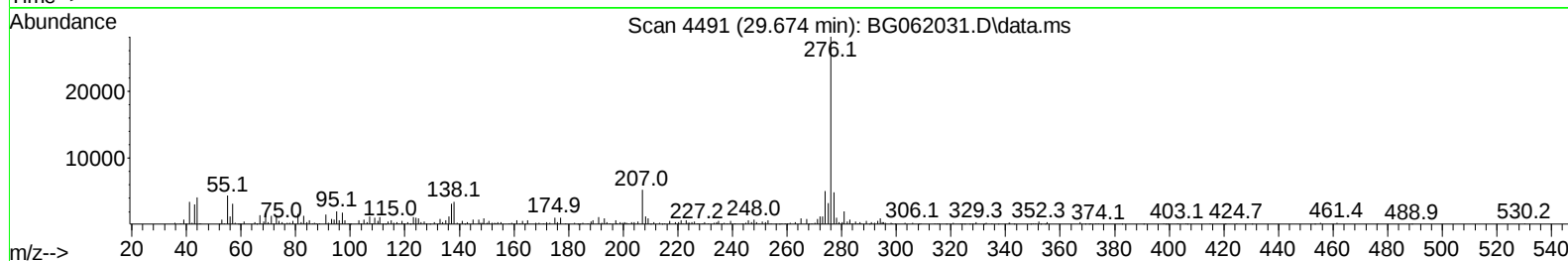
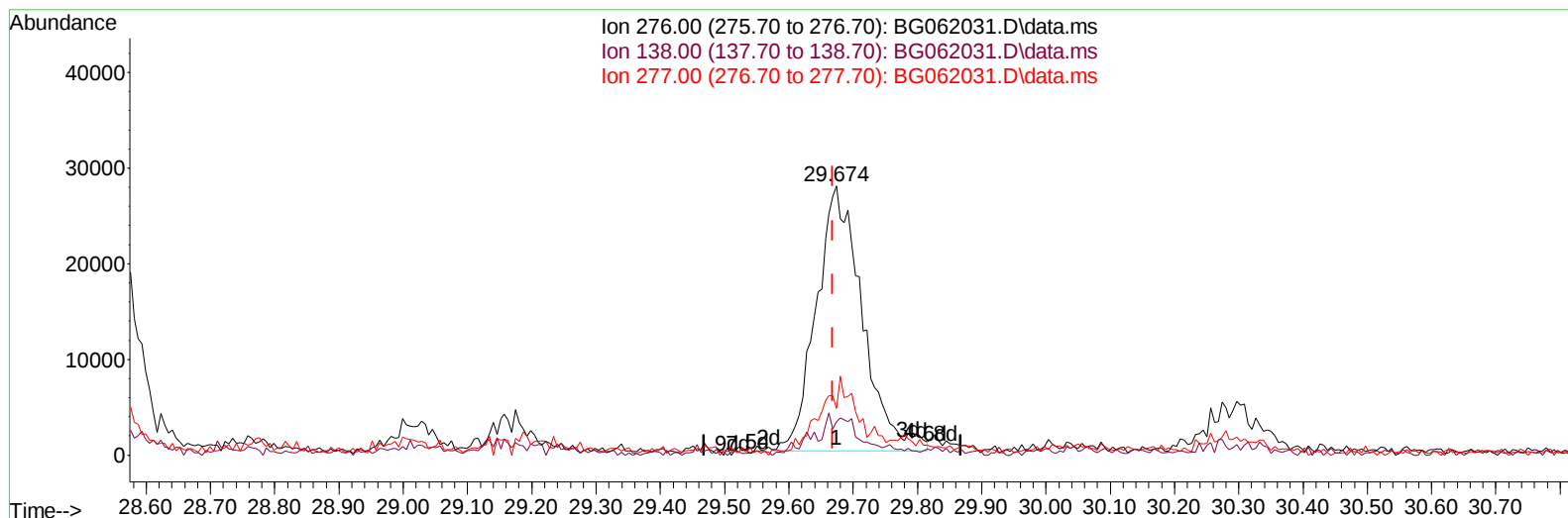
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062031.D
Acq On : 12 Jul 2024 6:40
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:19:07 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 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062031.D\data.ms

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

29.674min (+ 0.006) 5.38 ng/ul m

response 137836

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	12.35
277.00	23.50	17.32#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062031.D
 Acq On : 12 Jul 2024 6:40
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:33:16 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	57189	20.000	ng/ul	0.00
20) Naphthalene-d8	10.849	136	265026	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.668	164	179517	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.412	188	405908	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.672	240	355936	20.000	ng/ul	0.00
88) Perylene-d12	24.886	264	422372	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	6547m	4.302	ng/uL	0.00
4) Pyridine-d5	3.858	84	37647	8.045	ng/ul	0.00
7) Phenol-d5	7.195	99	176985	28.279	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	100895	25.457	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	123861	28.852	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	131559	26.698	ng/ul	0.00
21) Nitrobenzene-d5	9.204	128	59004	29.273	ng/ul	0.00
24) 2-Nitrophenol-d4	9.927	143	70999	30.845	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.467	165	146969	33.103	ng/ul	0.00
31) 4-Chloroaniline-d4	10.985	131	66796	10.363	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	465272	31.525	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	492542	31.916	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	73875	31.344	ng/ul	0.00
60) Fluorene-d10	15.661	176	413086	33.248	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.773	200	73085	34.284	ng/ul	0.00
73) Anthracene-d10	17.512	188	686400	36.219	ng/ul	0.00
81) Pyrene-d10	19.798	212	662277	31.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.663	264	601309	28.705	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.459	178	329507	15.396	ng/ul	97
74) Anthracene	17.547	178	55764	2.521	ng/ul	97
77) Carbazole	17.818	167	32836	1.764	ng/ul	96
80) Fluoranthene	19.463	202	784617	31.668	ng/ul#	95
82) Pyrene	19.827	202	544769	21.286	ng/ul#	93
85) Benzo(a)anthracene	21.654	228	351121	13.625	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.549	149	150882	9.789	ng/ul#	98
87) Chrysene	21.719	228	398600	16.522	ng/ul	98
90) Benzo(b)fluoranthene	23.869	252	584332	21.958	ng/ul	96
91) Benzo(k)fluoranthene	23.916	252	180738m	6.811	ng/ul	
93) Benzo(a)pyrene	24.727	252	249911	9.918	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.529	276	224979m	6.987	ng/ul	
95) Dibenzo(a,h)anthracene	28.587	278	75088m	2.823	ng/ul	
96) Benzo(g,h,i)perylene	29.674	276	137836m	5.380	ng/ul	

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

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Manual IntegrationsAPPROVED

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