

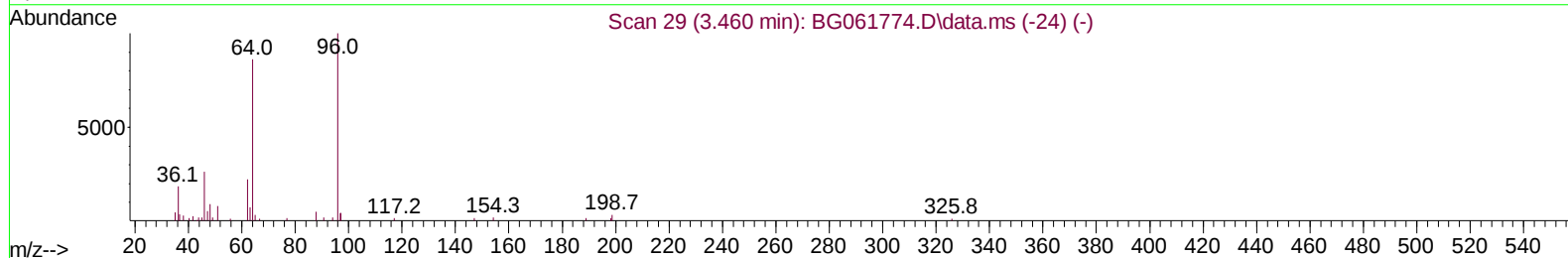
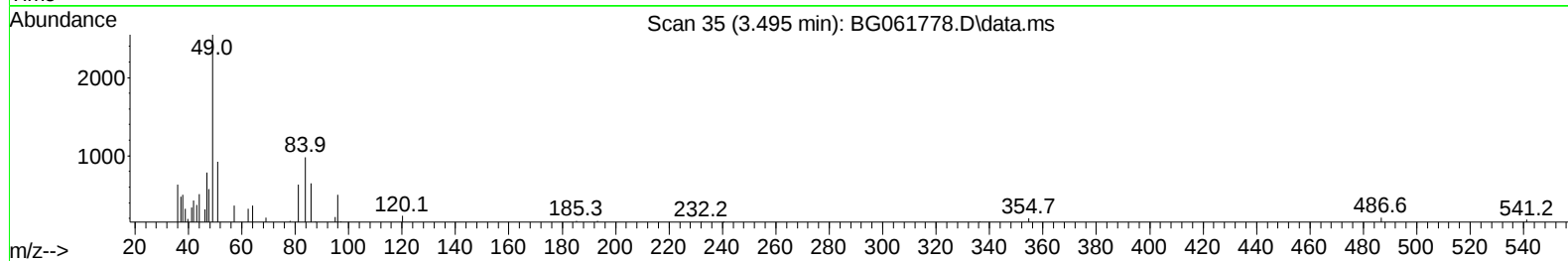
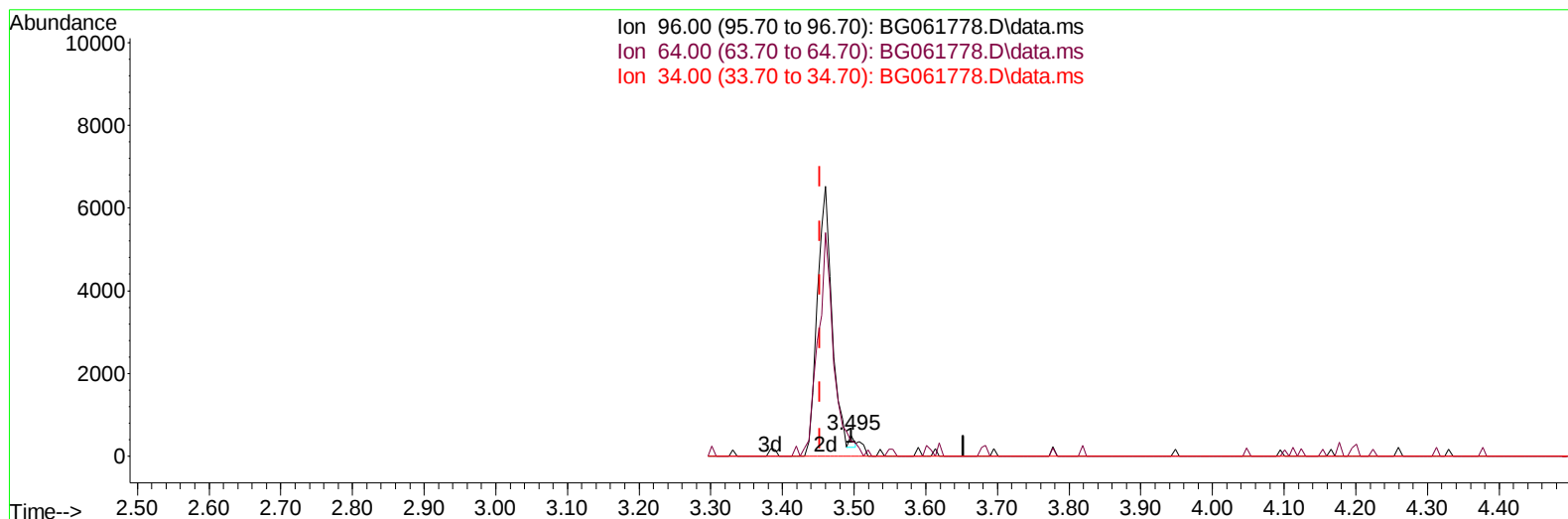
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061778.D
Acq On : 28 Jun 2024 19:02
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:09:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061778.D\data.ms

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

3.495min (+ 0.043) 0.06 ng/uL

response 139

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	65.50	71.68
34.00	0.00	0.00
0.00	0.00	0.00

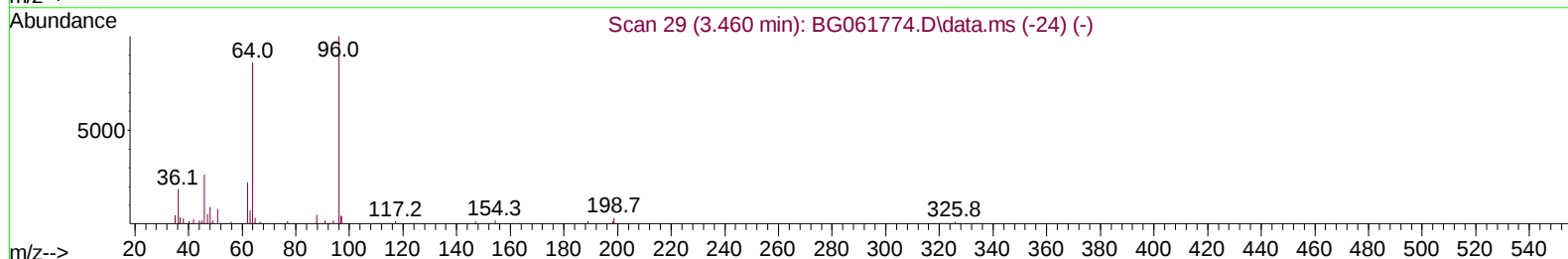
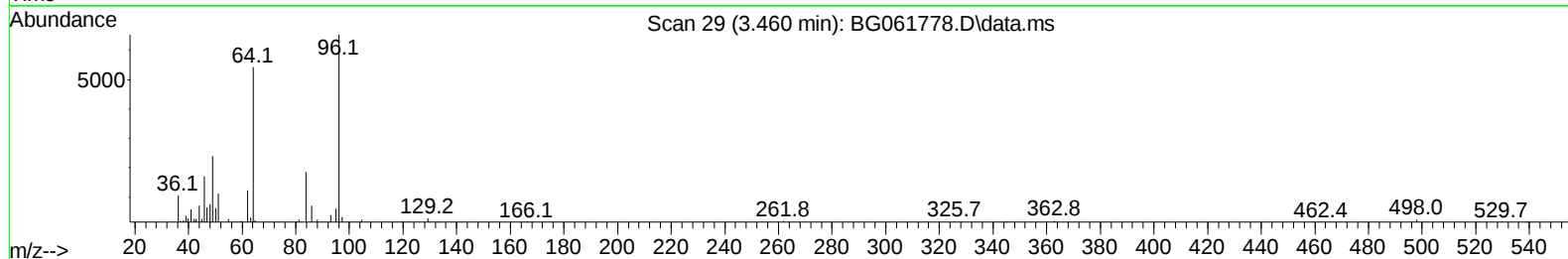
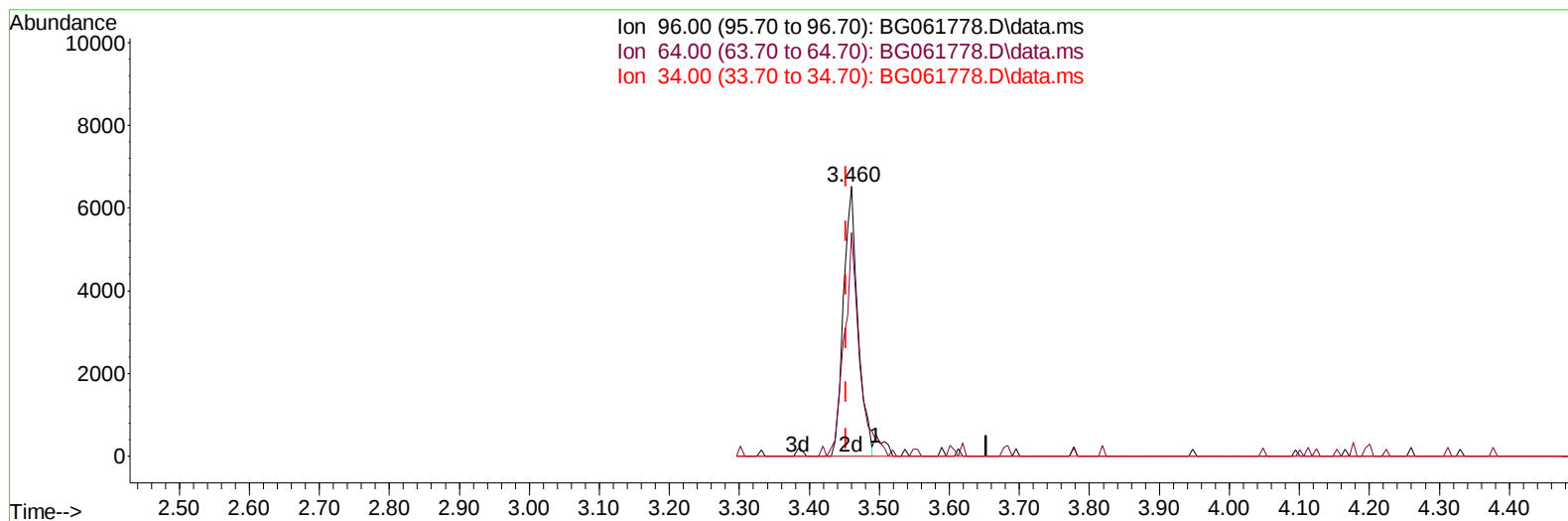
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061778.D
Acq On : 28 Jun 2024 19:02
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:09:11 2024
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TIC: BG061778.D\data.ms

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

3.460min (+ 0.007) 4.11 ng/uL m

response 9487

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	65.50	82.97#
34.00	0.00	0.00
0.00	0.00	0.00

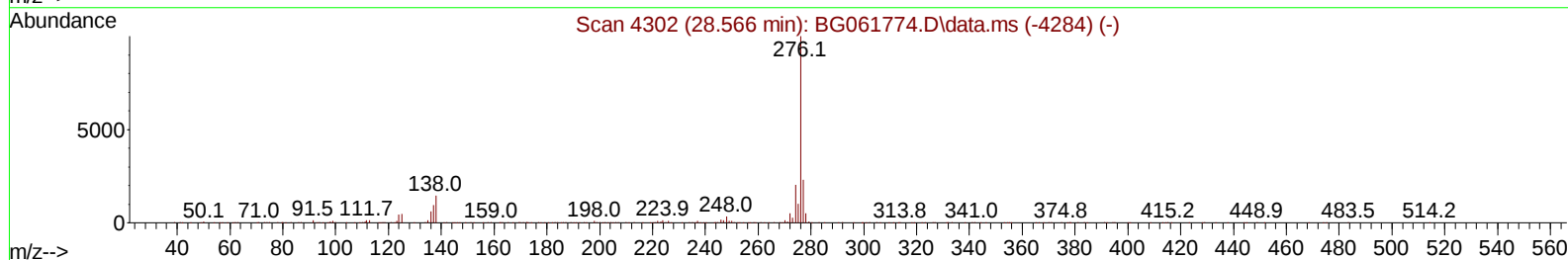
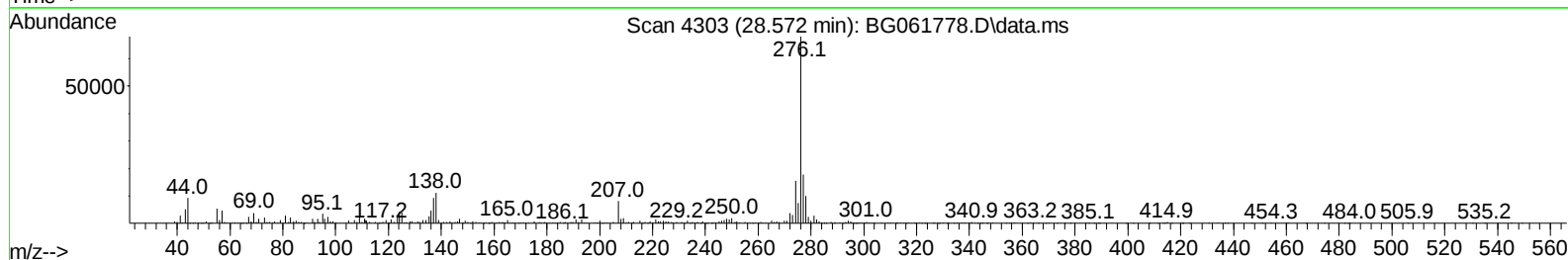
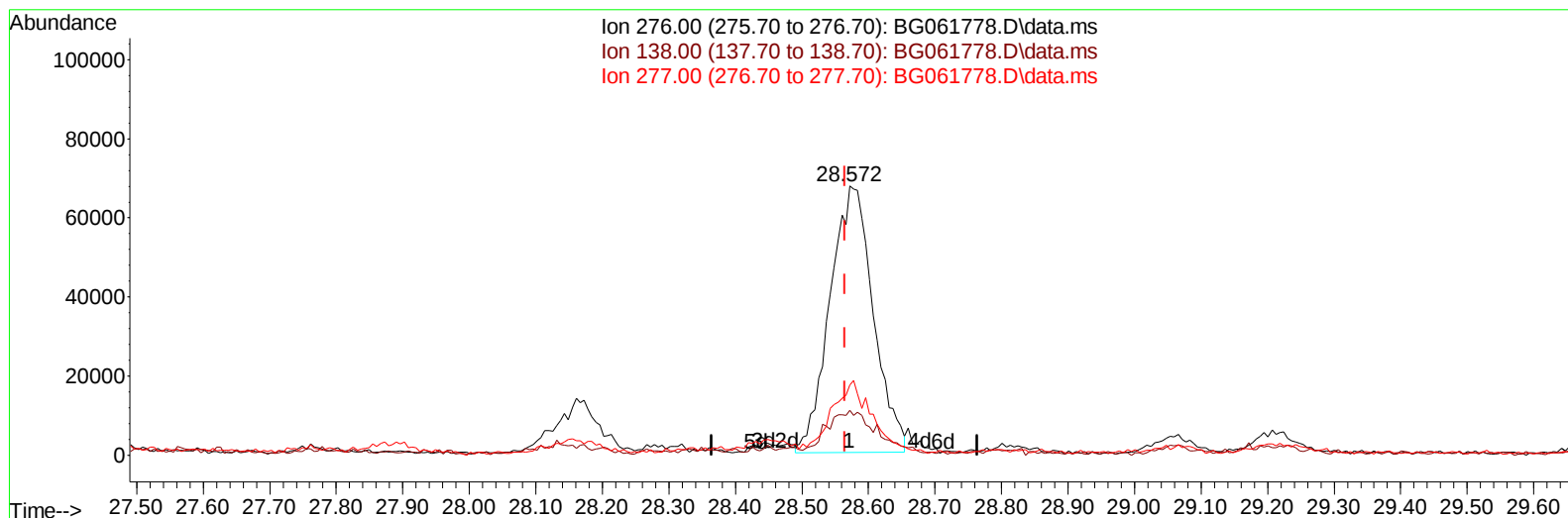
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061778.D
Acq On : 28 Jun 2024 19:02
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:29:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
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Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061778.D\data.ms

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

28.572min (+ 0.007) 9.02 ng/u1

response 304804

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	16.62
277.00	24.60	26.16
0.00	0.00	0.00

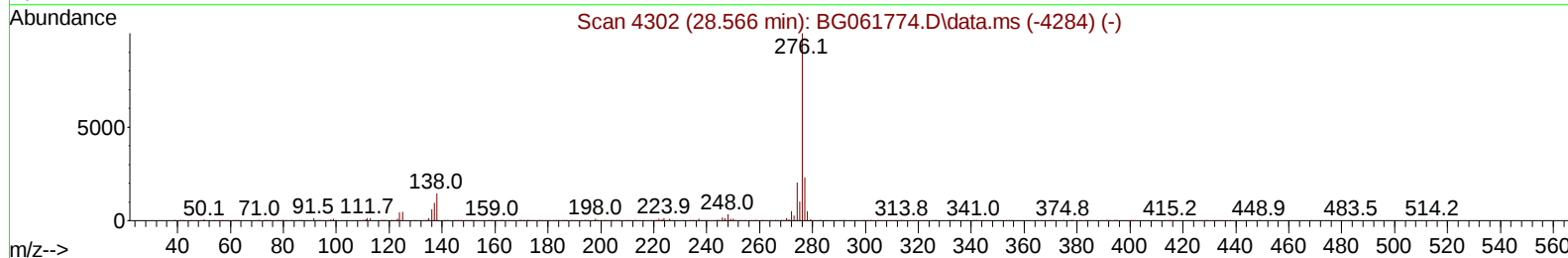
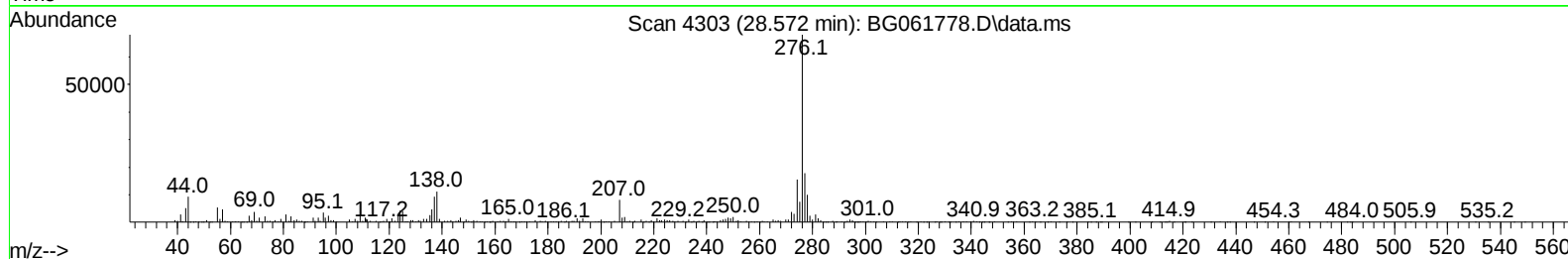
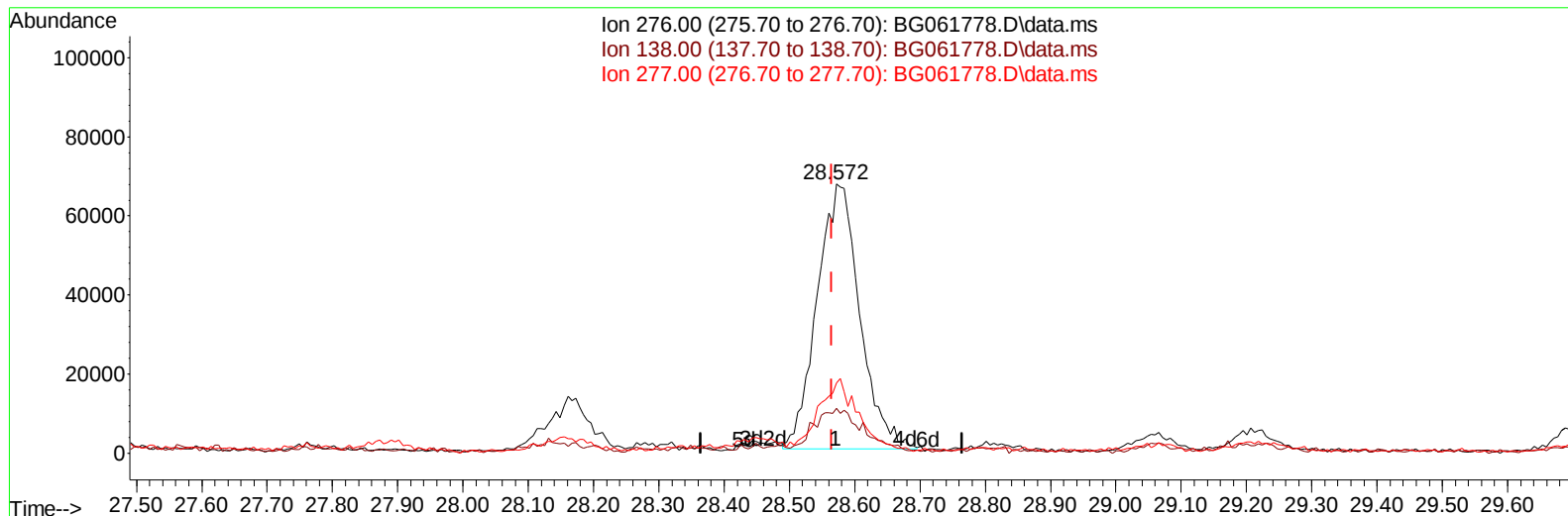
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061778.D
Acq On : 28 Jun 2024 19:02
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:29:26 2024
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Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061778.D\data.ms

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

28.572min (+ 0.007) 9.07 ng/u1 m

response 306293

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	16.62
277.00	24.60	26.16
0.00	0.00	0.00

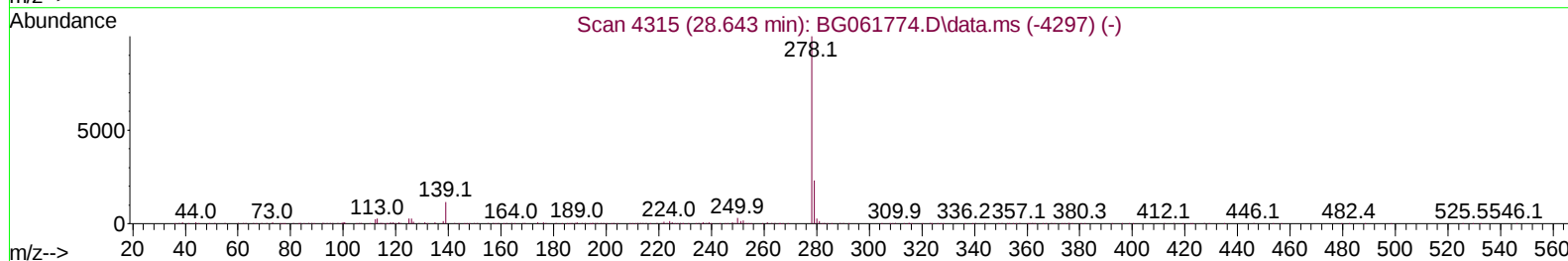
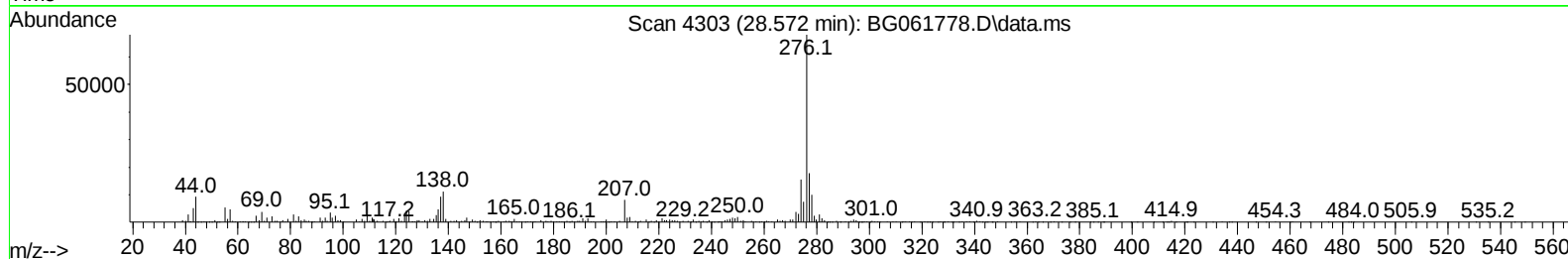
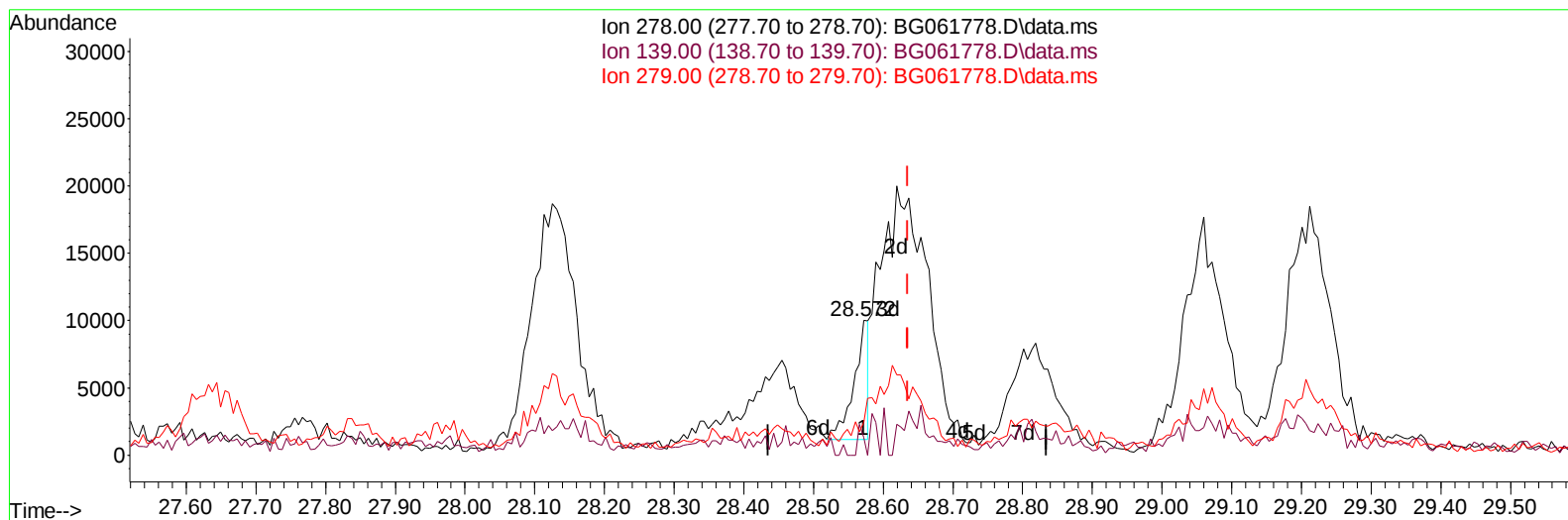
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061778.D
Acq On : 28 Jun 2024 19:02
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:09:11 2024
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Supervised By :mohammad ahmed 06/29/2024



TIC: BG061778.D\data.ms

(95) Dibenzo(a,h)anthracene

28.572min (-0.063) 0.47 ng/u1

response 13266

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	12.91
279.00	23.30	24.09
0.00	0.00	0.00

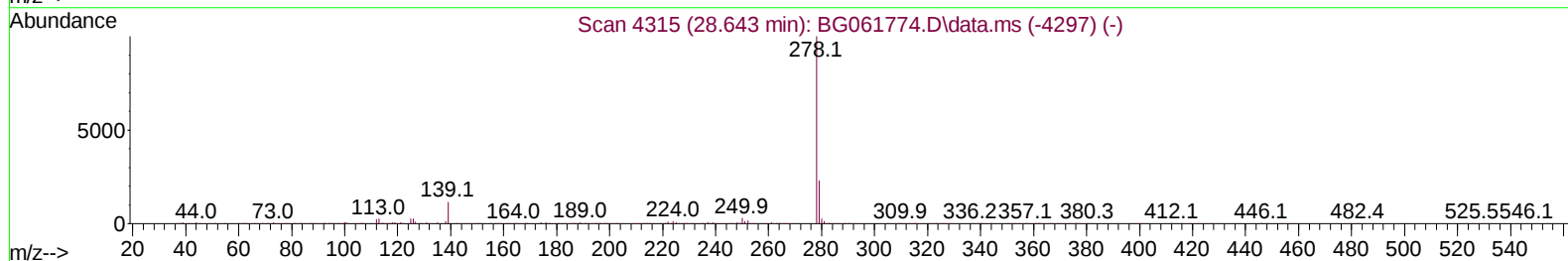
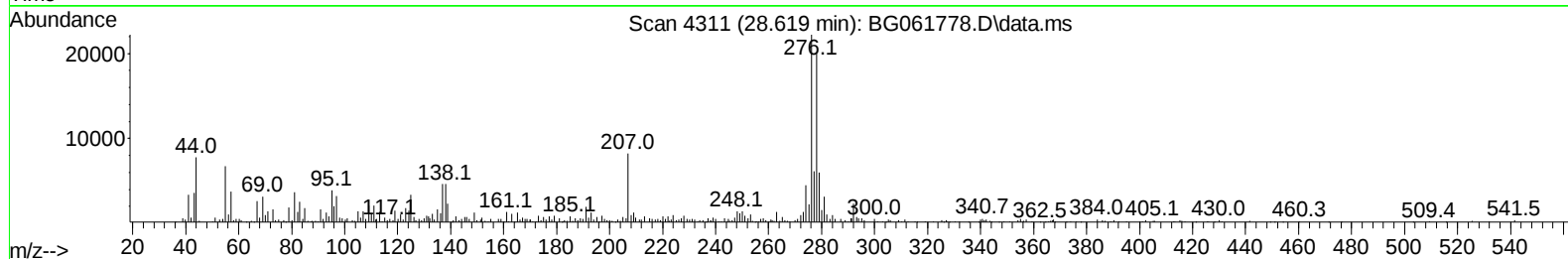
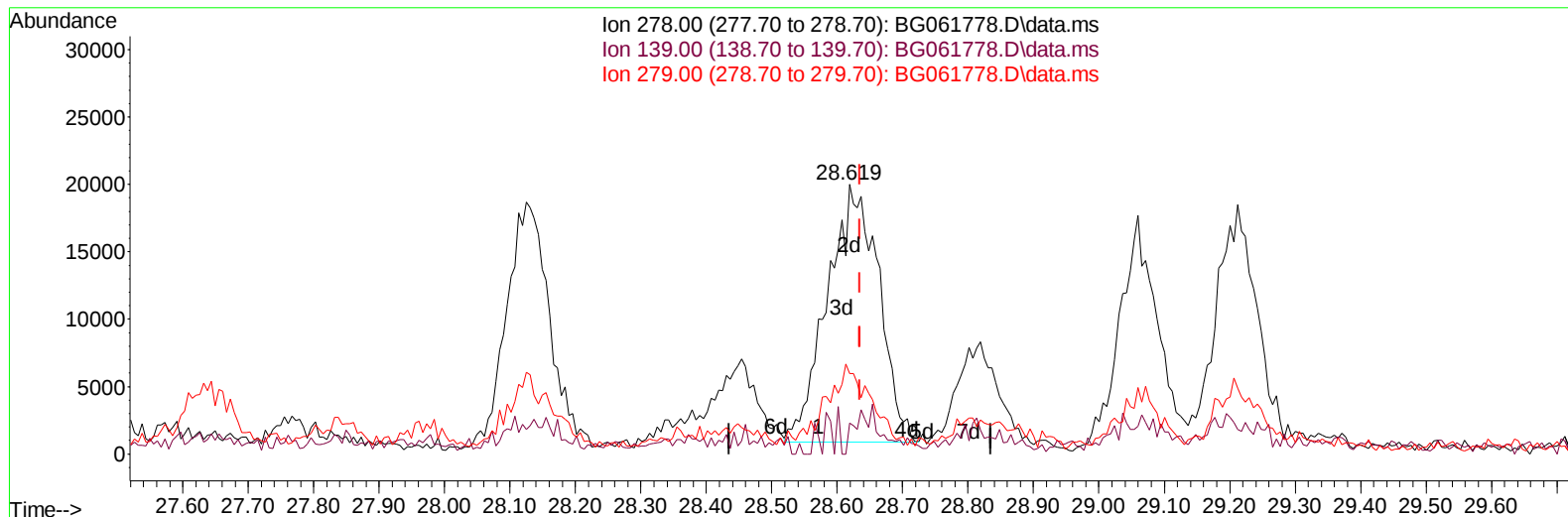
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061778.D
 Acq On : 28 Jun 2024 19:02
 Operator : MA/JU
 Sample : P2934-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:09:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
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Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024



TIC: BG061778.D\data.ms

(95) Dibenzo(a,h)anthracene

28.619min (-0.016) 3.69 ng/ul m

response 103760

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	11.44
279.00	23.30	29.84#
0.00	0.00	0.00

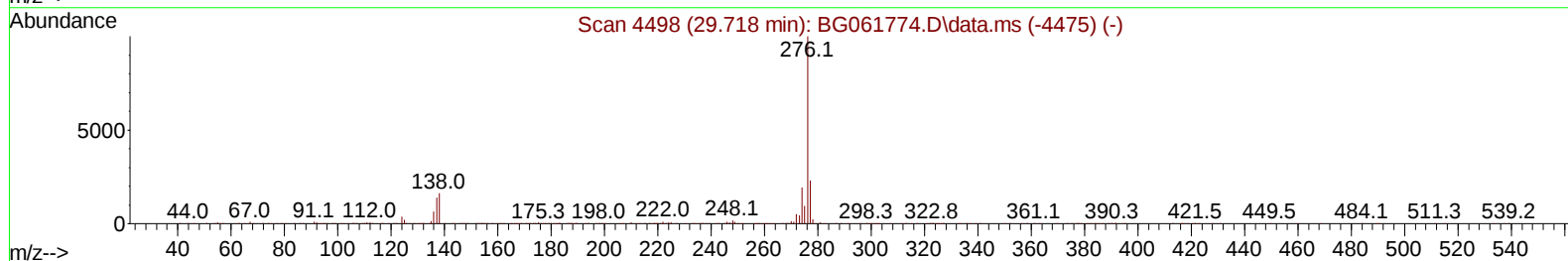
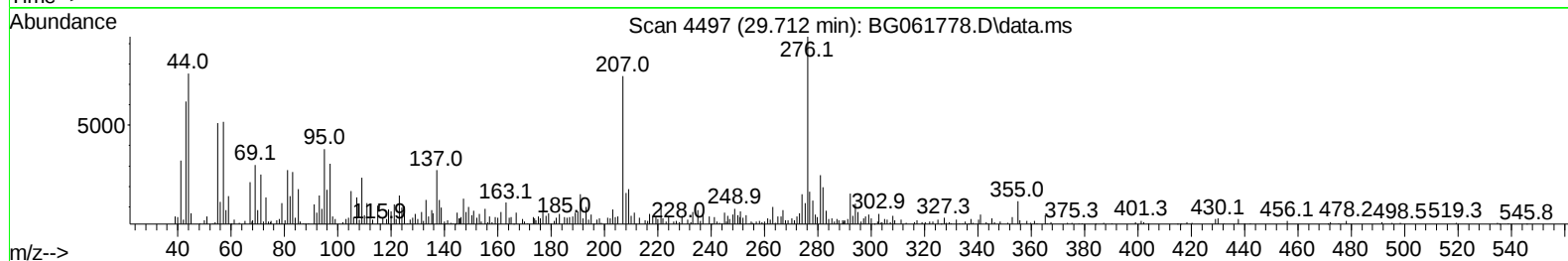
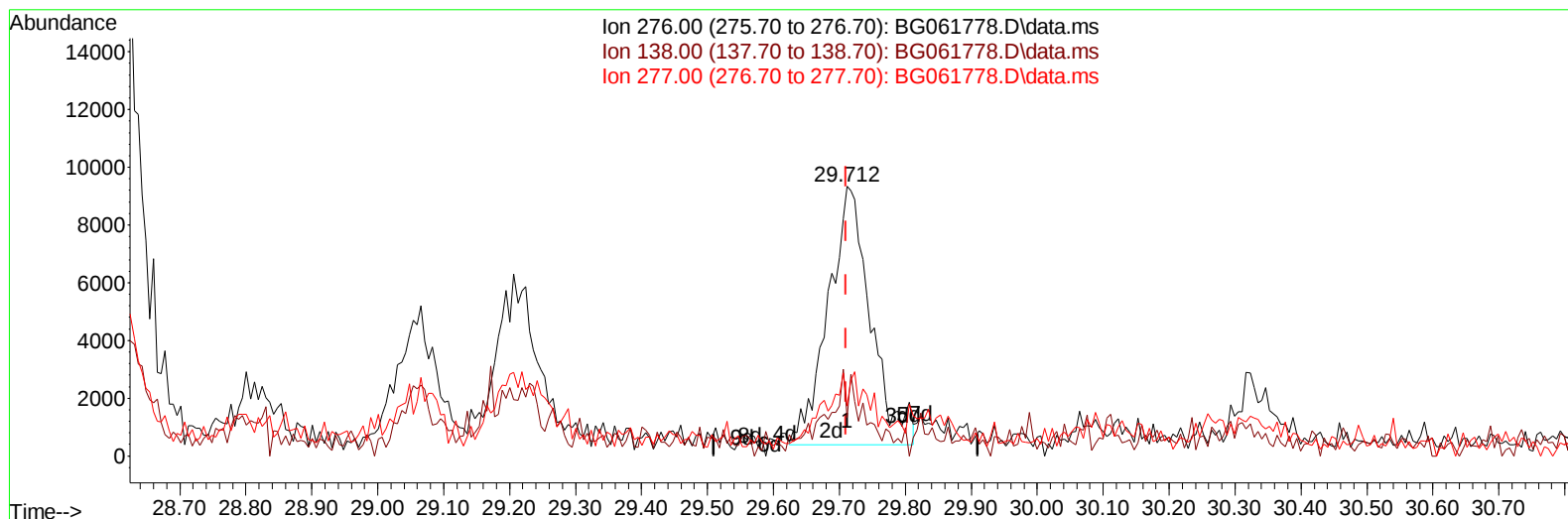
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
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Acq On : 28 Jun 2024 19:02
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:29:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061778.D\data.ms

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

29.712min (+ 0.002) 1.47 ng/ul m

response 40027

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	14.27
277.00	23.20	18.60
0.00	0.00	0.00

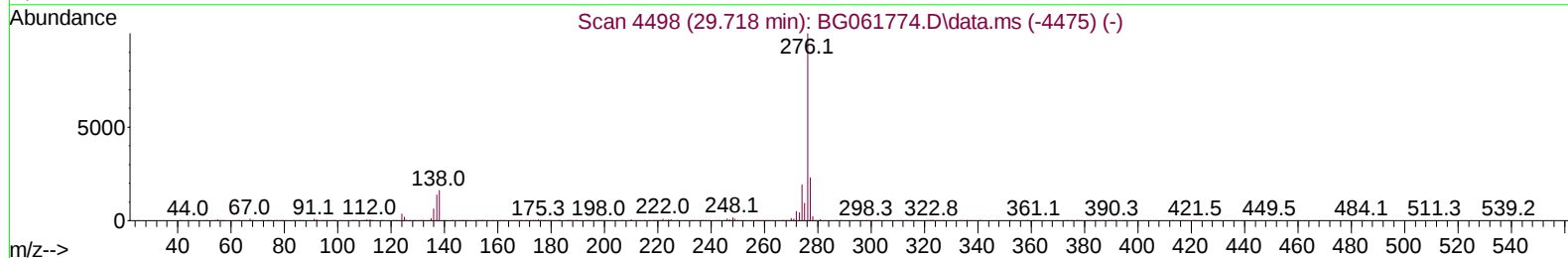
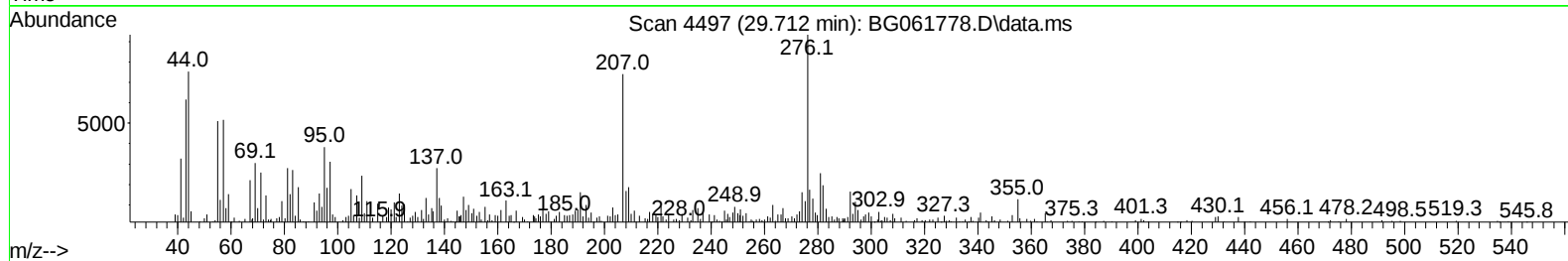
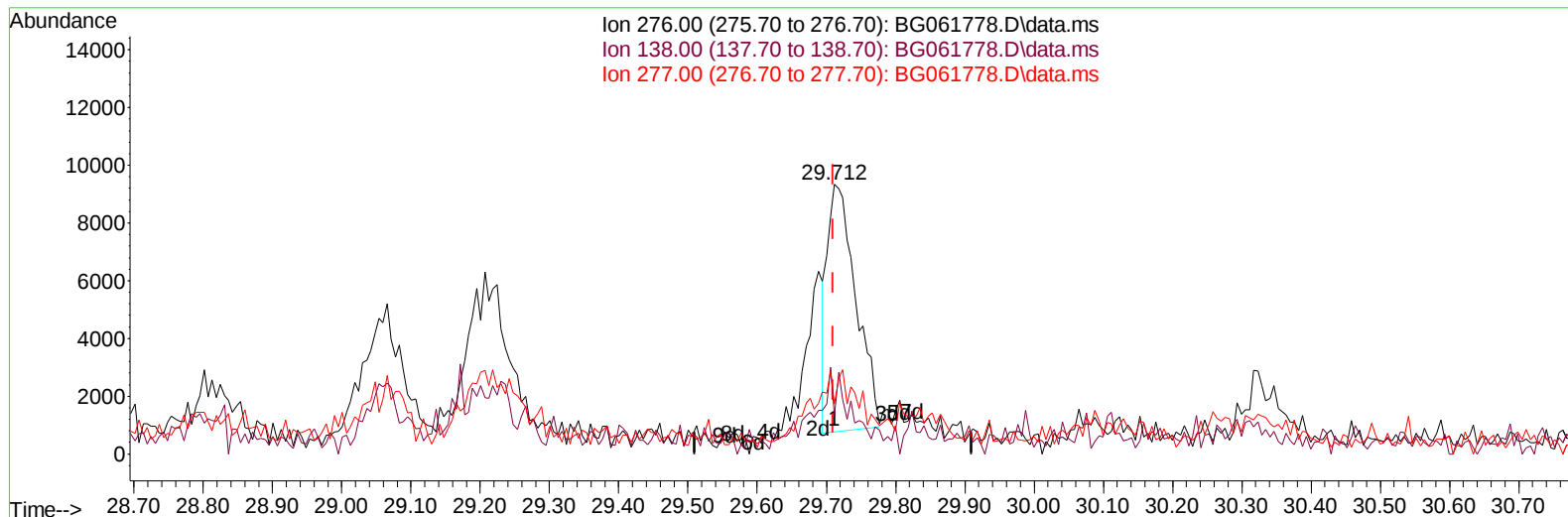
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061778.D
Acq On : 28 Jun 2024 19:02
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:09:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061778.D\data.ms

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

29.712min (+ 0.002) 0.90 ng/u1

response 24434

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	14.27
277.00	23.20	18.60
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061778.D
 Acq On : 28 Jun 2024 19:02
 Operator : MA/JU
 Sample : P2934-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:18:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
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Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.055	152		83396	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136		379704	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.682	164		240867	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.426	188		519484	20.000	ng/ul	0.00
79) Chrysene-d12	21.692	240		403554	20.000	ng/ul	0.00
88) Perylene-d12	24.906	264		468506	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.460	96		9487m	4.109	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.203	99		188486	20.819	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.379	67		126399	22.396	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132		139518	22.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113		108535	15.507	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128		68700	26.647	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143		79835	30.574	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165		156722	25.347	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131		50727	5.419	ng/ul	0.00
46) Dimethylphthalate-d6	14.089	166		453151	24.448	ng/ul	0.00
49) Acenaphthylene-d8	14.377	160		528749	26.029	ng/ul	0.00
54) 4-Nitrophenol-d4	14.864	143		69254	21.755	ng/ul	0.00
60) Fluorene-d10	15.675	176		413131	25.460	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200		39687	17.866	ng/ul	0.00
73) Anthracene-d10	17.526	188		632683	26.681	ng/ul	0.00
81) Pyrene-d10	19.812	212		573954	25.462	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.688	264		403955	18.053	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	8.883	105		14025	1.217	ng/ul	87
52) Acenaphthene	14.753	153		24016	1.529	ng/ul#	79
61) Fluorene	15.734	166		27742	1.525	ng/ul#	85
72) Phenanthrene	17.473	178		607546	22.230	ng/ul	99
74) Anthracene	17.561	178		110213	3.944	ng/ul	97
77) Carbazole	17.826	167		56085	2.363	ng/ul	98
80) Fluoranthene	19.477	202		1281505	48.997	ng/ul	98
82) Pyrene	19.841	202		899680	32.350	ng/ul	97
85) Benzo(a)anthracene	21.674	228		527184	18.610	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149		122991	8.263	ng/ul#	97
87) Chrysene	21.739	228		606972	22.645	ng/ul	97
90) Benzo(b)fluoranthene	23.895	252		832974	29.577	ng/ul	98
91) Benzo(k)fluoranthene	23.954	252		283062	9.773	ng/ul#	99
93) Benzo(a)pyrene	24.759	252		303417	11.191	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.572	276		306293m	9.065	ng/ul	
95) Dibenzo(a,h)anthracene	28.619	278		103760m	3.693	ng/ul	
96) Benzo(g,h,i)perylene	29.712	276		40027m	1.470	ng/ul	

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

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Instrument :
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 ClientSampleId :
 A4CP4

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/29/2024

