

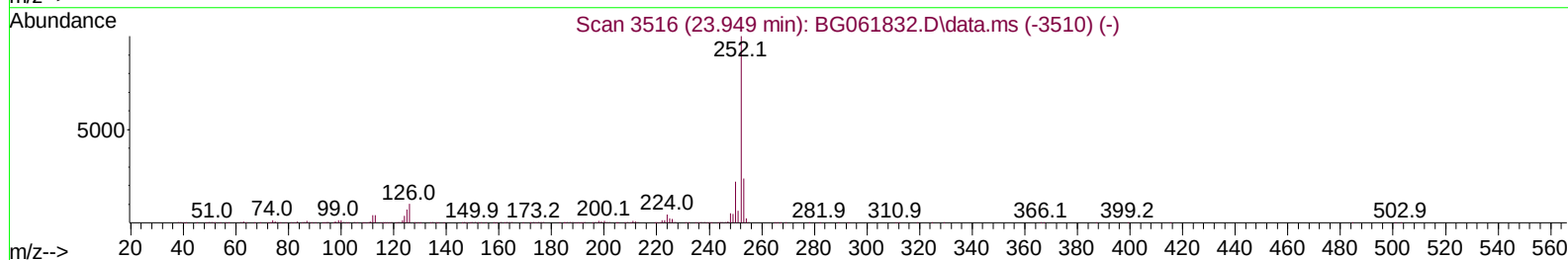
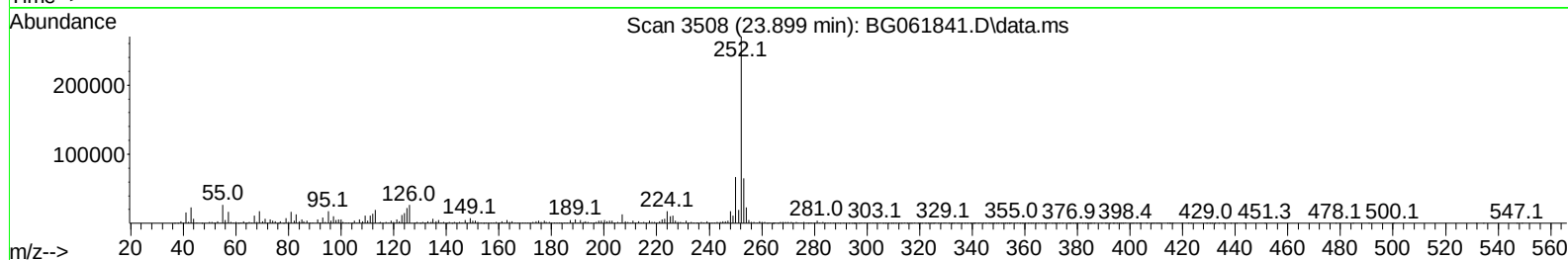
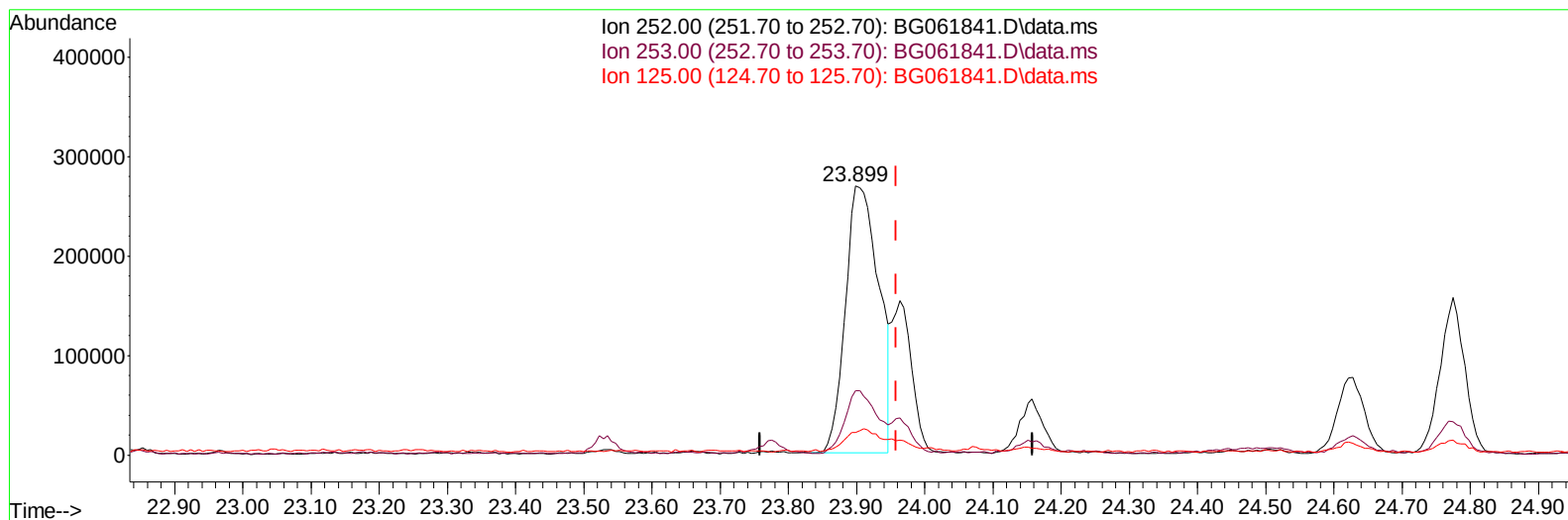
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:07:56 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 :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BG061841.D\data.ms

(91) Benzo(k)fluoranthene

23.899min (-0.059) 37.04 ng/u1

response 913764

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	24.01
125.00	7.70	8.29
0.00	0.00	0.00

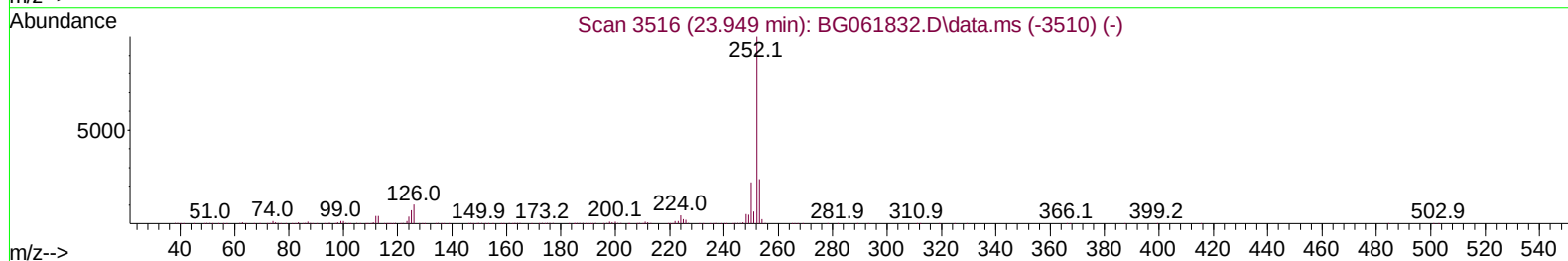
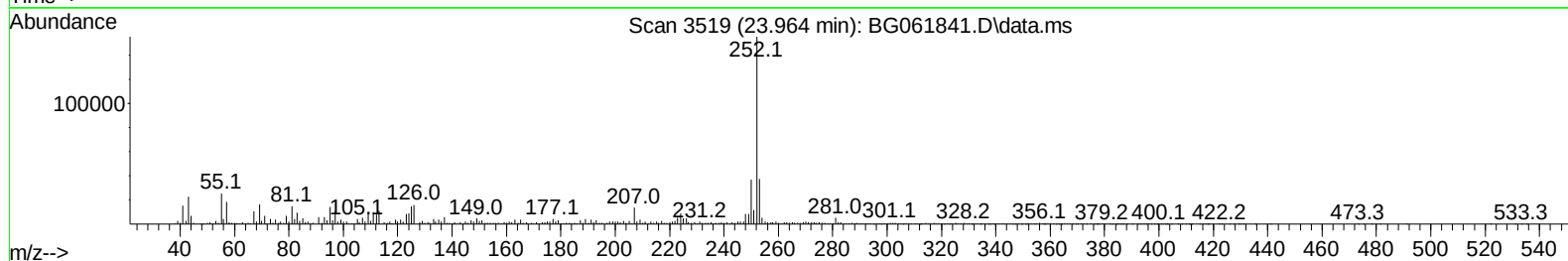
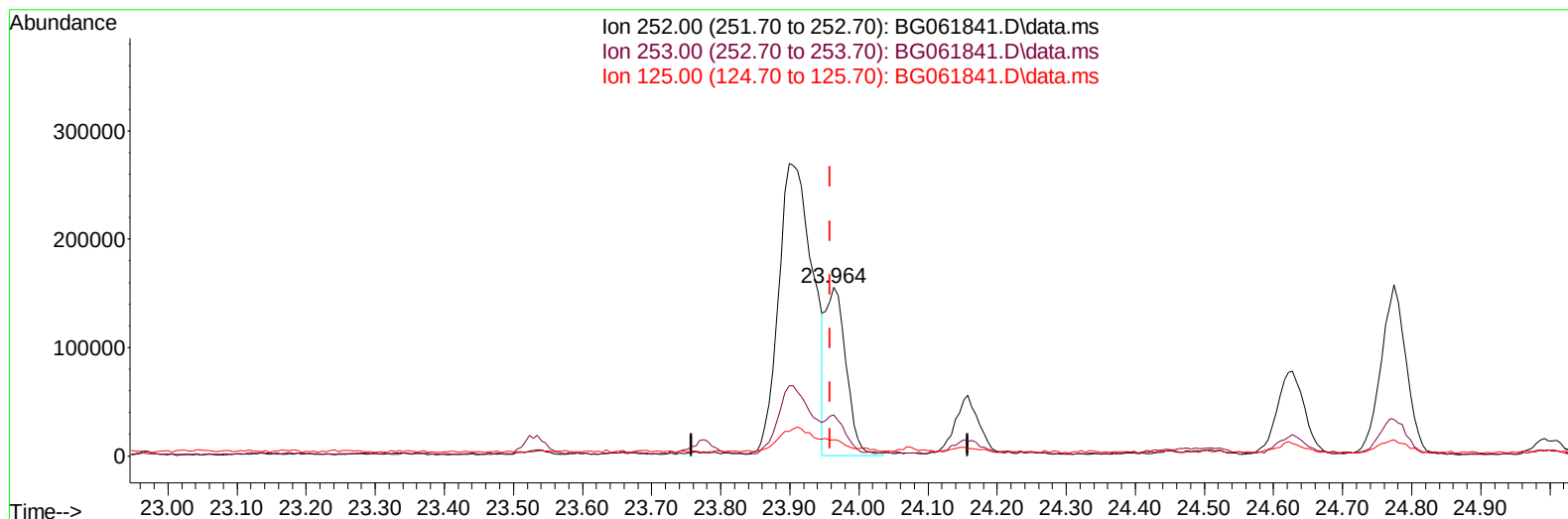
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:07:56 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 :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BG061841.D\data.ms

(91) Benzo(k)fluoranthene

23.964min (+ 0.005) 12.92 ng/ul m

response 318586

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	24.23
125.00	7.70	9.58#
0.00	0.00	0.00

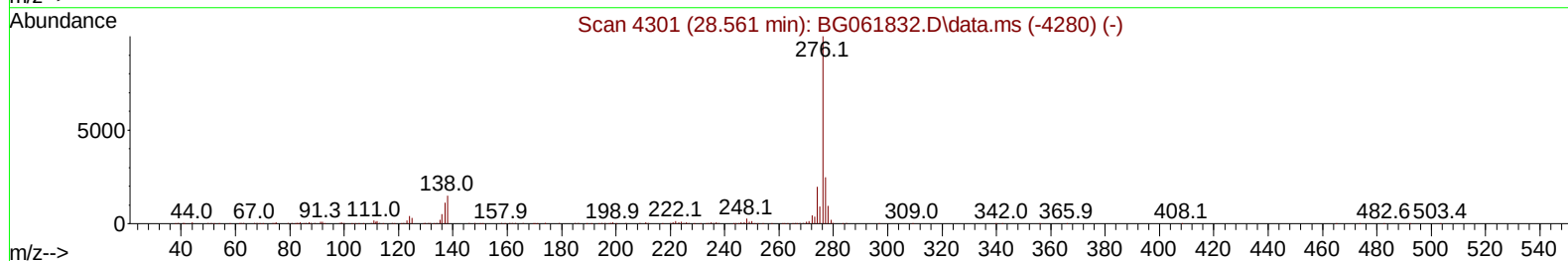
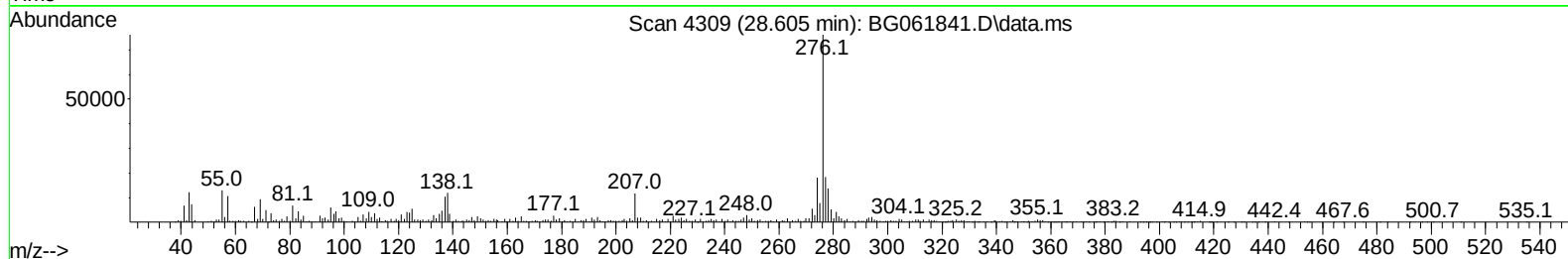
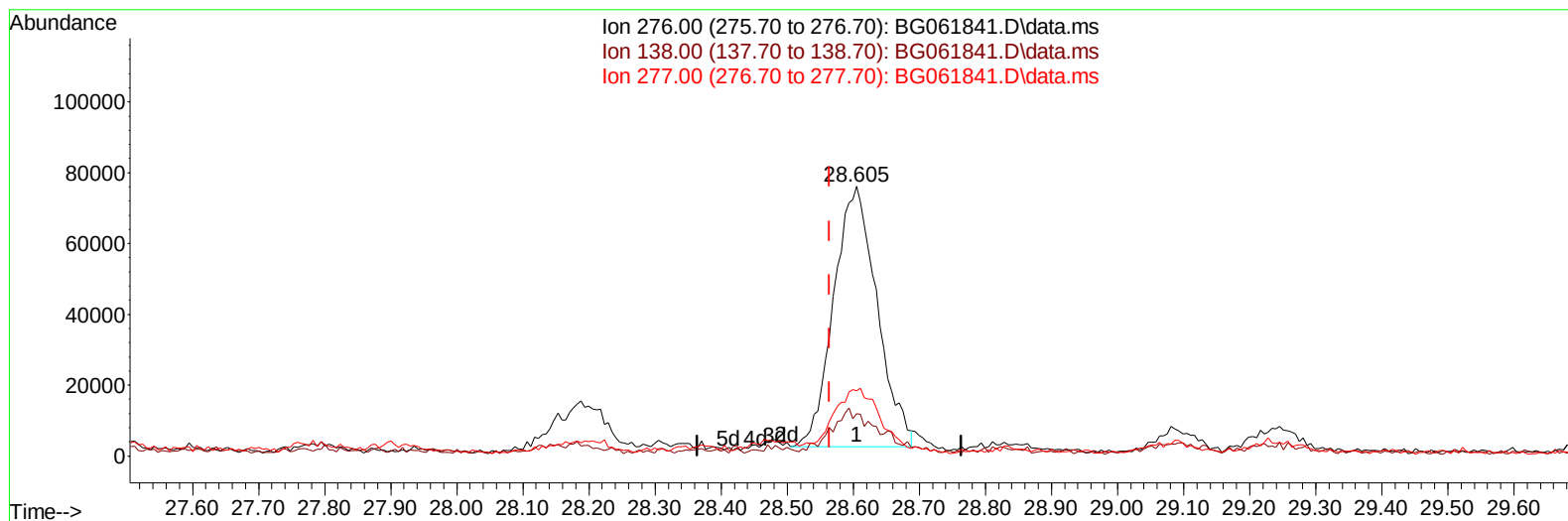
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061841.D
 Acq On : 2 Jul 2024 11:02
 Operator : MA/JU
 Sample : P2963-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:10:36 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 :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BG061841.D\data.ms

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

28.605min (+ 0.041) 11.61 ng/ul

response 333942

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	20.09#
277.00	24.60	24.26
0.00	0.00	0.00

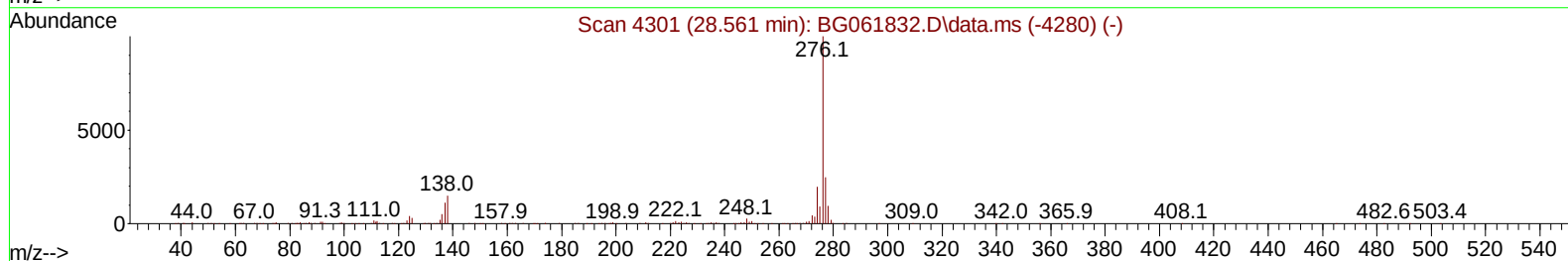
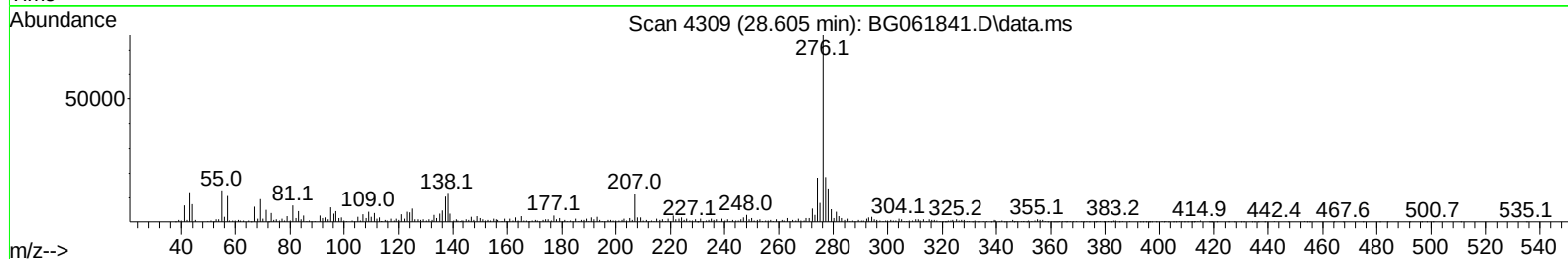
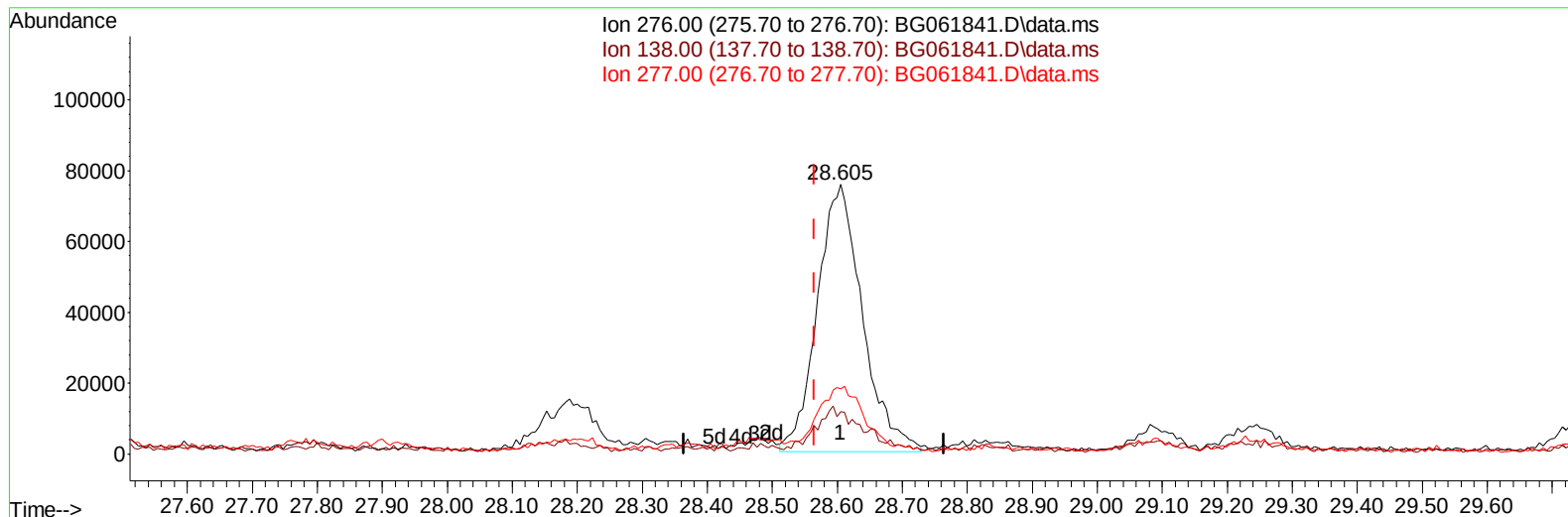
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:10:36 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 :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BG061841.D\data.ms

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

28.605min (+ 0.041) 12.67 ng/ul m

response 364505

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.60
277.00	24.60	24.26
0.00	0.00	0.00

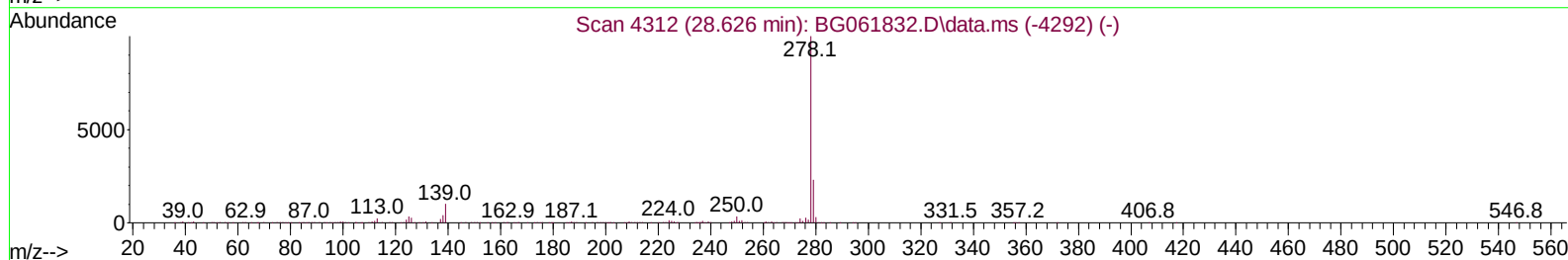
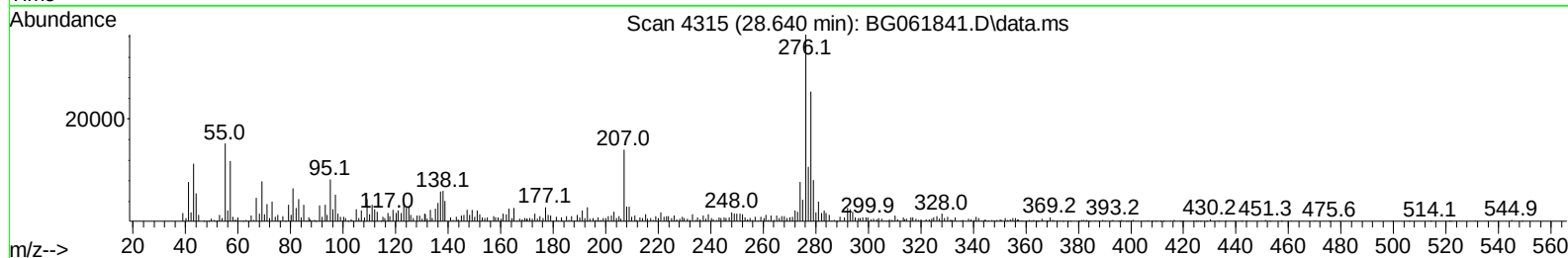
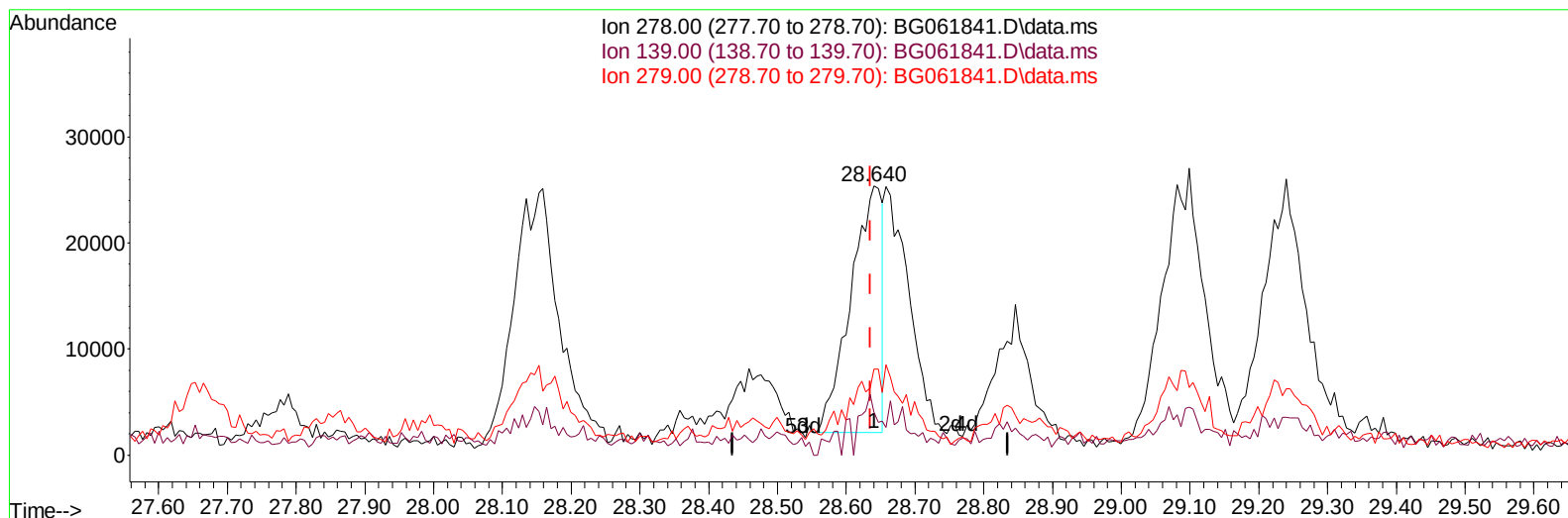
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:07:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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TIC: BG061841.D\data.ms

(95) Dibenzo(a,h)anthracene

28.640min (+ 0.005) 3.08 ng/u1

response 73598

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	15.96#
279.00	23.30	31.98#
0.00	0.00	0.00

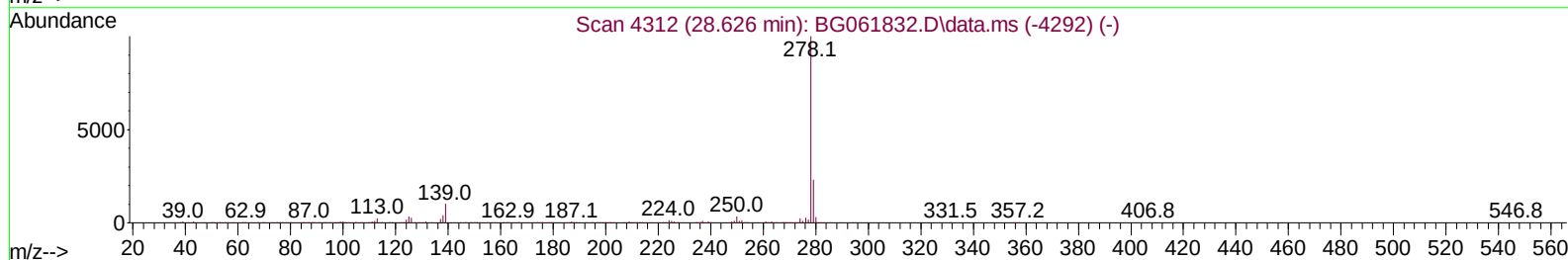
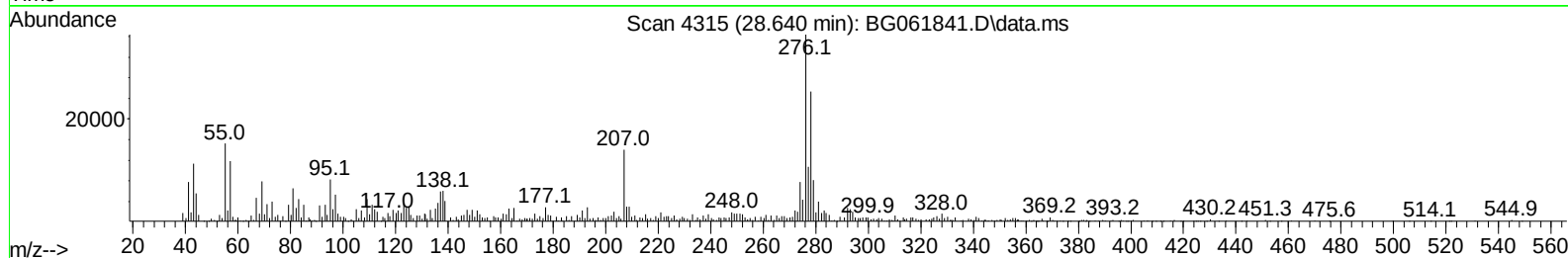
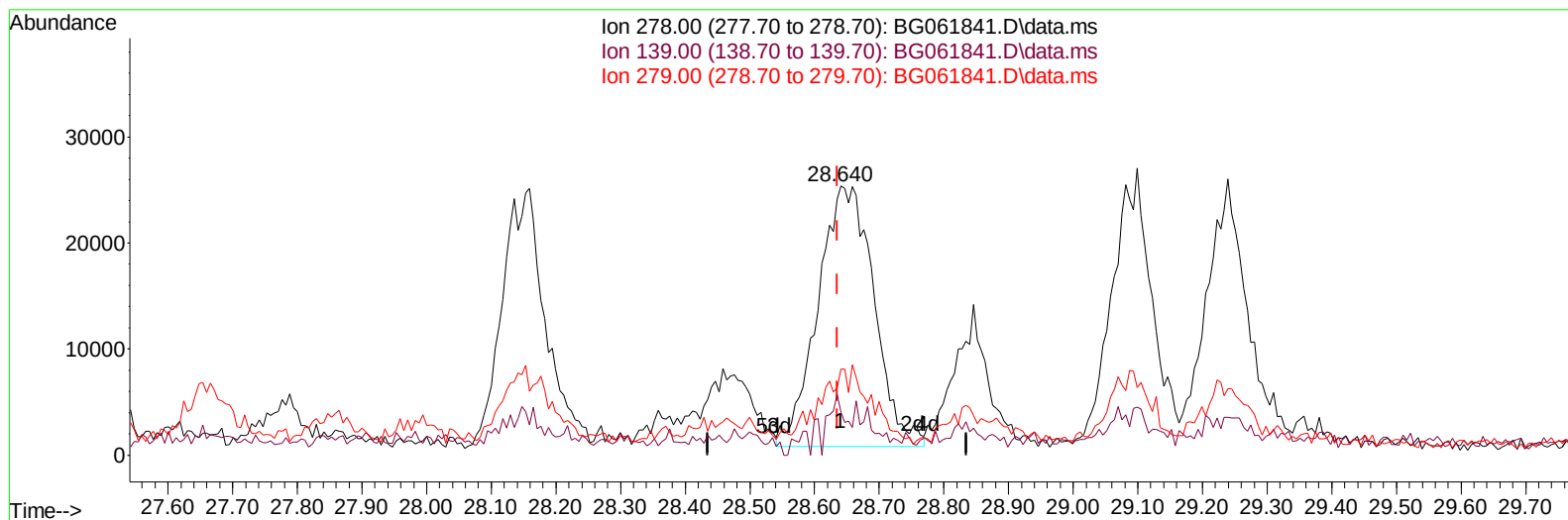
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:07:56 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 :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BG061841.D\data.ms

(95) Dibenzo(a,h)anthracene

28.640min (+ 0.005) 6.19 ng/ul m

response 148065

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	15.96#
279.00	23.30	31.98#
0.00	0.00	0.00

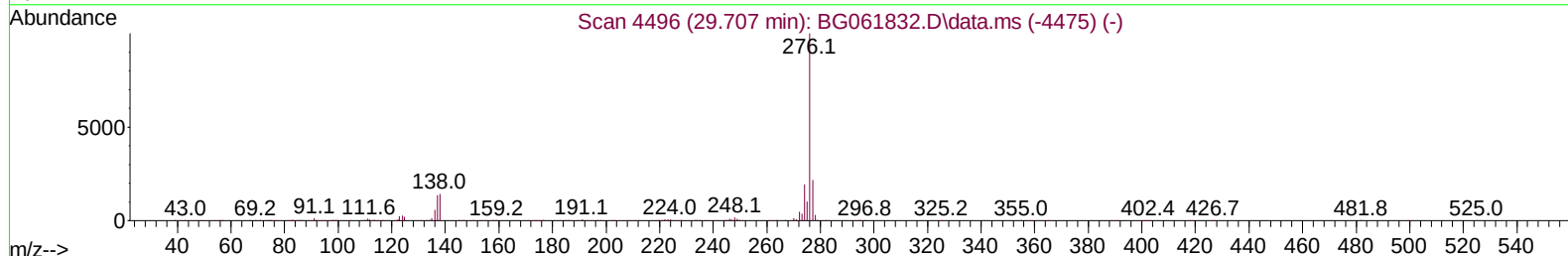
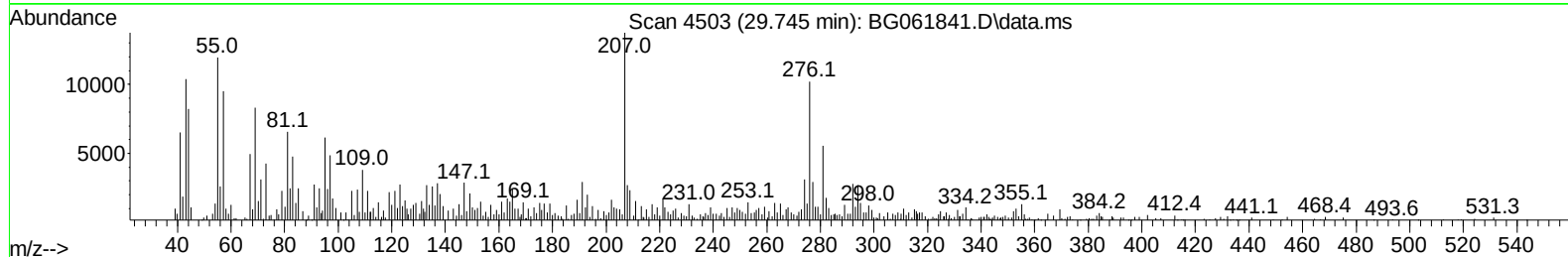
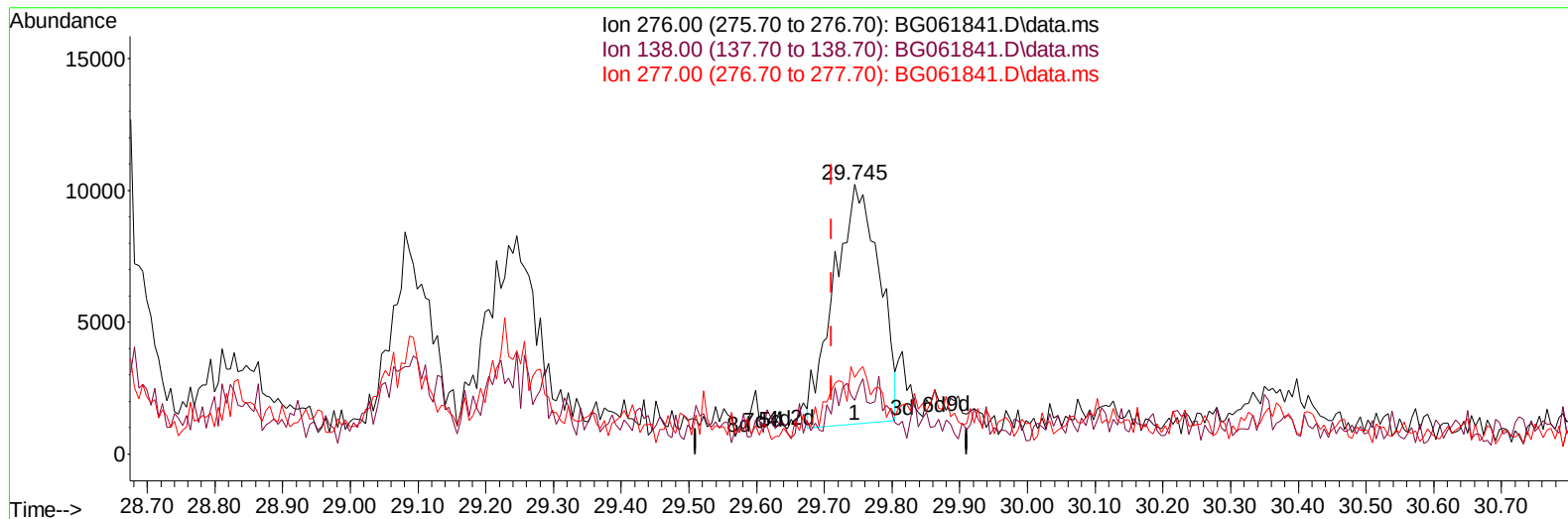
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:07:56 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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TIC: BG061841.D\data.ms

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

29.745min (+ 0.035) 1.82 ng/u1

response 42206

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	19.87#
277.00	23.20	28.47#
0.00	0.00	0.00

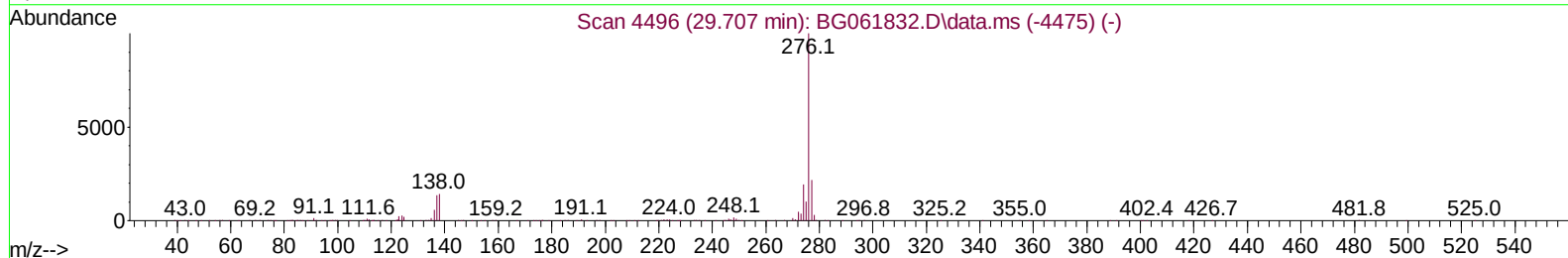
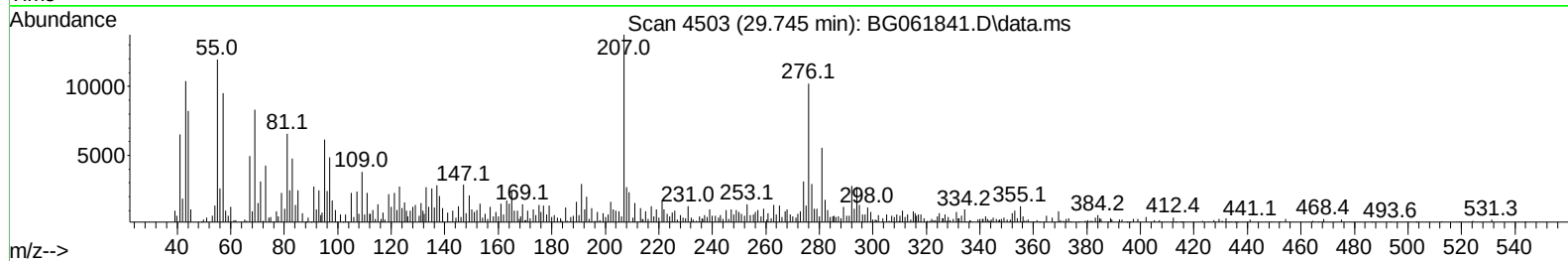
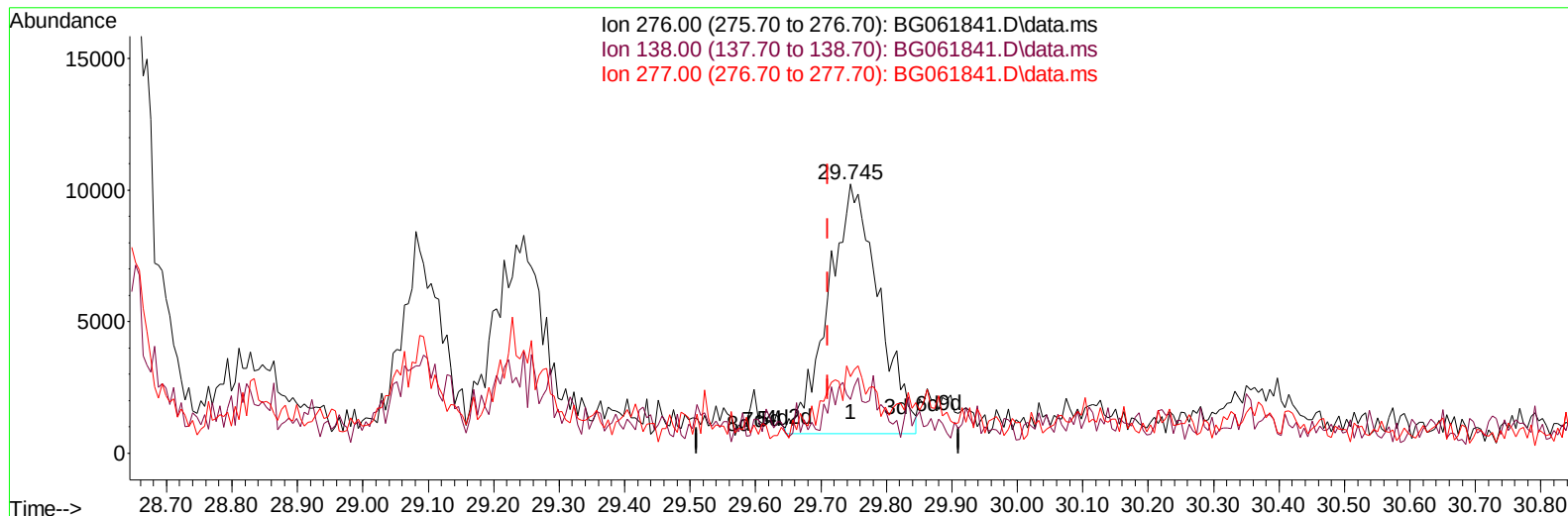
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:07:56 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

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Supervised By :mohammad ahmed 07/04/2024



TIC: BG061841.D\data.ms

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

29.745min (+ 0.035) 2.19 ng/ul m

response 50705

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	19.87#
277.00	23.20	28.47#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061841.D
 Acq On : 2 Jul 2024 11:02
 Operator : MA/JU
 Sample : P2963-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:19:59 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 :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	68652	20.000	ng/ul	0.00
20) Naphthalene-d8	10.867	136	323609	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	207803	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.430	188	442886	20.000	ng/ul	0.00
79) Chrysene-d12	21.696	240	332986	20.000	ng/ul	0.00
88) Perylene-d12	24.927	264	398994	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	8425	4.433	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.218	99	224755	30.157	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.383	67	138578	29.828	ng/ul	0.00
11) 2-Chlorophenol-d4	7.589	132	159119	31.112	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	160269	27.817	ng/ul	0.01
21) Nitrobenzene-d5	9.222	128	81351	37.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	93105	41.837	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.485	165	170057	32.272	ng/ul	0.00
31) 4-Chloroaniline-d4	11.002	131	19294	2.418	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	518033	32.395	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	573238	32.710	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	81953	29.840	ng/ul	0.02
60) Fluorene-d10	15.679	176	452831	32.346	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	41240	21.776	ng/ul	0.00
73) Anthracene-d10	17.530	188	706843	34.964	ng/ul	0.00
81) Pyrene-d10	19.816	212	632590	34.010	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.710	264	471392	24.737	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.881	105	13607	1.434	ng/ul	96
30) Naphthalene	10.920	128	55184	3.048	ng/ul	97
36) 2-Methylnaphthalene	12.524	142	24590	1.925	ng/ul	90
37) 1-Methylnaphthalene	12.741	142	17603	1.291	ng/ul#	93
50) Acenaphthylene	14.416	152	31340	1.602	ng/ul#	94
52) Acenaphthene	14.751	153	64179	4.737	ng/ul	89
56) Dibenzofuran	15.086	168	63311	3.339	ng/ul	92
61) Fluorene	15.732	166	69154	4.408	ng/ul	90
72) Phenanthrene	17.477	178	1131089	48.545	ng/ul	99
74) Anthracene	17.565	178	232739	9.768	ng/ul	96
77) Carbazole	17.835	167	94998	4.696	ng/ul#	93
80) Fluoranthene	19.481	202	1409330	65.303	ng/ul	98
82) Pyrene	19.845	202	1124326	48.996	ng/ul#	95
85) Benzo(a)anthracene	21.678	228	711824	30.454	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.578	149	21985	1.790	ng/ul#	94
87) Chrysene	21.743	228	739616	33.441	ng/ul	98
90) Benzo(b)fluoranthene	23.899	252	913764	38.098	ng/ul	98
91) Benzo(k)fluoranthene	23.964	252	318586m	12.916	ng/ul	
93) Benzo(a)pyrene	24.774	252	392409	16.994	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.605	276	364505m	12.668	ng/ul	
95) Dibenzo(a,h)anthracene	28.640	278	148065m	6.188	ng/ul	
96) Benzo(g,h,i)perylene	29.745	276	50705m	2.186	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
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Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 01:19:59 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

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061841.D
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