

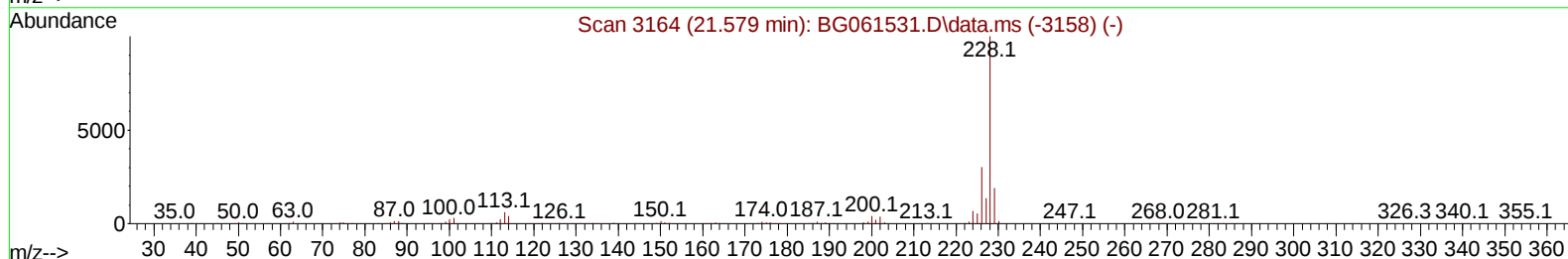
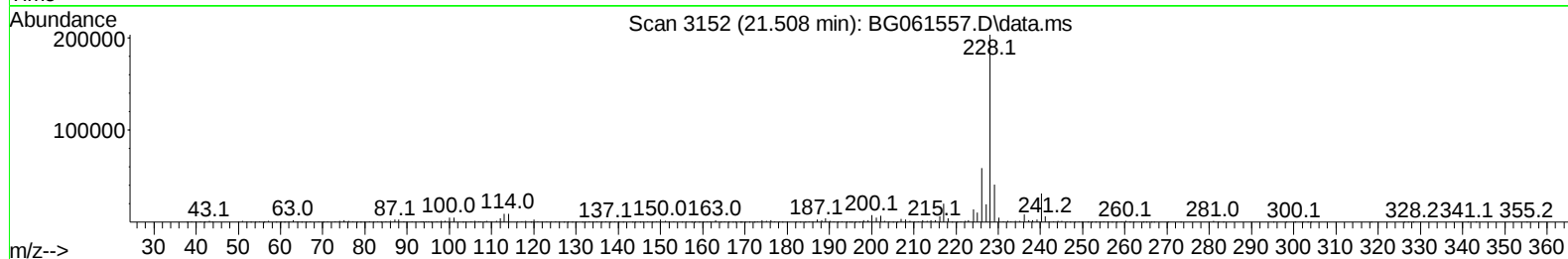
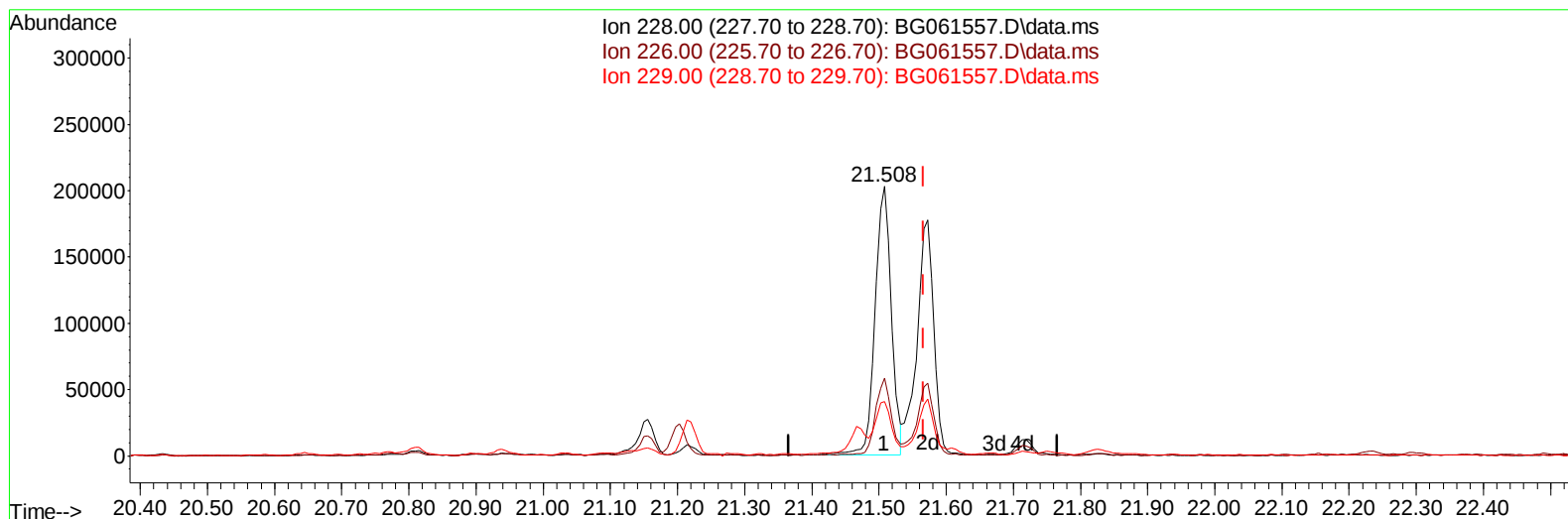
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 09 22:59:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration



TIC: BG061557.D\data.ms

(87) Chrysene

21.508min (-0.058) 25.96 ng/u1

response 341866

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	28.79
229.00	19.30	20.11
0.00	0.00	0.00

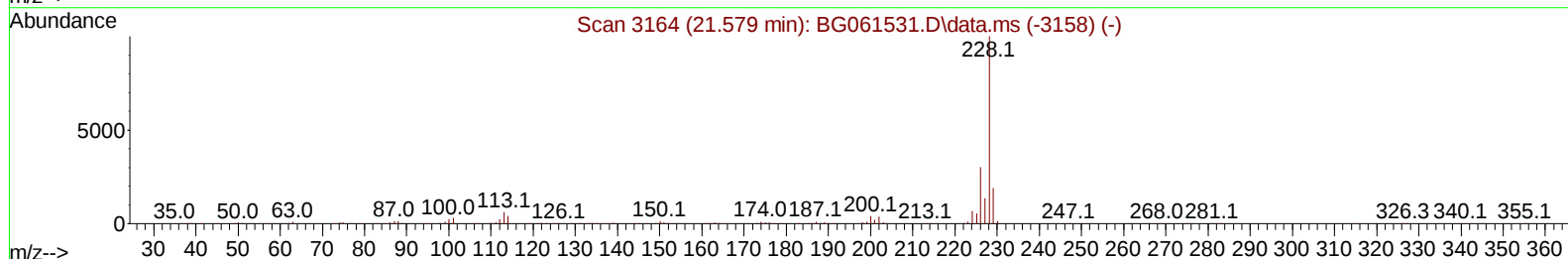
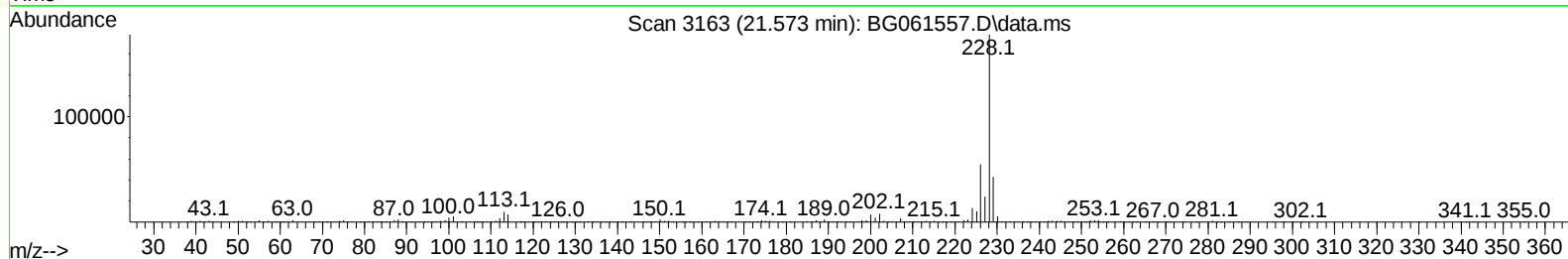
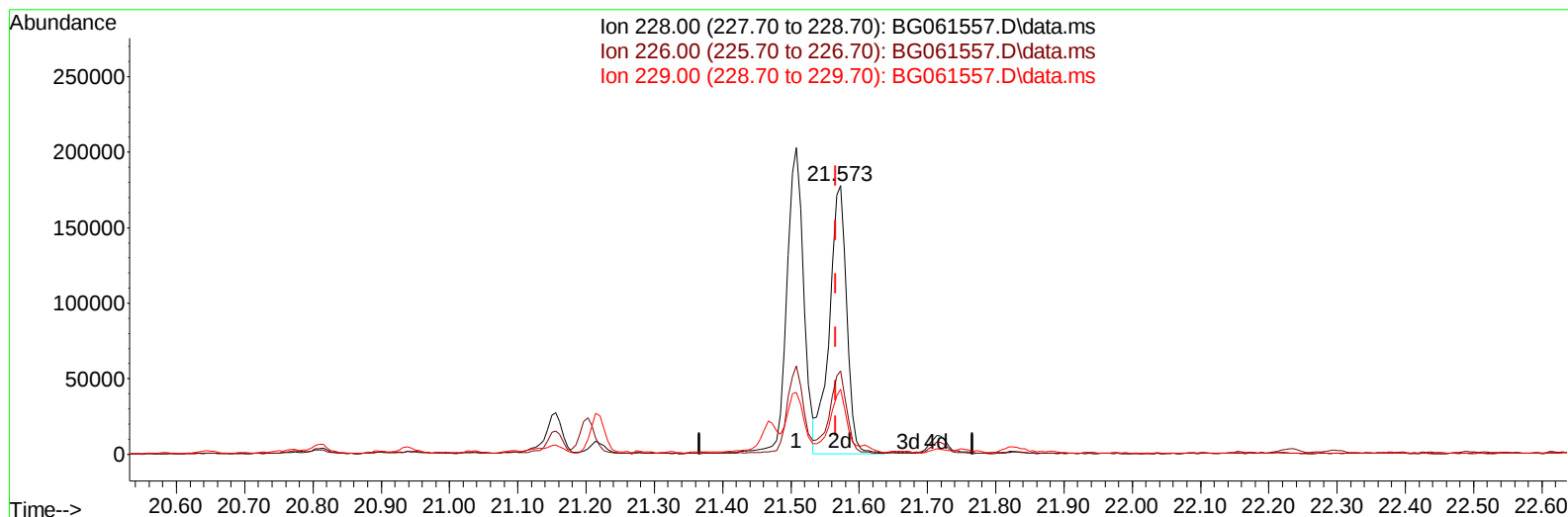
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061557.D\data.ms

(87) Chrysene

21.573min (+ 0.007) 23.93 ng/ul m

response 315101

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	31.00
229.00	19.30	24.26#
0.00	0.00	0.00

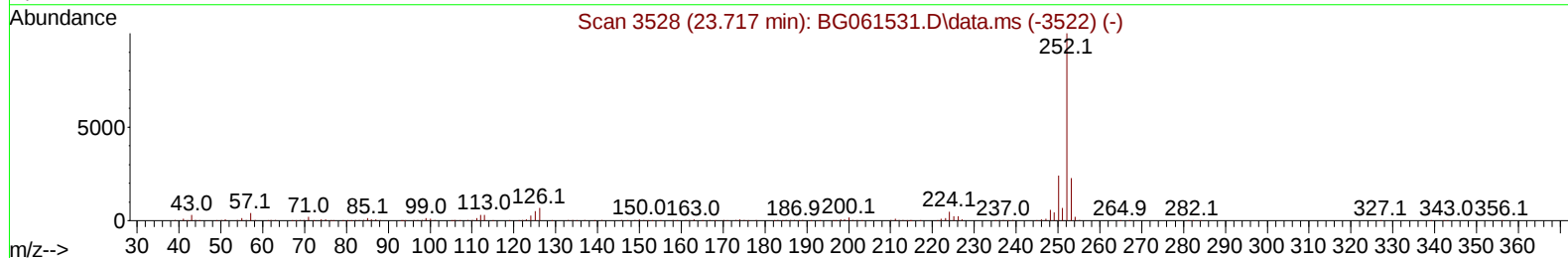
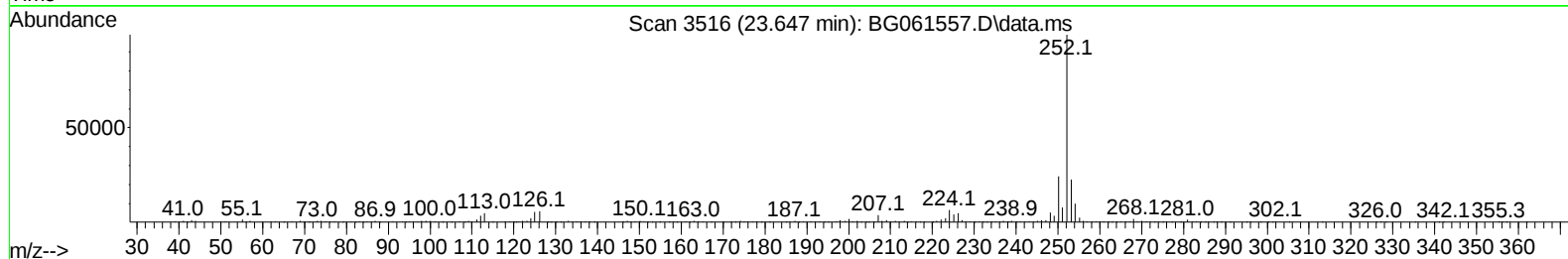
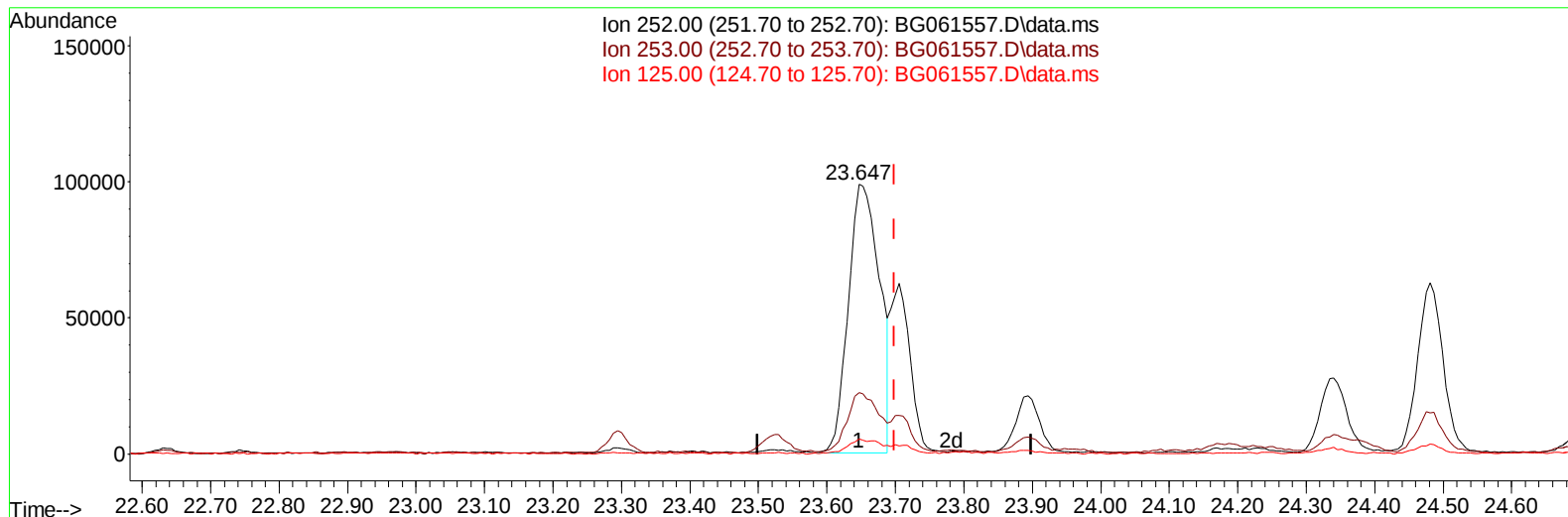
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
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Instrument :
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061557.D\data.ms

(91) Benzo(k)fluoranthene

23.647min (-0.052) 21.28 ng/u1

response 312374

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.79
125.00	5.40	5.49
0.00	0.00	0.00

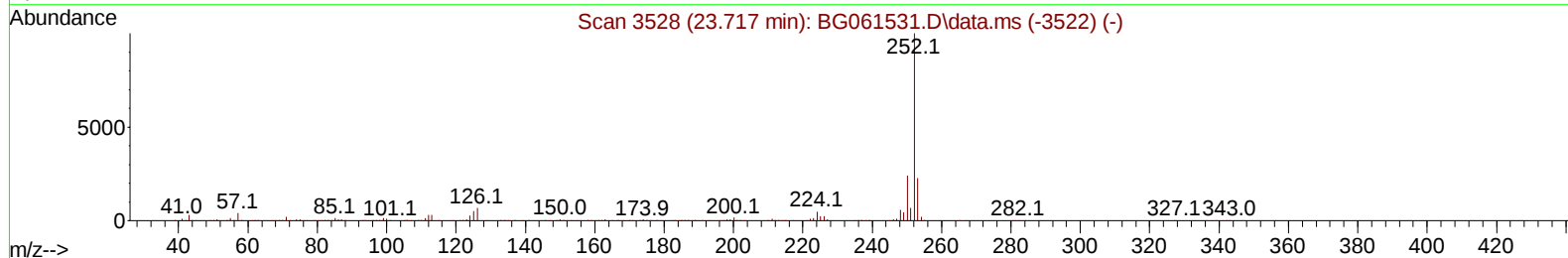
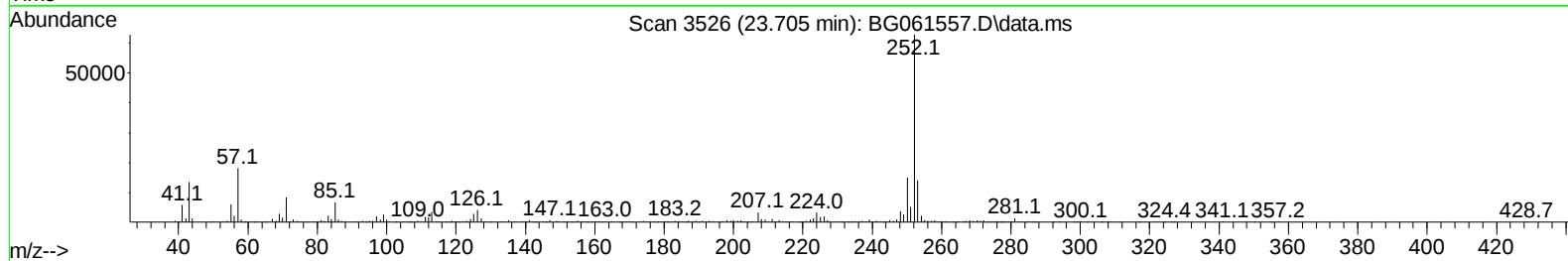
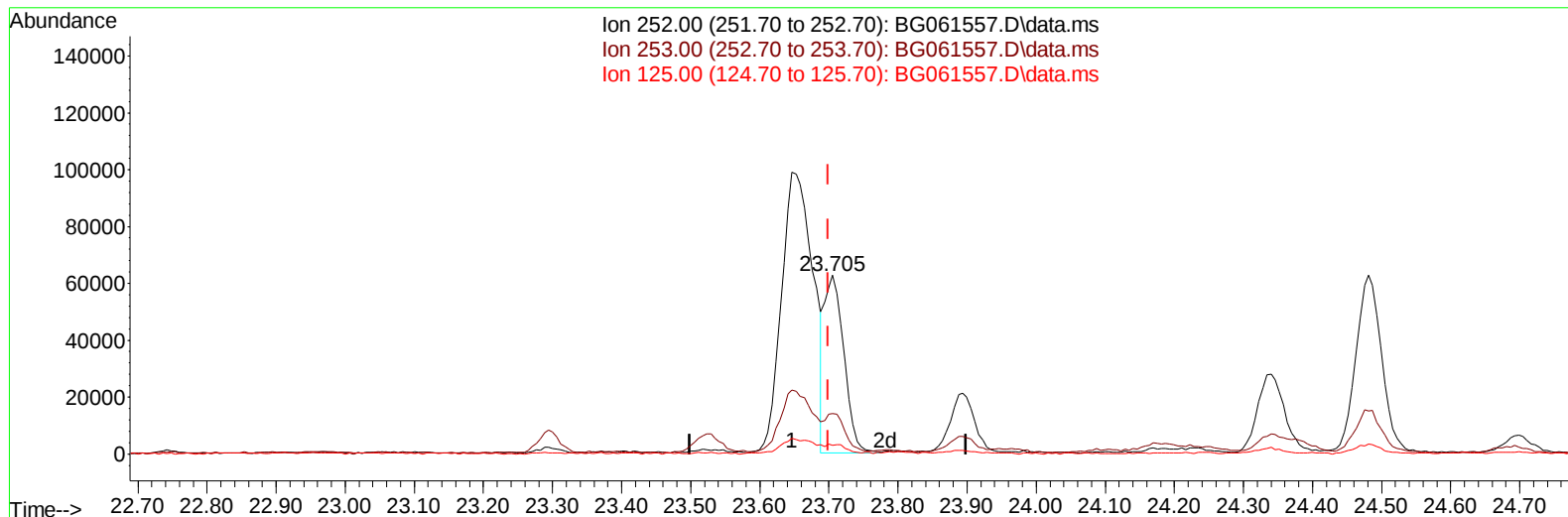
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061557.D\data.ms

(91) Benzo(k)fluoranthene

23.705min (+ 0.007) 8.27 ng/u1 m

response 121396

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.52
125.00	5.40	4.74
0.00	0.00	0.00

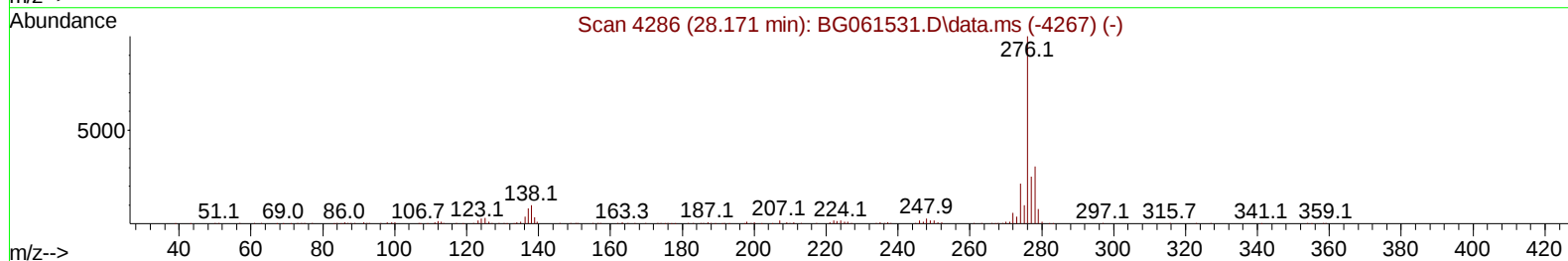
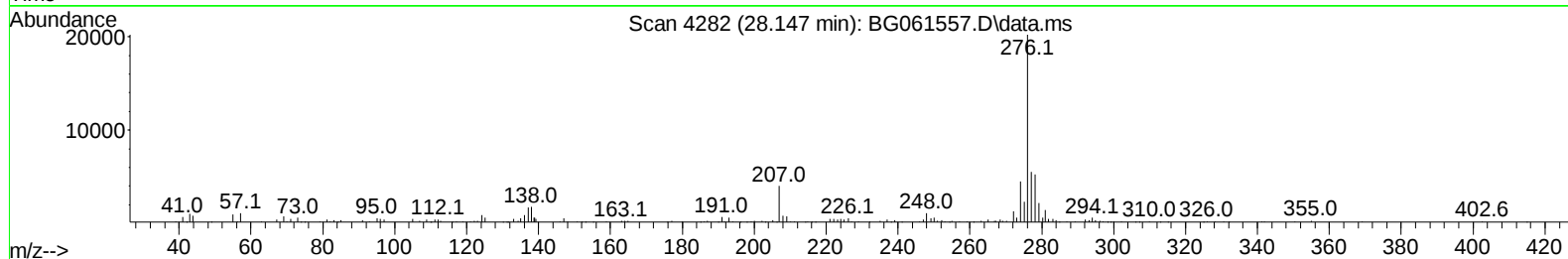
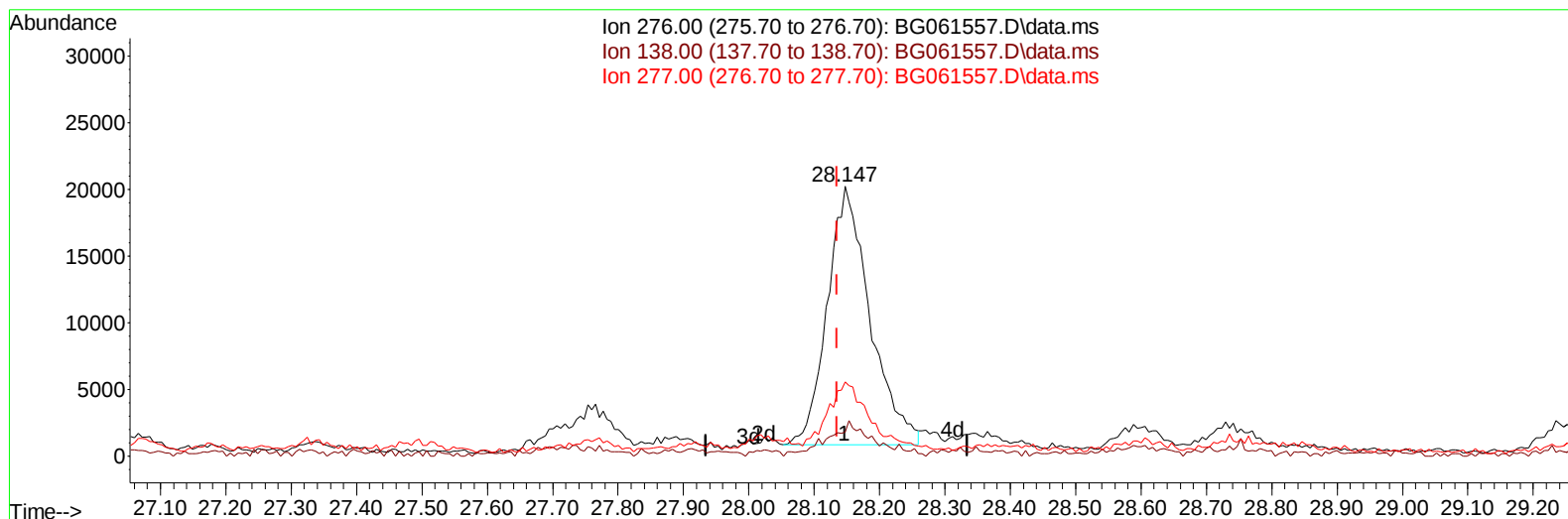
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061557.D\data.ms

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

28.147min (+ 0.012) 5.33 ng/u1

response 88494

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	11.94
277.00	24.60	27.45
0.00	0.00	0.00

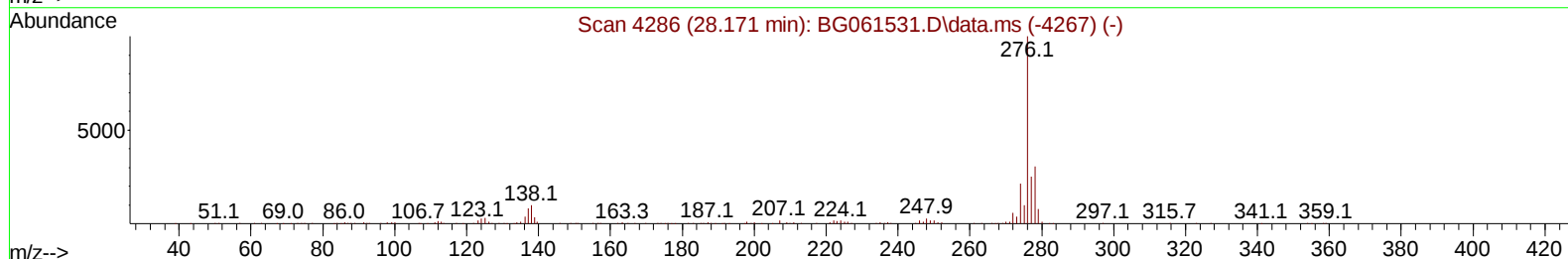
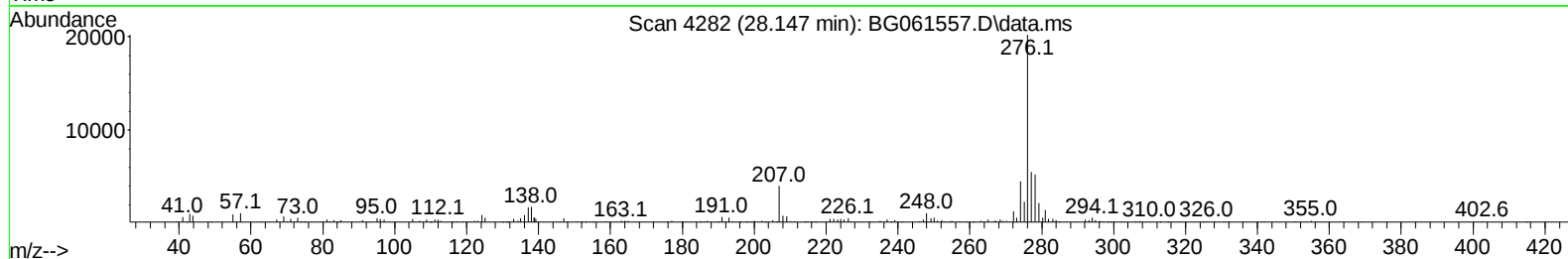
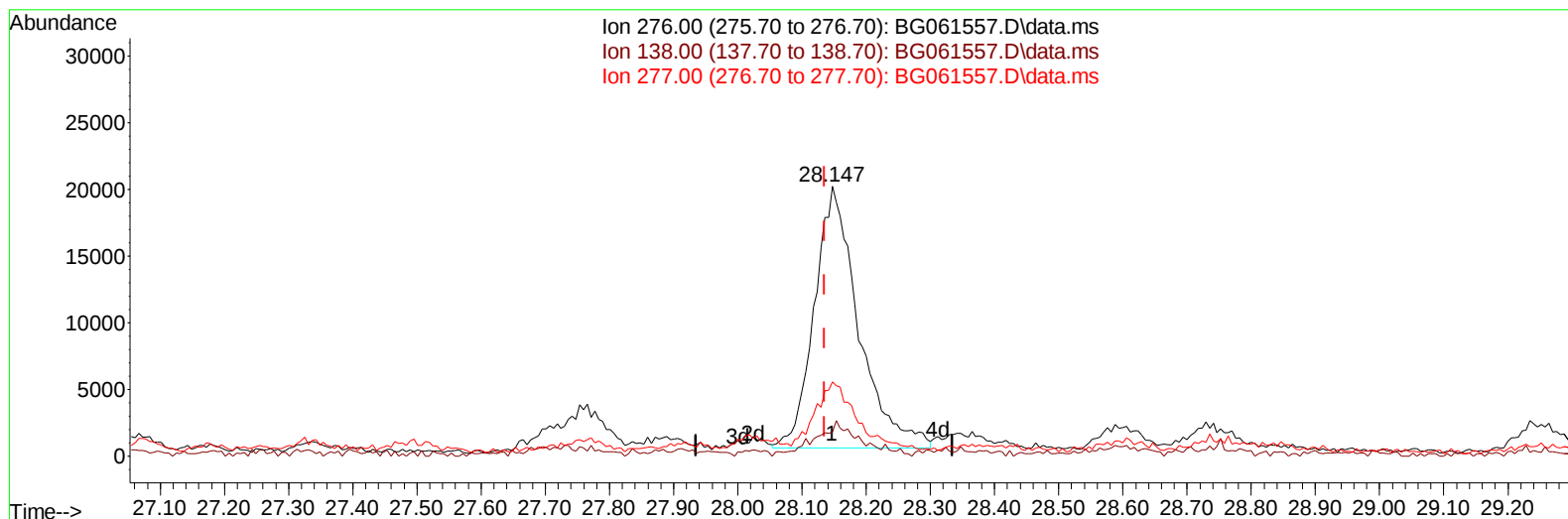
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 09 22:59:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061557.D\data.ms

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

28.147min (+ 0.012) 5.65 ng/ul m

response 93812

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	8.76
277.00	24.60	27.45
0.00	0.00	0.00

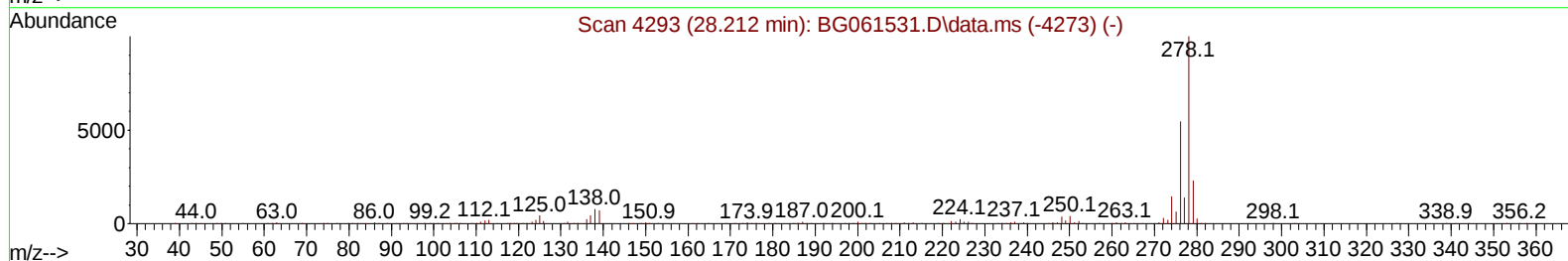
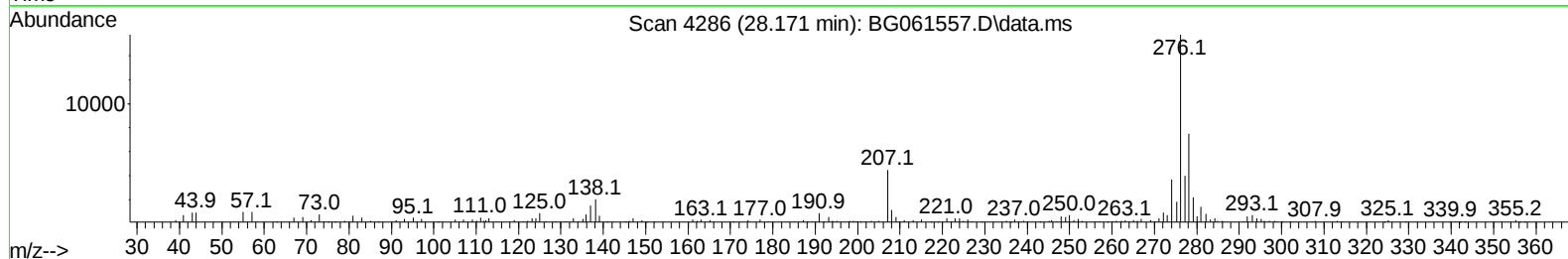
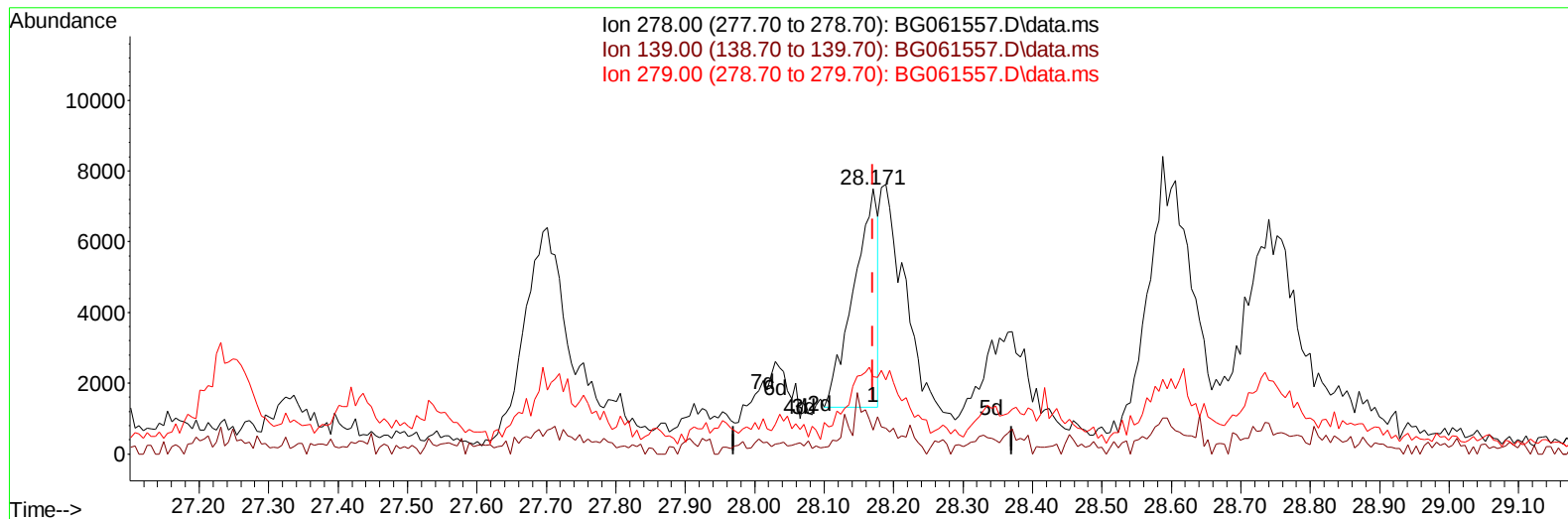
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061557.D
 Acq On : 8 Jun 2024 8:00
 Operator : MA/JU
 Sample : P2640-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:15:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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 QLast Update : Thu Jun 06 12:15:45 2024
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Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061557.D\data.ms

(95) Dibenzo(a,h)anthracene

28.171min (+ 0.001) 1.09 ng/u1

response 14870

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.01
279.00	24.90	29.26
0.00	0.00	0.00

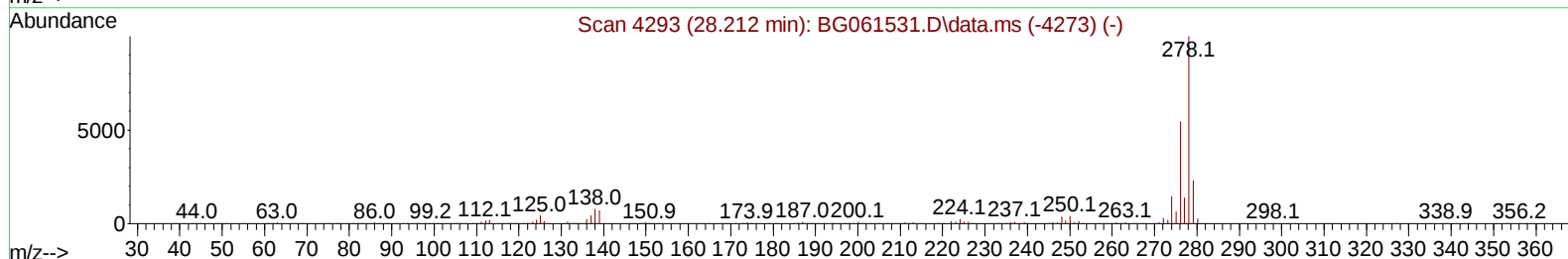
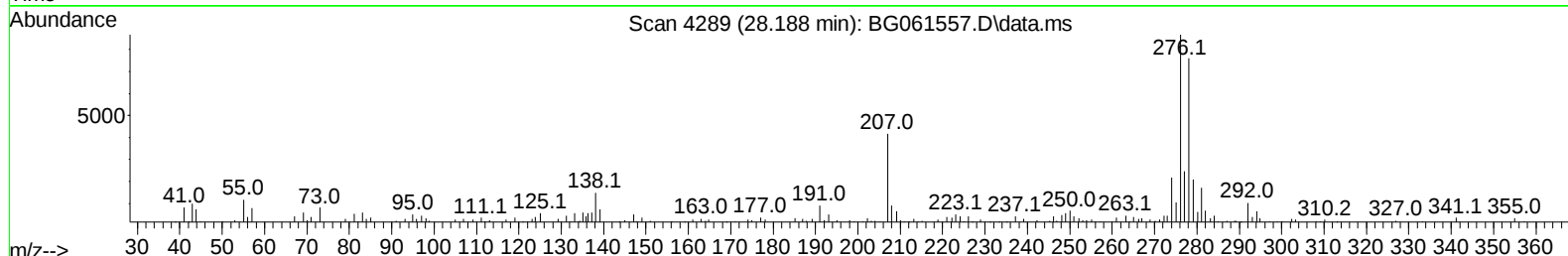
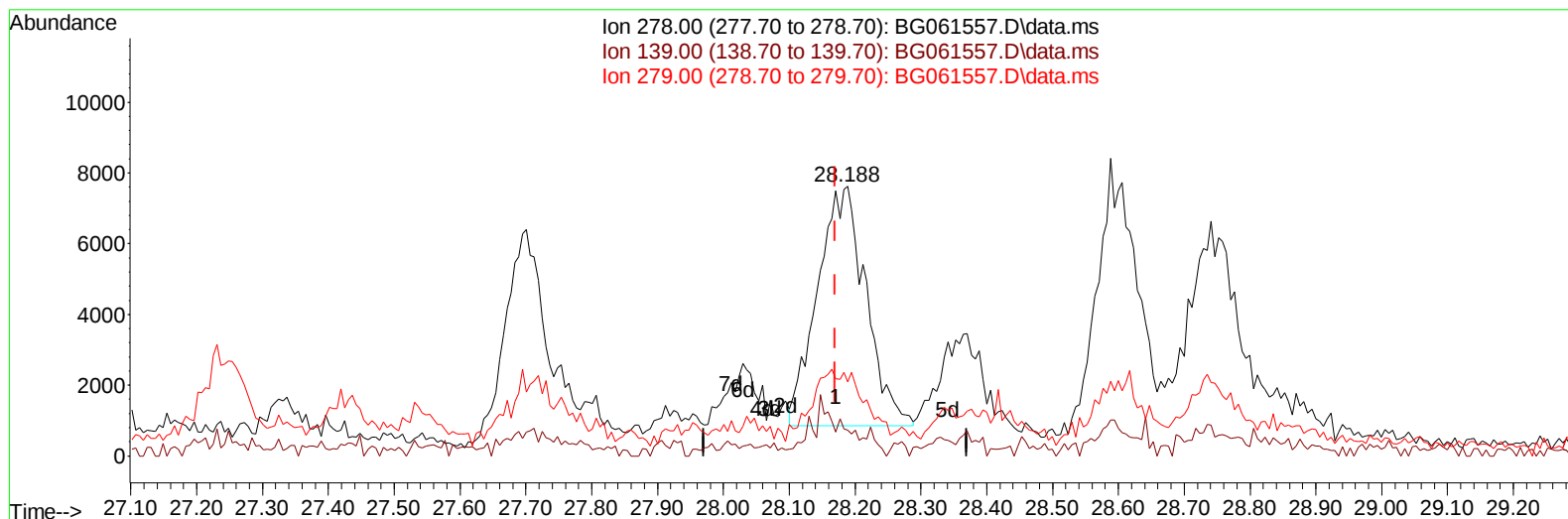
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061557.D
 Acq On : 8 Jun 2024 8:00
 Operator : MA/JU
 Sample : P2640-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:15:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061557.D\data.ms

(95) Dibenzo(a,h)anthracene

28.188min (+ 0.018) 2.52 ng/ul m

response 34540

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.56
279.00	24.90	27.54
0.00	0.00	0.00

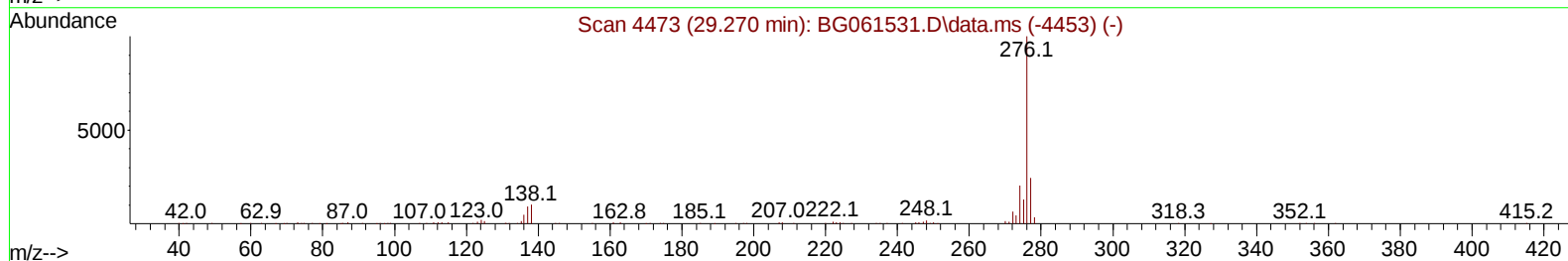
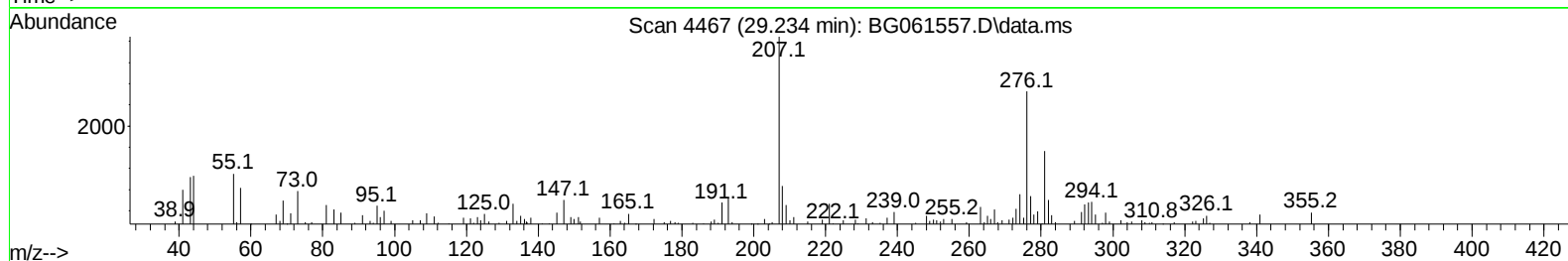
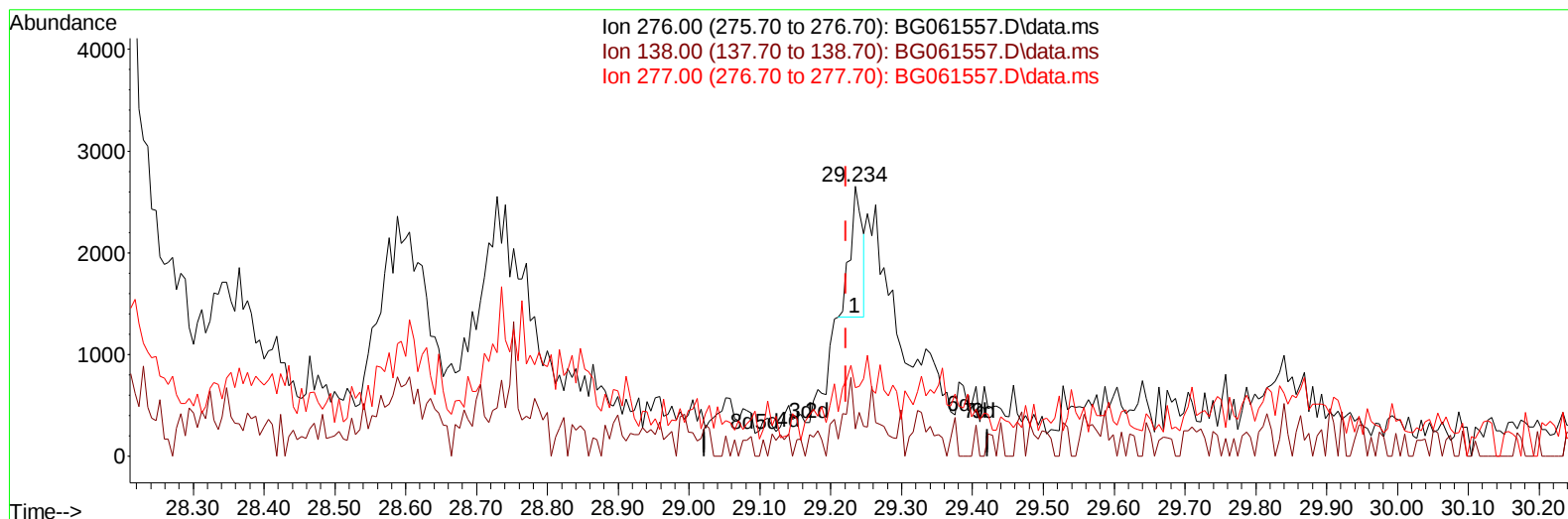
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:16:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061557.D\data.ms

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

29.234min (+ 0.012) 0.12 ng/u1

response 1520

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.15
277.00	22.70	25.42
0.00	0.00	0.00

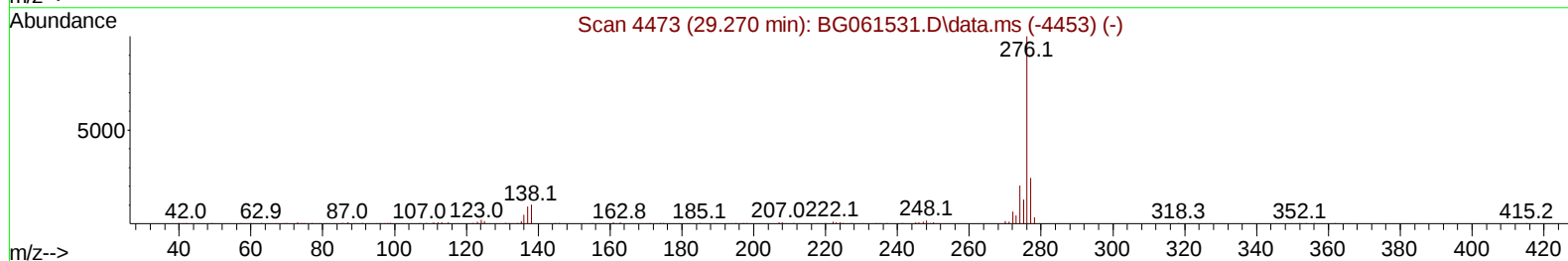
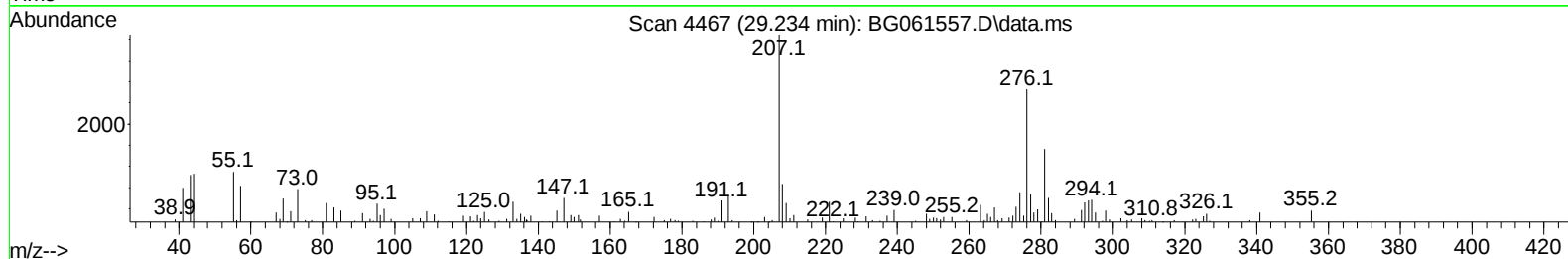
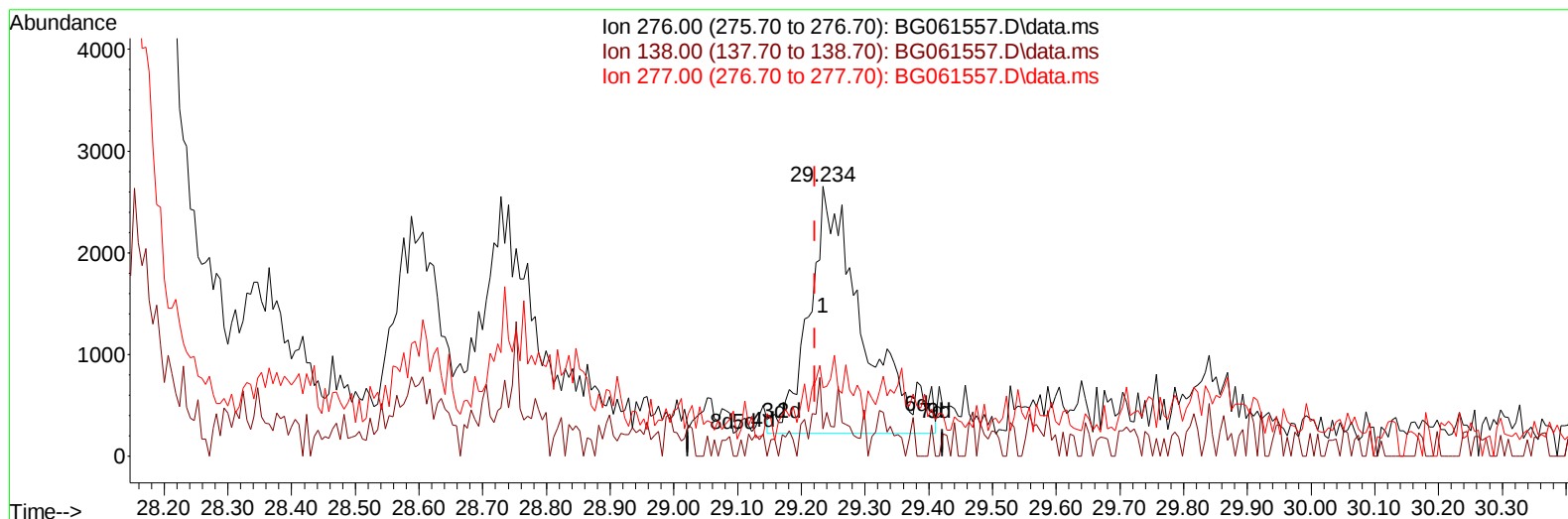
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061557.D
Acq On : 8 Jun 2024 8:00
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061557.D\data.ms

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

29.234min (+ 0.012) 1.07 ng/ul m

response 14152

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.15
277.00	22.70	25.42
0.00	0.00	0.00

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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C24

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	27715	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	109065	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	83834	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188	192902	20.000	ng/ul	0.00
79) Chrysene-d12	21.526	240	207235	20.000	ng/ul	0.00
88) Perylene-d12	24.628	264	242810	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1957	3.952	ng/uL	-0.03
4) Pyridine-d5	3.741	84	15174	8.612	ng/ul	-0.03
7) Phenol-d5	7.060	99	47236	20.754	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	27563	19.267	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.413	132	40058	23.782	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	40248	20.739	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	19622	23.367	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	24537	24.967	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	49658	25.919	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	30279	12.080	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	156068	24.003	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	167951	24.846	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	15857	19.726	ng/ul	0.00
60) Fluorene-d10	15.503	176	136387	24.296	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	20922	17.932	ng/ul	0.00
73) Anthracene-d10	17.360	188	228136	26.825	ng/ul	0.00
81) Pyrene-d10	19.657	212	258261	24.271	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.411	264	234790	20.113	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.715	128	7997	1.389	ng/ul	94
36) 2-Methylnaphthalene	12.325	142	8209	1.966	ng/ul	89
37) 1-Methylnaphthalene	12.548	142	7517	1.755	ng/ul#	98
52) Acenaphthene	14.575	153	45637	9.281	ng/ul	96
56) Dibenzofuran	14.910	168	37476	5.330	ng/ul	98
61) Fluorene	15.562	166	46201	7.595	ng/ul	97
72) Phenanthrene	17.307	178	576873	61.614	ng/ul	100
74) Anthracene	17.395	178	158112	16.333	ng/ul	98
77) Carbazole	17.671	167	69251	8.795	ng/ul	99
80) Fluoranthene	19.328	202	639573	50.105	ng/ul	98
82) Pyrene	19.693	202	497643	37.558	ng/ul	97
85) Benzo(a)anthracene	21.508	228	343801	24.043	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.408	149	7289	1.082	ng/ul	94
87) Chrysene	21.573	228	315101m	23.932	ng/ul	
90) Benzo(b)fluoranthene	23.647	252	312374	21.607	ng/ul	99
91) Benzo(k)fluoranthene	23.705	252	121396m	8.272	ng/ul	
93) Benzo(a)pyrene	24.481	252	159700	11.633	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.147	276	93812m	5.651	ng/ul	
95) Dibenzo(a,h)anthracene	28.188	278	34540m	2.523	ng/ul	
96) Benzo(g,h,i)perylene	29.234	276	14152m	1.072	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

A4C24

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/10/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061557.D
 Acq On : 8 Jun 2024 8:00
 Operator : MA/JU
 Sample : P2640-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C24

Manual IntegrationsAPPROVED

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