

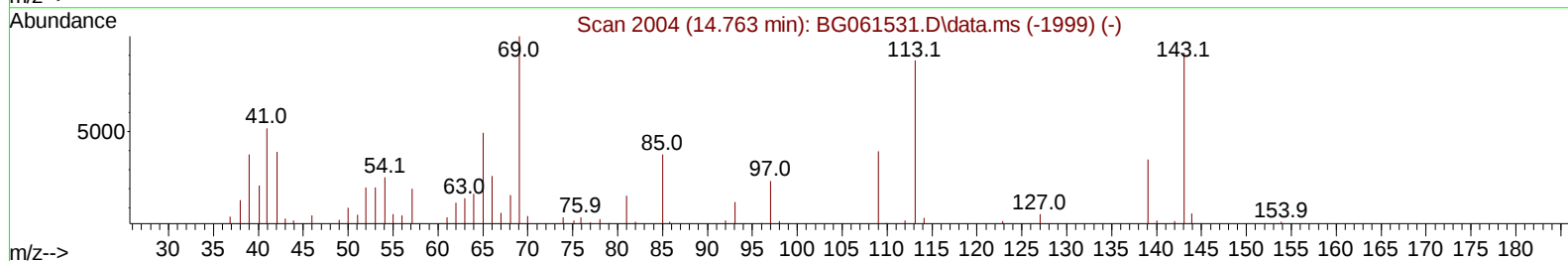
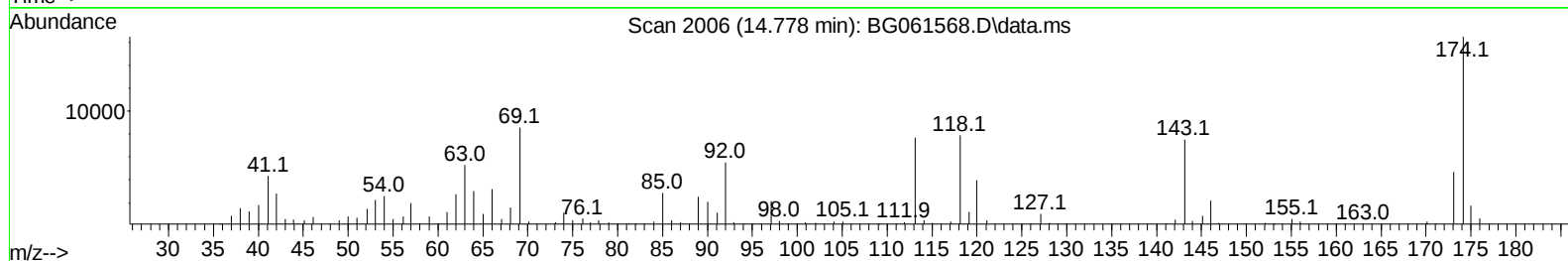
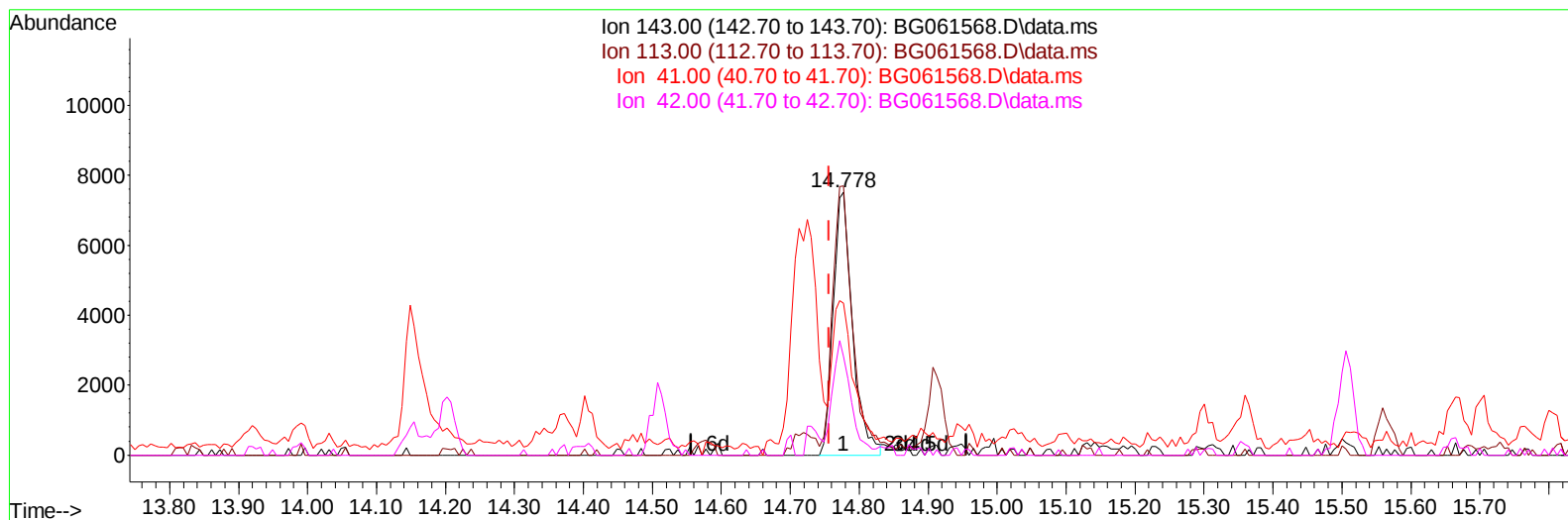
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:02:01 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: BG061568.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.778min (+ 0.021) 19.91 ng/u1

response 14580

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	102.22
41.00	77.10	57.74#
42.00	49.50	37.38#

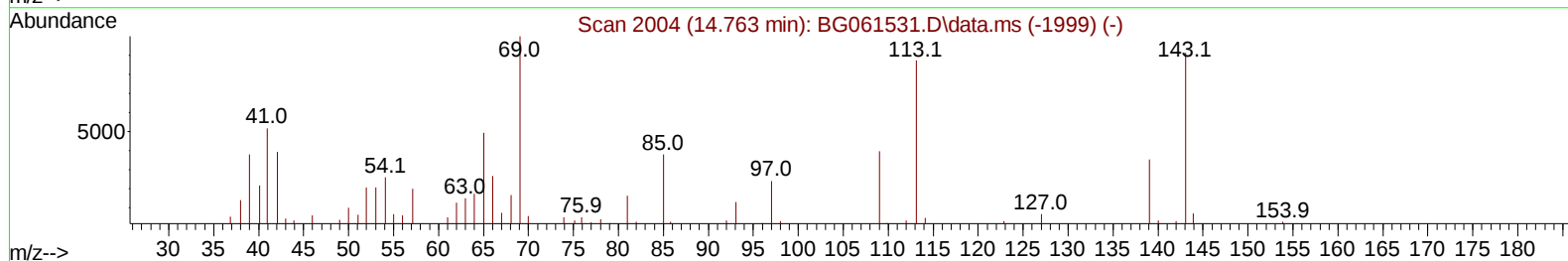
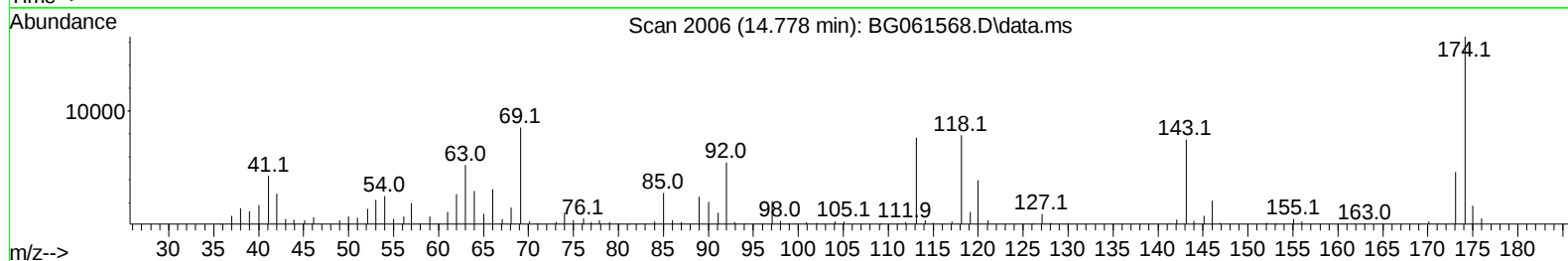
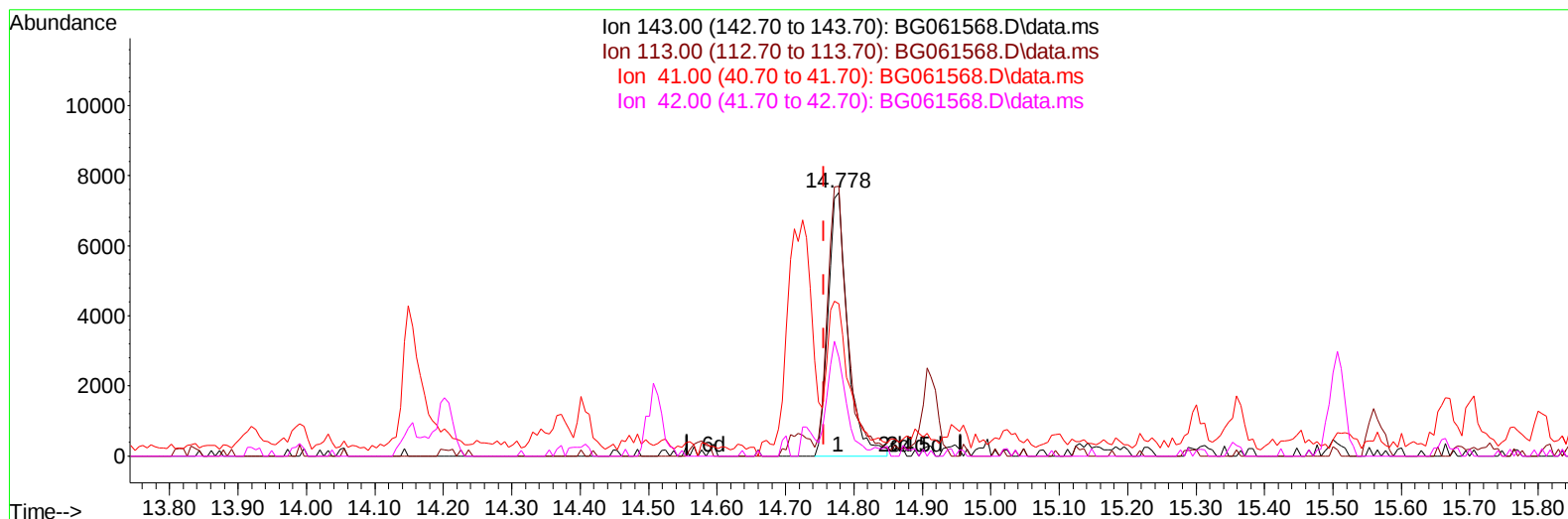
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:02:01 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: BG061568.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.778min (+ 0.021) 20.28 ng/ul m

response 14848

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	102.22
41.00	77.10	57.74#
42.00	49.50	37.38#

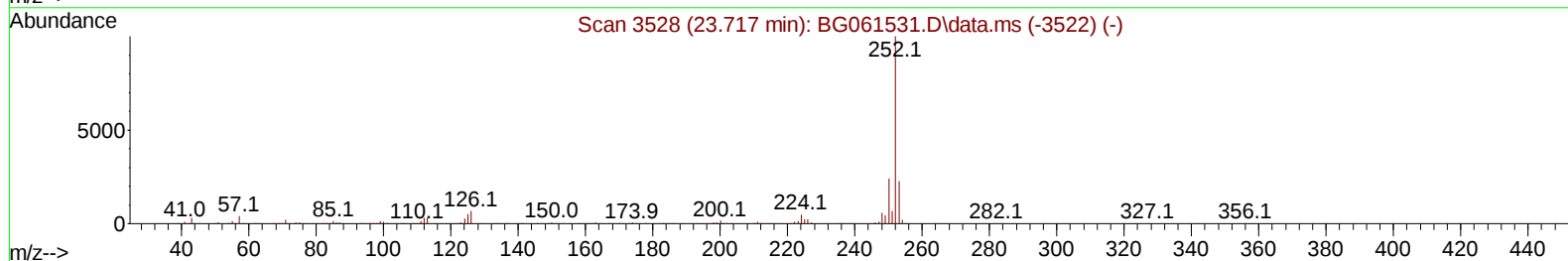
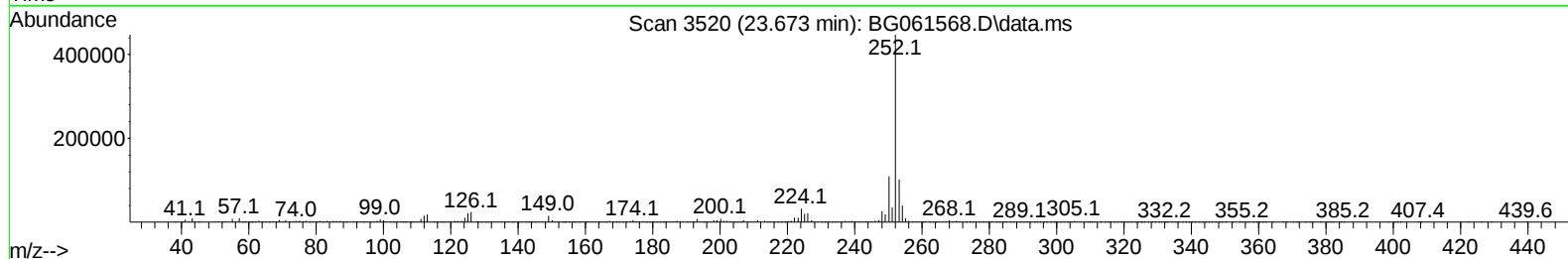
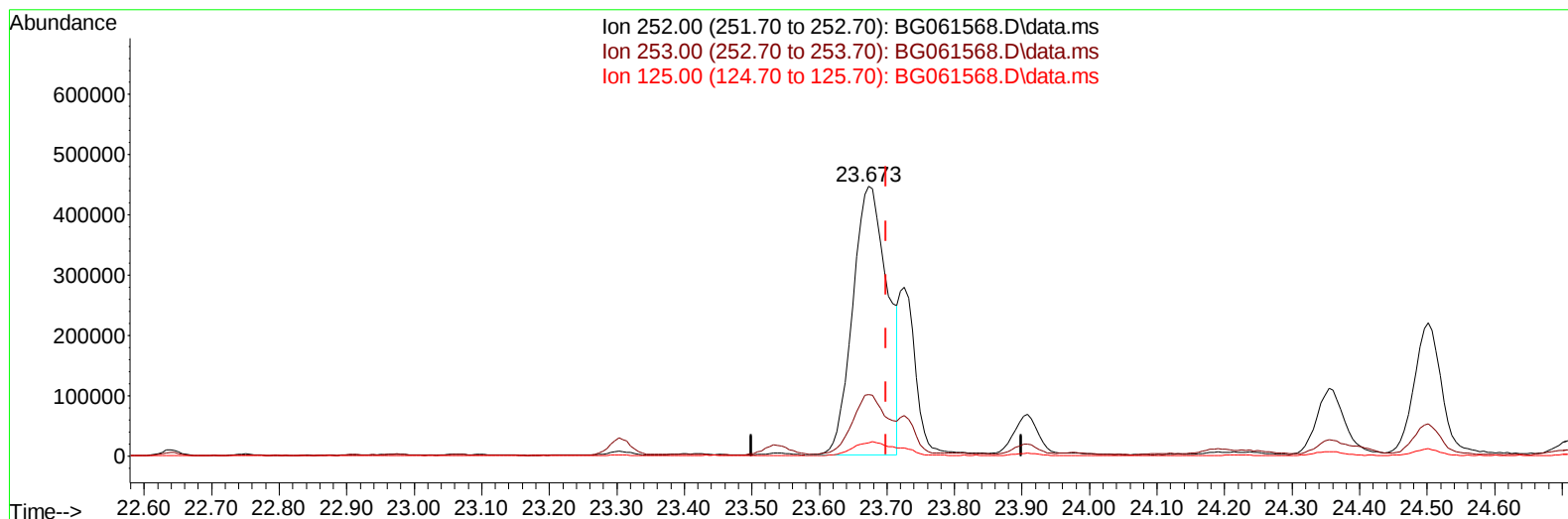
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:57:37 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: BG061568.D\data.ms

(91) Benzo(k)fluoranthene

23.673min (-0.026) 120.48 ng/u1

response 1603258

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.79
125.00	5.40	4.90
0.00	0.00	0.00

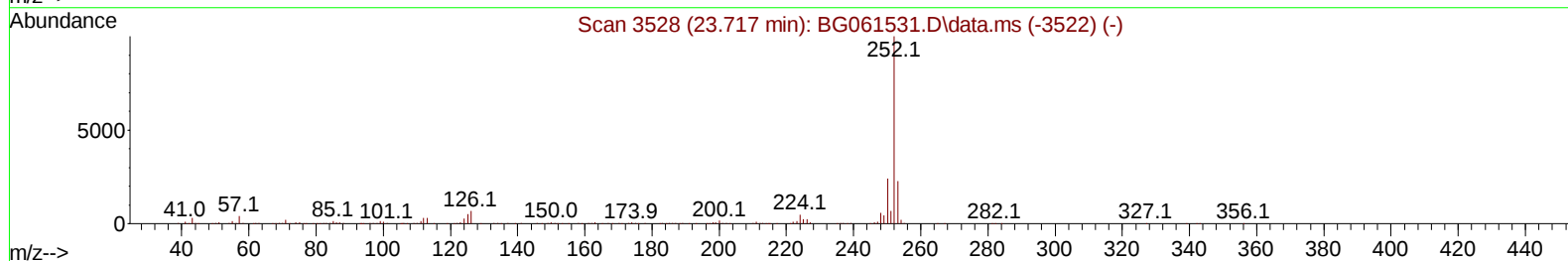
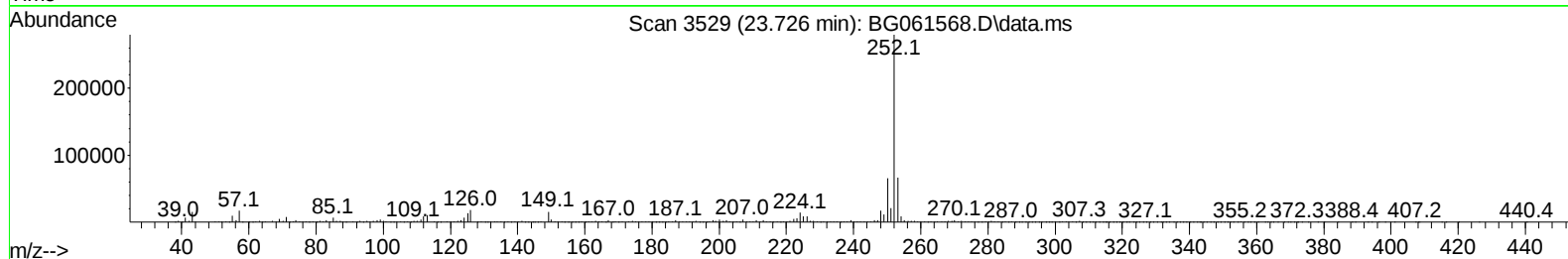
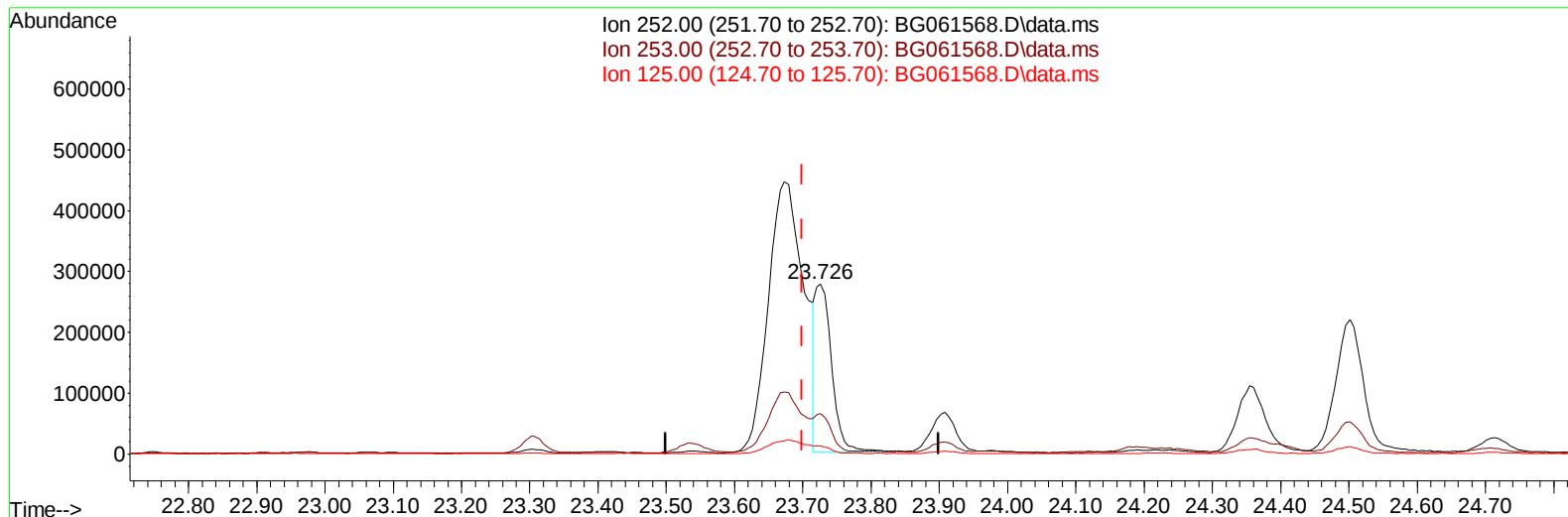
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:57:37 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: BG061568.D\data.ms

(91) Benzo(k)fluoranthene

23.726min (+ 0.027) 35.08 ng/ul m

response 466894

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.78
125.00	5.40	4.68
0.00	0.00	0.00

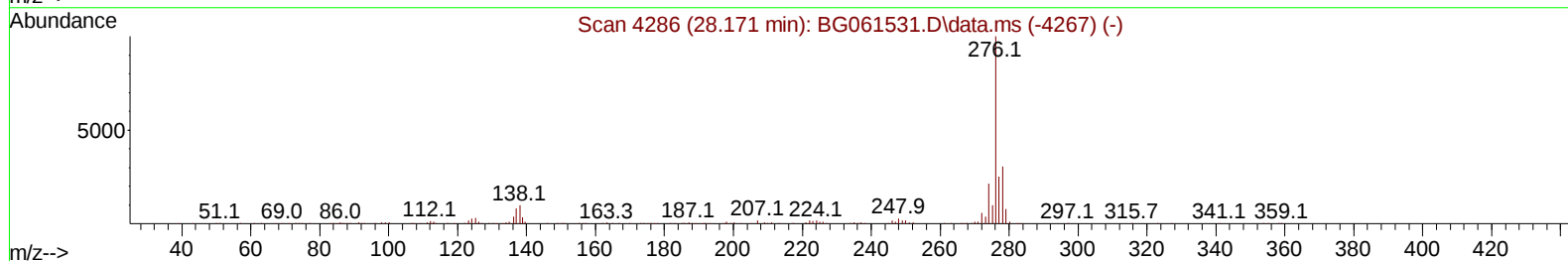
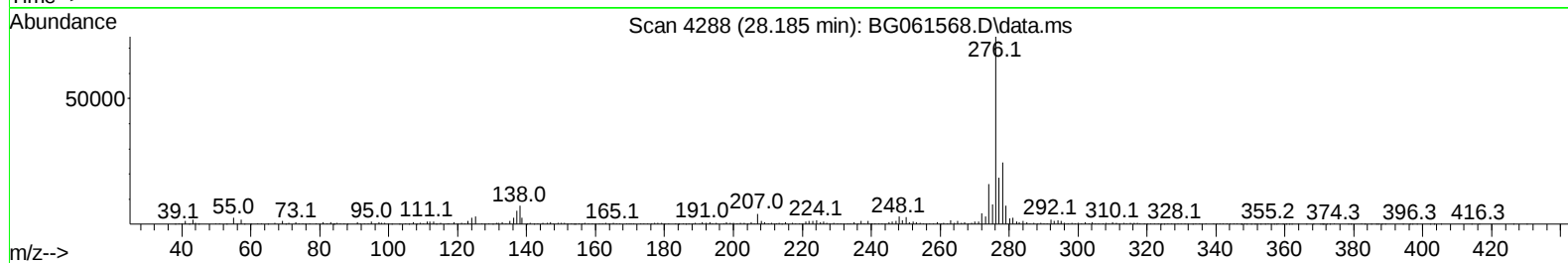
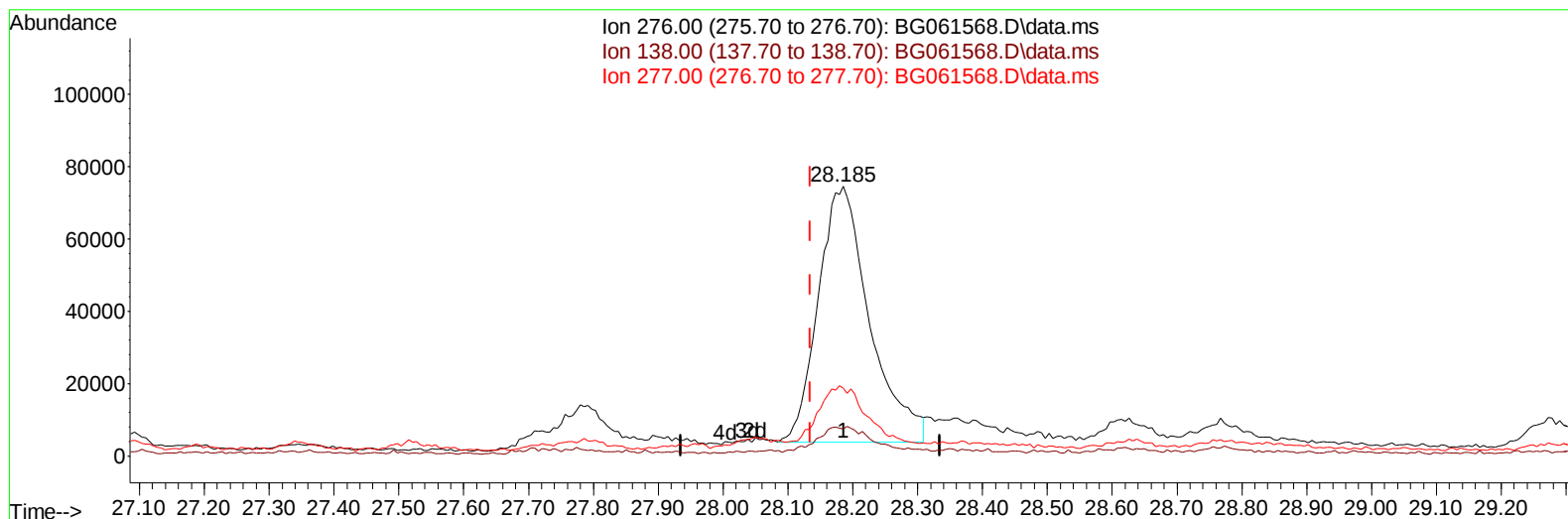
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:58:03 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: BG061568.D\data.ms

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

28.185min (+ 0.050) 25.91 ng/u1

response 390047

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	13.58#
277.00	24.60	25.02
0.00	0.00	0.00

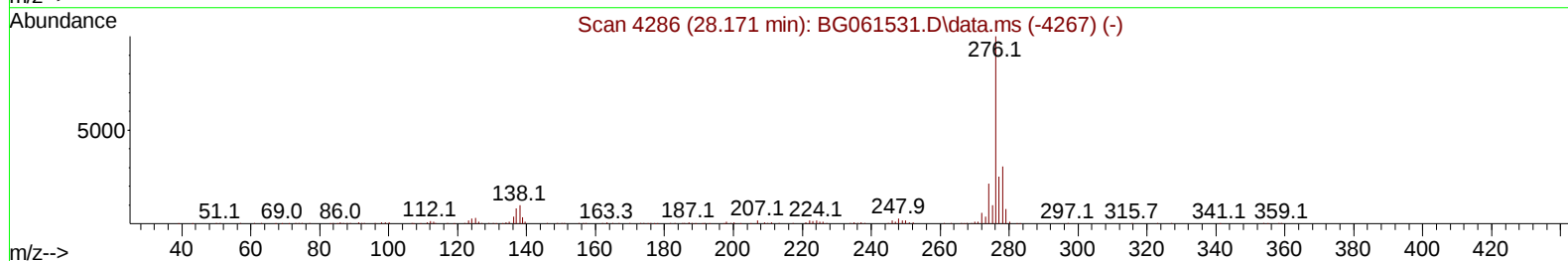
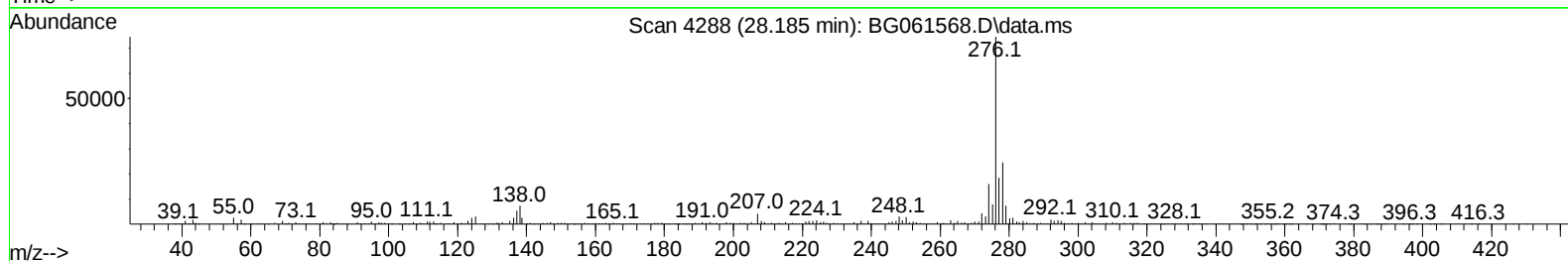
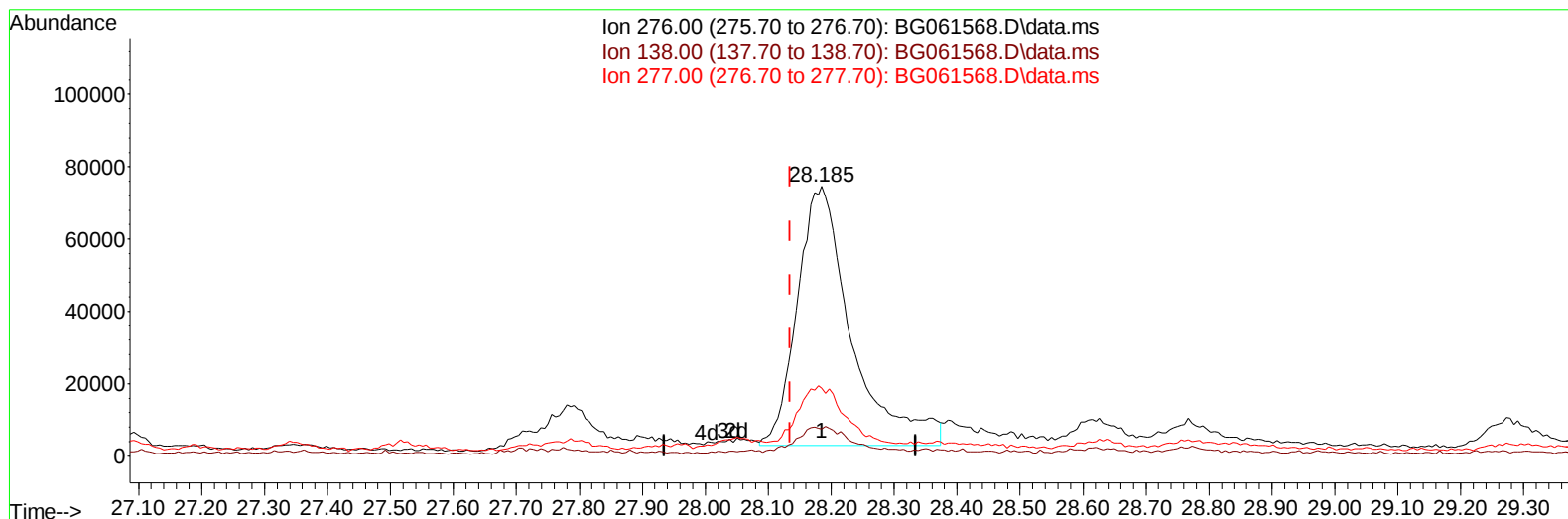
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:58:03 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: BG061568.D\data.ms

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

28.185min (+ 0.050) 28.55 ng/ul m

response 429689

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	9.93
277.00	24.60	25.02
0.00	0.00	0.00

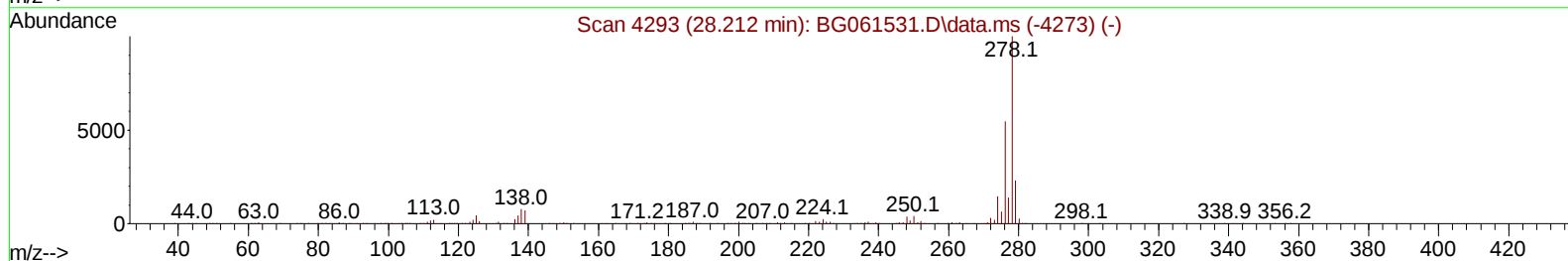
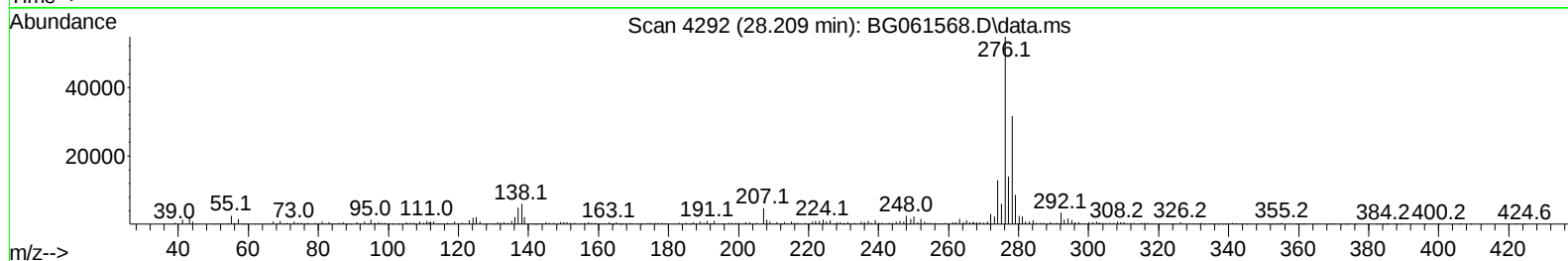
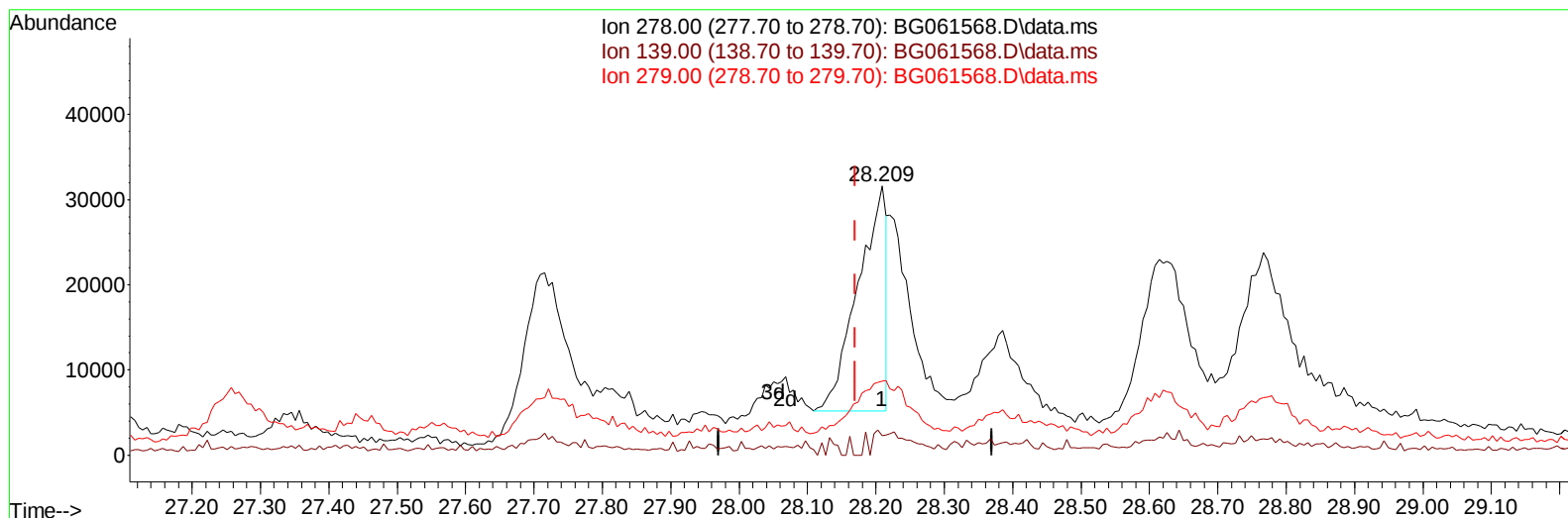
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:58:39 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: BG061568.D\data.ms

(95) Dibenzo(a,h)anthracene

28.209min (+ 0.039) 6.11 ng/u1

response 75870

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.24
279.00	24.90	27.41
0.00	0.00	0.00

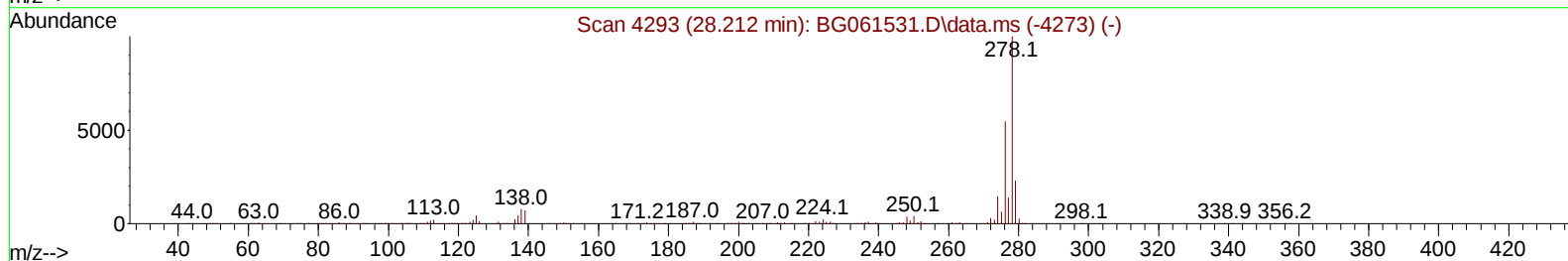
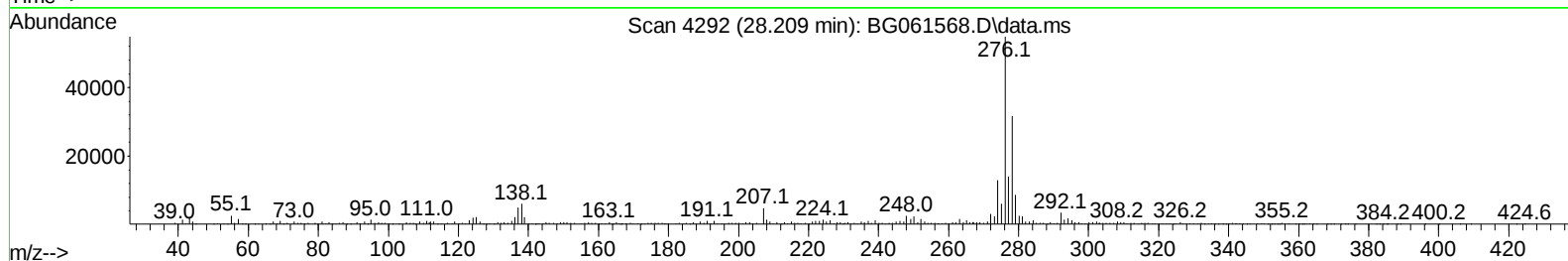
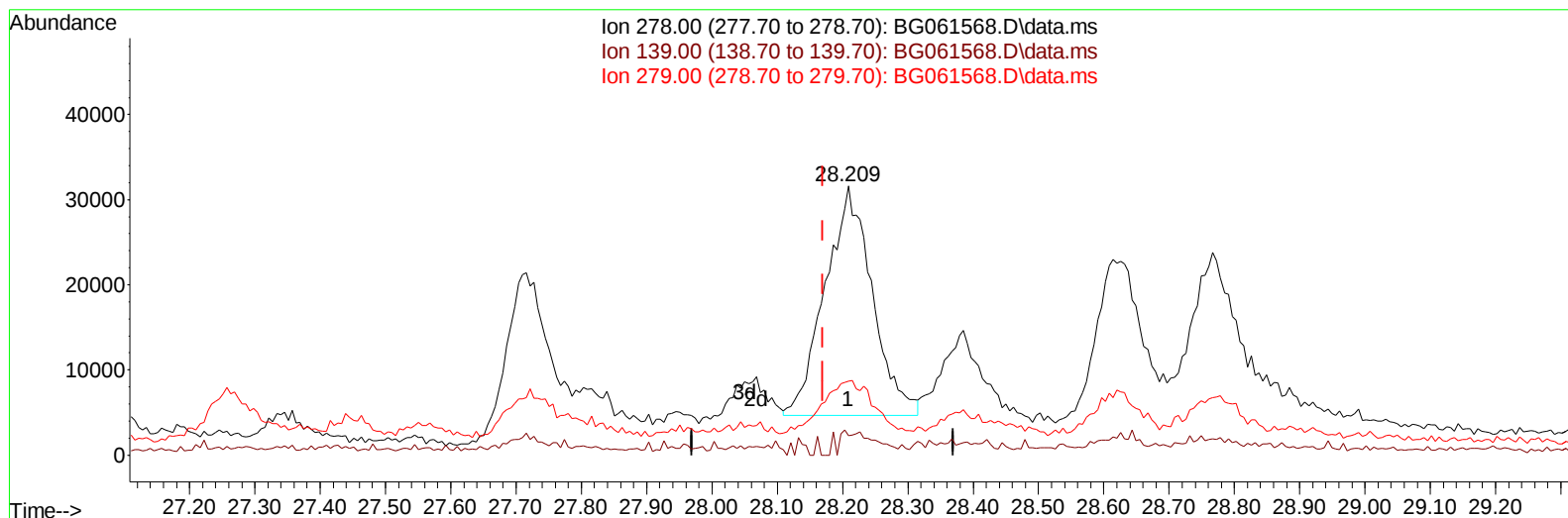
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:58:39 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: BG061568.D\data.ms

(95) Dibenzo(a,h)anthracene

28.209min (+ 0.039) 10.87 ng/ul m

response 134866

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.24
279.00	24.90	27.41
0.00	0.00	0.00

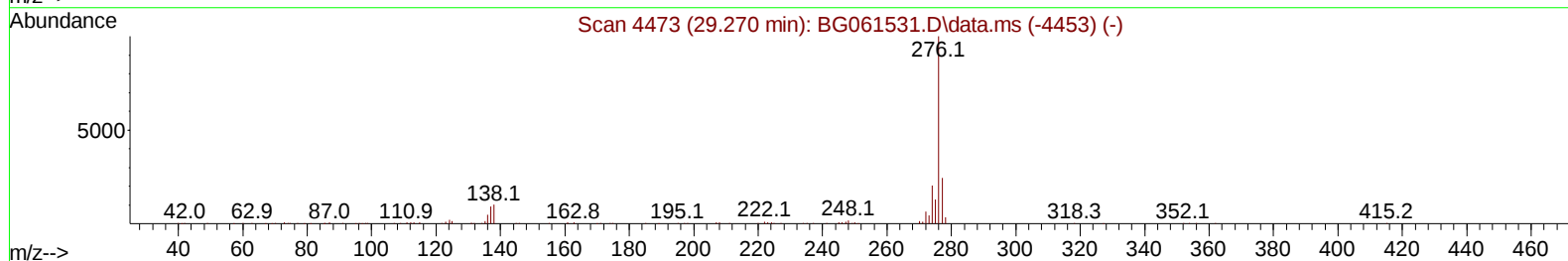
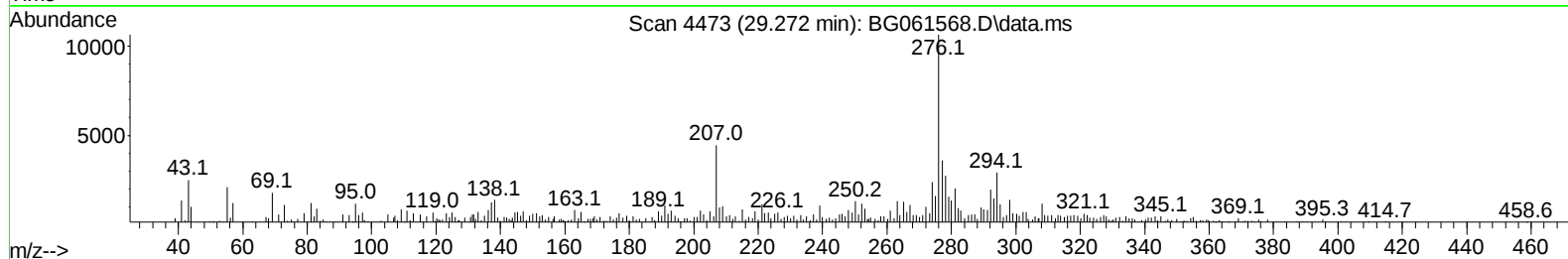
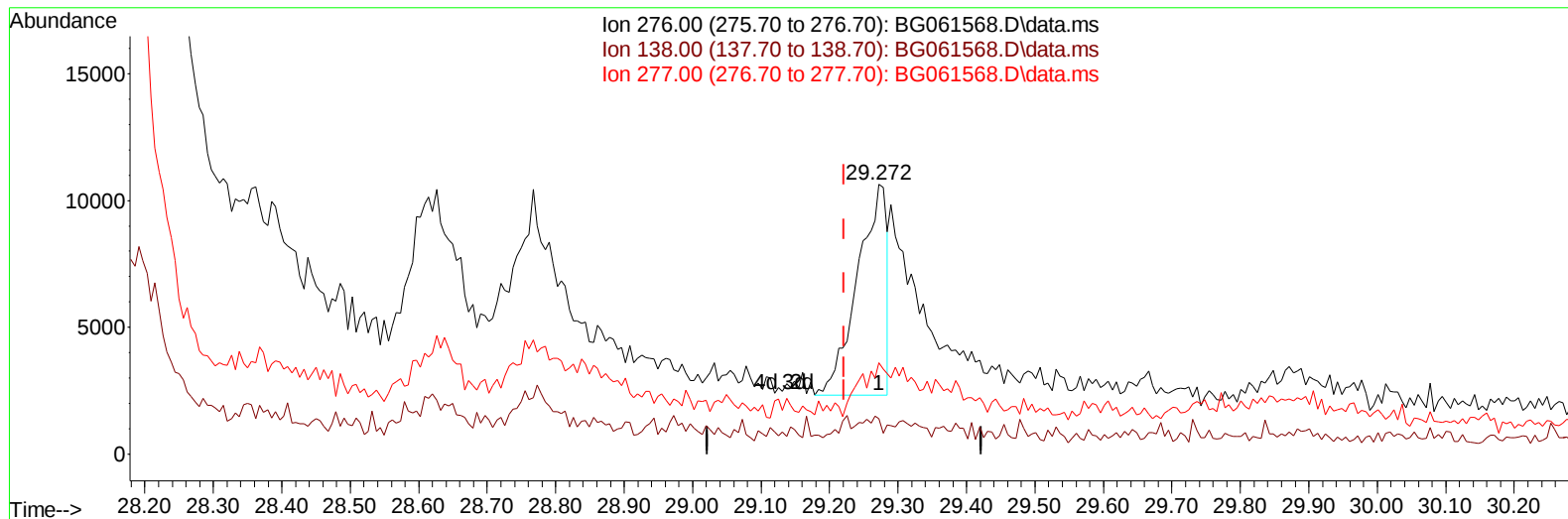
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:59:06 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: BG061568.D\data.ms

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

29.272min (+ 0.050) 2.05 ng/u1

response 24500

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	13.03
277.00	22.70	33.81#
0.00	0.00	0.00

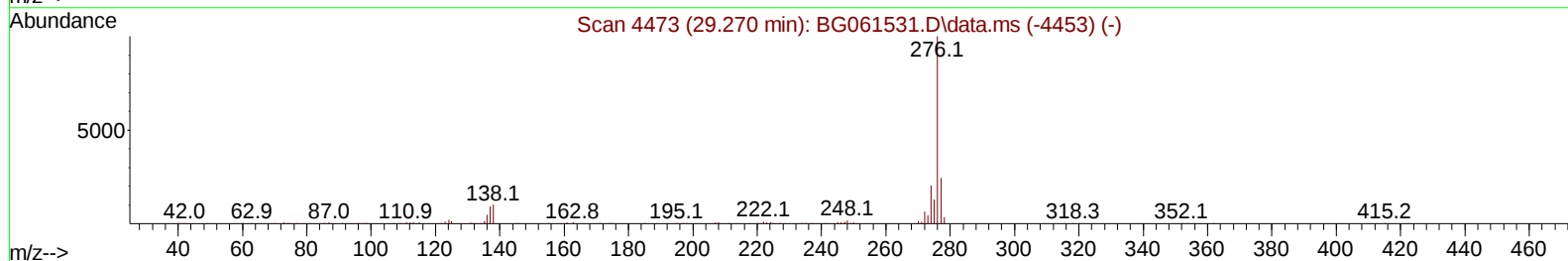
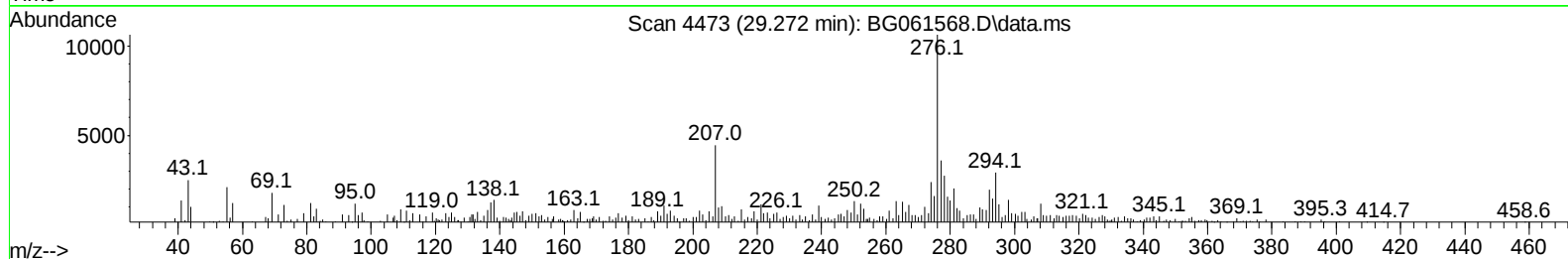
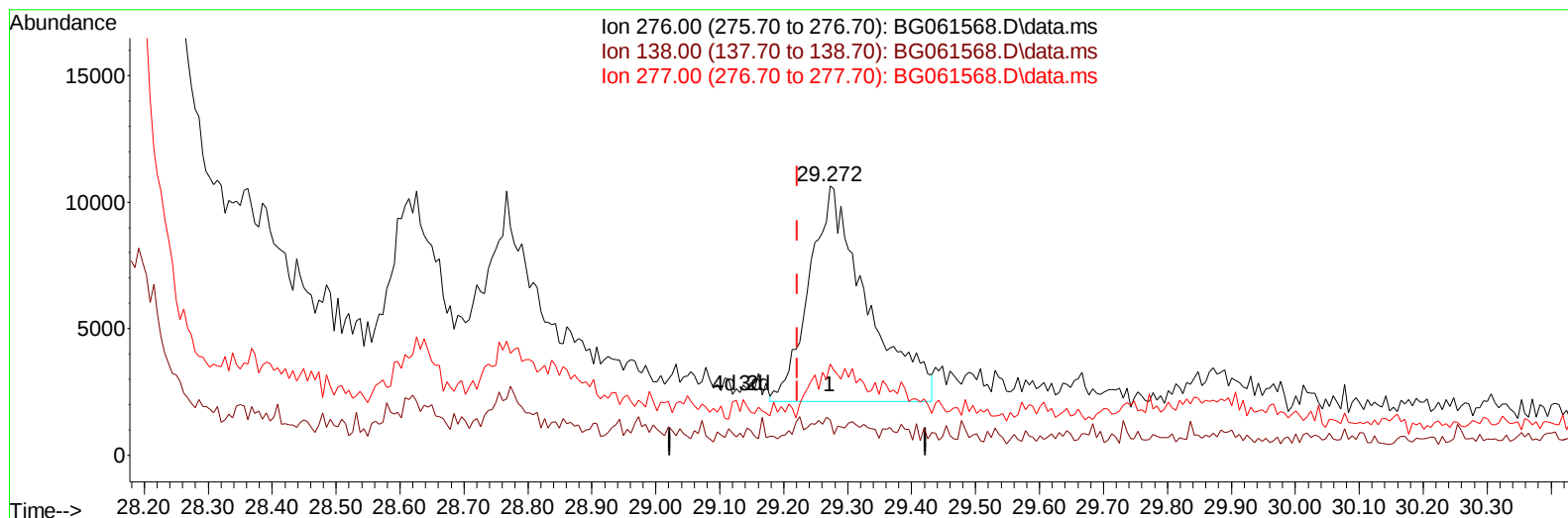
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:59:06 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: BG061568.D\data.ms

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

29.272min (+ 0.050) 4.45 ng/u1 m

response 53323

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	13.03
277.00	22.70	33.81#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061568.D
 Acq On : 8 Jun 2024 16:54
 Operator : MA/JU
 Sample : P2647-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:59:32 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	27753	20.000	ng/ul	0.00
20) Naphthalene-d8	10.665	136	103382	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.513	164	76371	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	178979	20.000	ng/ul	0.00
79) Chrysene-d12	21.534	240	195353	20.000	ng/ul	0.02
88) Perylene-d12	24.642	264	220168	20.000	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	1902	3.835	ng/uL	-0.03
4) Pyridine-d5	3.743	84	17280	9.794	ng/ul	-0.03
7) Phenol-d5	7.063	99	48271	21.180	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	30917	21.582	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.416	132	43272	25.655	ng/ul	0.00
15) 4-Methylphenol-d8	8.597	113	32488	16.717	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128	22631	28.432	ng/ul	0.00
24) 2-Nitrophenol-d4	9.754	143	26453	28.397	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	53059	29.216	ng/ul	0.00
31) 4-Chloroaniline-d4	10.812	131	12395	5.217	ng/ul	0.00
46) Dimethylphthalate-d6	13.914	166	170764	28.830	ng/ul	0.00
49) Acenaphthylene-d8	14.202	160	181787	29.521	ng/ul	0.00
54) 4-Nitrophenol-d4	14.778	143	14848m	20.276	ng/ul	0.02
60) Fluorene-d10	15.506	176	149642	29.262	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.659	200	16862	15.577	ng/ul	0.00
73) Anthracene-d10	17.369	188	253403	32.114	ng/ul	0.00
81) Pyrene-d10	19.666	212	266291	26.548	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.431	264	228488	21.587	ng/ul	0.03
Target Compounds						
					Qvalue	
30) Naphthalene	10.718	128	24395	4.471	ng/ul	96
36) 2-Methylnaphthalene	12.327	142	16837	4.255	ng/ul	97
37) 1-Methylnaphthalene	12.545	142	18267	4.498	ng/ul	97
43) 1,1'-Biphenyl	13.338	154	6171	1.250	ng/ul	93
50) Acenaphthylene	14.237	152	8639	1.265	ng/ul#	76
52) Acenaphthene	14.578	153	83778	18.703	ng/ul	97
56) Dibenzofuran	14.913	168	59865	9.347	ng/ul	98
61) Fluorene	15.565	166	88925	16.047	ng/ul	99
72) Phenanthrene	17.316	178	1735947	199.835	ng/ul	99
74) Anthracene	17.404	178	281560	31.348	ng/ul	97
77) Carbazole	17.674	167	117149	16.036	ng/ul	99
78) Di-n-butylphthalate	18.244	149	2979755	325.516	ng/ul	97
80) Fluoranthene	19.343	202	2435927	202.439	ng/ul	100
82) Pyrene	19.701	202	1890134	151.329	ng/ul	98
83) Butylbenzylphthalate	20.577	149	166835	38.883	ng/ul	98
85) Benzo(a)anthracene	21.517	228	1253573	92.999	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.411	149	218073	34.335	ng/ul#	99
87) Chrysene	21.581	228	1278582	103.014	ng/ul	97
90) Benzo(b)fluoranthene	23.673	252	1603258	122.305	ng/ul	99
91) Benzo(k)fluoranthene	23.726	252	466894m	35.085	ng/ul	
93) Benzo(a)pyrene	24.501	252	613814	49.312	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.185	276	429689m	28.545	ng/ul	
95) Dibenzo(a,h)anthracene	28.209	278	134866m	10.866	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061568.D
Acq On : 8 Jun 2024 16:54
Operator : MA/JU
Sample : P2647-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS2

Manual IntegrationsAPPROVED

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

Quant Time: Jun 09 23:59:32 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	29.272	276	53323m	4.453	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061568.D
 Acq On : 8 Jun 2024 16:54
 Operator : MA/JU
 Sample : P2647-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS2

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:59:32 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

