

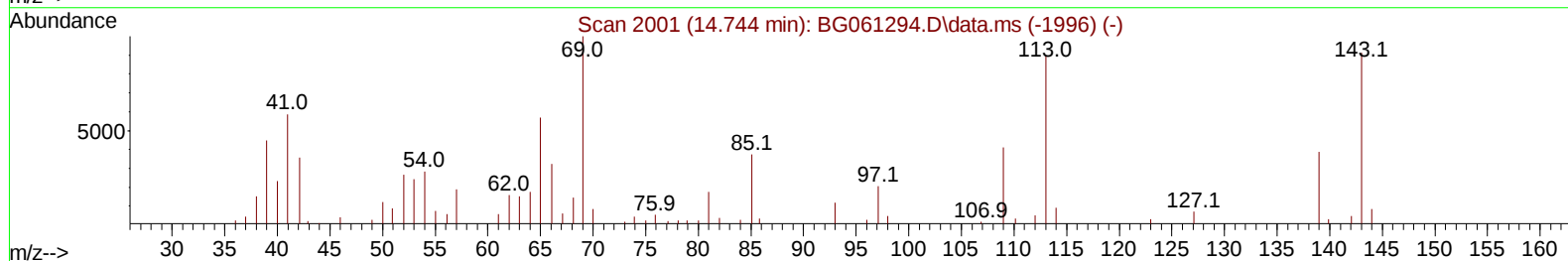
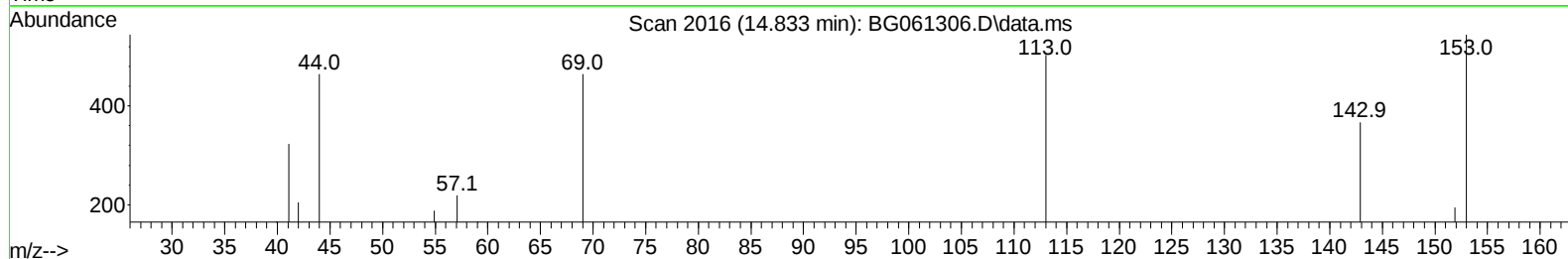
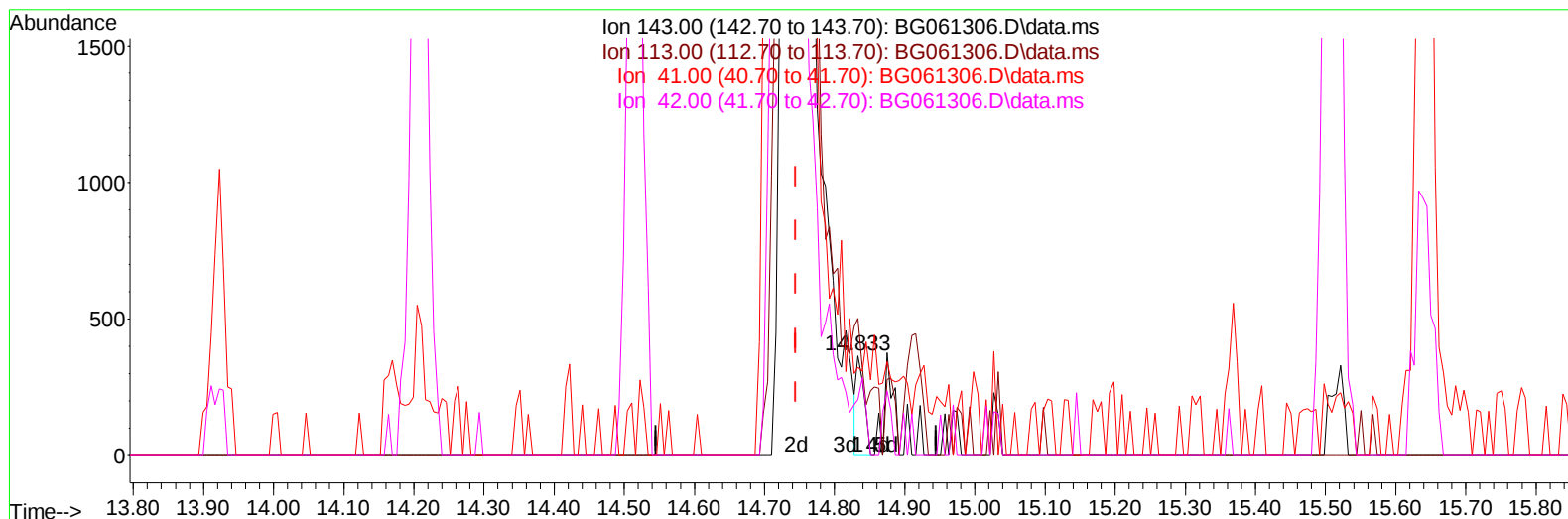
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061306.D
Acq On : 28 May 2024 19:22
Operator : MA/JU
Sample : P2568-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5R5

Manual IntegrationsAPPROVED

Quant Time: May 28 22:55:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



TIC: BG061306.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.833min (+ 0.088) 0.29 ng/u1

response 284

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	137.06
41.00	77.10	88.01
42.00	49.50	55.86

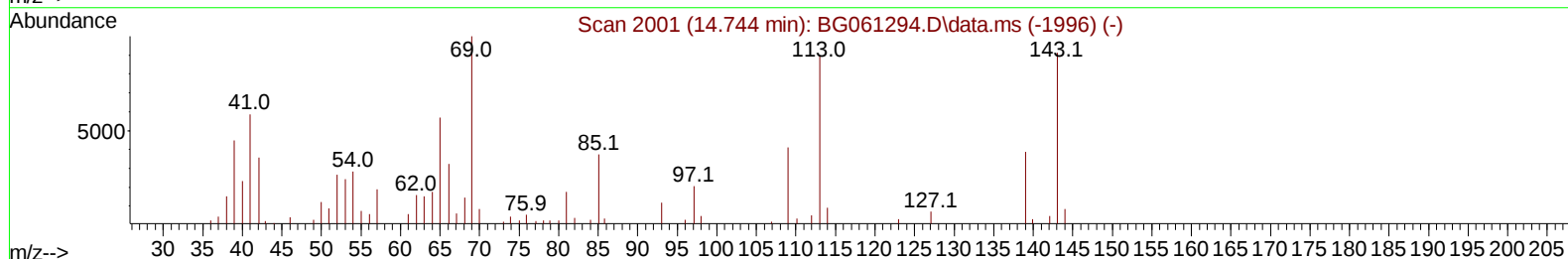
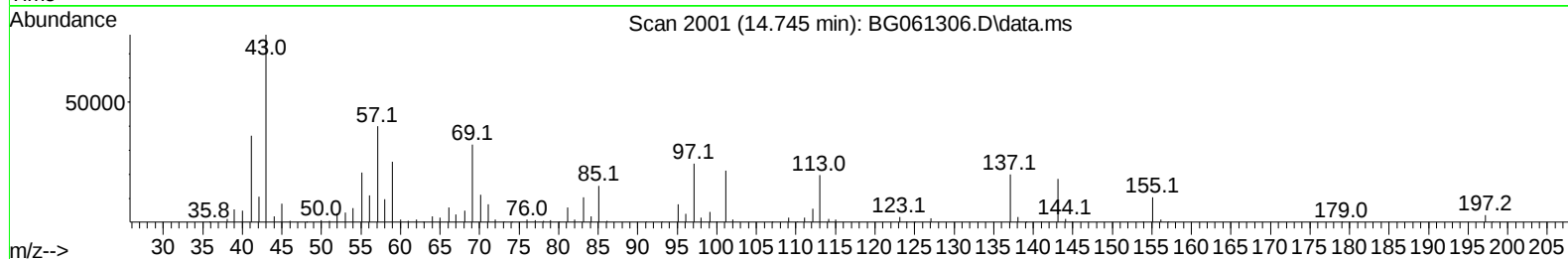
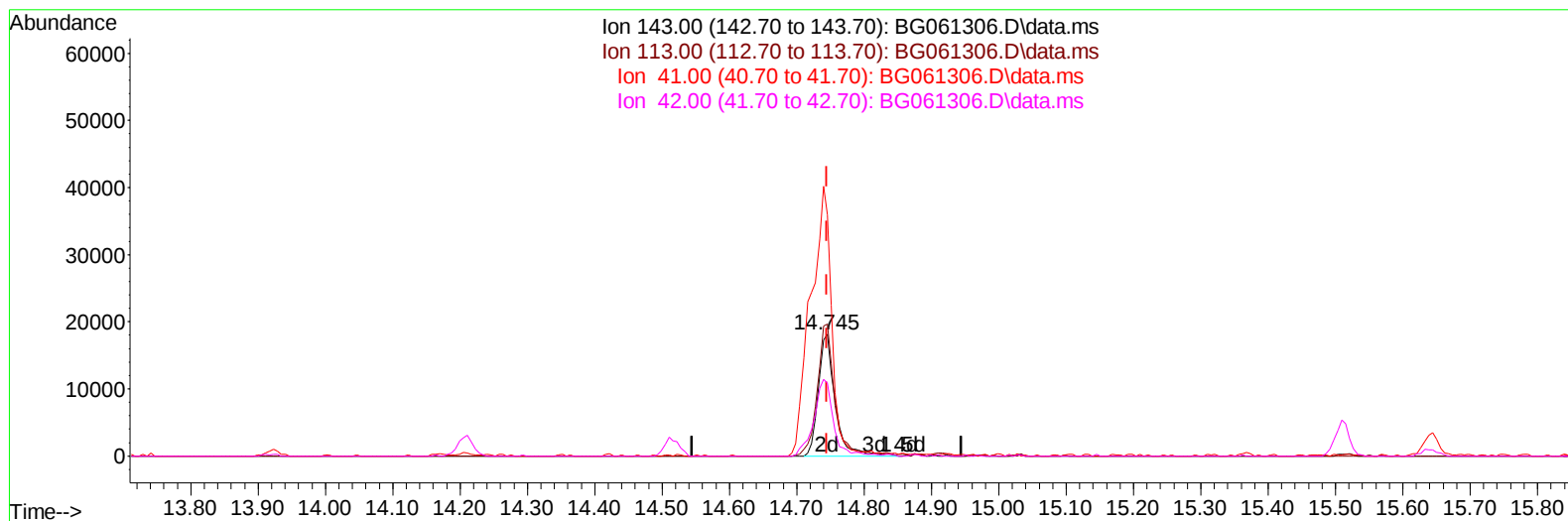
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061306.D
Acq On : 28 May 2024 19:22
Operator : MA/JU
Sample : P2568-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5R5

Manual IntegrationsAPPROVED

Quant Time: May 28 22:55:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



TIC: BG061306.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.745min (+ 0.000) 32.38 ng/ul m

response 31720

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	108.57
41.00	77.10	198.72#
42.00	49.50	60.06#

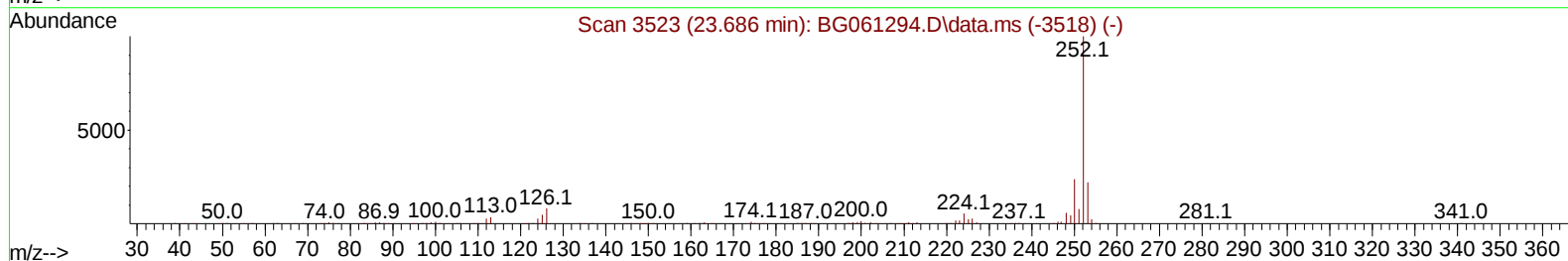
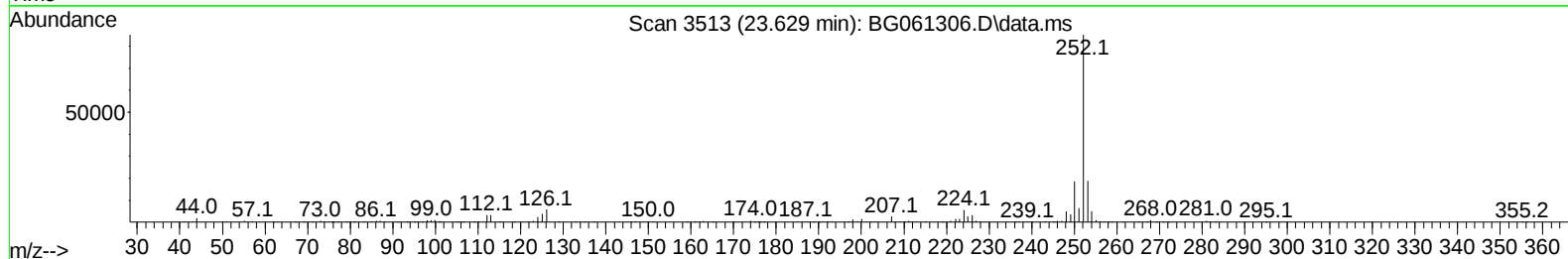
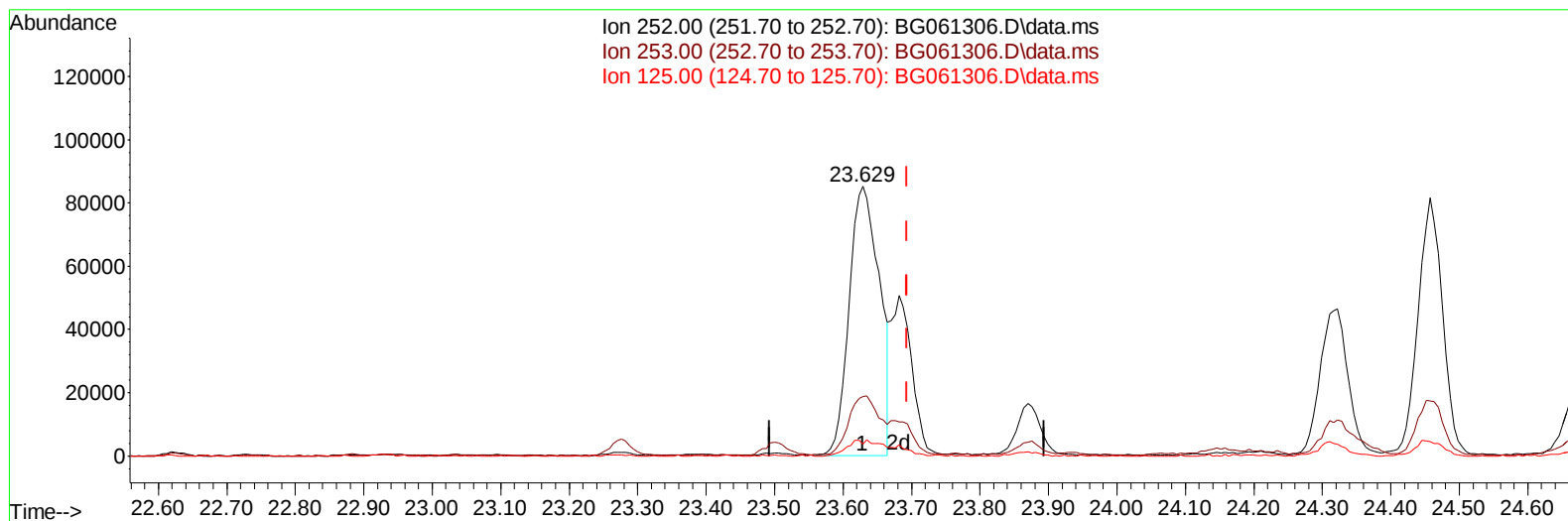
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061306.D
 Acq On : 28 May 2024 19:22
 Operator : MA/JU
 Sample : P2568-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5R5

Manual IntegrationsAPPROVED

Quant Time: May 28 23:00:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



TIC: BG061306.D\data.ms

(91) Benzo(k)fluoranthene

23.629min (-0.065) 15.66 ng/u1

response 261101

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.10
125.00	5.40	4.48
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061306.D
Acq On : 28 May 2024 19:22
Operator : MA/JU
Sample : P2568-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

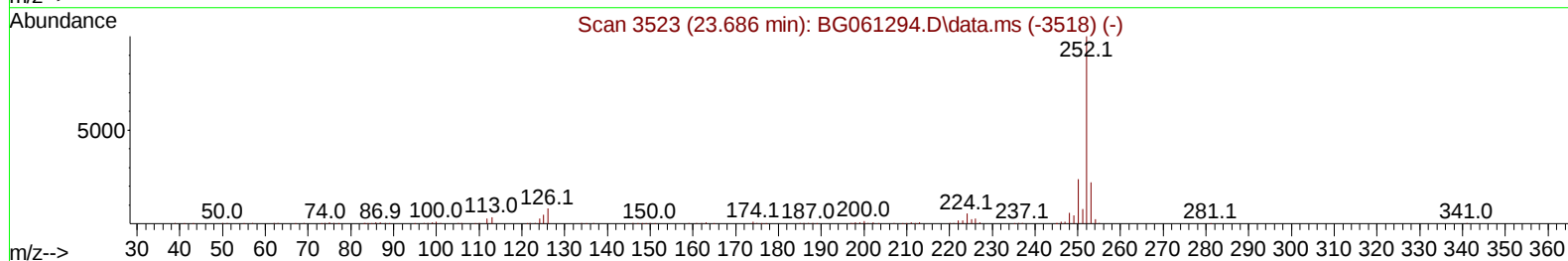
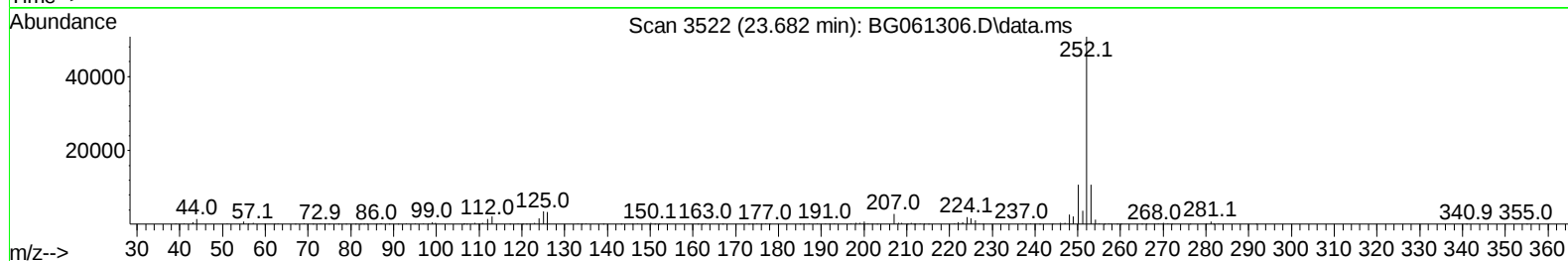
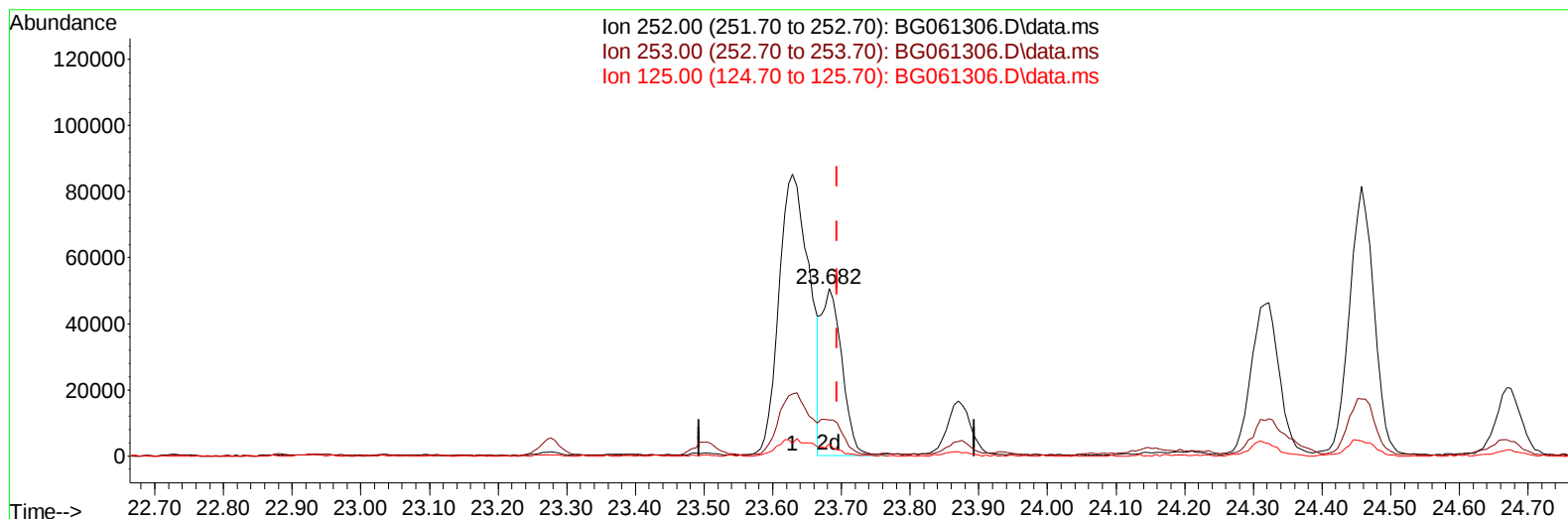
ClientSampleId :

BH5R5

Manual IntegrationsAPPROVED

Quant Time: May 28 23:00:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



TIC: BG061306.D\data.ms

(91) Benzo(k)fluoranthene

23.682min (-0.012) 6.35 ng/u1 m

response 105811

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.35
125.00	5.40	7.01#
0.00	0.00	0.00

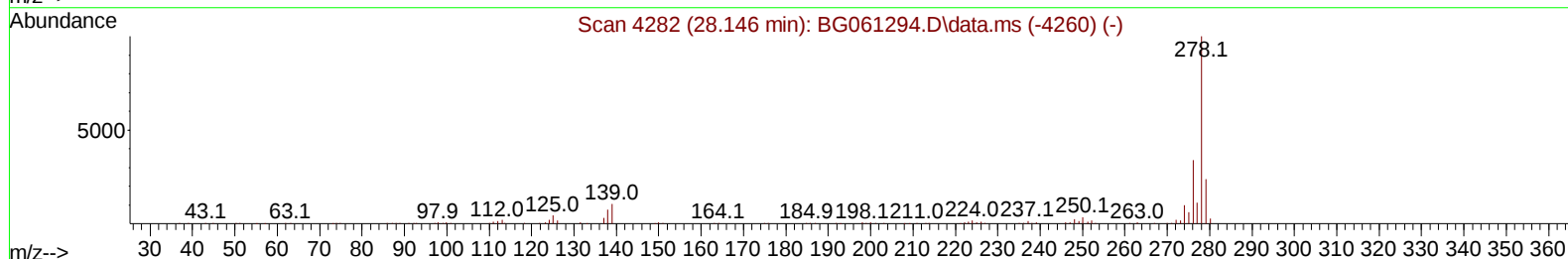
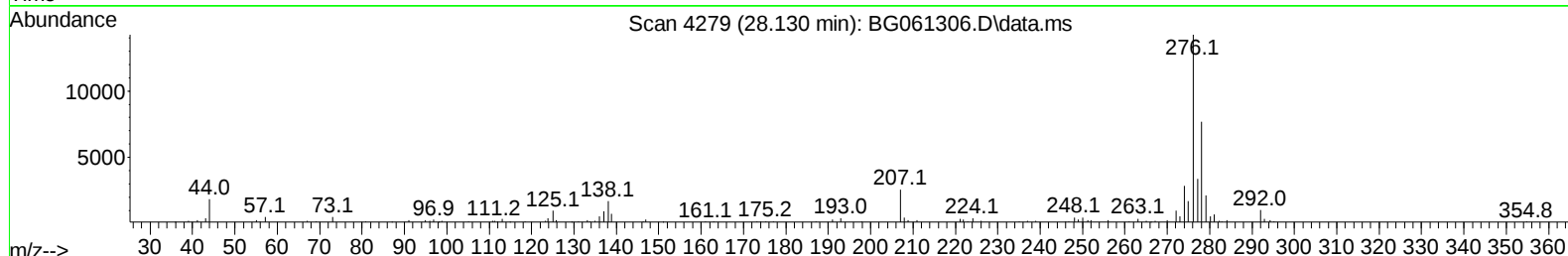
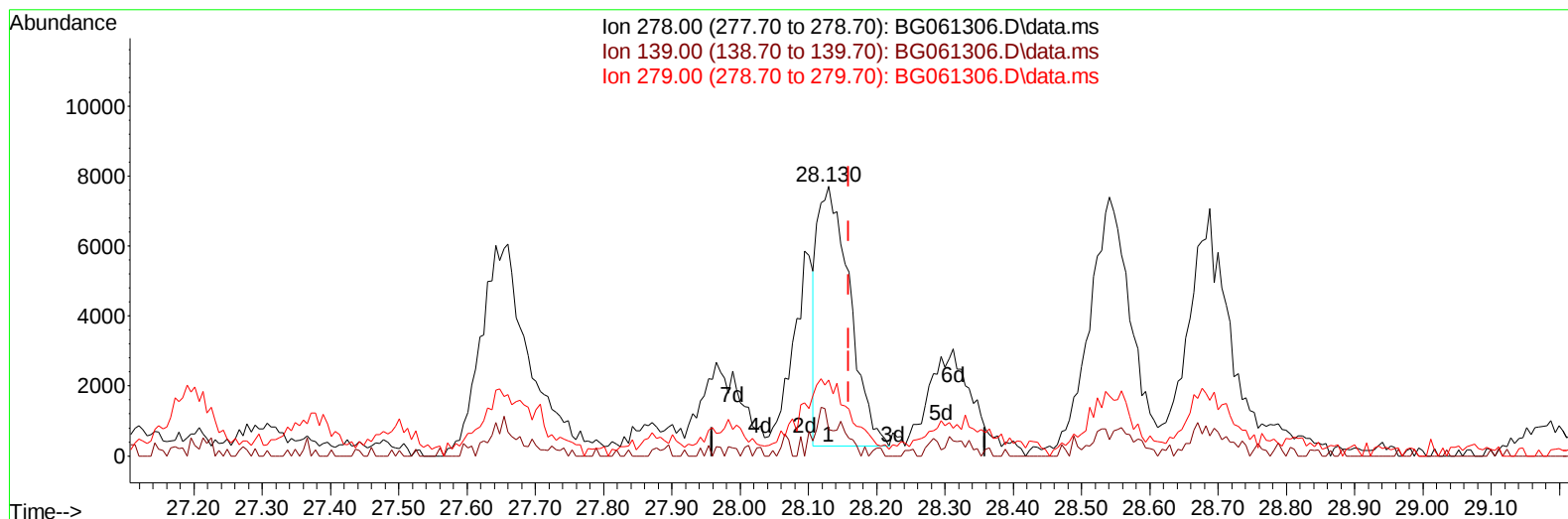
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061306.D
Acq On : 28 May 2024 19:22
Operator : MA/JU
Sample : P2568-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5R5

Manual IntegrationsAPPROVED

Quant Time: May 28 23:00:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



TIC: BG061306.D\data.ms

(95) Dibenzo(a,h)anthracene

28.130min (-0.029) 1.57 ng/u1

response 24465

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.79#
279.00	24.90	28.08
0.00	0.00	0.00

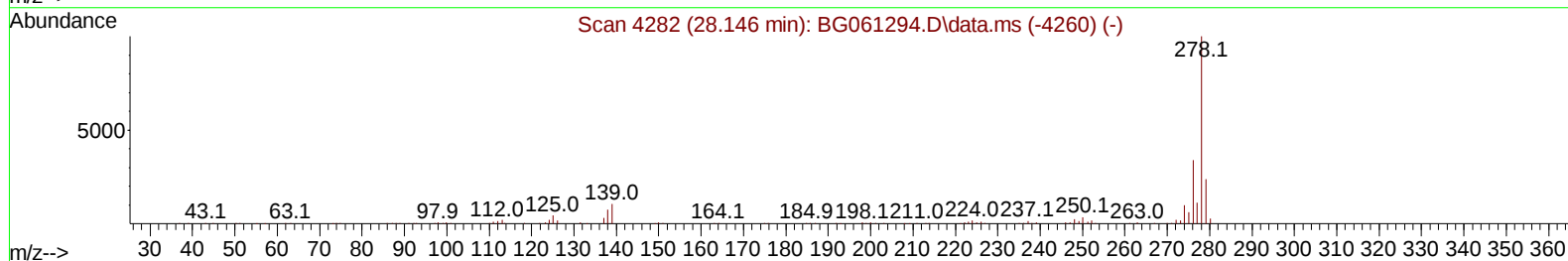
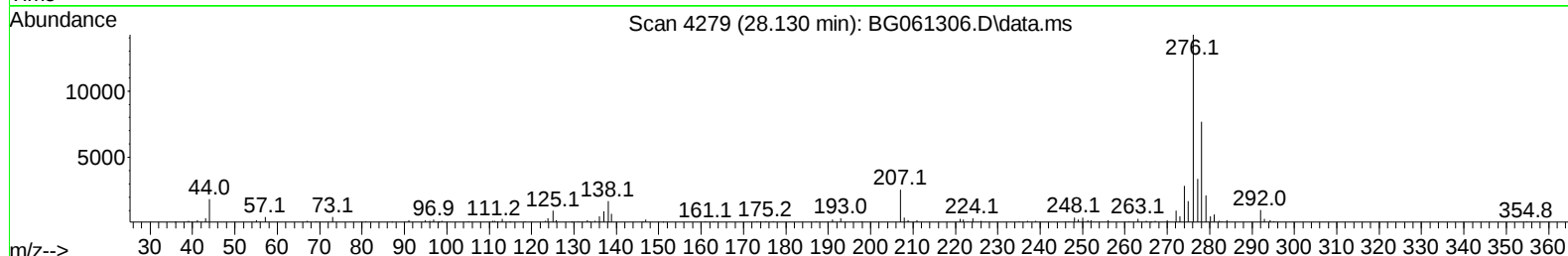
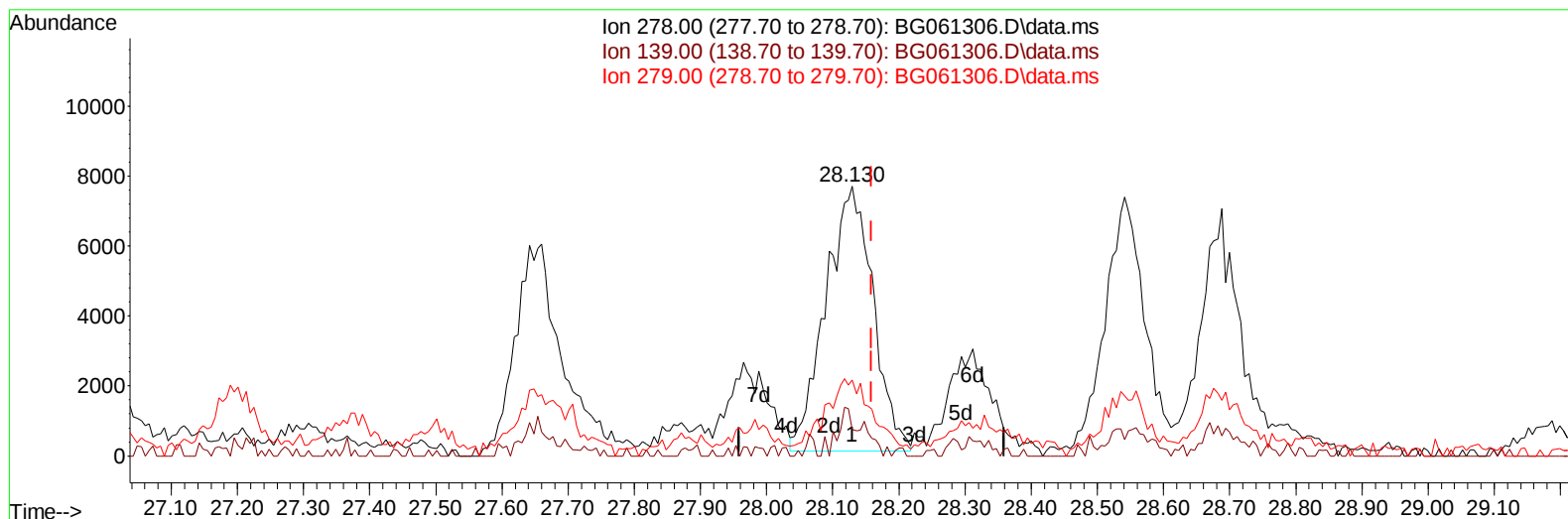
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061306.D
 Acq On : 28 May 2024 19:22
 Operator : MA/JU
 Sample : P2568-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5R5

Manual IntegrationsAPPROVED

Quant Time: May 28 23:00:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



TIC: BG061306.D\data.ms

(95) Dibenzo(a,h)anthracene

28.130min (-0.029) 2.41 ng/u1 m

response 37549

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.79#
279.00	24.90	28.08
0.00	0.00	0.00

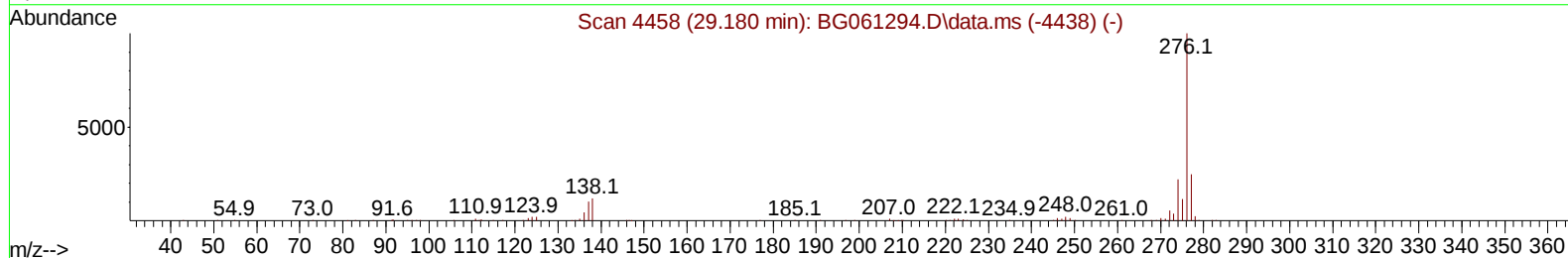
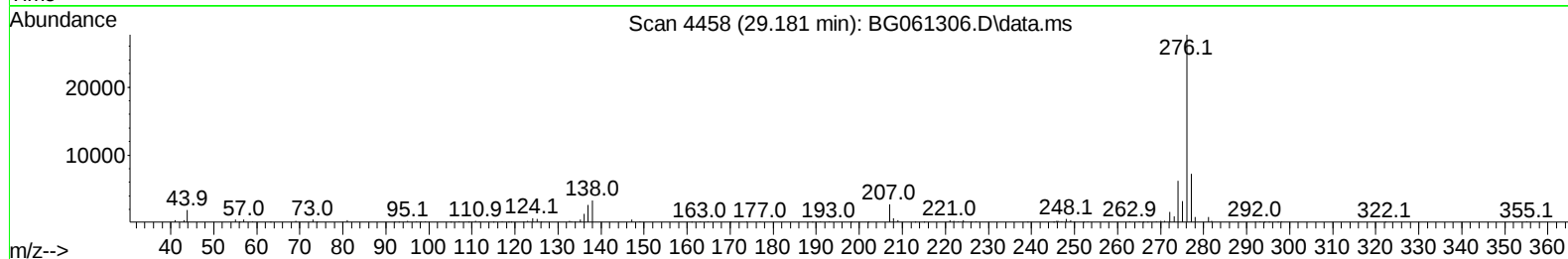
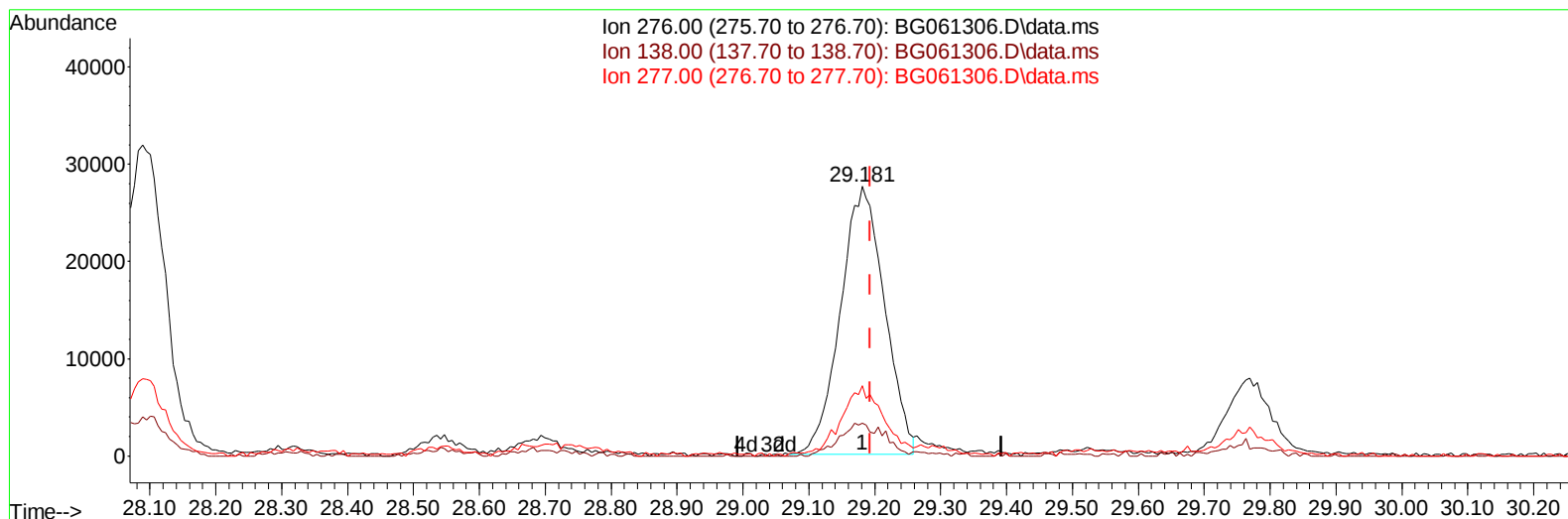
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061306.D
 Acq On : 28 May 2024 19:22
 Operator : MA/JU
 Sample : P2568-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5R5

Manual IntegrationsAPPROVED

Quant Time: May 28 23:01:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



TIC: BG061306.D\data.ms

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

29.181min (-0.012) 8.53 ng/u1

response 127939

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.06
277.00	22.70	26.04
0.00	0.00	0.00

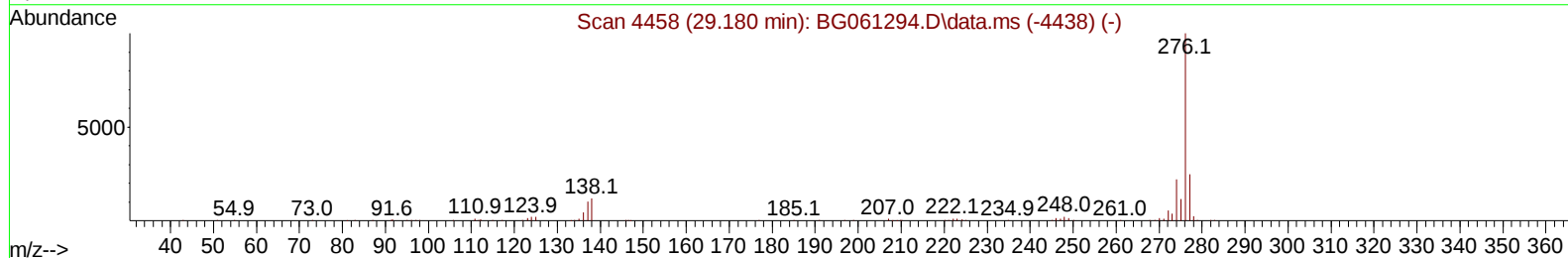
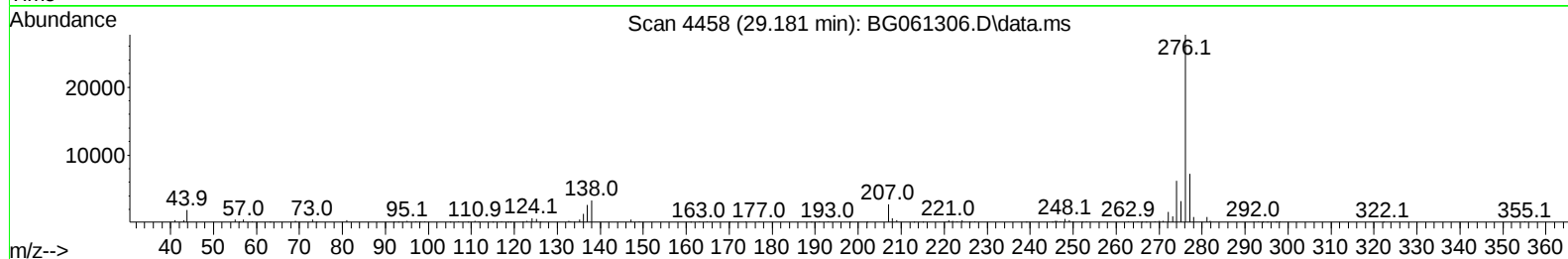
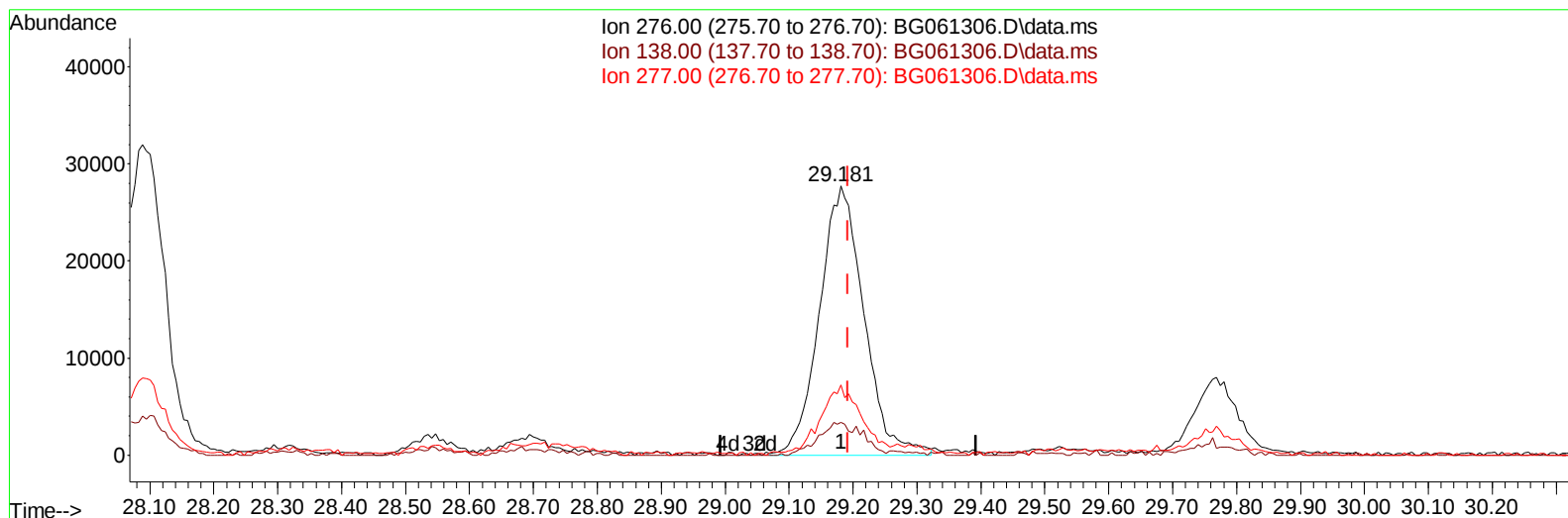
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061306.D
 Acq On : 28 May 2024 19:22
 Operator : MA/JU
 Sample : P2568-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5R5

Manual IntegrationsAPPROVED

Quant Time: May 28 23:01:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



TIC: BG061306.D\data.ms

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

29.181min (-0.012) 8.94 ng/u1 m

response 134199

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.06
277.00	22.70	26.04
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061306.D
 Acq On : 28 May 2024 19:22
 Operator : MA/JU
 Sample : P2568-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5R5

Manual IntegrationsAPPROVED

Quant Time: May 28 23:02:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.883	152		28280	20.000	ng/ul	0.00
20) Naphthalene-d8	10.674	136		127594	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.516	164		102152	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188		238666	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240		245344	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264		275865	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.335	96		2778	5.497	ng/uL	0.00
4) Pyridine-d5	3.746	84		45351	25.226	ng/ul	0.00
7) Phenol-d5	7.060	99		72282	31.124	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67		43428	29.751	ng/ul	0.00
11) 2-Chlorophenol-d4	7.419	132		55323	32.188	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113		65480	33.066	ng/ul	-0.01
21) Nitrobenzene-d5	9.040	128		30897	31.451	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143		35377	30.770	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165		73329	32.715	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131		87005	29.670	ng/ul	-0.01
46) Dimethylphthalate-d6	13.923	166		257297	32.476	ng/ul	0.00
49) Acenaphthylene-d8	14.211	160		283461	34.414	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143		31720m	32.384	ng/ul	0.00
60) Fluorene-d10	15.509	176		231405	33.831	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200		40427	28.006	ng/ul	0.00
73) Anthracene-d10	17.366	188		371190	35.277	ng/ul	0.00
81) Pyrene-d10	19.657	212		438700	34.825	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264		476332	35.916	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.727	128		8017	1.190	ng/ul#	92
52) Acenaphthene	14.581	153		11408	1.904	ng/ul	94
61) Fluorene	15.568	166		7703	1.039	ng/ul	99
72) Phenanthrene	17.307	178		154777	13.361	ng/ul	98
74) Anthracene	17.395	178		30343	2.533	ng/ul	97
77) Carbazole	17.665	167		20976	2.153	ng/ul	97
80) Fluoranthene	19.322	202		303920	20.111	ng/ul	99
82) Pyrene	19.687	202		279837	17.839	ng/ul	98
85) Benzo(a)anthracene	21.496	228		192370	11.363	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.408	149		14317	1.795	ng/ul	99
87) Chrysene	21.561	228		185860	11.923	ng/ul	97
90) Benzo(b)fluoranthene	23.629	252		261101	15.897	ng/ul#	99
91) Benzo(k)fluoranthene	23.682	252		105811m	6.346	ng/ul	
93) Benzo(a)pyrene	24.457	252		201049	12.891	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.089	276		139635	7.403	ng/ul	98
95) Dibenzo(a,h)anthracene	28.130	278		37549m	2.414	ng/ul	
96) Benzo(g,h,i)perylene	29.181	276		134199m	8.944	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061306.D
 Acq On : 28 May 2024 19:22
 Operator : MA/JU
 Sample : P2568-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5R5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 23:02:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

