

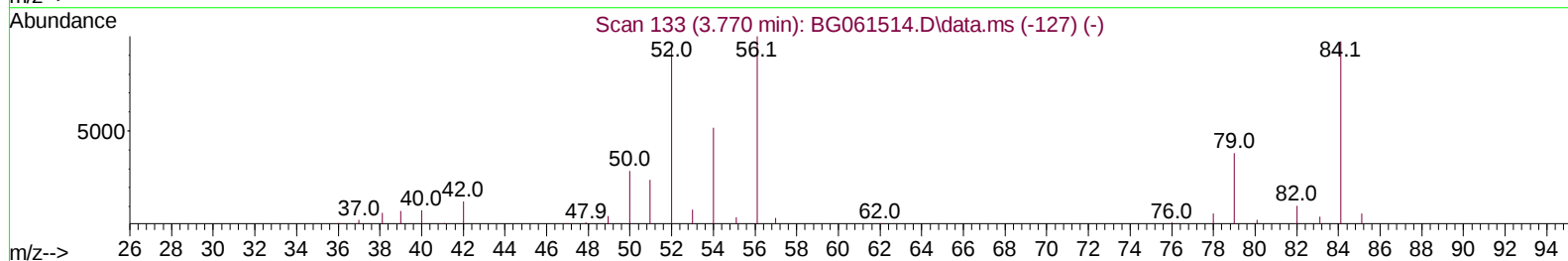
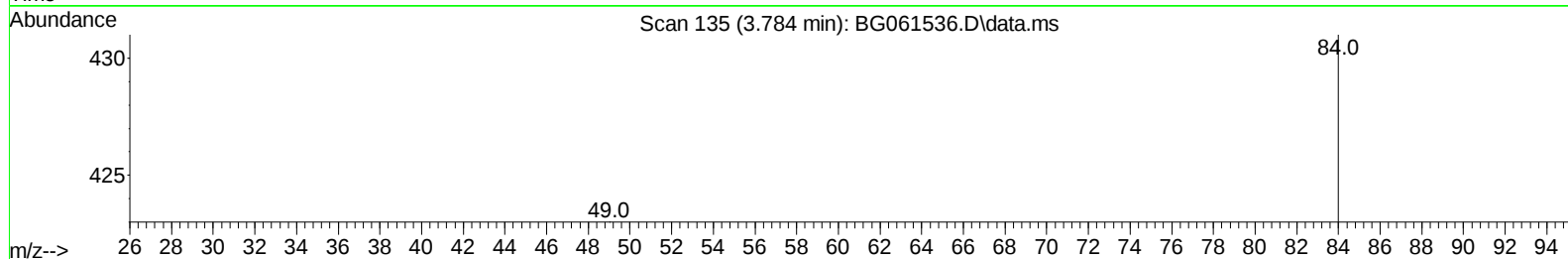
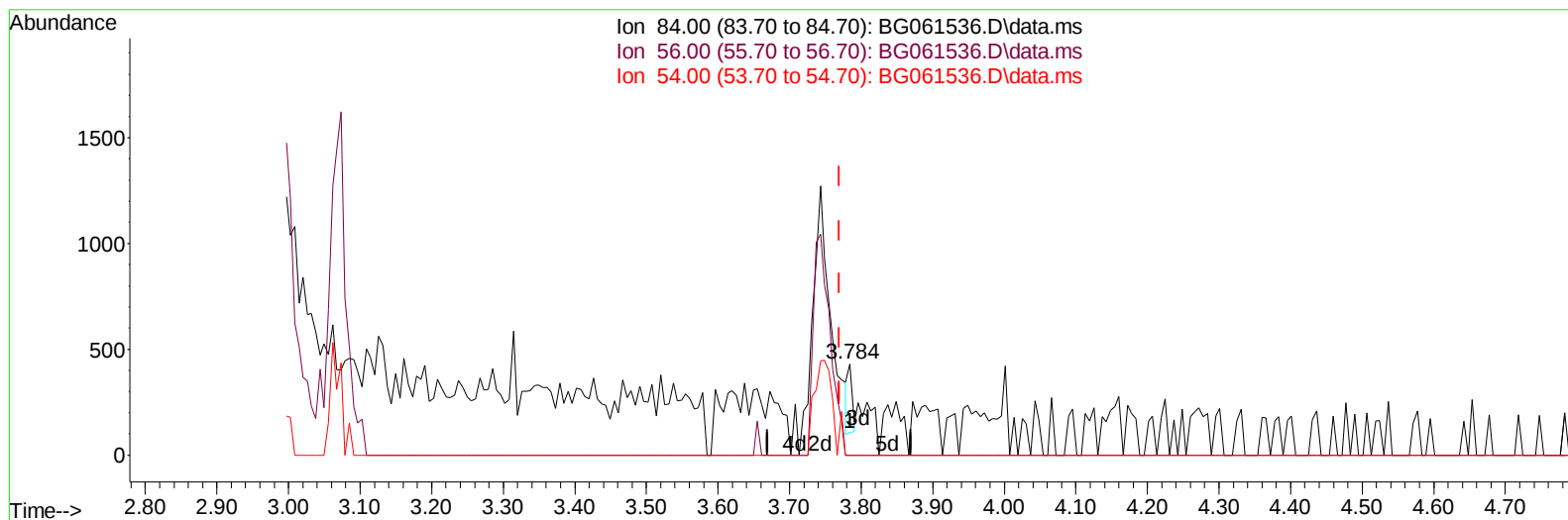
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061536.D
 Acq On : 7 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2591-11MEDL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:48:34 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 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061536.D\data.ms

(4) Pyridine-d5 (S)

3.784min (+ 0.015) 0.08 ng/u1

response 133

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	106.50	0.00#
54.00	57.50	0.00#
0.00	0.00	0.00

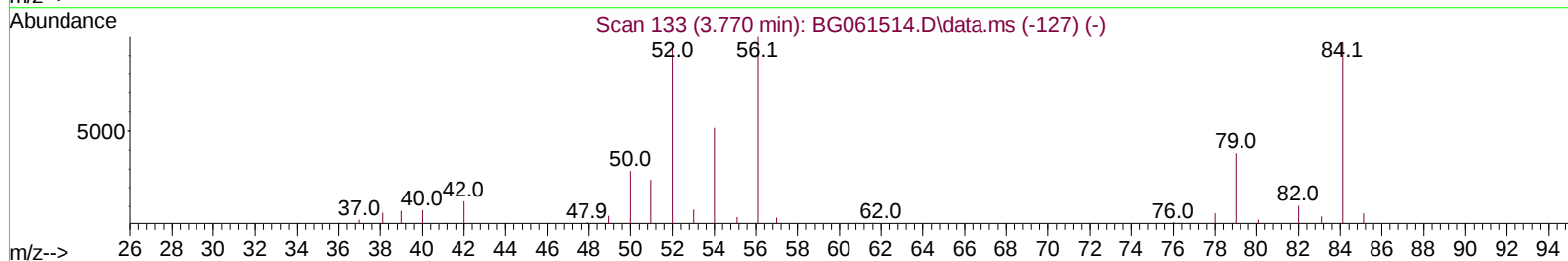
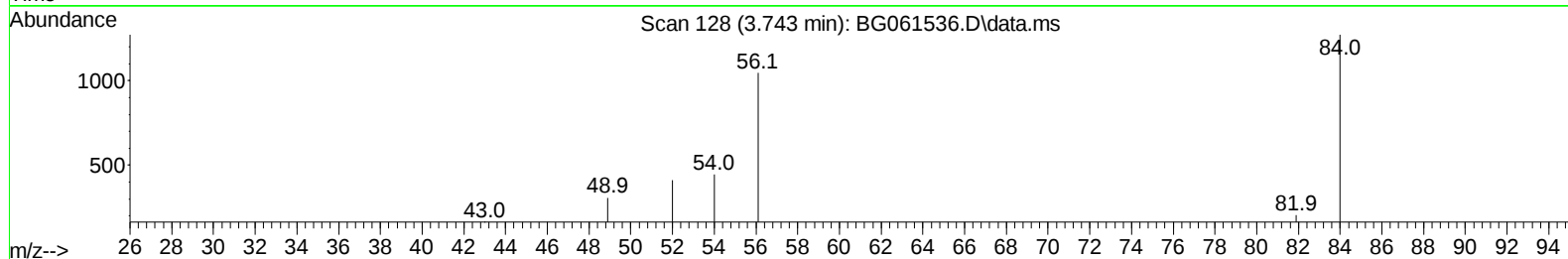
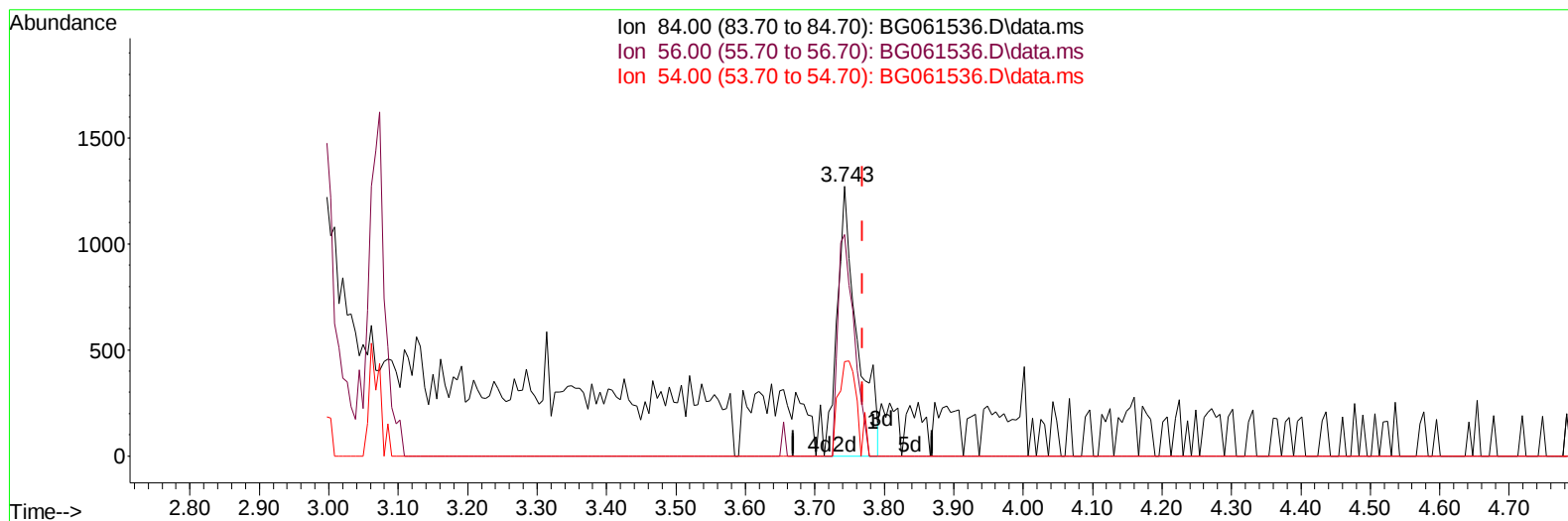
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061536.D
Acq On : 7 Jun 2024 16:53
Operator : MA/JU
Sample : P2591-11MEDL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:48:34 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 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061536.D\data.ms

(4) Pyridine-d5 (S)

3.743min (-0.026) 1.43 ng/ul m

response 2514

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	106.50	82.22#
54.00	57.50	34.93#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061536.D
 Acq On : 7 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2591-11MEDL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

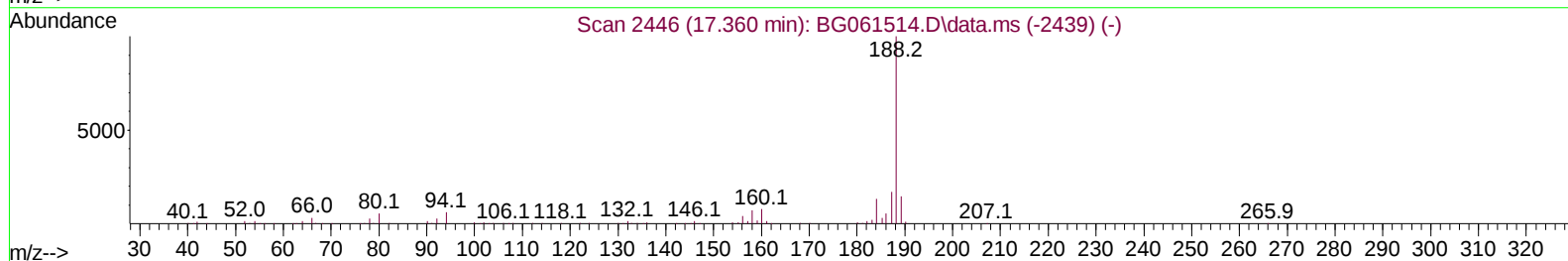
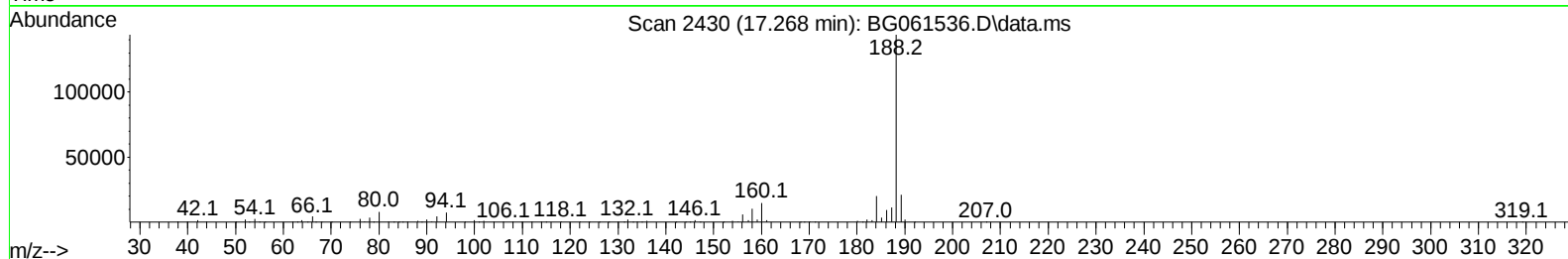
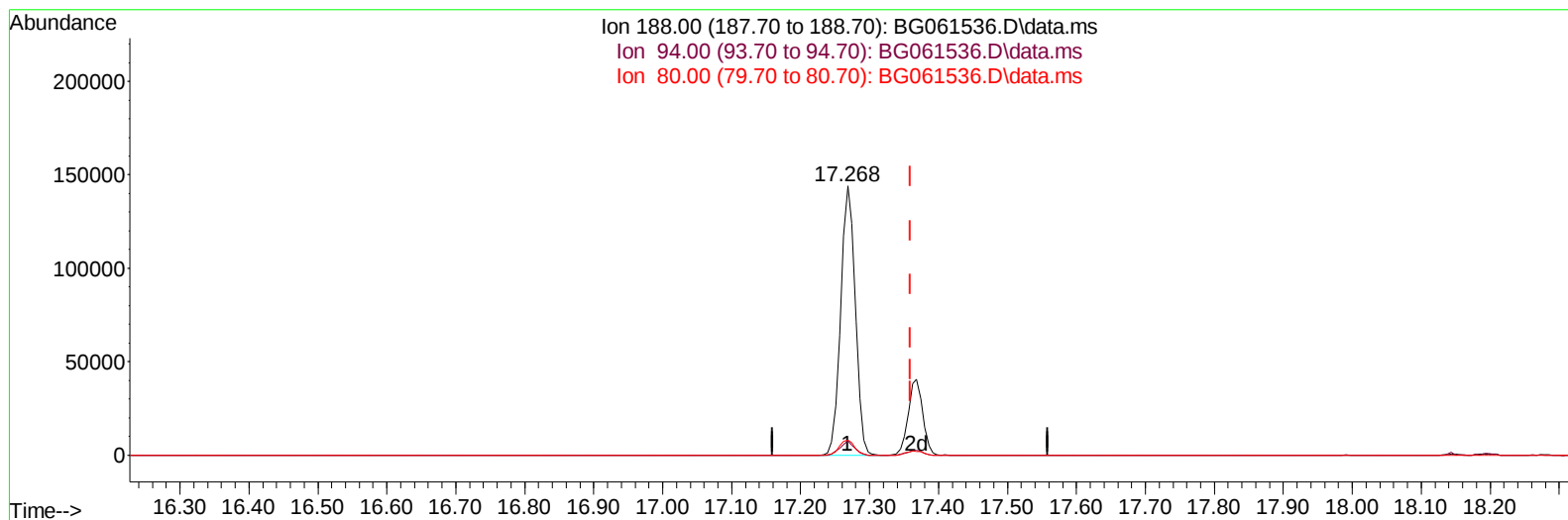
ClientSampleId :

BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:48:34 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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TIC: BG061536.D\data.ms

(73) Anthracene-d10 (S)

17.268min (-0.091) 22.68 ng/u1

response 210152

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.60	5.34
80.00	6.40	5.54
0.00	0.00	0.00

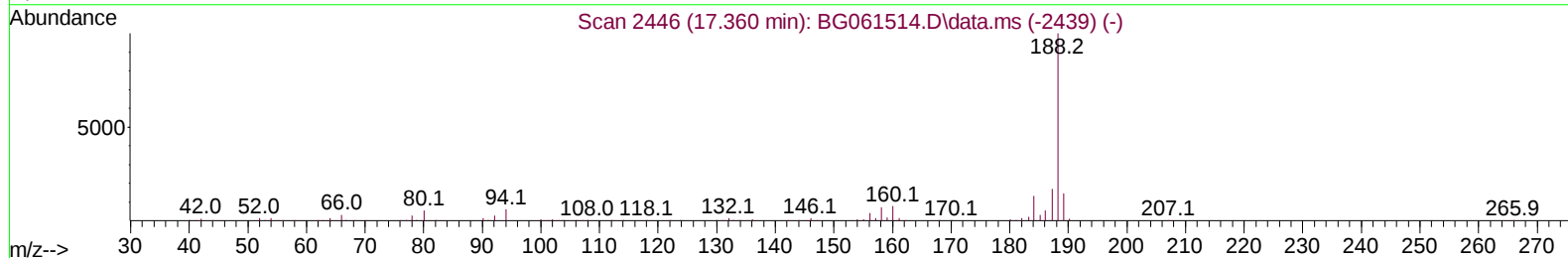
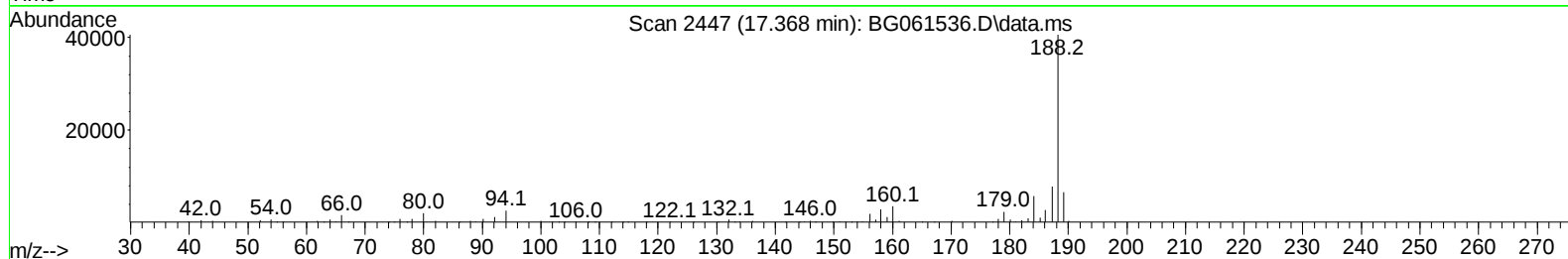
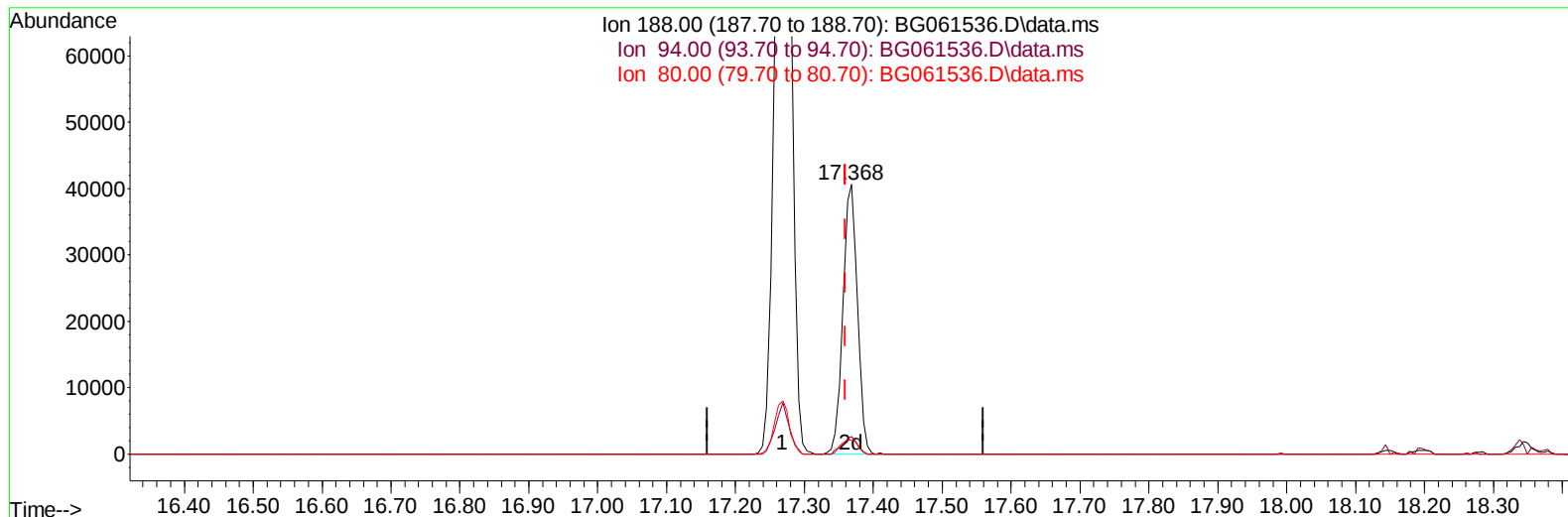
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061536.D
Acq On : 7 Jun 2024 16:53
Operator : MA/JU
Sample : P2591-11MEDL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:48:34 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 06/08/2024
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TIC: BG061536.D\data.ms

(73) Anthracene-d10 (S)

17.368min (+ 0.009) 6.40 ng/u1 m

response 59273

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.60	6.56
80.00	6.40	4.98#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061536.D
 Acq On : 7 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2591-11MEDL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

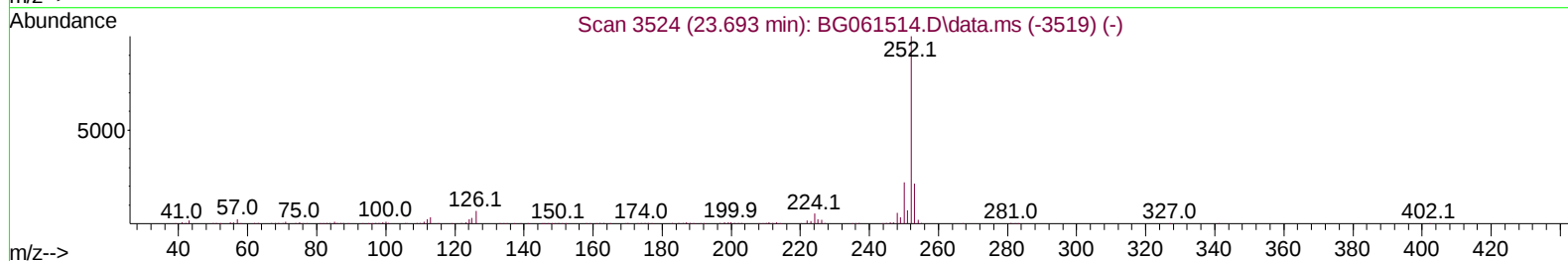
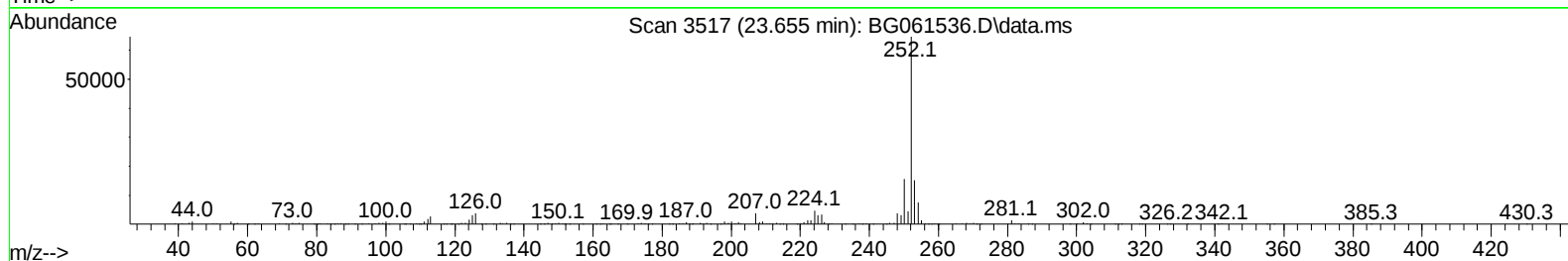
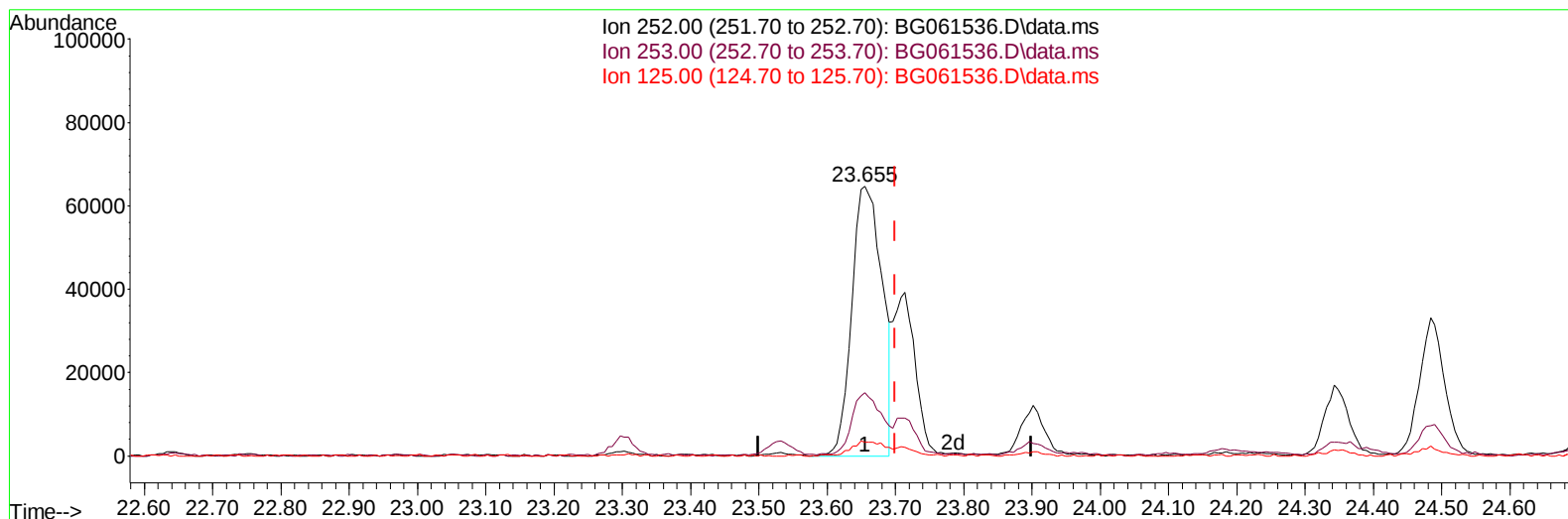
ClientSampleId :

BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:48:34 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 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061536.D\data.ms

(91) Benzo(k)fluoranthene

23.655min (-0.044) 12.73 ng/u1

response 199067

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.51
125.00	5.40	5.14
0.00	0.00	0.00

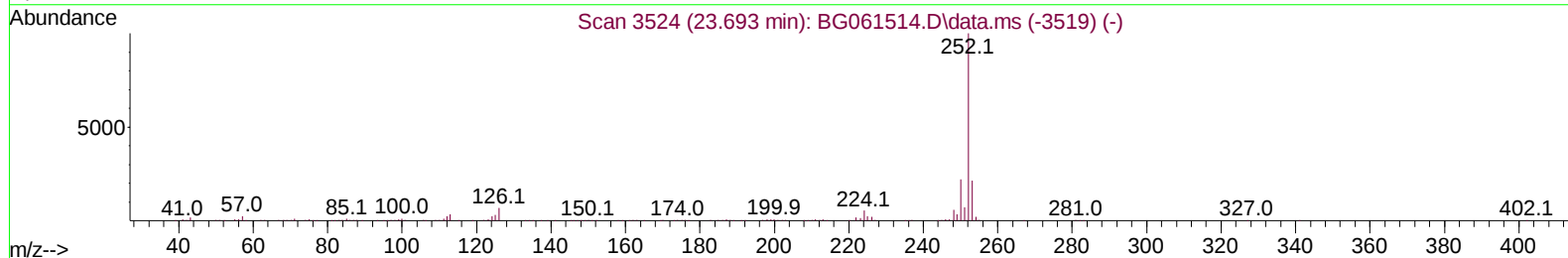
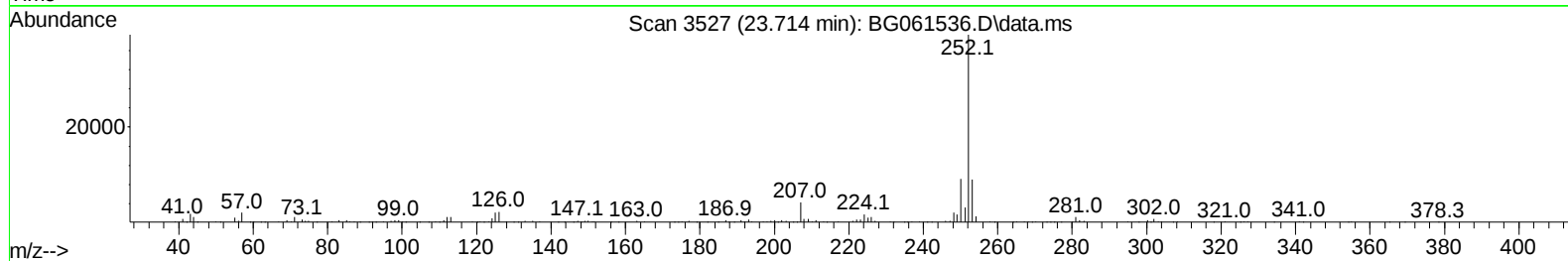
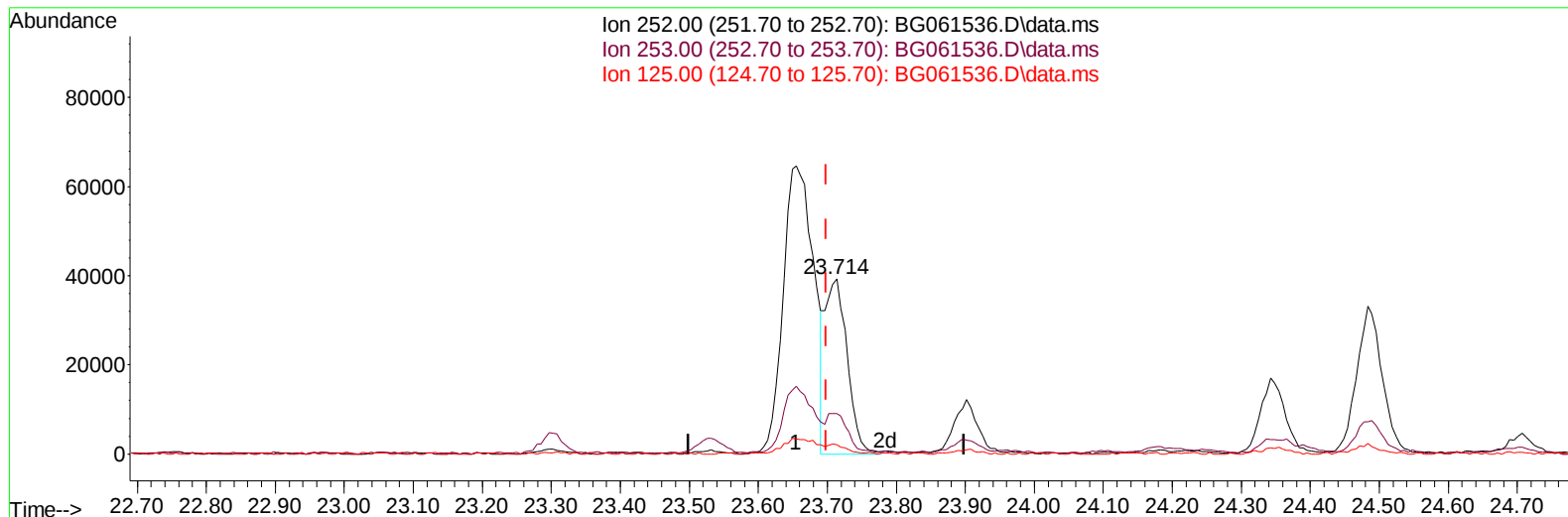
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061536.D
Acq On : 7 Jun 2024 16:53
Operator : MA/JU
Sample : P2591-11MEDL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:48:34 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 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061536.D\data.ms

(91) Benzo(k)fluoranthene

23.714min (+ 0.015) 5.58 ng/ul m

response 87241

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.17
125.00	5.40	5.31
0.00	0.00	0.00

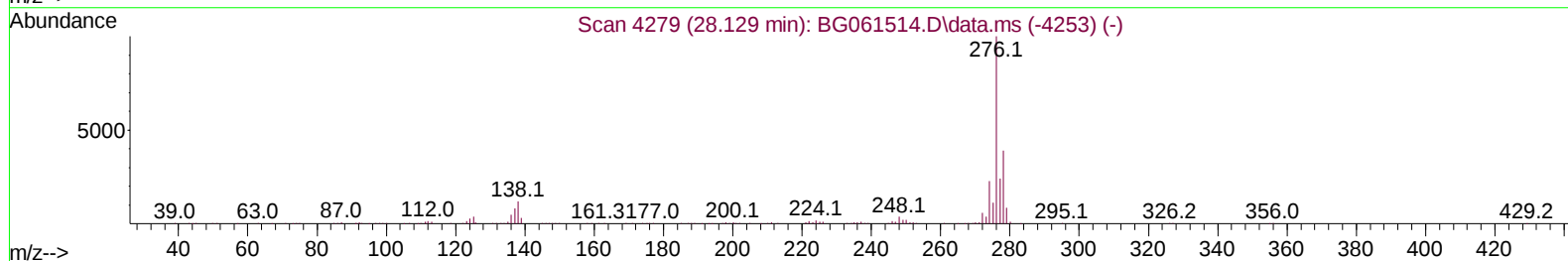
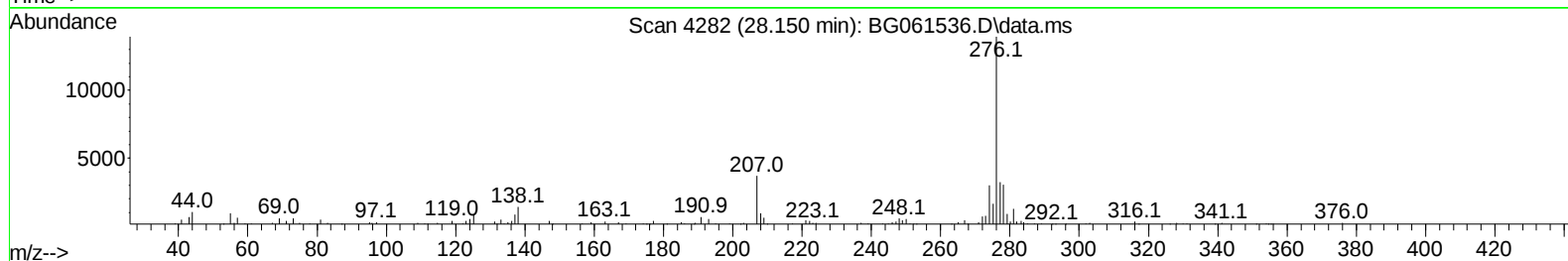
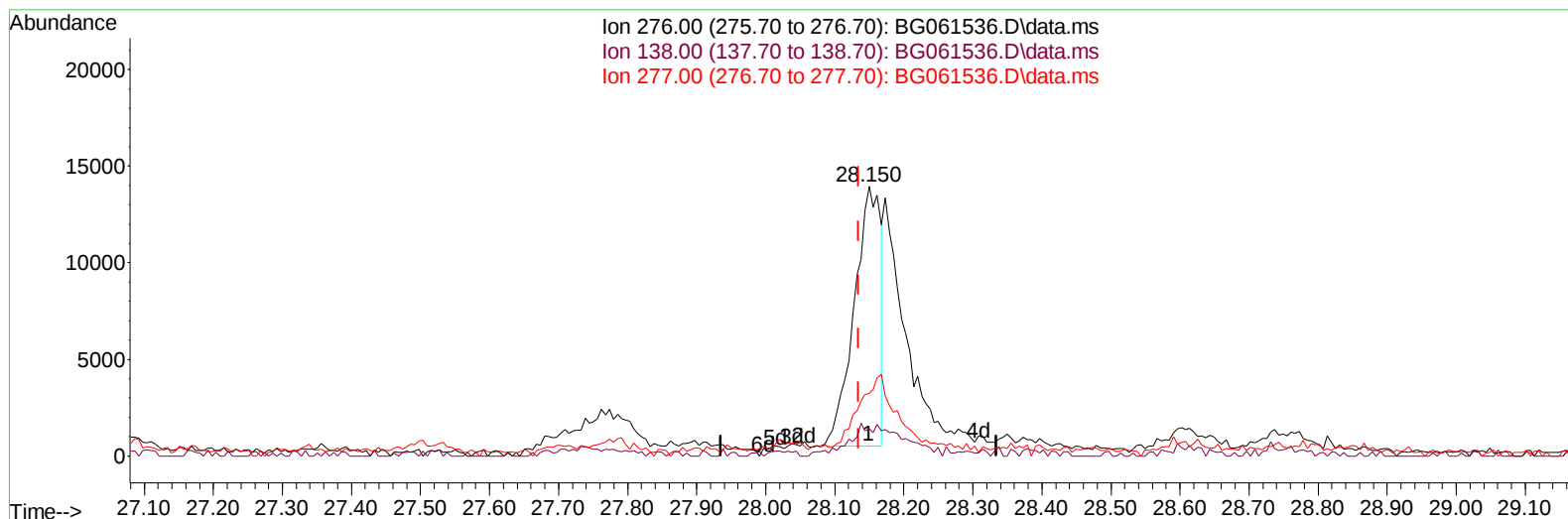
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061536.D
Acq On : 7 Jun 2024 16:53
Operator : MA/JU
Sample : P2591-11MEDL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:48:34 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 06/08/2024
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TIC: BG061536.D\data.ms

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

28.150min (+ 0.015) 2.02 ng/u1

response 35776

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.02
277.00	24.60	23.13
0.00	0.00	0.00

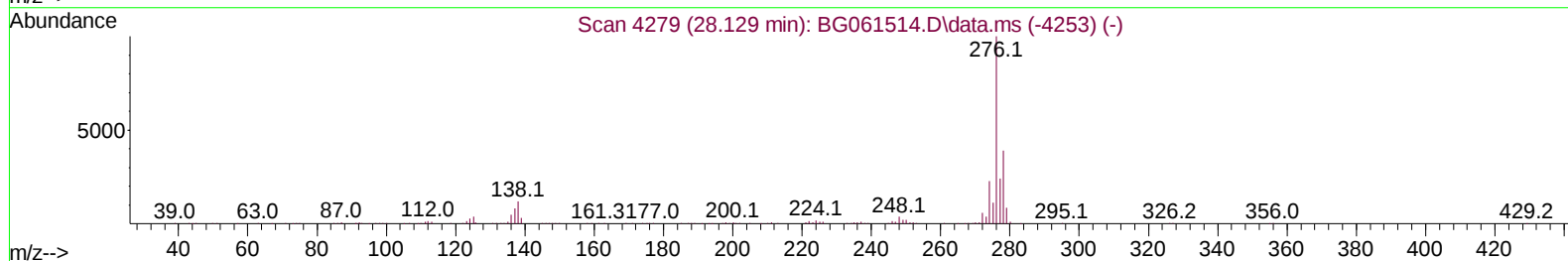
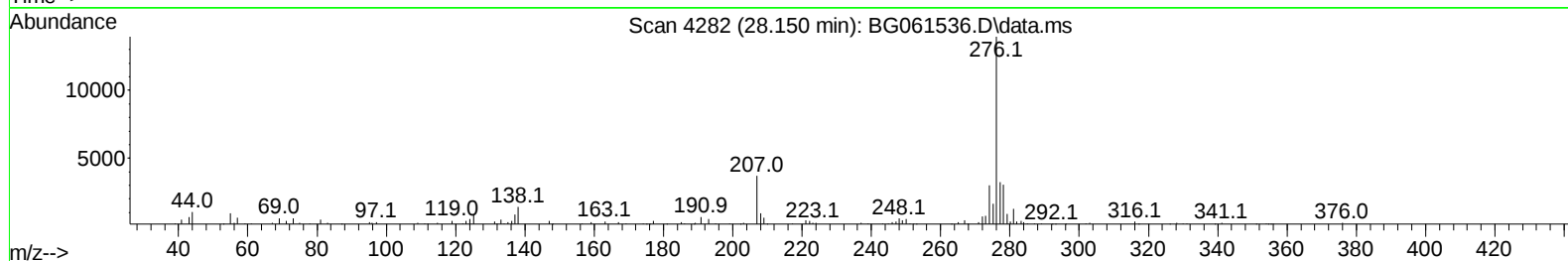
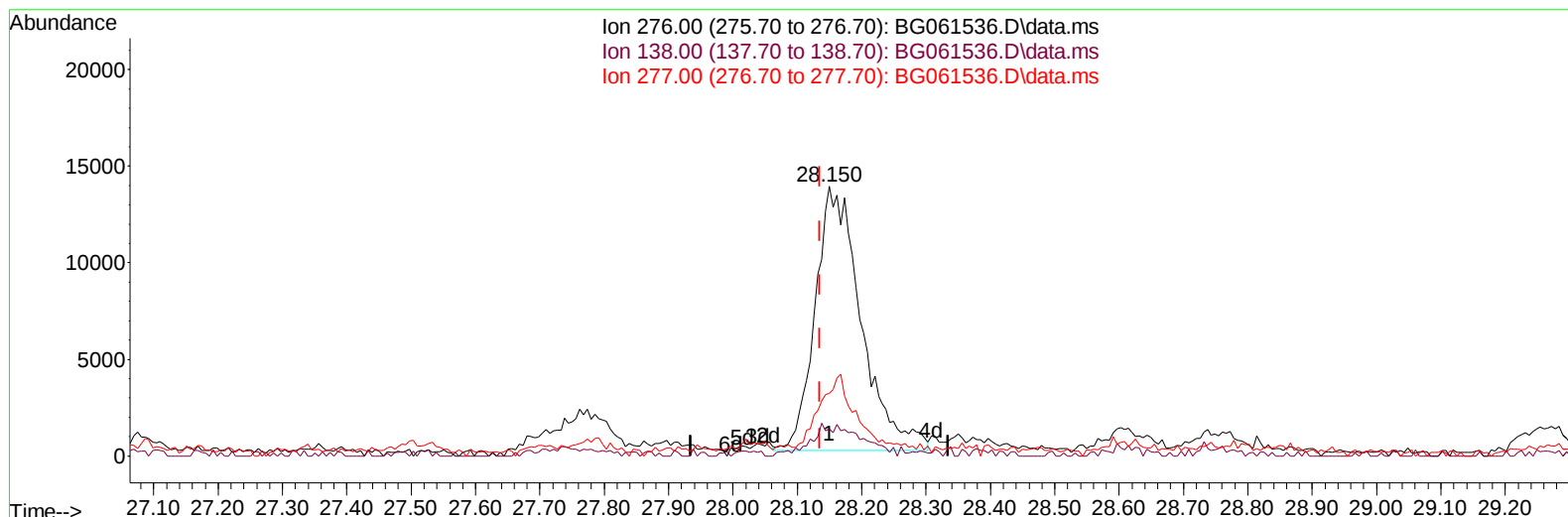
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061536.D
 Acq On : 7 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2591-11MEDL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:48:34 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 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061536.D\data.ms

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

28.150min (+ 0.015) 3.82 ng/ul m

response 67512

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.02
277.00	24.60	23.13
0.00	0.00	0.00

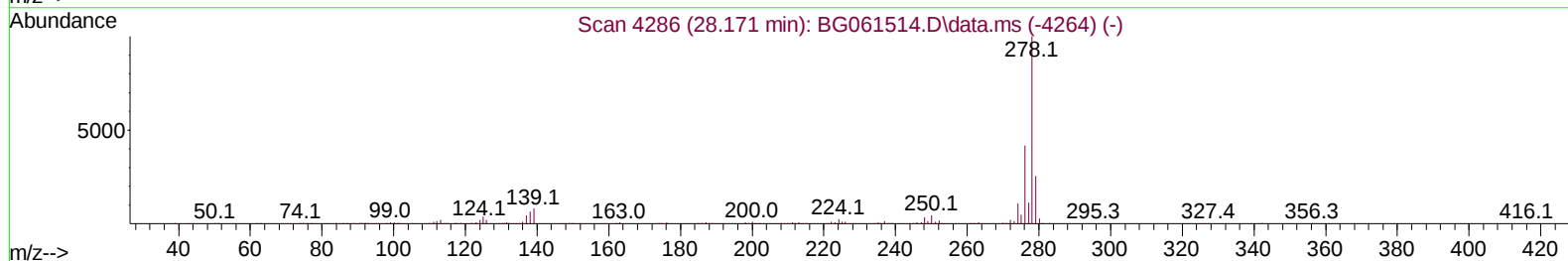
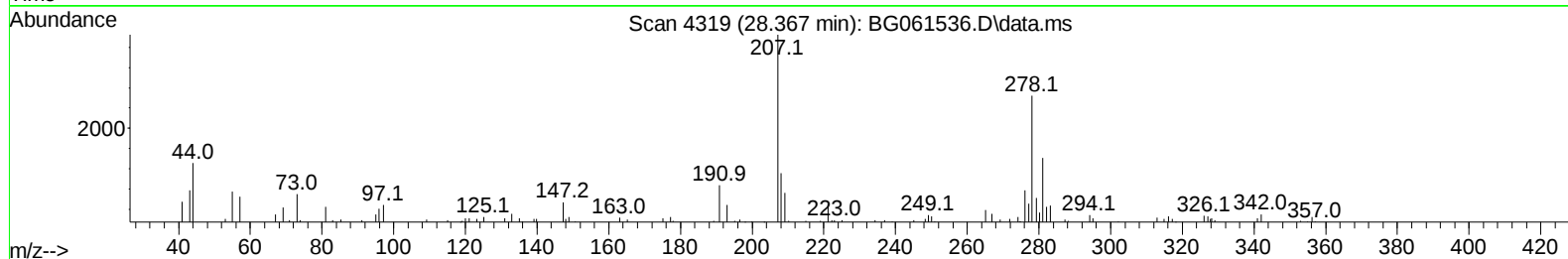
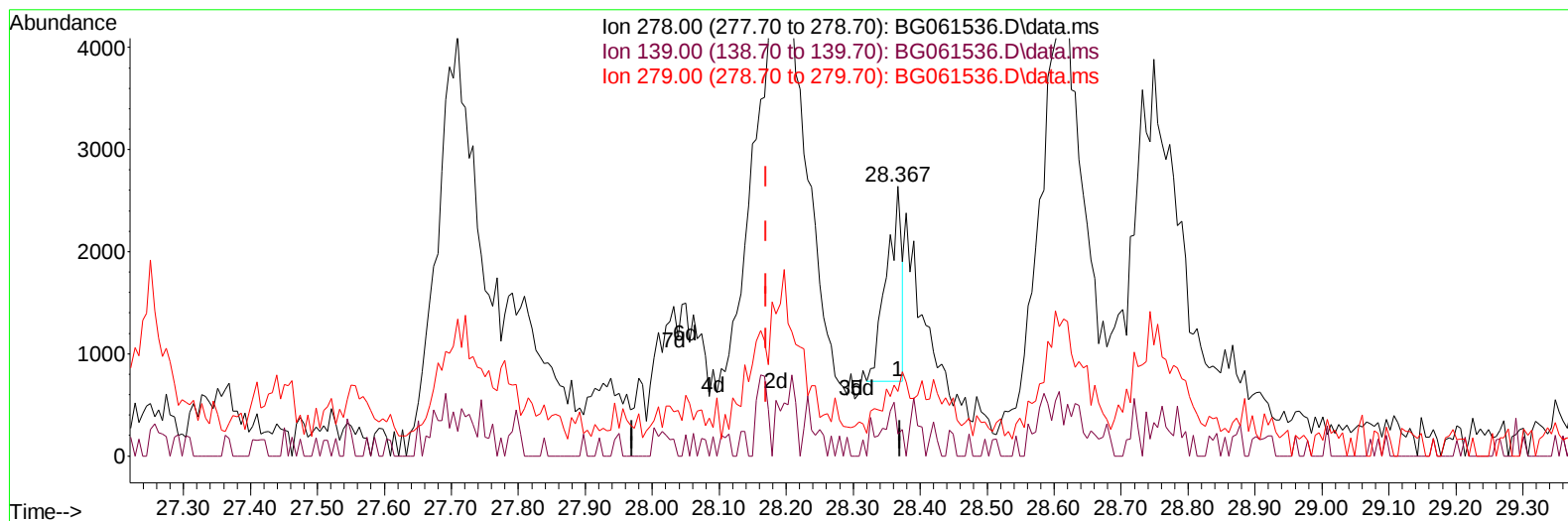
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061536.D
Acq On : 7 Jun 2024 16:53
Operator : MA/JU
Sample : P2591-11MEDL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:53:59 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 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061536.D\data.ms

(95) Dibenzo(a,h)anthracene

28.367min (+ 0.197) 0.20 ng/u1

response 2956

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	8.15
279.00	24.90	23.88
0.00	0.00	0.00

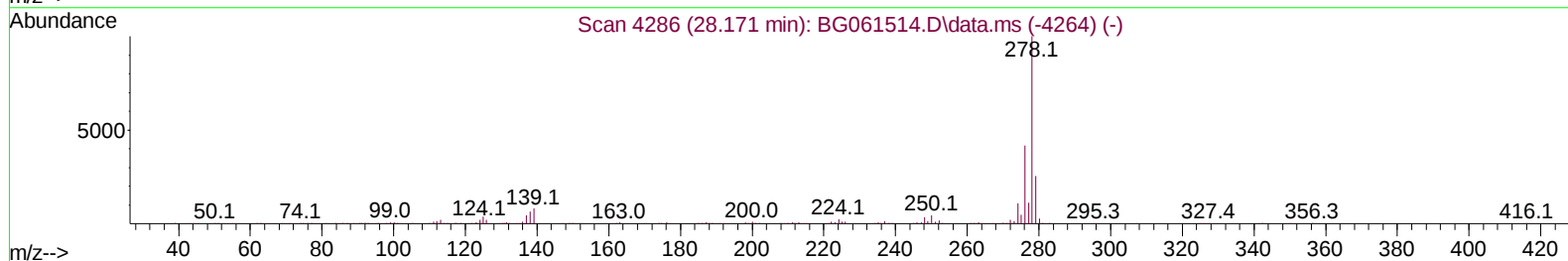
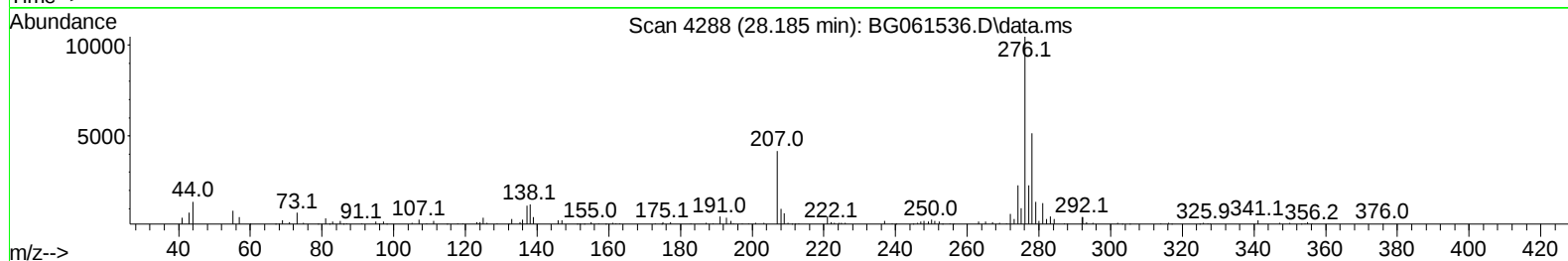
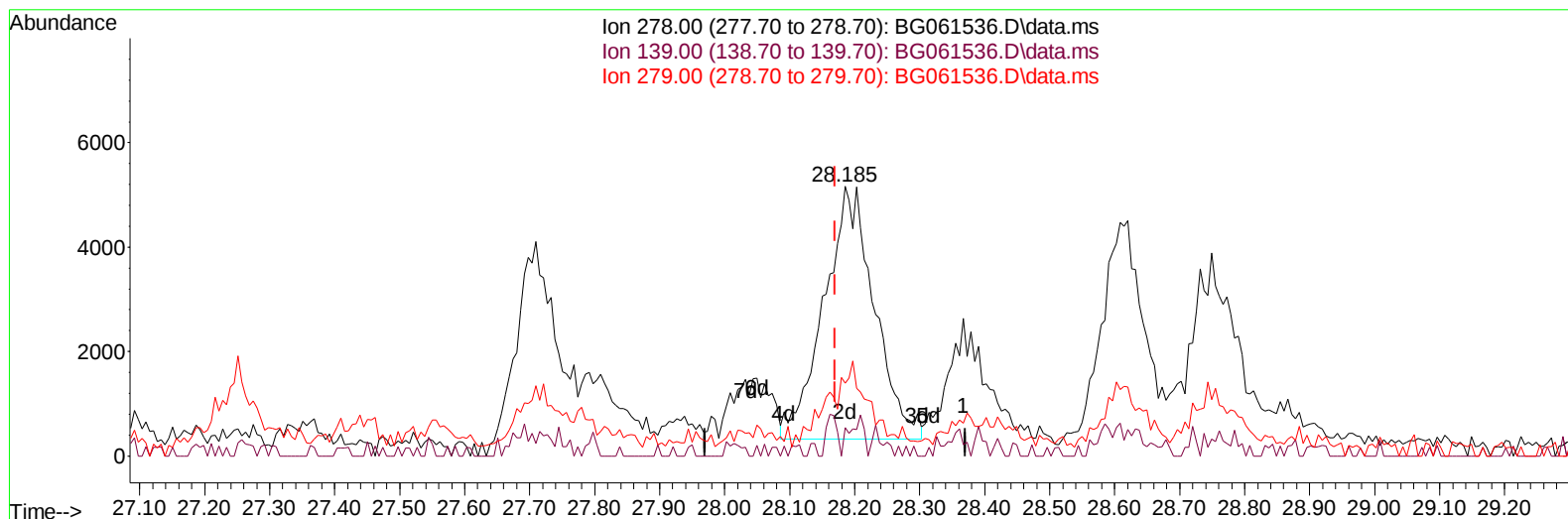
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061536.D
 Acq On : 7 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2591-11MEDL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:53:59 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 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061536.D\data.ms

(95) Dibenzo(a,h)anthracene

28.185min (+ 0.015) 1.78 ng/ul m

response 25999

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.56#
279.00	24.90	26.95
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061536.D
 Acq On : 7 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2591-11MEDL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBQ2MEDL

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:20:09 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 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.868	152		27650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.670	136		115216	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.513	164		91312	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188		210152	20.000	ng/ul	0.00
79) Chrysene-d12	21.528	240		221598	20.000	ng/ul	0.00
88) Perylene-d12	24.636	264		258757	20.000	ng/ul	0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	0.000	96		0d	0.000	ng/uL	
4) Pyridine-d5	3.743	84		2514m	1.430	ng/ul	-0.03
7) Phenol-d5	7.063	99		11558	5.090	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67		6644	4.655	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.415	132		9112	5.422	ng/ul	0.00
15) 4-Methylphenol-d8	8.602	113		9826	5.075	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128		4634	5.224	ng/ul	0.00
24) 2-Nitrophenol-d4	9.754	143		5468	5.267	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.312	165		11882	5.871	ng/ul	0.00
31) 4-Chloroaniline-d4	10.811	131		12139	4.584	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166		40262	5.685	ng/ul	0.00
49) Acenaphthylene-d8	14.207	160		43654	5.929	ng/ul	0.00
54) 4-Nitrophenol-d4	14.777	143		2686	3.068	ng/ul	0.02
60) Fluorene-d10	15.506	176		36451	5.962	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200		0d	0.000	ng/ul	
73) Anthracene-d10	17.368	188		59273m	6.398	ng/ul	0.00
81) Pyrene-d10	19.660	212		63785	5.606	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.413	264		56545	4.545	ng/ul	0.01
Target Compounds							
						Qvalue	
30) Naphthalene	10.717	128		8159	1.342	ng/ul#	92
52) Acenaphthene	14.577	153		6908	1.290	ng/ul	90
56) Dibenzofuran	14.912	168		12336	1.611	ng/ul	96
61) Fluorene	15.564	166		9766	1.474	ng/ul	97
72) Phenanthrene	17.310	178		237247	23.260	ng/ul	99
74) Anthracene	17.404	178		49279	4.673	ng/ul	98
77) Carbazole	17.674	167		25472	2.969	ng/ul	97
80) Fluoranthene	19.331	202		383406	28.089	ng/ul	99
82) Pyrene	19.695	202		247818	17.491	ng/ul#	97
85) Benzo(a)anthracene	21.510	228		192562	12.594	ng/ul	97
87) Chrysene	21.575	228		160209	11.379	ng/ul	96
90) Benzo(b)fluoranthene	23.655	252		199067	12.921	ng/ul	98
91) Benzo(k)fluoranthene	23.714	252		87241m	5.578	ng/ul	
93) Benzo(a)pyrene	24.483	252		82559	5.643	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.150	276		67512m	3.816	ng/ul	
95) Dibenzo(a,h)anthracene	28.185	278		25999m	1.782	ng/ul	

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

