

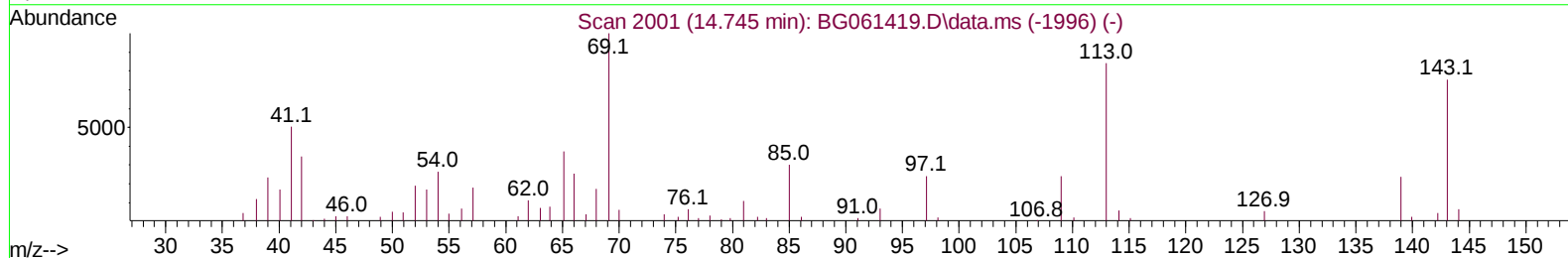
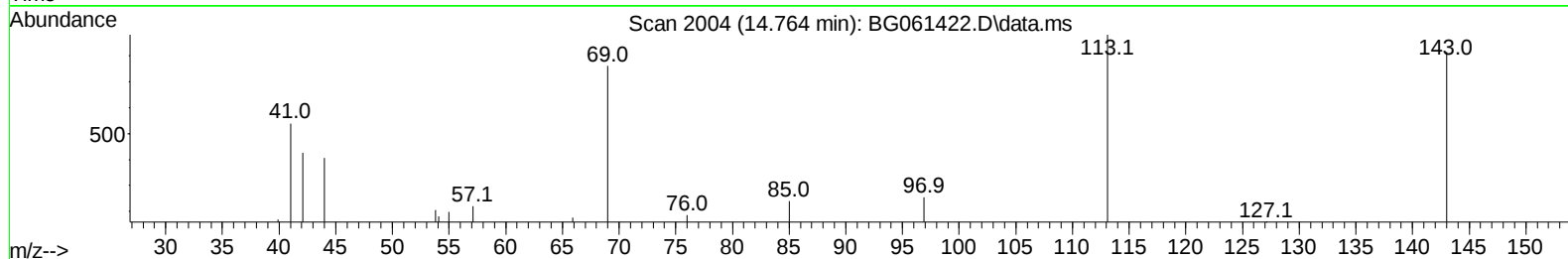
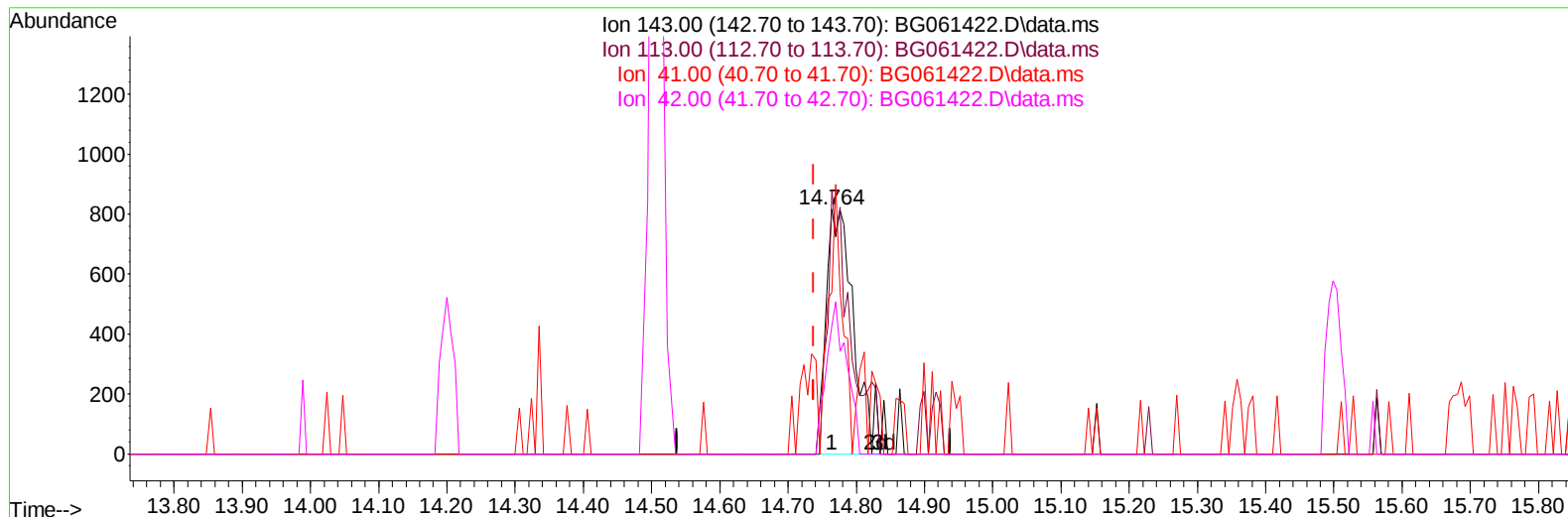
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061422.D
 Acq On : 3 Jun 2024 14:02
 Operator : MA/JU
 Sample : P2588-14DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6D9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 03 14:44:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061422.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.764min (+ 0.027) 2.87 ng/ul m

response 2350

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	107.97
41.00	77.10	66.05
42.00	49.50	52.21

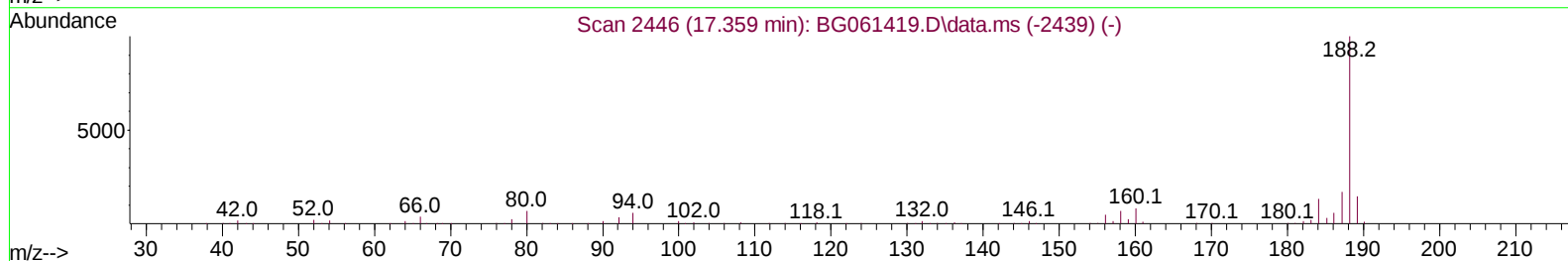
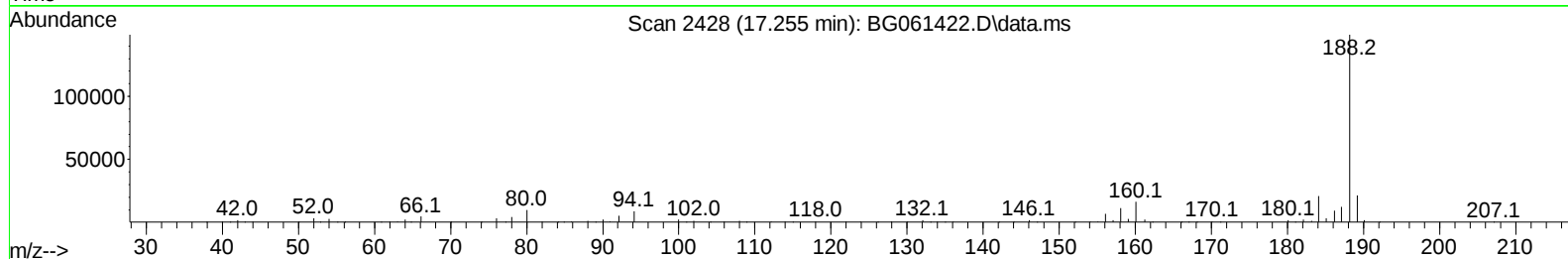
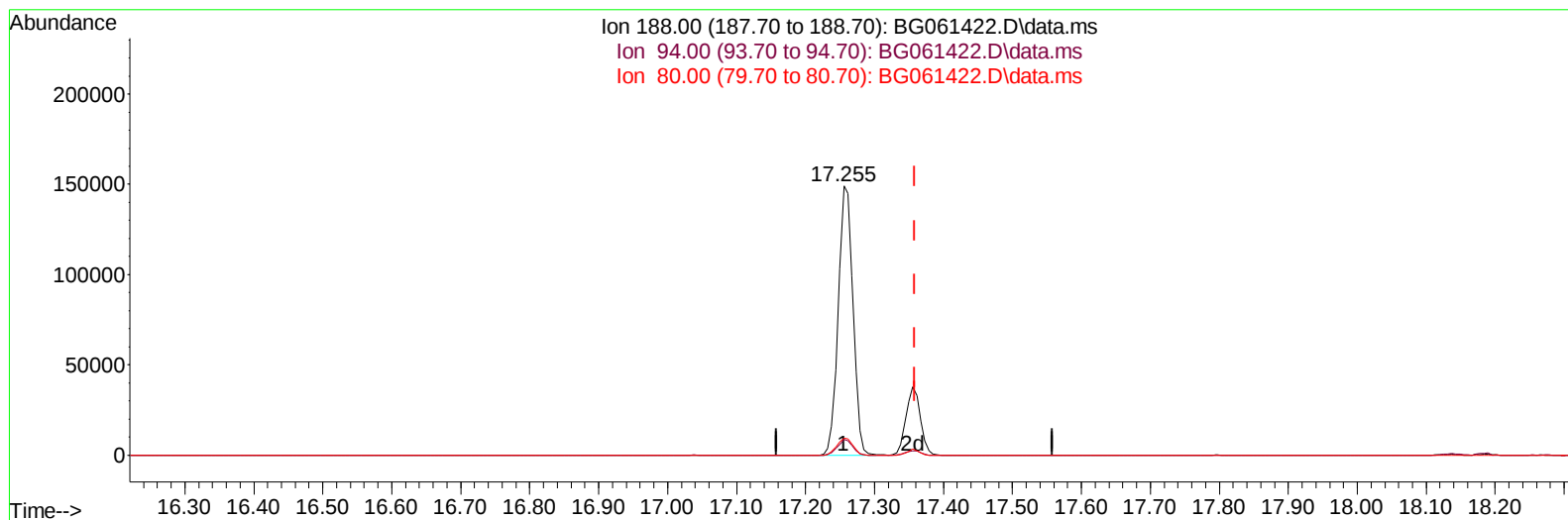
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(73) Anthracene-d10 (S)

17.255min (-0.103) 22.68 ng/u1

response 221390

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.60	5.91
80.00	6.40	6.39
0.00	0.00	0.00

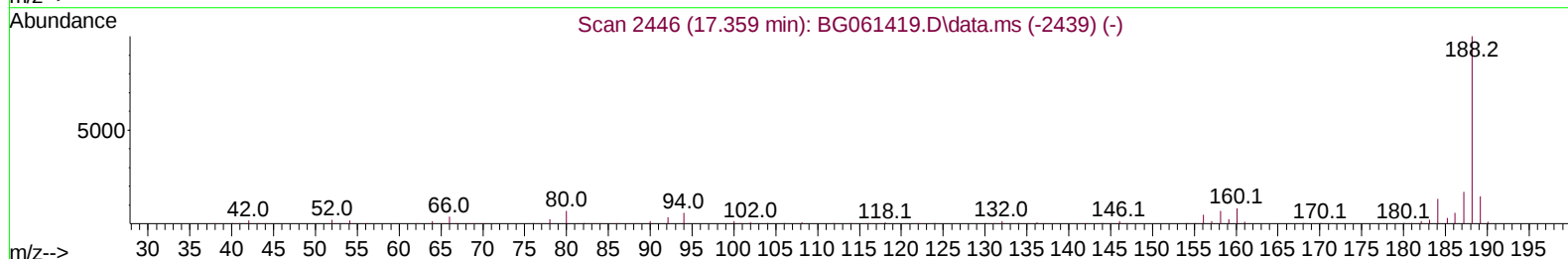
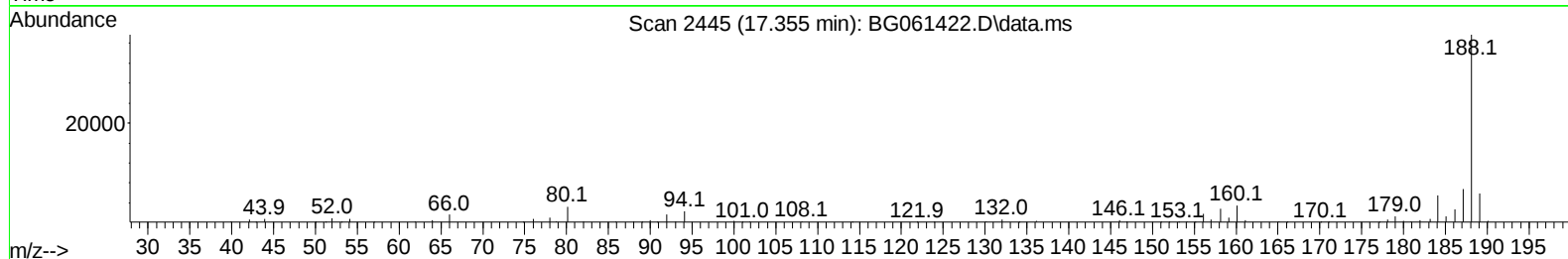
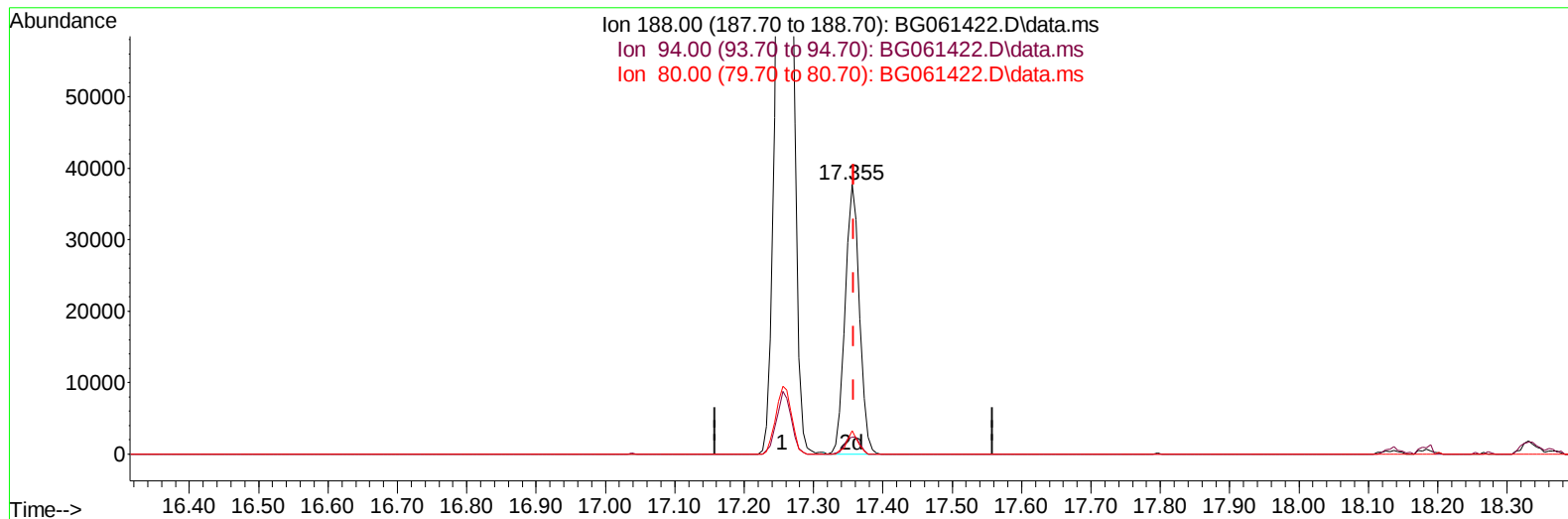
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TIC: BG061422.D\data.ms

(73) Anthracene-d10 (S)

17.355min (-0.003) 5.56 ng/u1 m

response 54269

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.60	6.18
80.00	6.40	8.62#
0.00	0.00	0.00

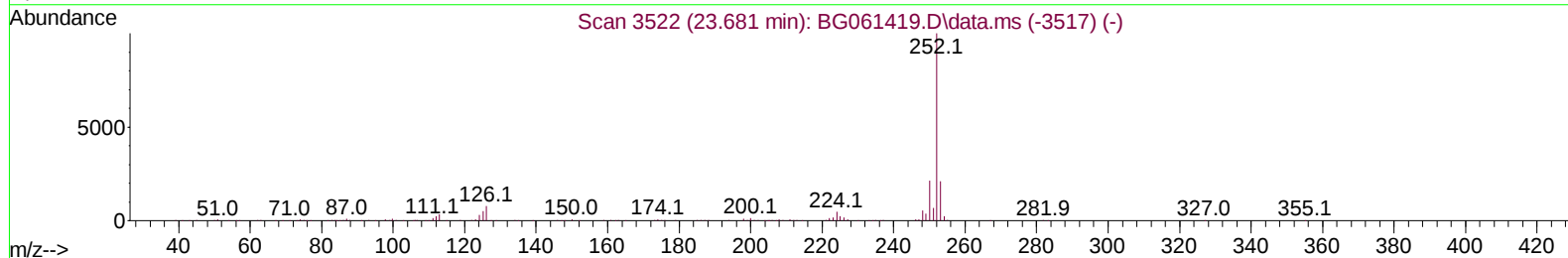
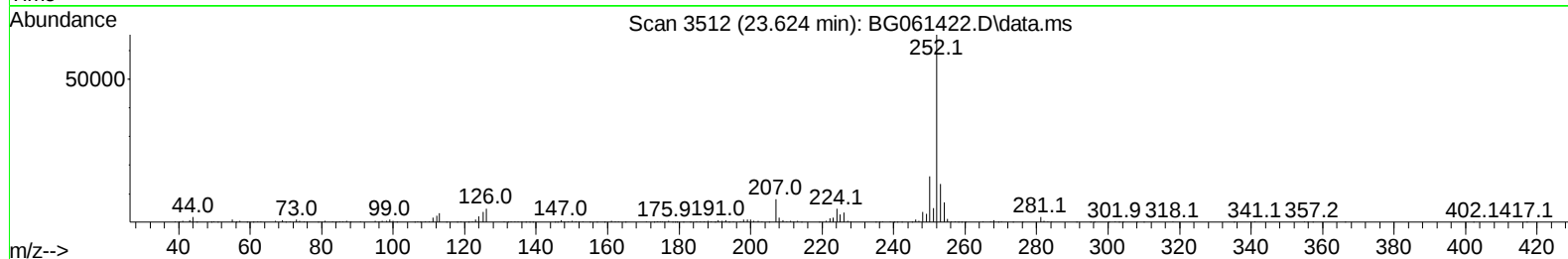
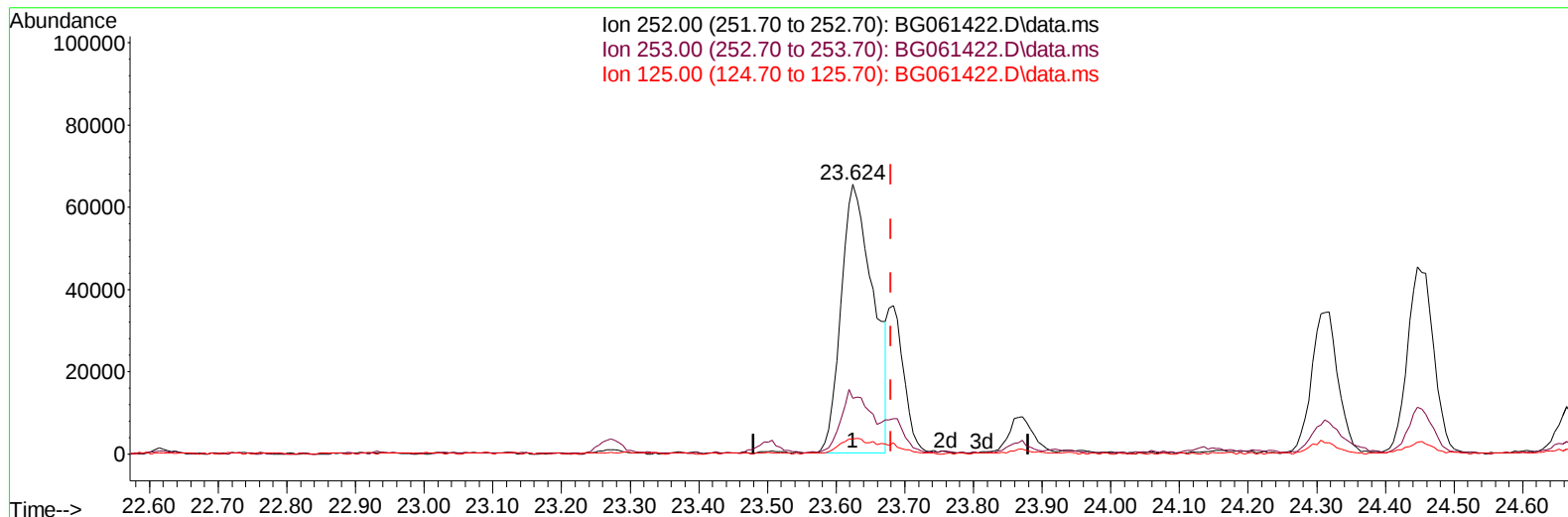
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061422.D
Acq On : 3 Jun 2024 14:02
Operator : MA/JU
Sample : P2588-14DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/05/2024

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TIC: BG061422.D\data.ms

(91) Benzo(k)fluoranthene

23.624min (-0.056) 12.67 ng/u1

response 212485

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	20.61
125.00	5.40	5.54
0.00	0.00	0.00

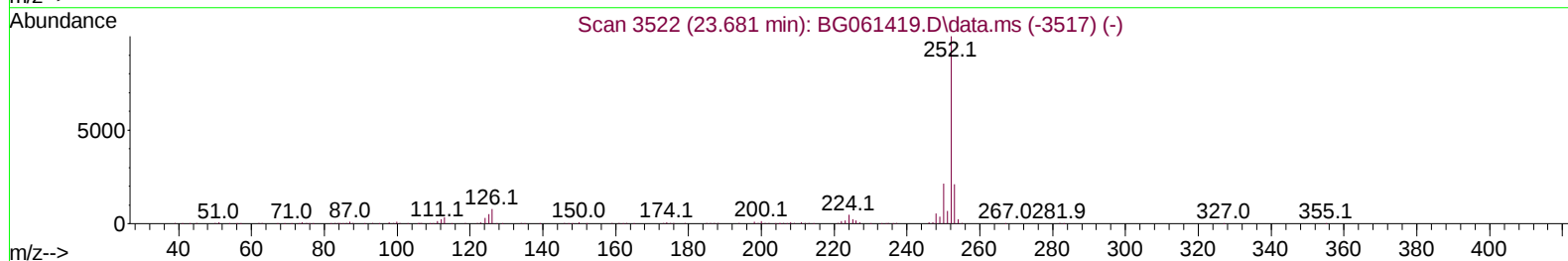
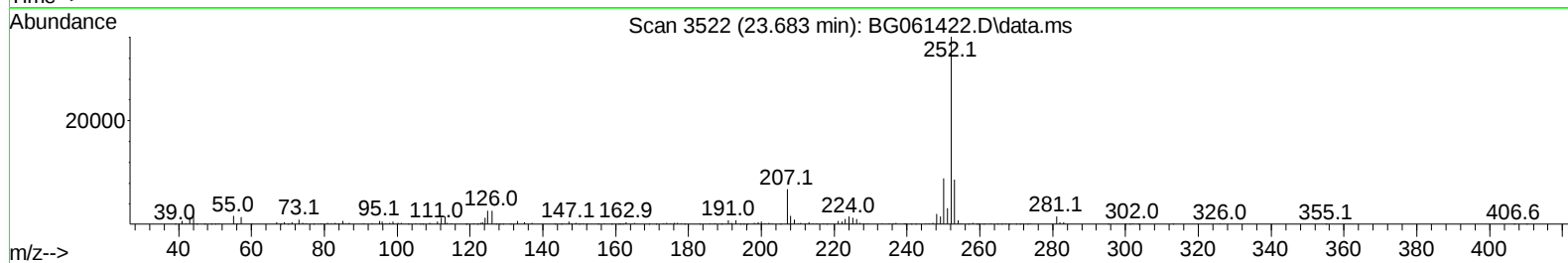
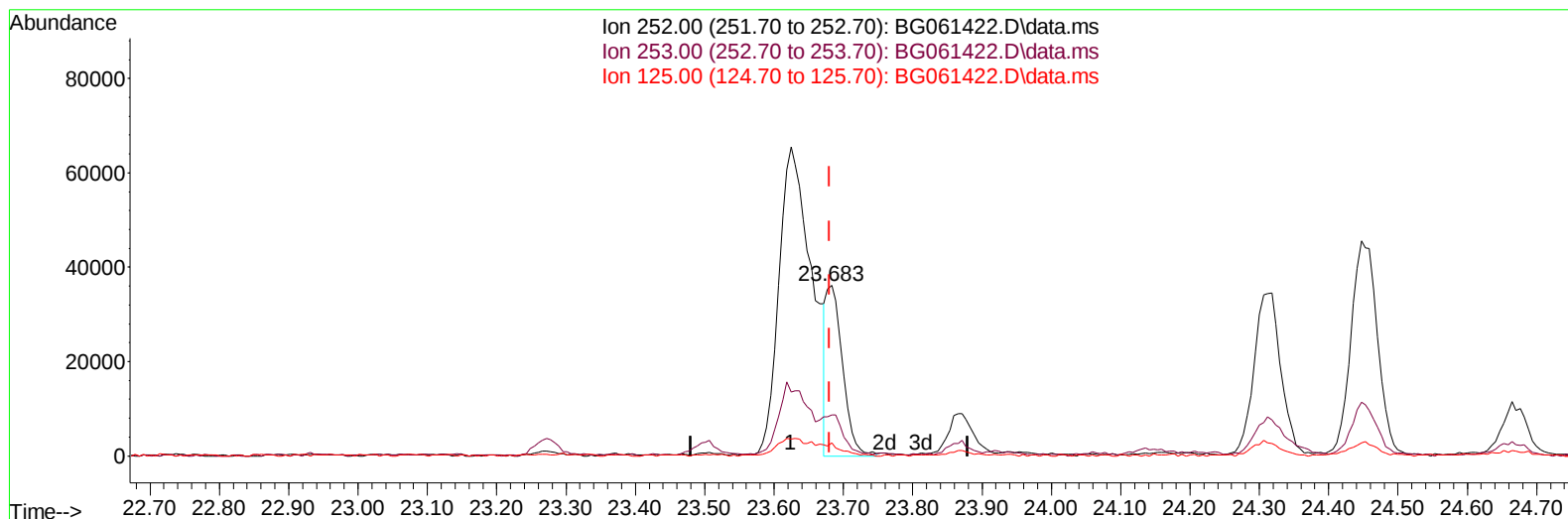
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG061422.D\data.ms

(91) Benzo(k)fluoranthene

23.683min (+ 0.003) 3.52 ng/u1 m

response 59082

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.90
125.00	5.40	7.57#
0.00	0.00	0.00

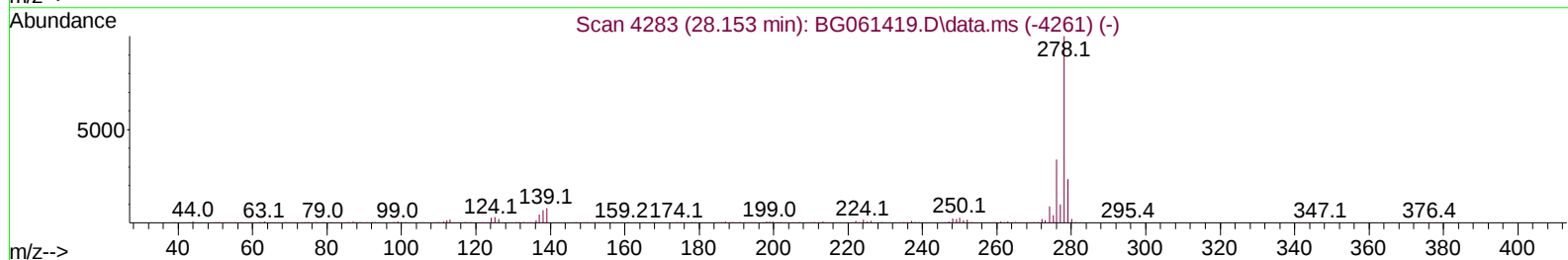
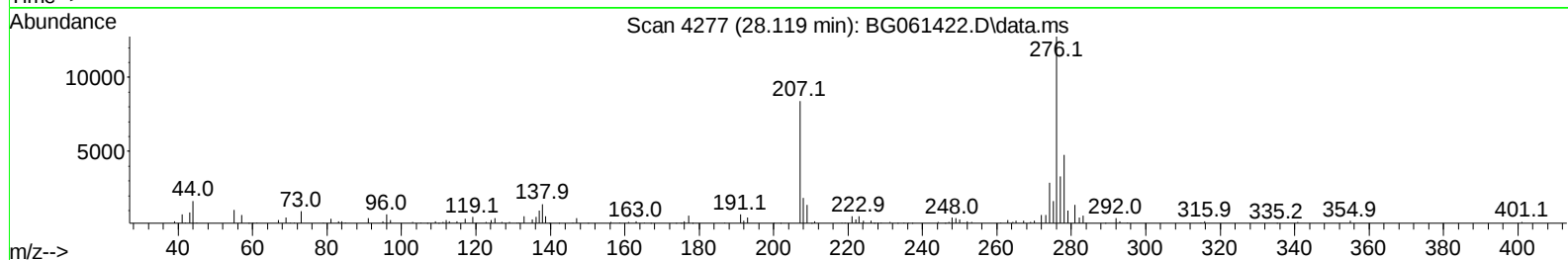
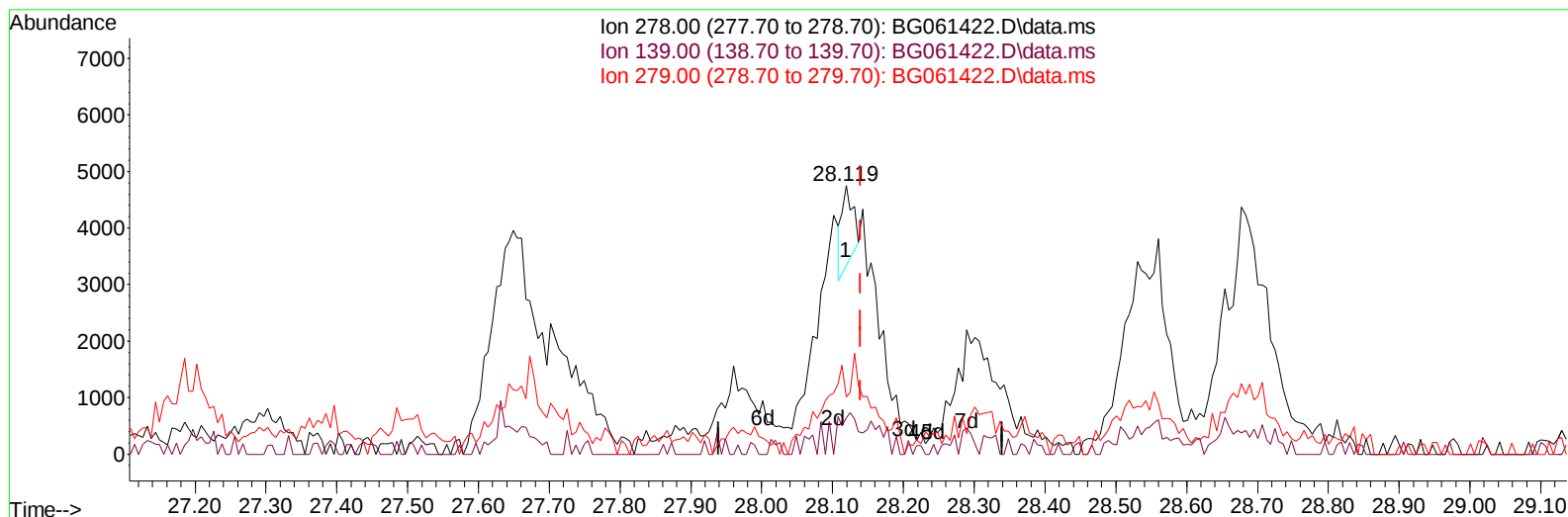
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 Sample : P2588-14DL 5X
 Misc :
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG061422.D\data.ms

(95) Dibenzo(a,h)anthracene

28.119min (-0.020) 0.10 ng/u1

response 1567

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	16.87#
279.00	24.90	21.26
0.00	0.00	0.00

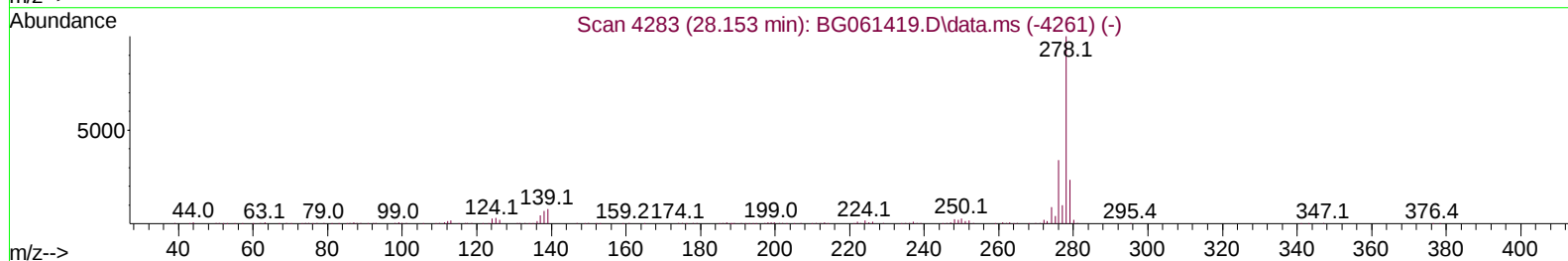
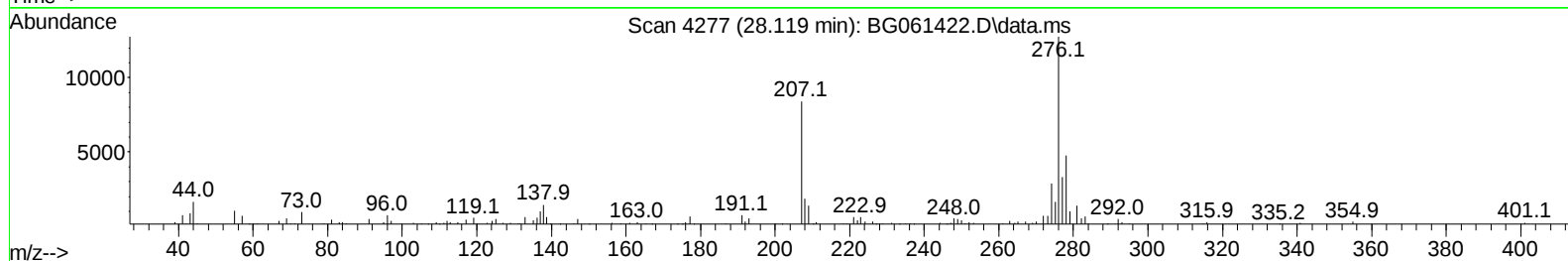
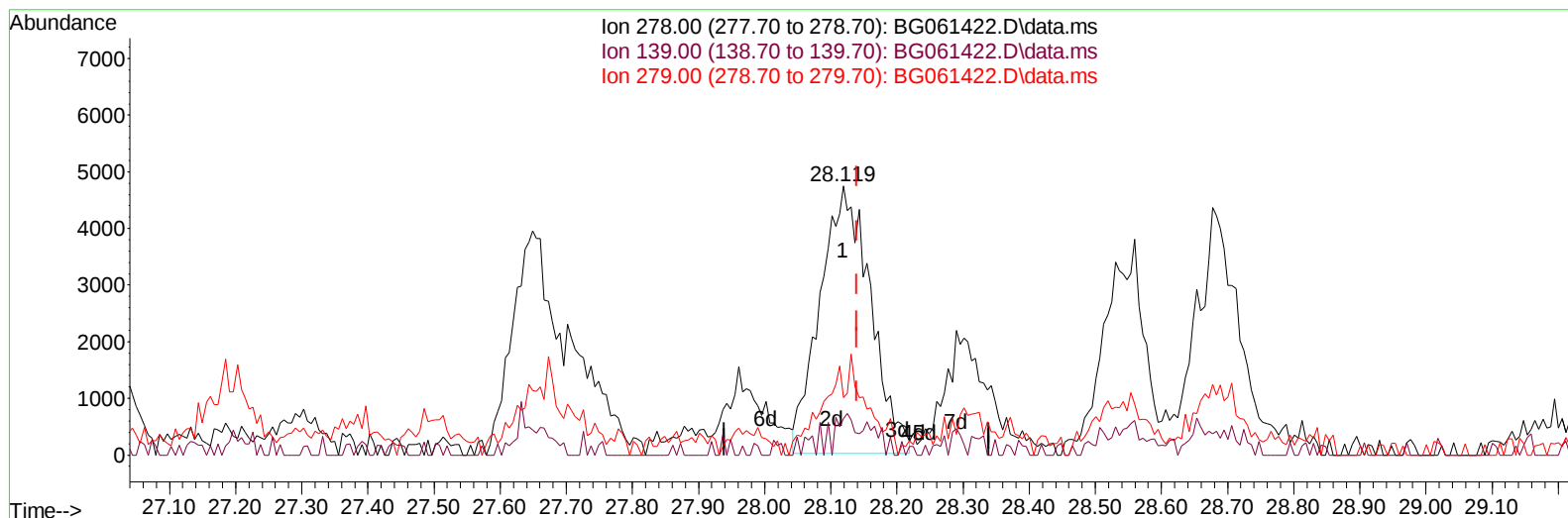
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Instrument :
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TIC: BG061422.D\data.ms

(95) Dibenzo(a,h)anthracene

28.119min (-0.020) 1.60 ng/ul m

response 25018

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	13.46#
279.00	24.90	21.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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 Misc :
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Instrument :
 BNA_G
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Manual IntegrationsAPPROVED

Quant Time: Jun 03 23:29:25 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	27152	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	105821	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.506	164	85377	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.255	188	221390	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.509	240	238318	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264	277439	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	355	0.732	ng/uL	0.00
4) Pyridine-d5	3.748	84	3282	1.901	ng/ul	0.00
7) Phenol-d5	7.061	99	8907	3.995	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	6168	4.401	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	7673	4.650	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	3934	2.069	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	3810	4.676	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	4323	4.534	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	8743	4.703	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	3732	1.535	ng/ul	0.00
46) Dimethylphthalate-d6	13.912	166	34382	5.192	ng/ul	0.00
49) Acenaphthylene-d8	14.200	160	37931	5.510	ng/ul	0.00
54) 4-Nitrophenol-d4	14.764	143	2350m	2.871	ng/ul	0.03
60) Fluorene-d10	15.505	176	31830	5.568	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.355	188	54269m	5.560	ng/ul	0.00
81) Pyrene-d10	19.653	212	73897	6.039	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.388	264	77660	5.822	ng/ul	0.00
Target Compounds						
					Qvalue	
61) Fluorene	15.557	166	6816	1.100	ng/ul#	98
72) Phenanthrene	17.302	178	174401	16.230	ng/ul	99
74) Anthracene	17.391	178	18243	1.642	ng/ul	97
77) Carbazole	17.661	167	12430	1.375	ng/ul	93
80) Fluoranthene	19.318	202	329327	22.435	ng/ul	99
82) Pyrene	19.682	202	283963	18.636	ng/ul	100
85) Benzo(a)anthracene	21.492	228	143738	8.741	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.403	149	20454	2.640	ng/ul#	97
87) Chrysene	21.556	228	159917	10.562	ng/ul	95
90) Benzo(b)fluoranthene	23.624	252	212485	12.863	ng/ul	97
91) Benzo(k)fluoranthene	23.683	252	59082m	3.523	ng/ul	
93) Benzo(a)pyrene	24.447	252	119096	7.593	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.090	276	89412	4.714	ng/ul	98
95) Dibenzo(a,h)anthracene	28.119	278	25018m	1.600	ng/ul	
96) Benzo(g,h,i)perylene	29.183	276	72008	4.772	ng/ul	95

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

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