

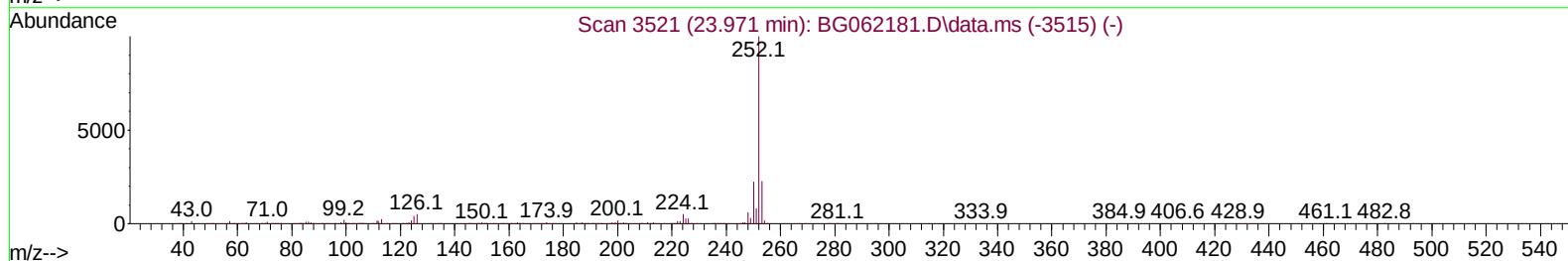
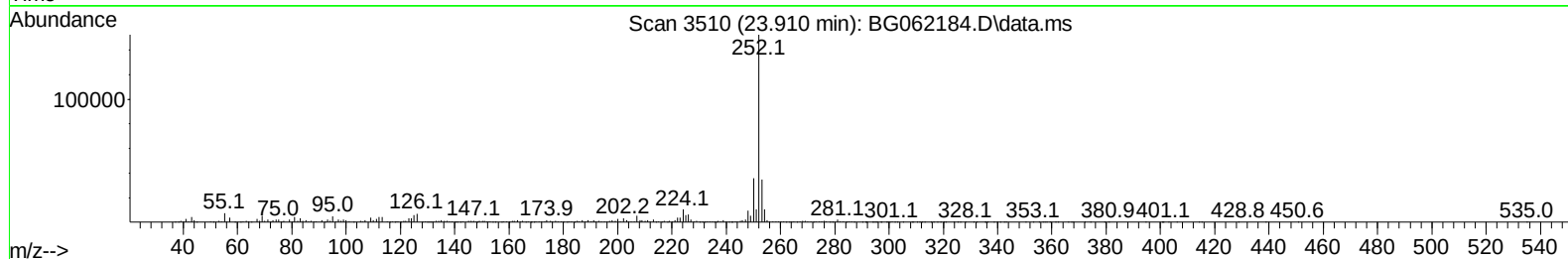
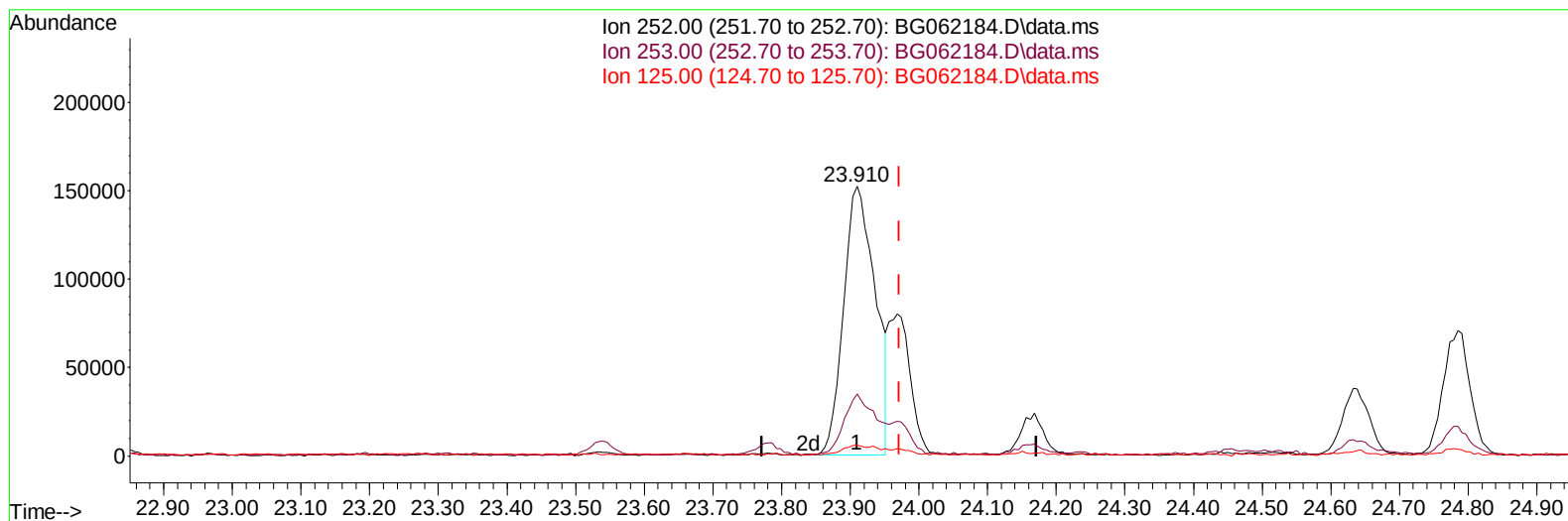
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062184.D
Acq On : 23 Jul 2024 13:51
Operator : MA/JU
Sample : P3263-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BA2

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 14:37:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration



TIC: BG062184.D\data.ms

(91) Benzo(k)fluoranthene

23.910min (-0.062) 23.85 ng/uI

response 484292

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	22.94
125.00	3.40	4.00
0.00	0.00	0.00

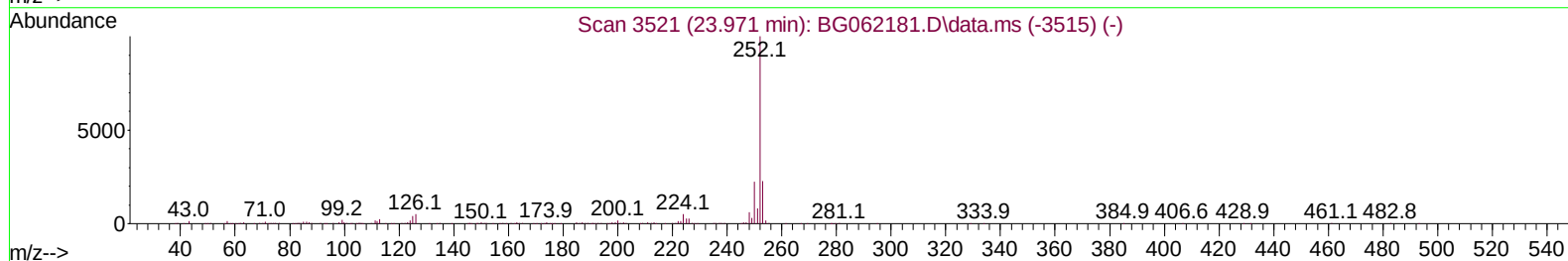
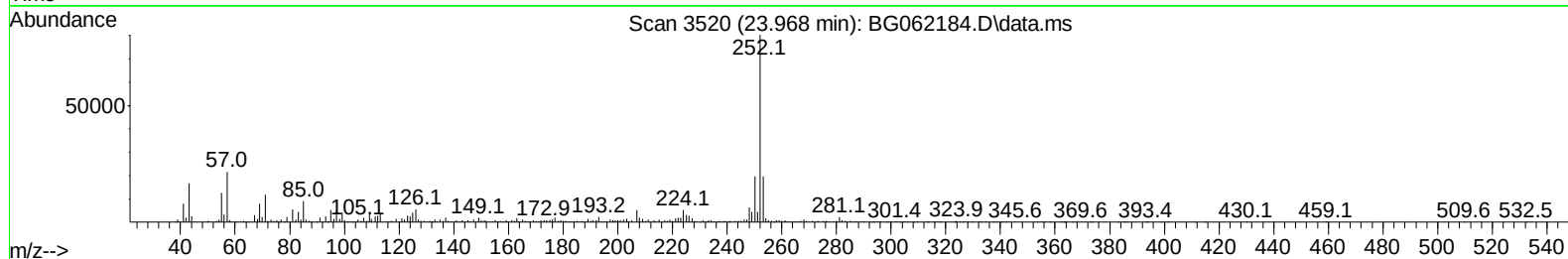
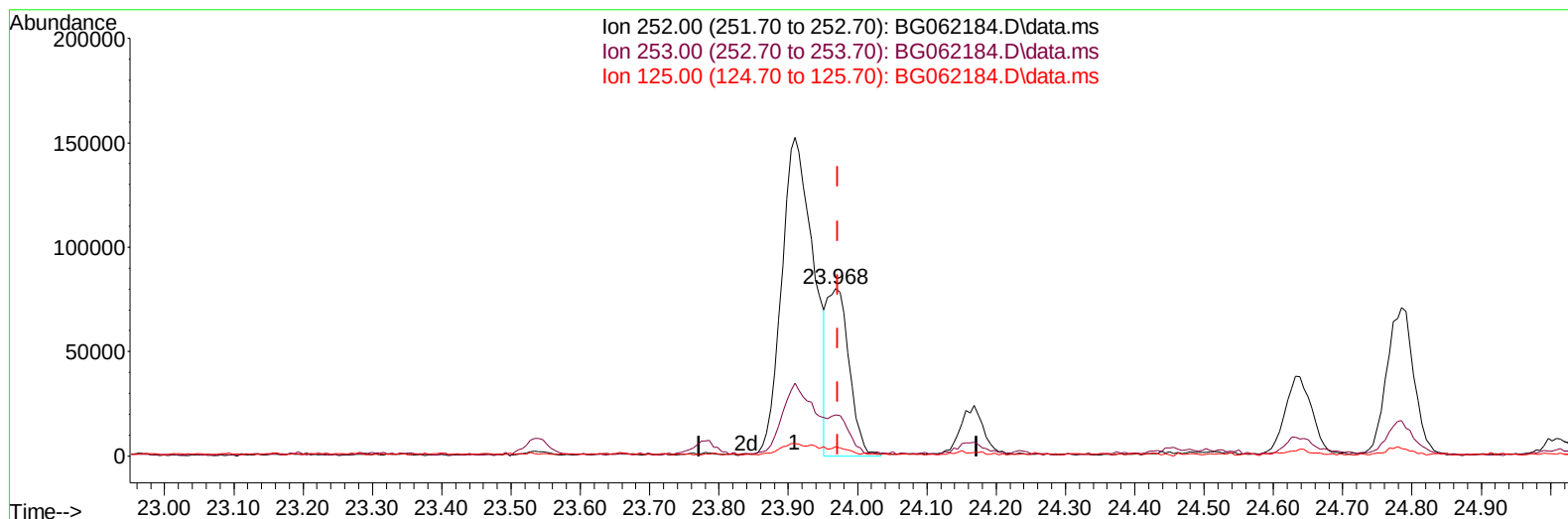
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TIC: BG062184.D\data.ms

(91) Benzo(k)fluoranthene

23.968min (-0.003) 8.74 ng/ul m

response 177503

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	24.50
125.00	3.40	5.40#
0.00	0.00	0.00

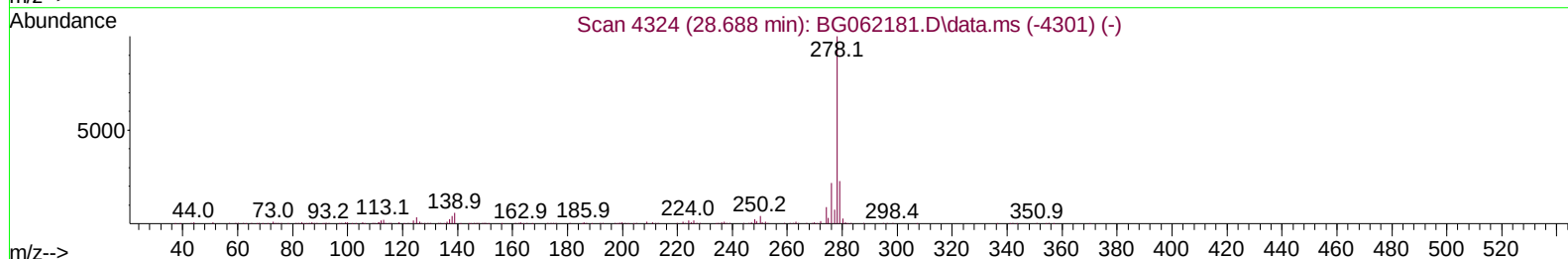
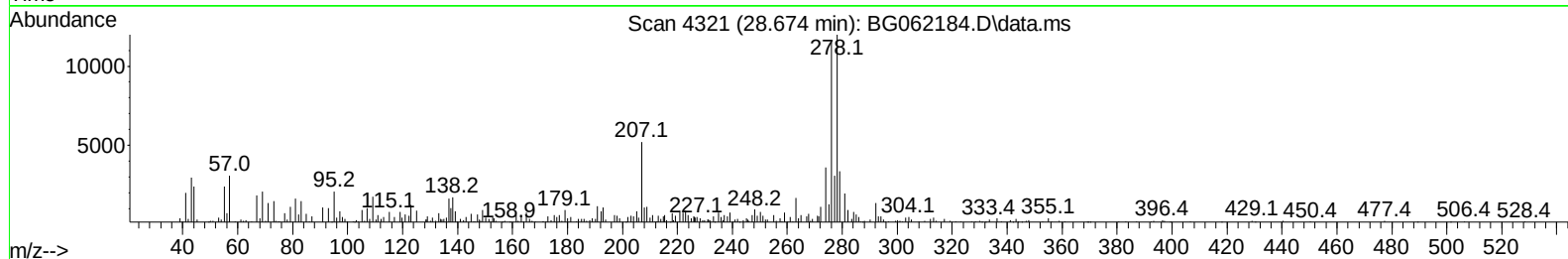
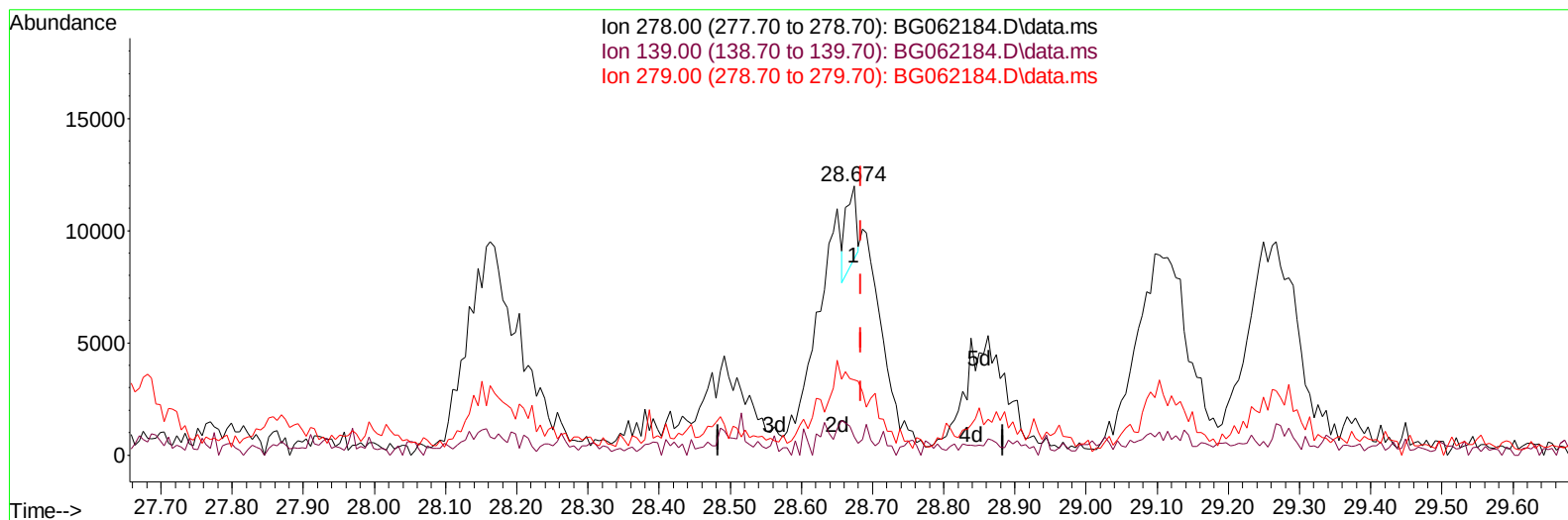
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TIC: BG062184.D\data.ms

(95) Dibenzo(a,h)anthracene

28.674min (-0.009) 0.19 ng/u1

response 3522

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	6.82
279.00	23.60	27.95
0.00	0.00	0.00

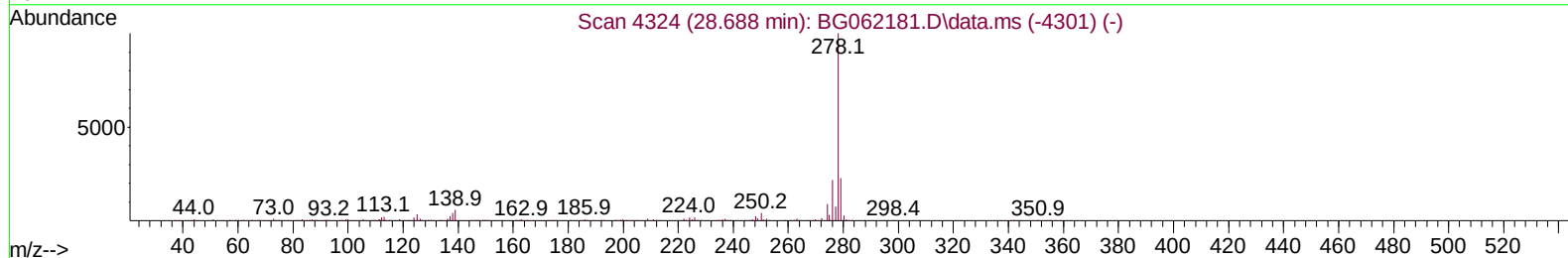
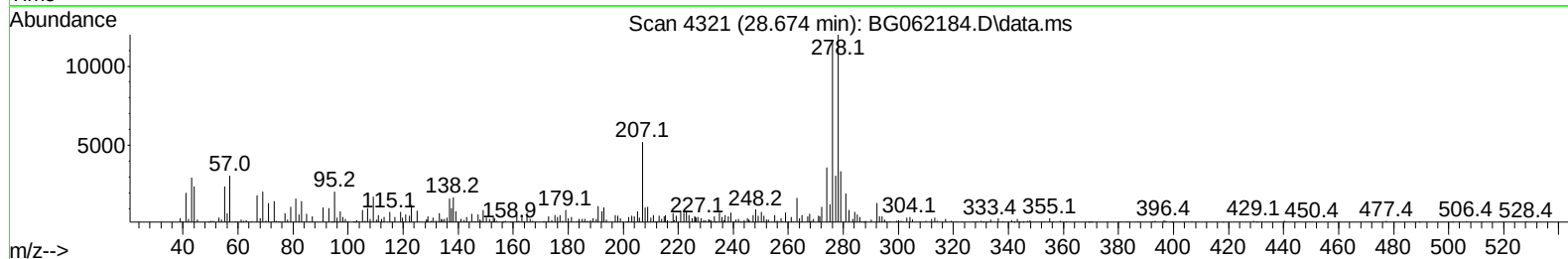
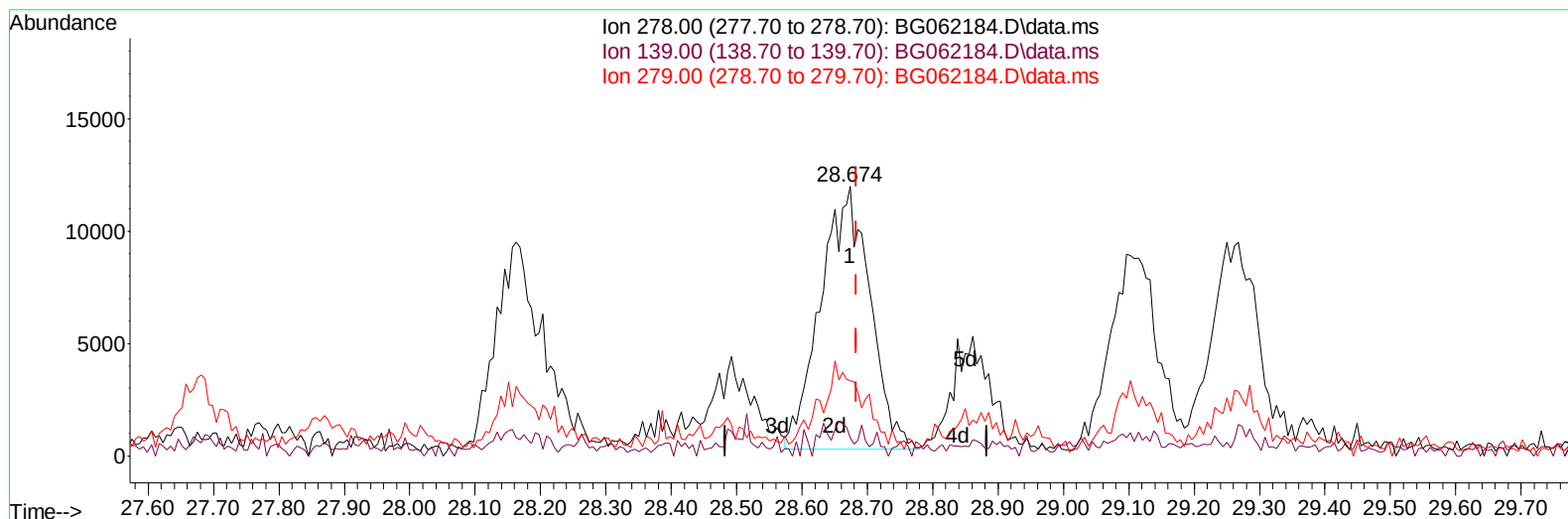
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Instrument :
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TIC: BG062184.D\data.ms

(95) Dibenzo(a,h)anthracene

28.674min (-0.009) 3.38 ng/ul m

response 61388

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.90	6.82
279.00	23.60	27.95
0.00	0.00	0.00

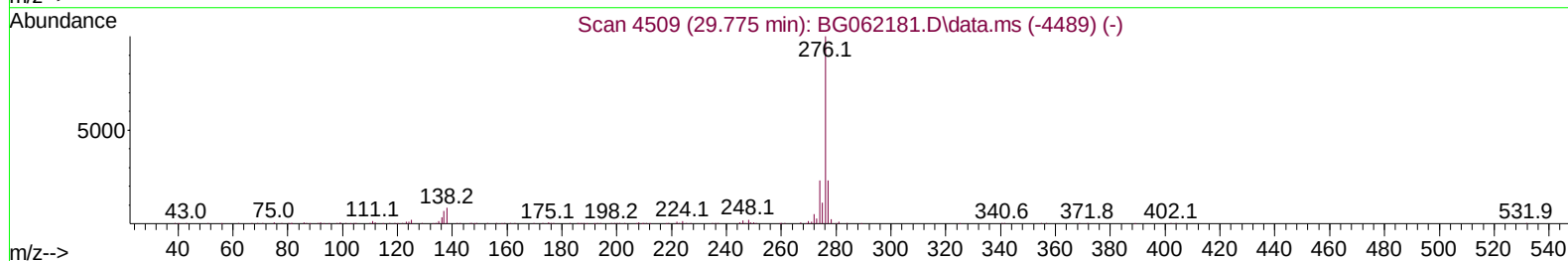
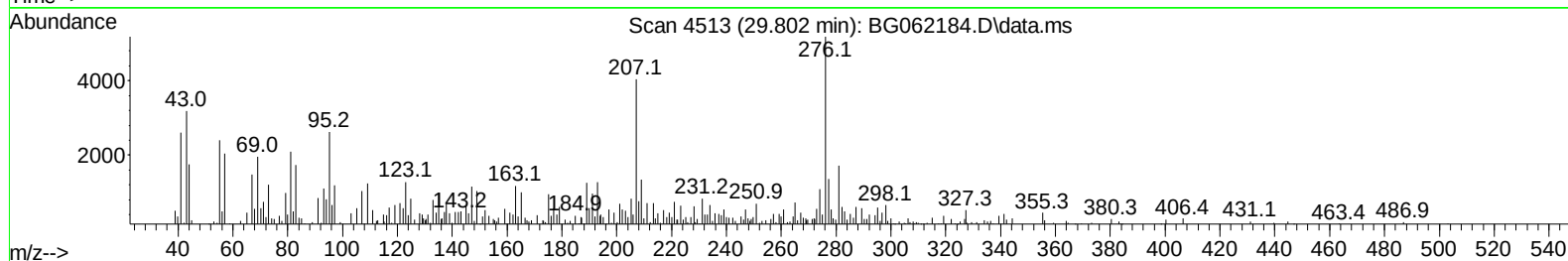
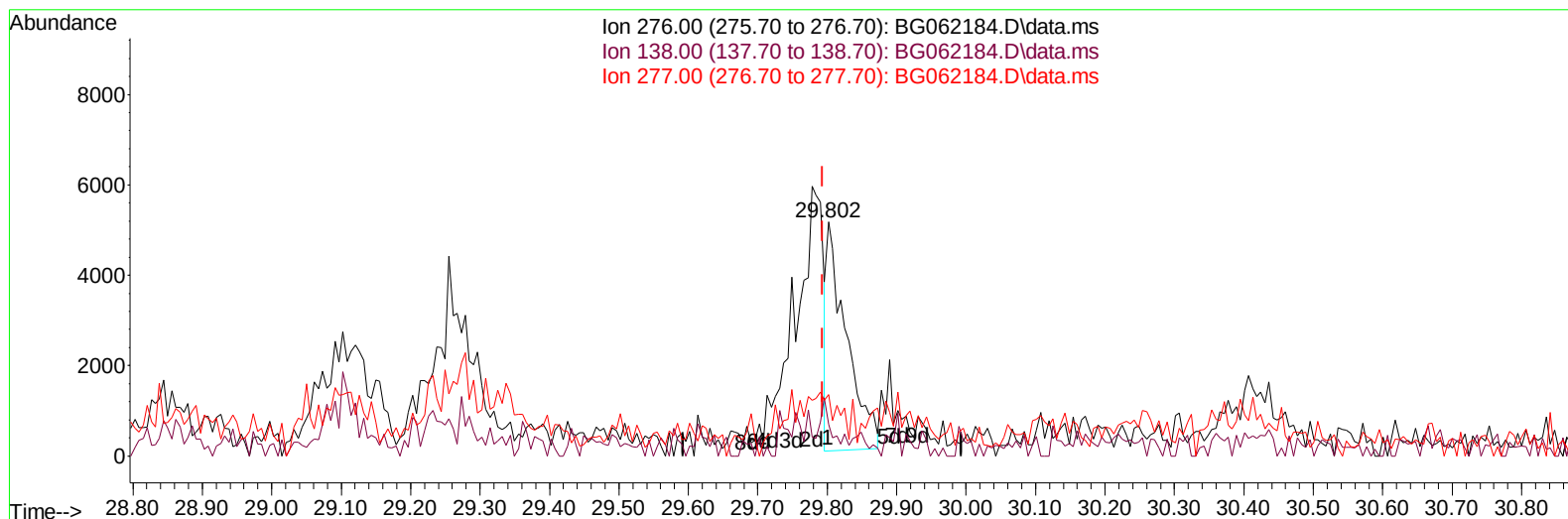
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 ALS Vial : 5 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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TIC: BG062184.D\data.ms

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

29.802min (+ 0.008) 0.56 ng/u1

response 9860

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.80	13.36#
277.00	22.40	26.28
0.00	0.00	0.00

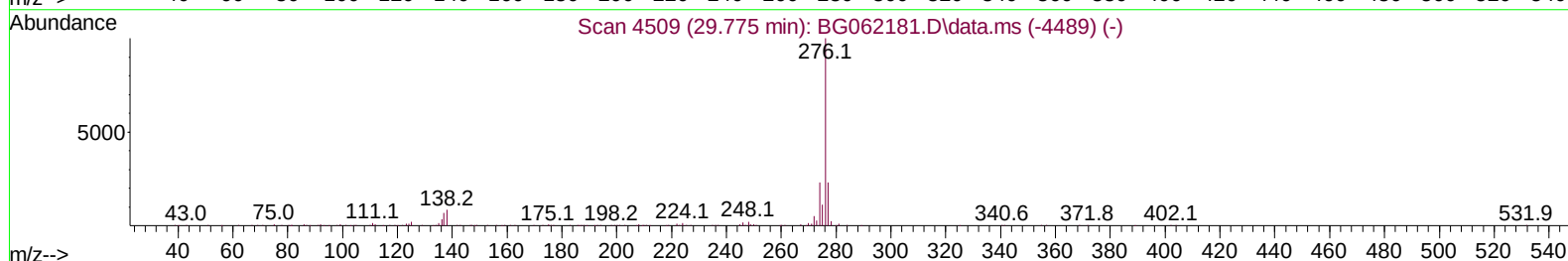
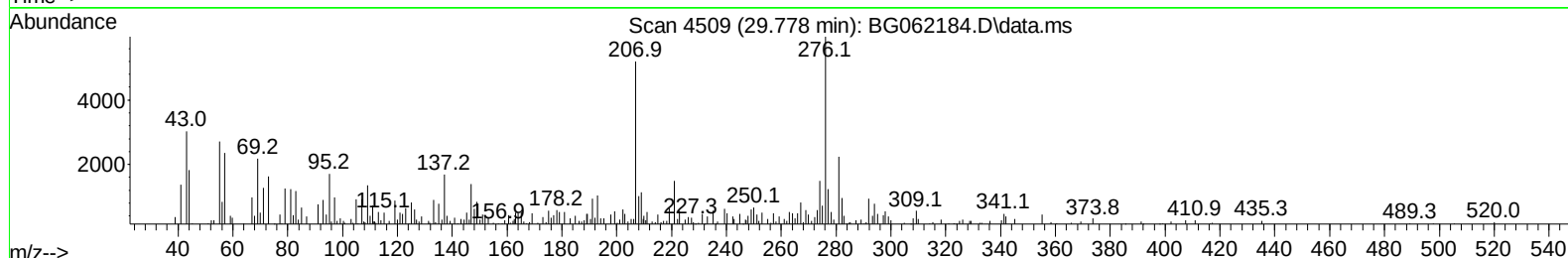
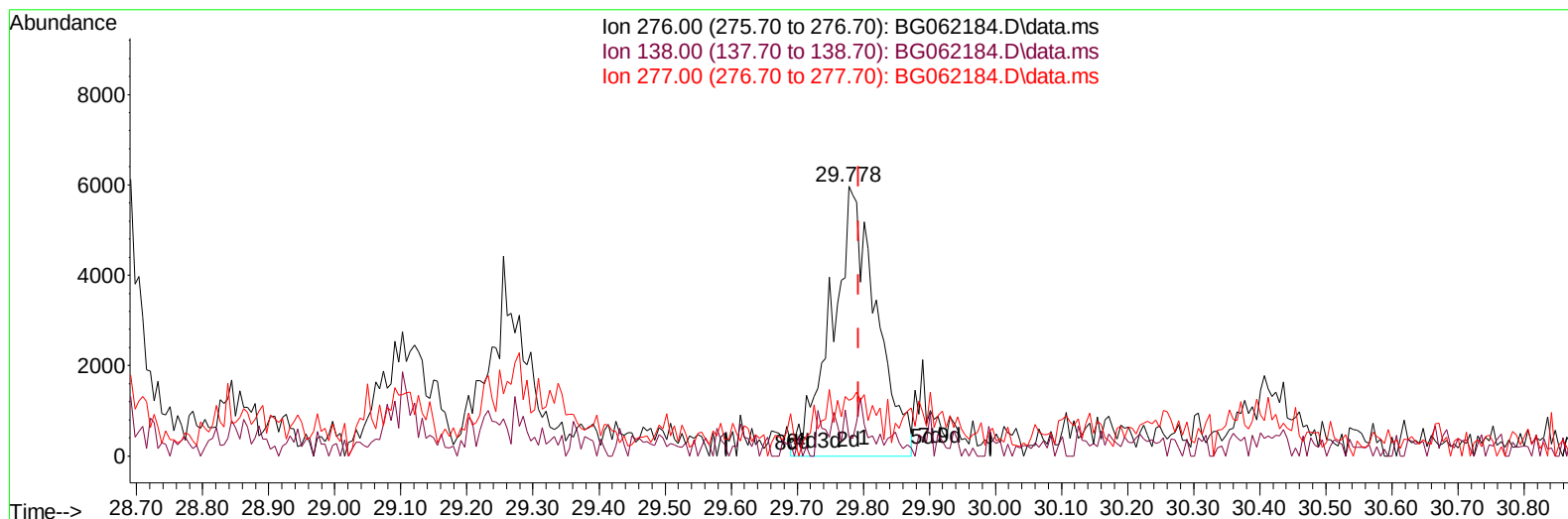
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TIC: BG062184.D\data.ms

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

29.778min (-0.015) 1.60 ng/ul m

response 28011

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.80	6.98#
277.00	22.40	20.74
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	33730	20.000	ng/ul	0.00
20) Naphthalene-d8	10.880	136	146176	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	122972	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.436	188	314375	20.000	ng/ul	0.00
79) Chrysene-d12	21.701	240	297485	20.000	ng/ul	0.00
88) Perylene-d12	24.938	264	329240	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	3871	5.358	ng/uL	0.00
4) Pyridine-d5	3.884	84	8370	3.189	ng/ul	0.00
7) Phenol-d5	7.238	99	79034	23.801	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	44254	23.195	ng/ul	0.00
11) 2-Chlorophenol-d4	7.597	132	50732	24.242	ng/ul	0.00
15) 4-Methylphenol-d8	8.783	113	60012	23.730	ng/ul	0.00
21) Nitrobenzene-d5	9.235	128	28193	24.208	ng/ul	0.00
24) 2-Nitrophenol-d4	9.958	143	33450	23.863	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	77713	26.484	ng/ul	0.00
31) 4-Chloroaniline-d4	11.021	131	33310	9.437	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	246055	23.606	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	280243	26.516	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	29572	23.543	ng/ul	0.00
60) Fluorene-d10	15.686	176	237759	26.791	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	43619	21.833	ng/ul	0.00
73) Anthracene-d10	17.536	188	392371	26.718	ng/ul	0.00
81) Pyrene-d10	19.821	212	424367	25.159	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.720	264	313852	19.069	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.895	105	4936	1.118	ng/ul#	68
52) Acenaphthene	14.757	153	11201	1.465	ng/ul	96
61) Fluorene	15.738	166	14502	1.468	ng/ul	98
72) Phenanthrene	17.483	178	347739	22.986	ng/ul	96
74) Anthracene	17.571	178	64358	4.132	ng/ul	93
77) Carbazole	17.841	167	34567	2.610	ng/ul	97
80) Fluoranthene	19.486	202	821819	42.473	ng/ul	98
82) Pyrene	19.851	202	584455	29.050	ng/ul#	98
83) Butylbenzylphthalate	20.714	149	7016	1.175	ng/ul	87
85) Benzo(a)anthracene	21.683	228	374660	17.943	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.566	149	56948	6.654	ng/ul	98
87) Chrysene	21.748	228	388694	20.248	ng/ul	96
90) Benzo(b)fluoranthene	23.910	252	484292	23.808	ng/ul	97
91) Benzo(k)fluoranthene	23.968	252	177503m	8.742	ng/ul	
93) Benzo(a)pyrene	24.785	252	191924	10.075	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.621	276	172974	7.903	ng/ul	95
95) Dibenzo(a,h)anthracene	28.674	278	61388m	3.383	ng/ul	
96) Benzo(g,h,i)perylene	29.778	276	28011m	1.599	ng/ul	

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

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