

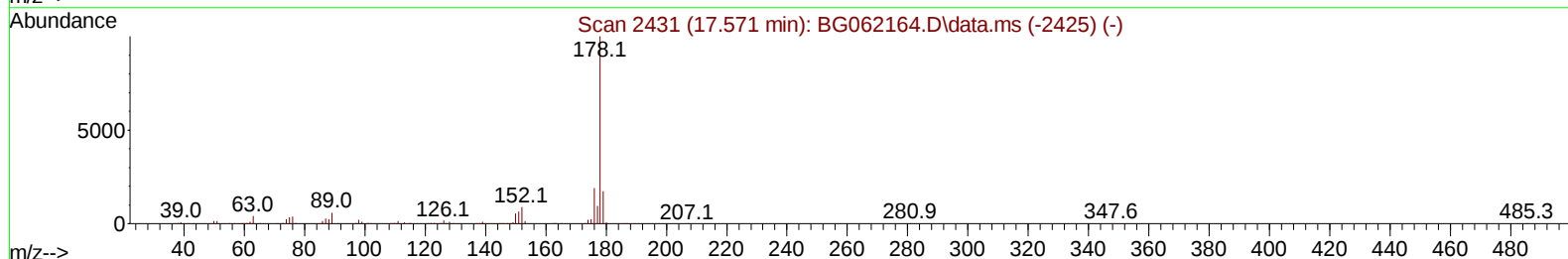
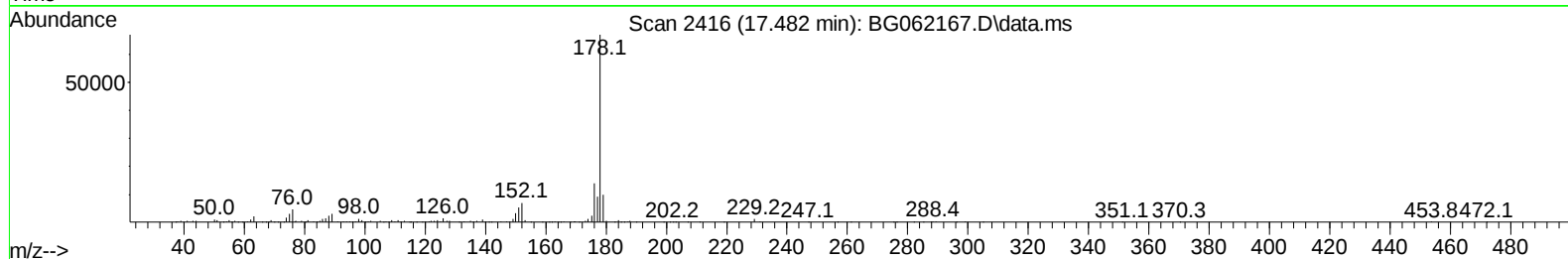
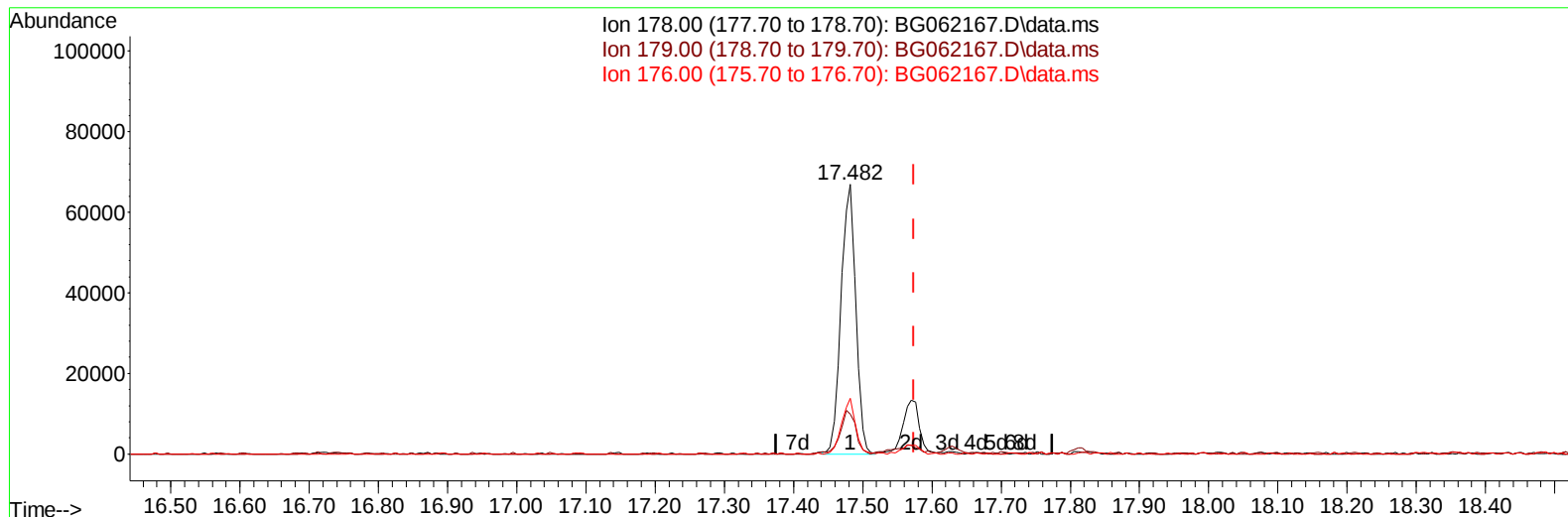
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062167.D
Acq On : 22 Jul 2024 18:57
Operator : MA/JU
Sample : P3263-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BB1

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:12:25 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

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062167.D\data.ms

(74) Anthracene

17.482min (-0.092) 5.74 ng/u1

response 98137

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	14.75
176.00	20.40	20.75
0.00	0.00	0.00

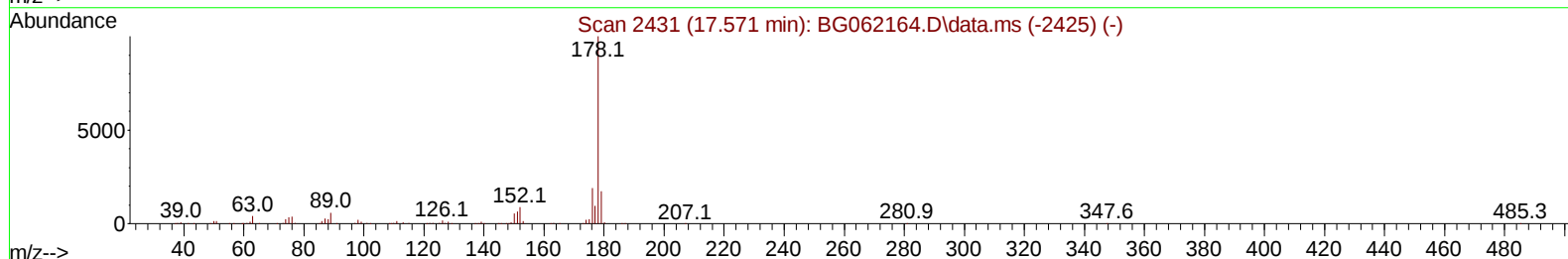
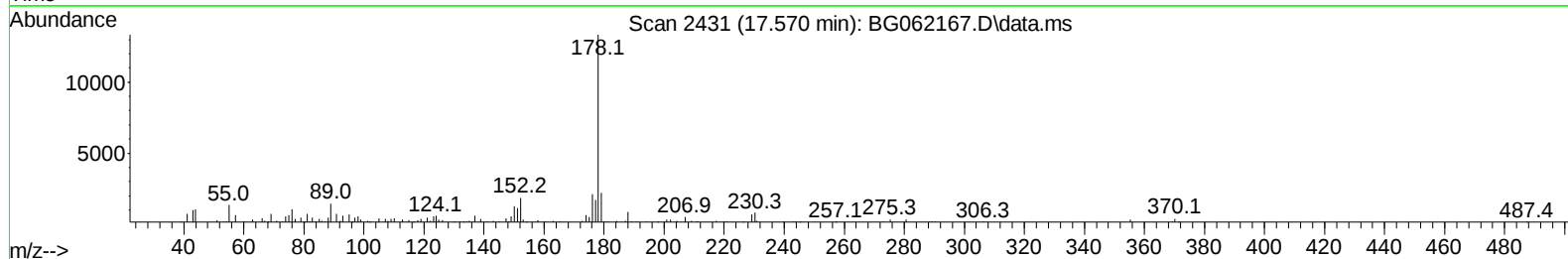
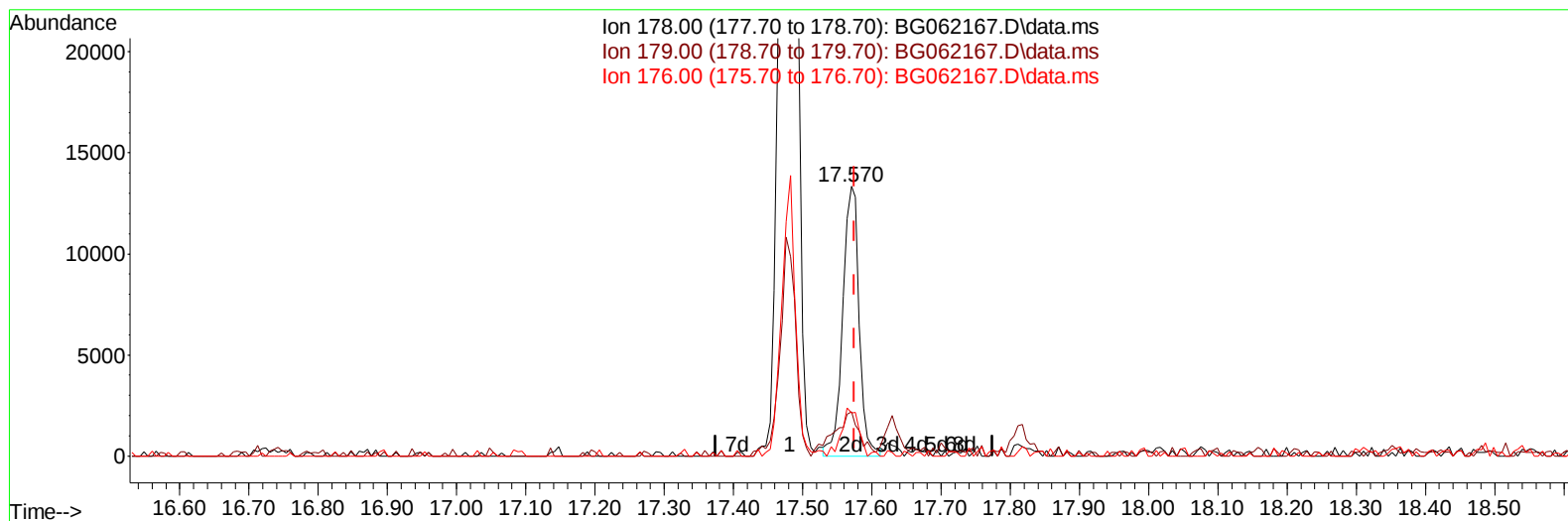
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TIC: BG062167.D\data.ms

(74) Anthracene

17.570min (-0.004) 1.30 ng/ul m

response 22163

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	16.42
176.00	20.40	16.02#
0.00	0.00	0.00

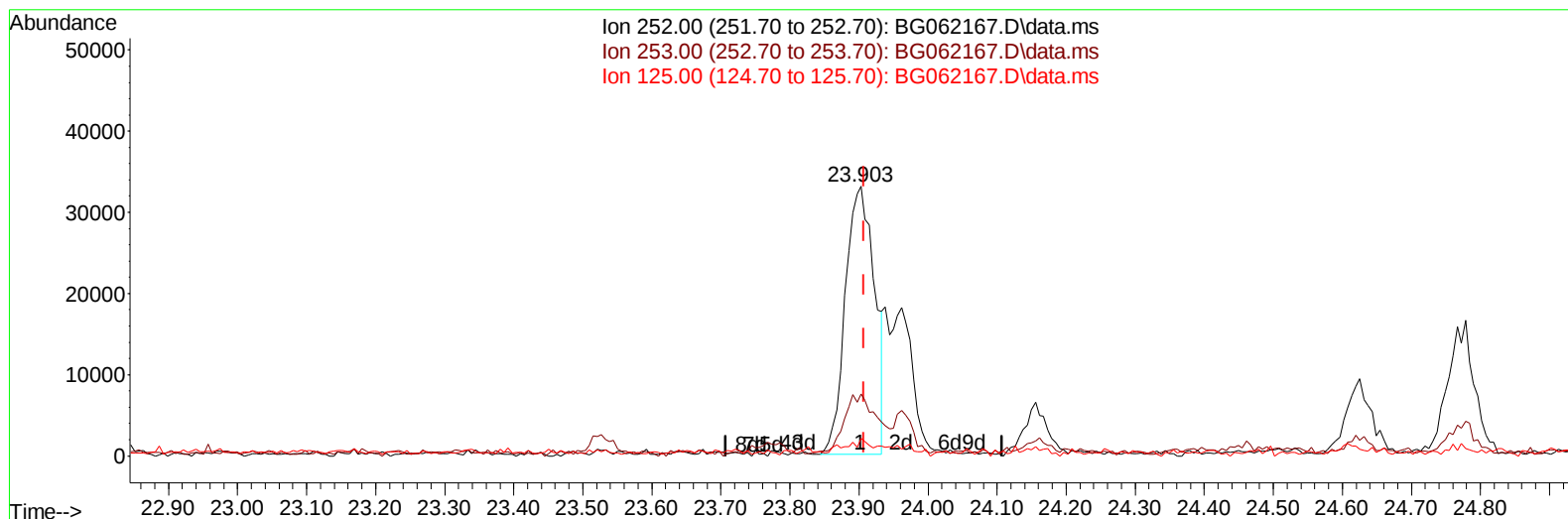
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Acq On : 22 Jul 2024 18:57
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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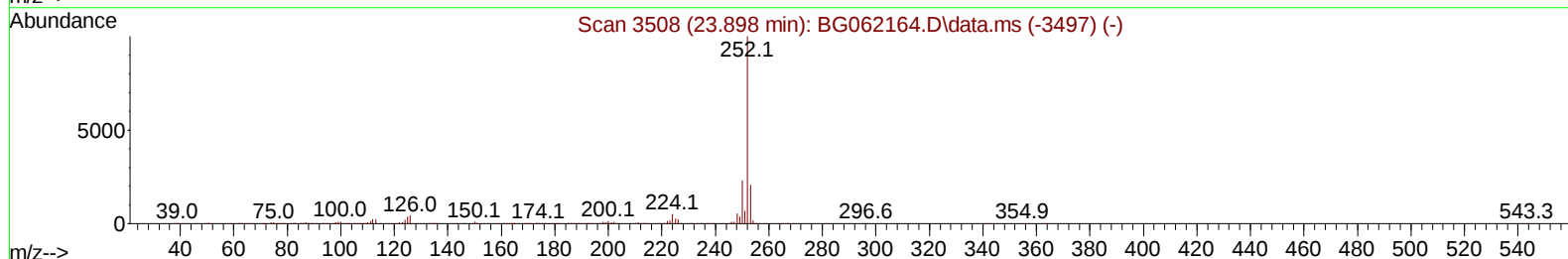
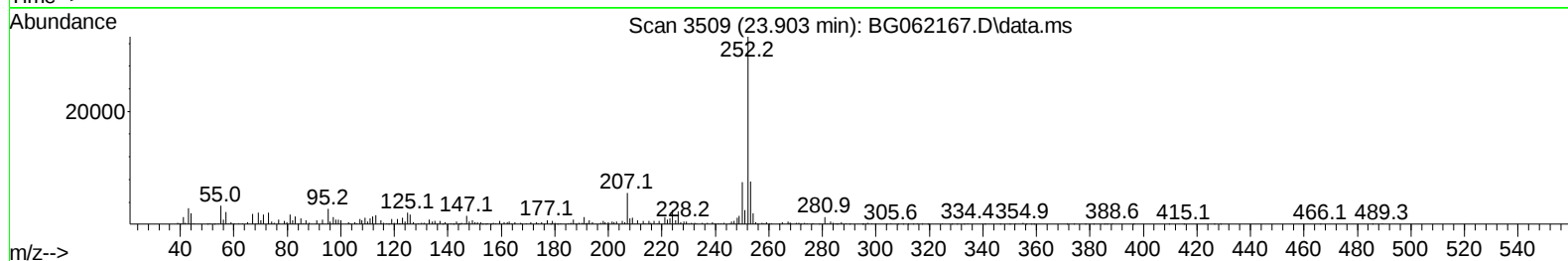
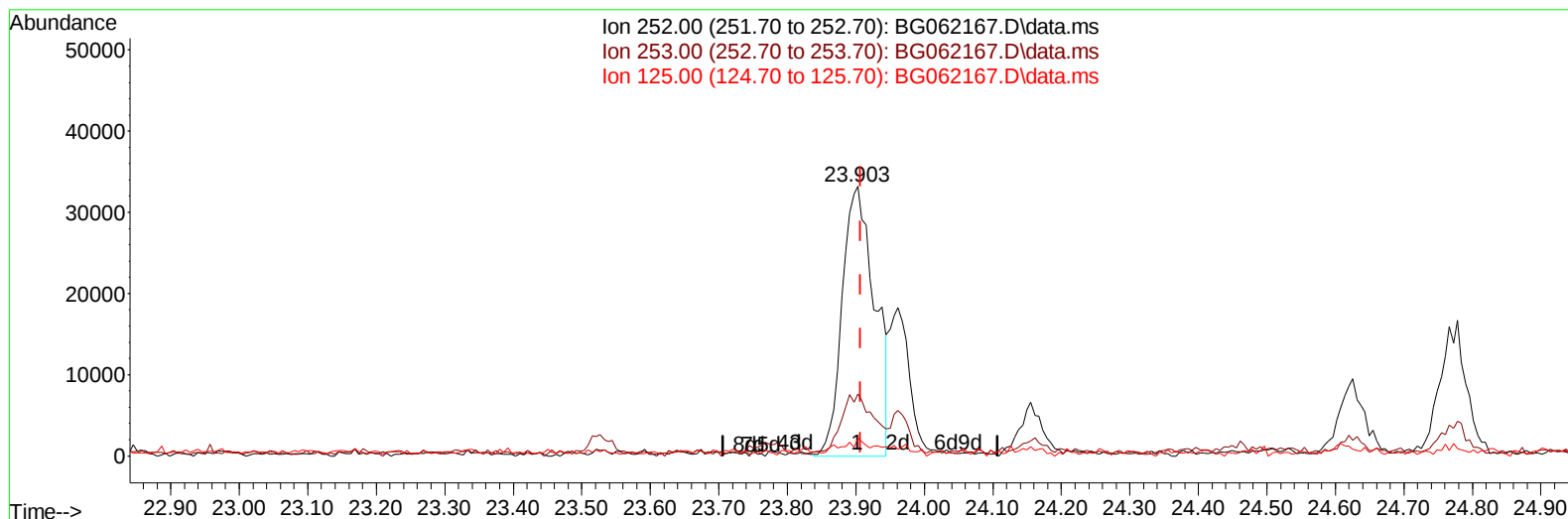
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TIC: BG062167.D\data.ms

(90) Benzo(b)fluoranthene

23.903min (-0.004) 5.16 ng/u1 m

response 109734

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.08
125.00	4.20	6.42#
0.00	0.00	0.00

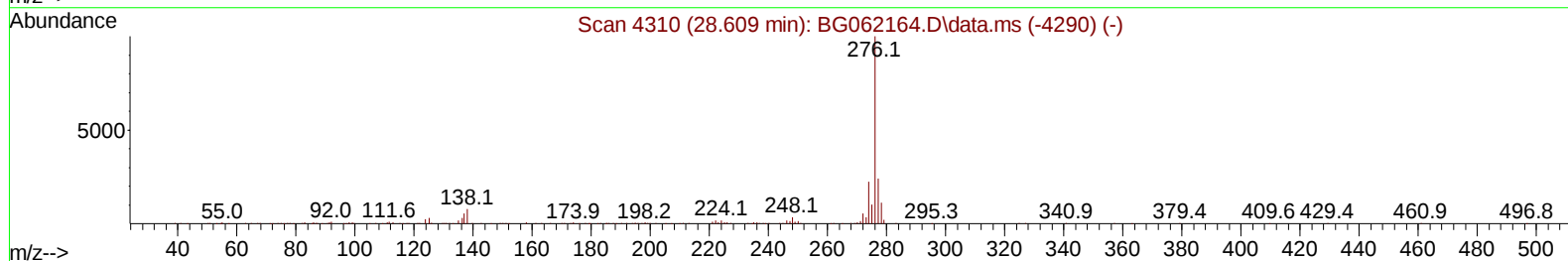
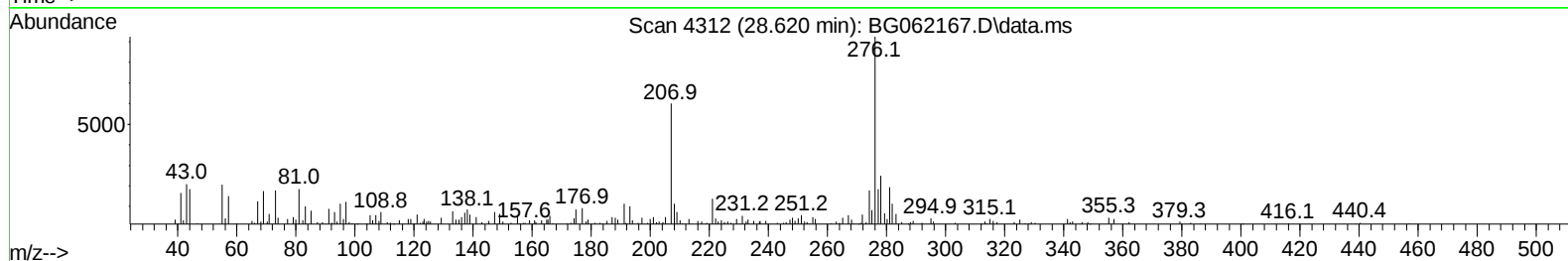
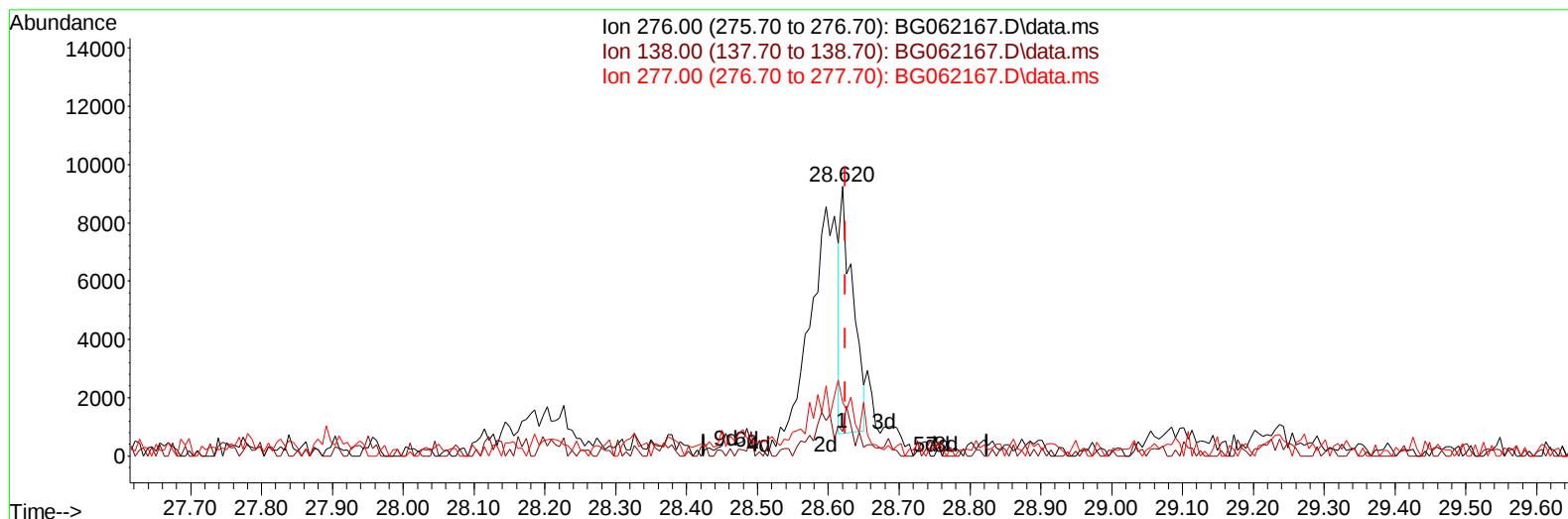
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TIC: BG062167.D\data.ms

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

28.620min (-0.004) 0.43 ng/u1

response 9923

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	9.18#
277.00	21.80	20.00
0.00	0.00	0.00

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Quant Time: Jul 22 23:24:09 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	33965	20.000	ng/ul	0.00
20) Naphthalene-d8	10.879	136	147872	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	132480	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.435	188	345196	20.000	ng/ul	0.00
79) Chrysene-d12	21.700	240	324880	20.000	ng/ul	0.00
88) Perylene-d12	24.925	264	344217	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.454	96	2888	3.970	ng/uL	0.00
4) Pyridine-d5	3.883	84	8804	3.331	ng/ul	0.00
7) Phenol-d5	7.237	99	75677	22.632	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.384	67	41534	21.618	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	48052	22.803	ng/ul	0.00
15) 4-Methylphenol-d8	8.782	113	60793	23.872	ng/ul	0.00
21) Nitrobenzene-d5	9.235	128	25198	21.388	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	32140	22.666	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	71894	24.220	ng/ul	0.00
31) 4-Chloroaniline-d4	11.015	131	54839	15.357	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	245072	21.825	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	265146	23.287	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	29268	21.629	ng/ul	0.00
60) Fluorene-d10	15.685	176	228221	23.871	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	42791	19.506	ng/ul	-0.01
73) Anthracene-d10	17.535	188	382863	23.743	ng/ul	0.00
81) Pyrene-d10	19.820	212	401505	21.797	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.702	264	283406	16.470	ng/ul	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.482	178	98137	5.908	ng/ul	97
74) Anthracene	17.570	178	22163m	1.296	ng/ul	
80) Fluoranthene	19.485	202	199663	9.449	ng/ul	99
82) Pyrene	19.844	202	137691	6.267	ng/ul	99
85) Benzo(a)anthracene	21.677	228	97819	4.290	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.565	149	10794	1.155	ng/ul#	82
87) Chrysene	21.741	228	90434	4.314	ng/ul	94
90) Benzo(b)fluoranthene	23.903	252	109734m	5.160	ng/ul	
91) Benzo(k)fluoranthene	23.962	252	36661	1.727	ng/ul#	85
93) Benzo(a)pyrene	24.778	252	42968	2.157	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.620	276	40372m	1.764	ng/ul	

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

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