

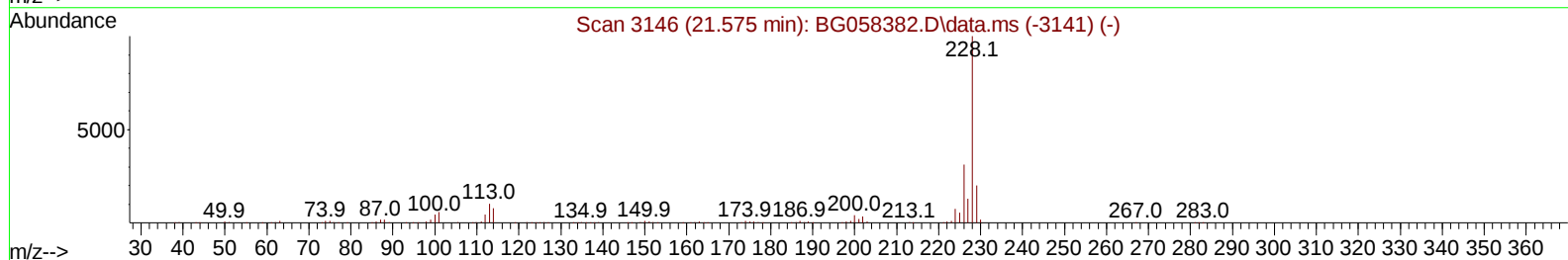
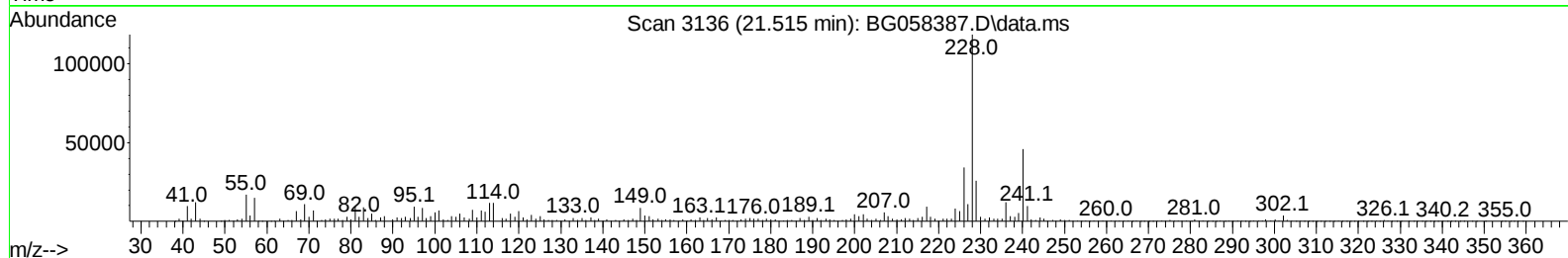
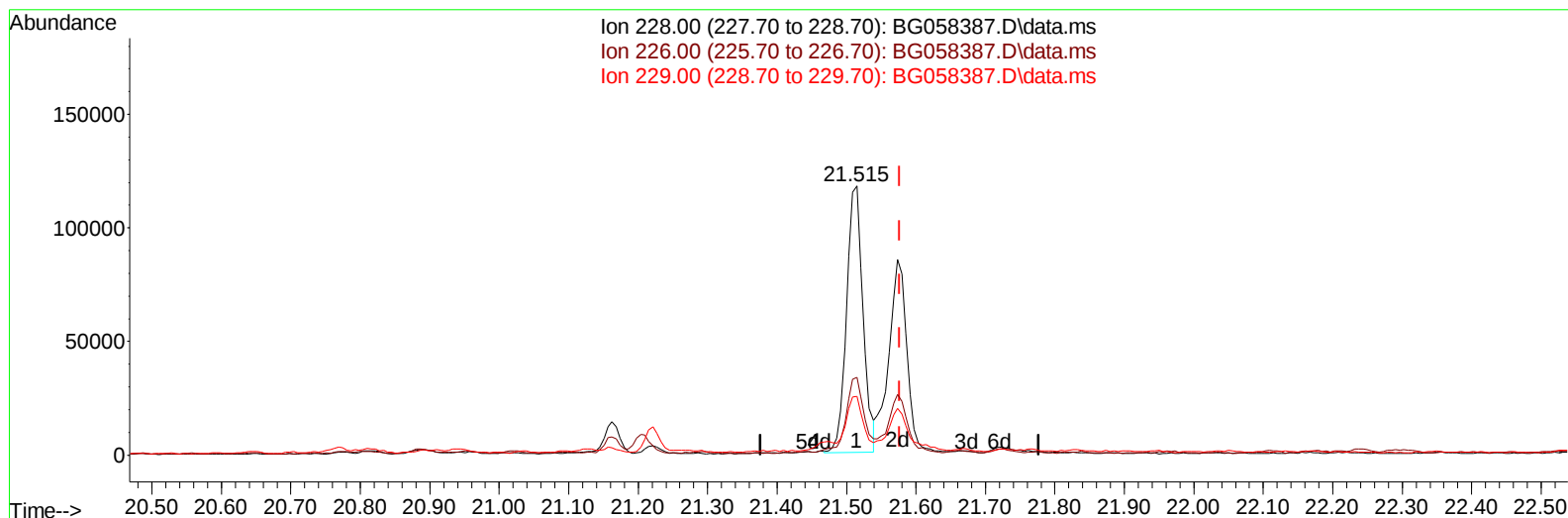
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058387.D
 Acq On : 21 Jul 2023 14:34
 Operator : CG/JU
 Sample : 03504-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S2

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:16:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058387.D\data.ms

(87) Chrysene

21.515min (-0.062) 13.78 ng/u1

response 193676

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	28.86
229.00	19.80	21.93
0.00	0.00	0.00

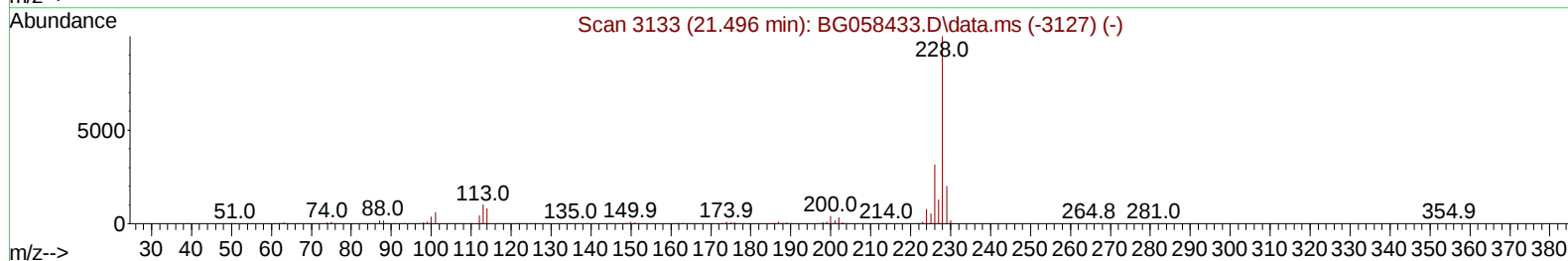
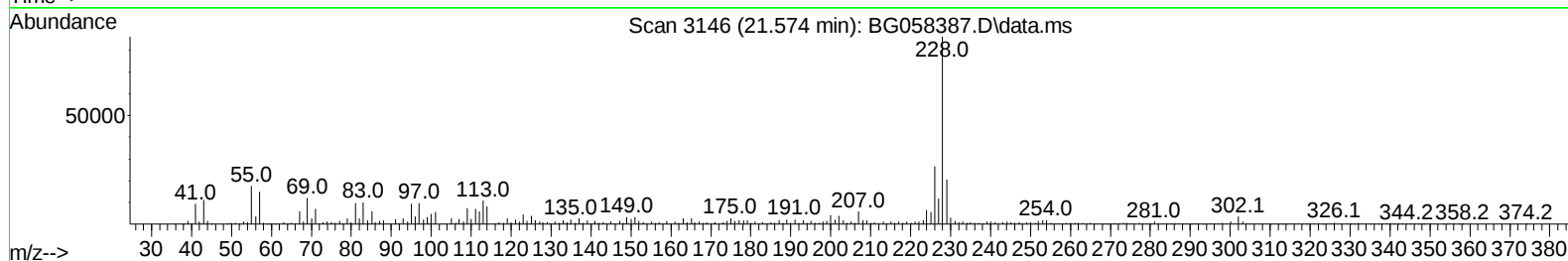
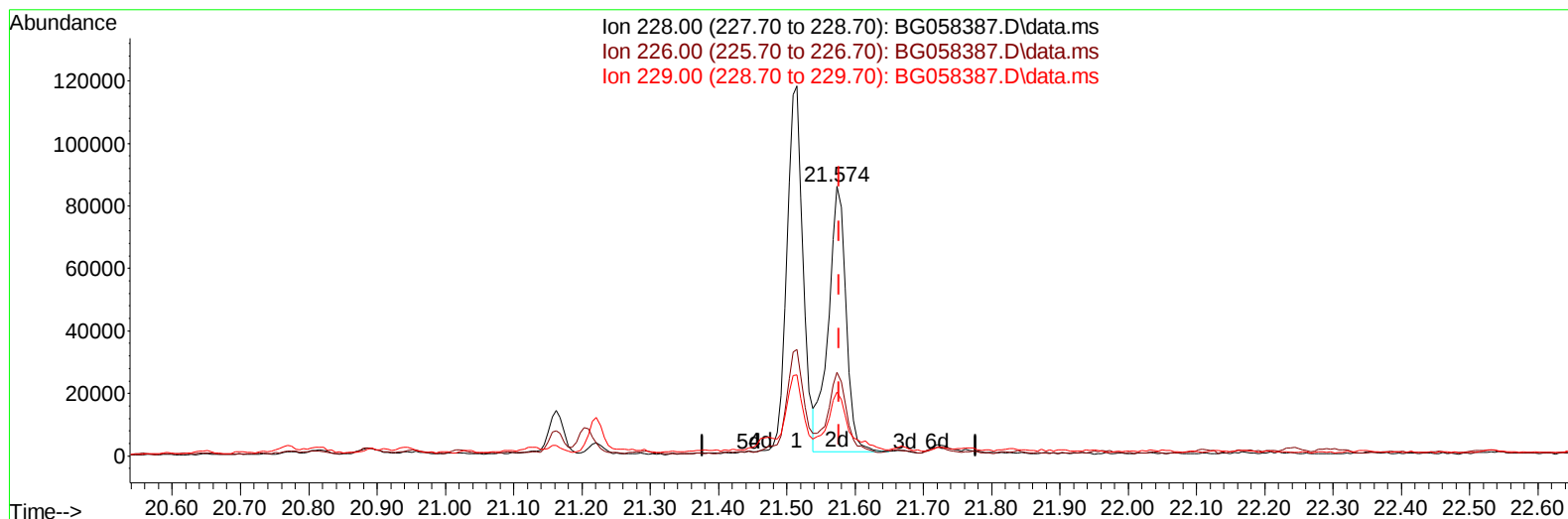
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:15:43 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
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Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058387.D\data.ms

(87) Chrysene

21.574min (-0.003) 10.97 ng/ul m

response 154082

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	31.08
229.00	19.80	23.77#
0.00	0.00	0.00

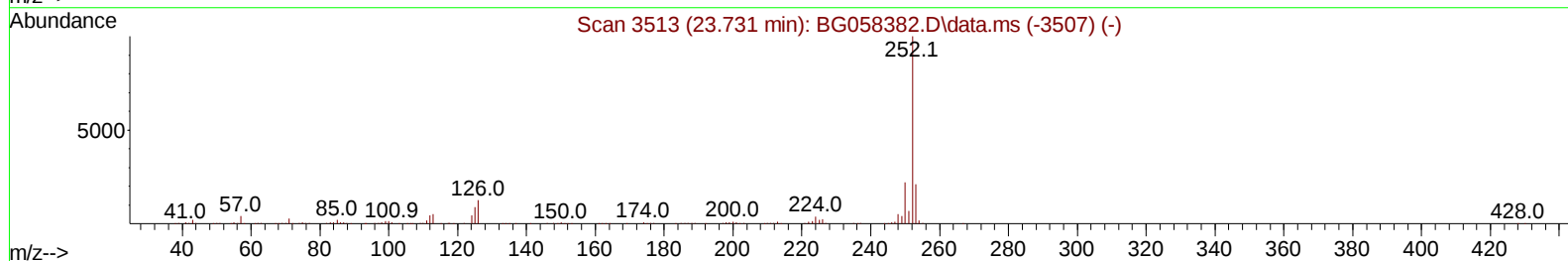
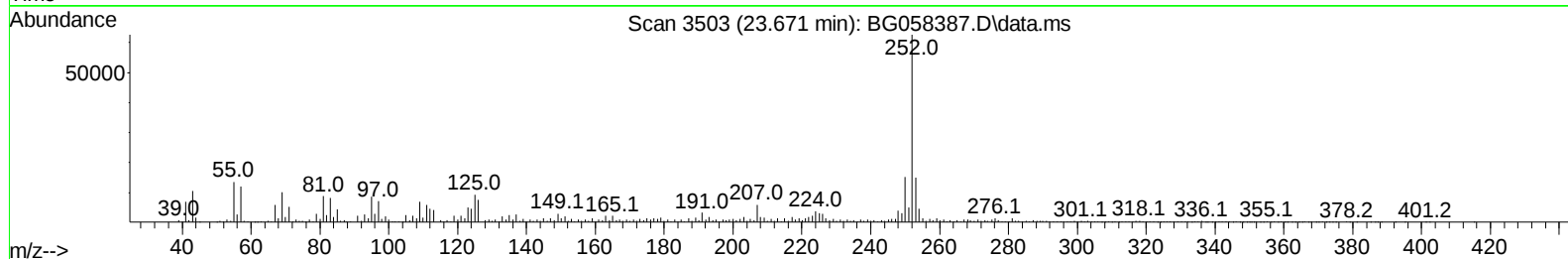
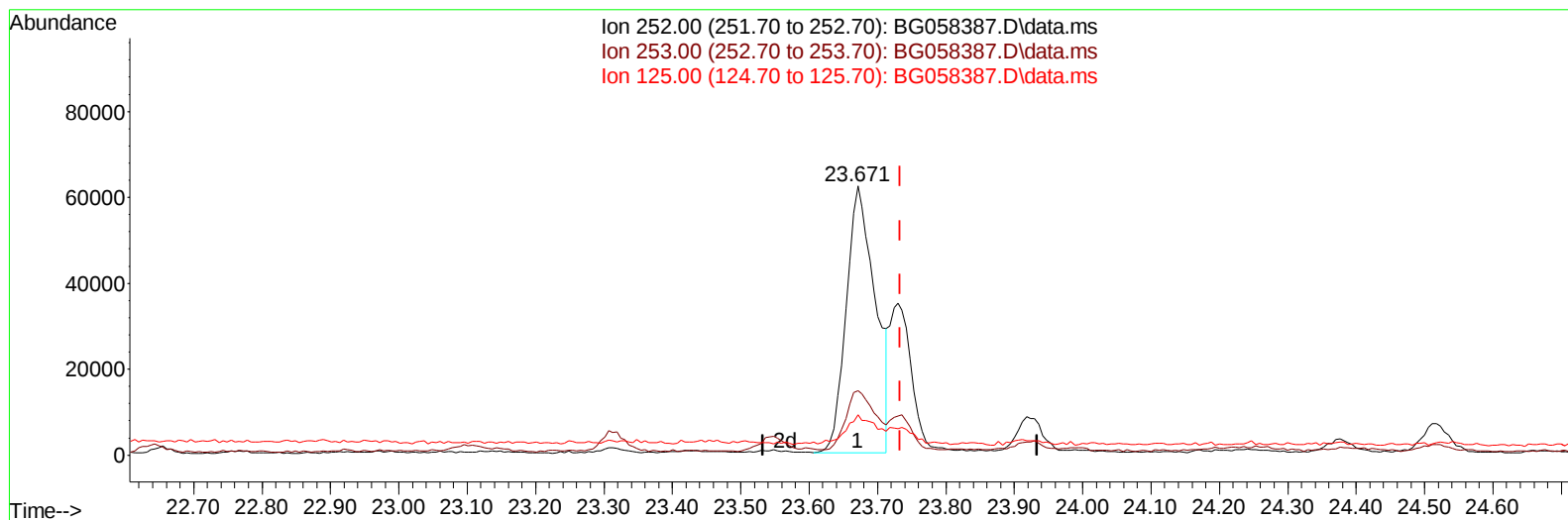
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058387.D
 Acq On : 21 Jul 2023 14:34
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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TIC: BG058387.D\data.ms

(91) Benzo(k)fluoranthene

23.671min (-0.062) 11.56 ng/u1

response 182694

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	23.84
125.00	9.20	14.94#
0.00	0.00	0.00

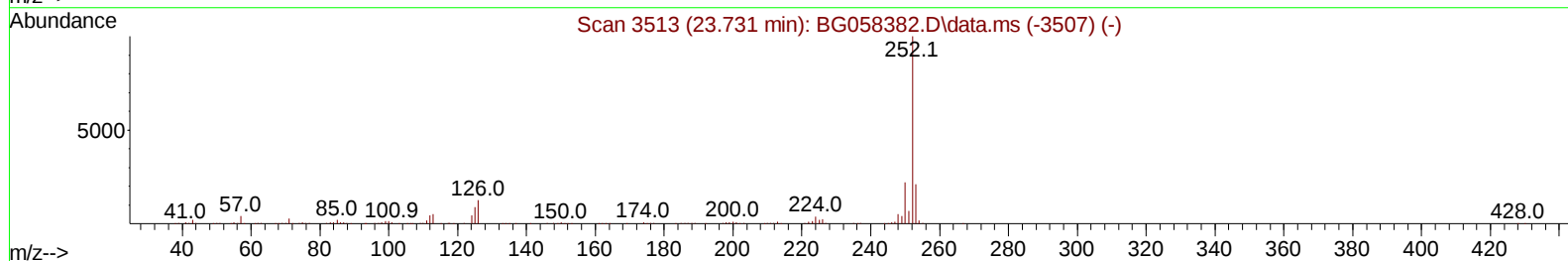
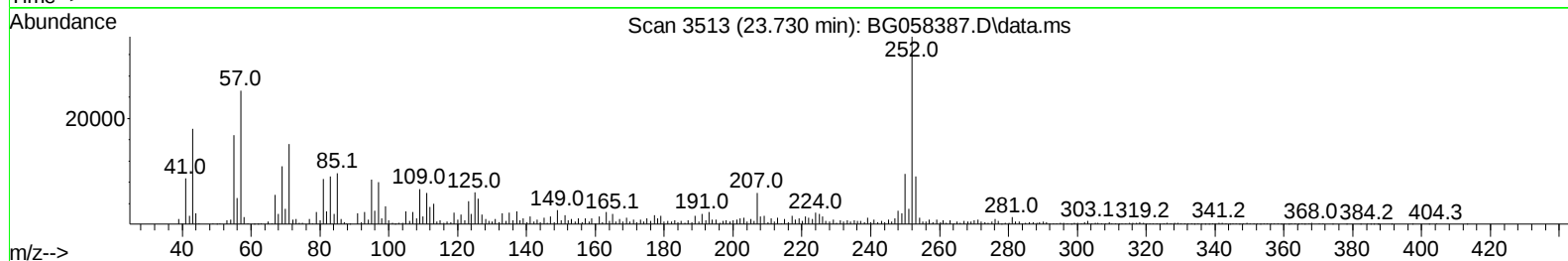
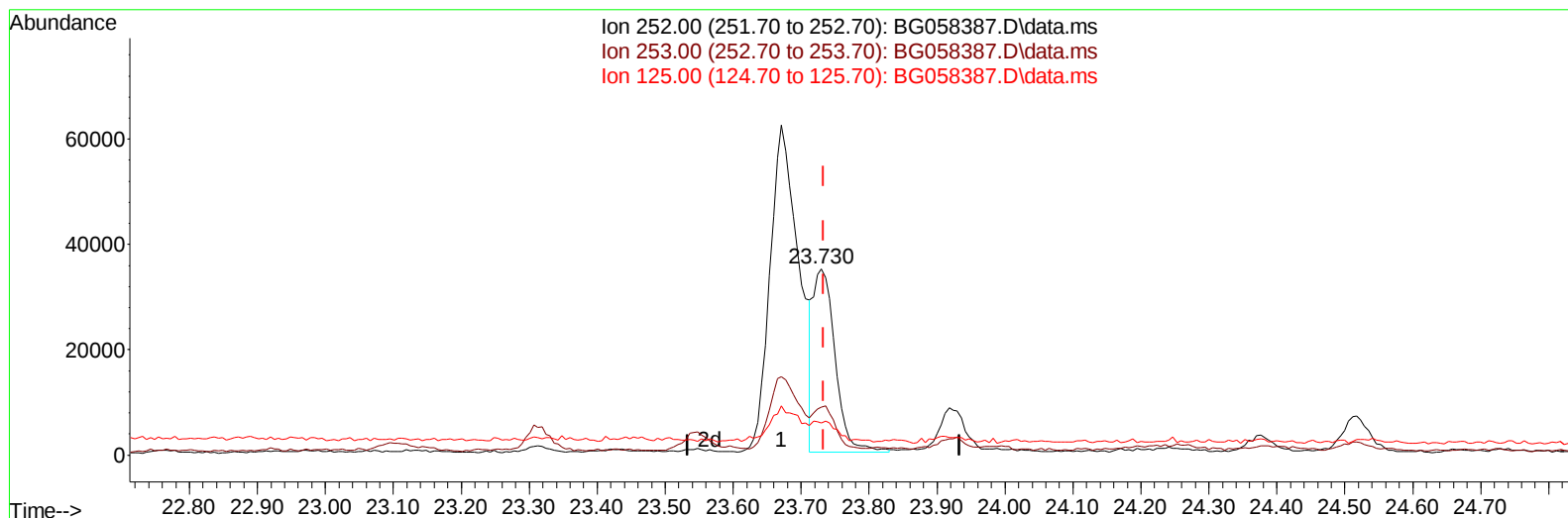
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058387.D
 Acq On : 21 Jul 2023 14:34
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TIC: BG058387.D\data.ms

(91) Benzo(k)fluoranthene

23.730min (-0.003) 4.92 ng/u1 m

response 77773

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	25.82
125.00	9.20	17.17#
0.00	0.00	0.00

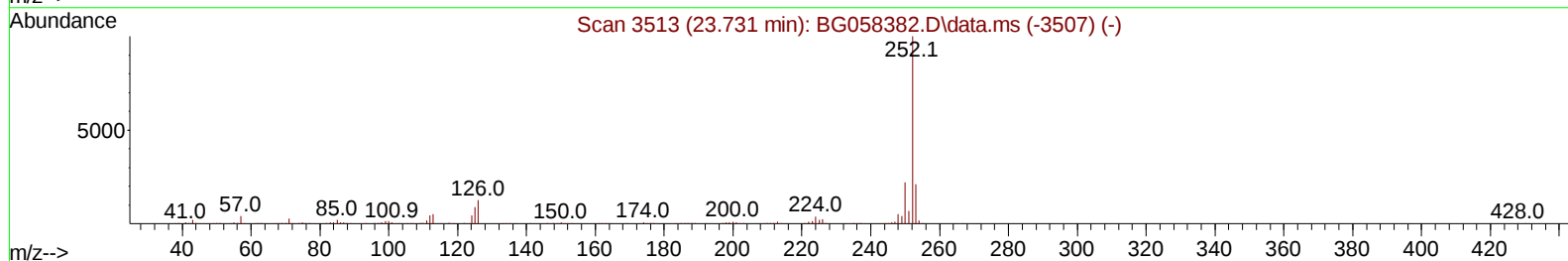
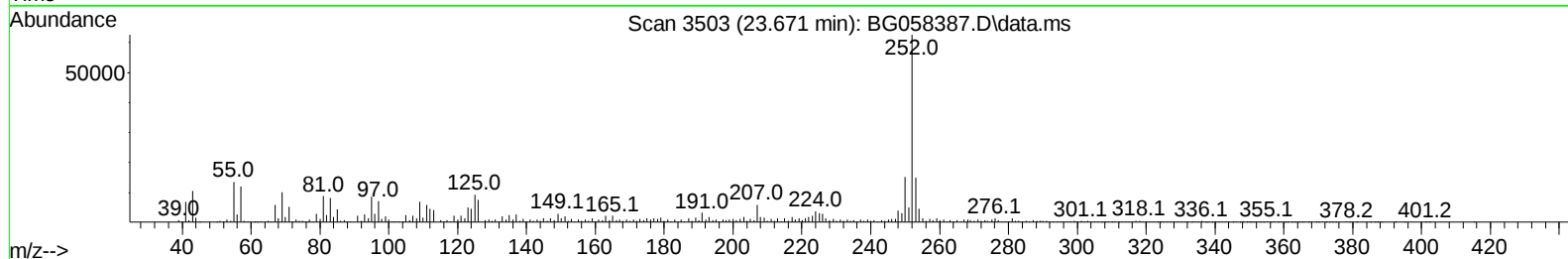
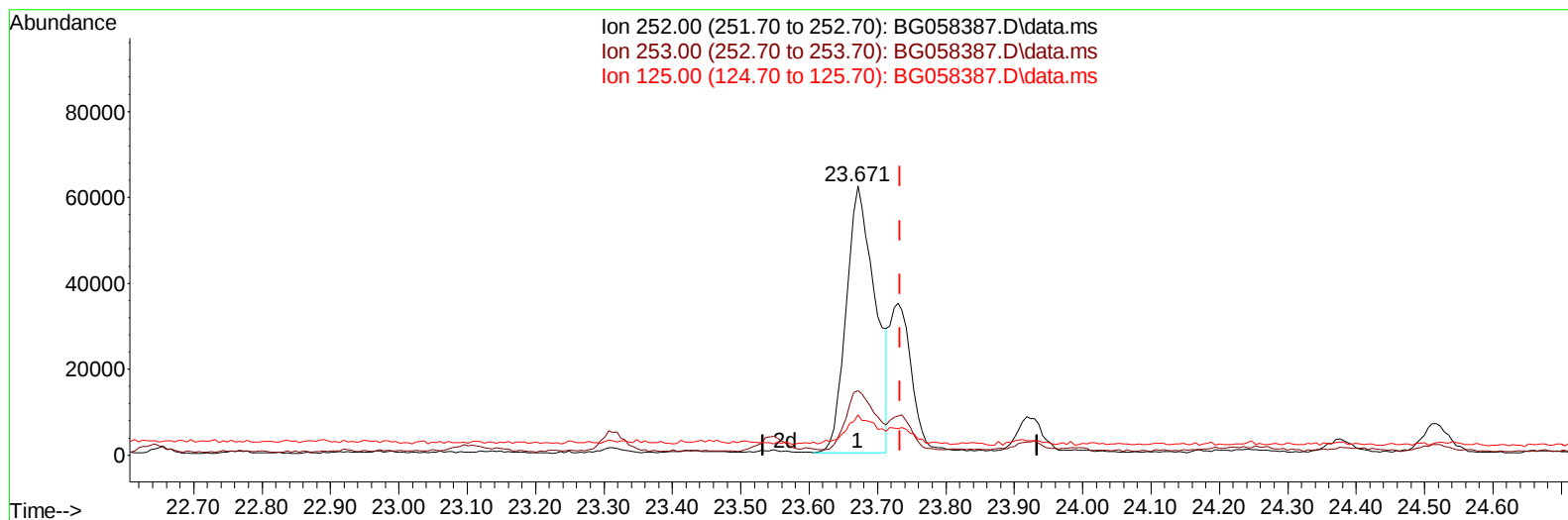
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
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 Acq On : 21 Jul 2023 14:34
 Operator : CG/JU
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG058387.D\data.ms

(91) Benzo(k)fluoranthene

23.671min (-0.062) 11.56 ng/u1

response 182694

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	23.84
125.00	9.20	14.94#
0.00	0.00	0.00

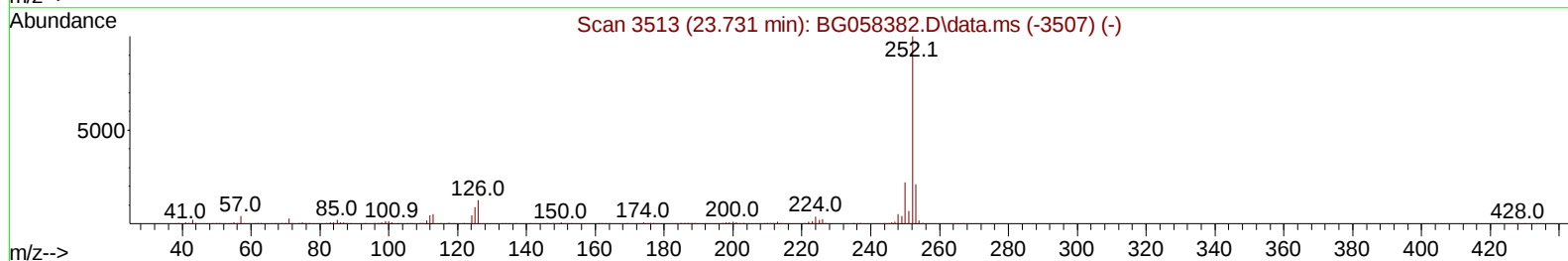
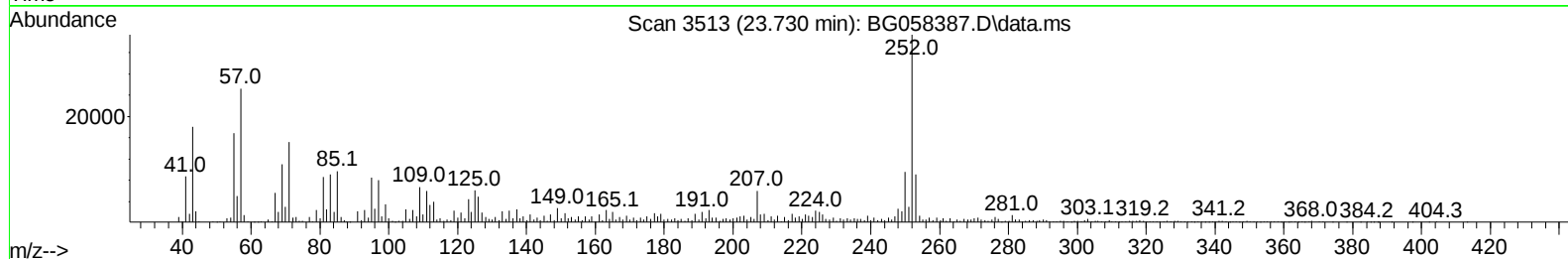
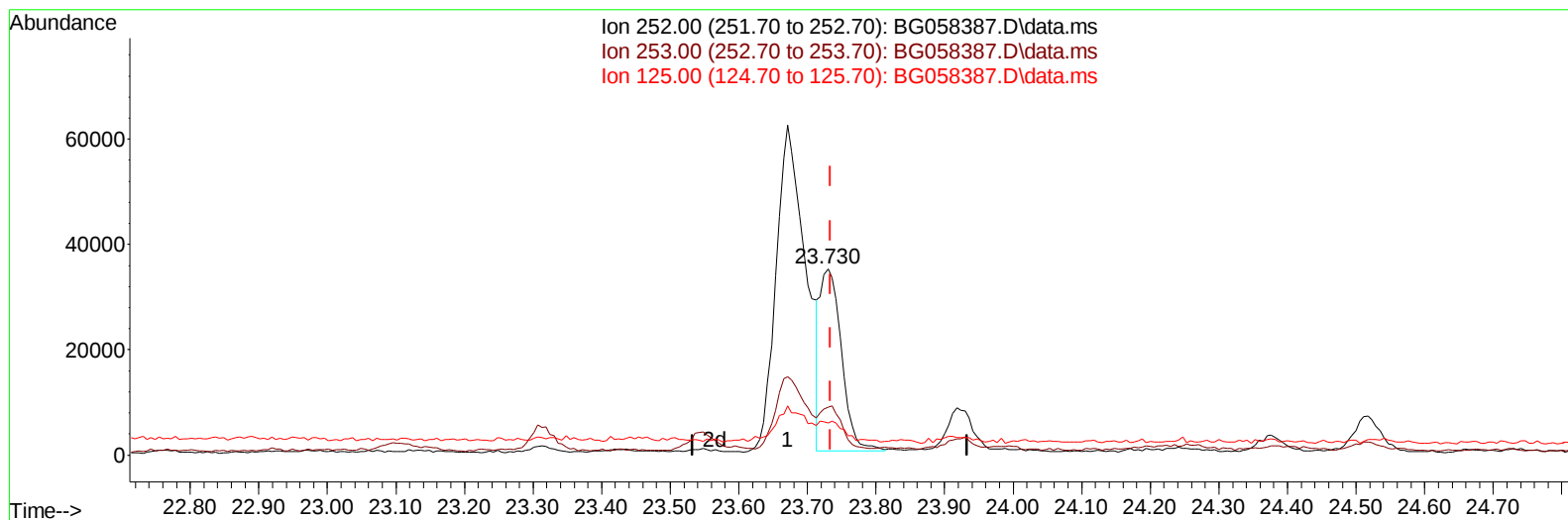
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
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Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:13:44 2023
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TIC: BG058387.D\data.ms

(91) Benzo(k)fluoranthene

23.730min (-0.003) 4.80 ng/u1 m

response 75773

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	25.82
125.00	9.20	17.17#
0.00	0.00	0.00

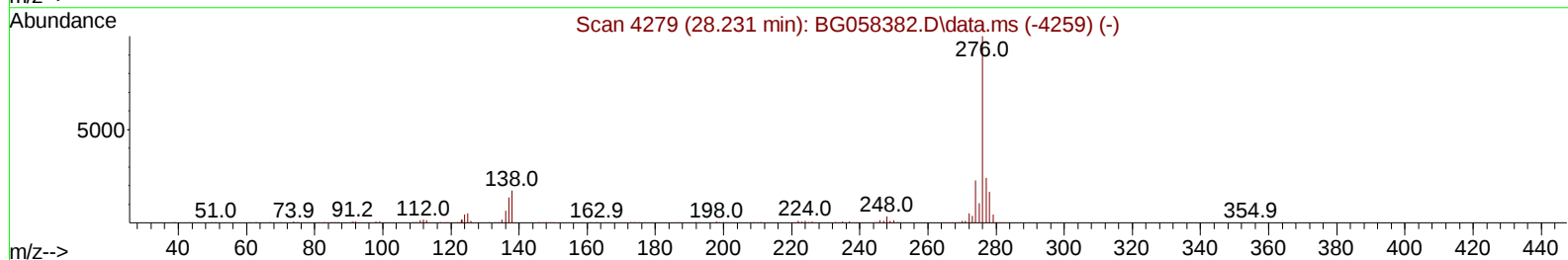
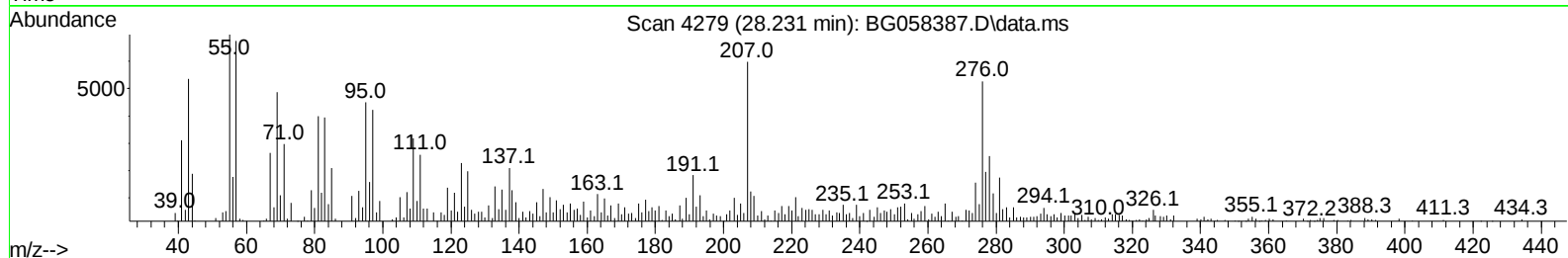
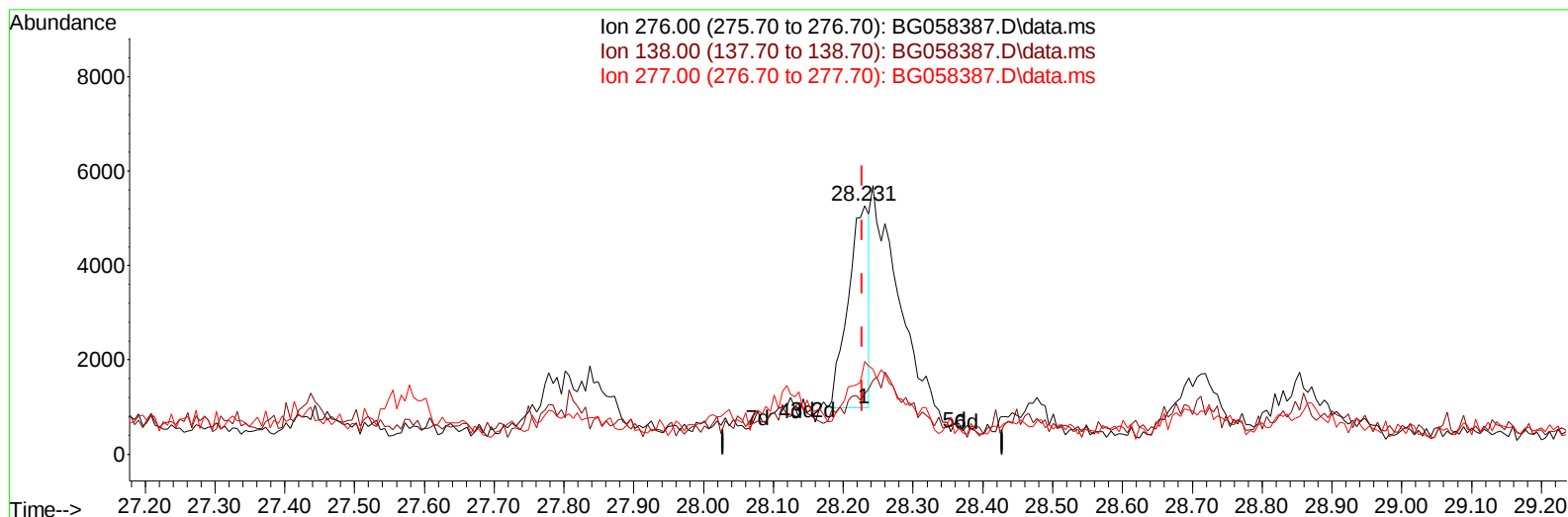
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
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TIC: BG058387.D\data.ms

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

28.231min (+ 0.003) 0.49 ng/u1

response 9057

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.20	24.24#
277.00	24.00	37.27#
0.00	0.00	0.00

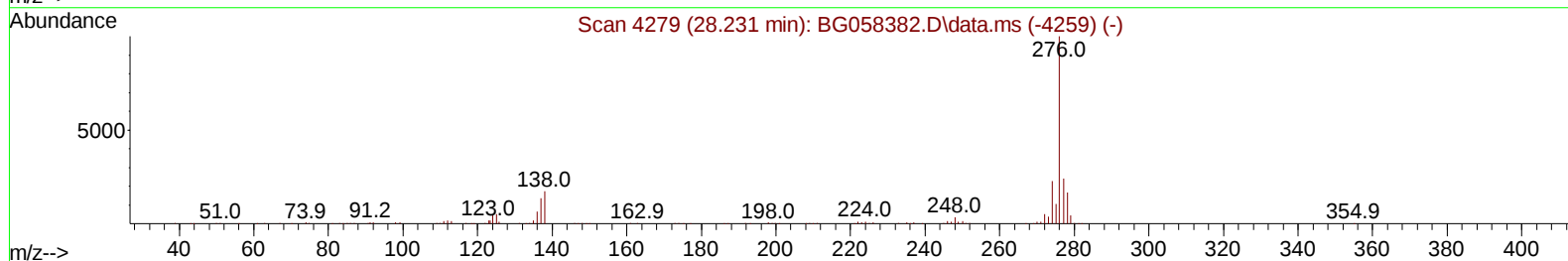
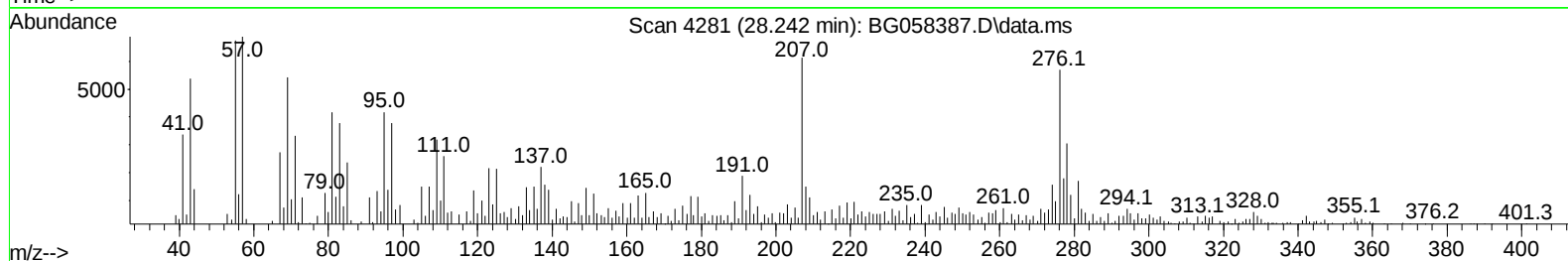
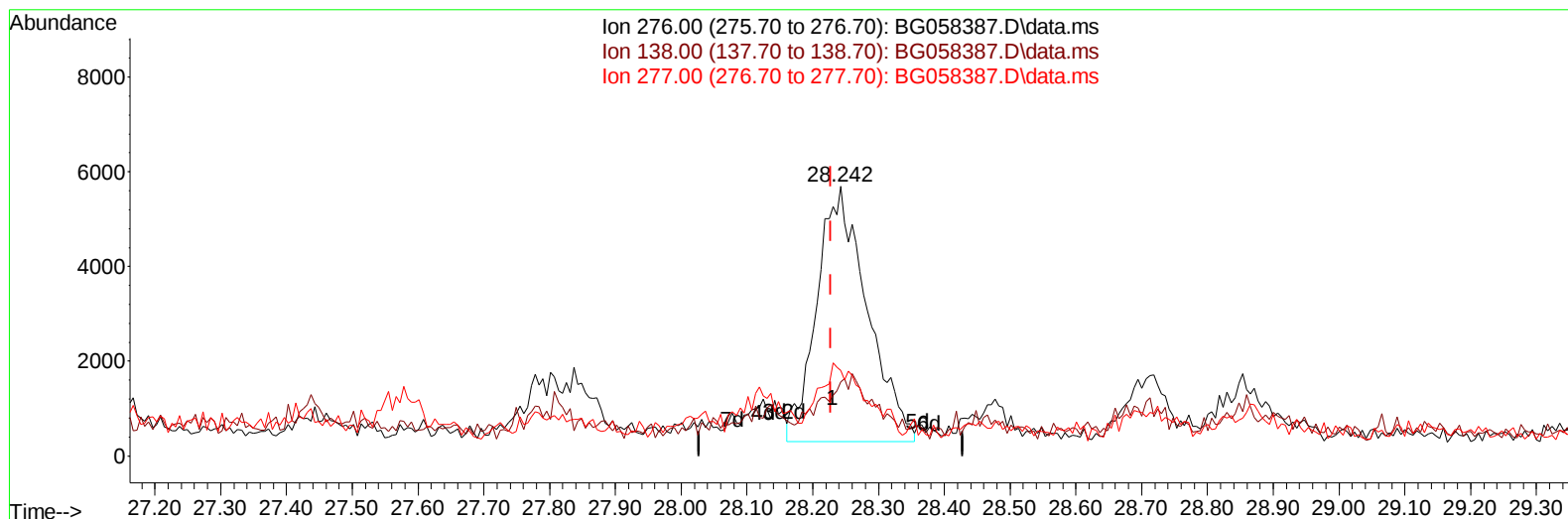
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058387.D
 Acq On : 21 Jul 2023 14:34
 Operator : CG/JU
 Sample : 03504-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S2

Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:14:39 2023
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 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058387.D\data.ms

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

28.242min (+ 0.014) 1.54 ng/ul m

response 28533

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.20	27.43#
277.00	24.00	31.70#
0.00	0.00	0.00

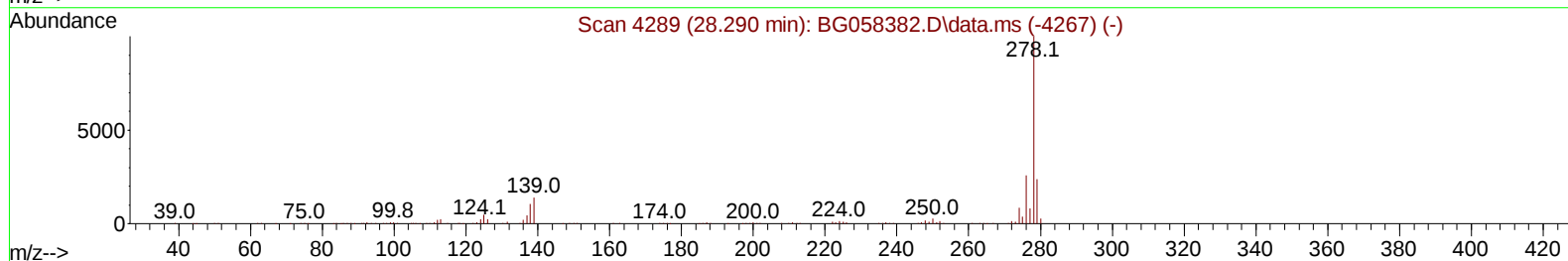
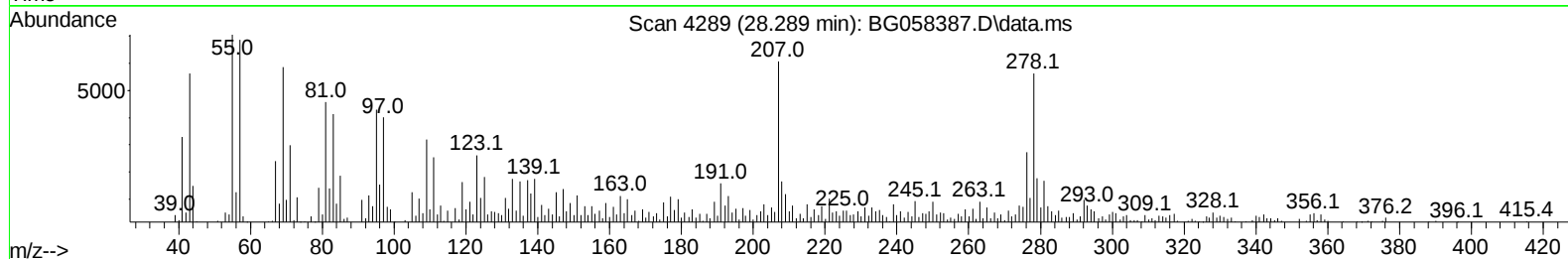
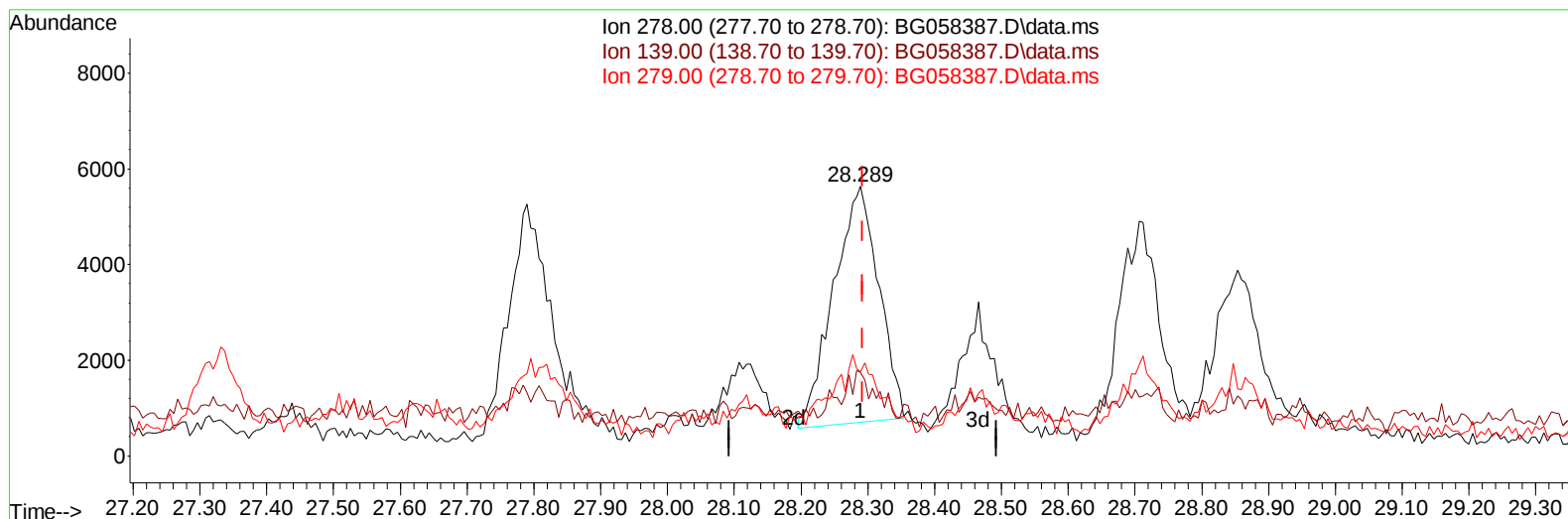
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 Sample : 03504-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S2

Manual IntegrationsAPPROVED

Quant Time: Jul 21 23:15:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
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TIC: BG058387.D\data.ms

(95) Dibenzo(a,h)anthracene

28.289min (-0.003) 1.52 ng/u1

response 23122

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.00	30.99#
279.00	23.00	31.34#
0.00	0.00	0.00

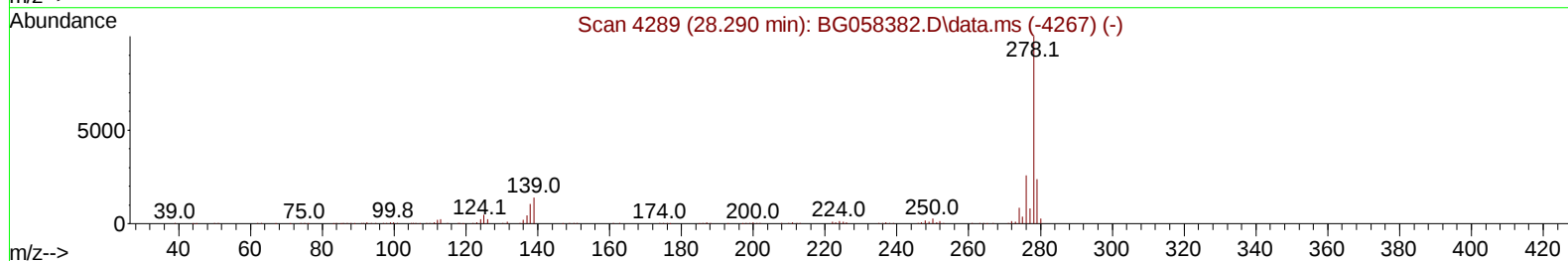
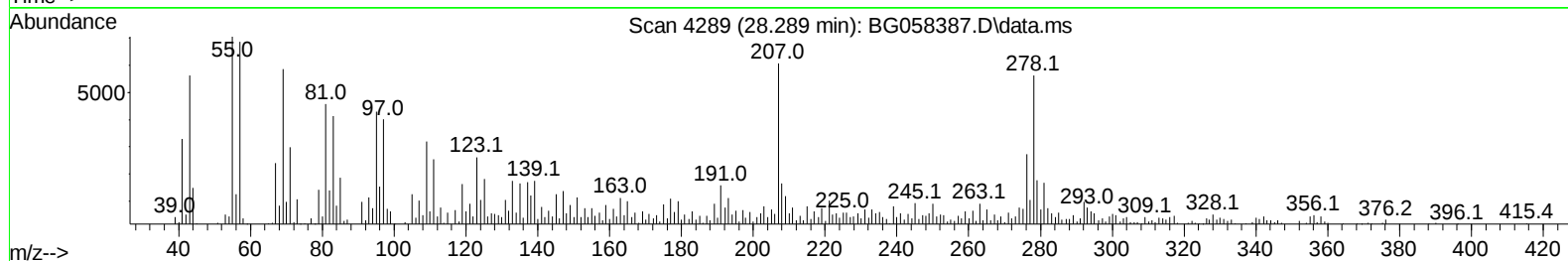
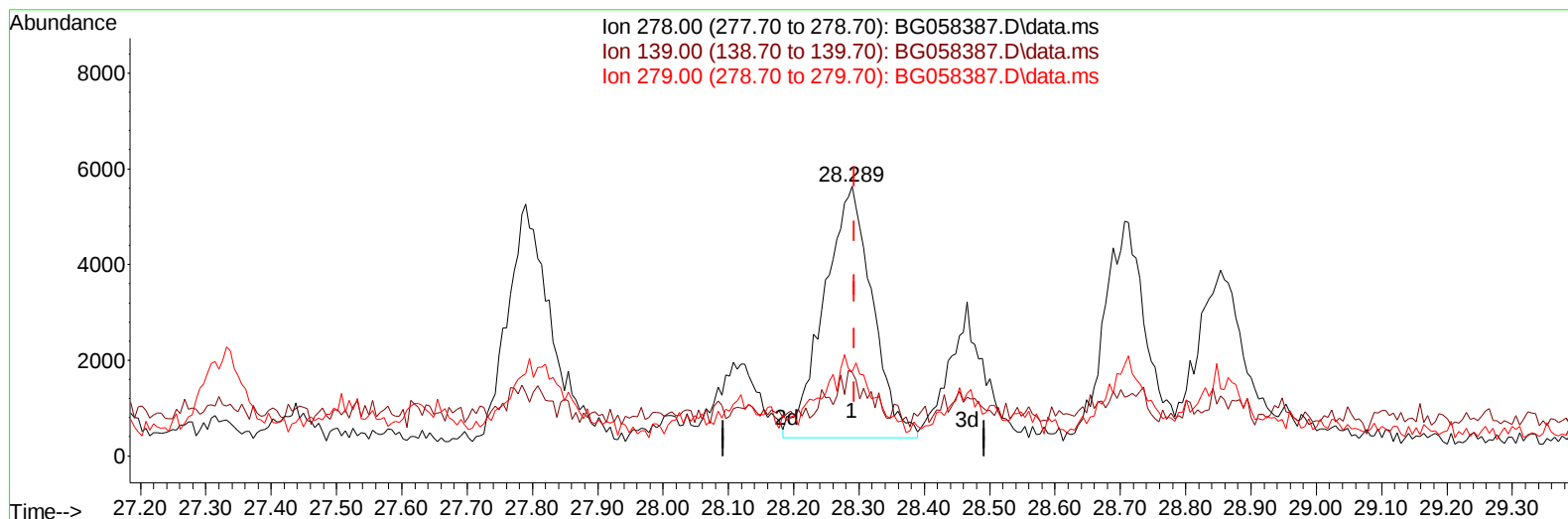
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG058387.D\data.ms

(95) Dibenzo(a,h)anthracene

28.289min (-0.003) 1.78 ng/ul m

response 27053

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.00	30.99#
279.00	23.00	31.34#
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	7.896	152	52927	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	219315	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.535	164	133848	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	274046	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	220395	20.000	ng/ul	0.00
88) Perylene-d12	24.670	264	273822	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	3907	2.717	ng/uL	0.00
4) Pyridine-d5	3.747	84	61803	14.480	ng/ul	0.00
7) Phenol-d5	7.061	99	60479	12.046	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.220	67	54556	17.385	ng/ul	0.00
11) 2-Chlorophenol-d4	7.431	132	61054	17.372	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	30723	8.022	ng/ul	0.00
21) Nitrobenzene-d5	9.059	128	30526	18.569	ng/ul	0.00
24) 2-Nitrophenol-d4	9.776	143	32231	17.959	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	51852	15.072	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	1126	0.226	ng/ul	0.01
46) Dimethylphthalate-d6	13.936	166	179407	17.382	ng/ul	0.00
49) Acenaphthylene-d8	14.223	160	171027	15.812	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	16558	10.623	ng/ul	0.00
60) Fluorene-d10	15.522	176	159825	18.703	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	7700	5.515	ng/ul	0.00
73) Anthracene-d10	17.379	188	203201	17.161	ng/ul	0.00
81) Pyrene-d10	19.664	212	73534	5.649	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.447	264	34723	2.624	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.038	77	4167	2.055	ng/ul	93
8) Phenol	7.091	94	8072	1.548	ng/ul	90
16) Acetophenone	8.718	105	68707	10.535	ng/ul	96
52) Acenaphthene	14.594	153	11363	1.402	ng/ul	96
61) Fluorene	15.581	166	17289	1.826	ng/ul#	87
72) Phenanthrene	17.320	178	235788	18.105	ng/ul	98
74) Anthracene	17.408	178	48199	3.687	ng/ul	99
80) Fluoranthene	19.335	202	437386	29.330	ng/ul	99
82) Pyrene	19.699	202	118961	7.873	ng/ul	98
83) Butylbenzylphthalate	20.575	149	7000	1.176	ng/ul	89
85) Benzo(a)anthracene	21.515	228	195239	13.180	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.409	149	169398	20.017	ng/ul	99
87) Chrysene	21.574	228	154082m	10.966	ng/ul	
89) Di-n-octyl phthalate	22.596	149	16601	1.139	ng/ul	100
90) Benzo(b)fluoranthene	23.671	252	182694	11.531	ng/ul#	93
91) Benzo(k)fluoranthene	23.730	252	75773m	4.795	ng/ul	
93) Benzo(a)pyrene	24.517	252	18762	1.331	ng/ul#	57
94) Indeno(1,2,3-cd)pyrene	28.242	276	28533m	1.537	ng/ul	
95) Dibenzo(a,h)anthracene	28.289	278	27053m	1.777	ng/ul	

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

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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