

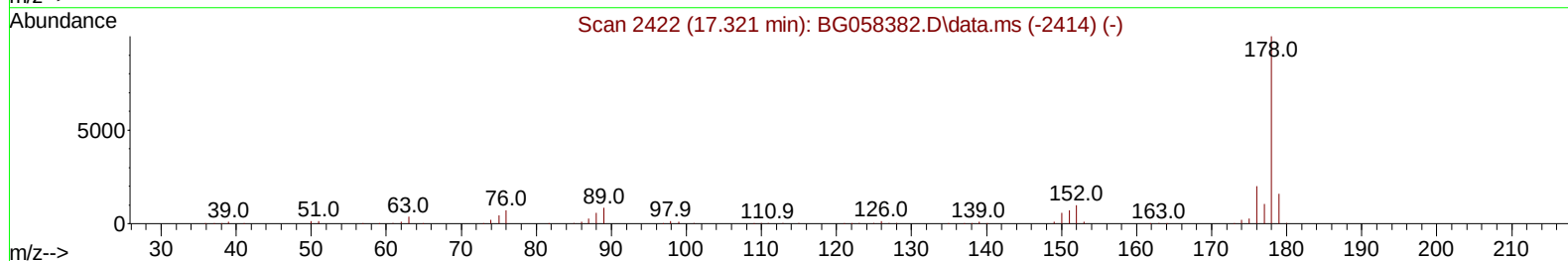
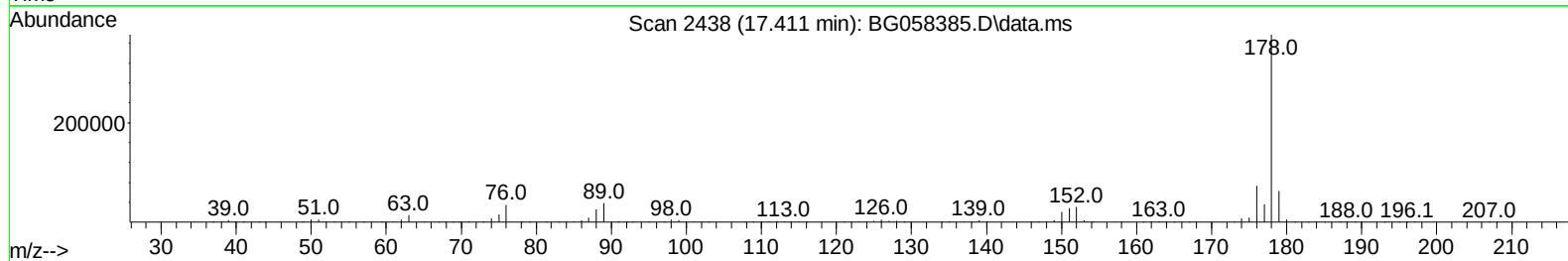
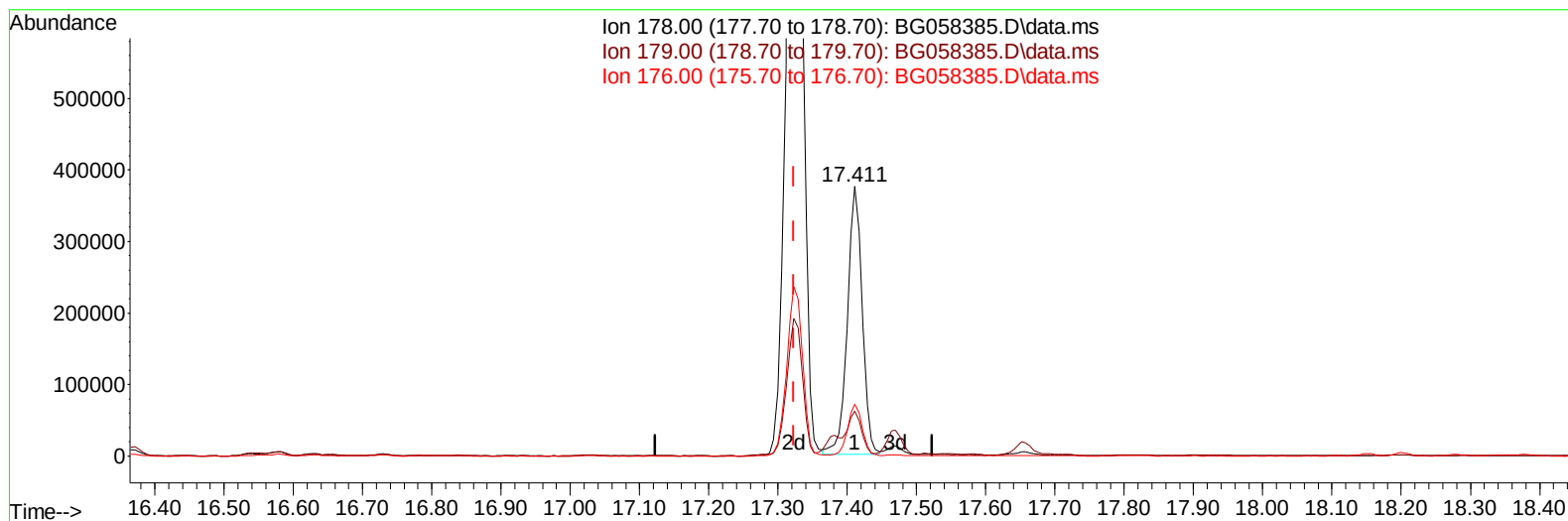
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058385.D
Acq On : 21 Jul 2023 13:11
Operator : CG/JU
Sample : 03504-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:16:24 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: BG058385.D\data.ms

(72) Phenanthrene

17.411min (+ 0.088) 38.77 ng/ul

response 558139

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	16.54
176.00	19.80	19.35
0.00	0.00	0.00

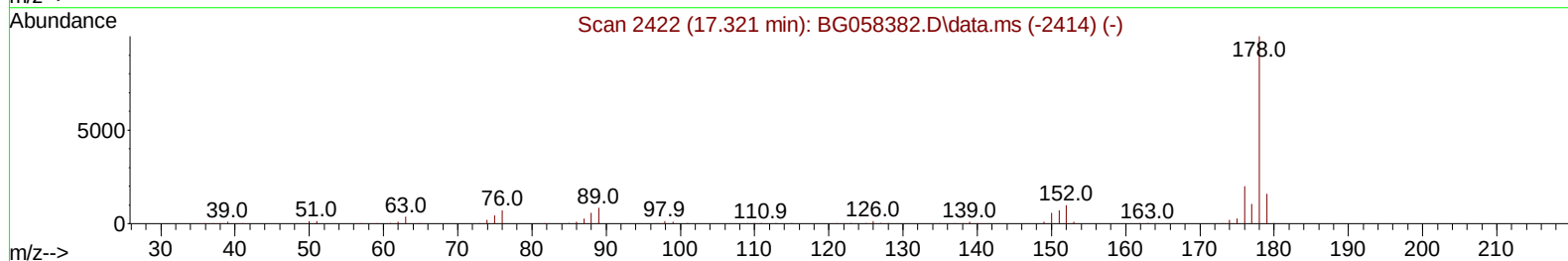
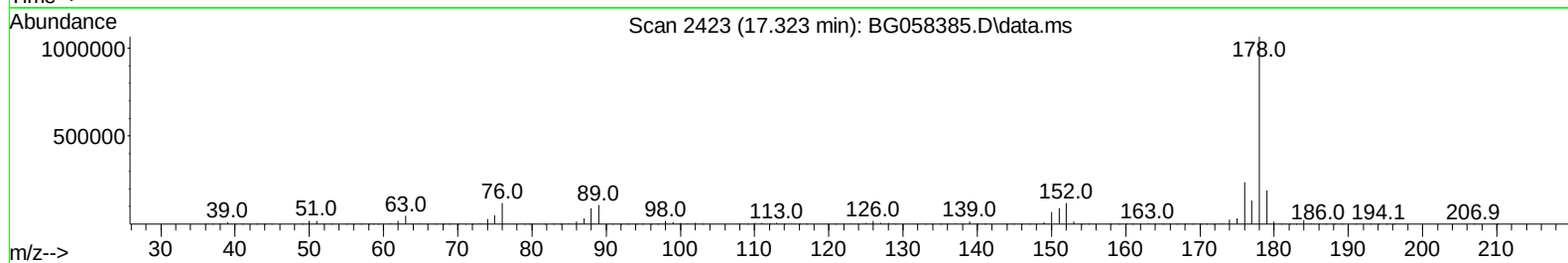
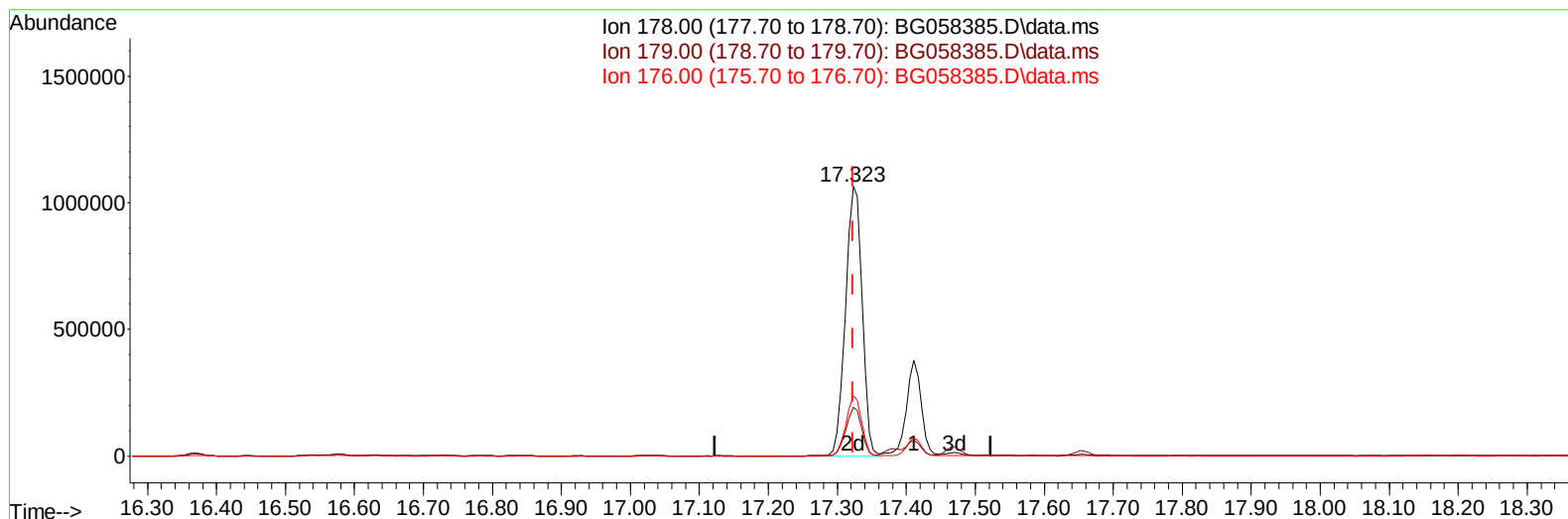
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TIC: BG058385.D\data.ms

(72) Phenanthrene

17.323min (-0.000) 124.00 ng/ul m

response 1785388

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	18.06#
176.00	19.80	22.26
0.00	0.00	0.00

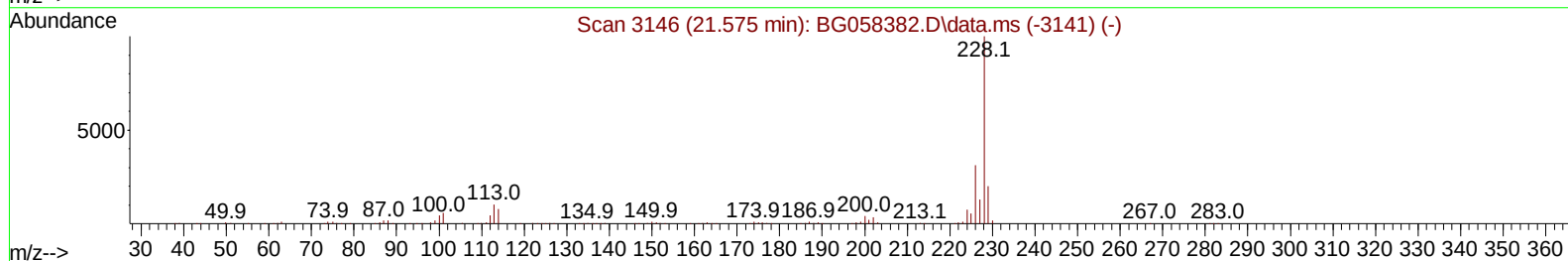
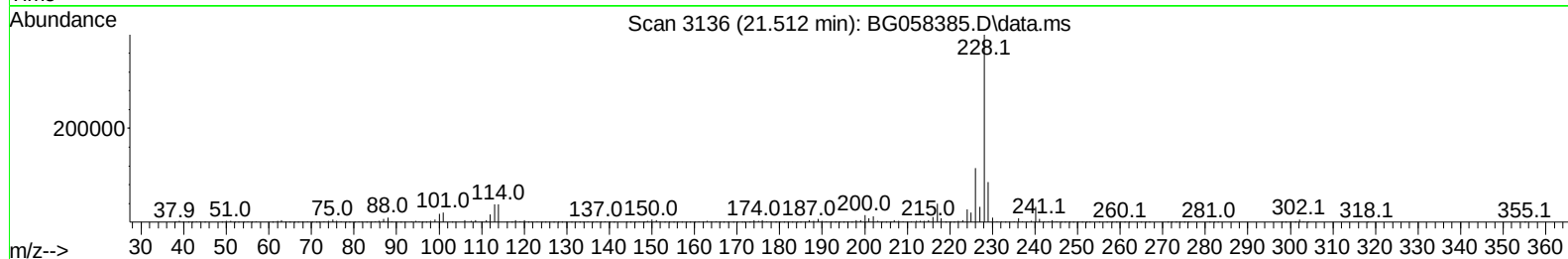
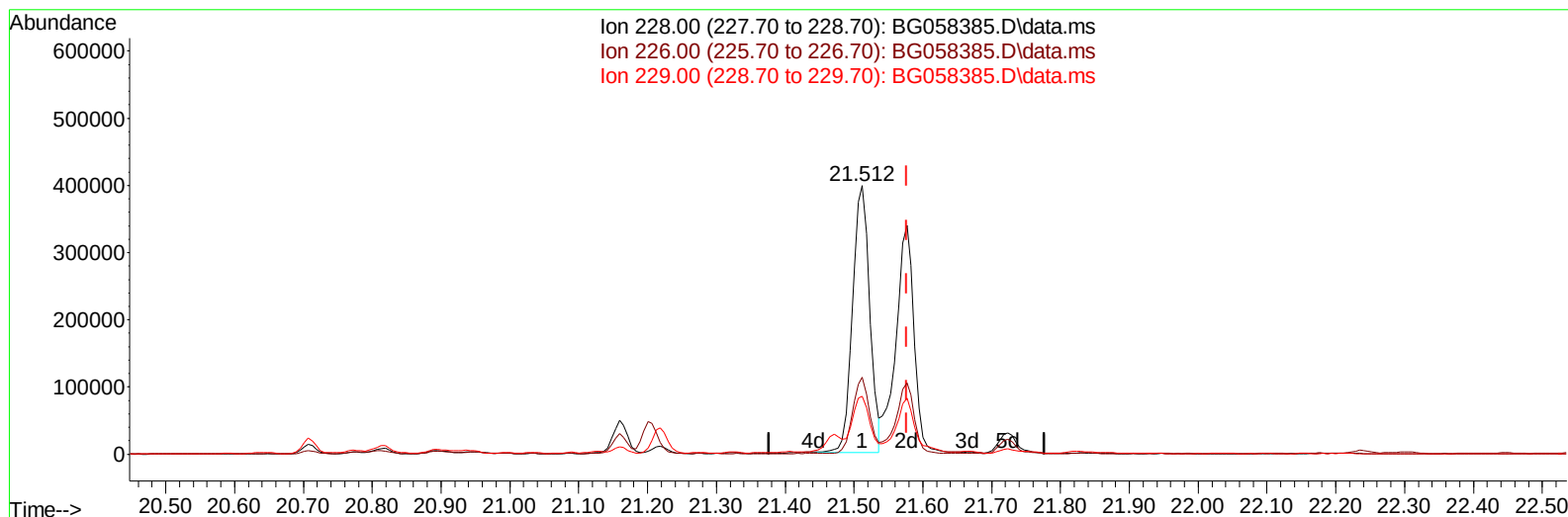
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TIC: BG058385.D\data.ms

(87) Chrysene

21.512min (-0.065) 44.34 ng/u1

response 687810

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	28.74
229.00	19.80	21.48
0.00	0.00	0.00

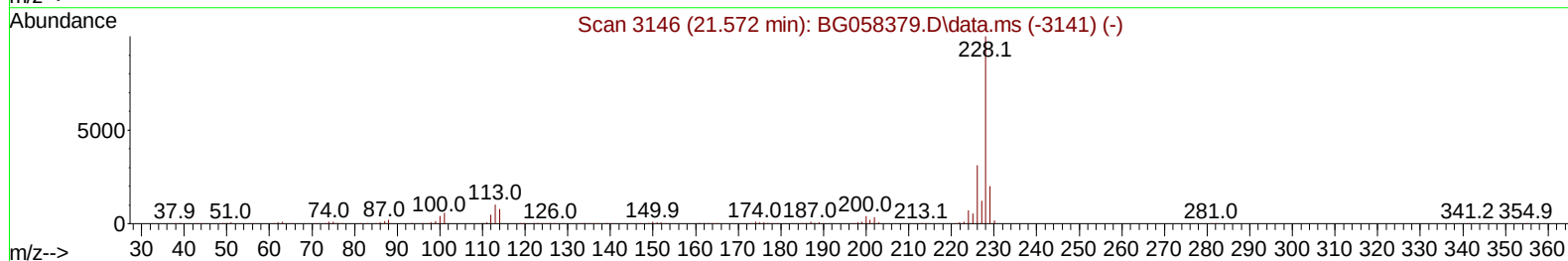
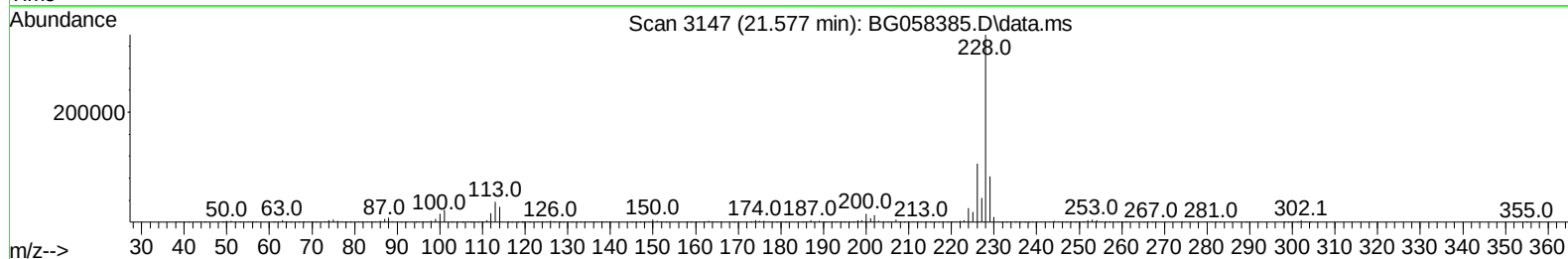
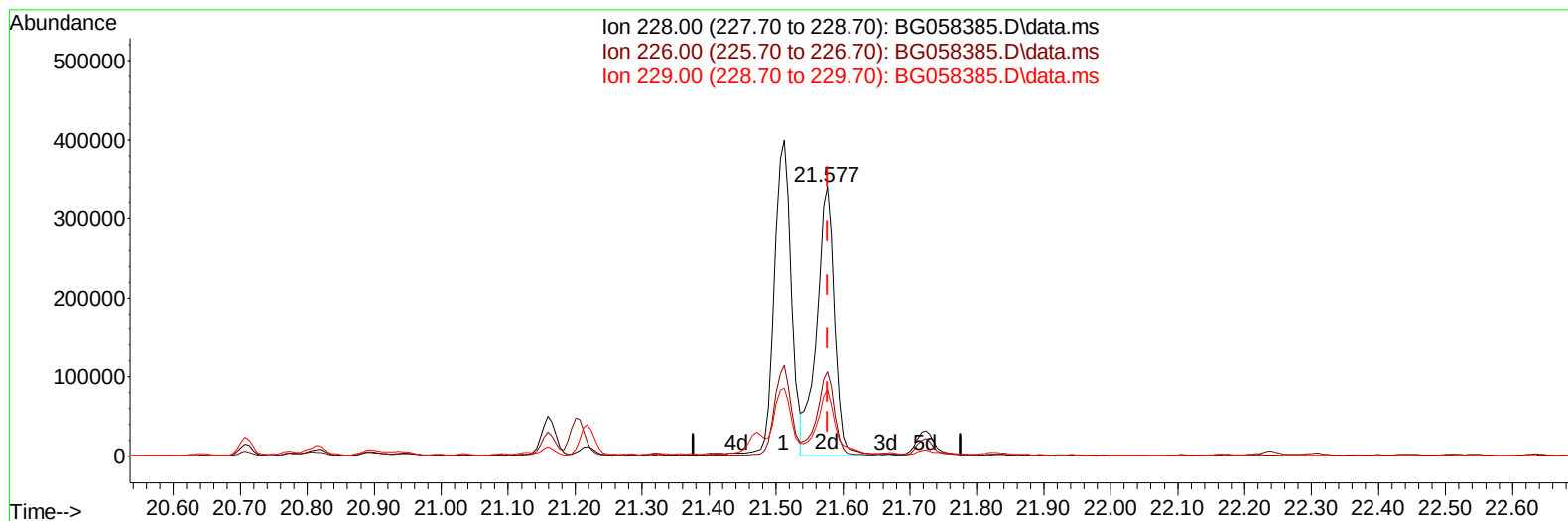
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:34:51 2023
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TIC: BG058385.D\data.ms

(87) Chrysene

21.577min (-0.000) 41.20 ng/ul m

response 639041

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	31.21
229.00	19.80	24.60#
0.00	0.00	0.00

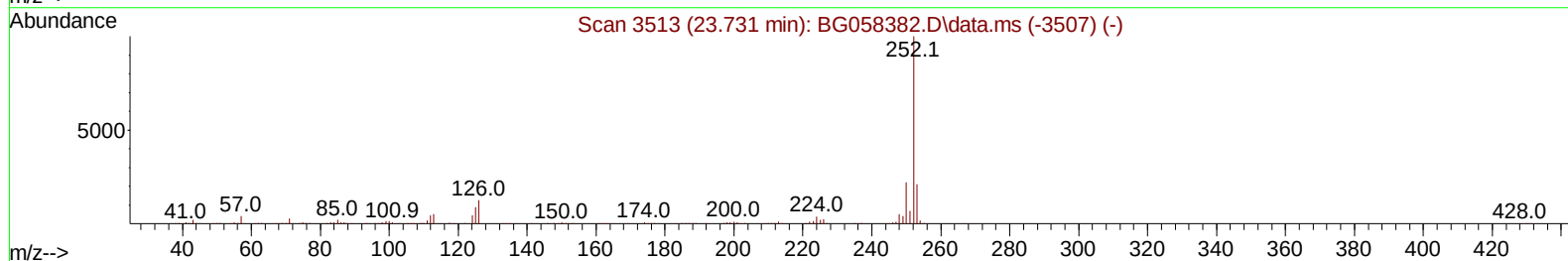
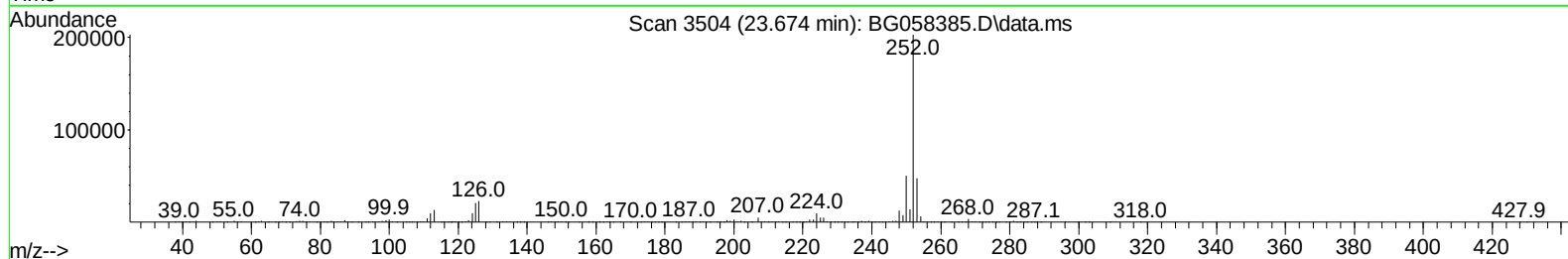
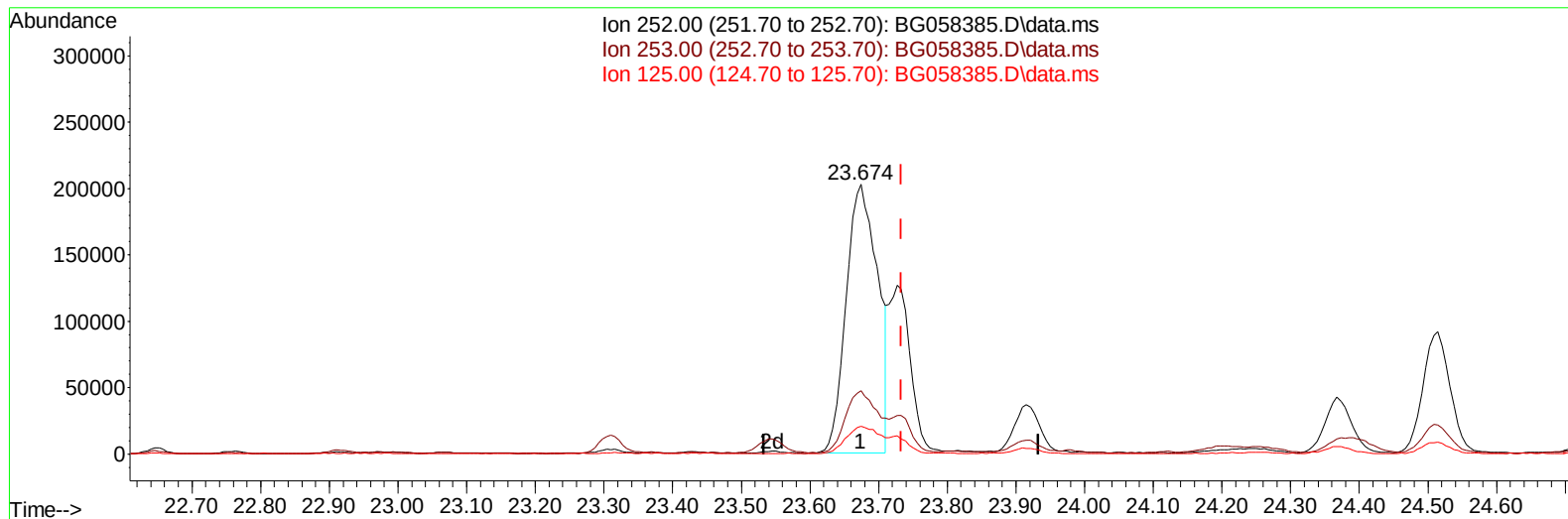
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 Sample : 03504-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:34:07 2023
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 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/22/2023
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TIC: BG058385.D\data.ms

(91) Benzo(k)fluoranthene

23.674min (-0.059) 36.52 ng/u1

response 646742

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	23.38
125.00	9.20	10.29
0.00	0.00	0.00

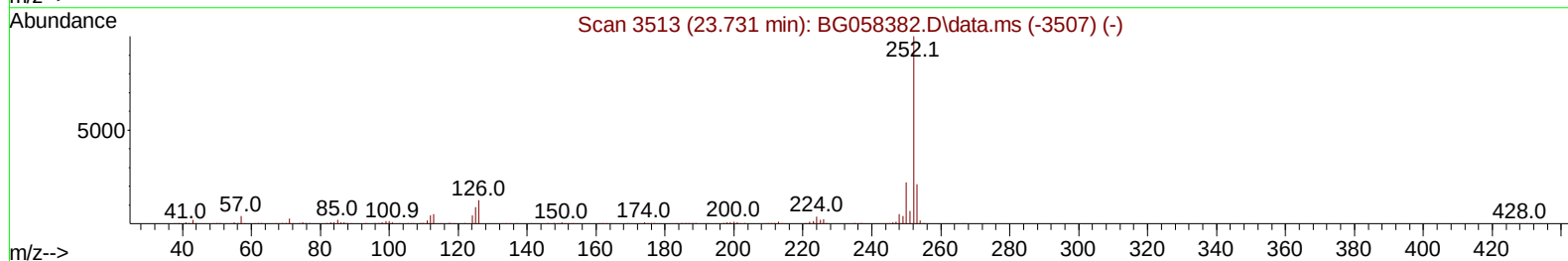
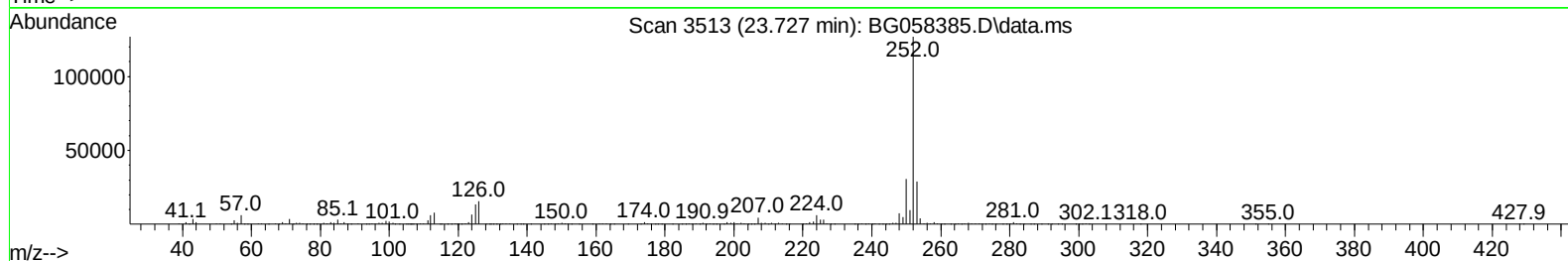
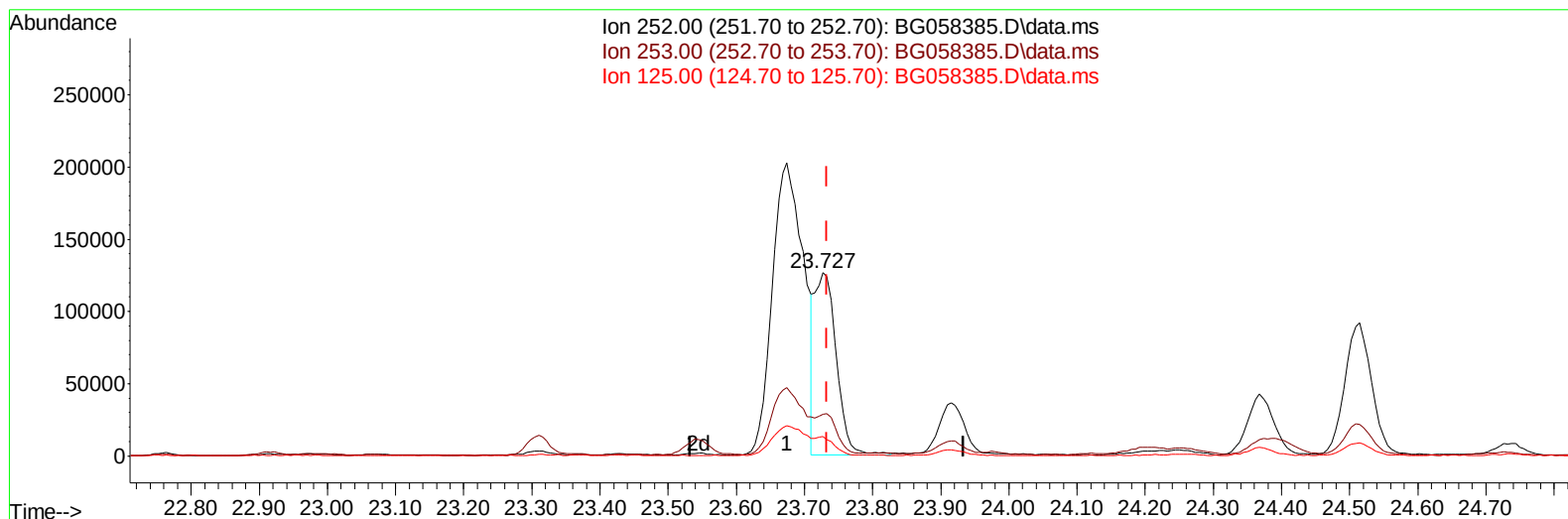
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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TIC: BG058385.D\data.ms

(91) Benzo(k)fluoranthene

23.727min (-0.006) 15.57 ng/ul m

response 275804

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	22.87
125.00	9.20	10.69
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	7.893	152	46574	20.000	ng/ul	0.00
20) Naphthalene-d8	10.695	136	206106	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.532	164	140839	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188	302970	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	243314	20.000	ng/ul	0.00
88) Perylene-d12	24.661	264	306921	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	1289	1.019	ng/uL	0.00
4) Pyridine-d5	3.745	84	31497	8.386	ng/ul	0.00
7) Phenol-d5	7.064	99	24006	5.433	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.217	67	15461	5.599	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132	17697	5.722	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	7209	2.139	ng/ul	0.00
21) Nitrobenzene-d5	9.056	128	8856	5.732	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	9369	5.555	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.325	165	16889	5.224	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	360	0.077	ng/ul	-0.03
46) Dimethylphthalate-d6	13.933	166	57623	5.306	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	63235	5.556	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	3635	2.216	ng/ul	0.02
60) Fluorene-d10	15.519	176	50930	5.664	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.648	200	2677	1.734	ng/ul	0.00
73) Anthracene-d10	17.376	188	71415	5.455	ng/ul	0.00
81) Pyrene-d10	19.667	212	74828	5.207	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.444	264	48407	3.263	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.035	77	2441	1.368	ng/ul	97
8) Phenol	7.094	94	6622	1.443	ng/ul	94
16) Acetophenone	8.715	105	26198	4.565	ng/ul	95
30) Naphthalene	10.748	128	134332	12.194	ng/ul	99
36) 2-Methylnaphthalene	12.352	142	58071	7.868	ng/ul	98
37) 1-Methylnaphthalene	12.576	142	40444	5.346	ng/ul	93
43) 1,1'-Biphenyl	13.363	154	20944	2.199	ng/ul	97
52) Acenaphthene	14.597	153	203809	23.894	ng/ul	99
56) Dibenzofuran	14.932	168	223833	18.429	ng/ul	99
61) Fluorene	15.578	166	254224	25.524	ng/ul	97
72) Phenanthrene	17.323	178	1785388m	124.003	ng/ul	
74) Anthracene	17.411	178	559578	38.714	ng/ul	99
77) Carbazole	17.681	167	175607	14.015	ng/ul	97
80) Fluoranthene	19.338	202	1543989	93.783	ng/ul	98
82) Pyrene	19.697	202	1032562	61.899	ng/ul	98
85) Benzo(a)anthracene	21.512	228	689614	42.167	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.412	149	21618	2.314	ng/ul	100
87) Chrysene	21.577	228	639041m	41.195	ng/ul	
90) Benzo(b)fluoranthene	23.674	252	646742	36.419	ng/ul#	97
91) Benzo(k)fluoranthene	23.727	252	275804m	15.572	ng/ul	
93) Benzo(a)pyrene	24.514	252	248116	15.709	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.228	276	204137	9.809	ng/ul	98
95) Dibenzo(a,h)anthracene	28.263	278	82029	4.807	ng/ul#	93

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

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

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