

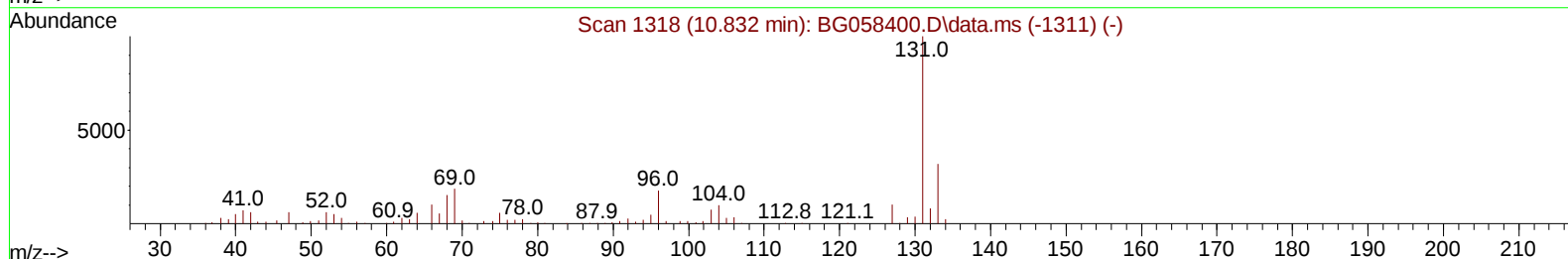
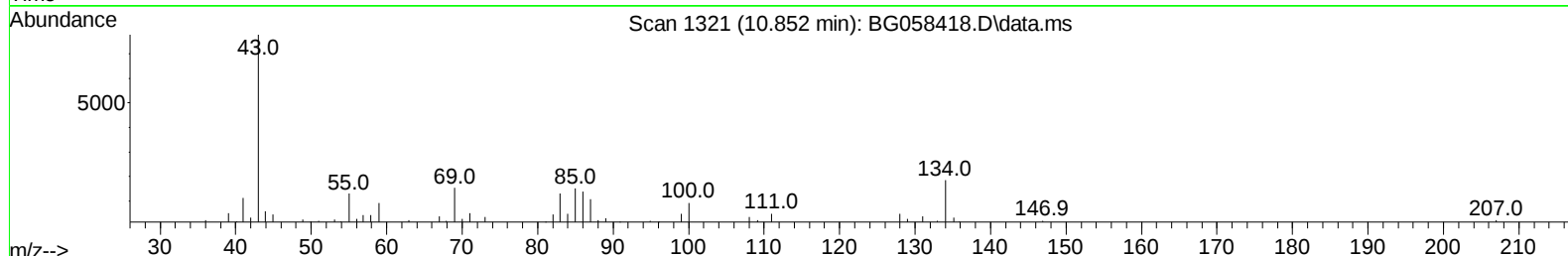
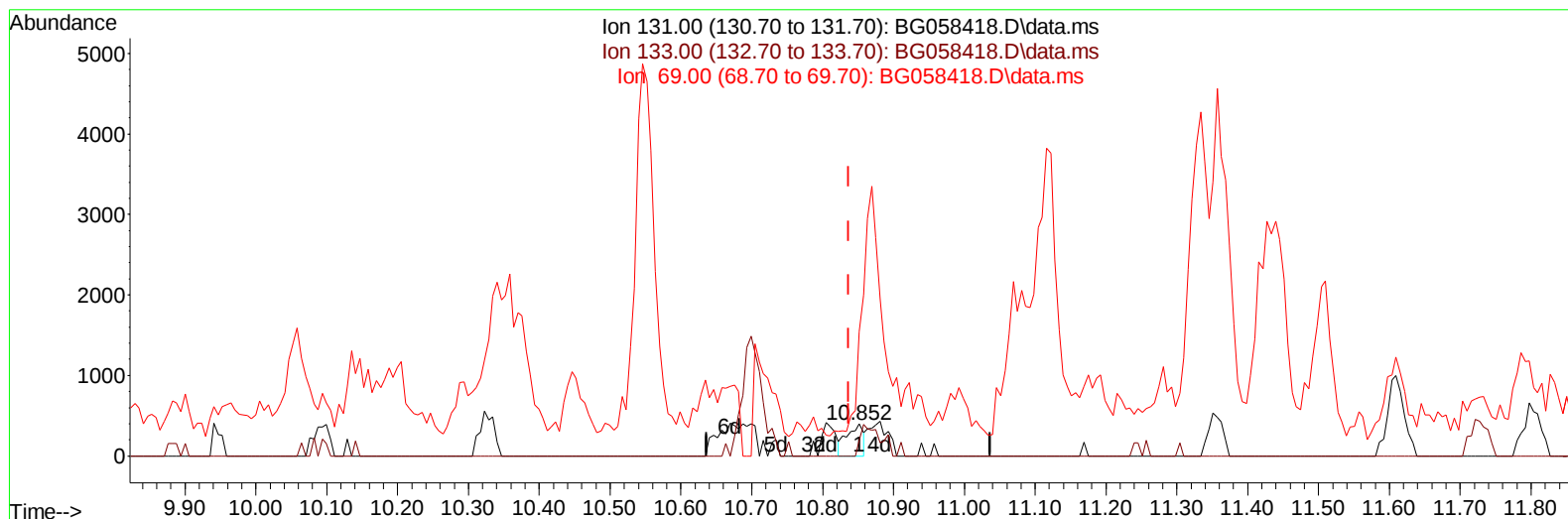
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058418.D
Acq On : 23 Jul 2023 3:11
Operator : CG/JU
Sample : 03504-11RE
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9RE

Manual IntegrationsAPPROVED

Quant Time: Jul 23 03:50:47 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 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



TIC: BG058418.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.852min (+ 0.015) 0.08 ng/u1

response 630

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.90	49.49#
69.00	18.60	390.40#
0.00	0.00	0.00

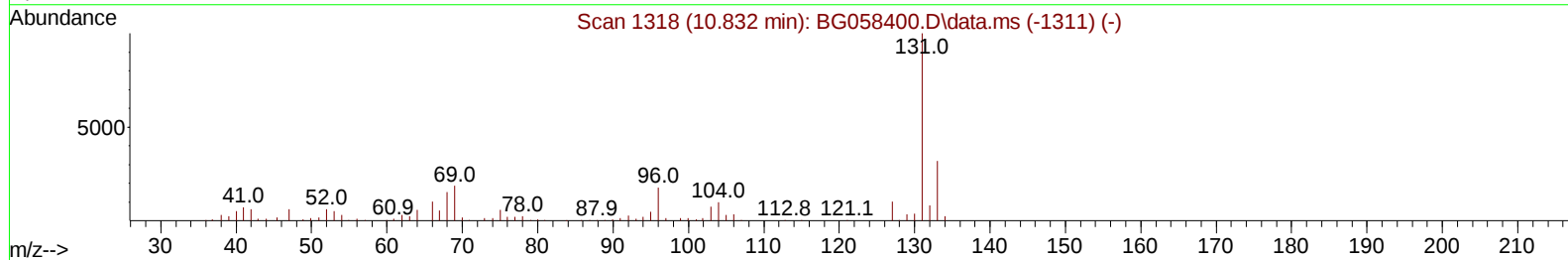
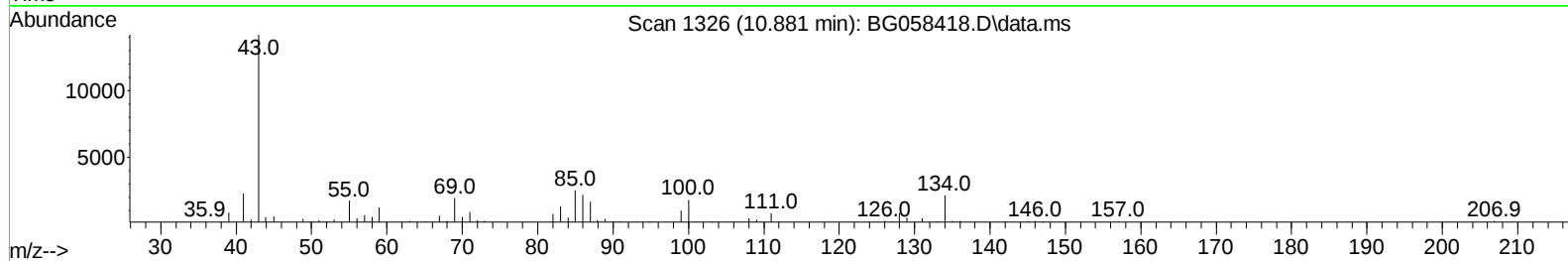
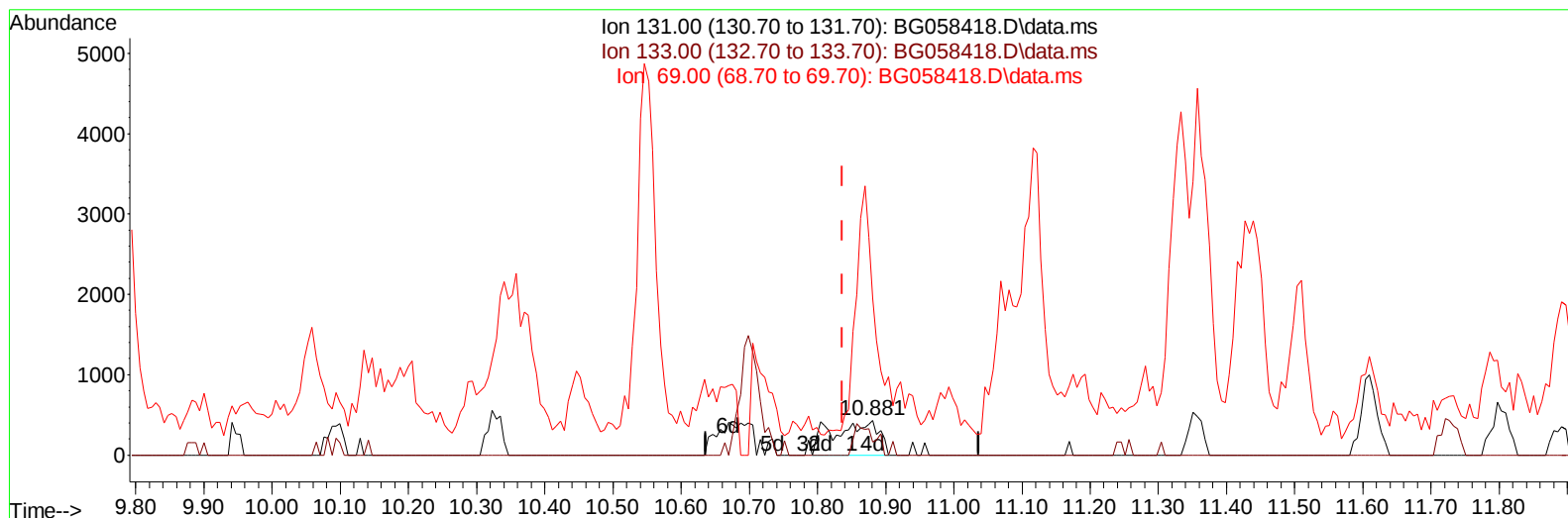
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058418.D
 Acq On : 23 Jul 2023 3:11
 Operator : CG/JU
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 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/24/2023



TIC: BG058418.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.881min (+ 0.044) 0.25 ng/ul m

response 1957

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.90	38.28#
69.00	18.60	454.06#
0.00	0.00	0.00

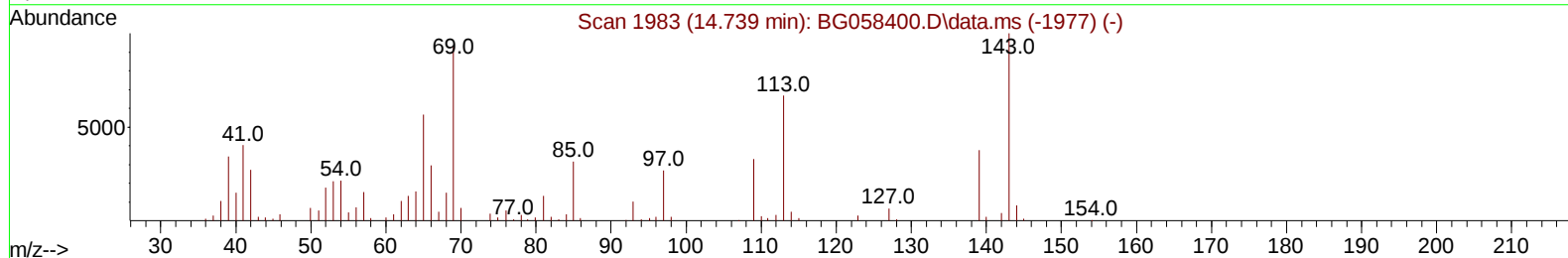
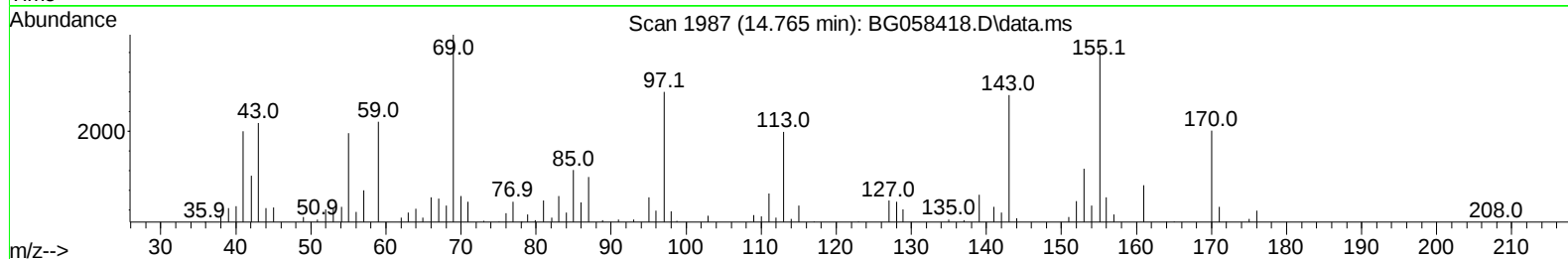
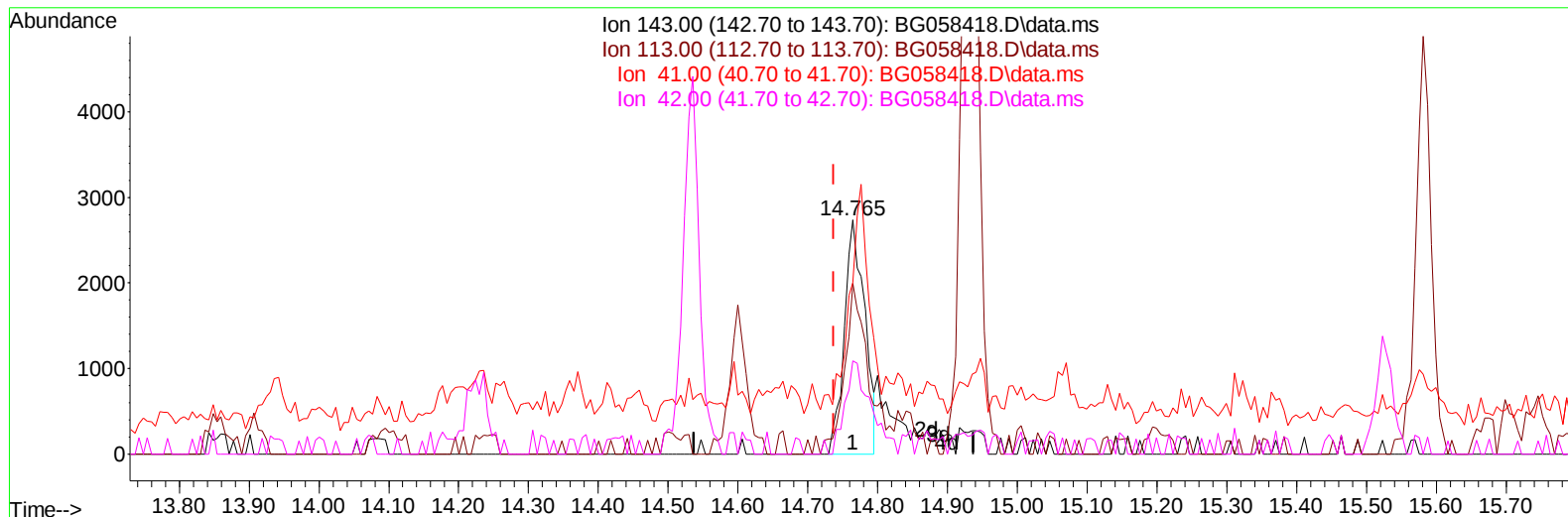
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058418.D
 Acq On : 23 Jul 2023 3:11
 Operator : CG/JU
 Sample : 03504-11RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG058418.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.765min (+ 0.027) 2.17 ng/u1

response 5535

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	67.80	72.78
41.00	46.40	73.07#
42.00	30.60	39.86#

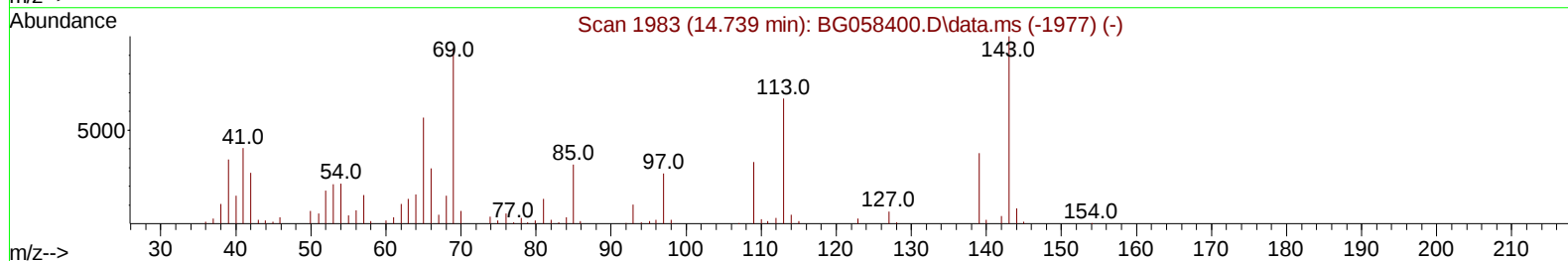
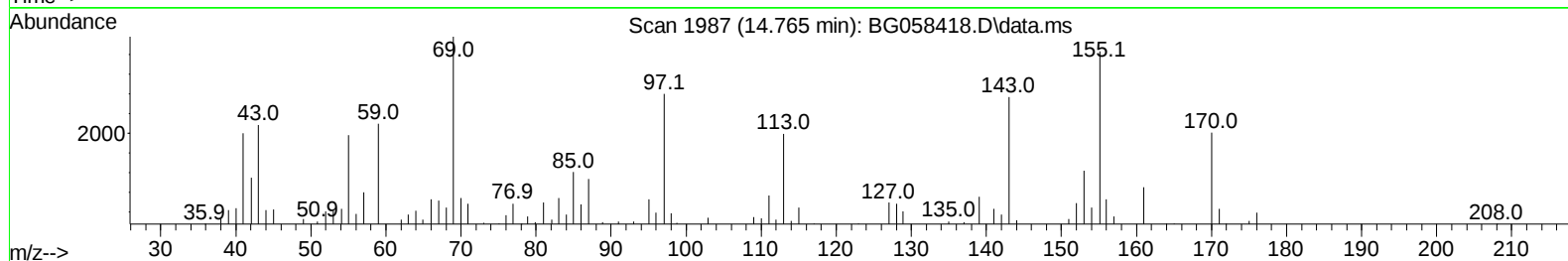
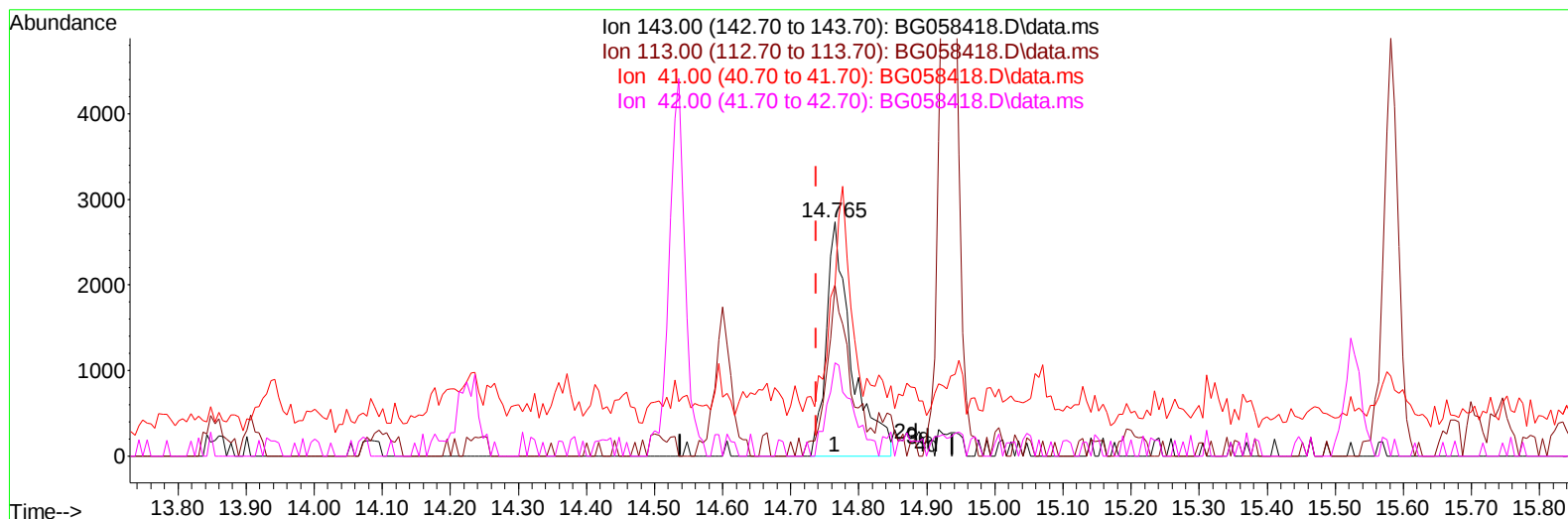
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058418.D
 Acq On : 23 Jul 2023 3:11
 Operator : CG/JU
 Sample : 03504-11RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG058418.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.765min (+ 0.027) 2.74 ng/ul m

response 7014

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	67.80	72.78
41.00	46.40	73.07#
42.00	30.60	39.86#

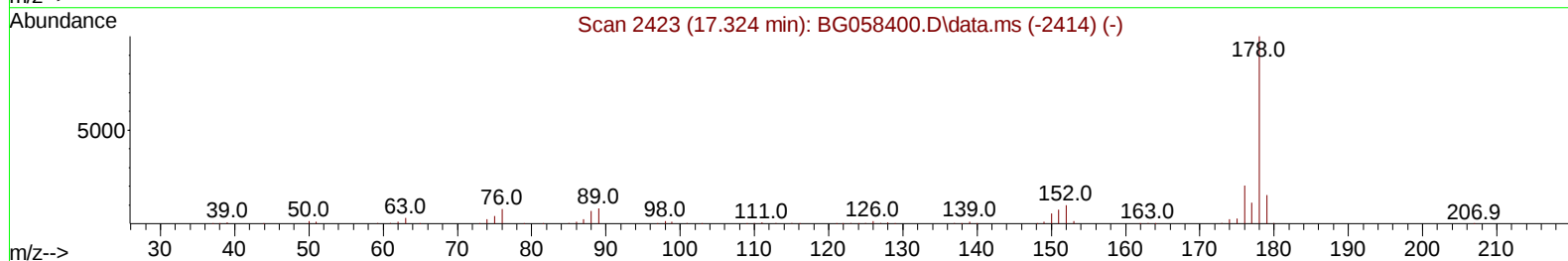
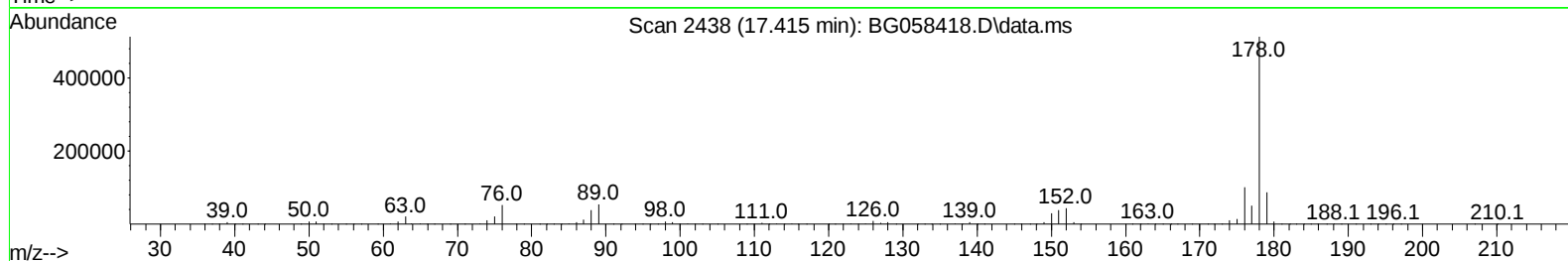
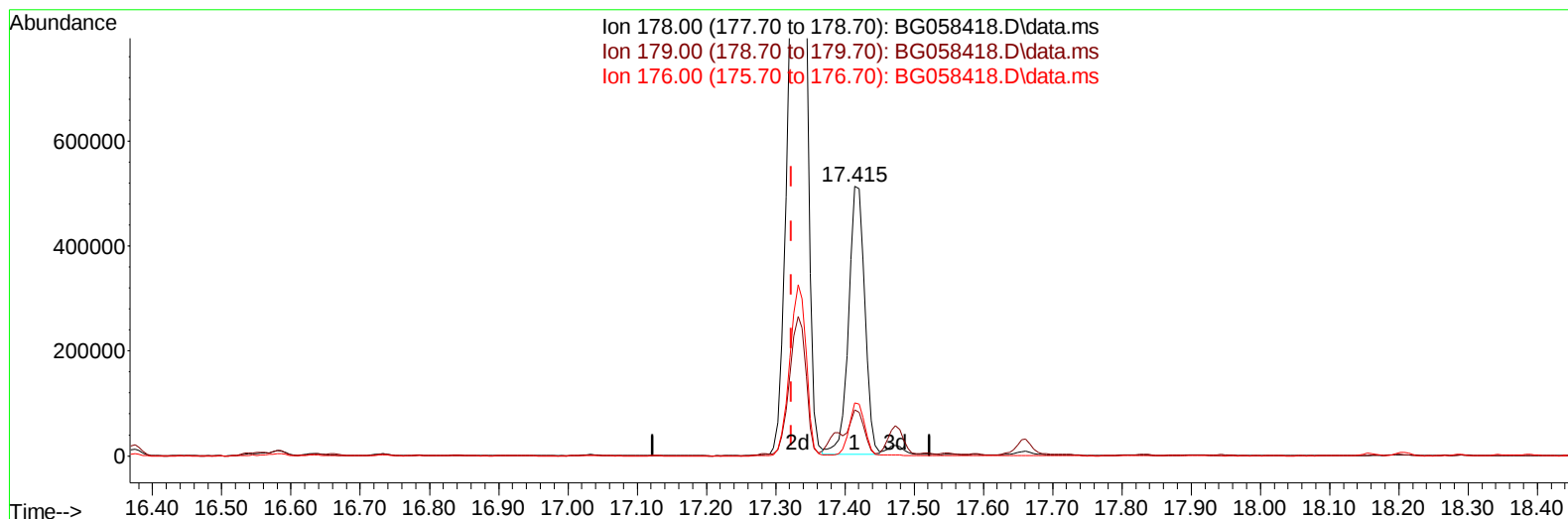
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
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Instrument :
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TIC: BG058418.D\data.ms

(72) Phenanthrene

17.415min (+ 0.091) 38.27 ng/u1

response 830214

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	17.10
176.00	19.80	19.78
0.00	0.00	0.00

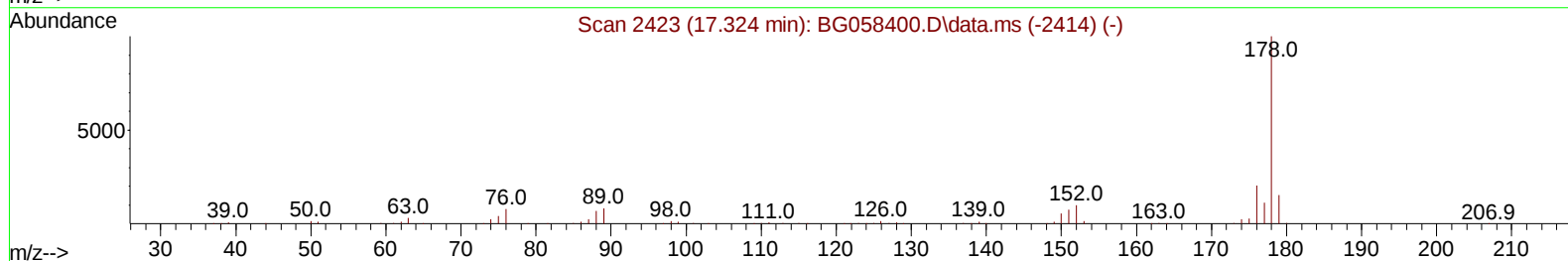
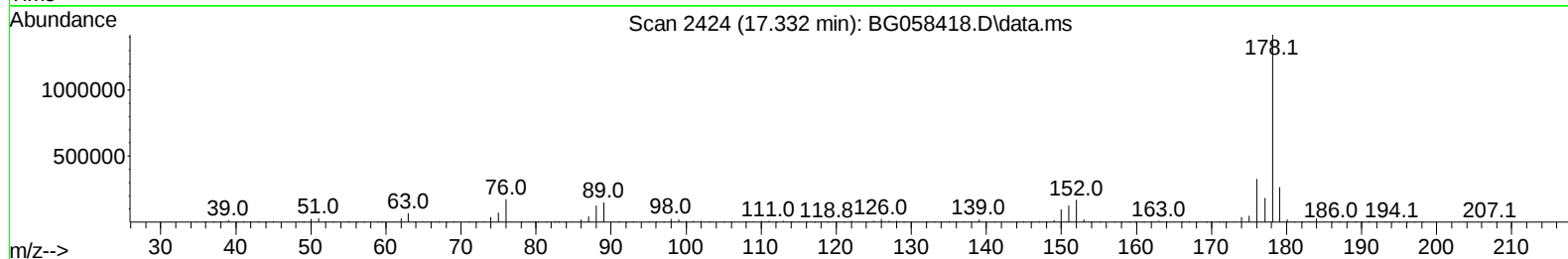
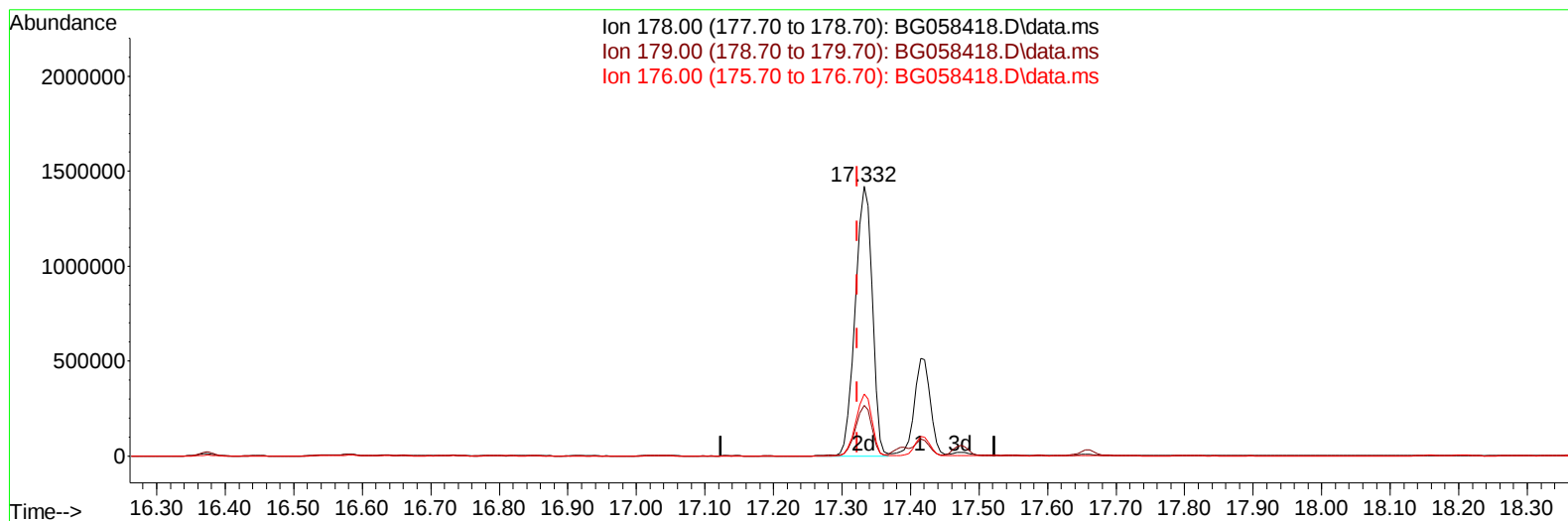
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
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 Operator : CG/JU
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 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Supervised By :mohammad ahmed 07/24/2023



TIC: BG058418.D\data.ms

(72) Phenanthrene

17.332min (+ 0.009) 113.54 ng/u1 m

response 2462997

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	18.70#
176.00	19.80	22.95
0.00	0.00	0.00

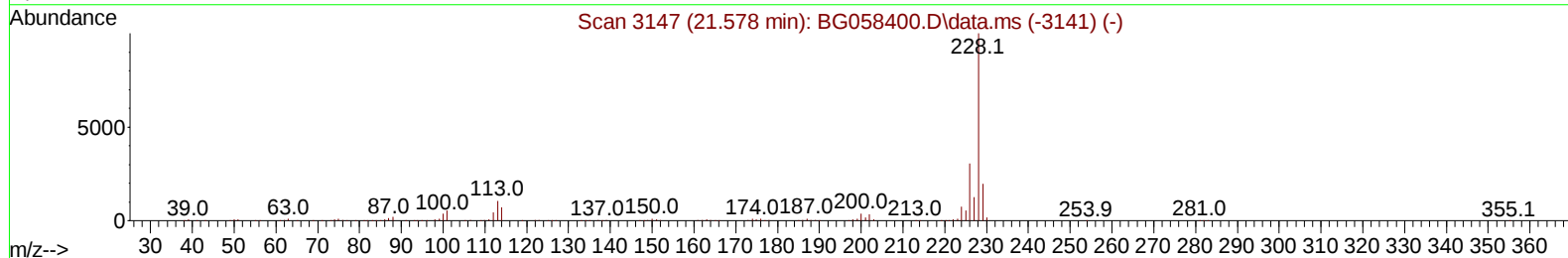
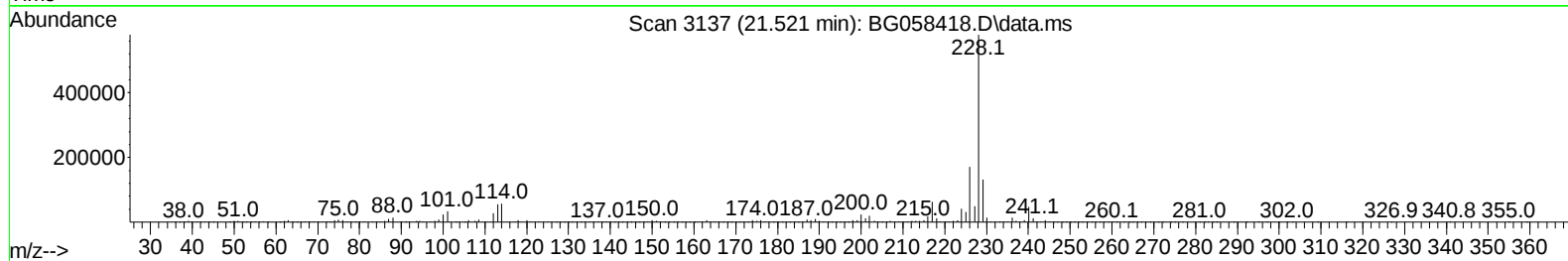
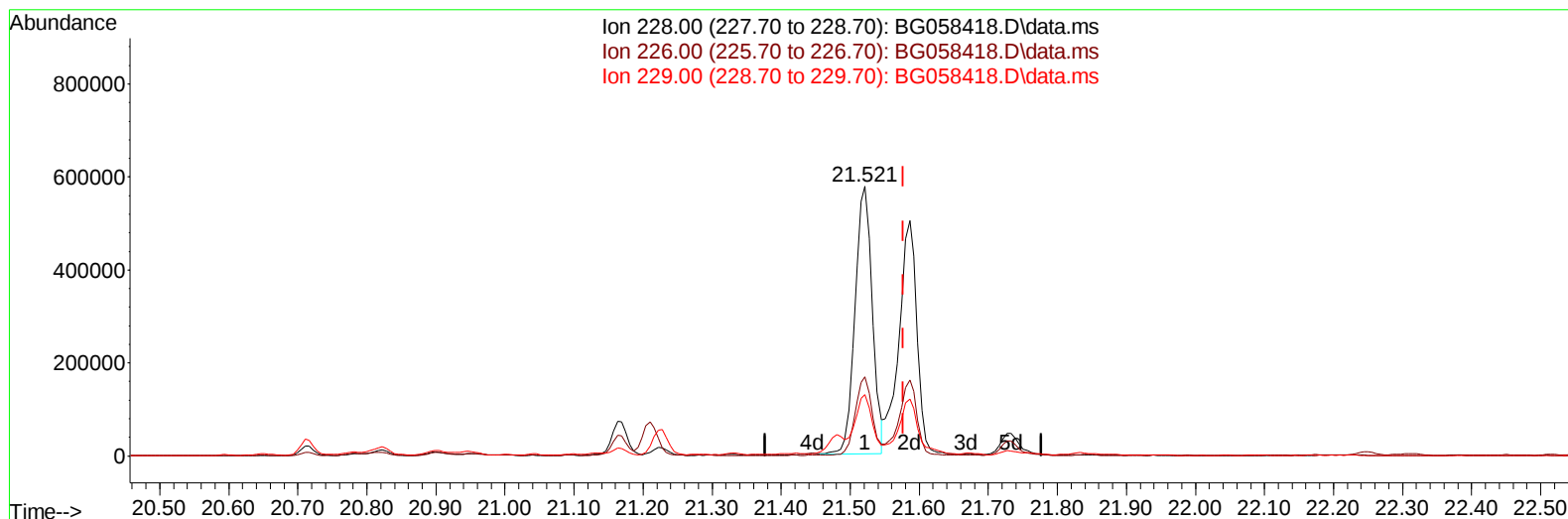
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
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 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual IntegrationsAPPROVED

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TIC: BG058418.D\data.ms

(87) Chrysene

21.521min (-0.055) 43.96 ng/u1

response 1006208

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	29.36
229.00	19.80	22.70
0.00	0.00	0.00

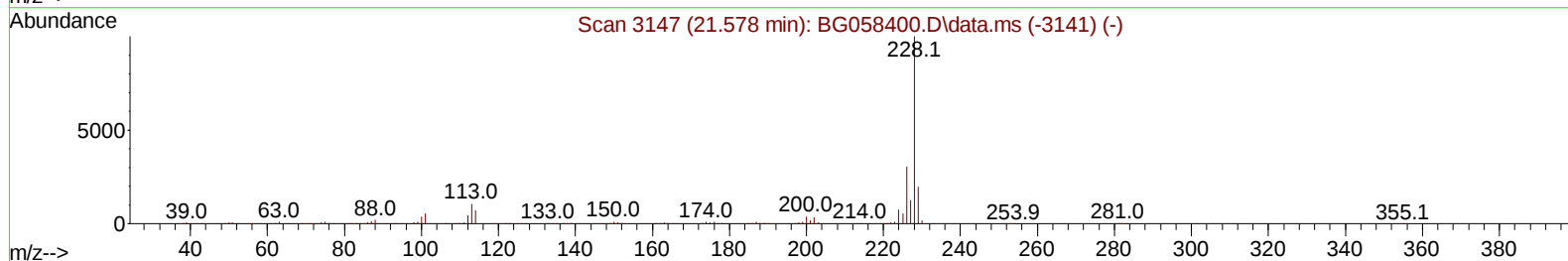
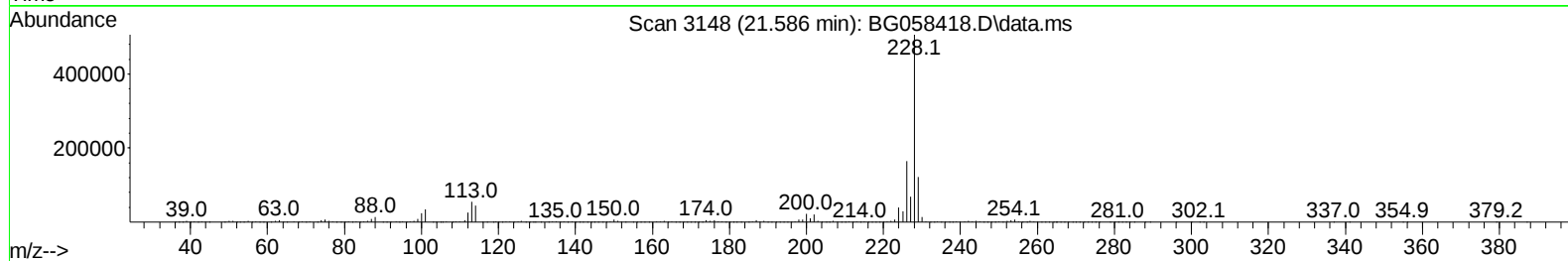
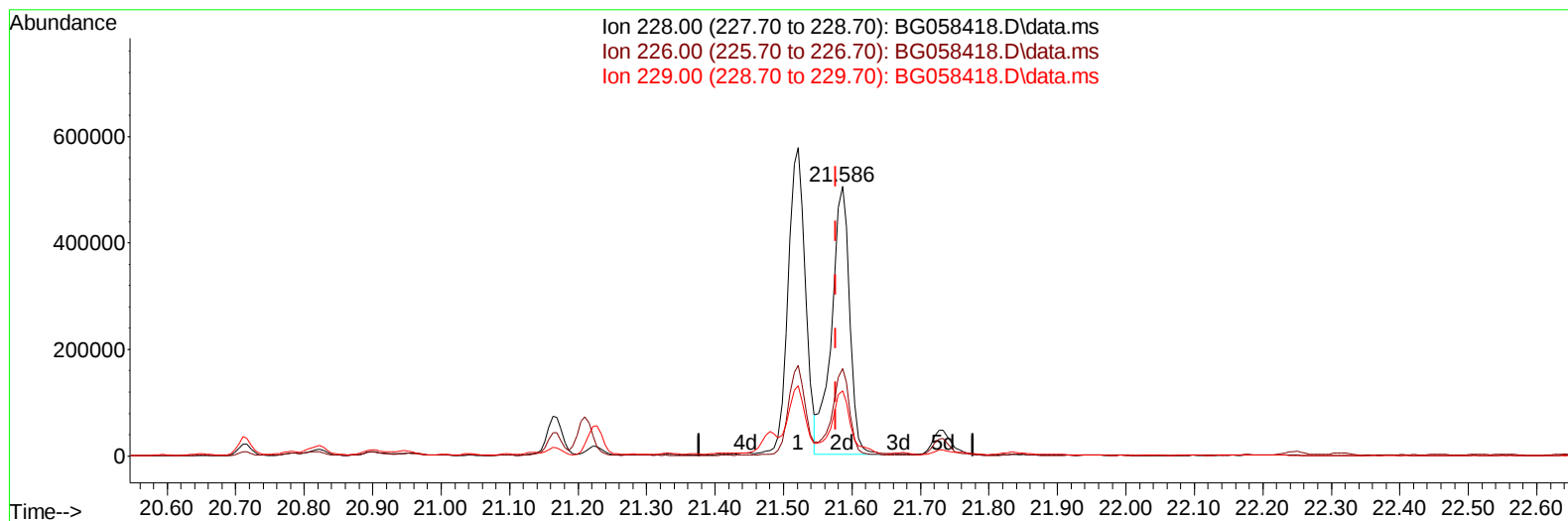
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058418.D
 Acq On : 23 Jul 2023 3:11
 Operator : CG/JU
 Sample : 03504-11RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46W9RE

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/24/2023



TIC: BG058418.D\data.ms

(87) Chrysene

21.586min (+ 0.009) 40.21 ng/ul m

response 920409

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	32.41
229.00	19.80	24.16#
0.00	0.00	0.00

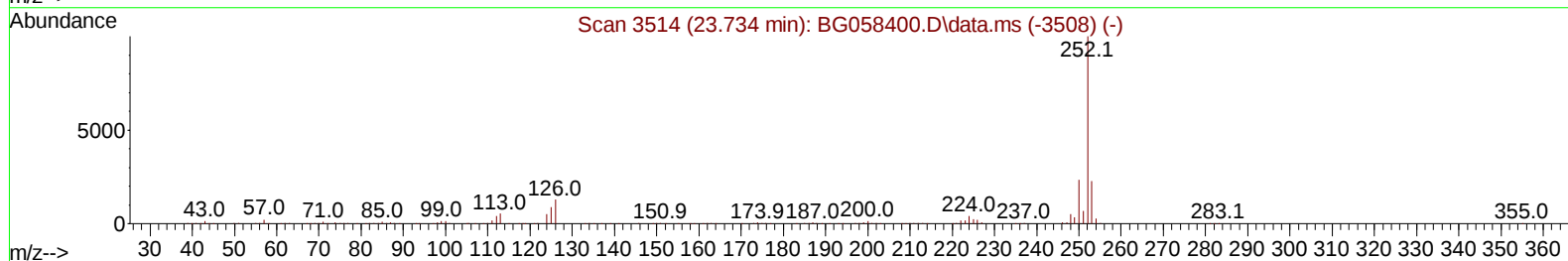
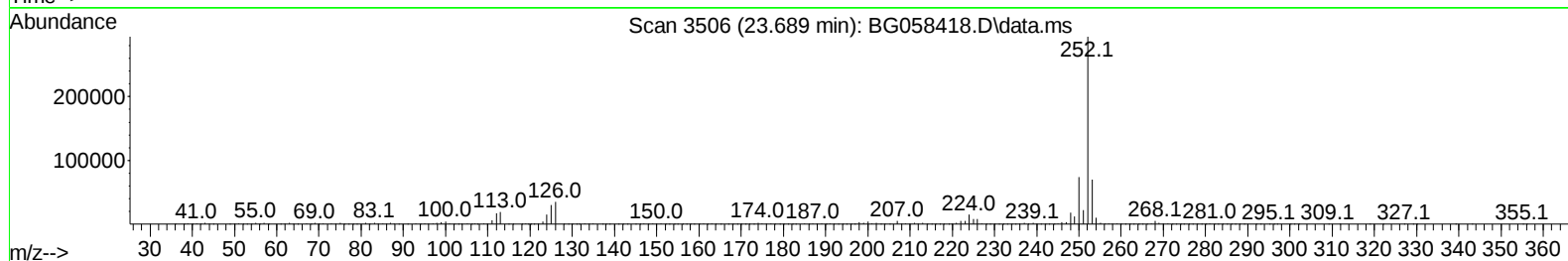
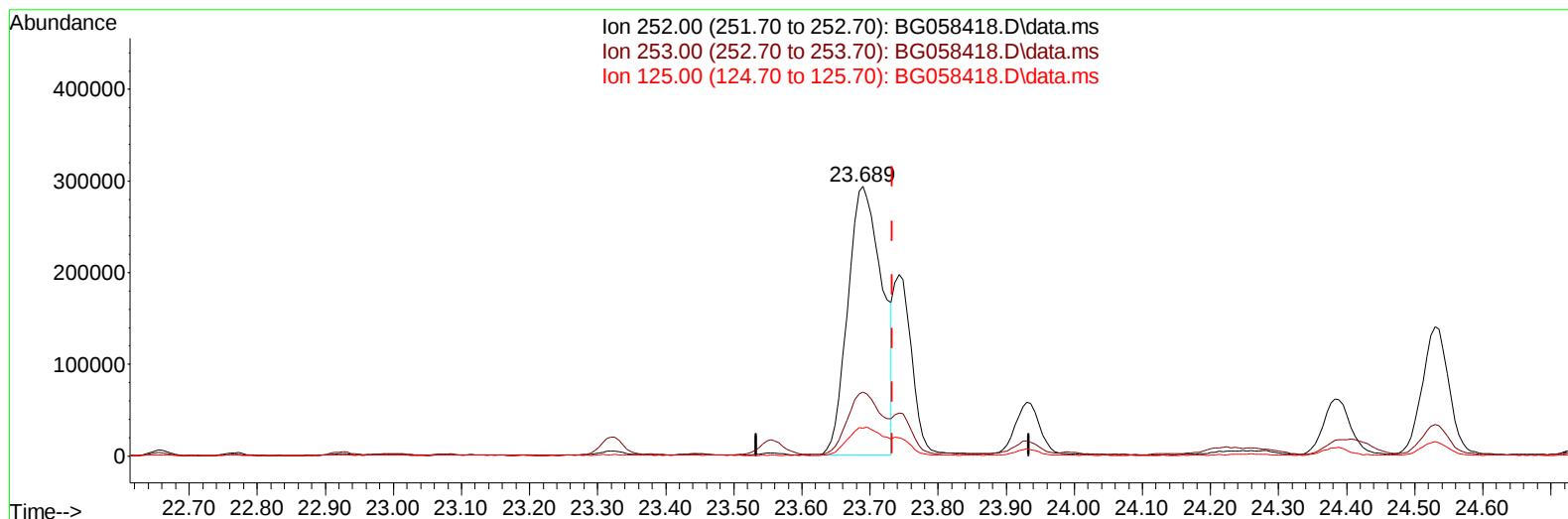
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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TIC: BG058418.D\data.ms

(91) Benzo(k)fluoranthene**23.689min (-0.044) 38.10 ng/u1****response 1030579**

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	23.81
125.00	9.20	10.32
0.00	0.00	0.00

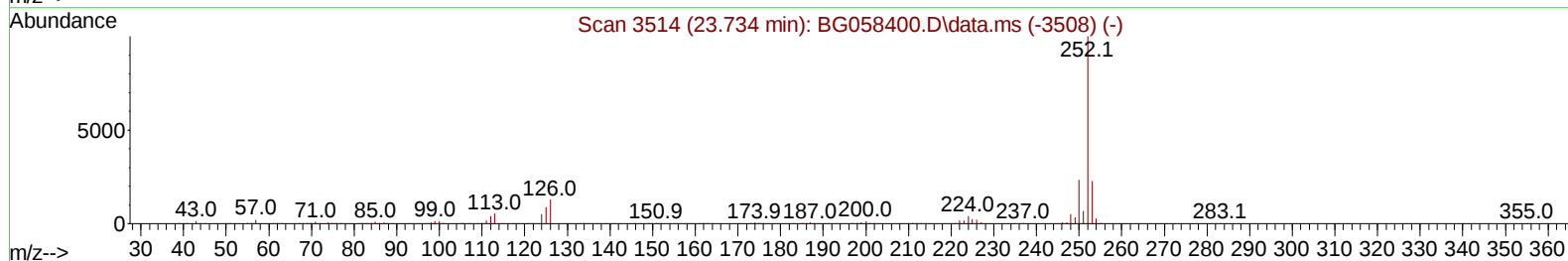
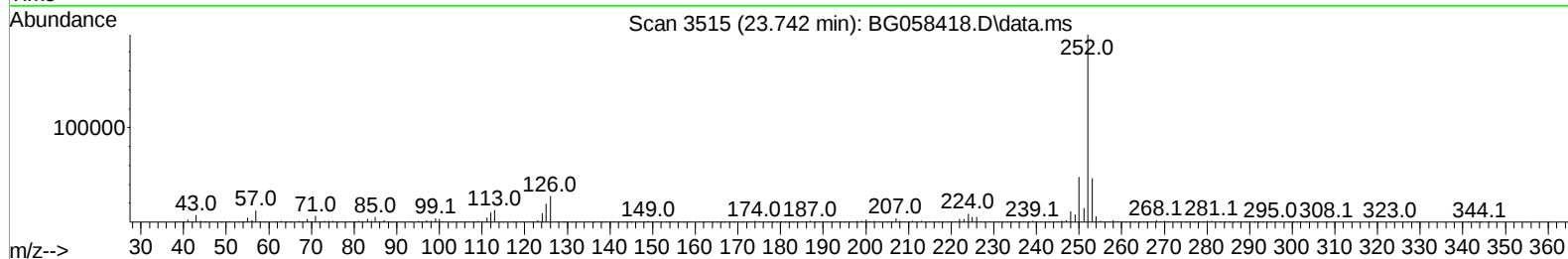
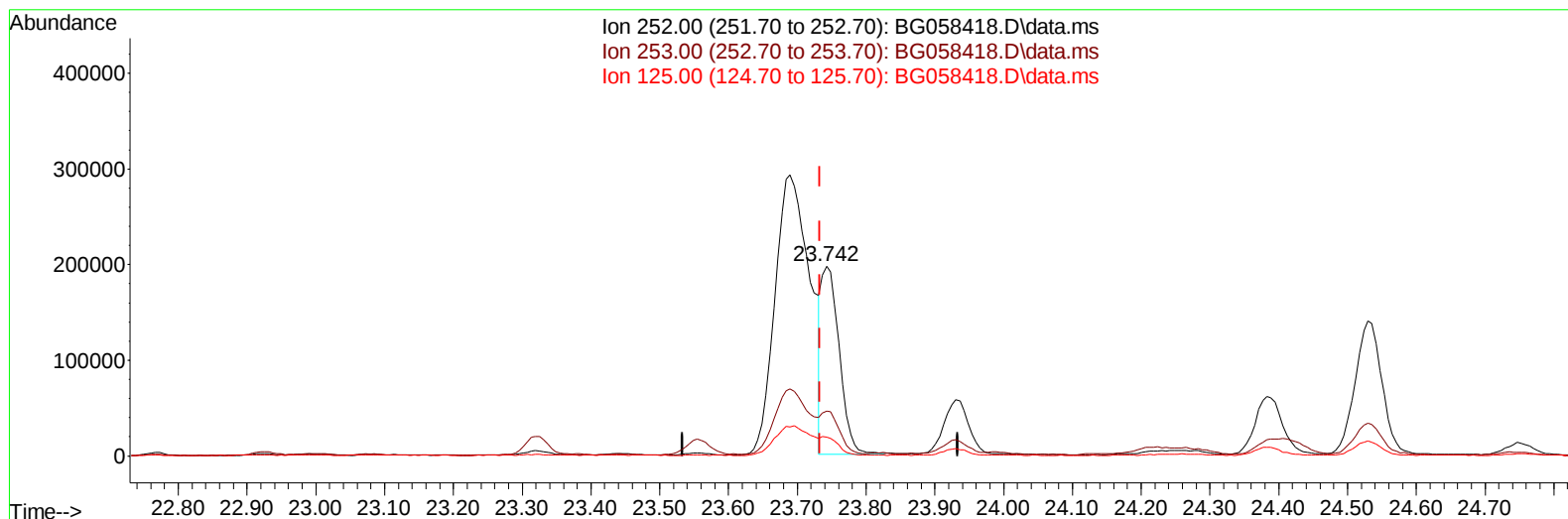
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
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Misc :
ALS Vial : 38 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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TIC: BG058418.D\data.ms

(91) Benzo(k)fluoranthene

23.742min (+ 0.009) 13.12 ng/ul m

response 354753

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	23.62
125.00	9.20	10.08
0.00	0.00	0.00

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 A46W9RE

Manual IntegrationsAPPROVED

Quant Time: Jul 23 03:53:43 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	79971	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	346083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	219523	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.285	188	456469	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	359005	20.000	ng/ul	0.00
88) Perylene-d12	24.677	264	468687	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2202	1.013	ng/uL	0.00
4) Pyridine-d5	3.748	84	67255	10.429	ng/ul	0.00
7) Phenol-d5	7.068	99	40333	5.317	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	26919	5.677	ng/ul	0.00
11) 2-Chlorophenol-d4	7.432	132	30278	5.702	ng/ul	0.00
15) 4-Methylphenol-d8	8.607	113	12642	2.185	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	14536	5.604	ng/ul	0.00
24) 2-Nitrophenol-d4	9.776	143	14127	4.988	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.329	165	28313	5.215	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	1957m	0.249	ng/ul	0.04
46) Dimethylphthalate-d6	13.936	166	91641	5.414	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	103419	5.830	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	7014m	2.744	ng/ul	0.03
60) Fluorene-d10	15.528	176	82138	5.861	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.664	200	259	0.111	ng/ul	0.02
73) Anthracene-d10	17.385	188	111526	5.654	ng/ul	0.00
81) Pyrene-d10	19.671	212	110416	5.207	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.459	264	75509	3.333	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.038	77	4775	1.559	ng/ul	96
8) Phenol	7.097	94	10847	1.377	ng/ul	94
16) Acetophenone	8.713	105	45020	4.568	ng/ul	99
30) Naphthalene	10.746	128	225373	12.183	ng/ul	99
36) 2-Methylnaphthalene	12.356	142	96143	7.757	ng/ul	98
37) 1-Methylnaphthalene	12.579	142	66186	5.211	ng/ul	98
43) 1,1'-Biphenyl	13.366	154	33885	2.283	ng/ul	92
52) Acenaphthene	14.600	153	323497	24.332	ng/ul	98
56) Dibenzofuran	14.935	168	352814	18.637	ng/ul	99
61) Fluorene	15.581	166	391588	25.224	ng/ul	99
72) Phenanthrene	17.332	178	2462997m	113.541	ng/ul	
74) Anthracene	17.415	178	830399	38.131	ng/ul	99
77) Carbazole	17.685	167	272237	14.421	ng/ul	99
80) Fluoranthene	19.348	202	2144110	88.266	ng/ul	96
82) Pyrene	19.706	202	1487050	60.417	ng/ul	98
85) Benzo(a)anthracene	21.521	228	1015300	42.075	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.416	149	33898	2.459	ng/ul#	97
87) Chrysene	21.586	228	920409m	40.213	ng/ul	
90) Benzo(b)fluoranthene	23.689	252	1030579	38.004	ng/ul#	96
91) Benzo(k)fluoranthene	23.742	252	354753m	13.117	ng/ul	
93) Benzo(a)pyrene	24.530	252	380309	15.768	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.261	276	270202	8.503	ng/ul	97
95) Dibenzo(a,h)anthracene	28.296	278	104590	4.014	ng/ul#	91

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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

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QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058418.D
 Acq On : 23 Jul 2023 3:11
 Operator : CG/JU
 Sample : 03504-11RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46W9RE

Manual IntegrationsAPPROVED

Quant Time: Jul 23 03:53:43 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 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

