

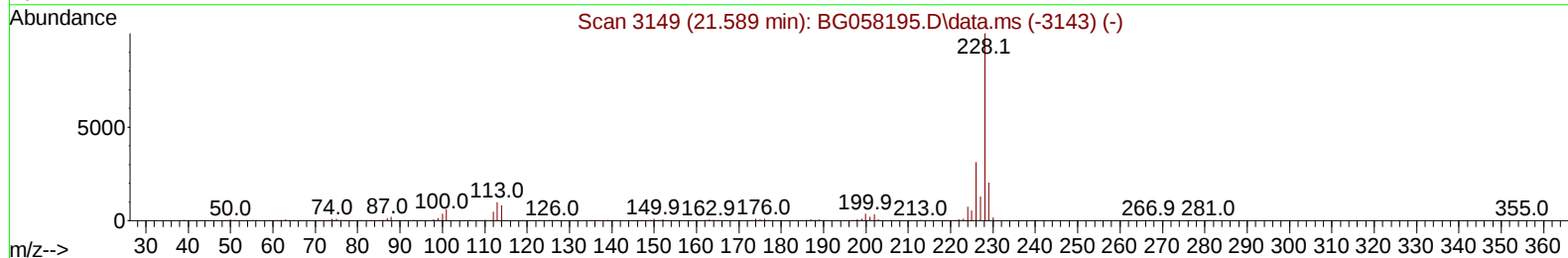
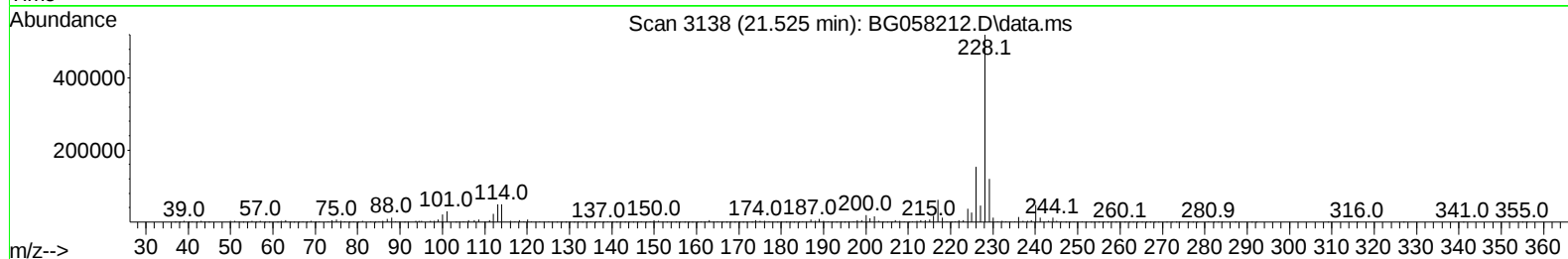
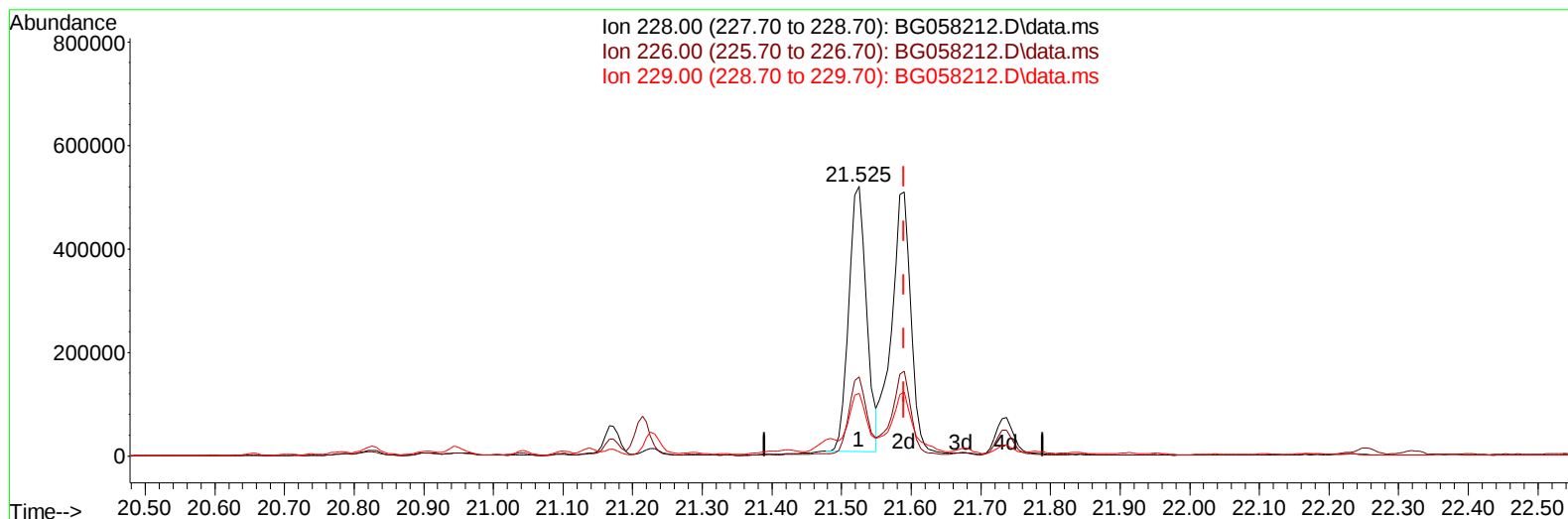
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058212.D
 Acq On : 14 Jul 2023 1:06
 Operator : CG/JU
 Sample : 03414-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46E6

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:02:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023



TIC: BG058212.D\data.ms

(87) Chrysene

21.525min (-0.064) 42.79 ng/u1

response 908107

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	29.41
229.00	19.40	23.13
0.00	0.00	0.00

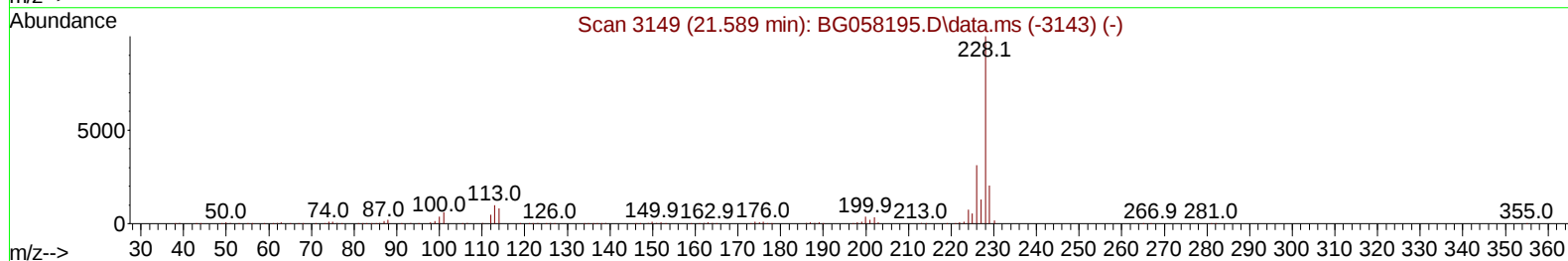
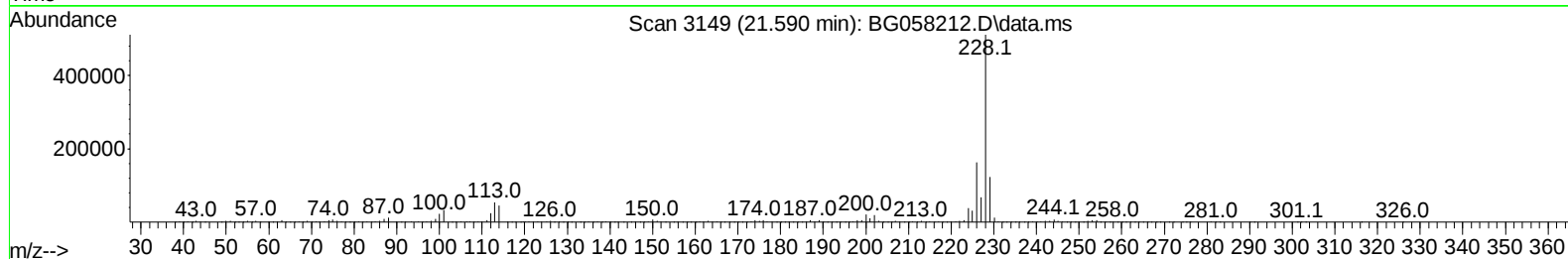
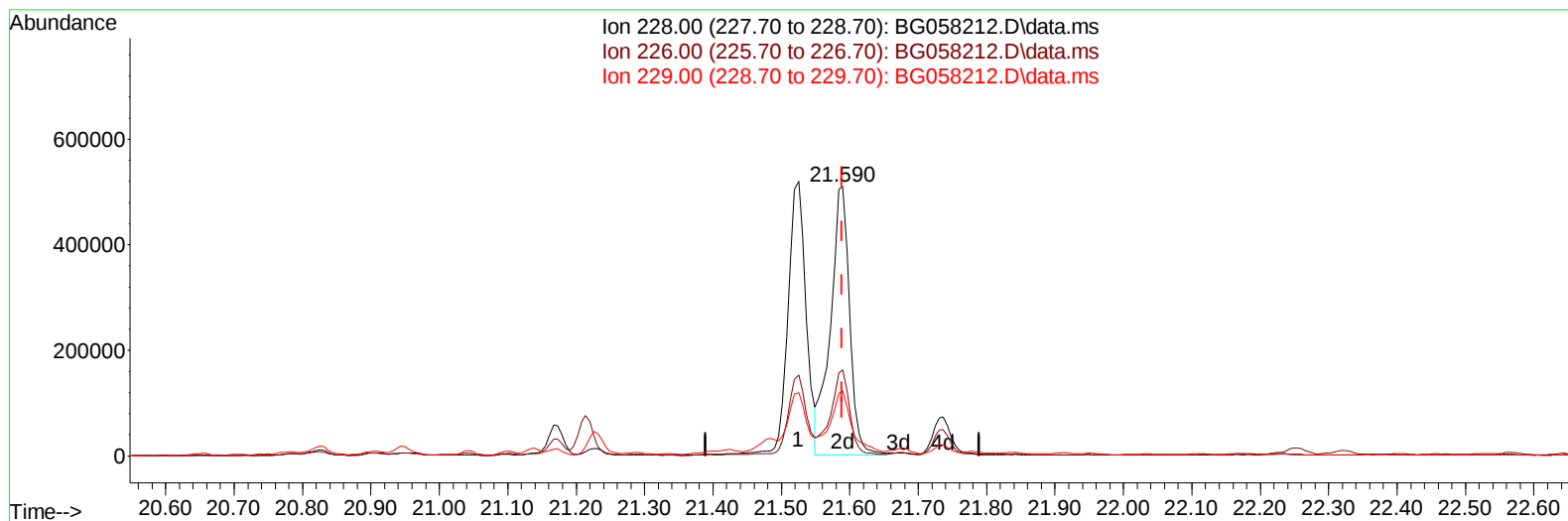
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
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TIC: BG058212.D\data.ms

(87) Chrysene

21.590min (+ 0.000) 46.71 ng/ul m

response 991231

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	32.01
229.00	19.40	24.15#
0.00	0.00	0.00

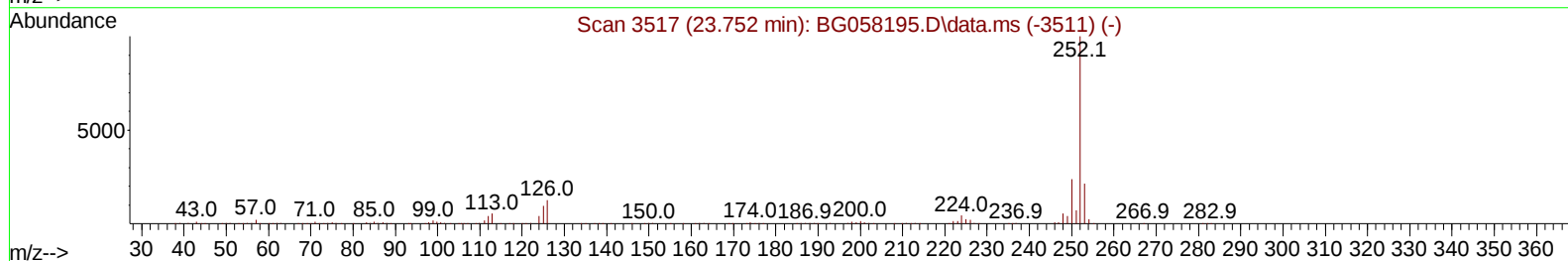
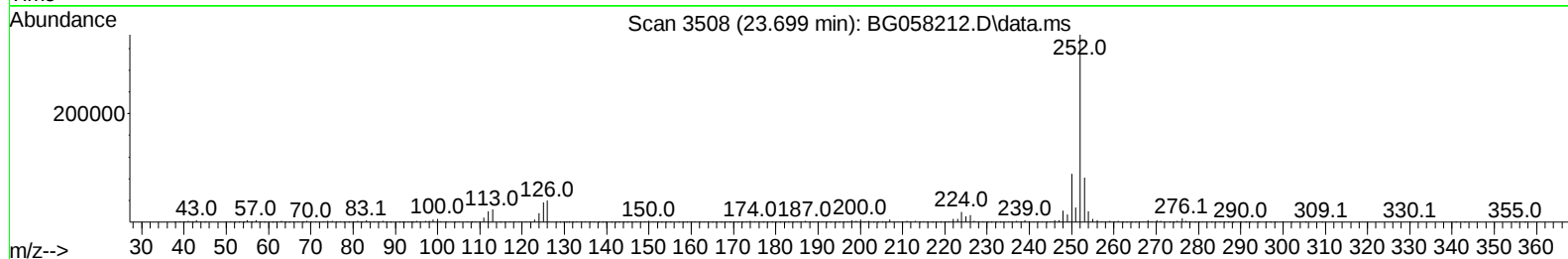
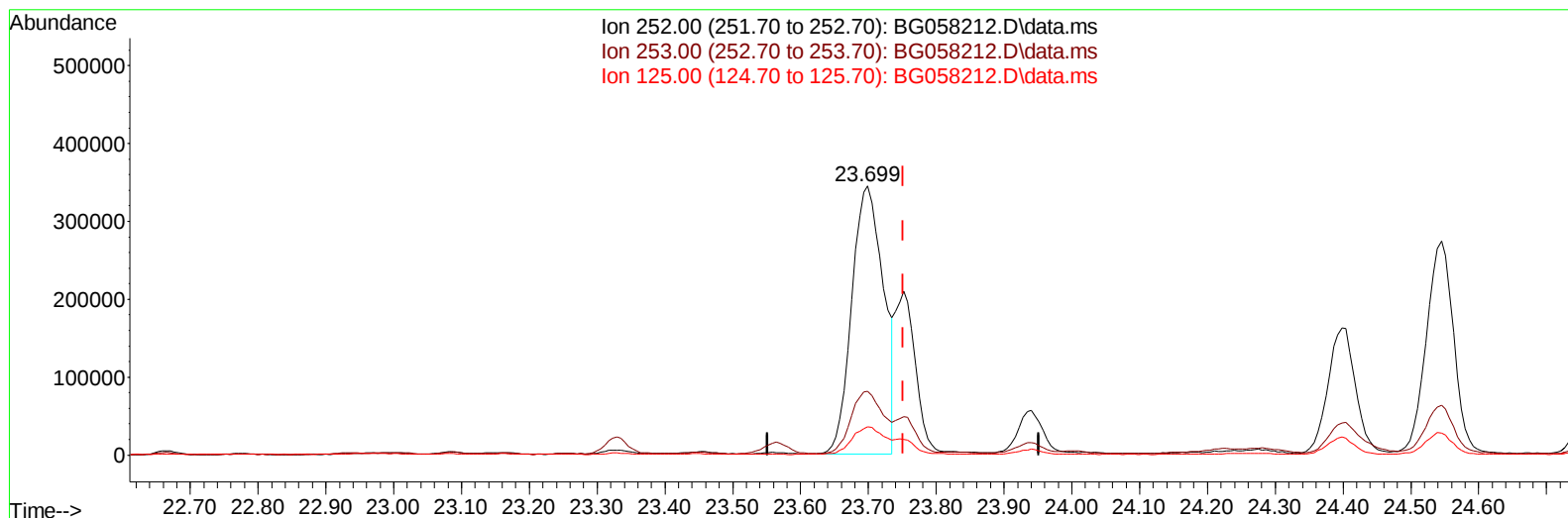
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058212.D
 Acq On : 14 Jul 2023 1:06
 Operator : CG/JU
 Sample : 03414-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46E6

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:02:50 2023
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TIC: BG058212.D\data.ms

(91) Benzo(k)fluoranthene

23.699min (-0.053) 44.66 ng/u1

response 1121867

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.76
125.00	9.30	10.43
0.00	0.00	0.00

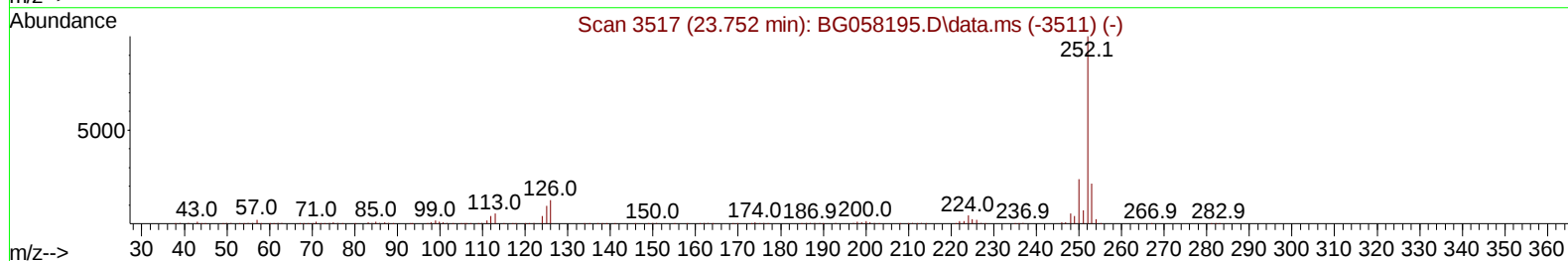
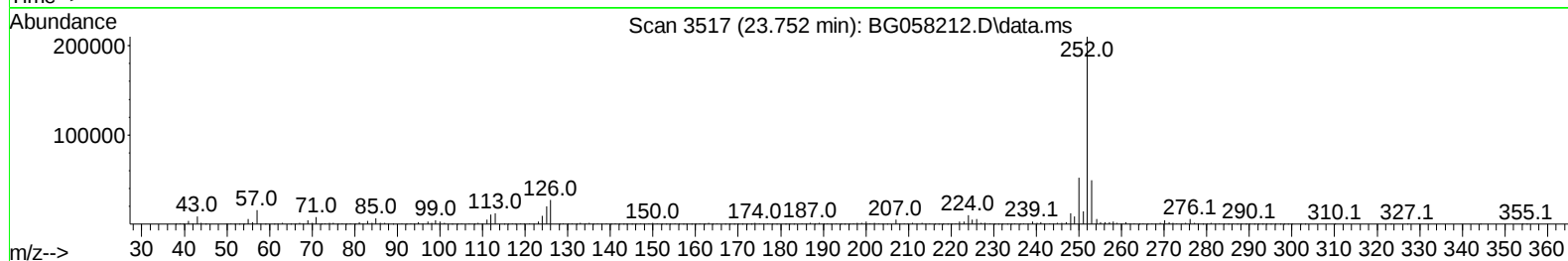
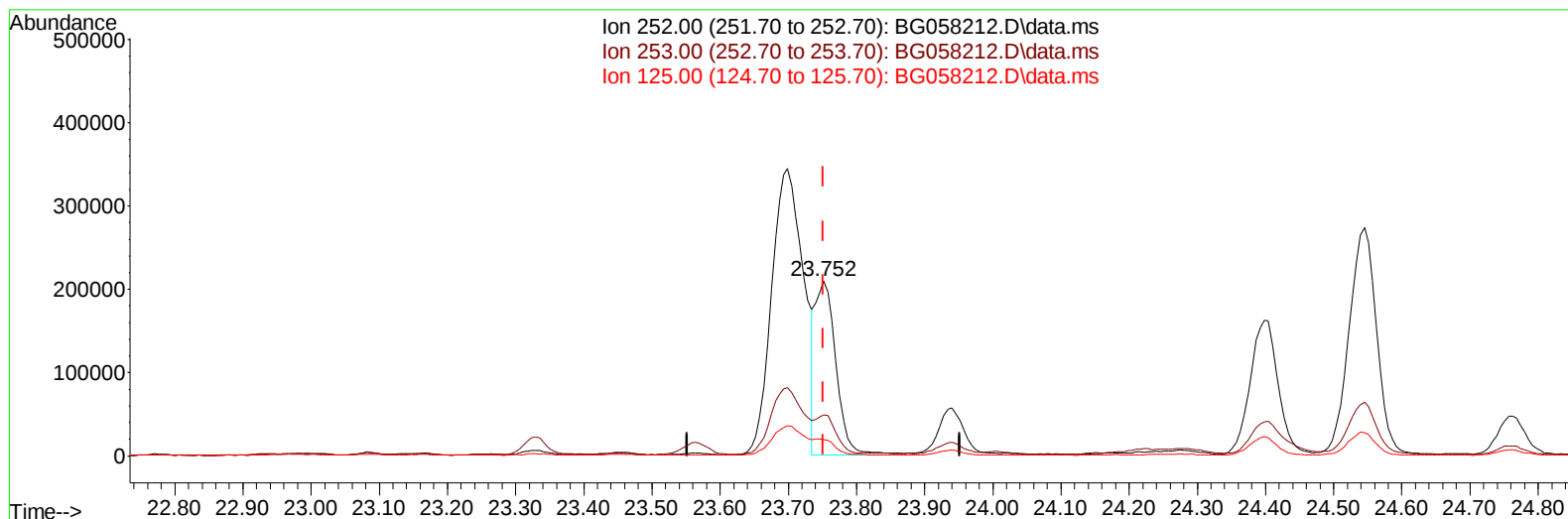
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058212.D
Acq On : 14 Jul 2023 1:06
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E6

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:02:50 2023
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Supervised By :mohammad ahmed 07/17/2023



TIC: BG058212.D\data.ms

(91) Benzo(k)fluoranthene

23.752min (+ 0.000) 17.33 ng/ul m

response 435232

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.54
125.00	9.30	9.44
0.00	0.00	0.00

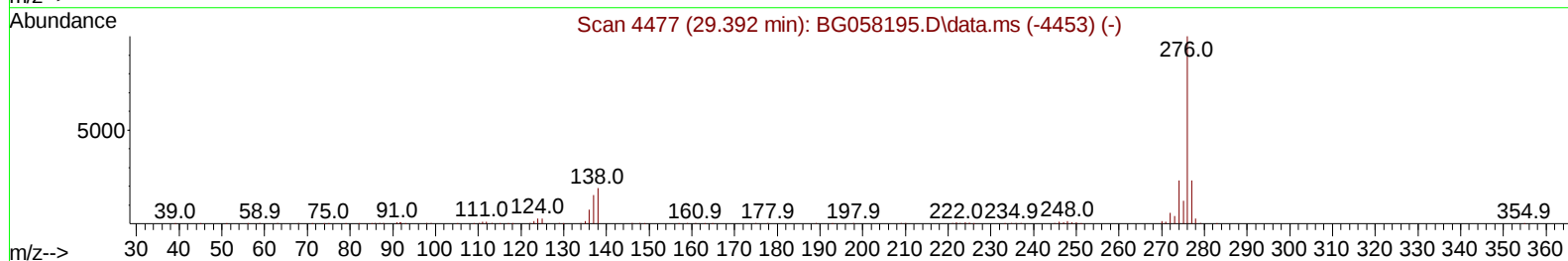
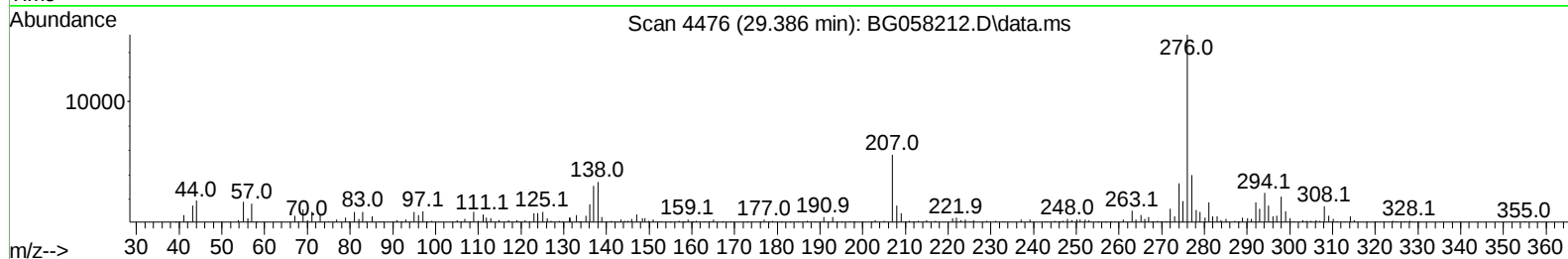
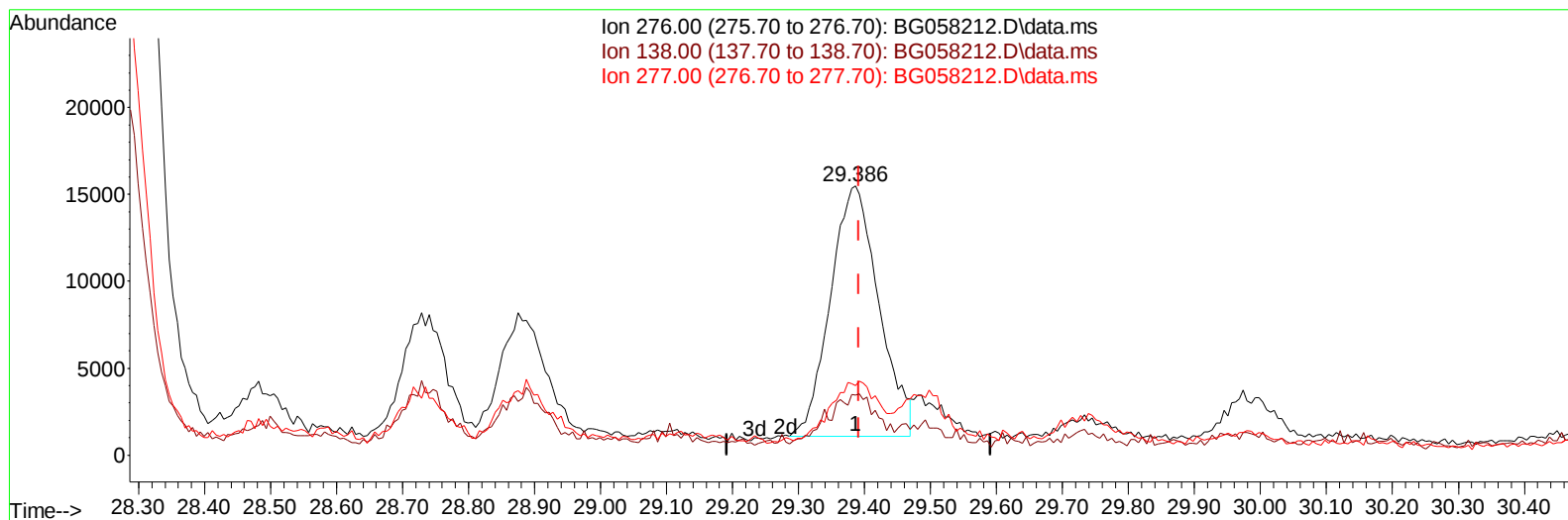
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058212.D
 Acq On : 14 Jul 2023 1:06
 Operator : CG/JU
 Sample : 03414-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46E6

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:02:50 2023
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TIC: BG058212.D\data.ms

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

29.386min (-0.006) 2.98 ng/u1

response 73304

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	22.25#
277.00	23.20	25.84
0.00	0.00	0.00

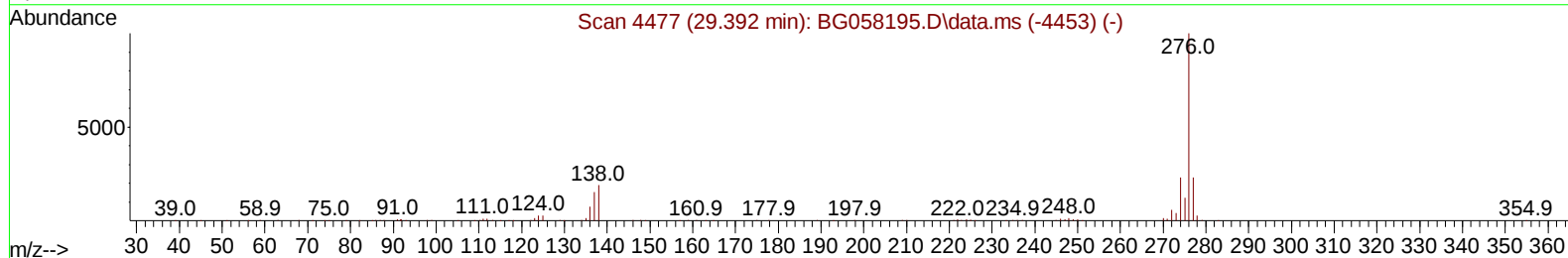
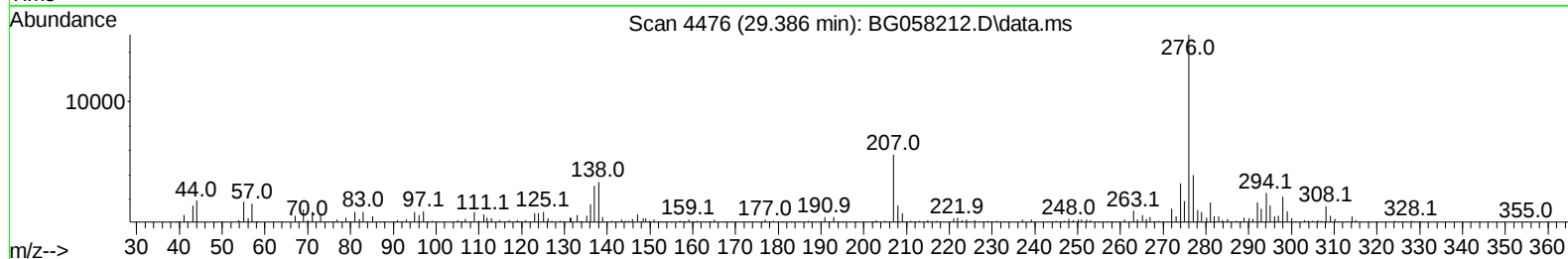
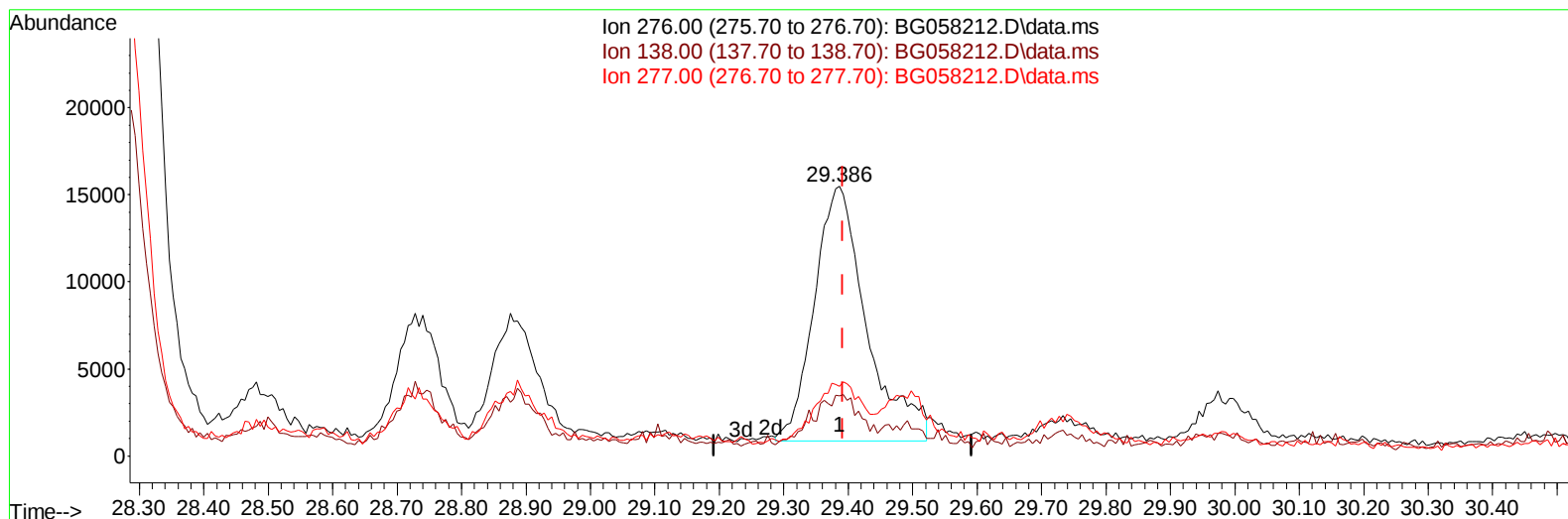
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058212.D
 Acq On : 14 Jul 2023 1:06
 Operator : CG/JU
 Sample : 03414-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46E6

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:03:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BG058212.D\data.ms

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

29.386min (-0.006) 3.34 ng/ul m

response 82217

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	22.25#
277.00	23.20	25.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A46E6

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:03:54 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.906	152	54623	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	258181	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	180832	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	391691	20.000	ng/ul	0.00
79) Chrysene-d12	21.543	240	315270	20.000	ng/ul	0.00
88) Perylene-d12	24.692	264	413883	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	1079	0.692	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.071	99	75045	13.453	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	44296	13.177	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	54140	14.072	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	60319	14.330	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	27988	13.300	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	31670	14.320	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	59846	14.106	ng/ul	0.00
31) 4-Chloroaniline-d4	10.843	131	8186	1.273	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	196226	13.753	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	230700	14.817	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	23462	9.307	ng/ul	0.00
60) Fluorene-d10	15.532	176	174650	14.413	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	22963	10.797	ng/ul	0.00
73) Anthracene-d10	17.383	188	266065	14.639	ng/ul	0.00
81) Pyrene-d10	19.674	212	297699	14.993	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.475	264	298721	14.167	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.042	77	4186	2.247	ng/ul	94
8) Phenol	7.095	94	12627	2.231	ng/ul	99
16) Acetophenone	8.722	105	83724	11.989	ng/ul	96
30) Naphthalene	10.755	128	95274	6.566	ng/ul	97
36) 2-Methylnaphthalene	12.365	142	19776	2.022	ng/ul	99
37) 1-Methylnaphthalene	12.583	142	14039	1.431	ng/ul	82
52) Acenaphthene	14.604	153	209454	18.155	ng/ul	97
56) Dibenzofuran	14.939	168	102223	6.233	ng/ul	97
61) Fluorene	15.585	166	128351	9.538	ng/ul	96
72) Phenanthrene	17.330	178	1379324	69.229	ng/ul	96
74) Anthracene	17.418	178	270510	13.417	ng/ul	99
77) Carbazole	17.688	167	170447	9.347	ng/ul	99
80) Fluoranthene	19.345	202	1797374	78.120	ng/ul	98
82) Pyrene	19.710	202	1552857	67.050	ng/ul	98
85) Benzo(a)anthracene	21.525	228	910960	40.242	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.419	149	38255	2.843	ng/ul#	98
87) Chrysene	21.590	228	991231m	46.711	ng/ul	
90) Benzo(b)fluoranthene	23.699	252	1121867	43.777	ng/ul	97
91) Benzo(k)fluoranthene	23.752	252	435232m	17.327	ng/ul	
93) Benzo(a)pyrene	24.545	252	759683	33.493	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.276	276	562461	18.674	ng/ul	98
95) Dibenzo(a,h)anthracene	28.317	278	155755	6.271	ng/ul#	92
96) Benzo(g,h,i)perylene	29.386	276	82217m	3.342	ng/ul	

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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