

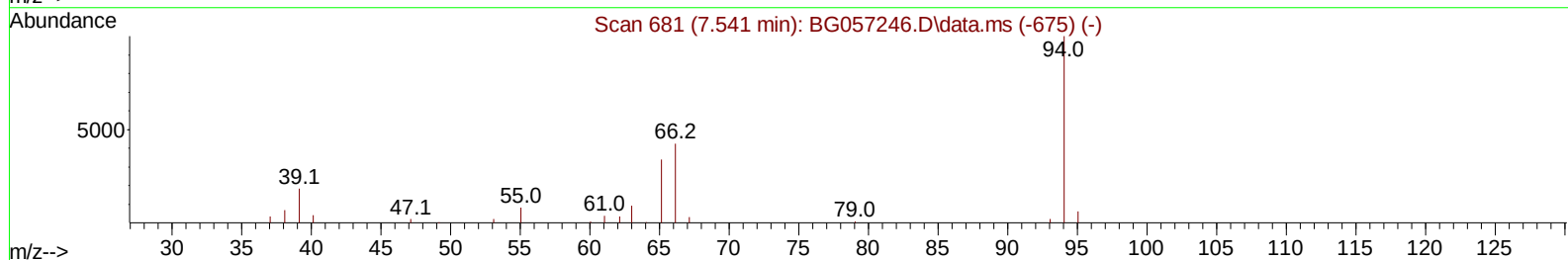
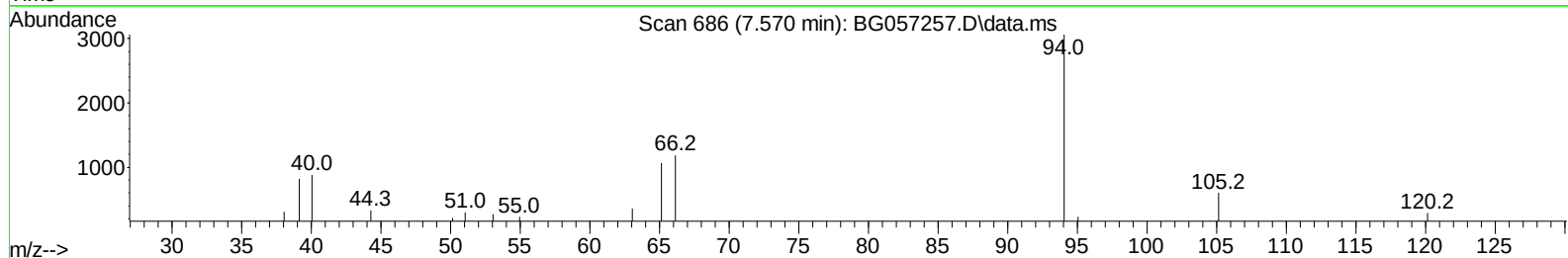
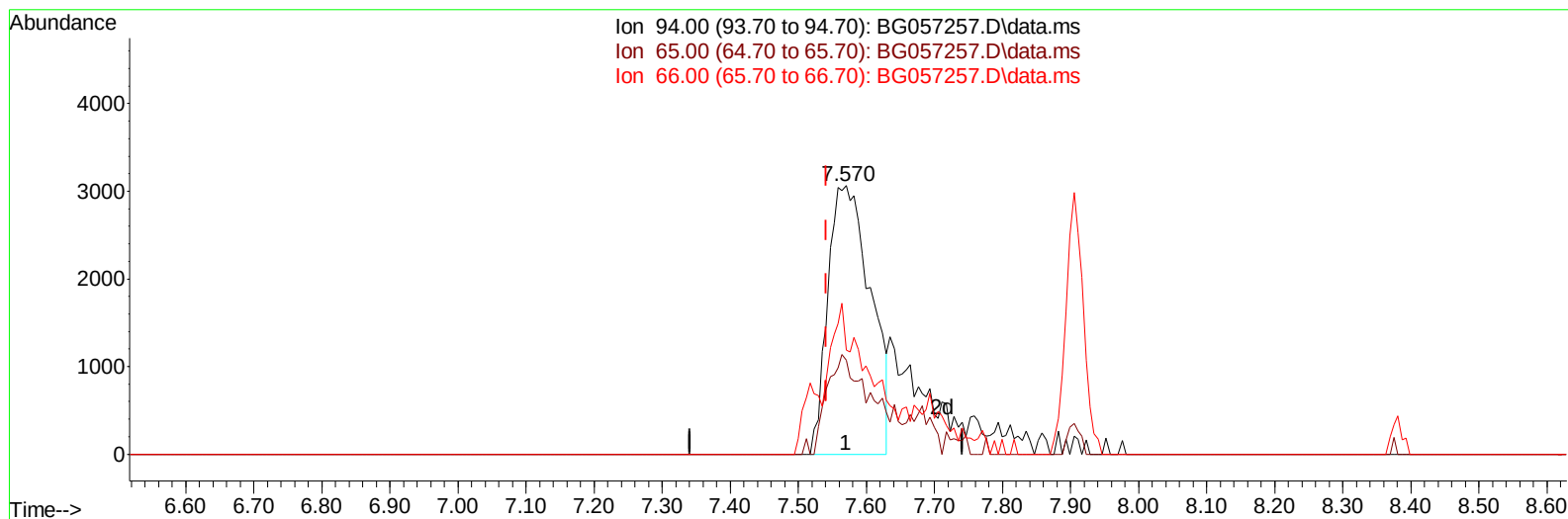
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057257.D
Acq On : 1 May 2023 19:50
Operator : CG/JU
Sample : 02417-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y1

Manual IntegrationsAPPROVED

Quant Time: May 01 22:30:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BG057257.D\data.ms

(8) Phenol

7.570min (+ 0.029) 7.92 ng/u1

response 13332

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	34.98
66.00	46.10	38.83
0.00	0.00	0.00

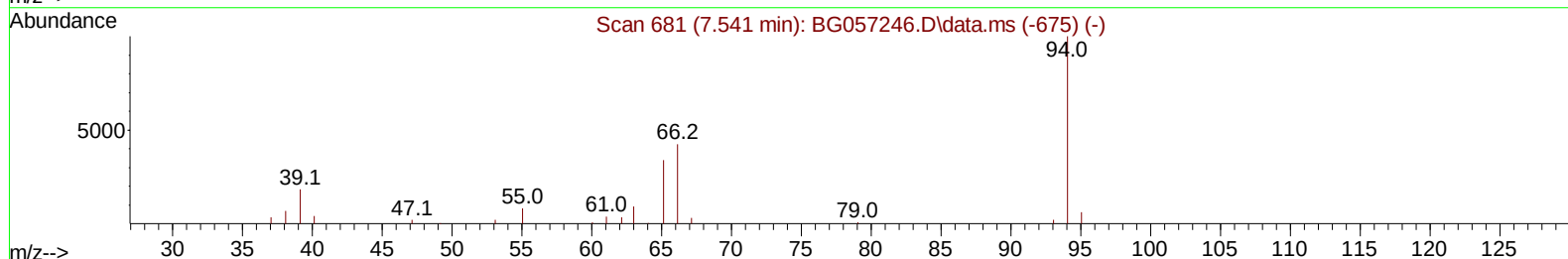
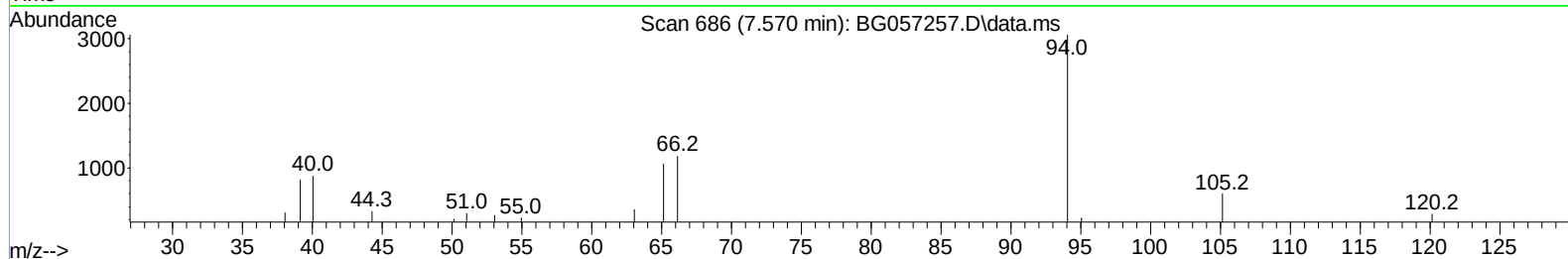
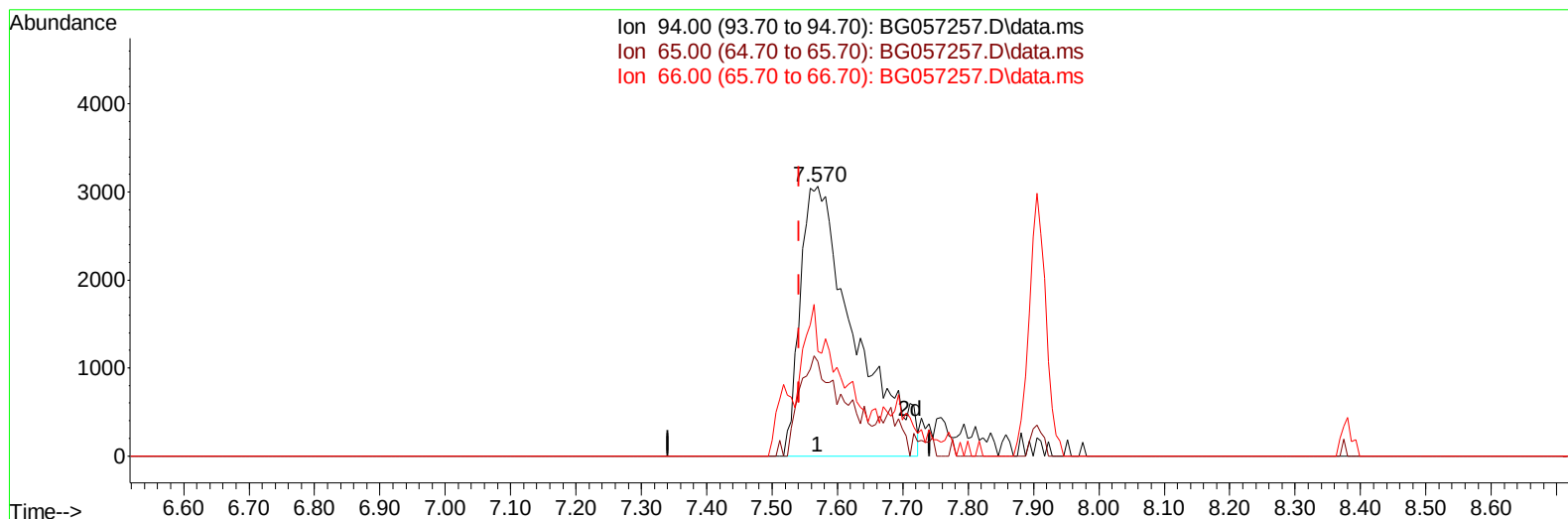
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG057257.D\data.ms

(8) Phenol

7.570min (+ 0.029) 10.46 ng/ul m

response 17610

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	34.98
66.00	46.10	38.83
0.00	0.00	0.00

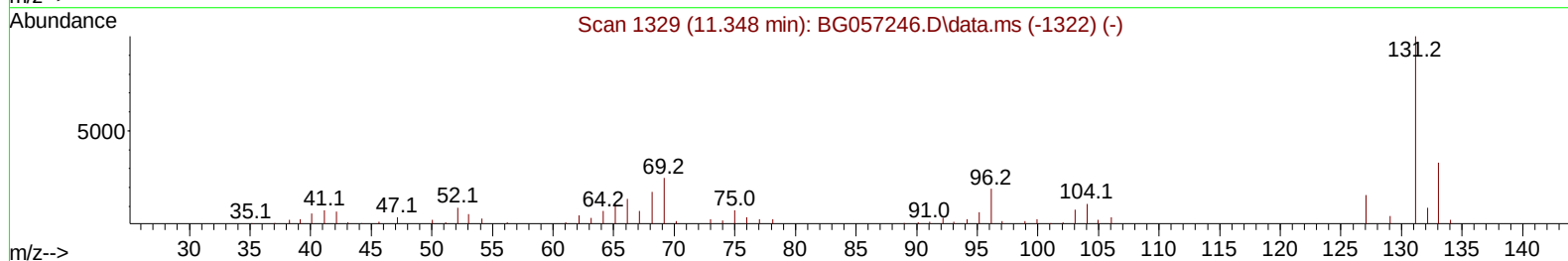
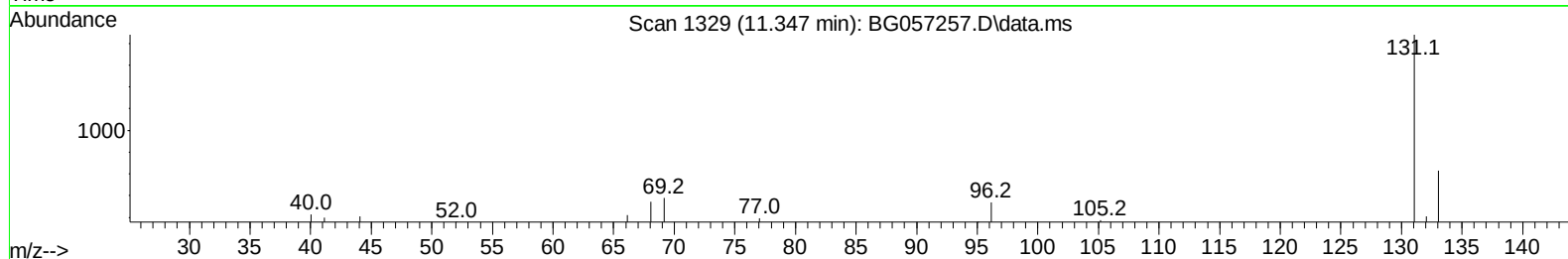
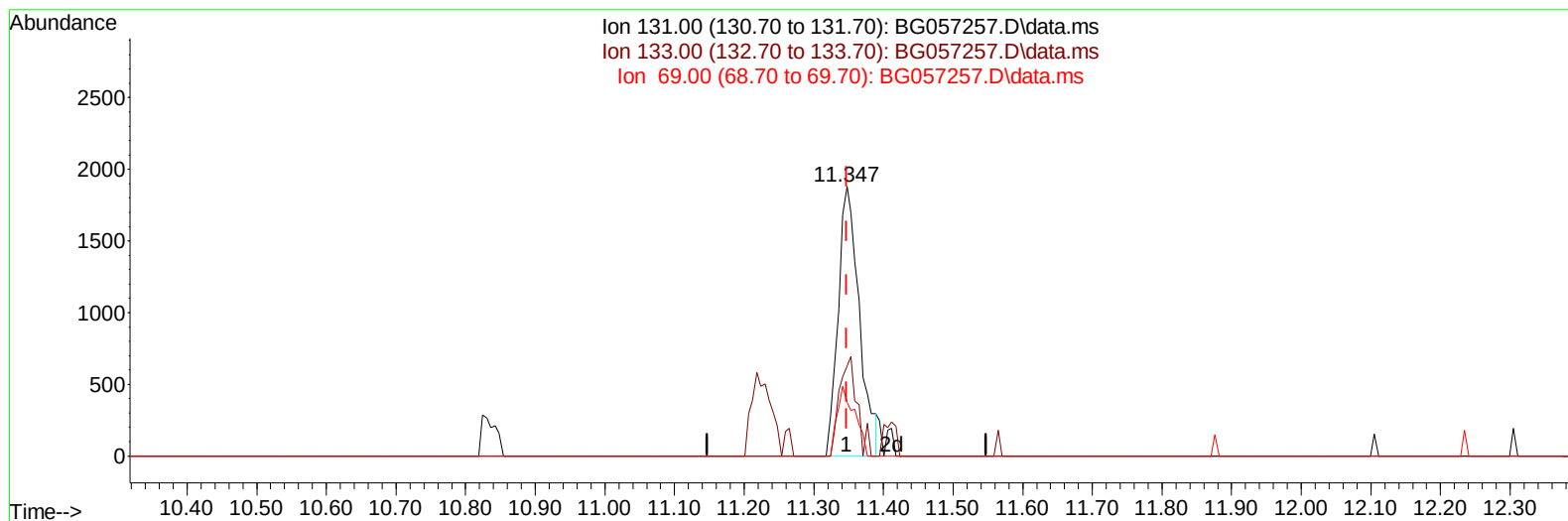
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057257.D
Acq On : 1 May 2023 19:50
Operator : CG/JU
Sample : 02417-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG057257.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.347min (-0.000) 2.28 ng/u1

response 3949

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.10	33.35
69.00	21.70	20.00
0.00	0.00	0.00

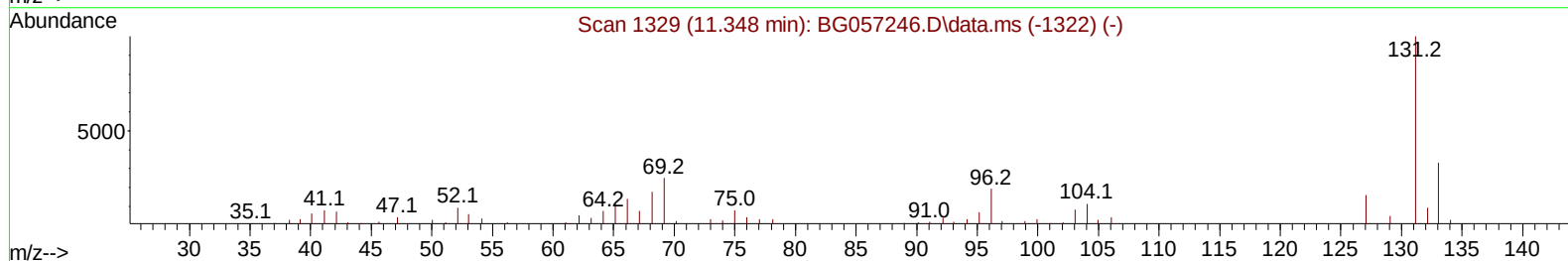
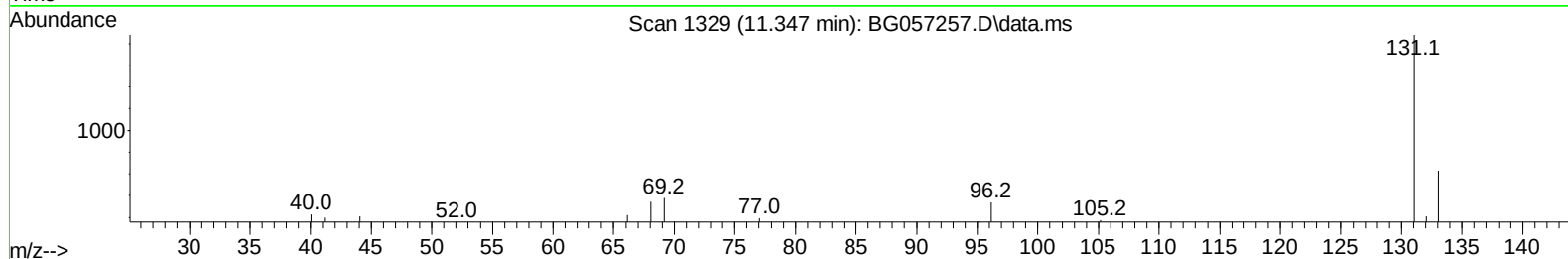
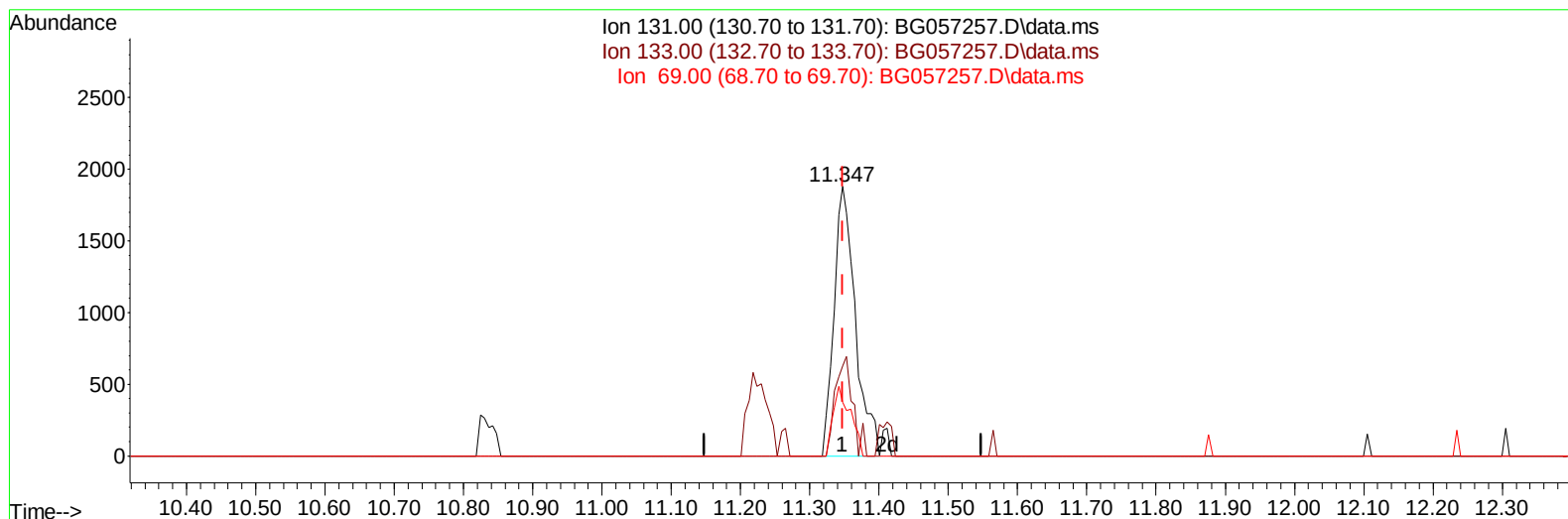
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057257.D
 Acq On : 1 May 2023 19:50
 Operator : CG/JU
 Sample : 02417-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1

Manual IntegrationsAPPROVED

Quant Time: May 01 22:30:53 2023
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TIC: BG057257.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.347min (-0.000) 2.33 ng/ul m

response 4035

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.10	33.35
69.00	21.70	20.00
0.00	0.00	0.00

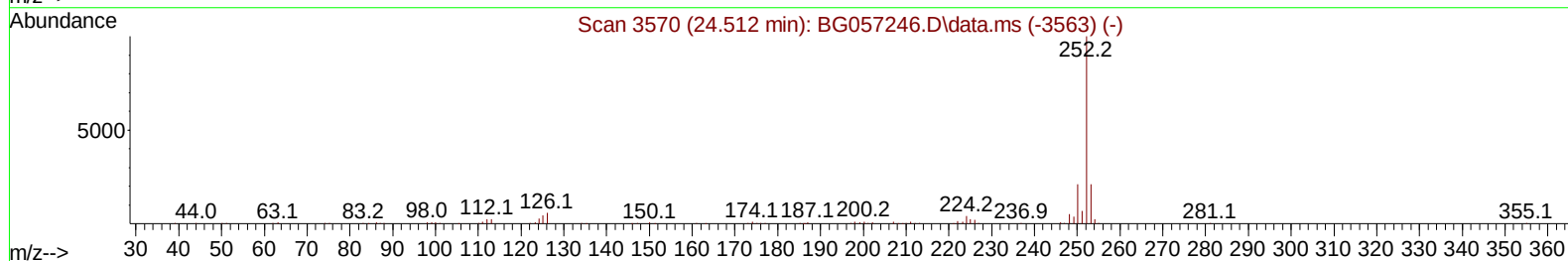
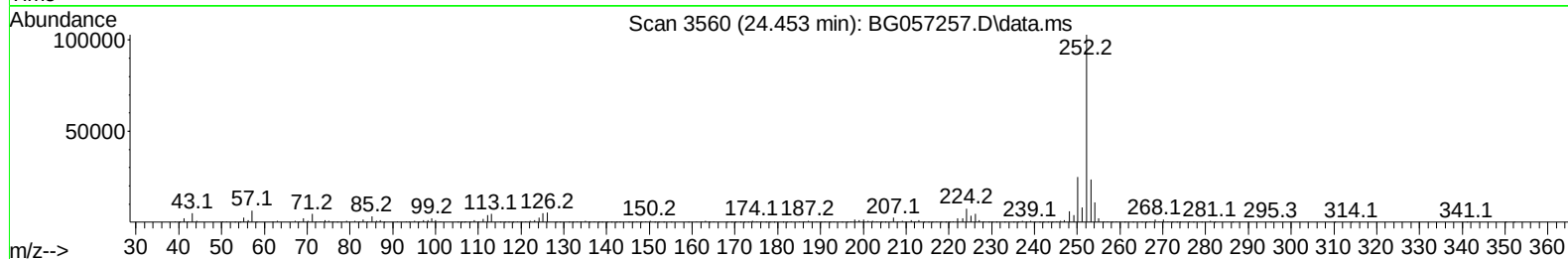
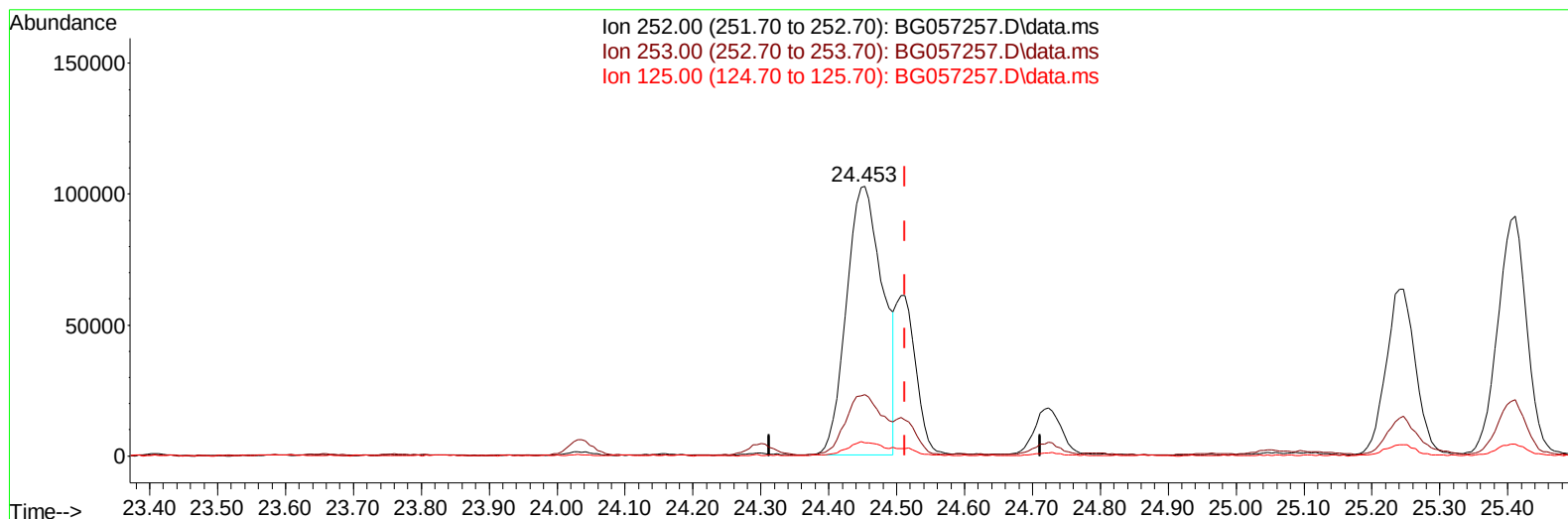
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057257.D
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 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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TIC: BG057257.D\data.ms

(91) Benzo(k)fluoranthene

24.453min (-0.059) 53.61 ng/u1

response 384335

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.70
125.00	5.60	4.81
0.00	0.00	0.00

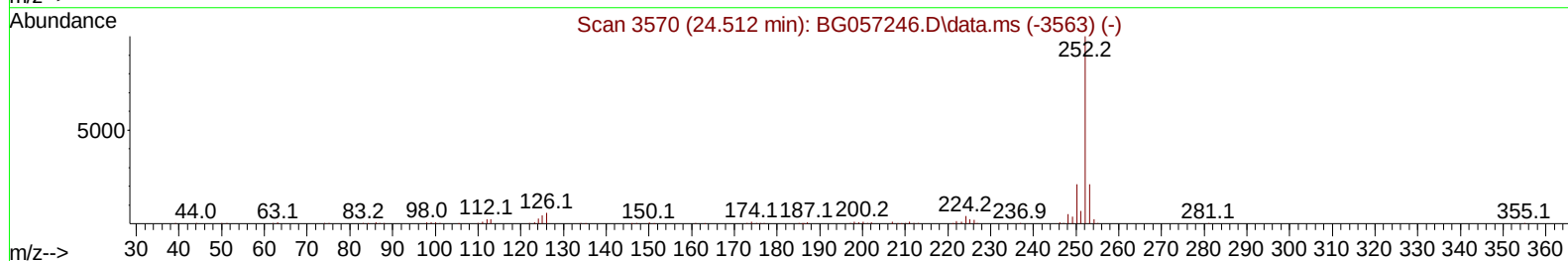
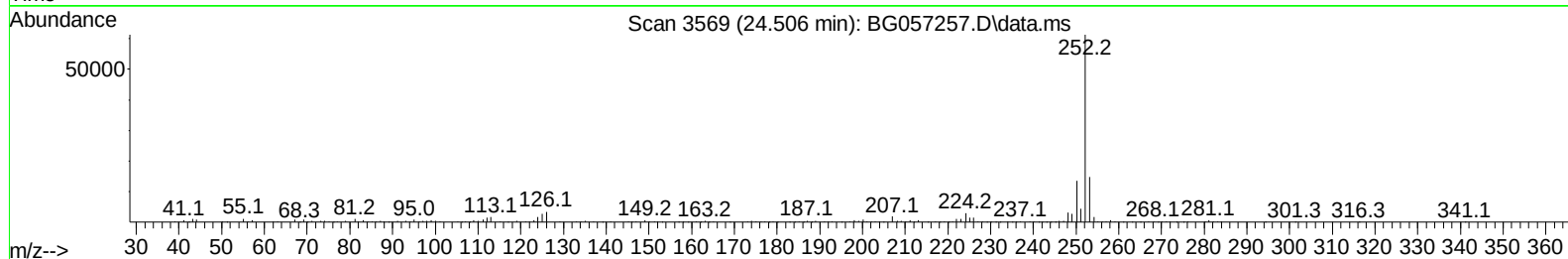
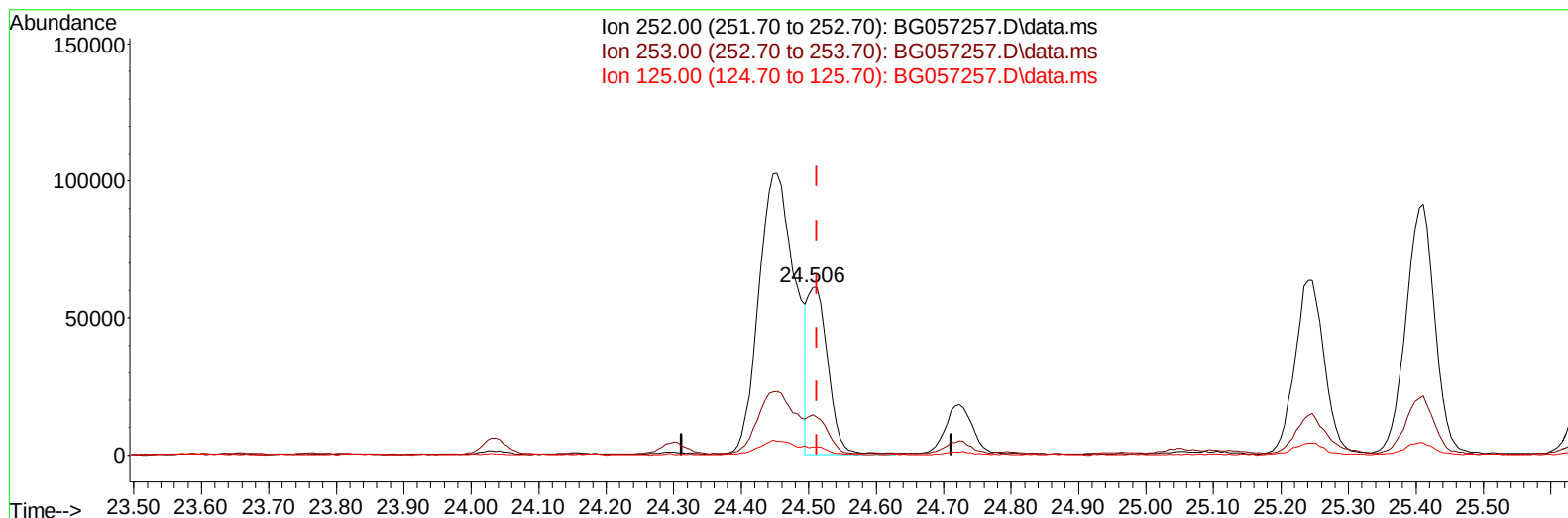
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057257.D
 Acq On : 1 May 2023 19:50
 Operator : CG/JU
 Sample : 02417-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/02/2023
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Quant Time: May 01 22:30:53 2023
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 Response via : Initial Calibration



TIC: BG057257.D\data.ms

(91) Benzo(k)fluoranthene

24.506min (-0.006) 17.69 ng/ul m

response 126844

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.19
125.00	5.60	4.80
0.00	0.00	0.00

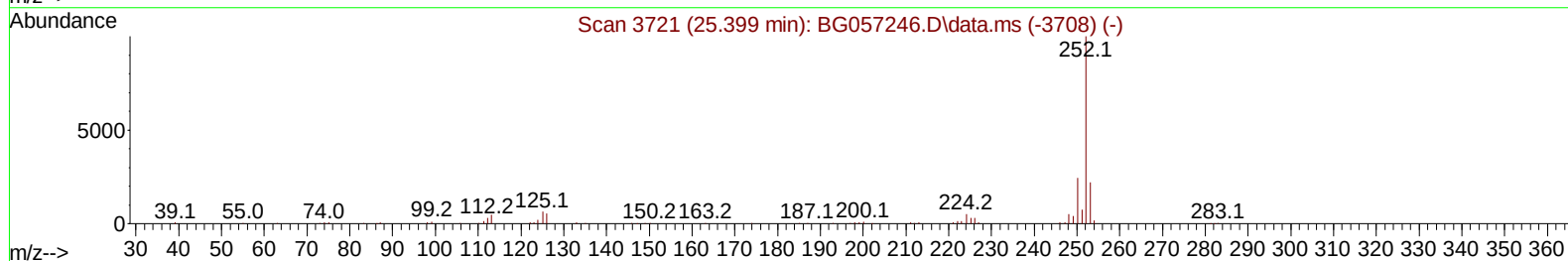
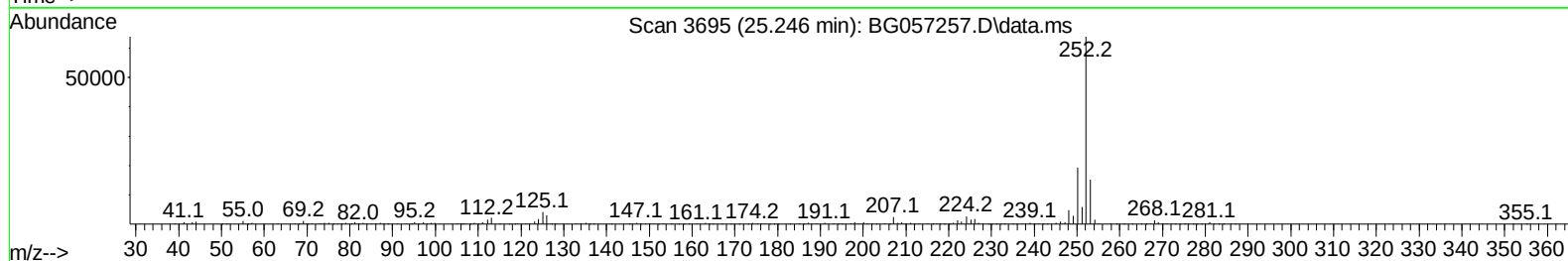
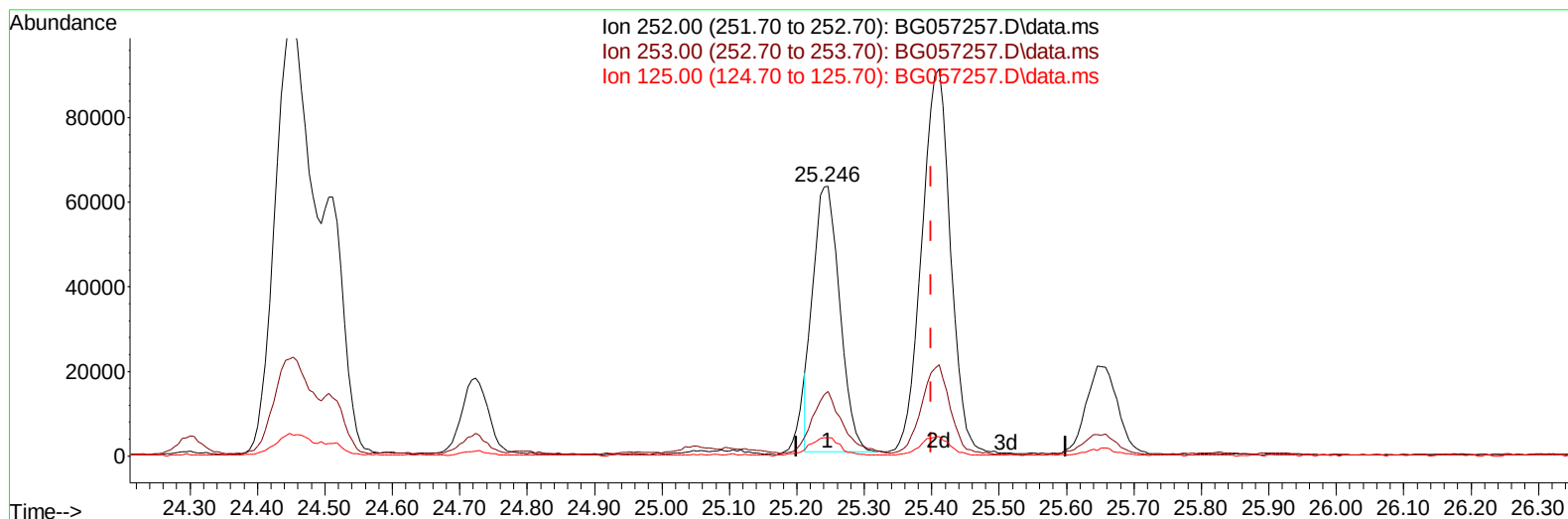
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057257.D
Acq On : 1 May 2023 19:50
Operator : CG/JU
Sample : 02417-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y1

Manual IntegrationsAPPROVED

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TIC: BG057257.D\data.ms

(93) Benzo(a)pyrene (C)

25.246min (-0.153) 27.29 ng/u1

response 173623

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.93
125.00	6.40	6.73
0.00	0.00	0.00

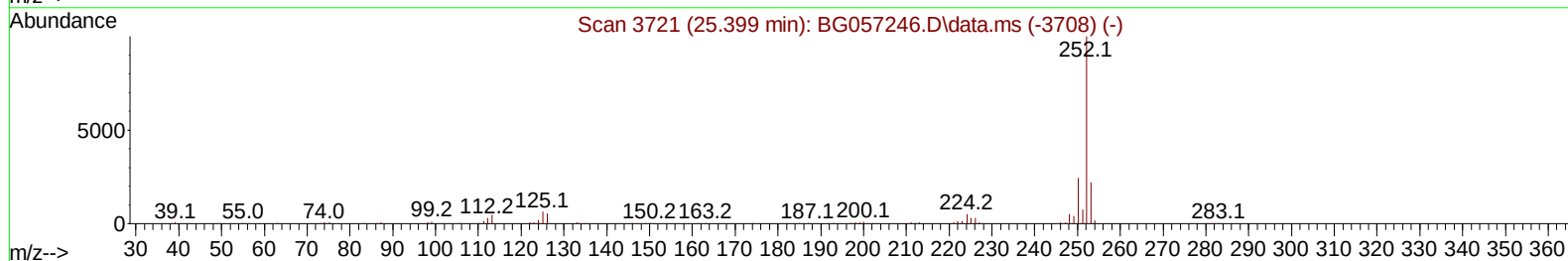
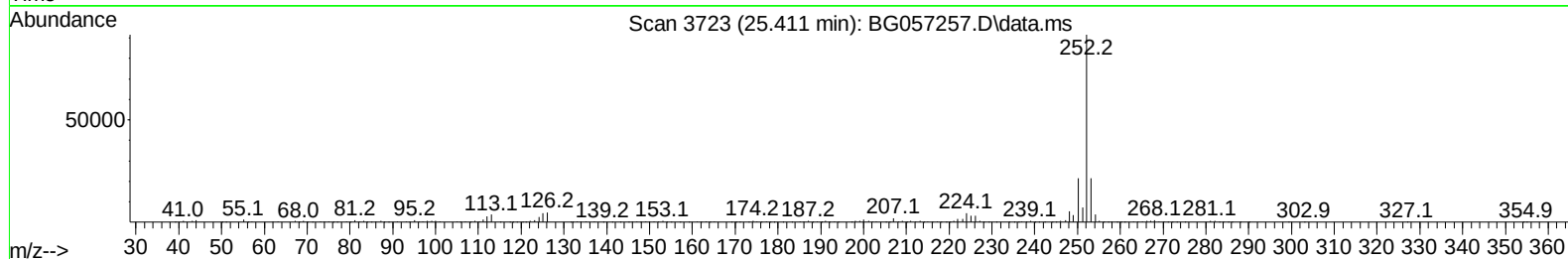
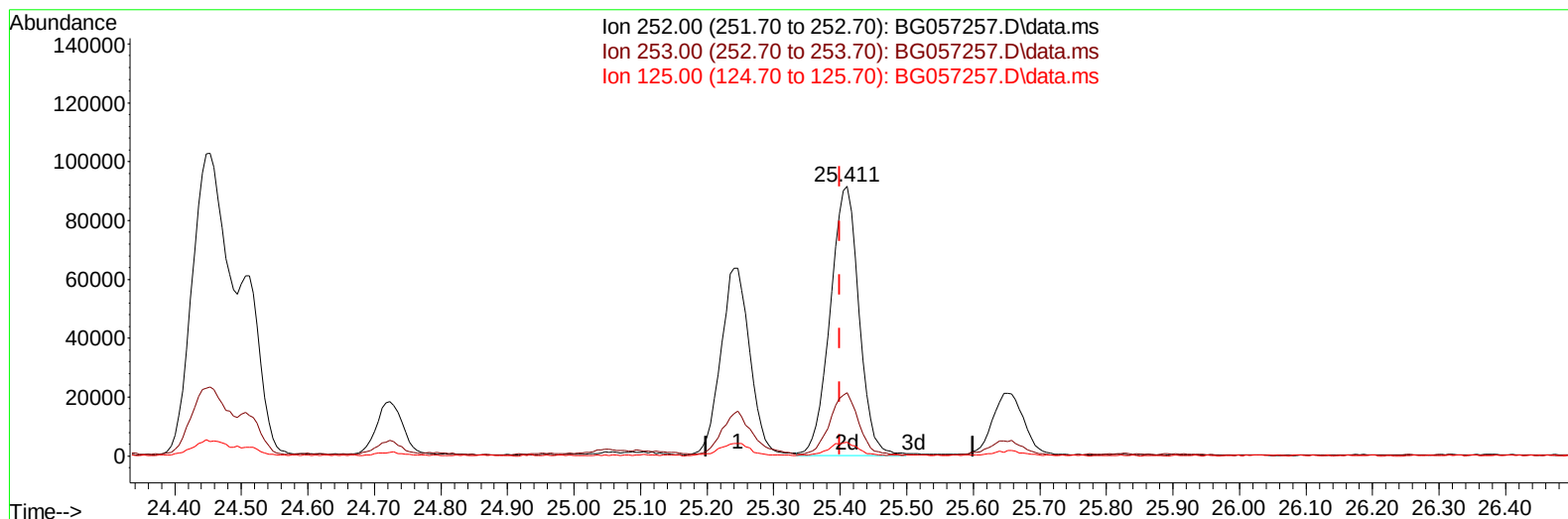
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057257.D
Acq On : 1 May 2023 19:50
Operator : CG/JU
Sample : 02417-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y1

Manual IntegrationsAPPROVED

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Quant Time: May 01 22:30:53 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057257.D\data.ms

(93) Benzo(a)pyrene (C)

25.411min (+ 0.011) 43.10 ng/ul m

response 274195

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.54
125.00	6.40	5.00#
0.00	0.00	0.00

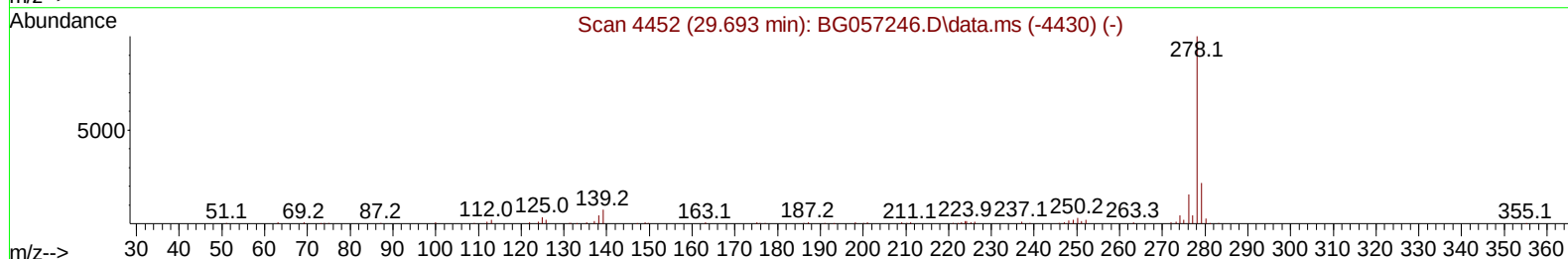
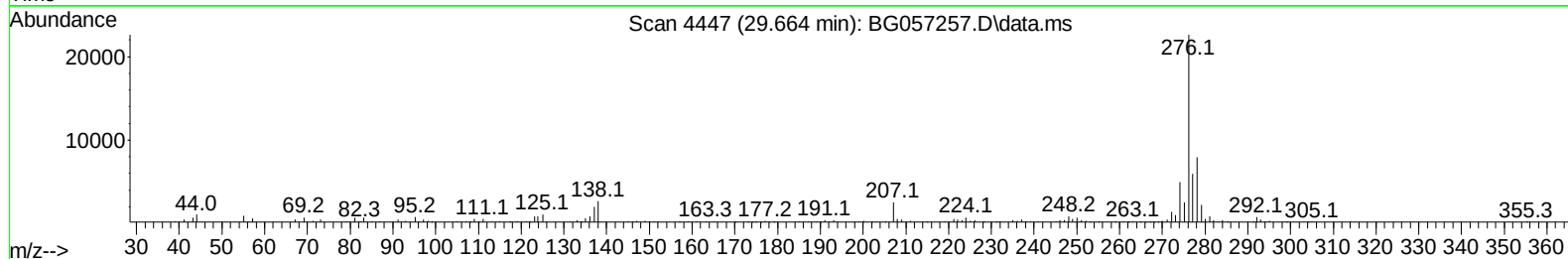
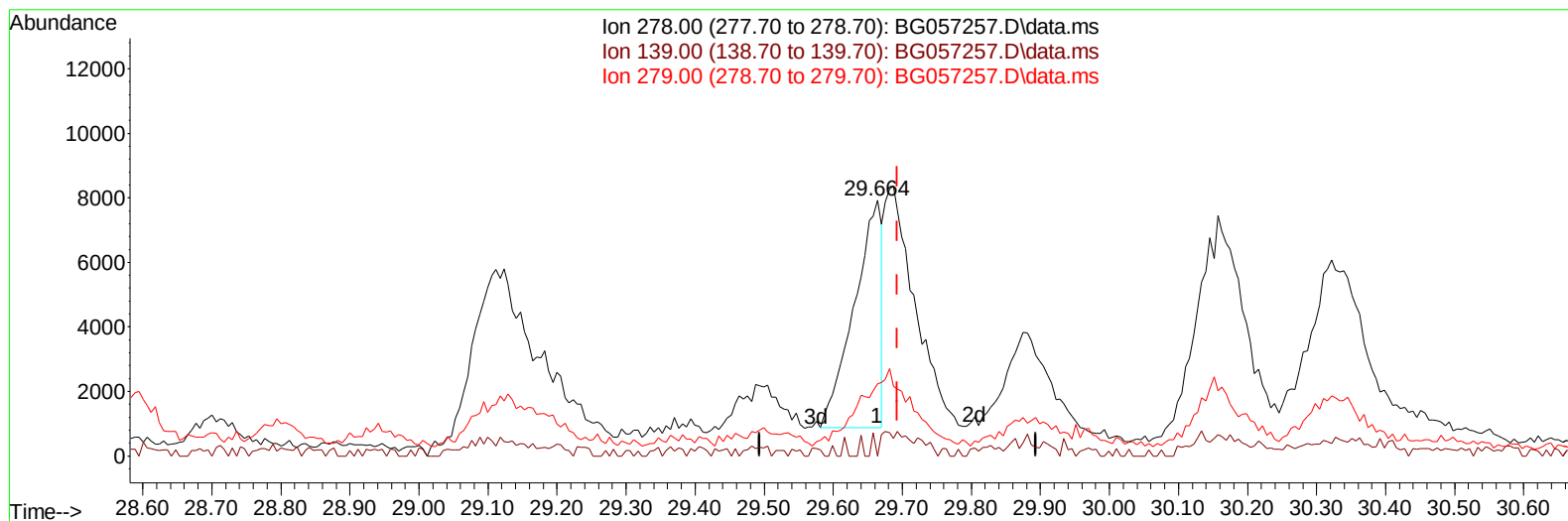
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 Acq On : 1 May 2023 19:50
 Operator : CG/JU
 Sample : 02417-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1

Manual IntegrationsAPPROVED

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TIC: BG057257.D\data.ms

(95) Dibenzo(a,h)anthracene

29.664min (-0.030) 2.96 ng/u1

response 19540

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	0.00#
279.00	22.90	28.31#
0.00	0.00	0.00

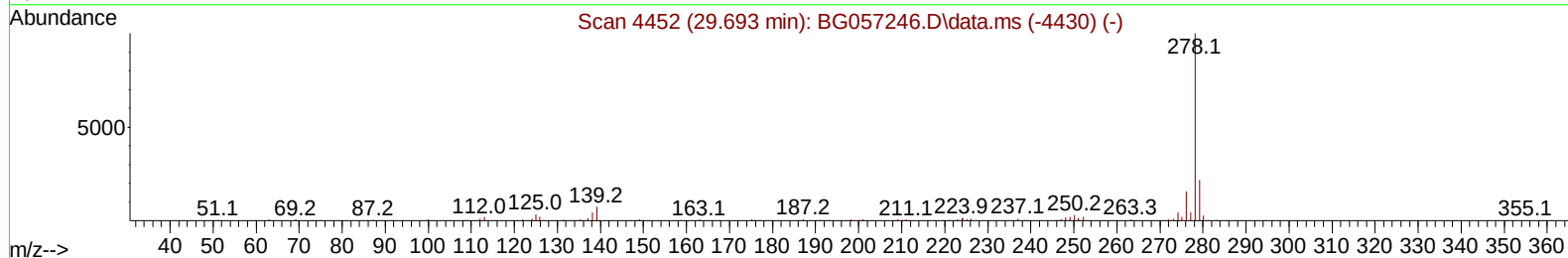
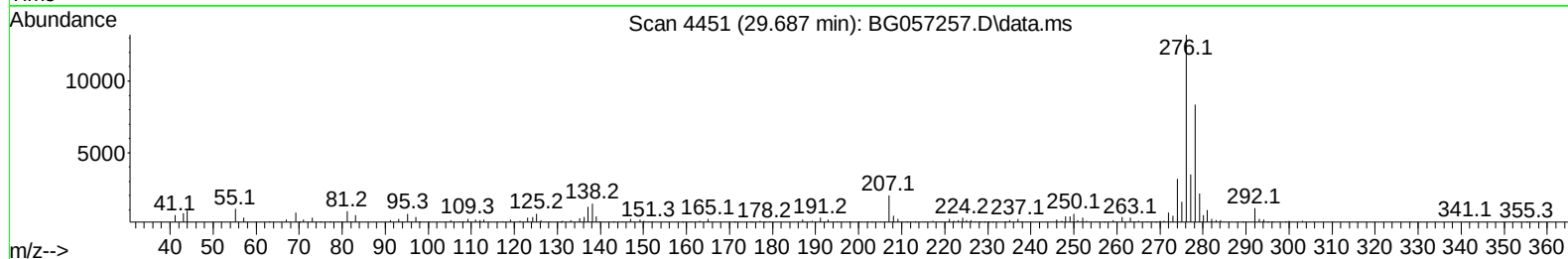
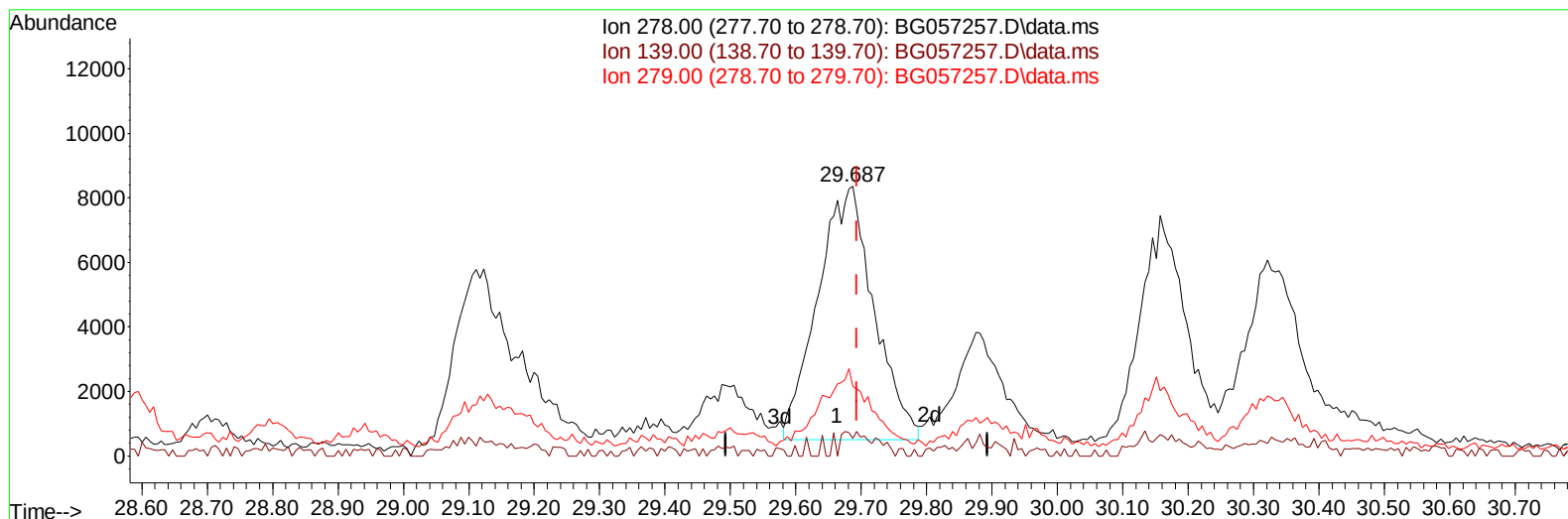
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 Data File : BG057257.D
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 Sample : 02417-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1

Manual IntegrationsAPPROVED

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TIC: BG057257.D\data.ms

(95) Dibenzo(a,h)anthracene

29.687min (-0.006) 7.11 ng/ul m

response 46862

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	6.39
279.00	22.90	25.89
0.00	0.00	0.00

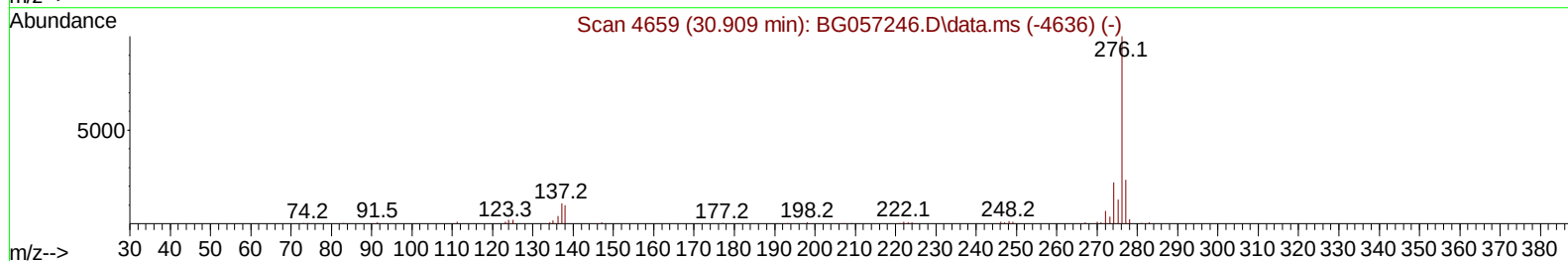
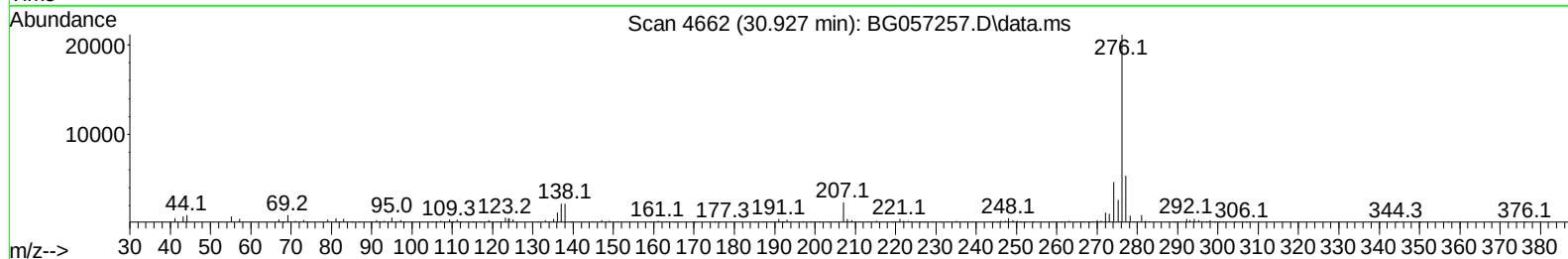
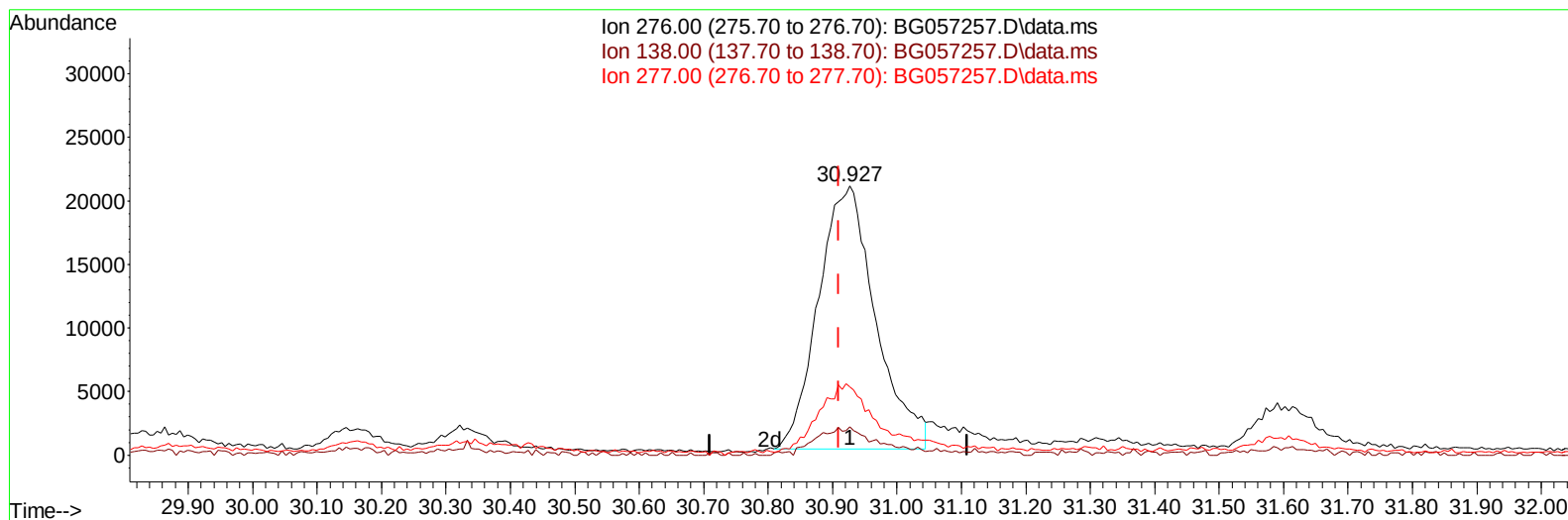
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 Data File : BG057257.D
 Acq On : 1 May 2023 19:50
 Operator : CG/JU
 Sample : 02417-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1

Manual IntegrationsAPPROVED

Quant Time: May 01 23:45:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
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TIC: BG057257.D\data.ms

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

30.927min (+ 0.017) 19.85 ng/ul

response 127714

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.62
277.00	23.00	25.26
0.00	0.00	0.00

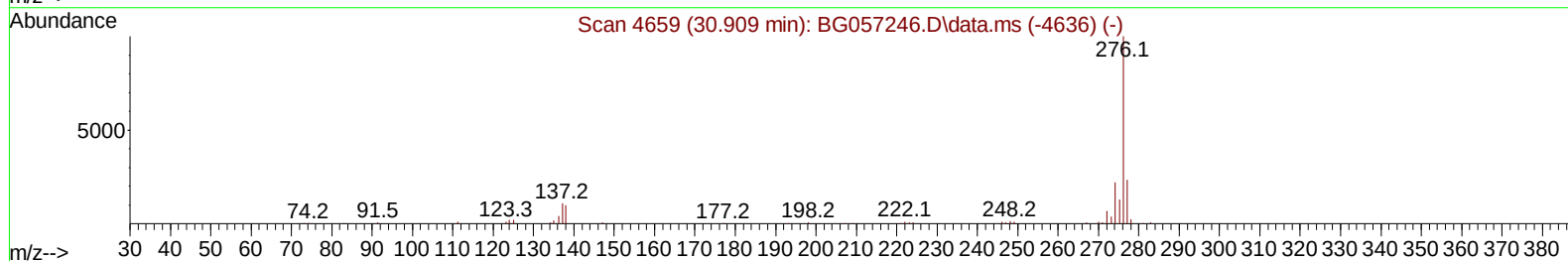
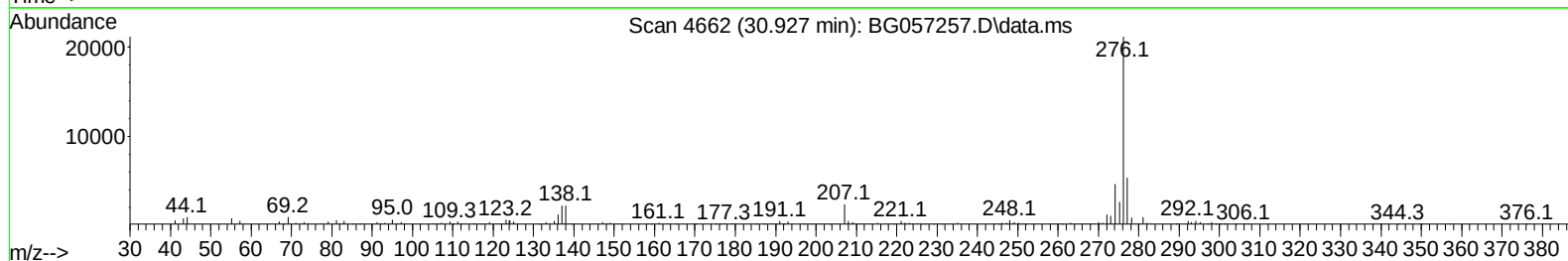
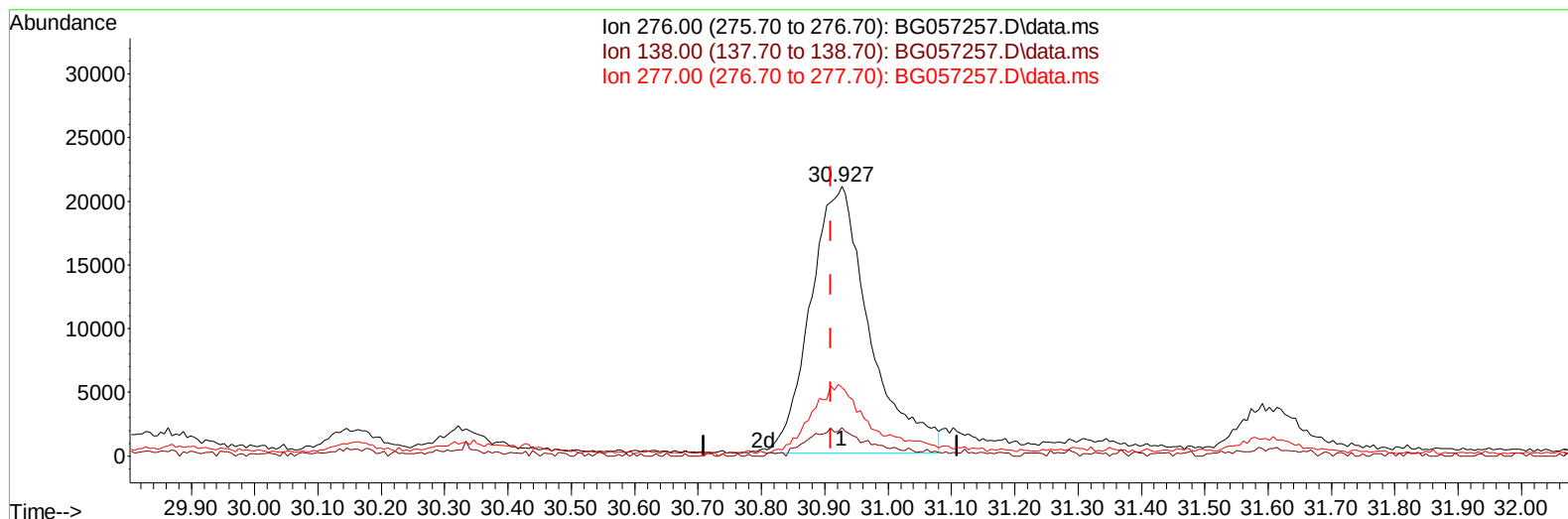
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG057257.D\data.ms

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

30.927min (+ 0.017) 21.10 ng/ul m

response 135760

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.62
277.00	23.00	25.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057257.D
 Acq On : 1 May 2023 19:50
 Operator : CG/JU
 Sample : 02417-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1

Manual IntegrationsAPPROVED

Quant Time: May 01 23:46:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	17670	20.000	ng/ul	0.00
20) Naphthalene-d8	11.218	136	72800	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.989	164	52735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.733	188	116072	20.000	ng/ul	0.00
79) Chrysene-d12	22.051	240	99006	20.000	ng/ul	# 0.00
88) Perylene-d12	25.569	264	106402	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	677	1.686	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.517	99	18139	10.855	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.682	67	11299	11.496	ng/ul	0.00
11) 2-Chlorophenol-d4	7.905	132	14045	12.754	ng/ul	0.00
15) 4-Methylphenol-d8	9.080	113	10984	8.648	ng/ul	0.00
21) Nitrobenzene-d5	9.556	128	7547	13.018	ng/ul	0.00
24) 2-Nitrophenol-d4	10.290	143	8907	13.164	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.830	165	16875	12.928	ng/ul	0.00
31) 4-Chloroaniline-d4	11.347	131	4035m	2.332	ng/ul	0.00
46) Dimethylphthalate-d6	14.379	166	57589	13.782	ng/ul	0.00
49) Acenaphthylene-d8	14.690	160	66909	14.247	ng/ul	0.00
54) 4-Nitrophenol-d4	15.183	143	3979	6.542	ng/ul	0.00
60) Fluorene-d10	15.976	176	52818	13.569	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.088	200	4648	6.759	ng/ul	0.00
73) Anthracene-d10	17.833	188	76872	14.509	ng/ul	0.00
81) Pyrene-d10	20.094	212	90117	15.335	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.328	264	81618	15.056	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.570	94	17610m	10.456	ng/ul	
16) Acetophenone	9.209	105	6033	2.761	ng/ul	92
30) Naphthalene	11.271	128	7465	1.868	ng/ul#	94
36) 2-Methylnaphthalene	12.845	142	5266	1.796	ng/ul	90
37) 1-Methylnaphthalene	13.063	142	5223	1.772	ng/ul#	92
52) Acenaphthene	15.054	153	9586	2.819	ng/ul	94
56) Dibenzofuran	15.383	168	10056	2.048	ng/ul	96
61) Fluorene	16.029	166	16530	3.981	ng/ul	99
72) Phenanthrene	17.774	178	312163	51.644	ng/ul	98
74) Anthracene	17.862	178	62023	10.215	ng/ul	99
77) Carbazole	18.126	167	21786	4.294	ng/ul	98
80) Fluoranthene	19.765	202	610671	87.478	ng/ul	97
82) Pyrene	20.130	202	566139	80.111	ng/ul	97
85) Benzo(a)anthracene	22.027	228	320091	45.713	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.868	149	10383	3.154	ng/ul#	97
87) Chrysene	22.097	228	299065	45.269	ng/ul	96
90) Benzo(b)fluoranthene	24.453	252	384335	52.161	ng/ul	96
91) Benzo(k)fluoranthene	24.506	252	126844m	17.695	ng/ul	
93) Benzo(a)pyrene	25.411	252	274195m	43.104	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.634	276	166496m	20.938	ng/ul	
95) Dibenzo(a,h)anthracene	29.687	278	46862m	7.107	ng/ul	
96) Benzo(g,h,i)perylene	30.927	276	135760m	21.096	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057257.D
 Acq On : 1 May 2023 19:50
 Operator : CG/JU
 Sample : 02417-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y1

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

Quant Time: May 01 23:46:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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