

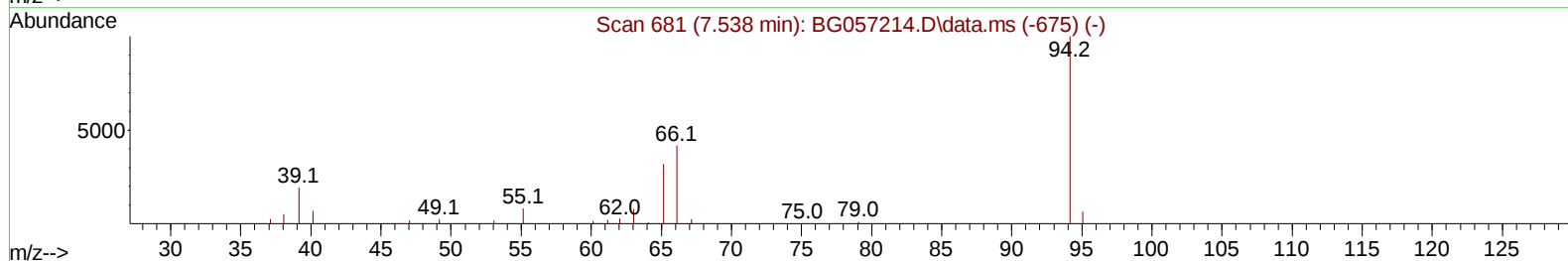
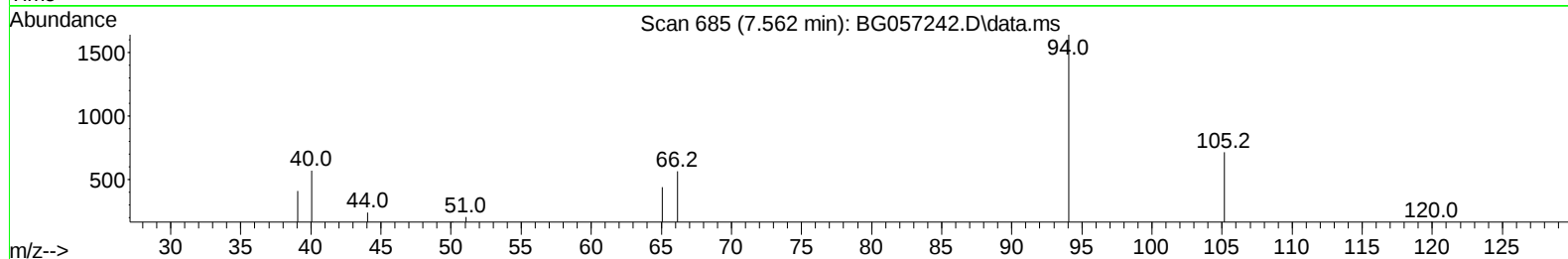
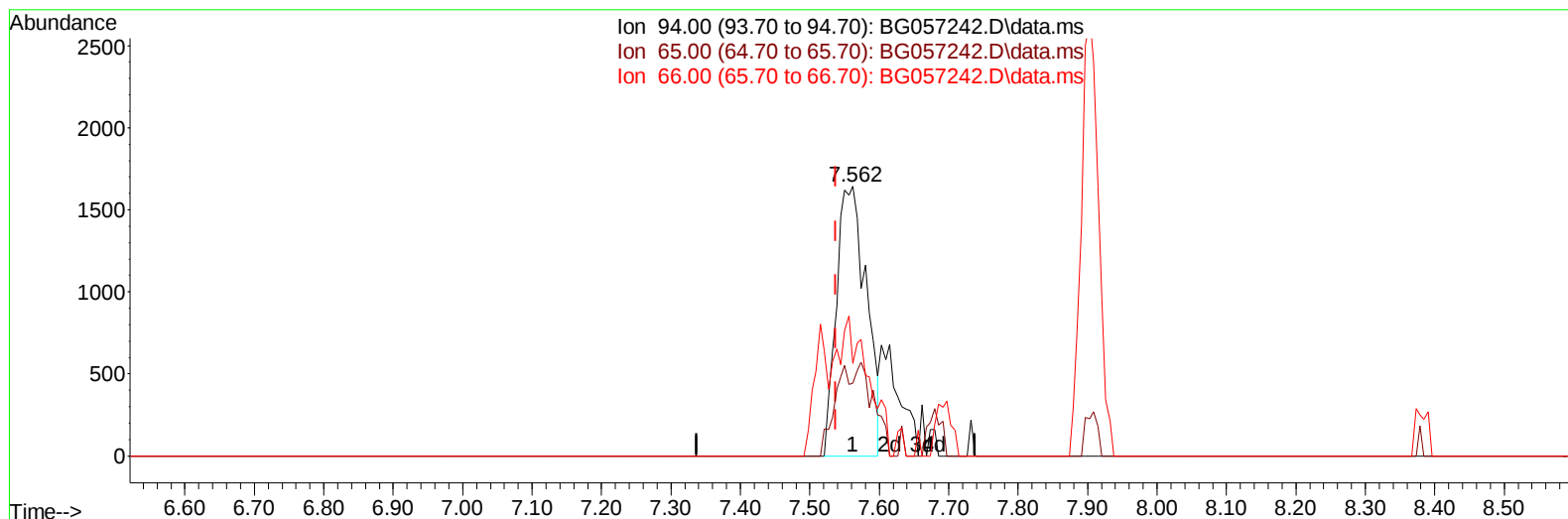
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057242.D
 Acq On : 29 Apr 2023 8:36
 Operator : CG/JU
 Sample : 02417-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y0

Manual IntegrationsAPPROVED

Quant Time: May 01 00:29:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



TIC: BG057242.D\data.ms

(8) Phenol

7.562min (+ 0.024) 3.54 ng/u1

response 4907

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	26.98
66.00	46.10	34.35#
0.00	0.00	0.00

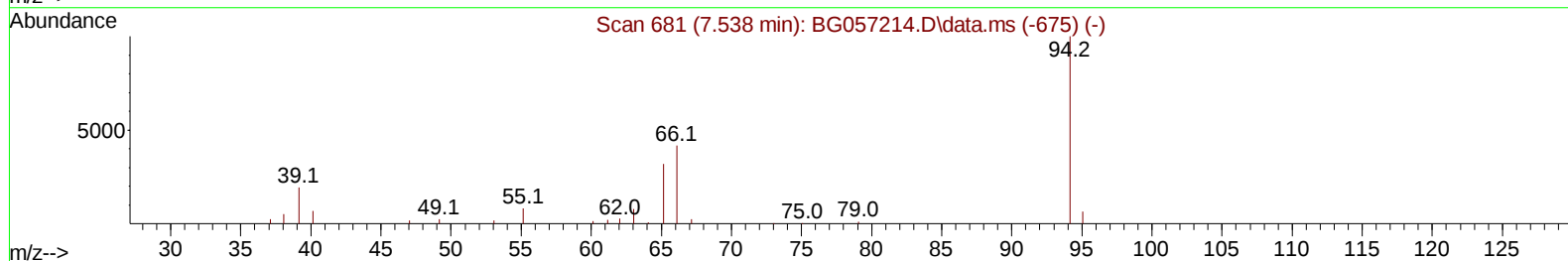
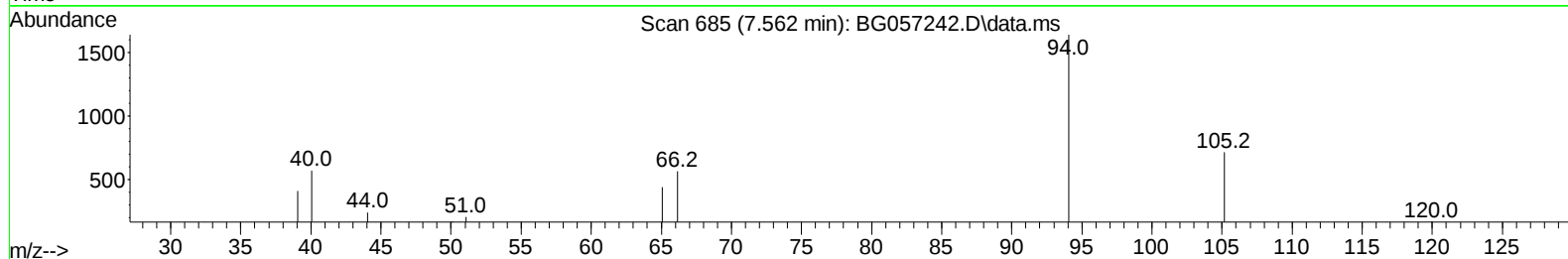
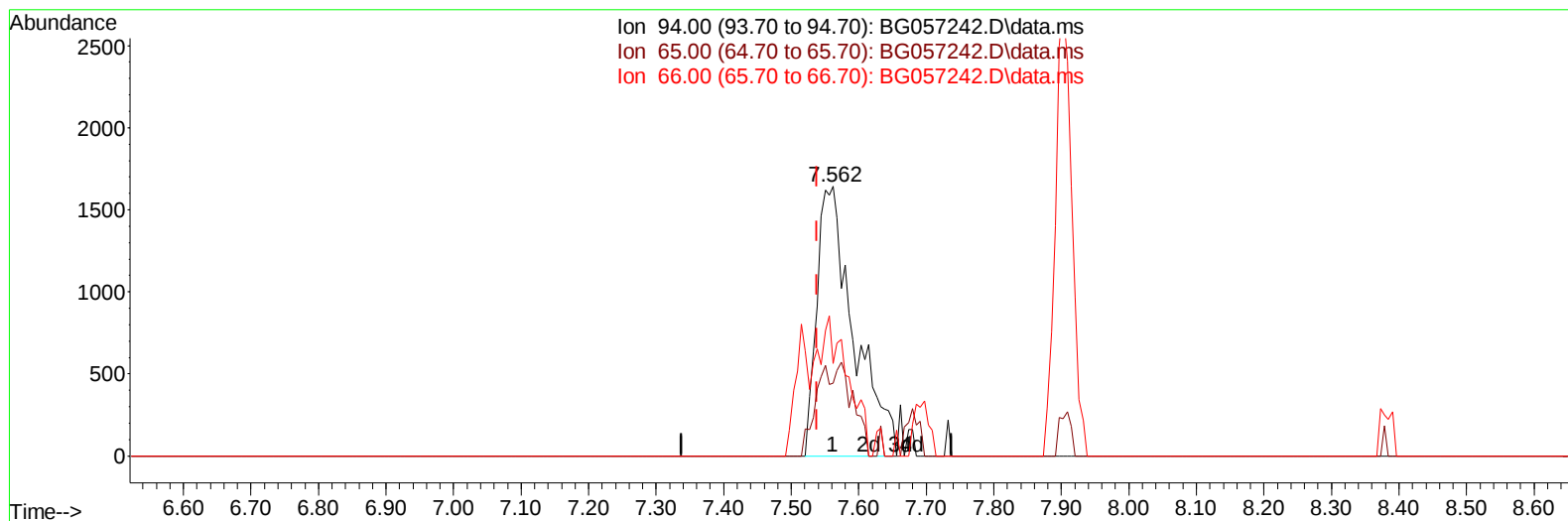
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Manual IntegrationsAPPROVED

Quant Time: May 01 00:29:59 2023
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TIC: BG057242.D\data.ms

(8) Phenol

7.562min (+ 0.024) 4.51 ng/ul m

response 6247

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	26.98
66.00	46.10	34.35#
0.00	0.00	0.00

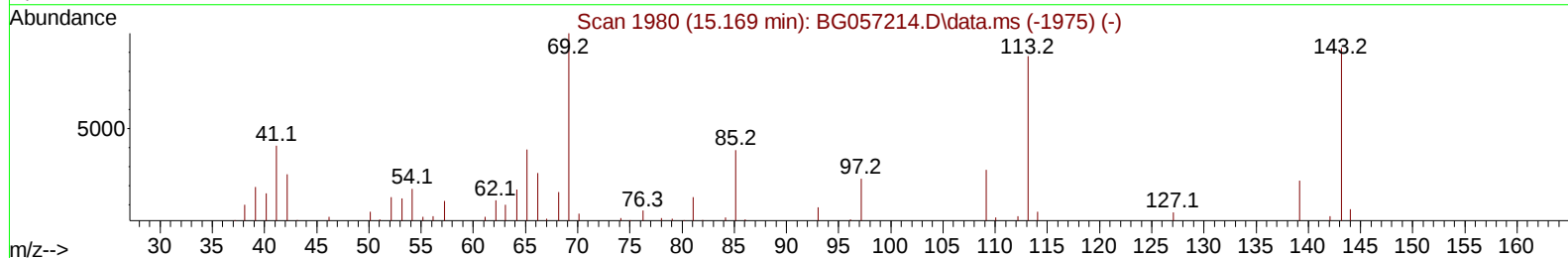
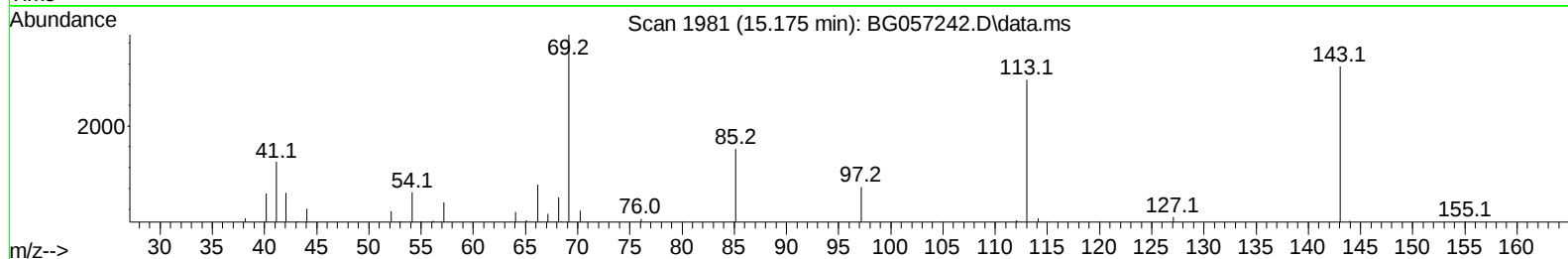
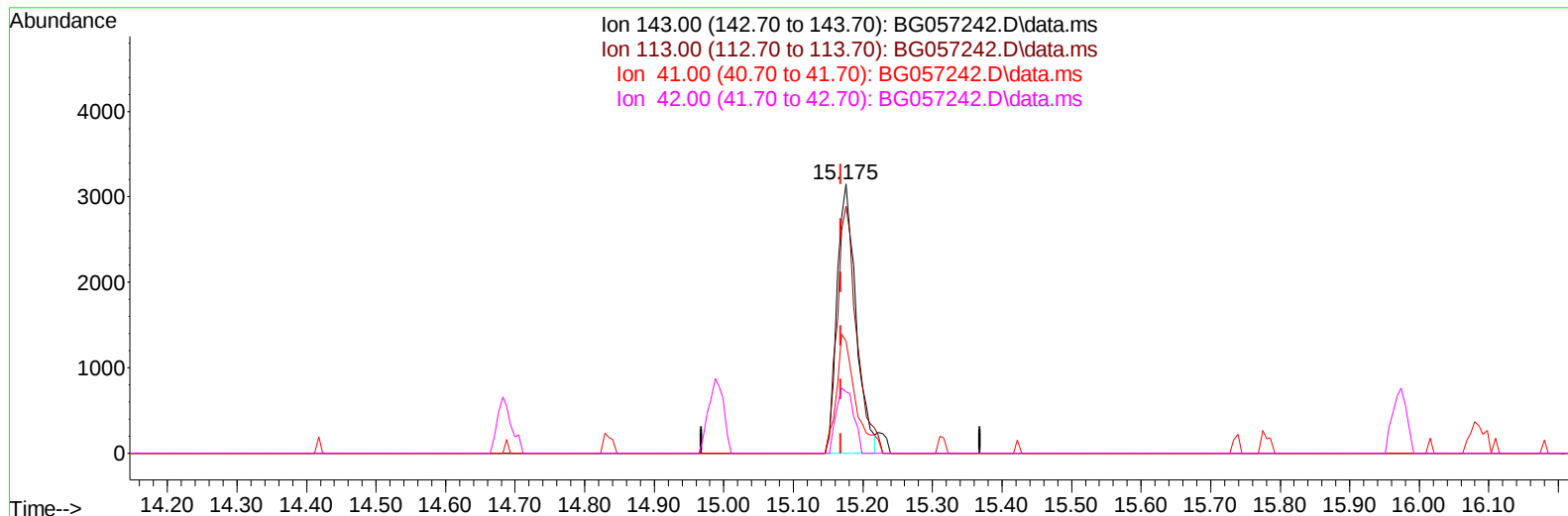
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TIC: BG057242.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.175min (+ 0.007) 11.02 ng/u1

response 5958

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	91.90
41.00	44.40	41.66
42.00	28.40	22.83

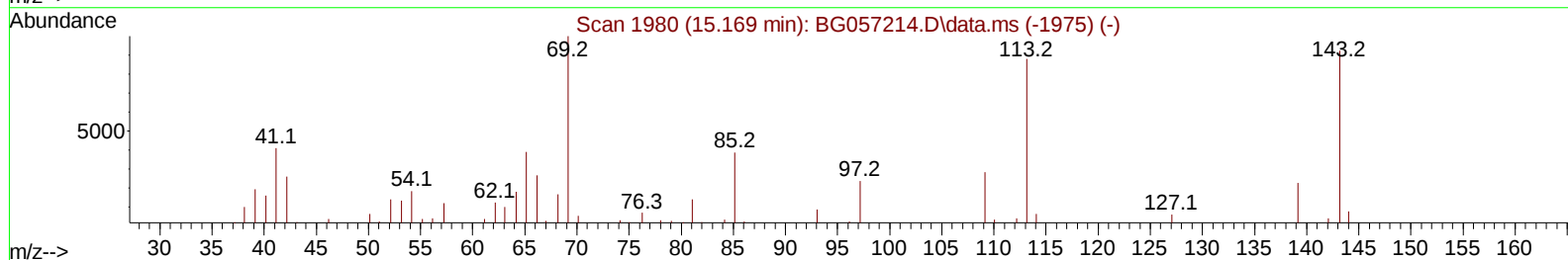
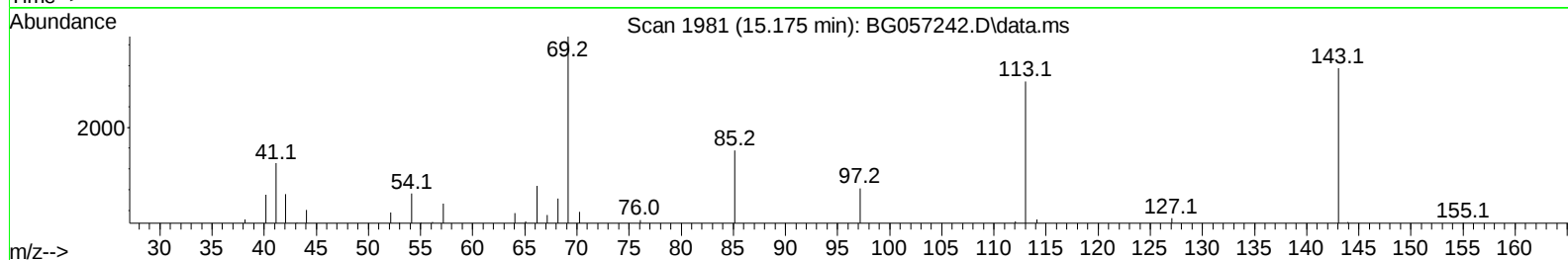
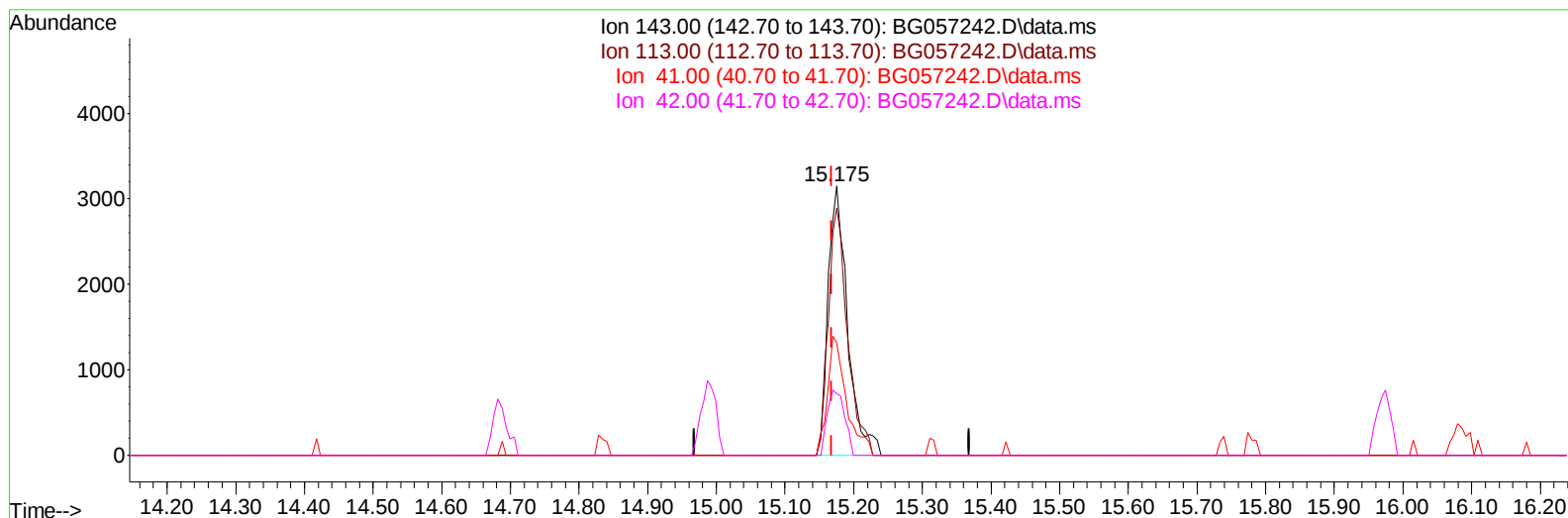
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057242.D
Acq On : 29 Apr 2023 8:36
Operator : CG/JU
Sample : 02417-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG057242.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.175min (+ 0.007) 11.44 ng/ul m

response 6184

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	91.90
41.00	44.40	41.66
42.00	28.40	22.83

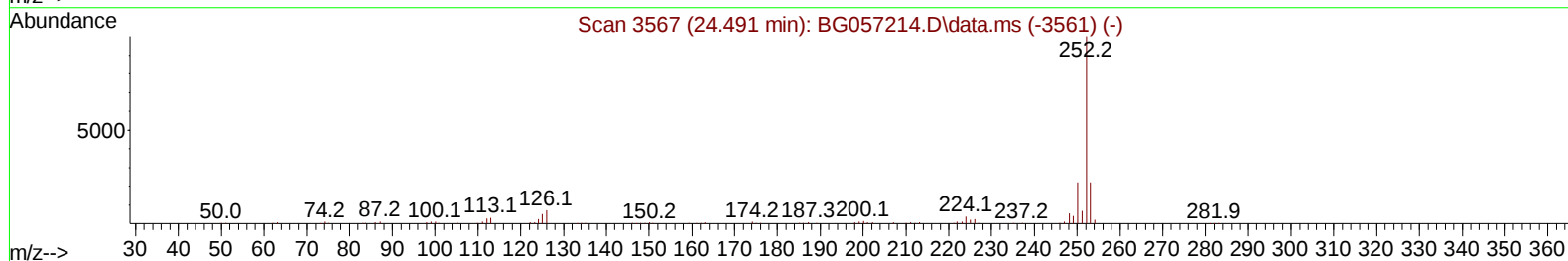
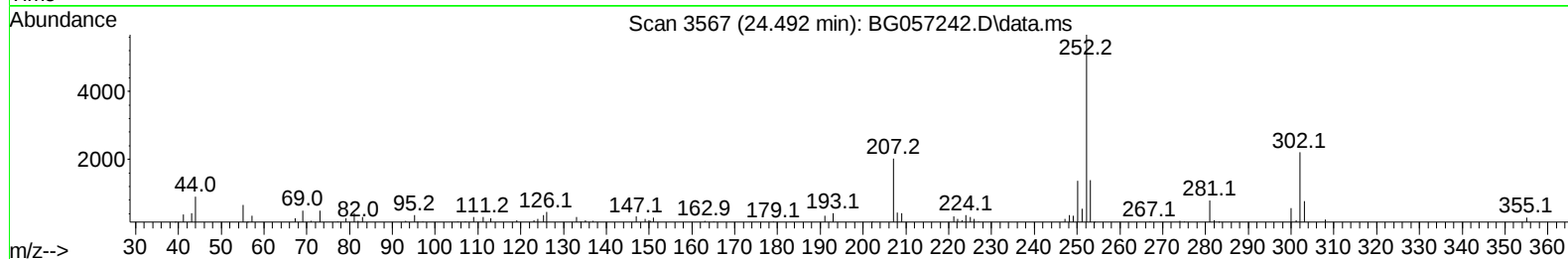
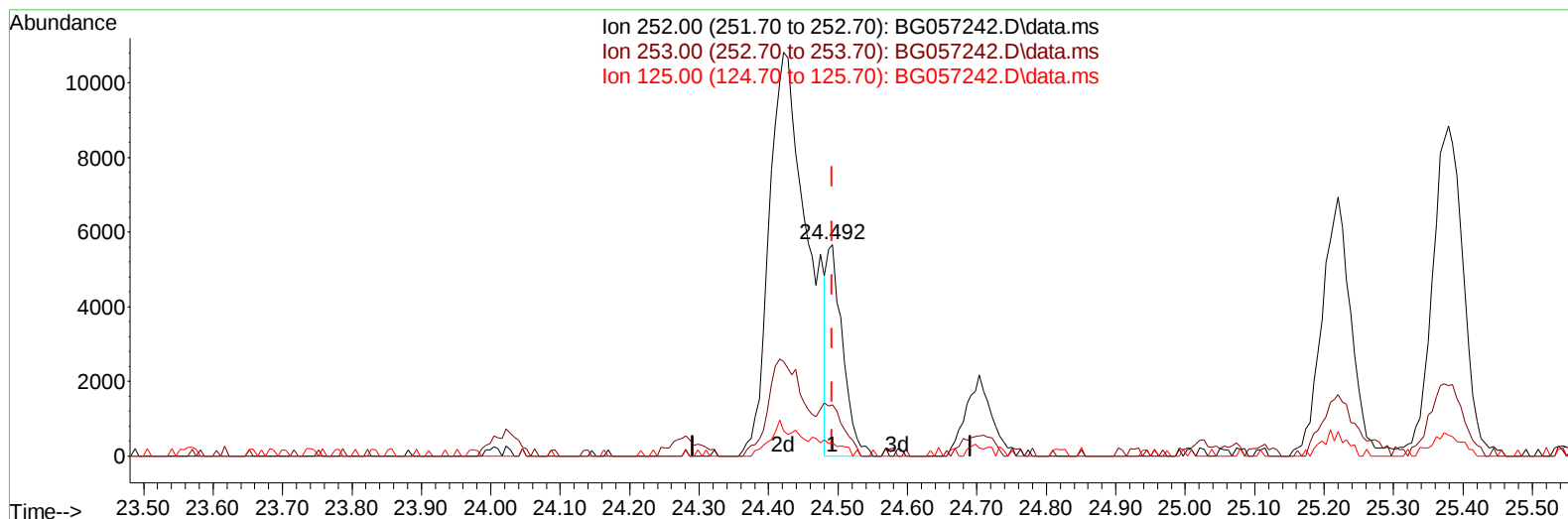
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 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual IntegrationsAPPROVED

Quant Time: May 01 00:51:15 2023
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TIC: BG057242.D\data.ms

(91) Benzo(k)fluoranthene

24.492min (+ 0.001) 1.21 ng/u1

response 8836

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.29
125.00	5.60	6.17
0.00	0.00	0.00

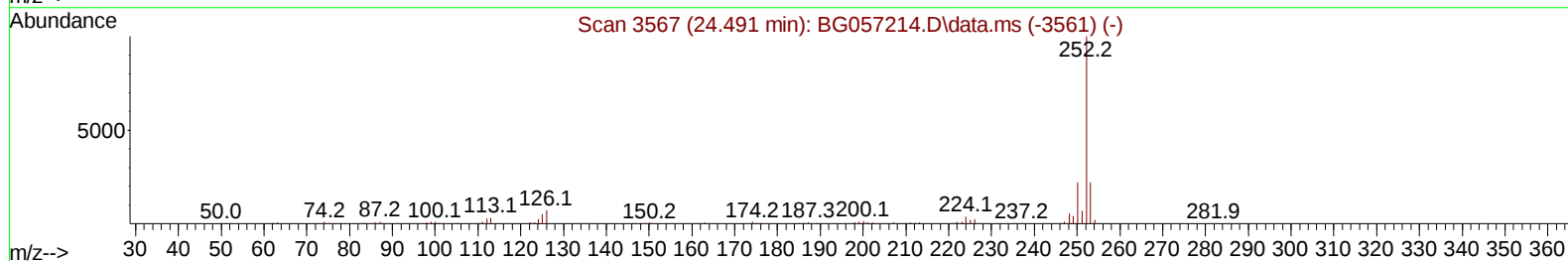
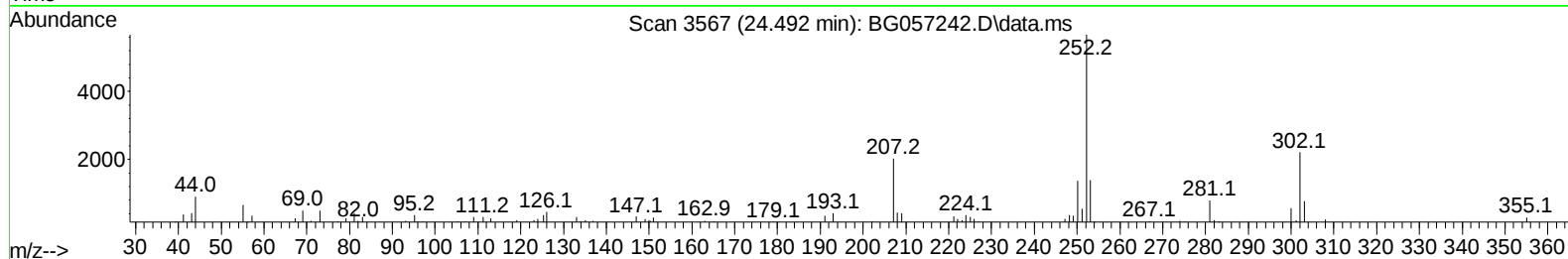
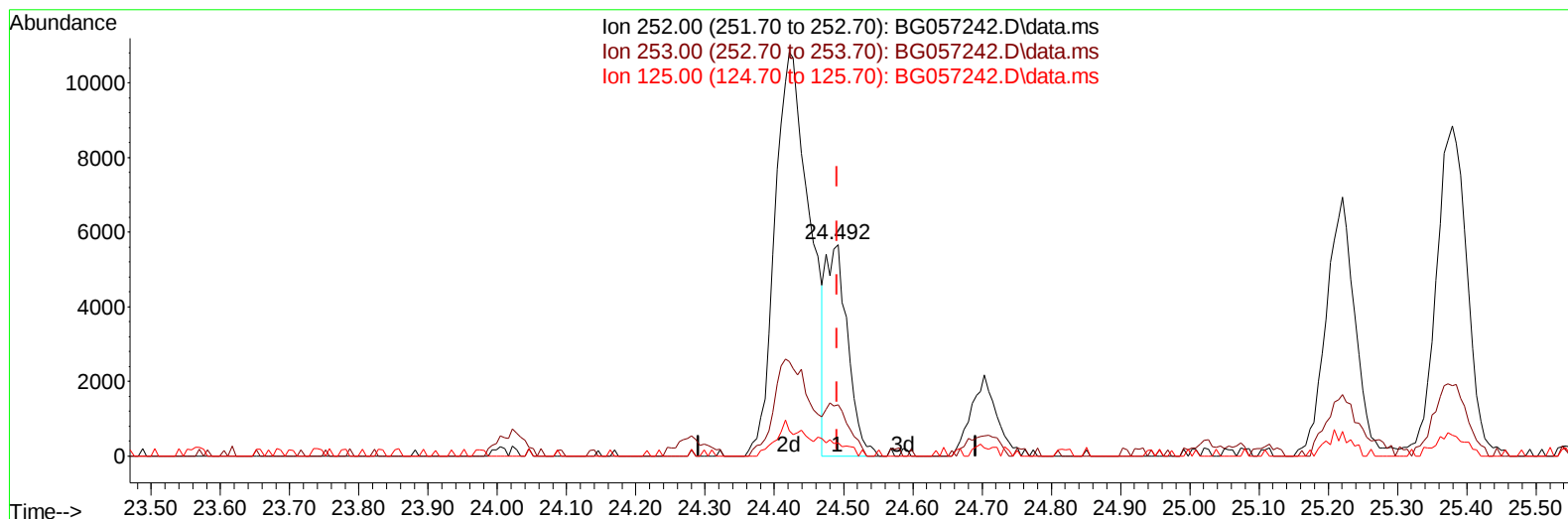
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057242.D
Acq On : 29 Apr 2023 8:36
Operator : CG/JU
Sample : 02417-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y0

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:51:15 2023
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG057242.D\data.ms

(91) Benzo(k)fluoranthene

24.492min (+ 0.001) 1.71 ng/u1 m

response 12446

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.29
125.00	5.60	6.17
0.00	0.00	0.00

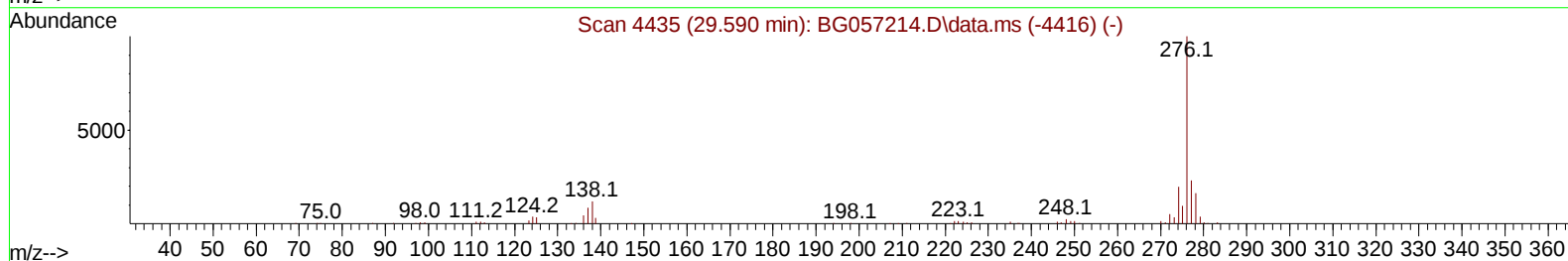
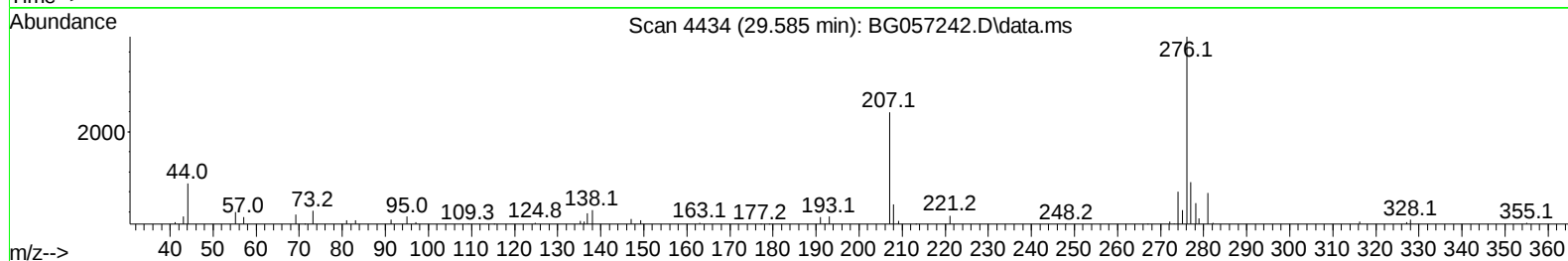
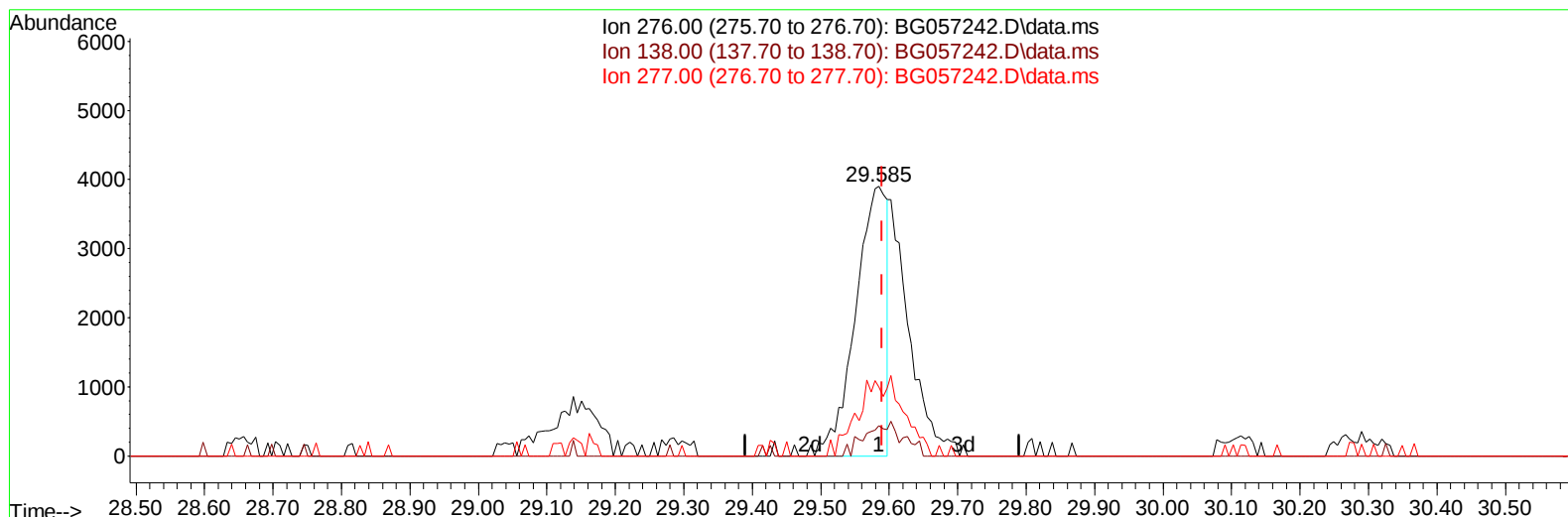
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 Acq On : 29 Apr 2023 8:36
 Operator : CG/JU
 Sample : 02417-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y0

Manual IntegrationsAPPROVED

Quant Time: May 01 00:51:15 2023
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TIC: BG057242.D\data.ms

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

29.585min (-0.005) 1.54 ng/u1

response 12448

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	11.13
277.00	23.30	25.56
0.00	0.00	0.00

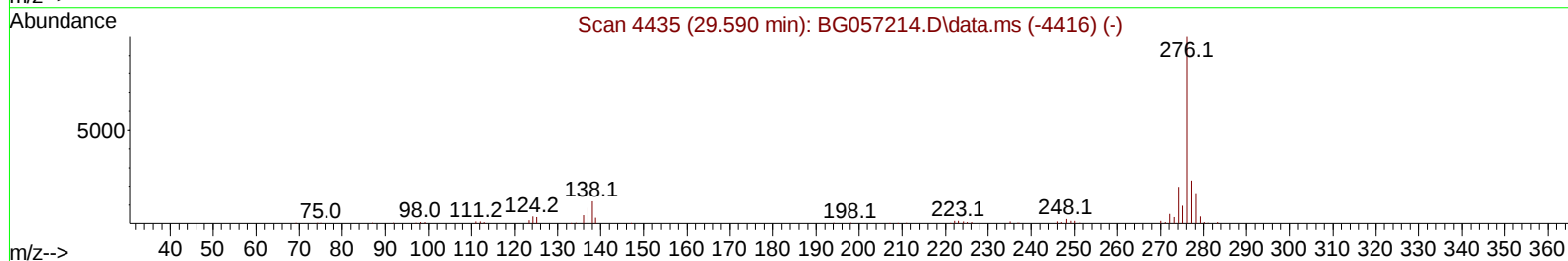
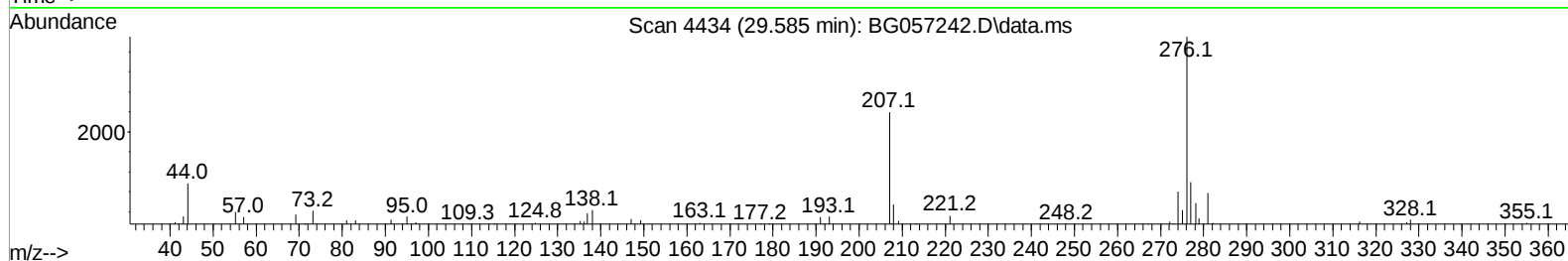
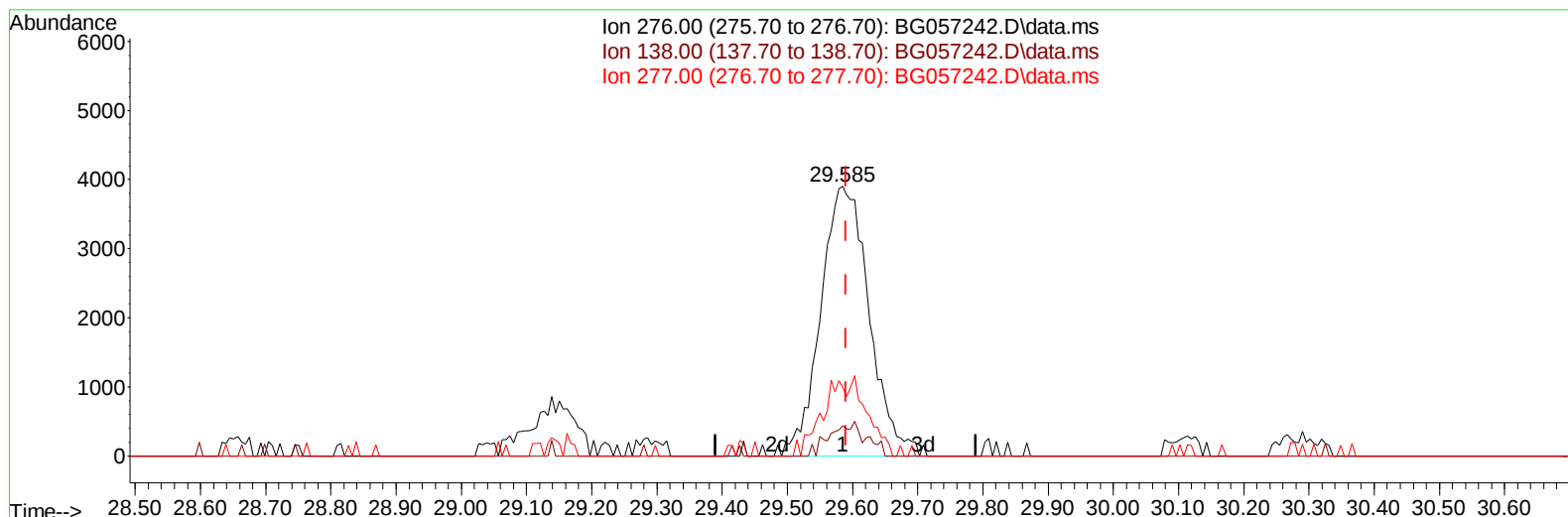
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 Data File : BG057242.D
 Acq On : 29 Apr 2023 8:36
 Operator : CG/JU
 Sample : 02417-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y0

Manual IntegrationsAPPROVED

Quant Time: May 01 00:51:15 2023
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TIC: BG057242.D\data.ms

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

29.585min (-0.005) 2.47 ng/ul m

response 20005

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	11.13
277.00	23.30	25.56
0.00	0.00	0.00

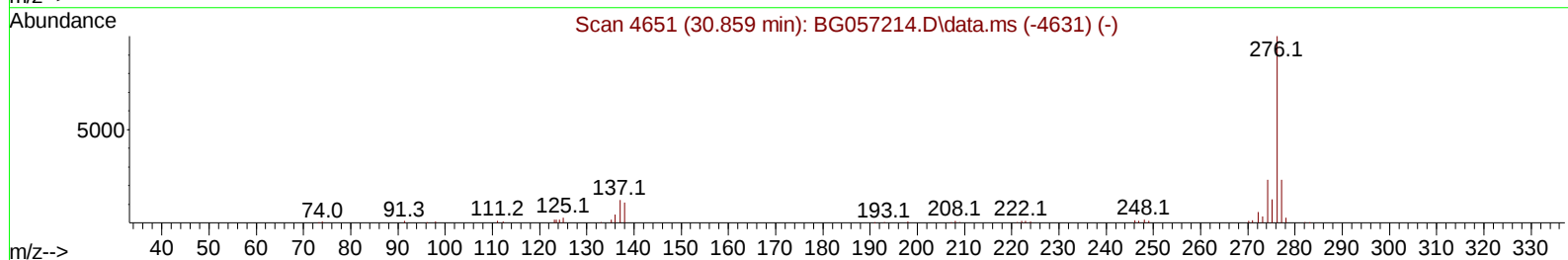
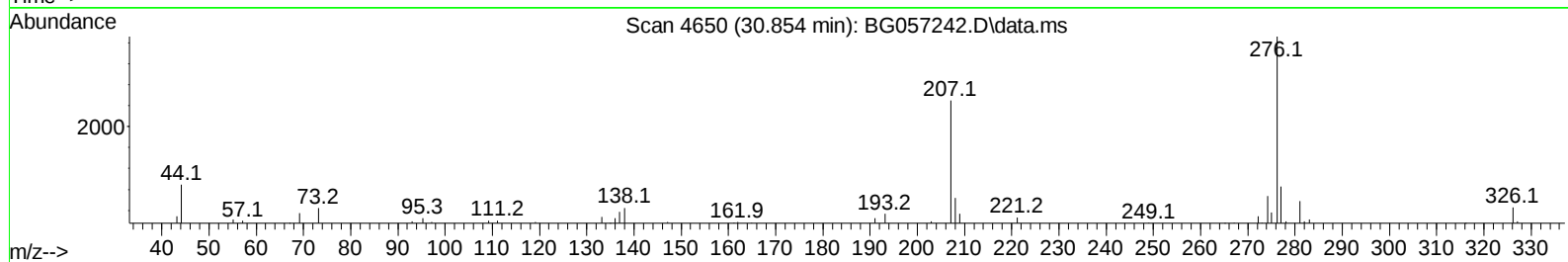
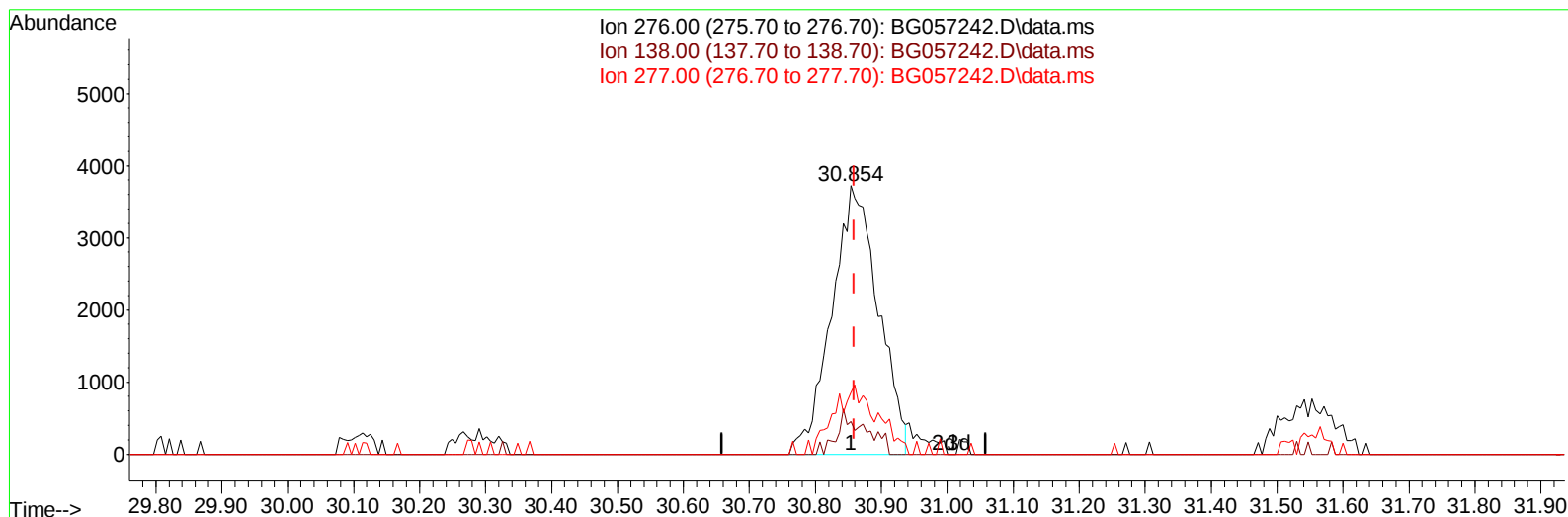
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG057242.D\data.ms

(96) Benzo(g,h,i)perylene**30.854min (-0.005) 2.79 ng/u1****response 18243**

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.06
277.00	23.00	23.05
0.00	0.00	0.00

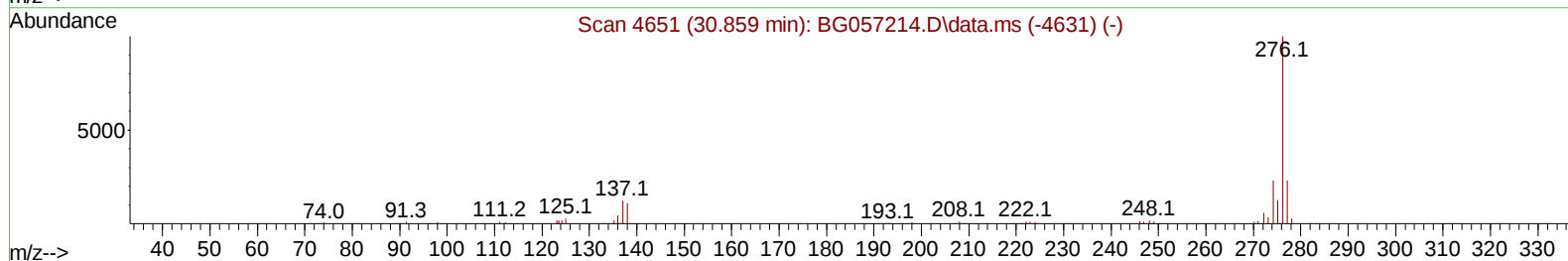
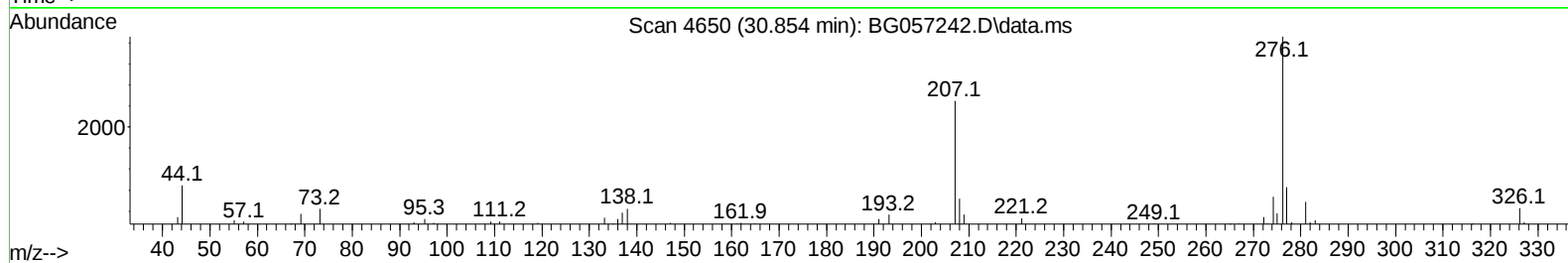
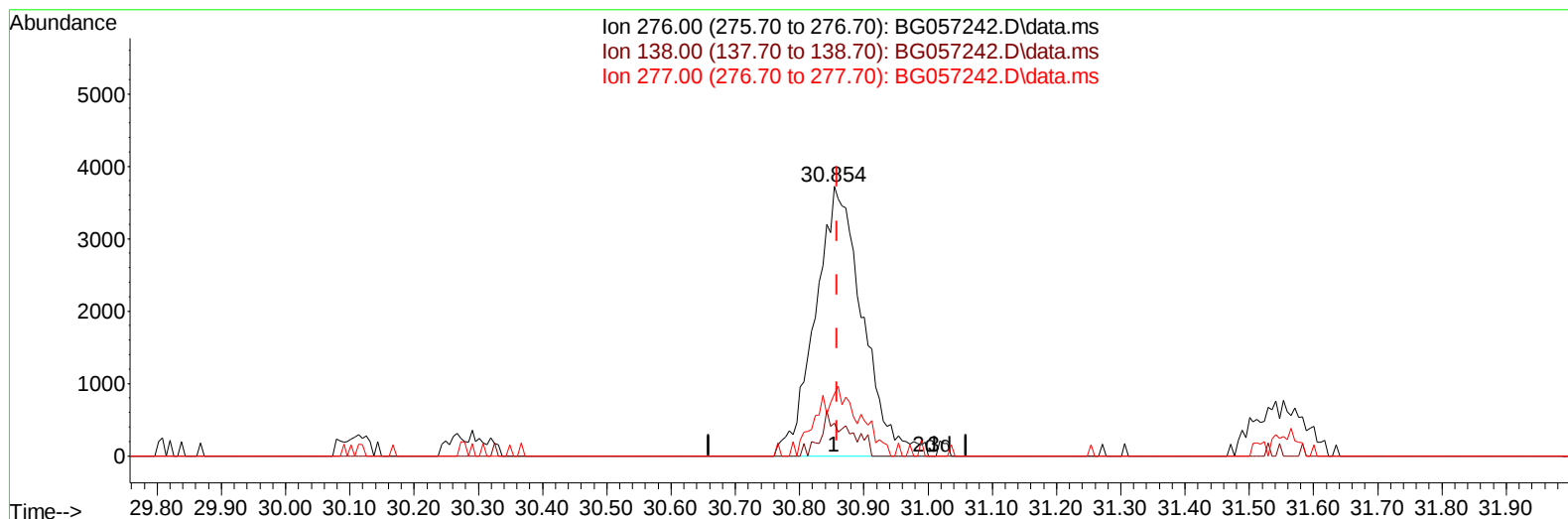
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Manual IntegrationsAPPROVED

Quant Time: May 01 00:51:15 2023
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TIC: BG057242.D\data.ms

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

30.854min (-0.005) 2.91 ng/ul m

response 19024

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.06
277.00	23.00	23.05
0.00	0.00	0.00

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 EW8Y0

Manual IntegrationsAPPROVED

Quant Time: May 01 00:52:18 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	14542	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	59485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.987	164	46863	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.725	188	117091	20.000	ng/ul	0.00
79) Chrysene-d12	22.037	240	104850	20.000	ng/ul	# 0.00
88) Perylene-d12	25.544	264	108173	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	604	1.828	ng/uL	0.00
4) Pyridine-d5	0.000	84	0	0.000	ng/ul	
7) Phenol-d5	7.515	99	16591	12.064	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	11066	13.681	ng/ul	0.00
11) 2-Chlorophenol-d4	7.909	132	13179	14.542	ng/ul	0.00
15) 4-Methylphenol-d8	9.078	113	10649	10.188	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	6918	14.604	ng/ul	0.00
24) 2-Nitrophenol-d4	10.288	143	8514	15.400	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	15738	14.755	ng/ul	0.00
31) 4-Chloroaniline-d4	11.339	131	10414	7.367	ng/ul	0.00
46) Dimethylphthalate-d6	14.370	166	56912	15.327	ng/ul	0.00
49) Acenaphthylene-d8	14.688	160	65199	15.622	ng/ul	0.00
54) 4-Nitrophenol-d4	15.175	143	6184m	11.441	ng/ul	0.00
60) Fluorene-d10	15.974	176	53585	15.491	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.086	200	7691	11.086	ng/ul	0.00
73) Anthracene-d10	17.825	188	87680	16.405	ng/ul	0.00
81) Pyrene-d10	20.092	212	107015	17.195	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.303	264	93815	17.023	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.562	94	6247m	4.507	ng/ul	
16) Acetophenone	9.207	105	7419	4.125	ng/ul	88
72) Phenanthrene	17.766	178	22099	3.624	ng/ul	96
80) Fluoranthene	19.757	202	49714	6.725	ng/ul	99
82) Pyrene	20.122	202	48705	6.508	ng/ul#	95
85) Benzo(a)anthracene	22.013	228	26875	3.624	ng/ul	96
87) Chrysene	22.084	228	26507	3.789	ng/ul	97
90) Benzo(b)fluoranthene	24.422	252	37714	5.035	ng/ul	96
91) Benzo(k)fluoranthene	24.492	252	12446m	1.708	ng/ul	
93) Benzo(a)pyrene	25.379	252	27376	4.233	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.585	276	20005m	2.475	ng/ul	
96) Benzo(g,h,i)perylene	30.854	276	19024m	2.908	ng/ul	

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

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