

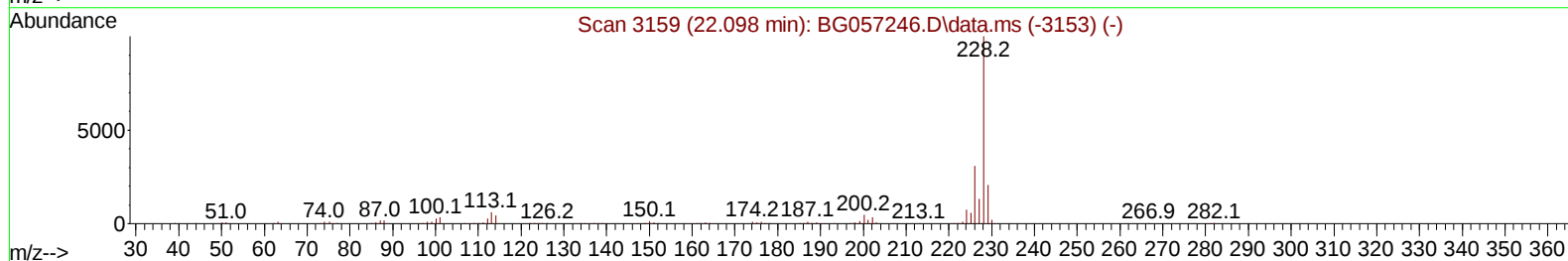
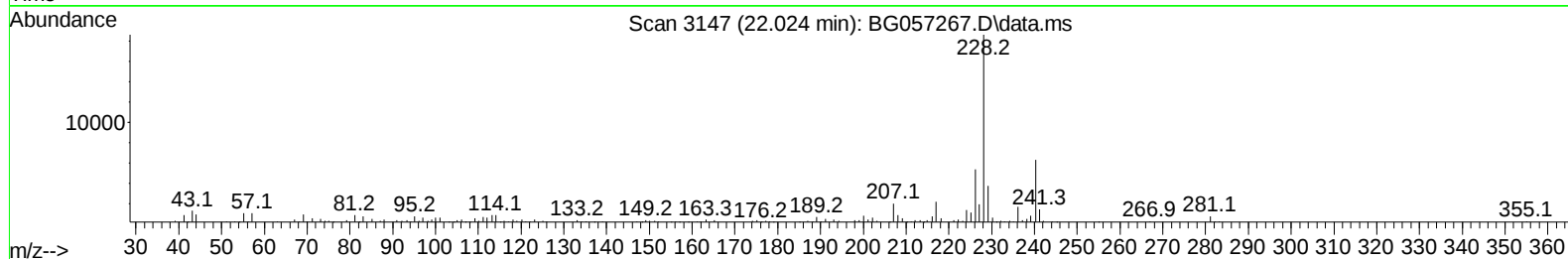
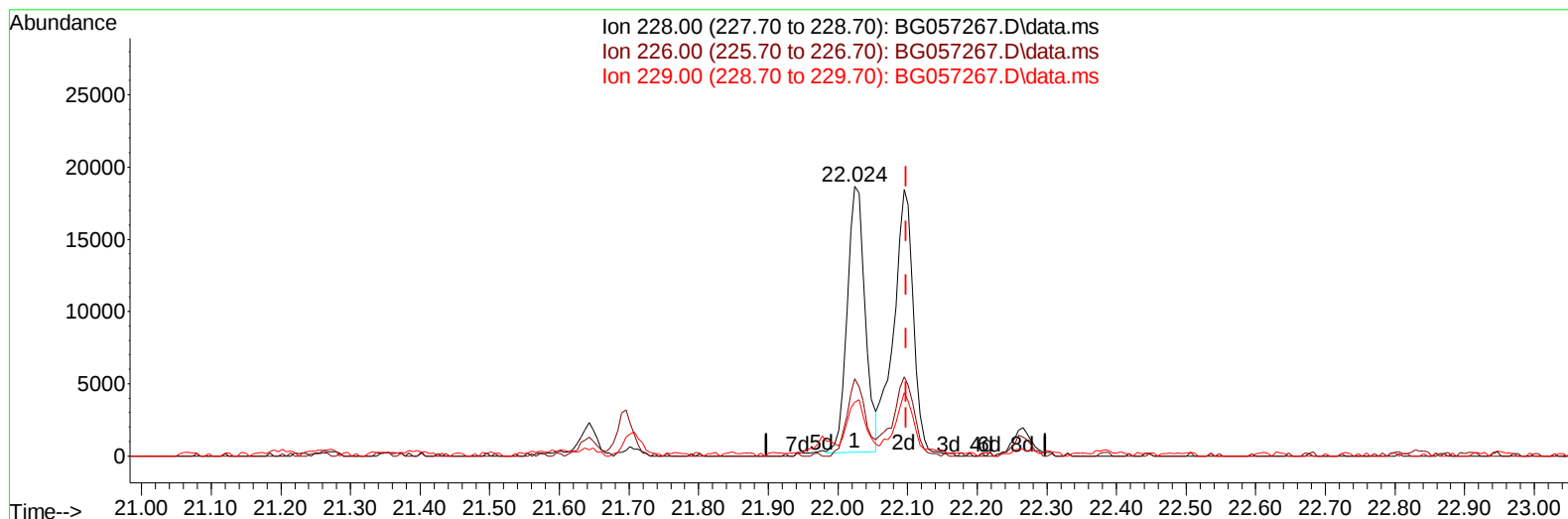
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057267.D
Acq On : 2 May 2023 2:45
Operator : CG/JU
Sample : 02374-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB9D6

Manual IntegrationsAPPROVED

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

Quant Time: May 02 03:42:49 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



TIC: BG057267.D\data.ms

(87) Chrysene

22.024min (-0.073) 5.67 ng/u1

response 33179

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	28.50	28.64
229.00	19.40	19.83
0.00	0.00	0.00

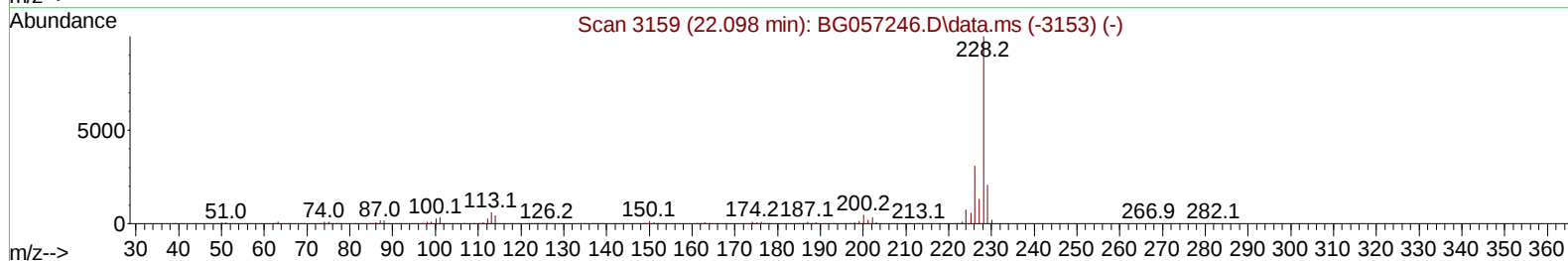
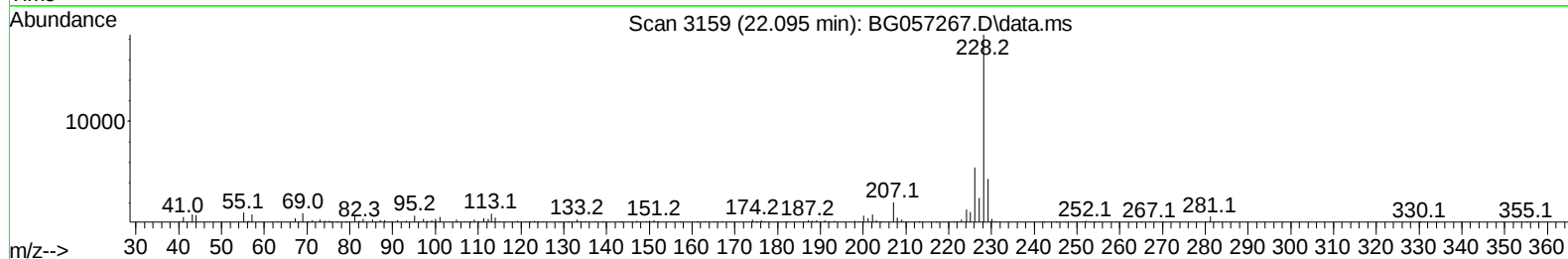
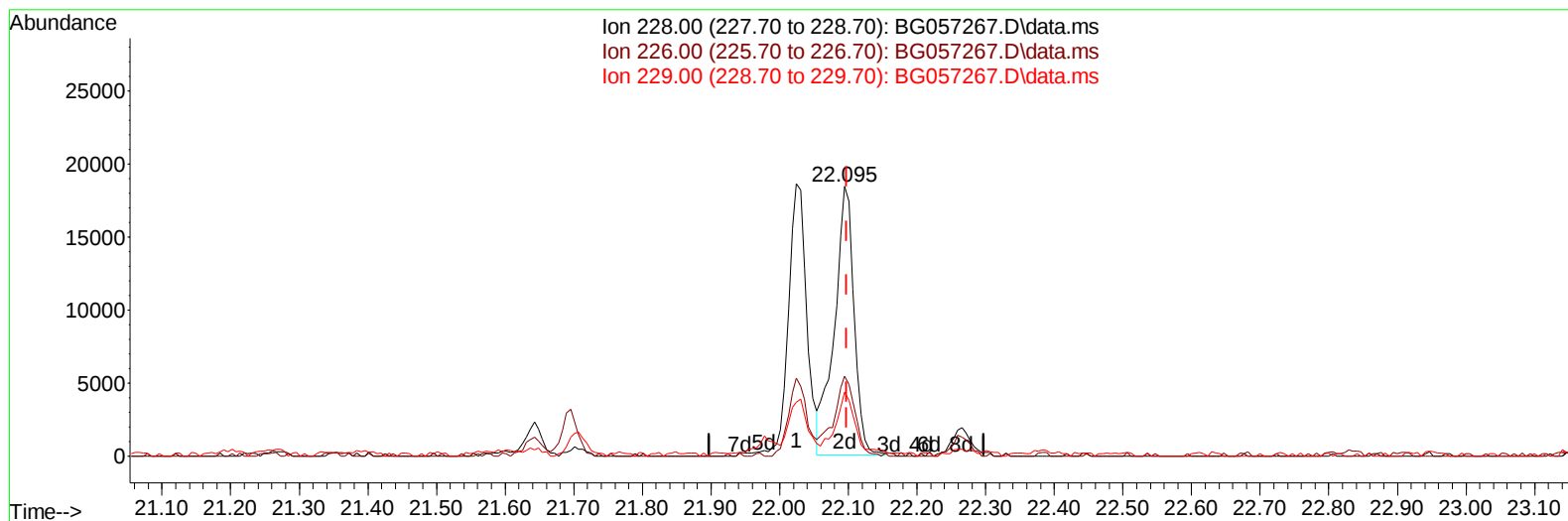
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Manual IntegrationsAPPROVED

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



TIC: BG057267.D\data.ms

(87) Chrysene

22.095min (-0.003) 6.27 ng/u1 m

response 36693

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	28.50	29.60
229.00	19.40	23.68#
0.00	0.00	0.00

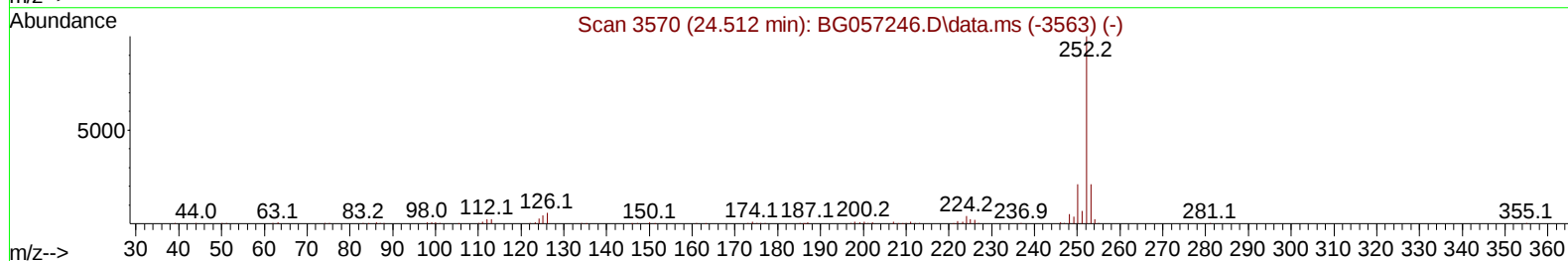
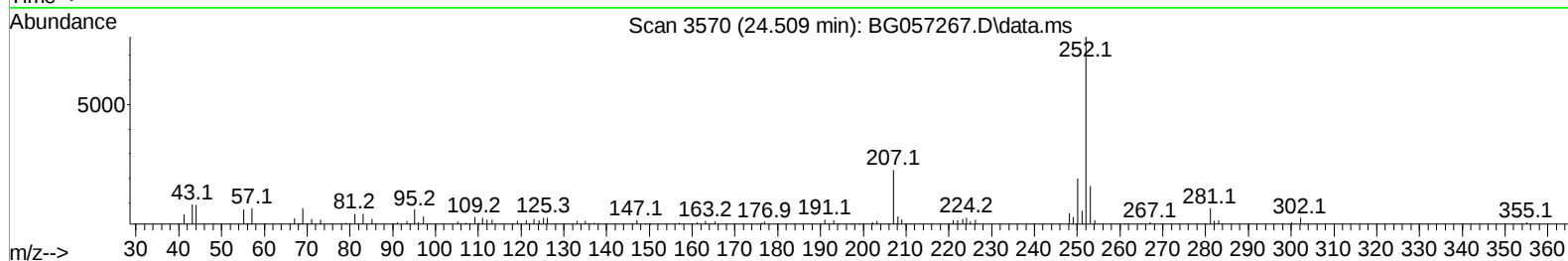
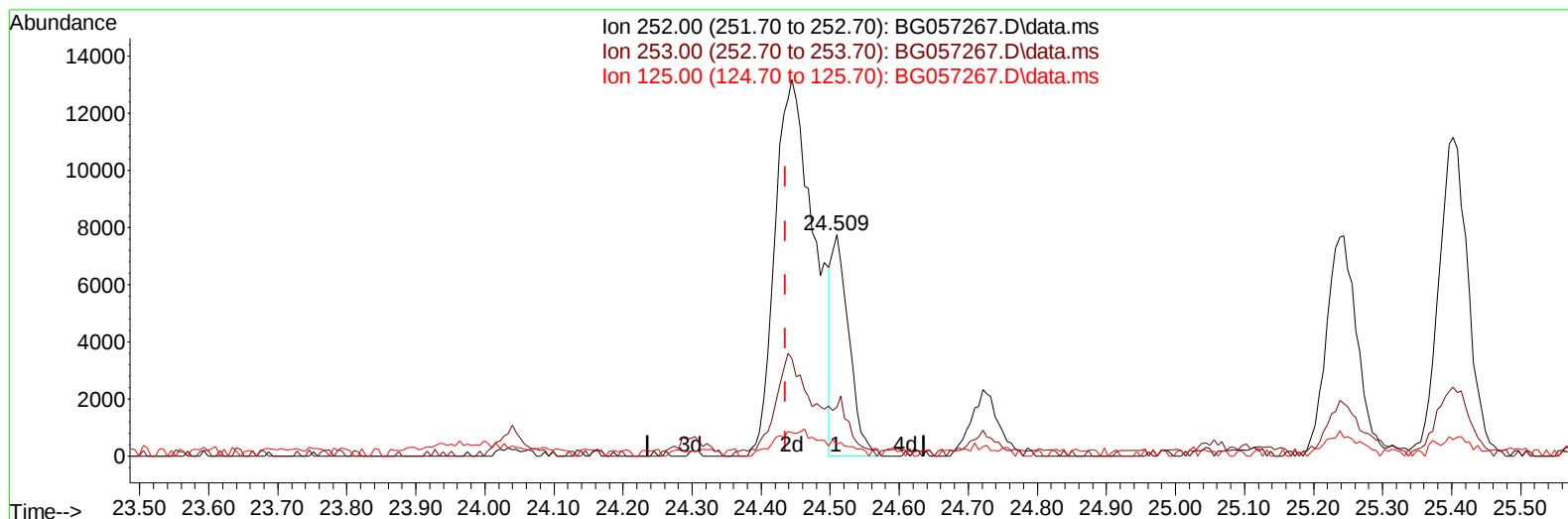
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 02 03:54:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BG057267.D\data.ms

(90) Benzo(b)fluoranthene

24.509min (+ 0.073) 2.08 ng/u1

response 13536

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.90	21.89
125.00	6.00	5.36
0.00	0.00	0.00

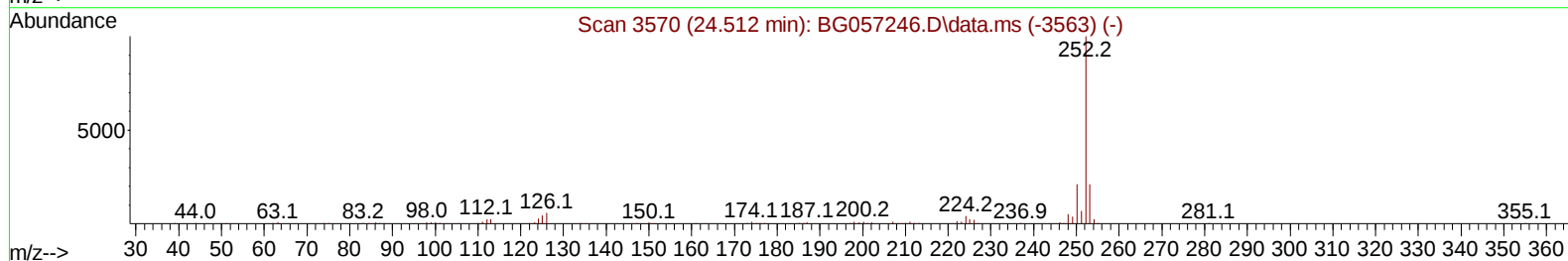
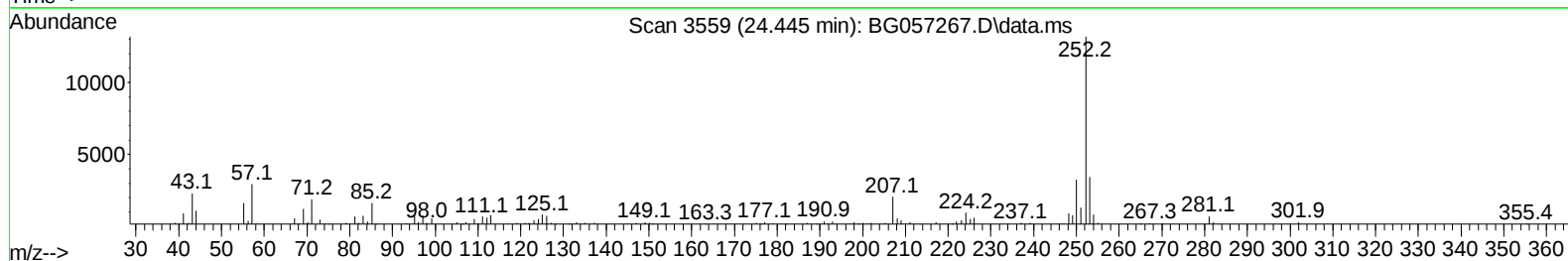
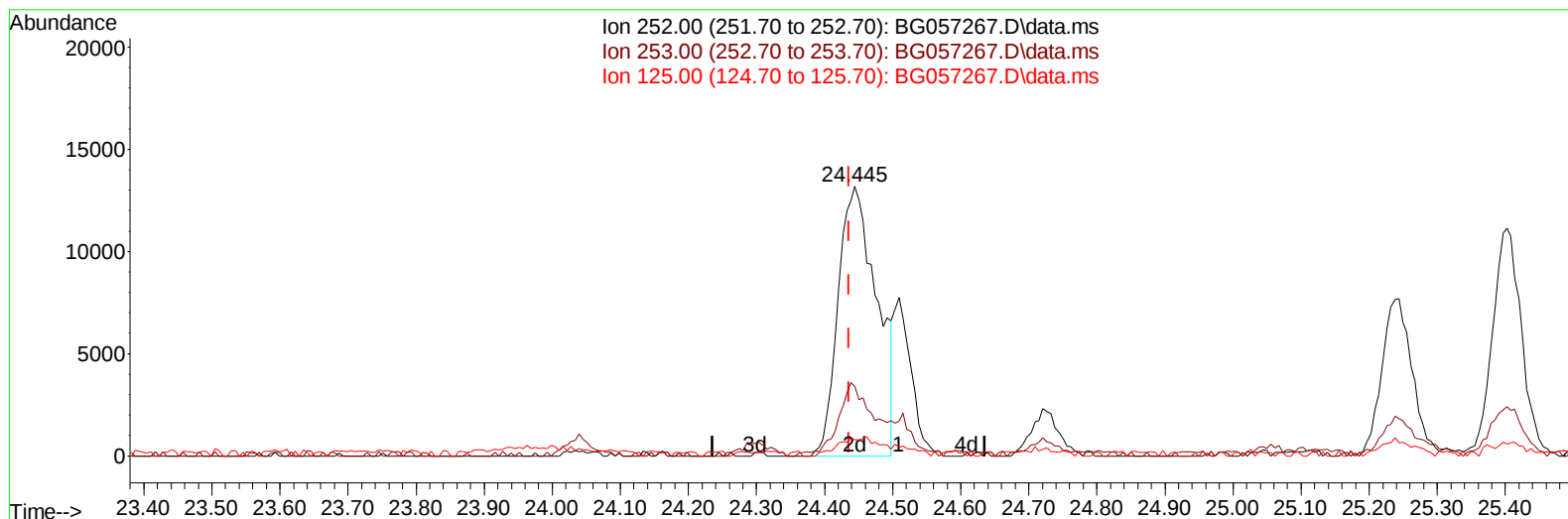
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Manual IntegrationsAPPROVED

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TIC: BG057267.D\data.ms

(90) Benzo(b)fluoranthene

24.445min (+ 0.009) 8.00 ng/u1 m

response 51993

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.90	25.84#
125.00	6.00	6.13
0.00	0.00	0.00

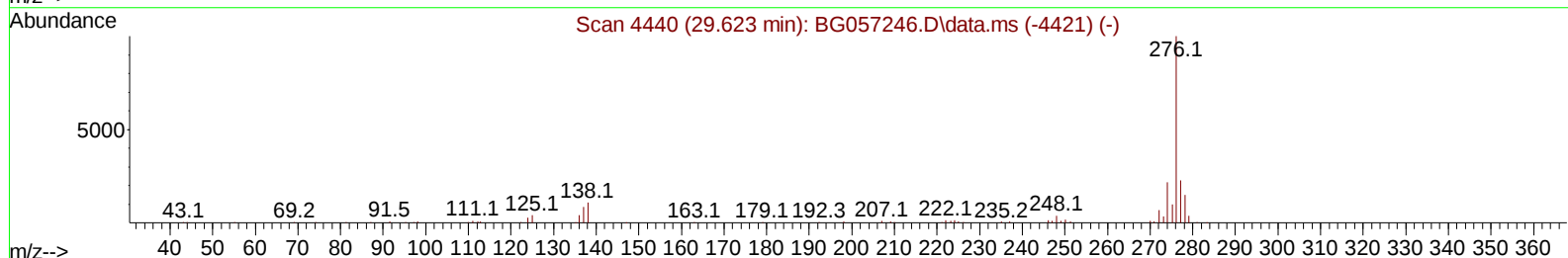
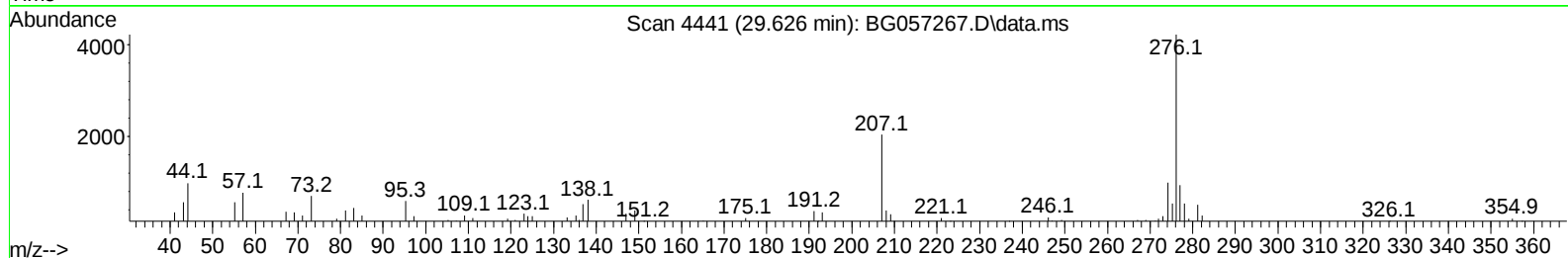
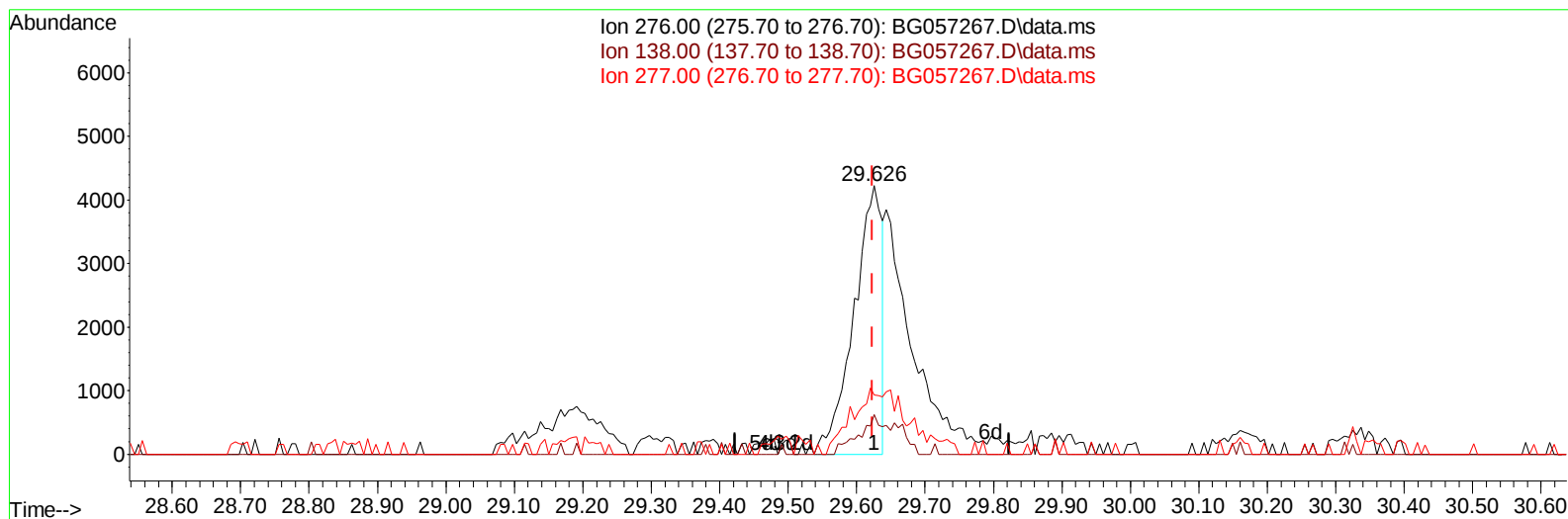
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 02 03:54:54 2023
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TIC: BG057267.D\data.ms

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

29.626min (+ 0.003) 1.72 ng/u1

response 12055

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	14.66#
277.00	23.30	22.16
0.00	0.00	0.00

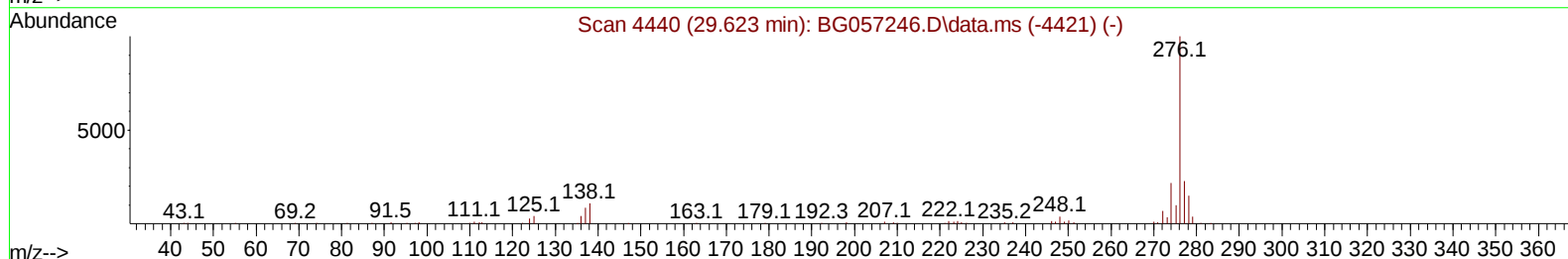
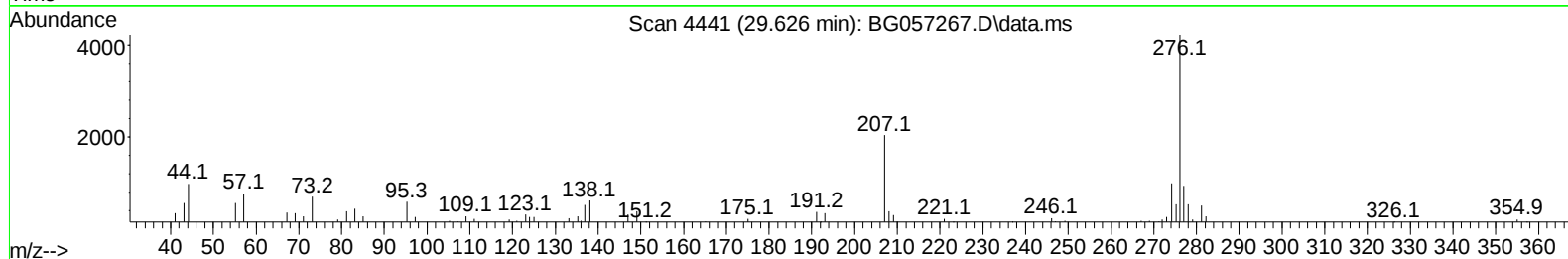
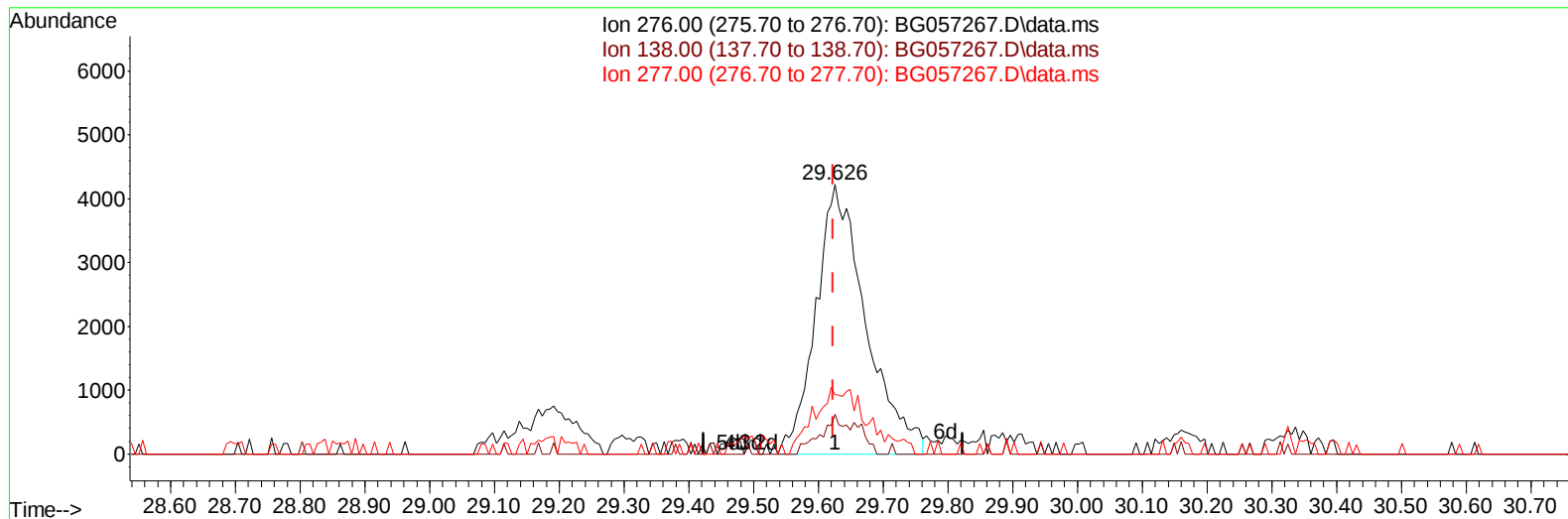
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057267.D
Acq On : 2 May 2023 2:45
Operator : CG/JU
Sample : 02374-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB9D6

Manual IntegrationsAPPROVED

Quant Time: May 02 03:54:54 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: BG057267.D\data.ms

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

29.626min (+ 0.003) 3.22 ng/ul m

response 22599

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	14.66#
277.00	23.30	22.16
0.00	0.00	0.00

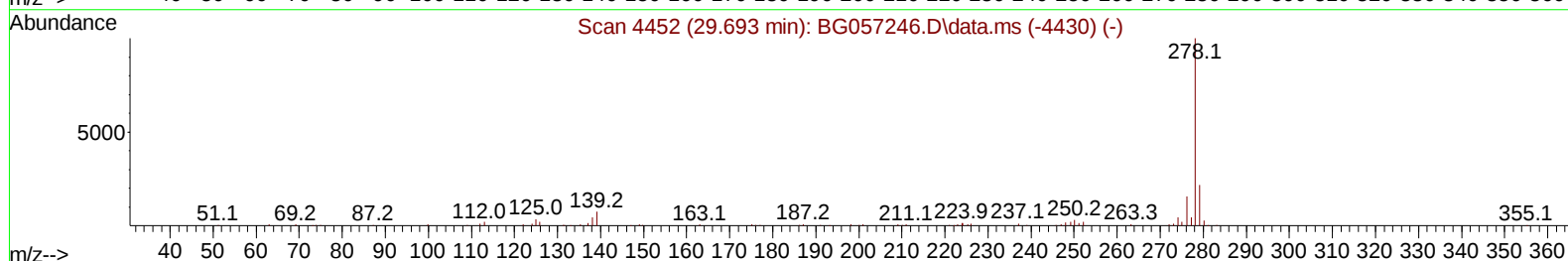
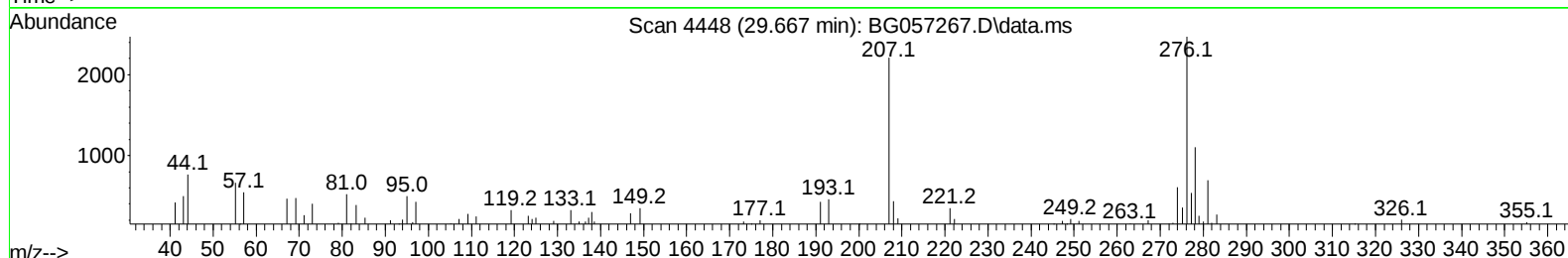
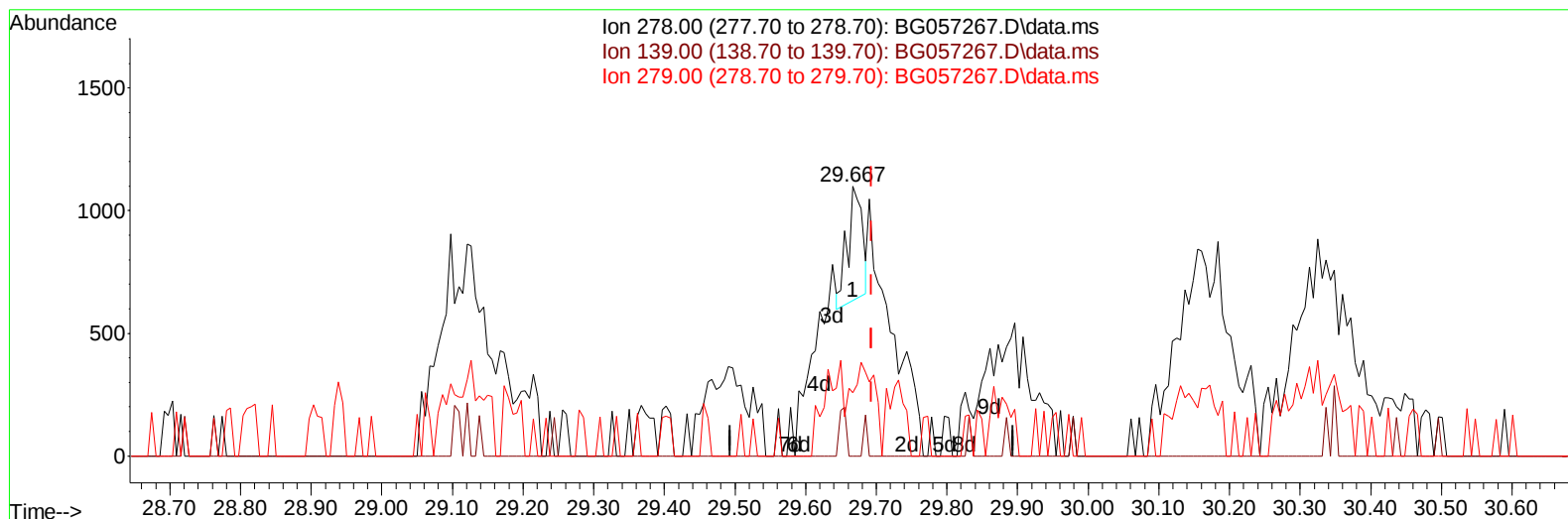
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057267.D
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 Sample : 02374-02
 Misc :
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: May 02 03:55:38 2023
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TIC: BG057267.D\data.ms

(95) Dibenzo(a,h)anthracene

29.667min (-0.026) 0.12 ng/u1

response 670

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	0.00#
279.00	22.90	23.38
0.00	0.00	0.00

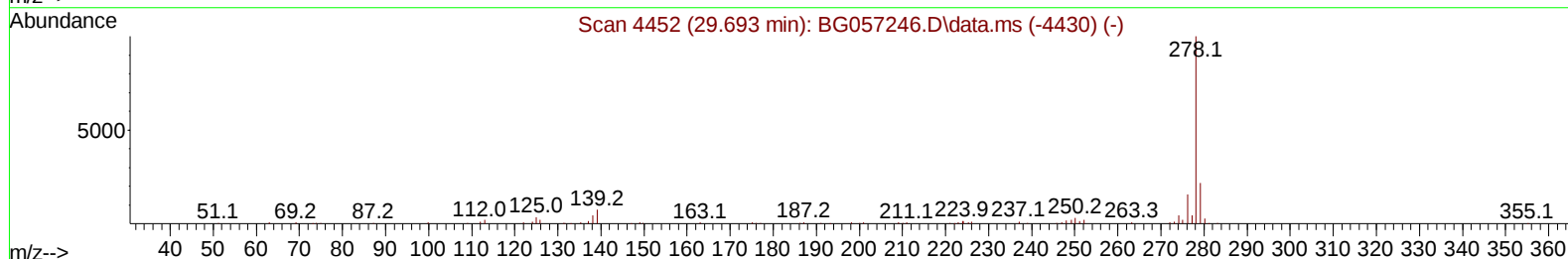
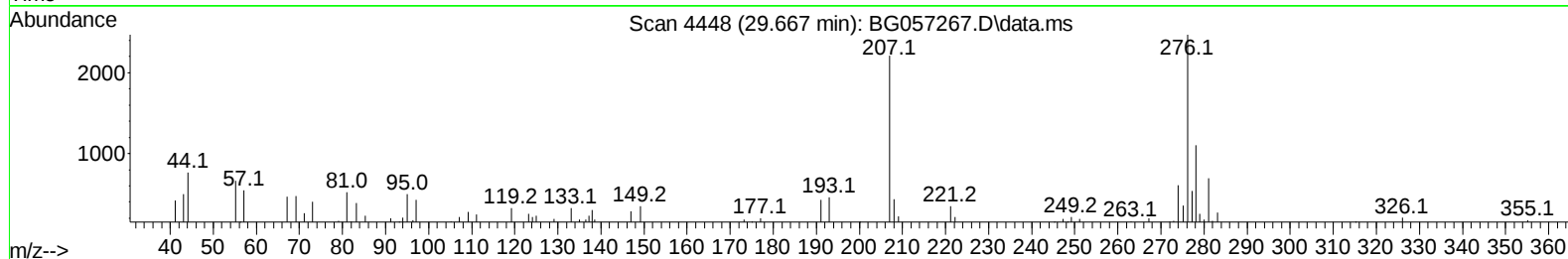
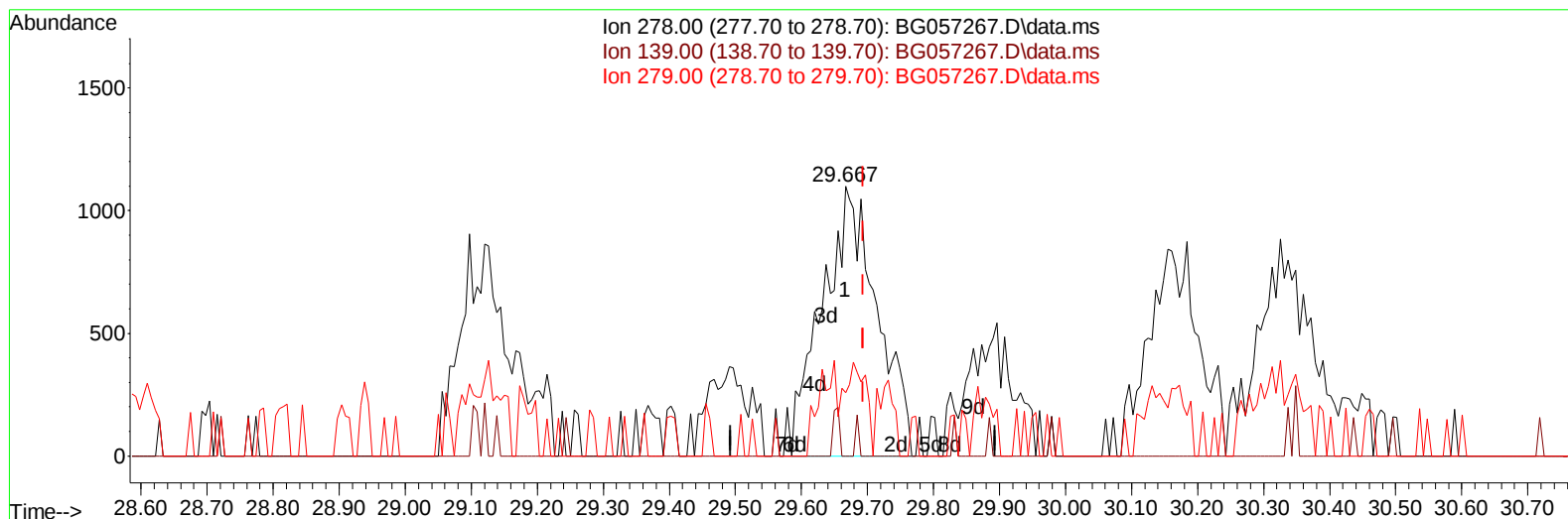
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057267.D
 Acq On : 2 May 2023 2:45
 Operator : CG/JU
 Sample : 02374-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB9D6

Manual IntegrationsAPPROVED

Quant Time: May 02 03:55:38 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: BG057267.D\data.ms

(95) Dibenzo(a,h)anthracene

29.667min (-0.026) 1.08 ng/u1 m

response 6306

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	0.00#
279.00	22.90	23.38
0.00	0.00	0.00

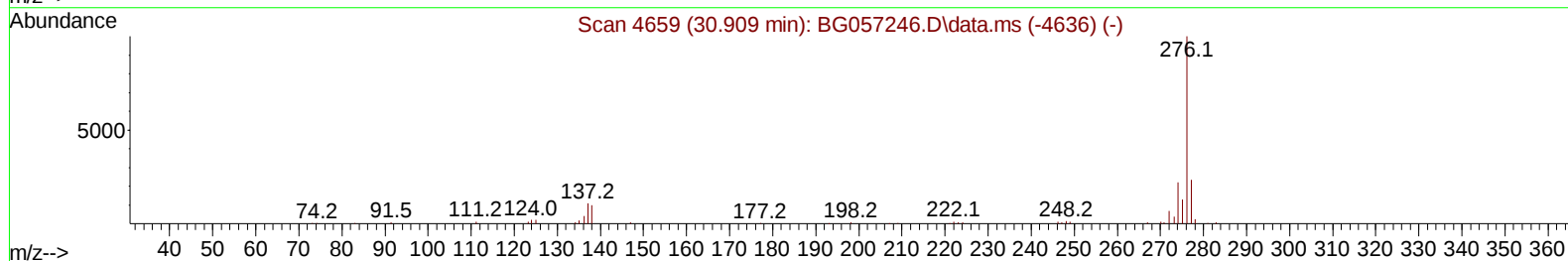
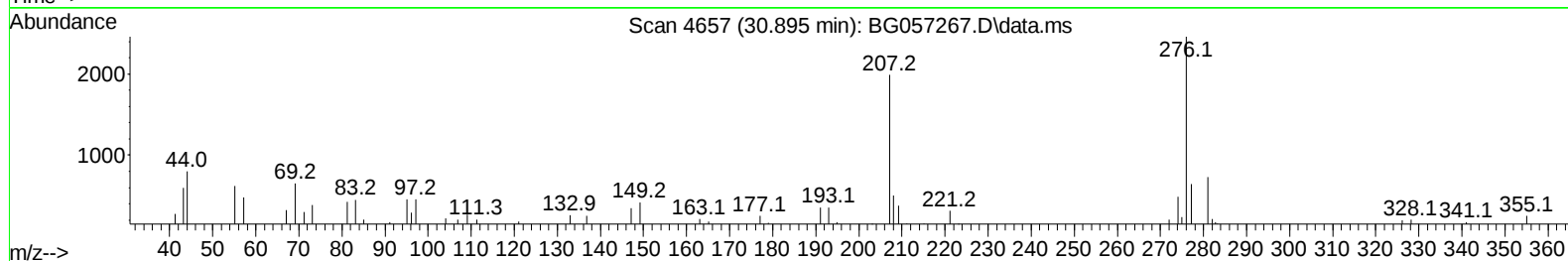
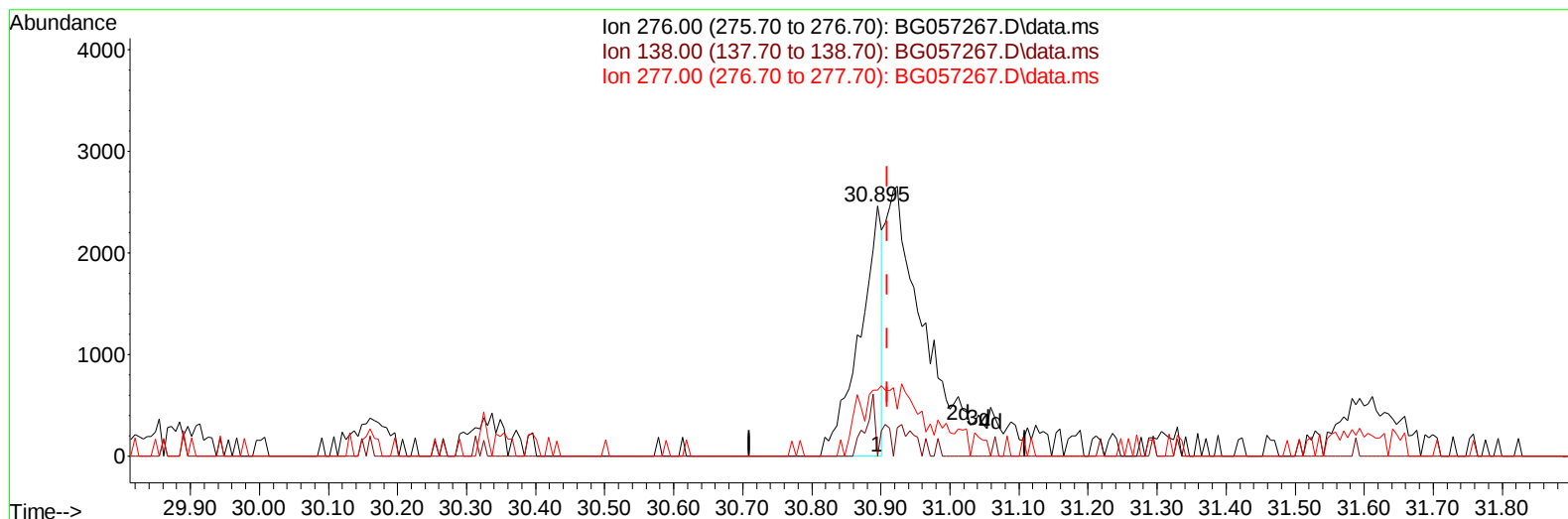
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG057267.D\data.ms

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

30.895min (-0.015) 0.97 ng/u1

response 5532

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	0.00#
277.00	23.00	26.26
0.00	0.00	0.00

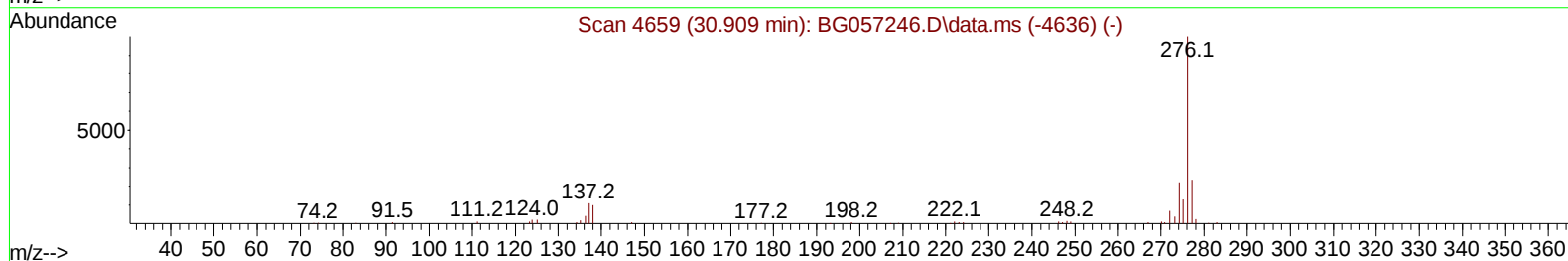
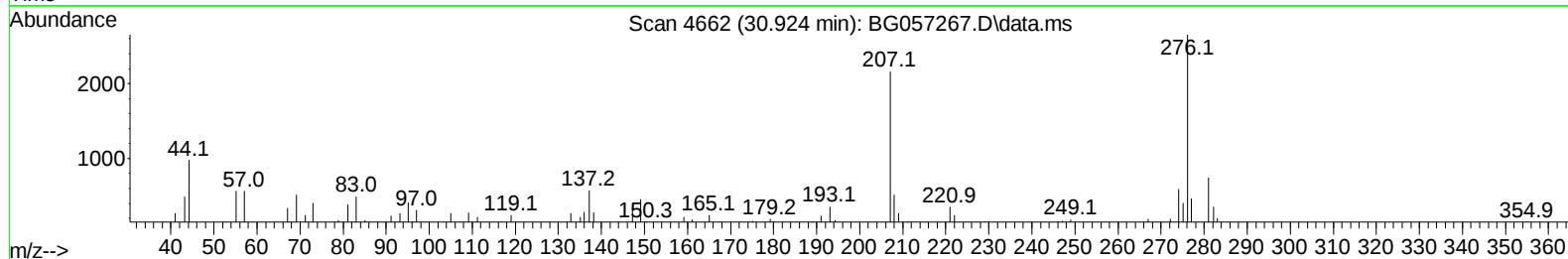
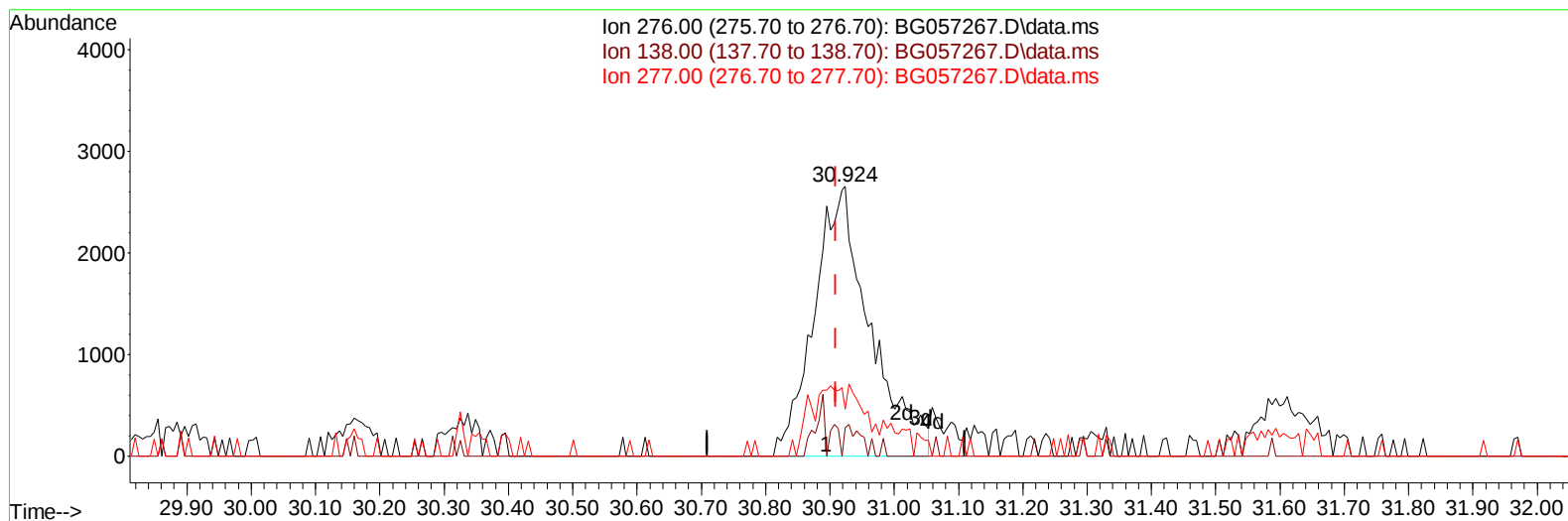
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Instrument :
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TIC: BG057267.D\data.ms

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

30.924min (+ 0.015) 2.82 ng/u1 m

response 16000

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.55
277.00	23.00	17.41#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 CB9D6

Manual IntegrationsAPPROVED

Quant Time: May 02 03:56:25 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	8.384	152	15876	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	64963	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.999	164	48165	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	107034	20.000	ng/ul	0.00
79) Chrysene-d12	22.048	240	87652	20.000	ng/ul	0.00
88) Perylene-d12	25.573	264	93854	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	1079	2.991	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.521	99	28677	19.100	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	16587	18.783	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	20073	20.288	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	19194	16.820	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	10819	20.913	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	13060	21.631	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	24205	20.780	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	9521	6.167	ng/ul	0.00
46) Dimethylphthalate-d6	14.382	166	80222	21.020	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	94202	21.962	ng/ul	0.00
54) 4-Nitrophenol-d4	15.187	143	7898	14.217	ng/ul	0.00
60) Fluorene-d10	15.980	176	71401	20.083	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.097	200	7366	11.615	ng/ul	0.00
73) Anthracene-d10	17.836	188	106193	21.736	ng/ul	0.00
81) Pyrene-d10	20.098	212	125561	24.134	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.326	264	112235	23.472	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.212	105	4266	2.173	ng/ul	97
72) Phenanthrene	17.777	178	26443	4.744	ng/ul	98
80) Fluoranthene	19.763	202	66401	10.744	ng/ul	98
82) Pyrene	20.127	202	61591	9.844	ng/ul	98
85) Benzo(a)anthracene	22.024	228	34281	5.530	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.872	149	6344	2.177	ng/ul#	96
87) Chrysene	22.095	228	36693m	6.274	ng/ul	
90) Benzo(b)fluoranthene	24.445	252	51993m	8.000	ng/ul	
91) Benzo(k)fluoranthene	24.509	252	13536	2.141	ng/ul	99
93) Benzo(a)pyrene	25.402	252	33021	5.885	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.626	276	22599m	3.222	ng/ul	
95) Dibenzo(a,h)anthracene	29.667	278	6306m	1.084	ng/ul	
96) Benzo(g,h,i)perylene	30.924	276	16000m	2.819	ng/ul	

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

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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/02/2023
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