

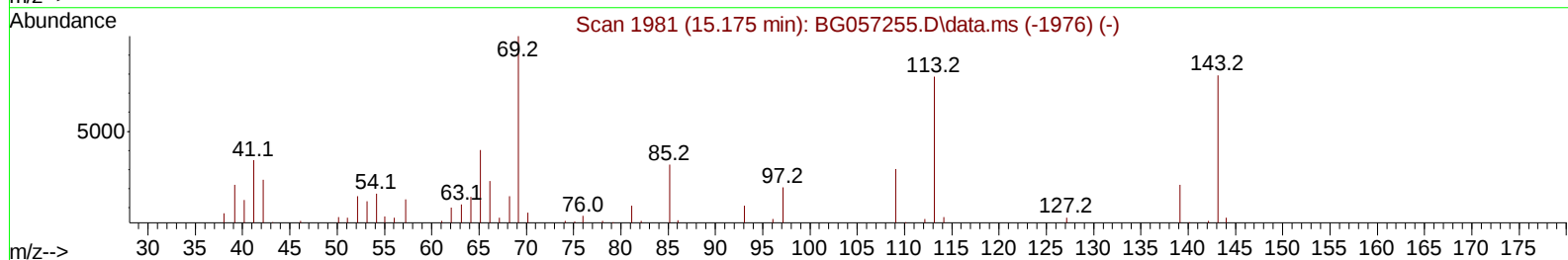
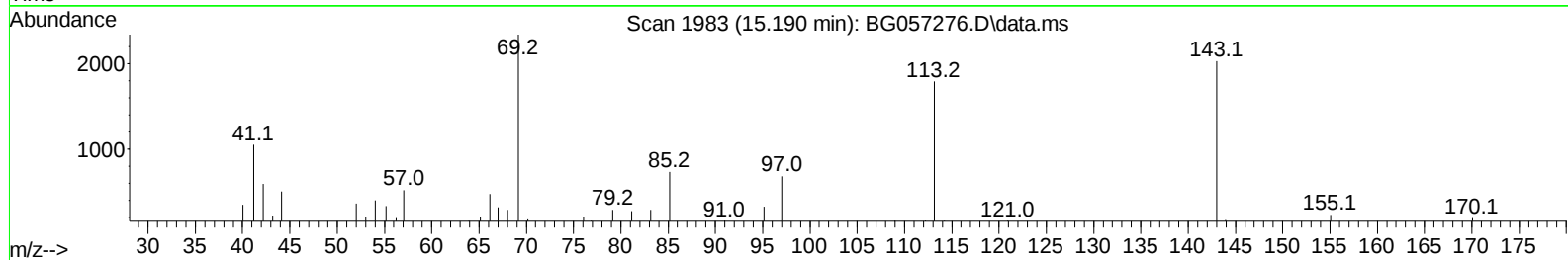
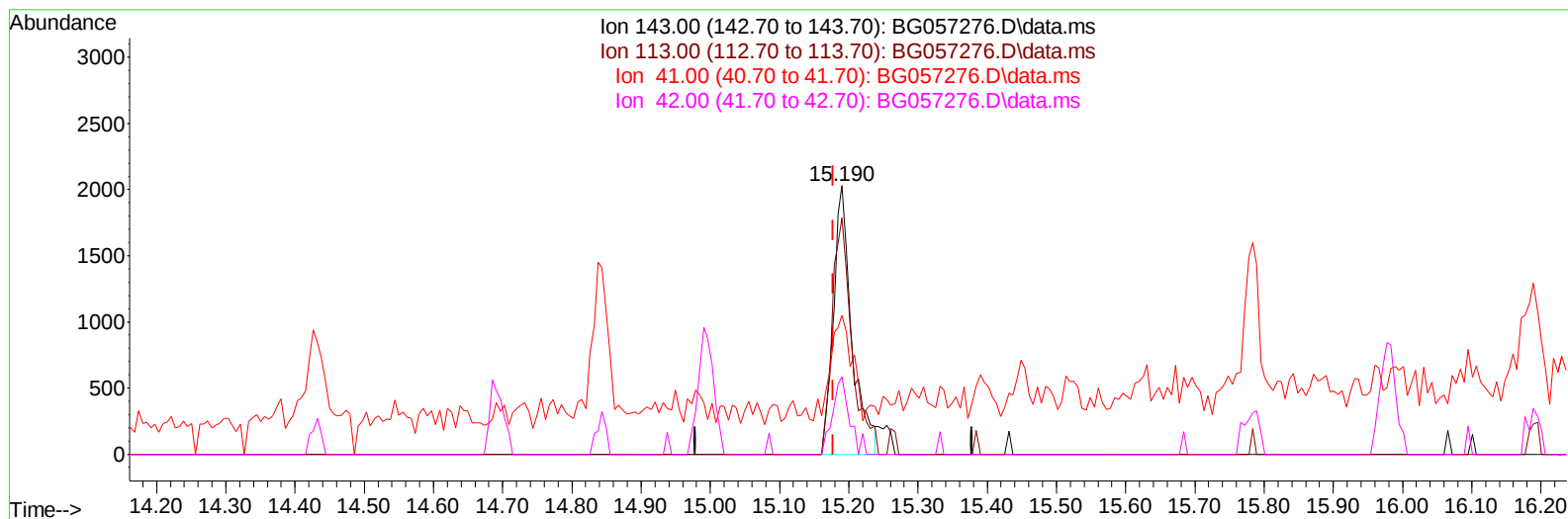
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 01:05:09 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: BG057276.D\data.ms

(54) 4-Nitrophenol-d4 (S)**15.190min (+ 0.012) 7.18 ng/u1****response 3762**

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	88.17
41.00	44.40	51.70
42.00	28.40	28.98

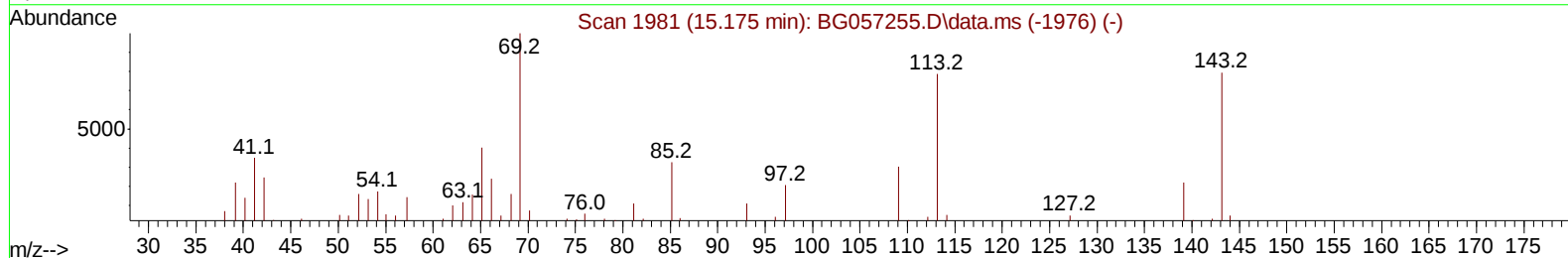
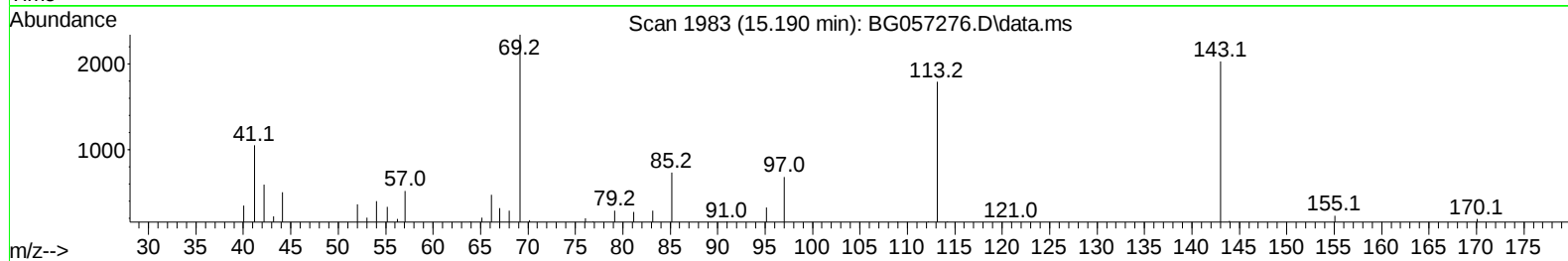
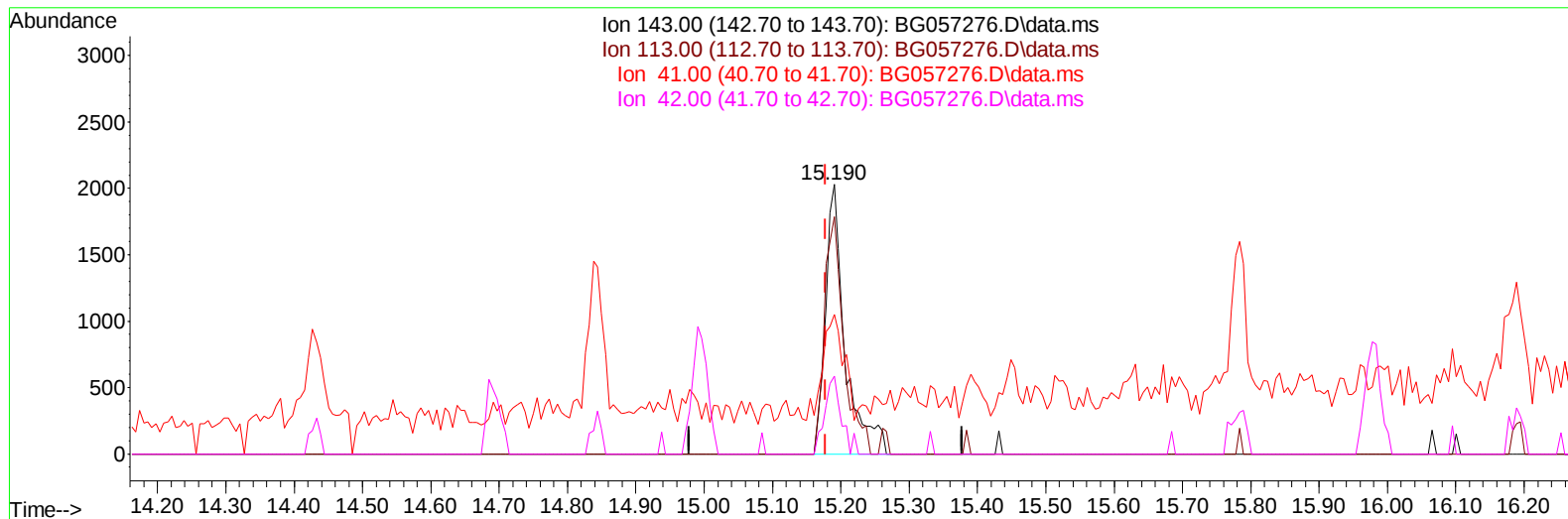
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:05:09 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 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057276.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.190min (+ 0.012) 7.71 ng/ul m

response 4041

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	88.17
41.00	44.40	51.70
42.00	28.40	28.98

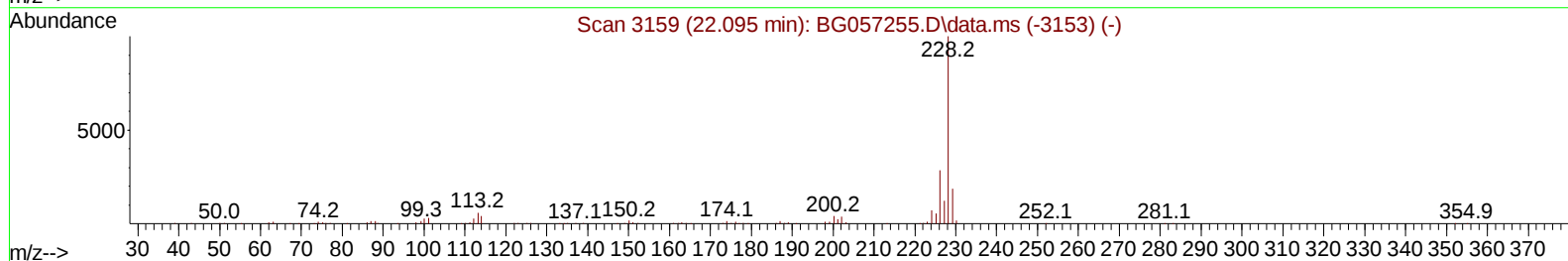
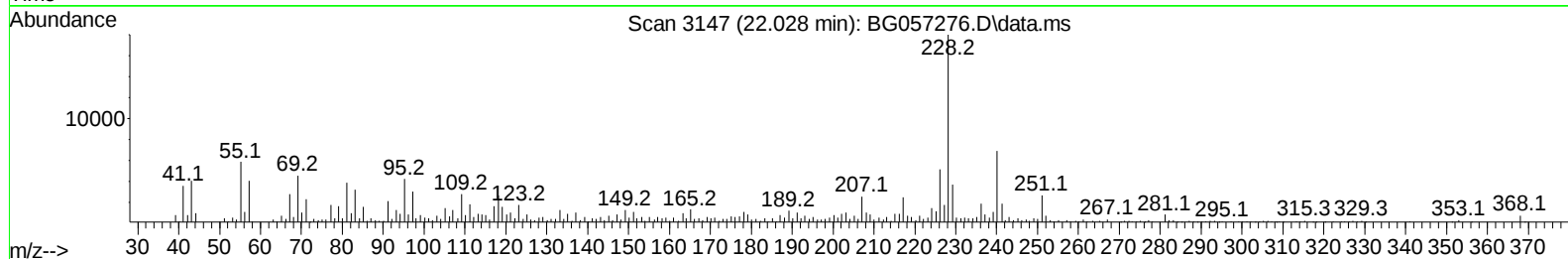
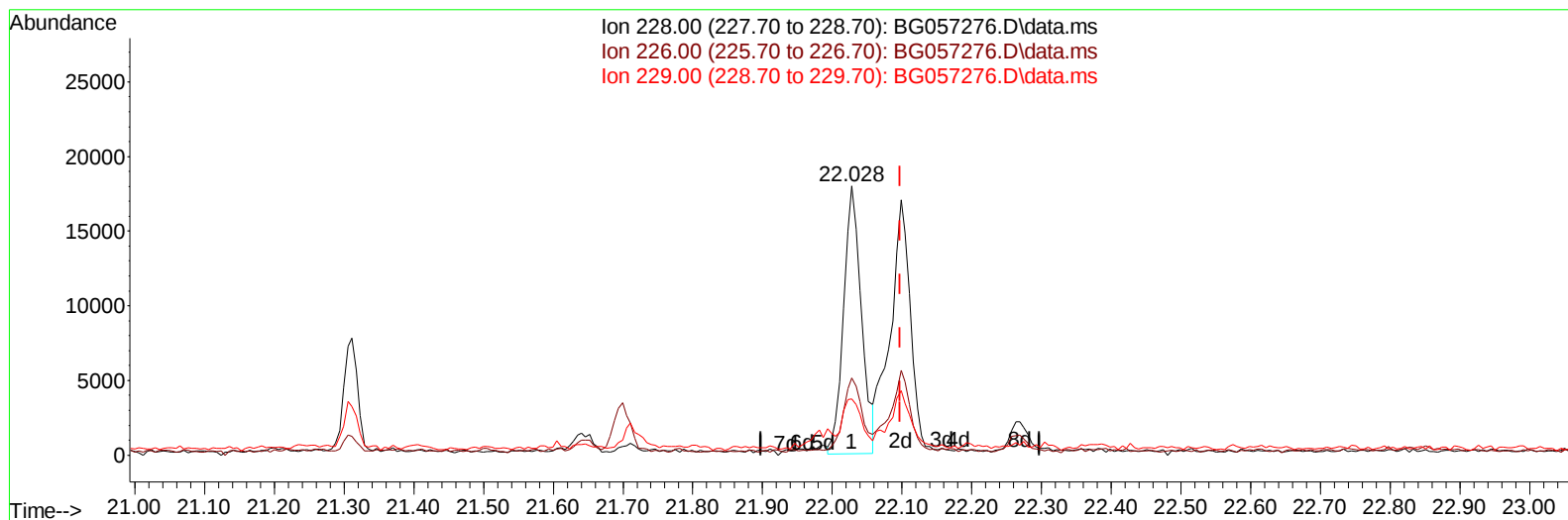
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:05:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
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 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057276.D\data.ms

(87) Chrysene

22.028min (-0.070) 5.87 ng/u1

response 31588

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	28.50	28.69
229.00	19.40	20.83
0.00	0.00	0.00

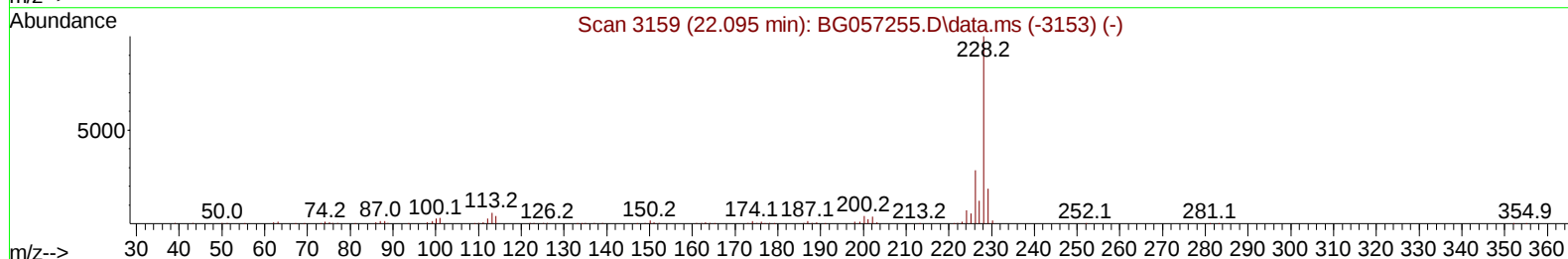
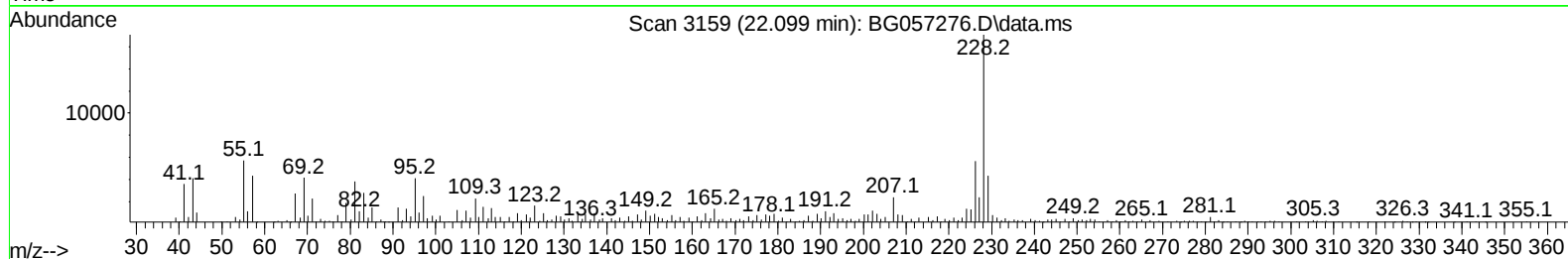
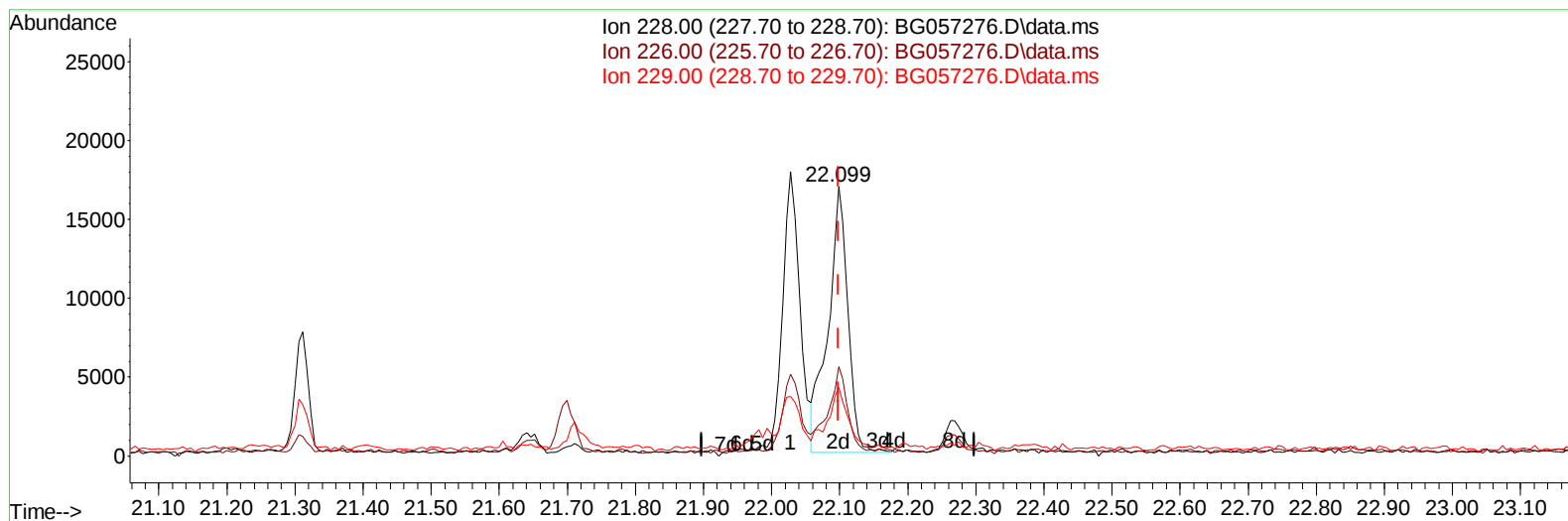
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:05:09 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057276.D\data.ms

(87) Chrysene

22.099min (+ 0.001) 6.42 ng/ul m

response 34495

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	28.50	33.13
229.00	19.40	25.31#
0.00	0.00	0.00

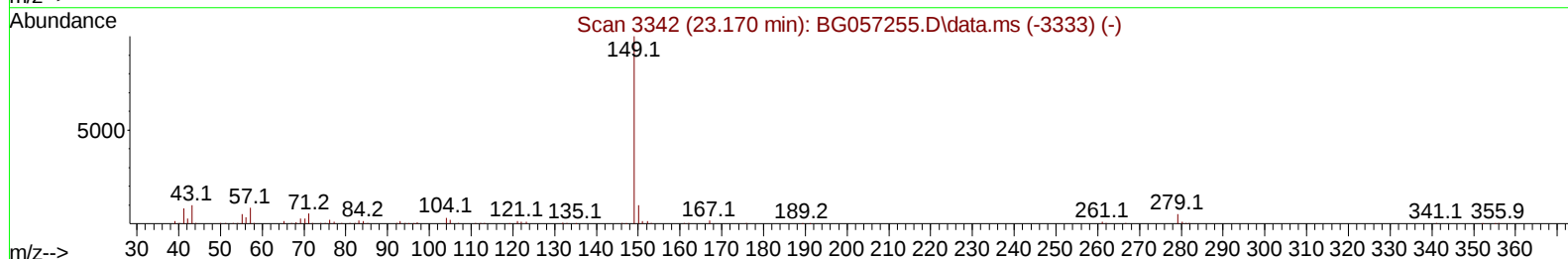
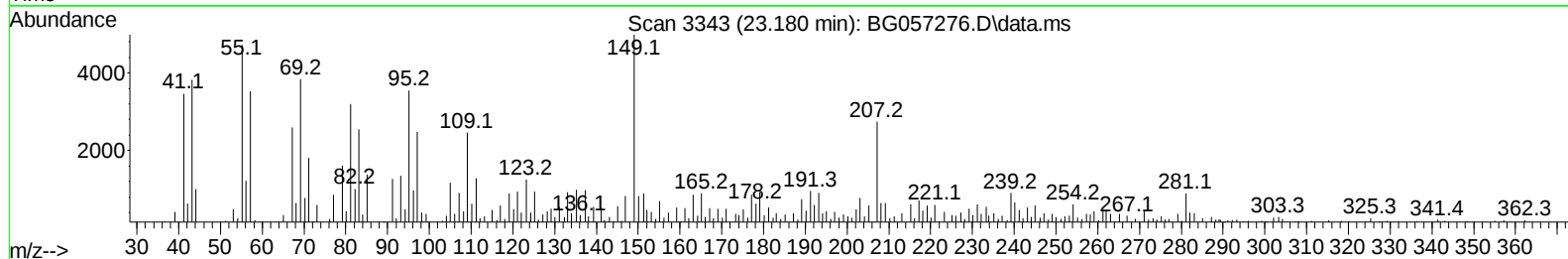
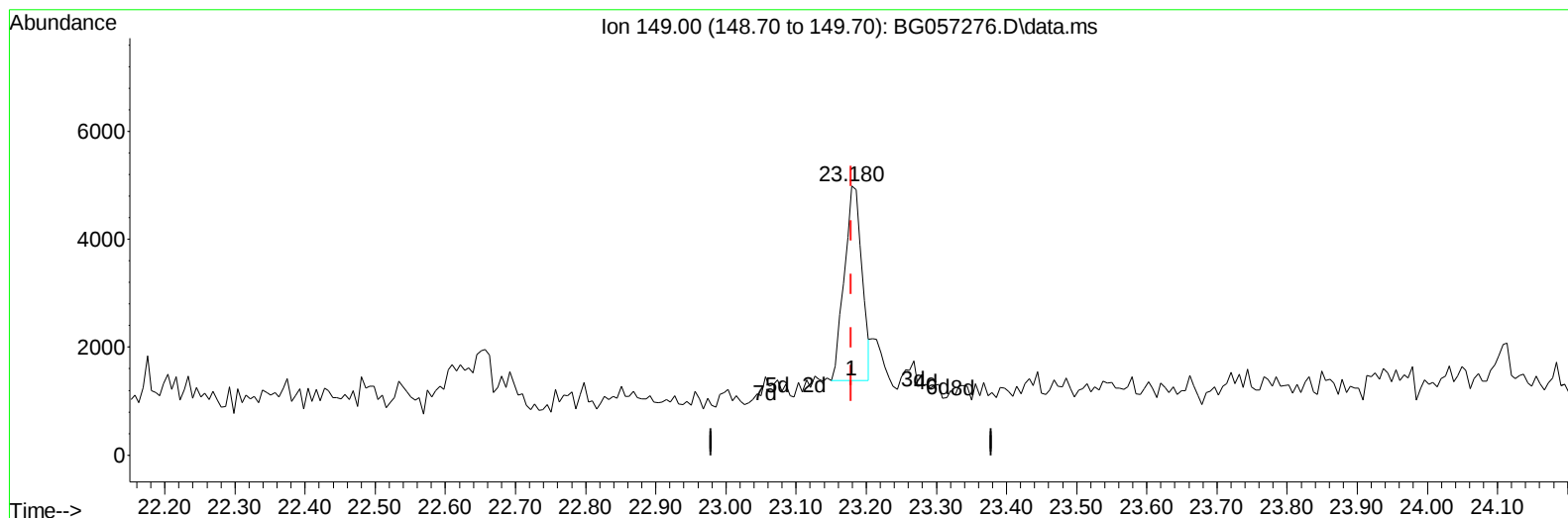
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:47:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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TIC: BG057276.D\data.ms

(89) Di-n-octyl phthalate

23.180min (+ 0.001) 1.28 ng/u1

response 6286

Ion	Exp%	Act%
149.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

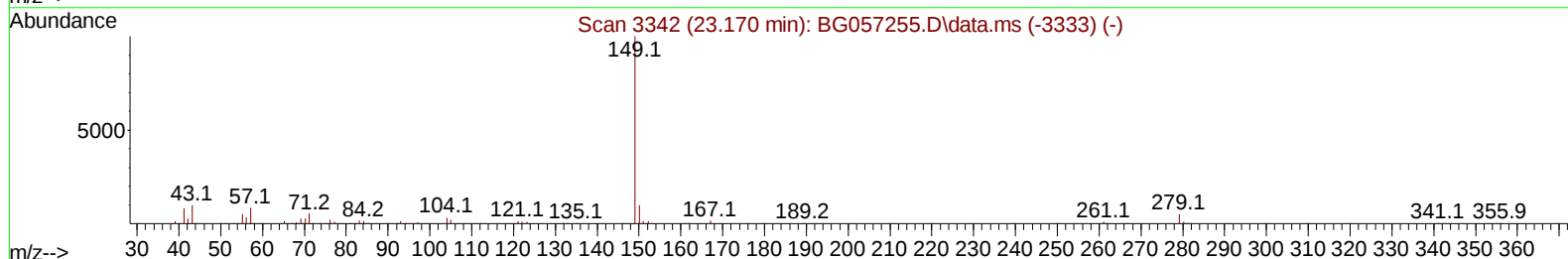
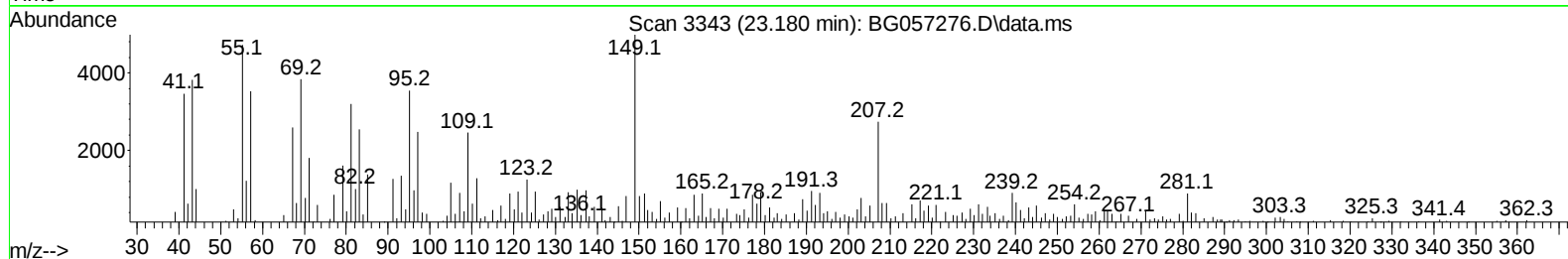
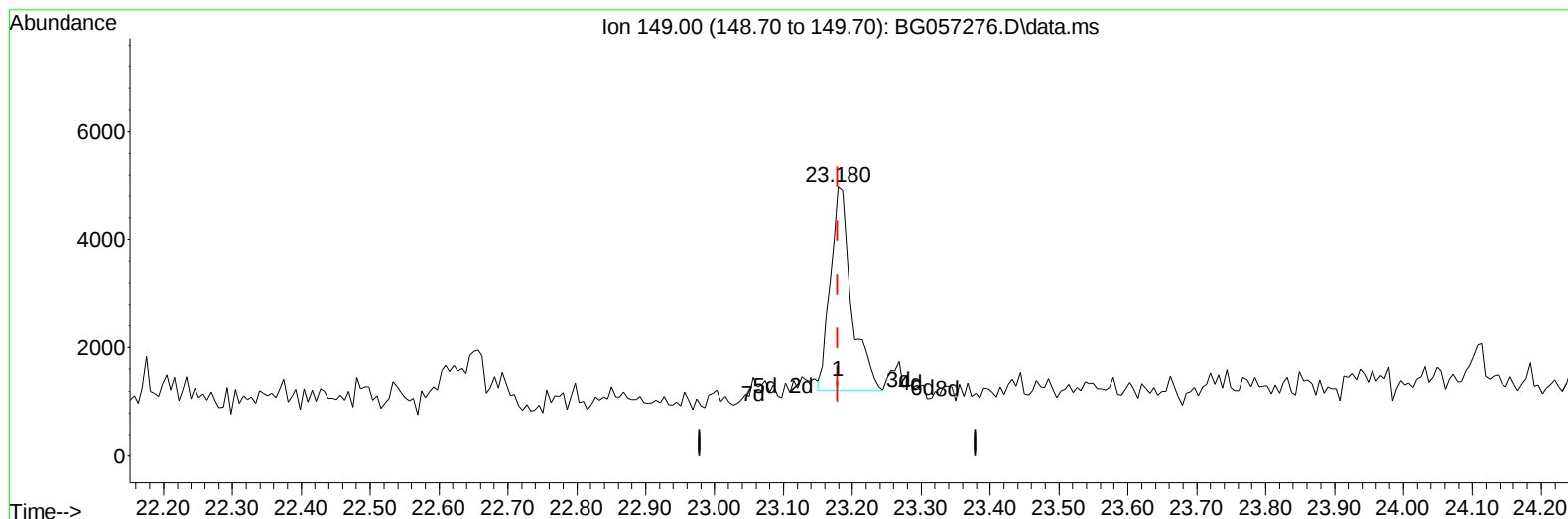
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:47:29 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057276.D\data.ms

(89) Di-n-octyl phthalate

23.180min (+ 0.001) 1.63 ng/ul m

response 7999

Ion	Exp%	Act%
149.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

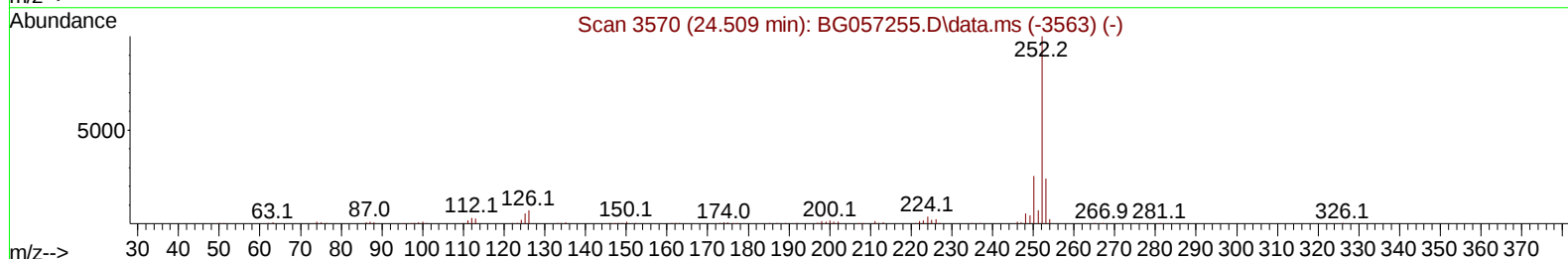
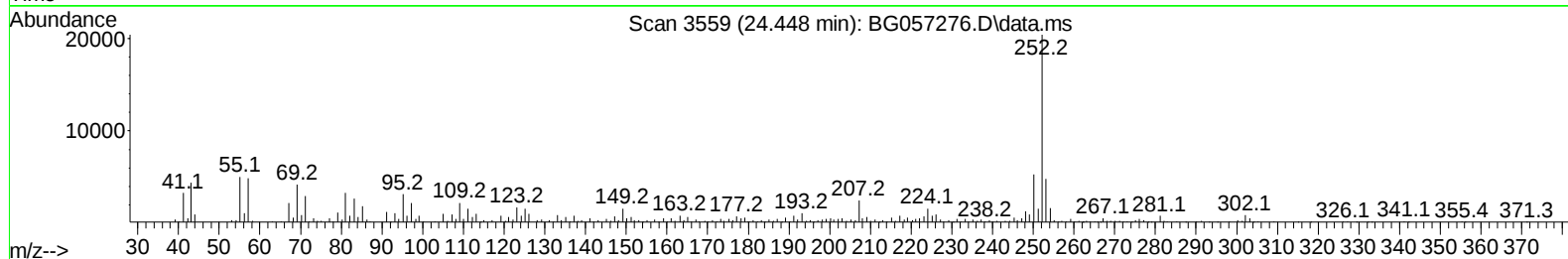
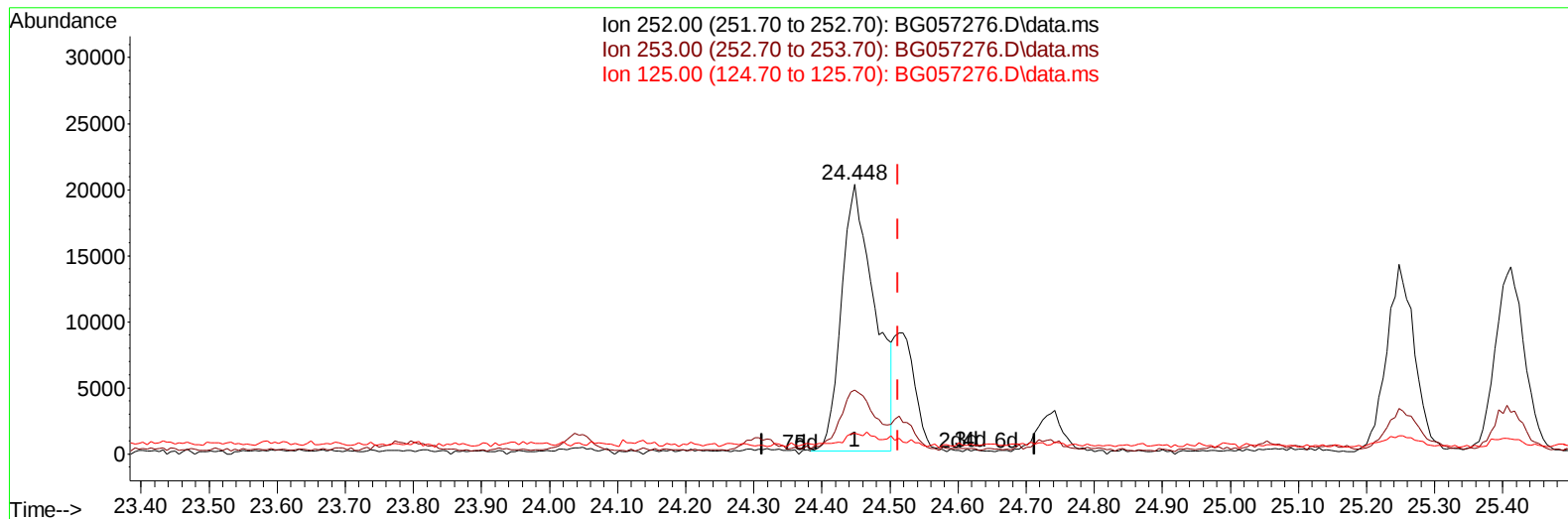
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
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Quant Time: May 03 01:47:29 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: BG057276.D\data.ms

(91) Benzo(k)fluoranthene

24.448min (-0.064) 11.47 ng/u1

response 68550

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.67
125.00	5.60	7.75#
0.00	0.00	0.00

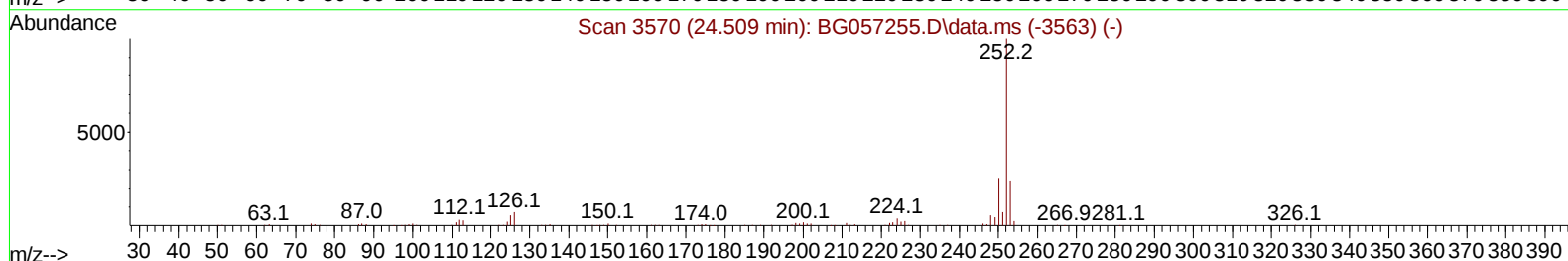
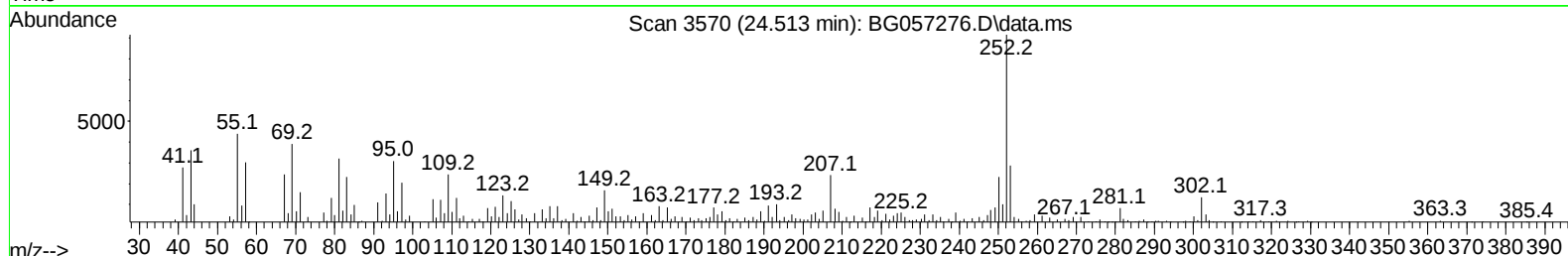
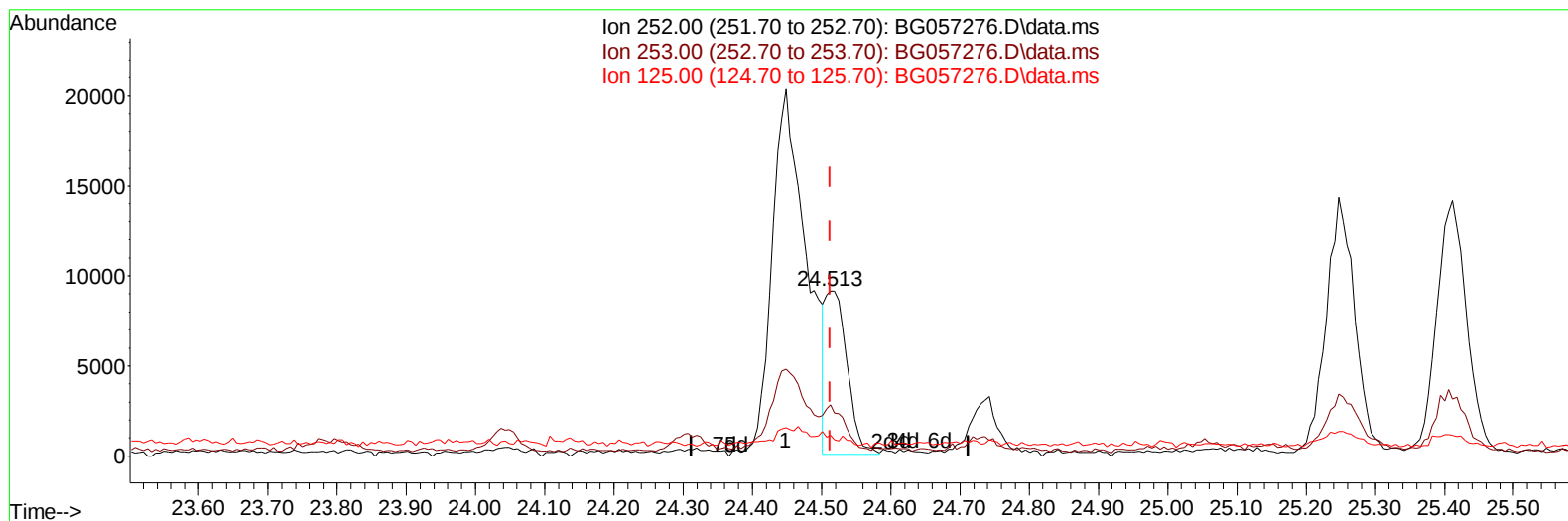
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 01:47:29 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: BG057276.D\data.ms

(91) Benzo(k)fluoranthene

24.513min (+ 0.001) 3.29 ng/u1 m

response 19687

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	31.21#
125.00	5.60	12.74#
0.00	0.00	0.00

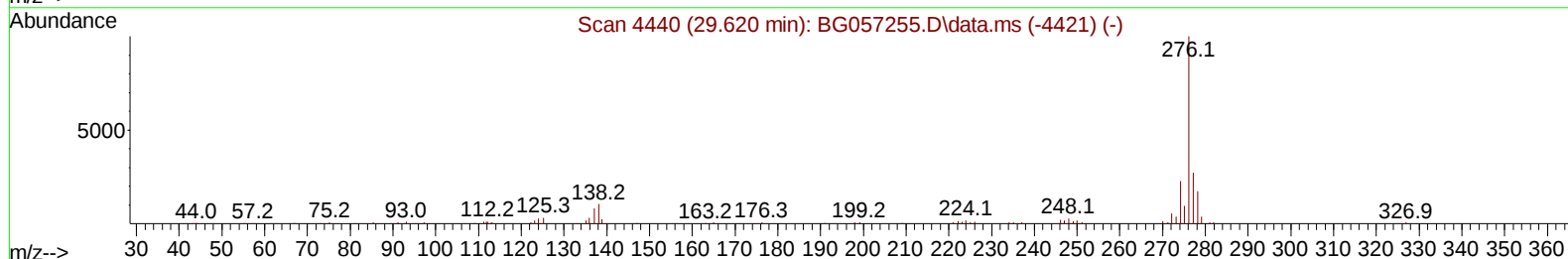
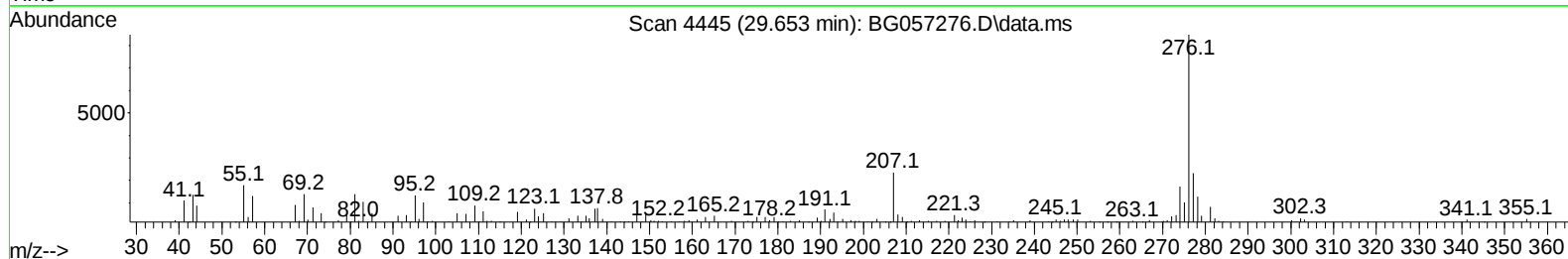
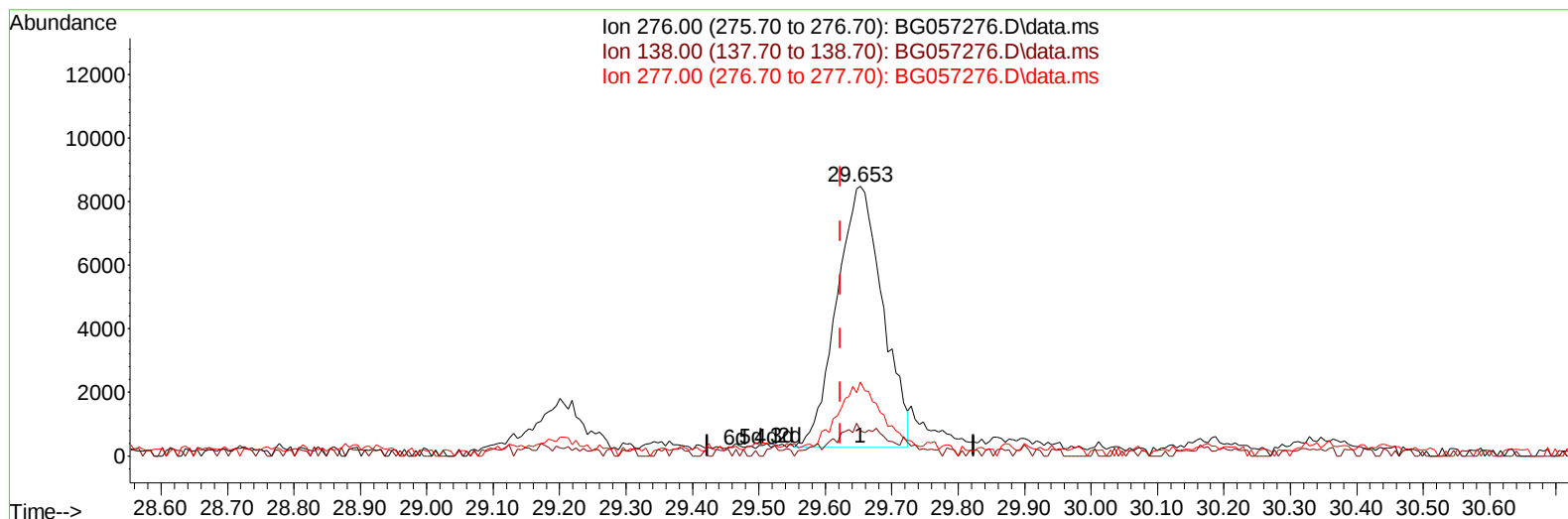
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:49:41 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057276.D\data.ms

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

29.653min (+ 0.030) 5.93 ng/u1

response 39334

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	9.27#
277.00	23.30	27.54
0.00	0.00	0.00

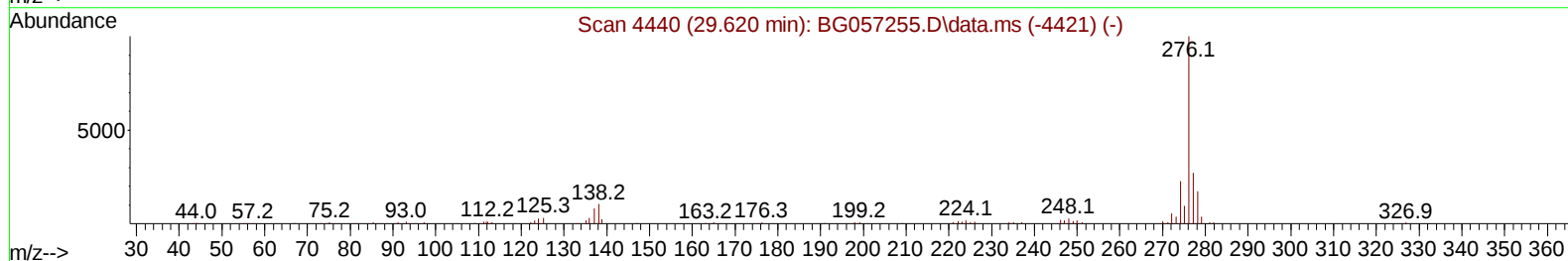
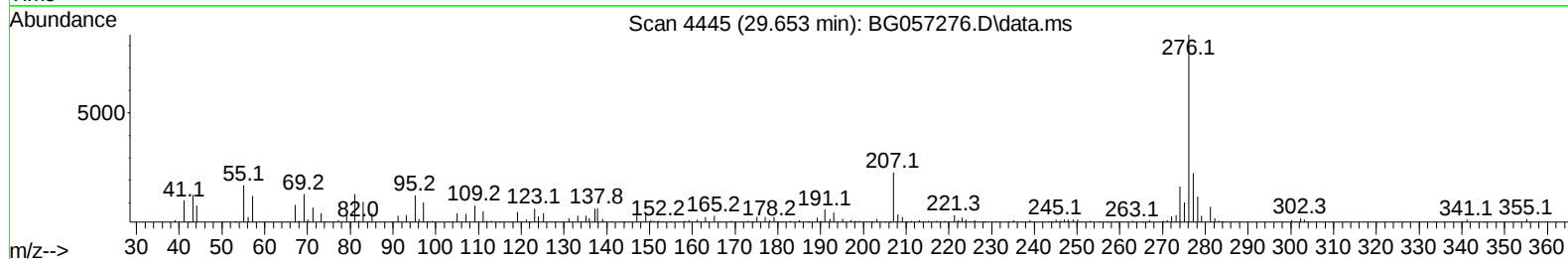
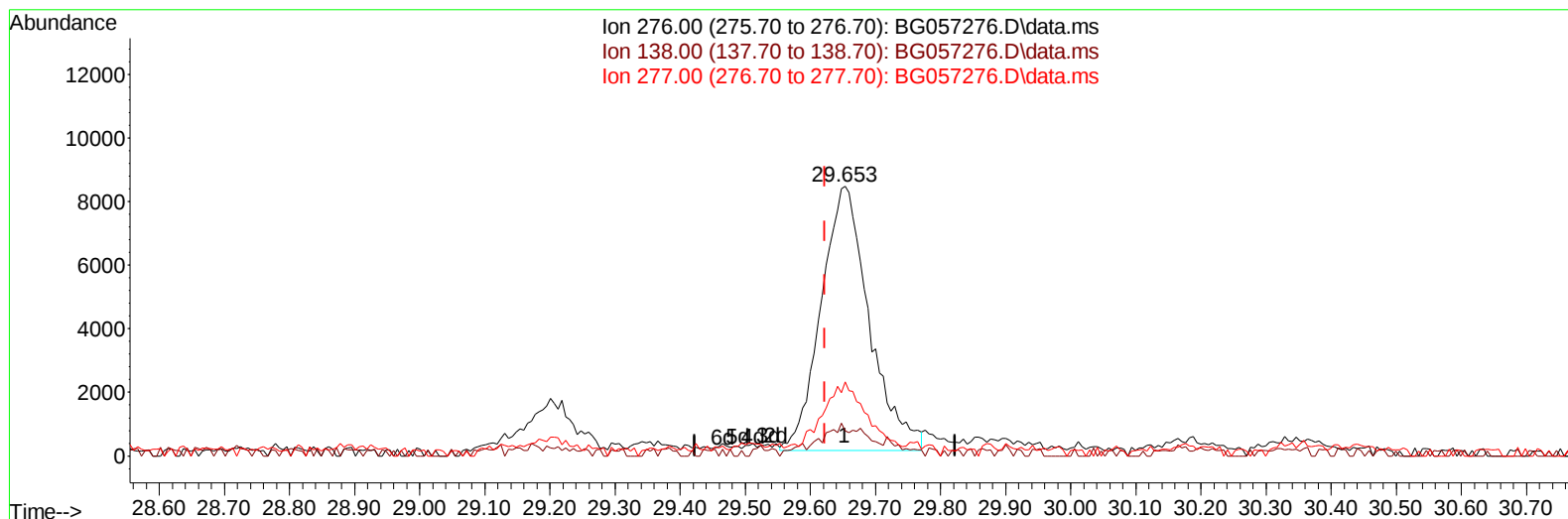
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:49:41 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

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 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057276.D\data.ms

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

29.653min (+ 0.030) 6.45 ng/ul m

response 42736

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	9.27#
277.00	23.30	27.54
0.00	0.00	0.00

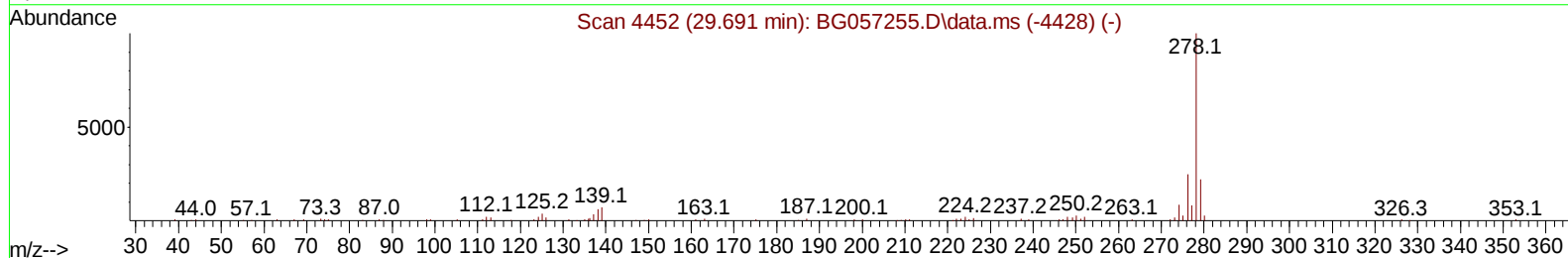
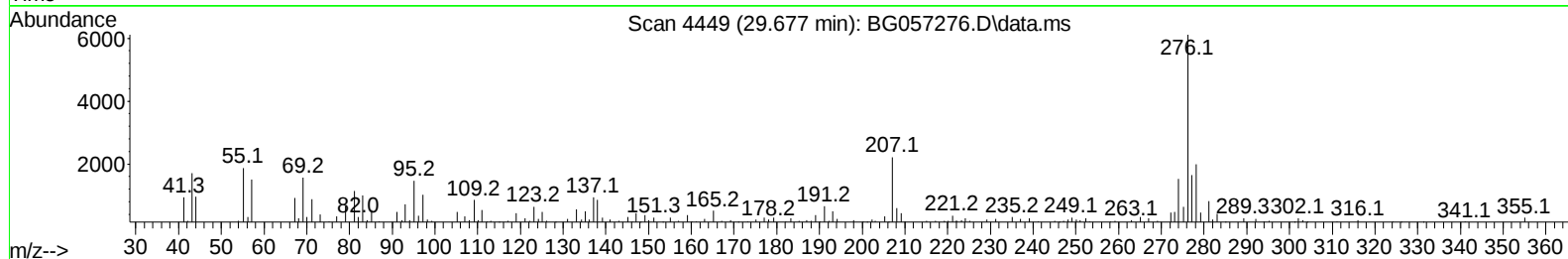
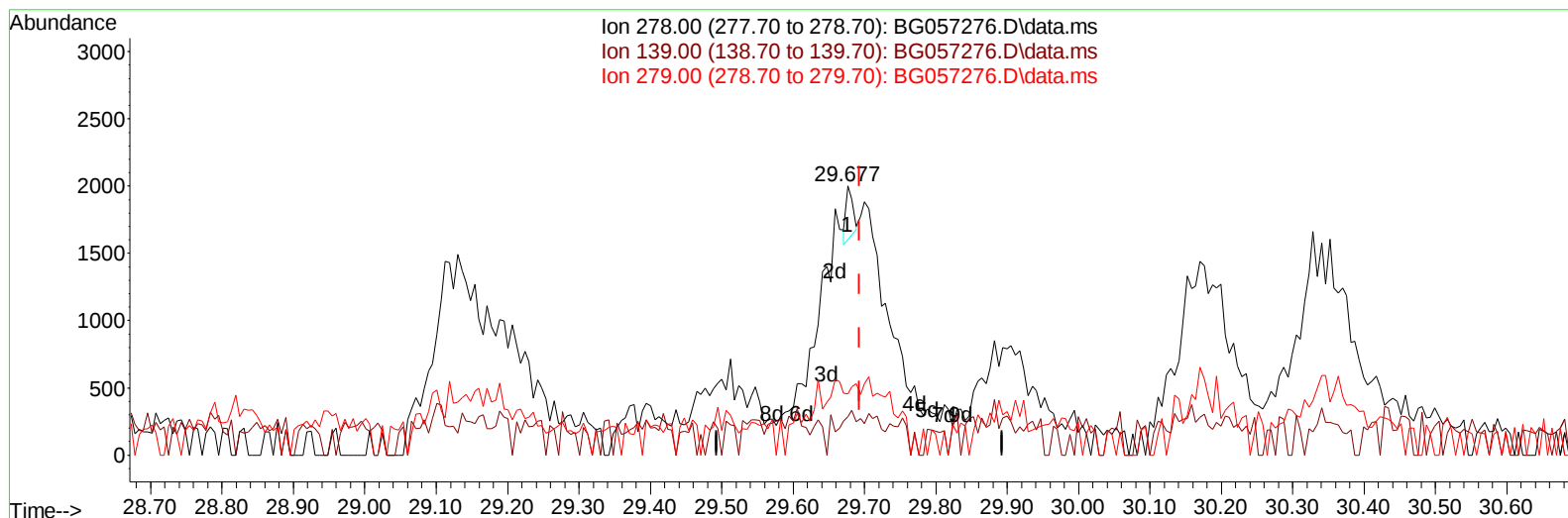
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:53:57 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
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057276.D\data.ms

(95) Dibenzo(a,h)anthracene

29.677min (-0.017) 0.05 ng/u1

response 263

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	14.30#
279.00	22.90	22.75
0.00	0.00	0.00

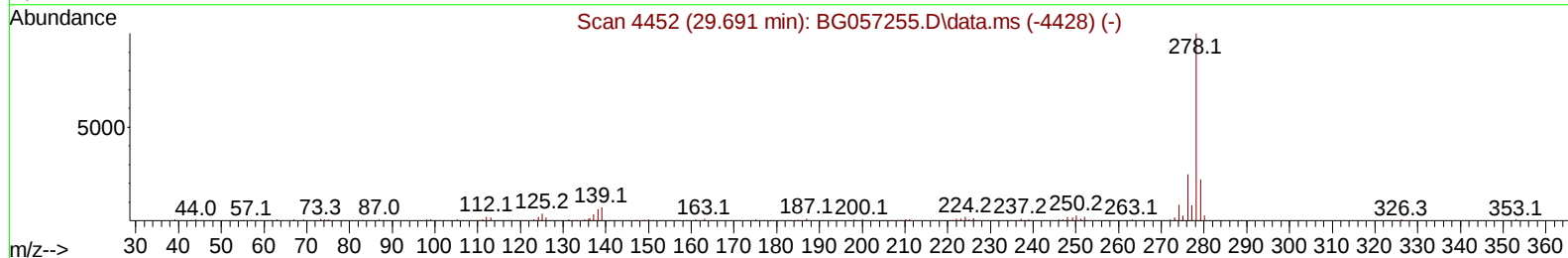
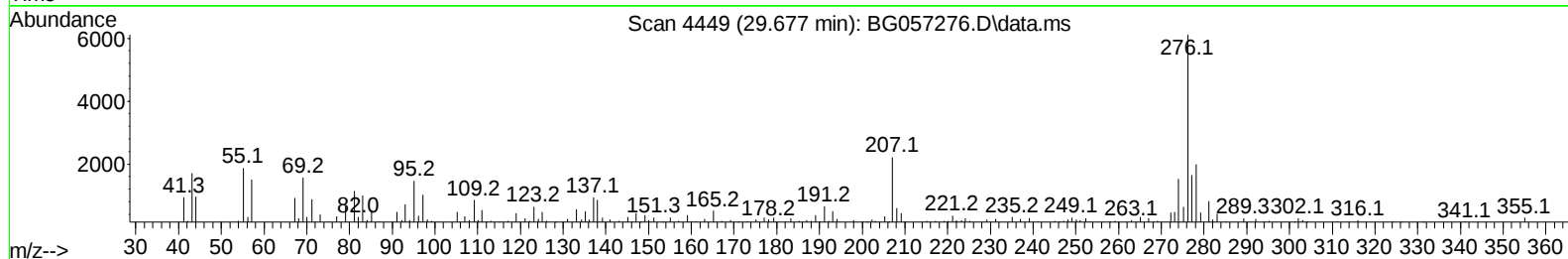
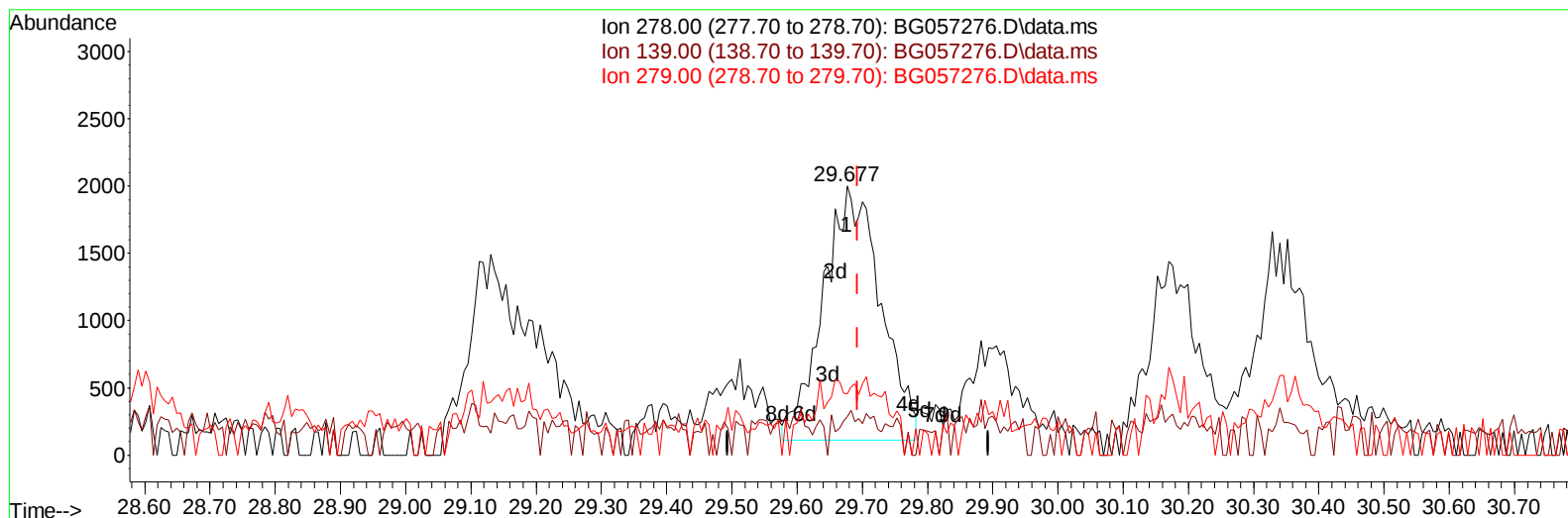
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:53:57 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
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057276.D\data.ms

(95) Dibenzo(a,h)anthracene

29.677min (-0.017) 2.10 ng/u1 m

response 11548

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	14.30#
279.00	22.90	22.75
0.00	0.00	0.00

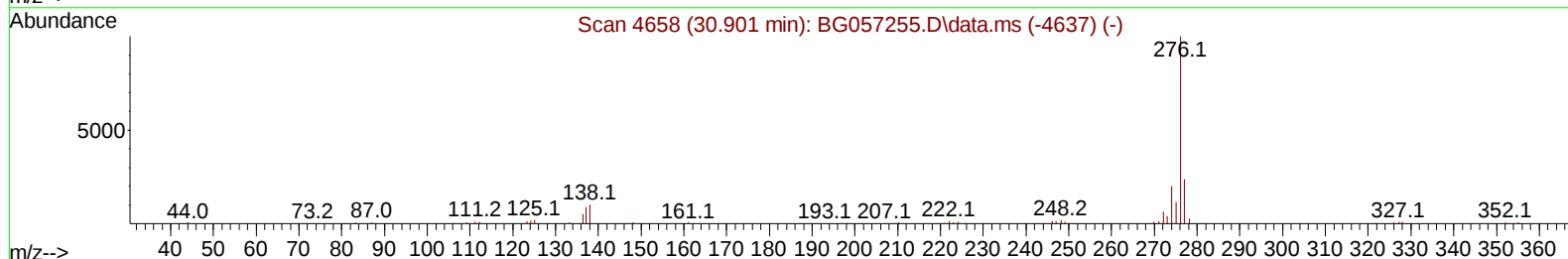
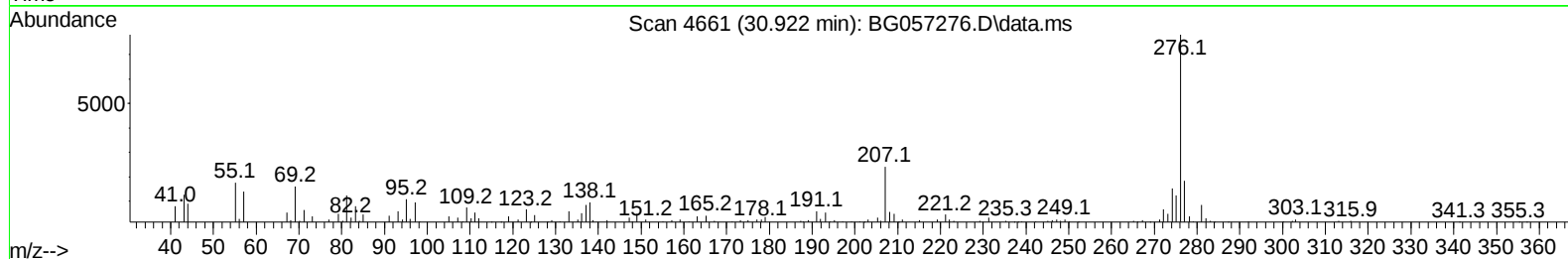
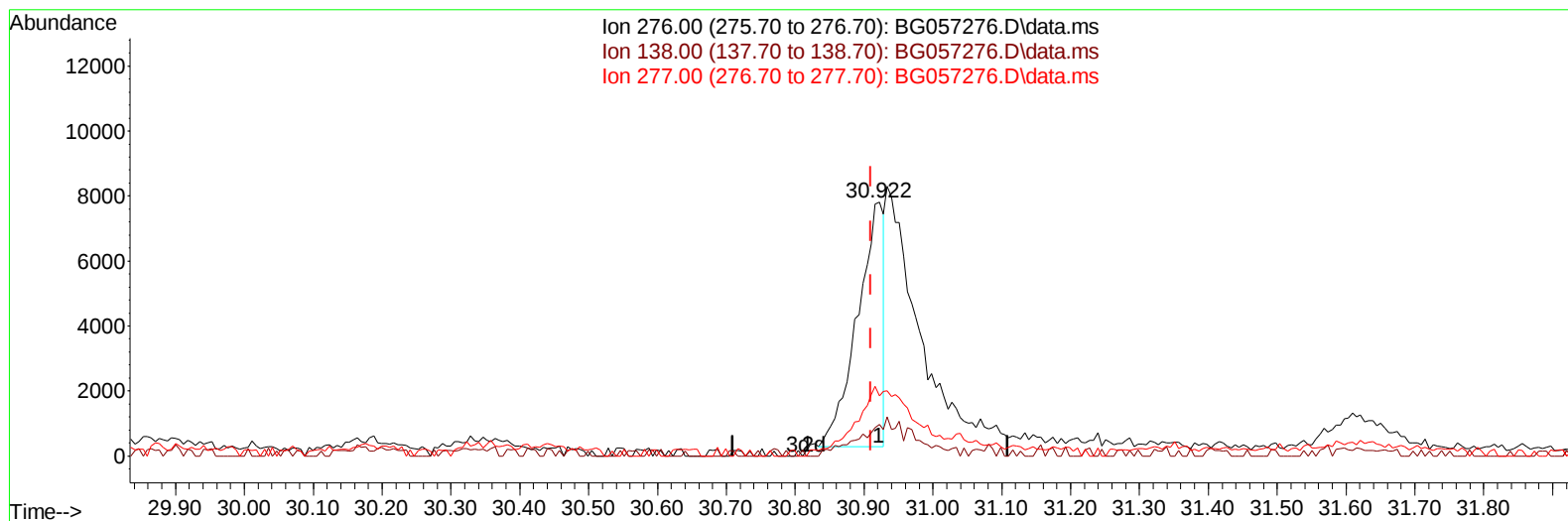
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:54:39 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057276.D\data.ms

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

30.922min (+ 0.012) 3.74 ng/u1

response 20079

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.36
277.00	23.00	23.70
0.00	0.00	0.00

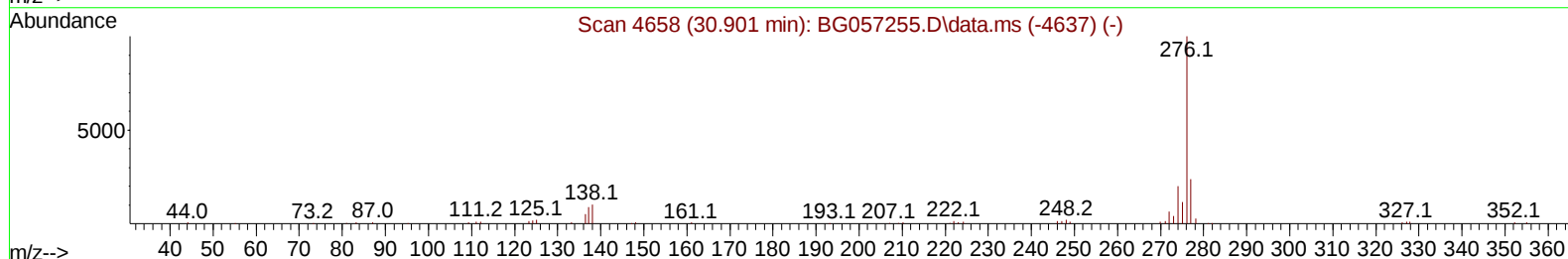
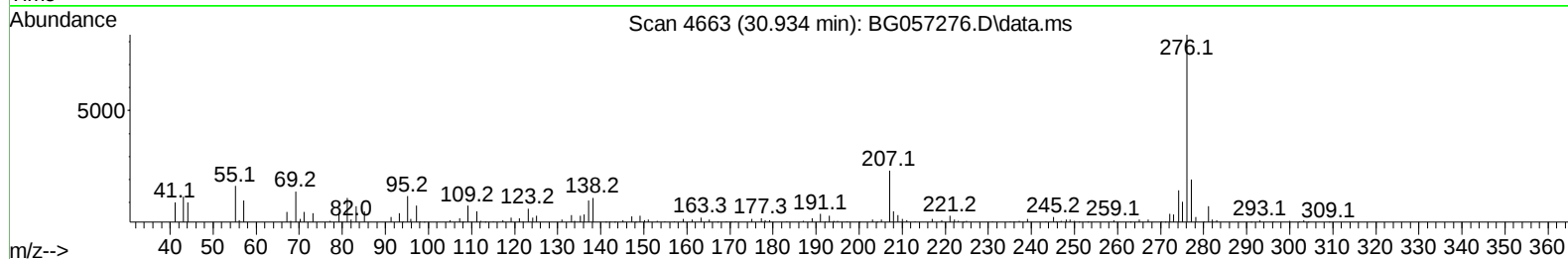
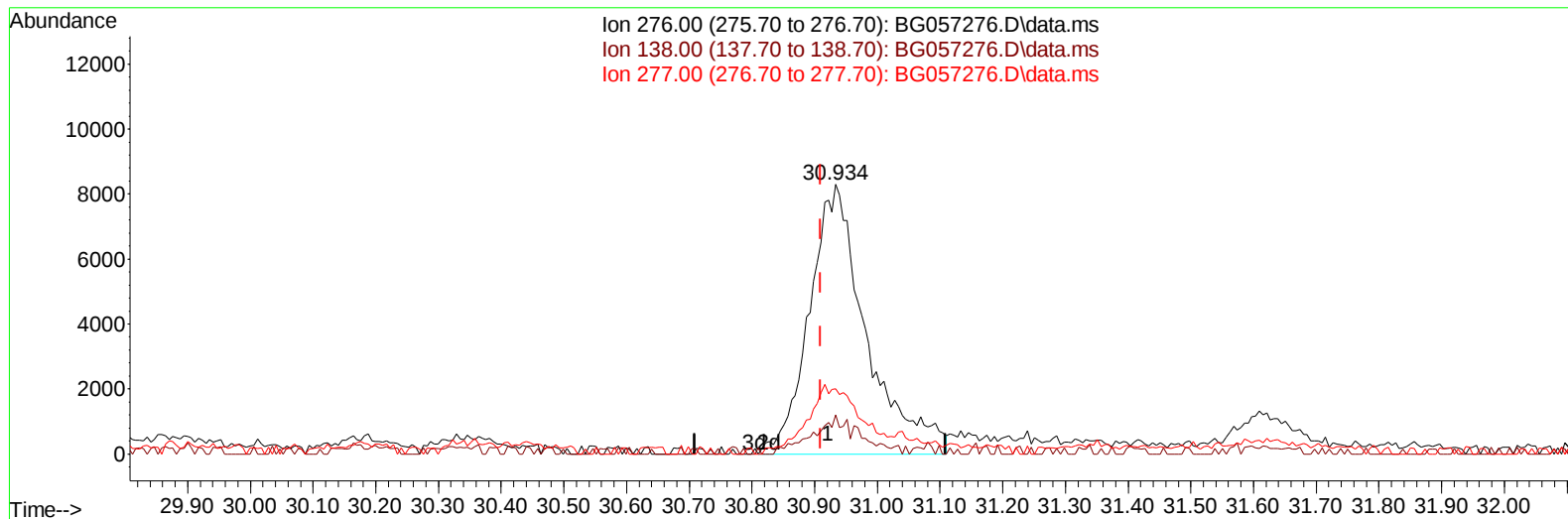
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual IntegrationsAPPROVED

Quant Time: May 03 01:54:39 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 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057276.D\data.ms

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

30.934min (+ 0.024) 9.73 ng/ul m

response 52179

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	14.60#
277.00	23.00	24.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Quant Time: May 03 01:55:05 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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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.382	152		15330	20.000	ng/ul	0.00
20) Naphthalene-d8	11.219	136		64848	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.996	164		45414	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.734	188		95590	20.000	ng/ul	0.00
79) Chrysene-d12	22.052	240		80585	20.000	ng/ul	0.00
88) Perylene-d12	25.576	264		88689	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.665	96		589	1.691	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.518	99		17775	12.261	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.683	67		10770	12.630	ng/ul	0.00
11) 2-Chlorophenol-d4	7.906	132		13317	13.939	ng/ul	0.00
15) 4-Methylphenol-d8	9.087	113		11269	10.227	ng/ul	0.00
21) Nitrobenzene-d5	9.557	128		7636	14.786	ng/ul	0.00
24) 2-Nitrophenol-d4	10.285	143		8795	14.593	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.837	165		15809	13.596	ng/ul	0.00
31) 4-Chloroaniline-d4	11.348	131		10591	6.872	ng/ul	0.00
46) Dimethylphthalate-d6	14.380	166		52246	14.519	ng/ul	0.00
49) Acenaphthylene-d8	14.691	160		61684	15.252	ng/ul	0.00
54) 4-Nitrophenol-d4	15.190	143		4041m	7.715	ng/ul	0.01
60) Fluorene-d10	15.977	176		46939	14.002	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.095	200		2498	4.411	ng/ul	0.00
73) Anthracene-d10	17.834	188		70770	16.220	ng/ul	0.00
81) Pyrene-d10	20.101	212		80812	16.895	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.330	264		73179	16.196	ng/ul	0.00
Target Compounds							
						Qvalue	
8) Phenol	7.548	94		3364	2.302	ng/ul#	89
16) Acetophenone	9.210	105		7786	4.106	ng/ul#	92
72) Phenanthrene	17.775	178		17020	3.419	ng/ul#	92
78) Di-n-butylphthalate	18.650	149		10526	2.203	ng/ul#	94
80) Fluoranthene	19.766	202		41508	7.305	ng/ul#	97
82) Pyrene	20.131	202		42315	7.356	ng/ul#	96
83) Butylbenzylphthalate	20.982	149		7469	4.055	ng/ul	92
85) Benzo(a)anthracene	22.028	228		31124	5.461	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.875	149	150798	56.286	ng/ul		95
87) Chrysene	22.099	228	34495m	6.415	ng/ul		
89) Di-n-octyl phthalate	23.180	149	7999m	1.633	ng/ul		
90) Benzo(b)fluoranthene	24.448	252	68550	11.161	ng/ul#		94
91) Benzo(k)fluoranthene	24.513	252	19687m	3.295	ng/ul		
93) Benzo(a)pyrene	25.412	252	42121	7.944	ng/ul#		98
94) Indeno(1,2,3-cd)pyrene	29.653	276	42736m	6.448	ng/ul		
95) Dibenzo(a,h)anthracene	29.677	278	11548m	2.101	ng/ul		
96) Benzo(g,h,i)perylene	30.934	276	52179m	9.727	ng/ul		

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

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