

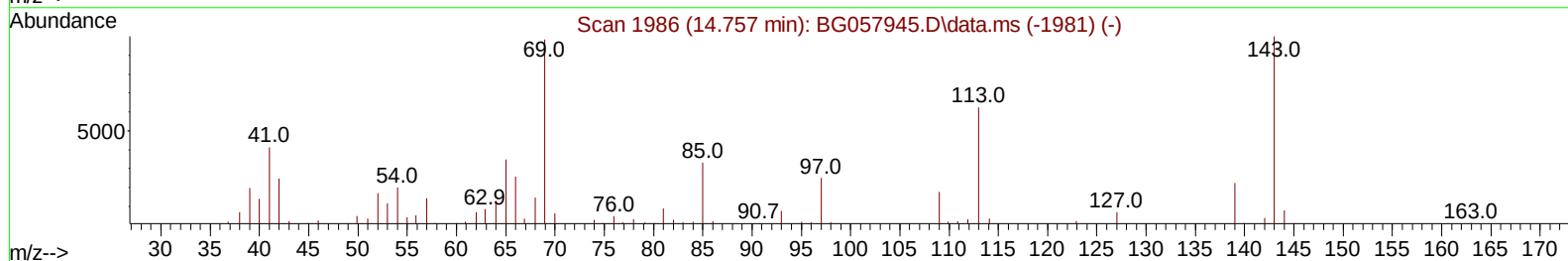
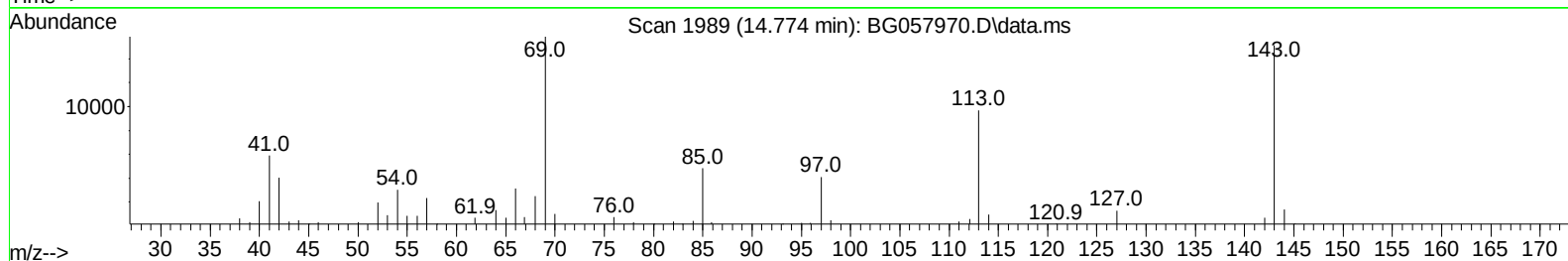
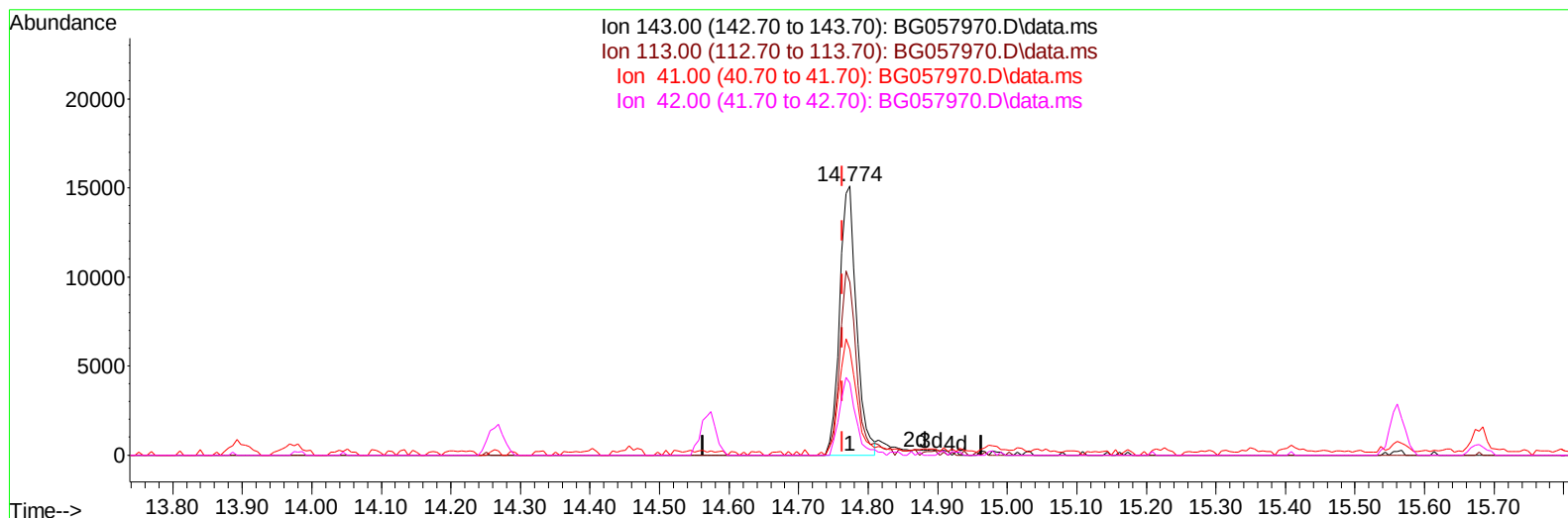
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057970.D
Acq On : 4 Jul 2023 1:27
Operator : CG/JU
Sample : 03247-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL9

Manual IntegrationsAPPROVED

Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 04:46:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration



TIC: BG057970.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.774min (+ 0.011) 13.63 ng/ul

response 25560

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	66.40	64.17
41.00	40.50	39.23
42.00	27.50	26.87

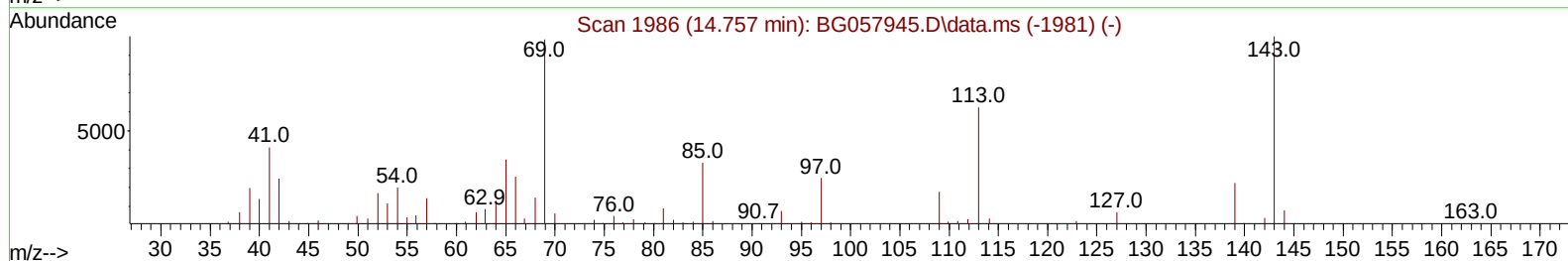
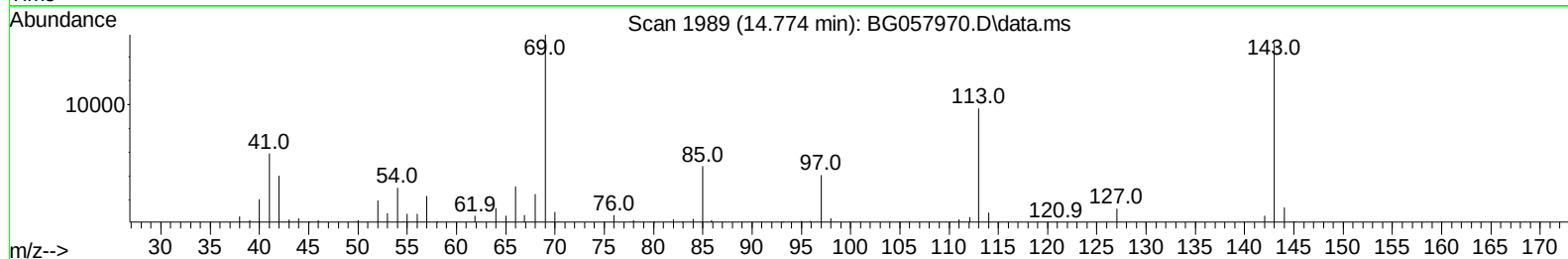
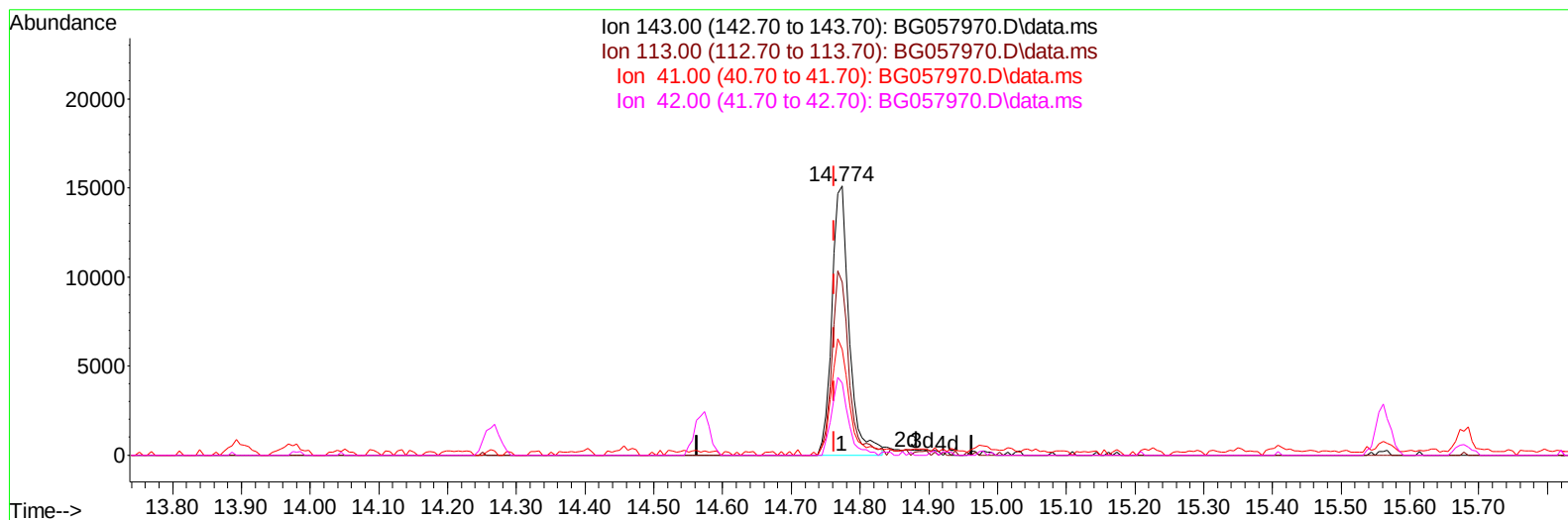
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057970.D
 Acq On : 4 Jul 2023 1:27
 Operator : CG/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:46:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057970.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.774min (+ 0.011) 14.11 ng/ul m

response 26462

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	66.40	64.17
41.00	40.50	39.23
42.00	27.50	26.87

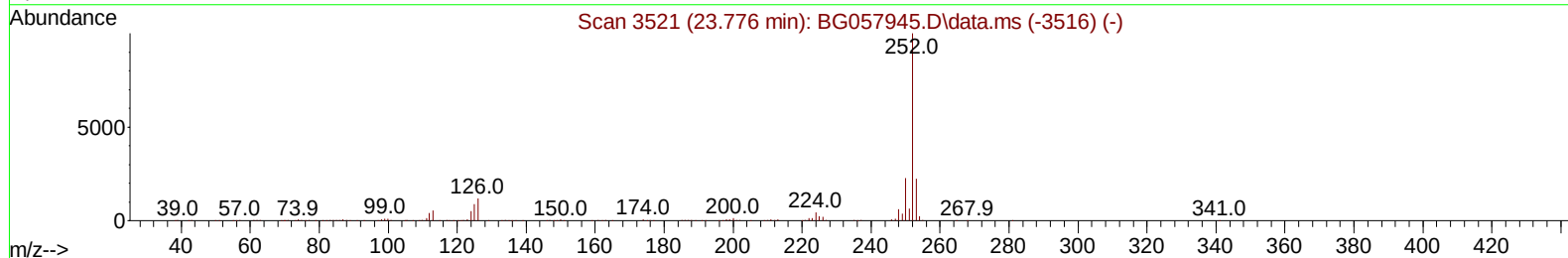
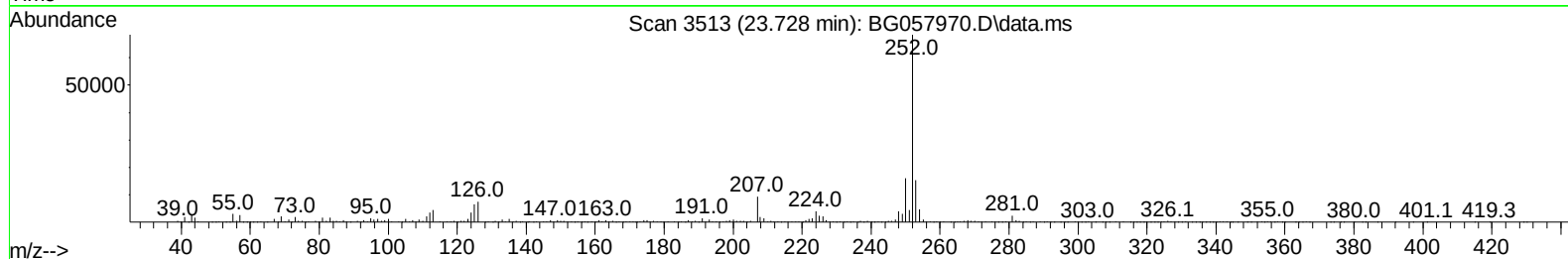
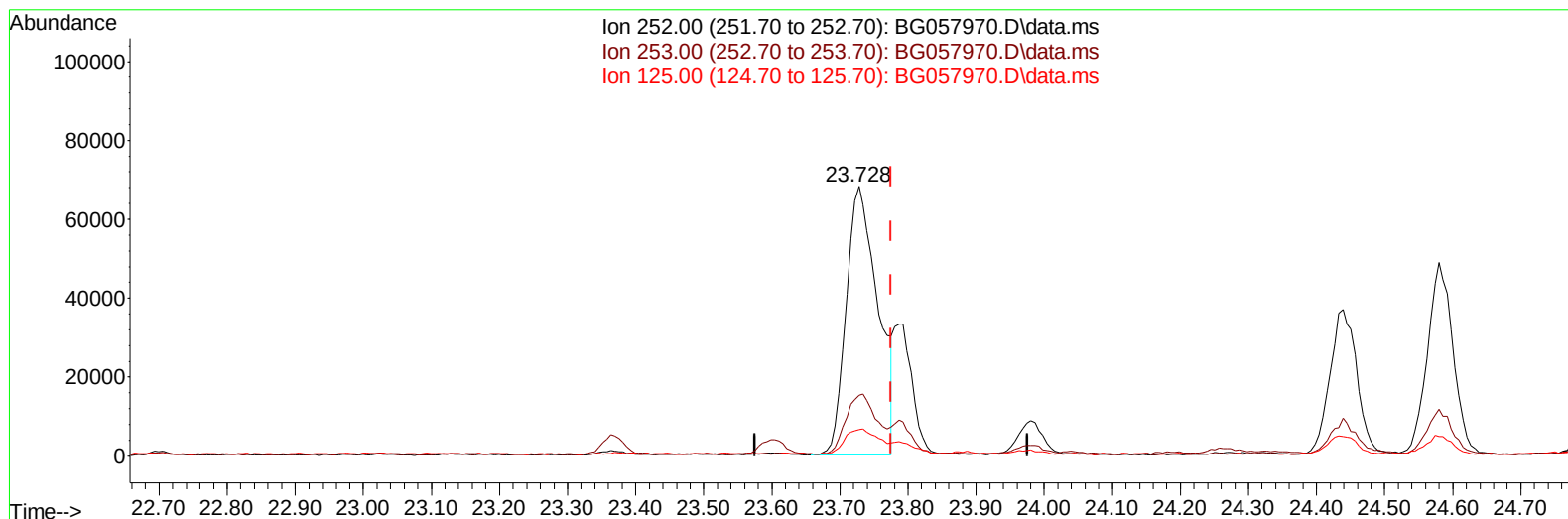
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057970.D
 Acq On : 4 Jul 2023 1:27
 Operator : CG/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:53:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057970.D\data.ms

(91) Benzo(k)fluoranthene

23.728min (-0.048) 12.18 ng/u1

response 220105

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.43
125.00	9.30	9.74
0.00	0.00	0.00

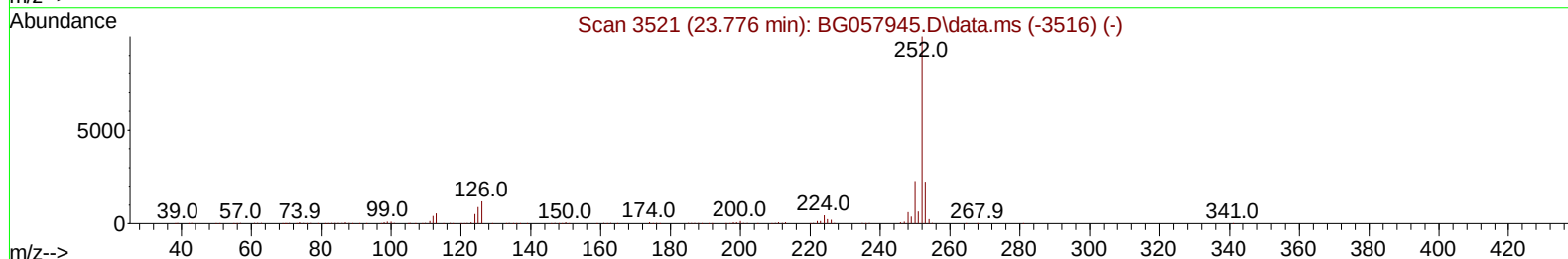
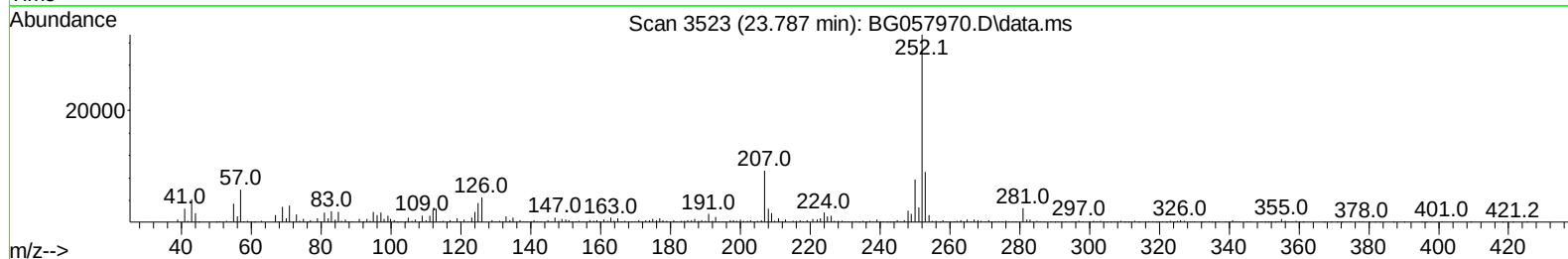
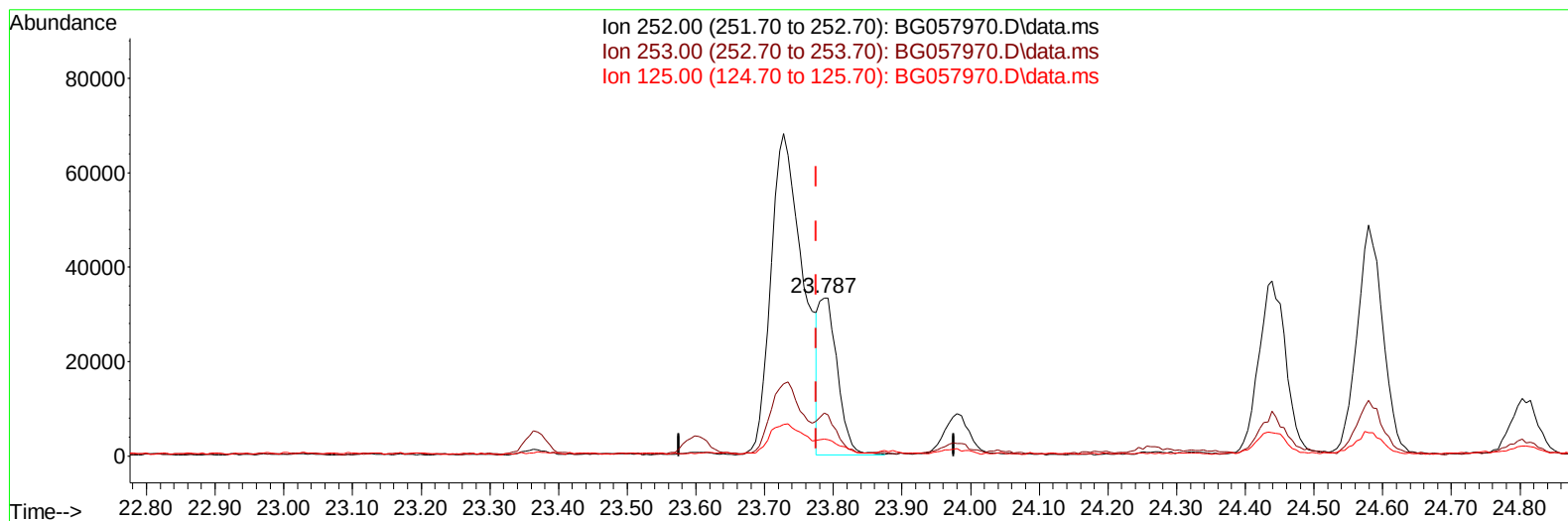
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057970.D
 Acq On : 4 Jul 2023 1:27
 Operator : CG/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:53:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057970.D\data.ms

(91) Benzo(k)fluoranthene

23.787min (+ 0.011) 3.46 ng/ul m

response 62542

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	27.09#
125.00	9.30	10.65
0.00	0.00	0.00

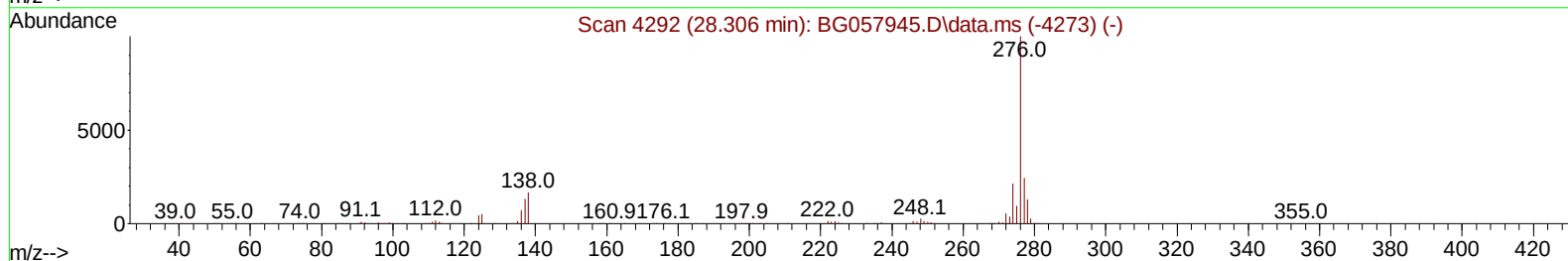
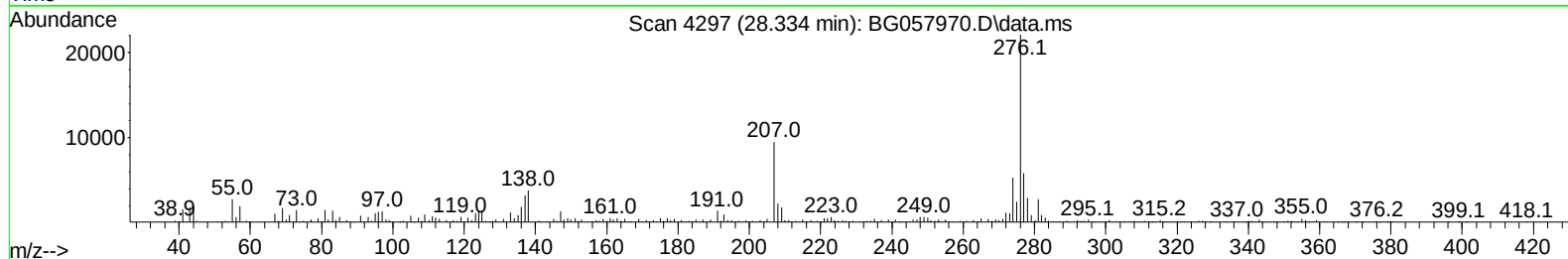
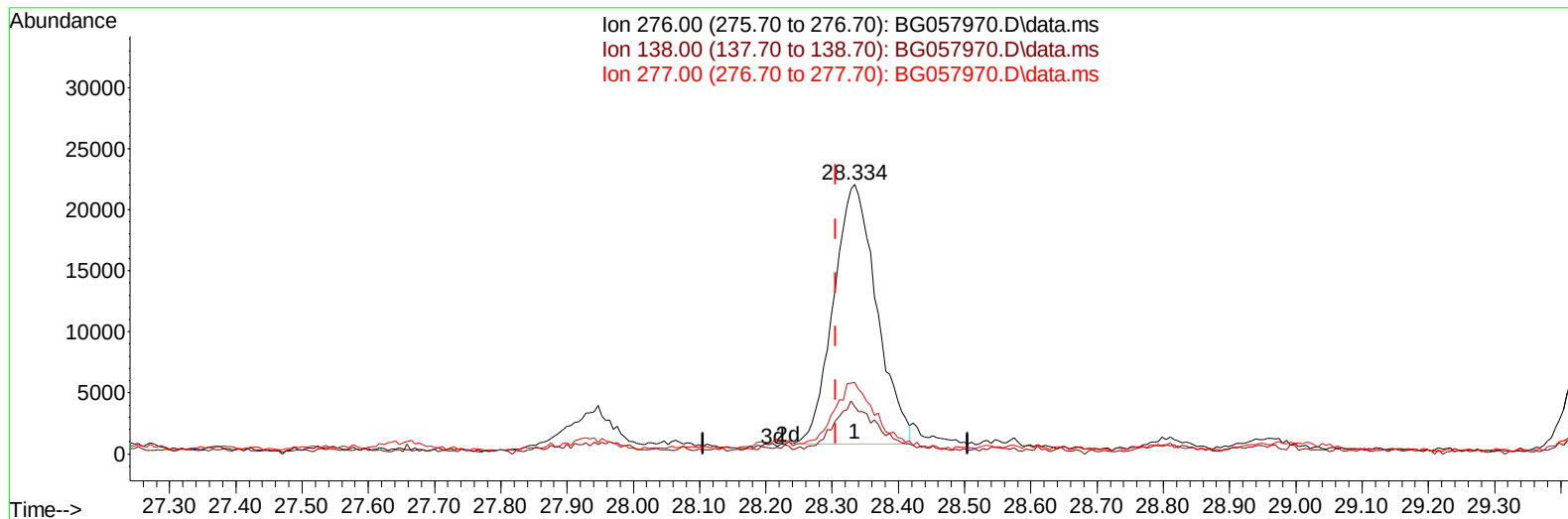
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057970.D
 Acq On : 4 Jul 2023 1:27
 Operator : CG/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:53:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057970.D\data.ms

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

28.334min (+ 0.028) 4.44 ng/u1

response 96171

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.50	17.61
277.00	24.30	26.56
0.00	0.00	0.00

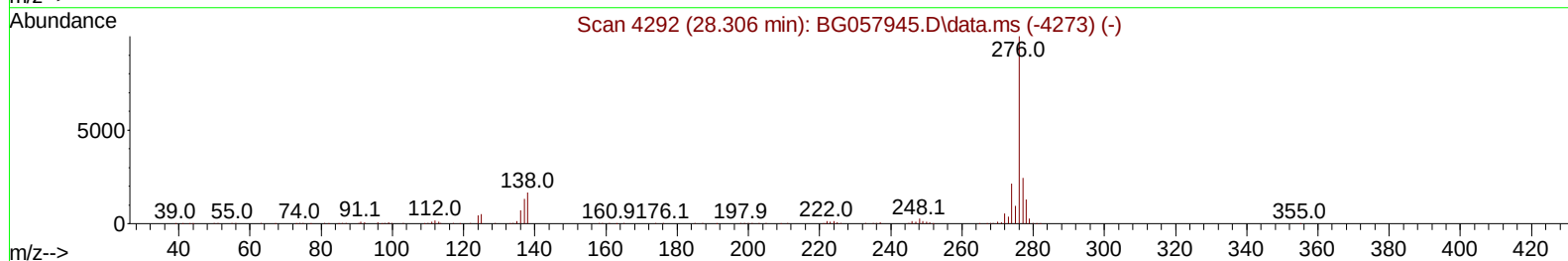
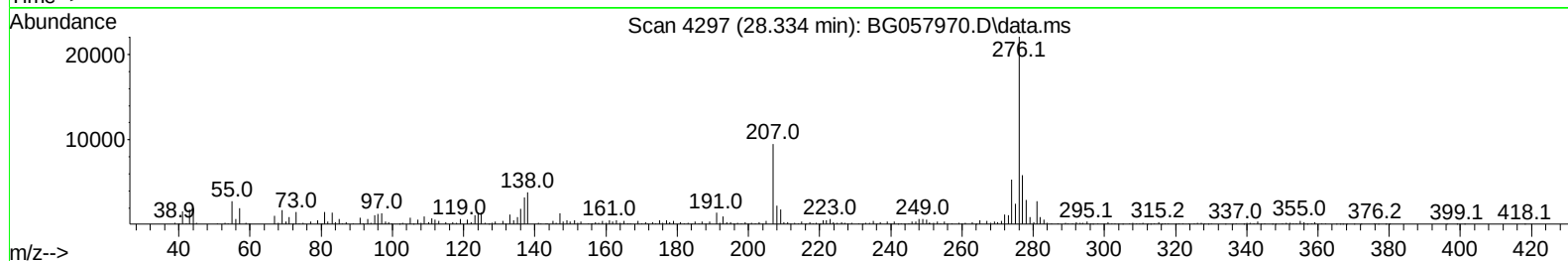
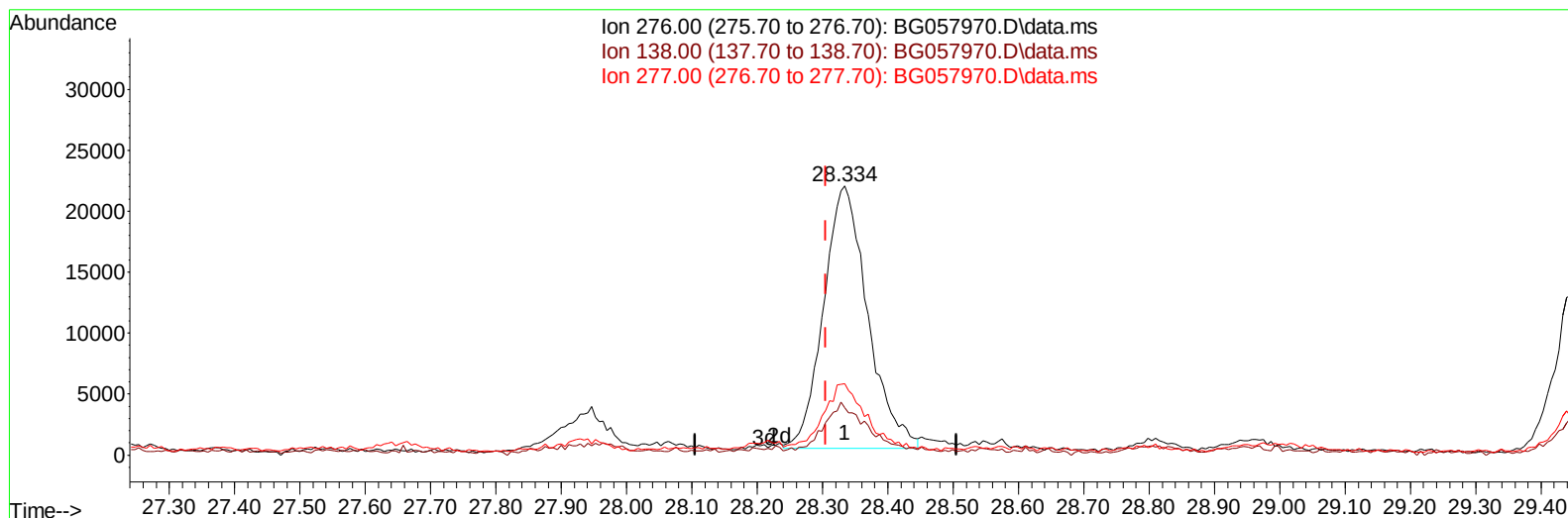
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057970.D
 Acq On : 4 Jul 2023 1:27
 Operator : CG/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:53:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057970.D\data.ms

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

28.334min (+ 0.028) 4.68 ng/ul m

response 101411

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.50	17.61
277.00	24.30	26.56
0.00	0.00	0.00

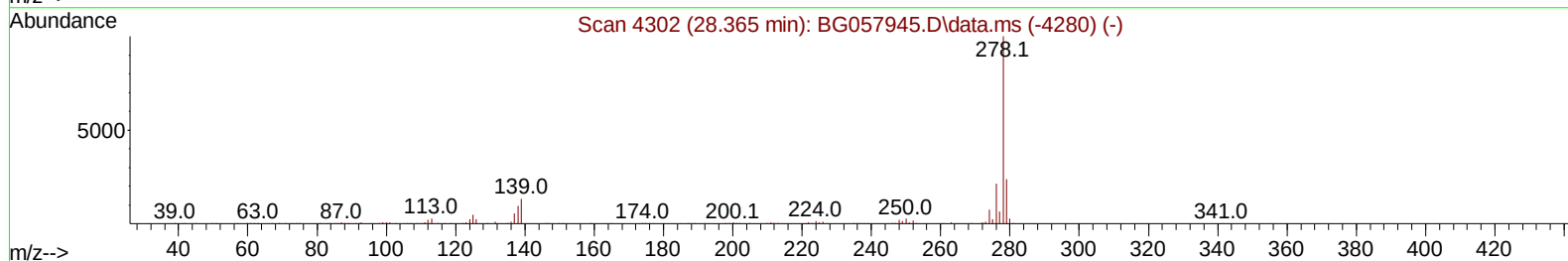
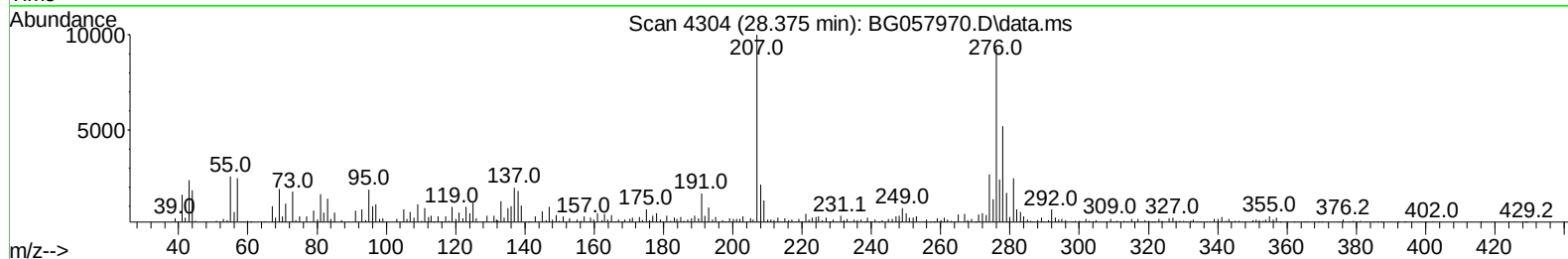
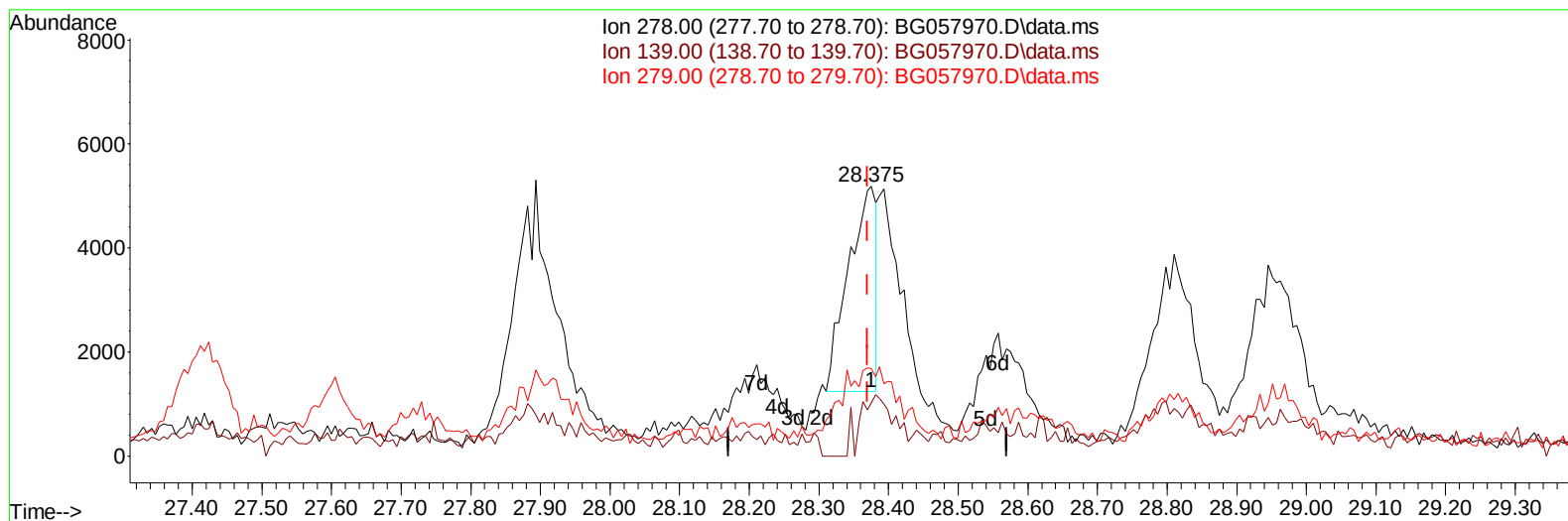
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057970.D
 Acq On : 4 Jul 2023 1:27
 Operator : CG/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:54:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057970.D\data.ms

(95) Dibenzo(a,h)anthracene

28.375min (+ 0.005) 0.60 ng/ul

response 10756

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	19.61#
279.00	23.60	32.46#
0.00	0.00	0.00

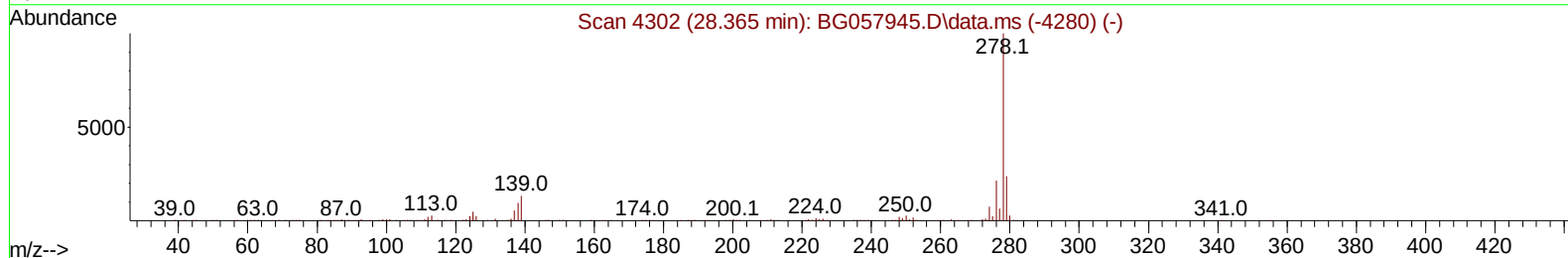
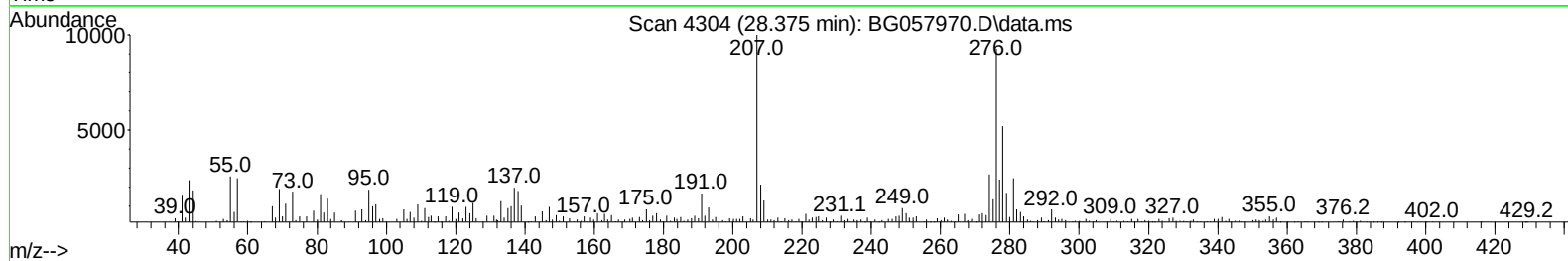
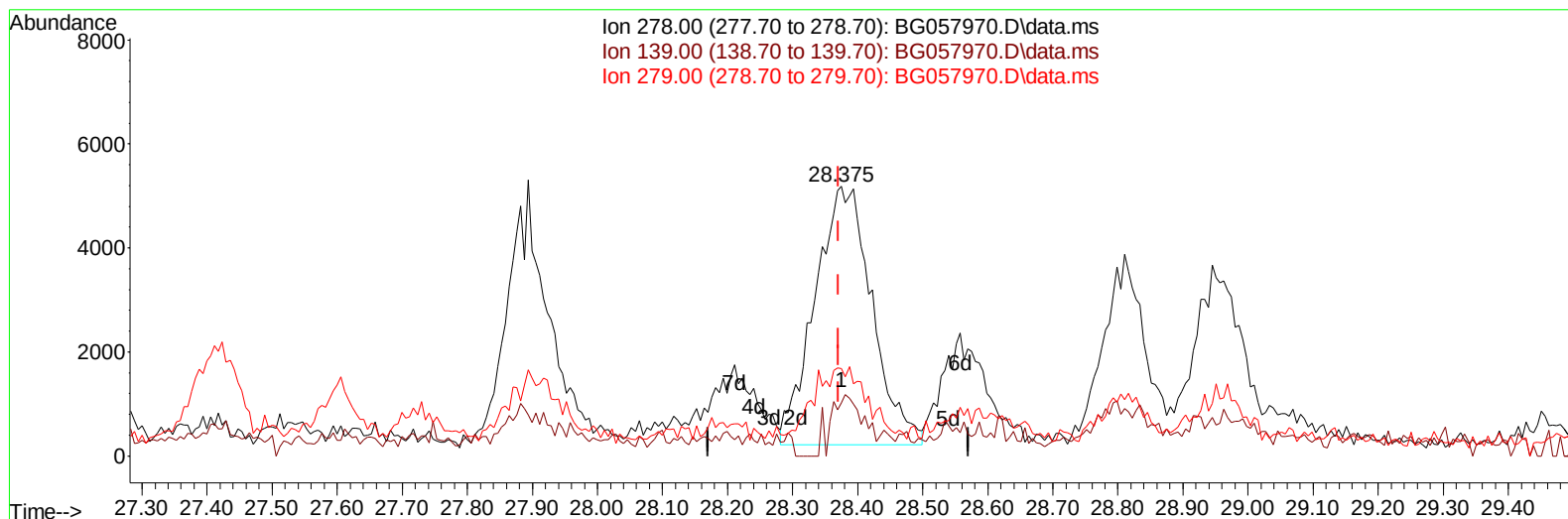
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057970.D
 Acq On : 4 Jul 2023 1:27
 Operator : CG/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:54:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057970.D\data.ms

(95) Dibenzo(a,h)anthracene

28.375min (+ 0.005) 1.69 ng/ul m

response 30147

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	19.61#
279.00	23.60	32.46#
0.00	0.00	0.00

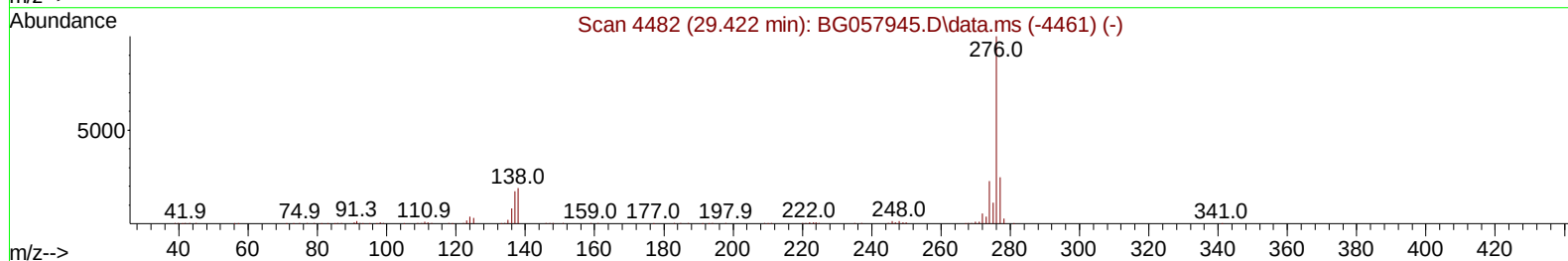
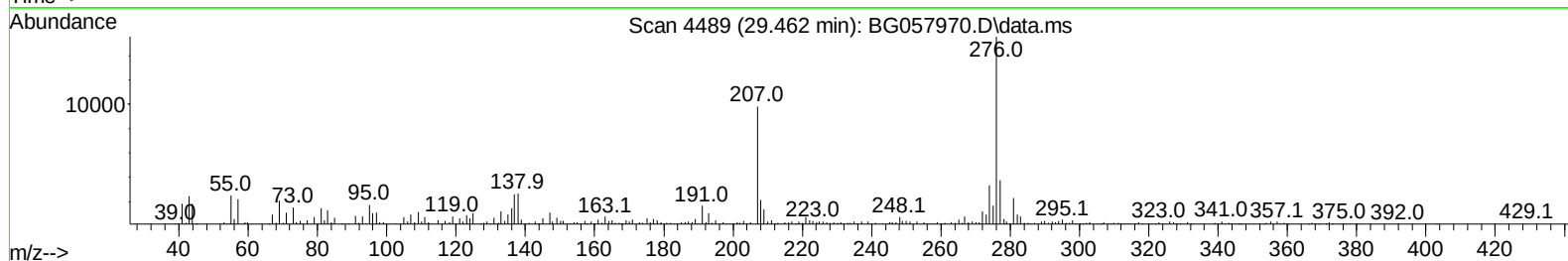
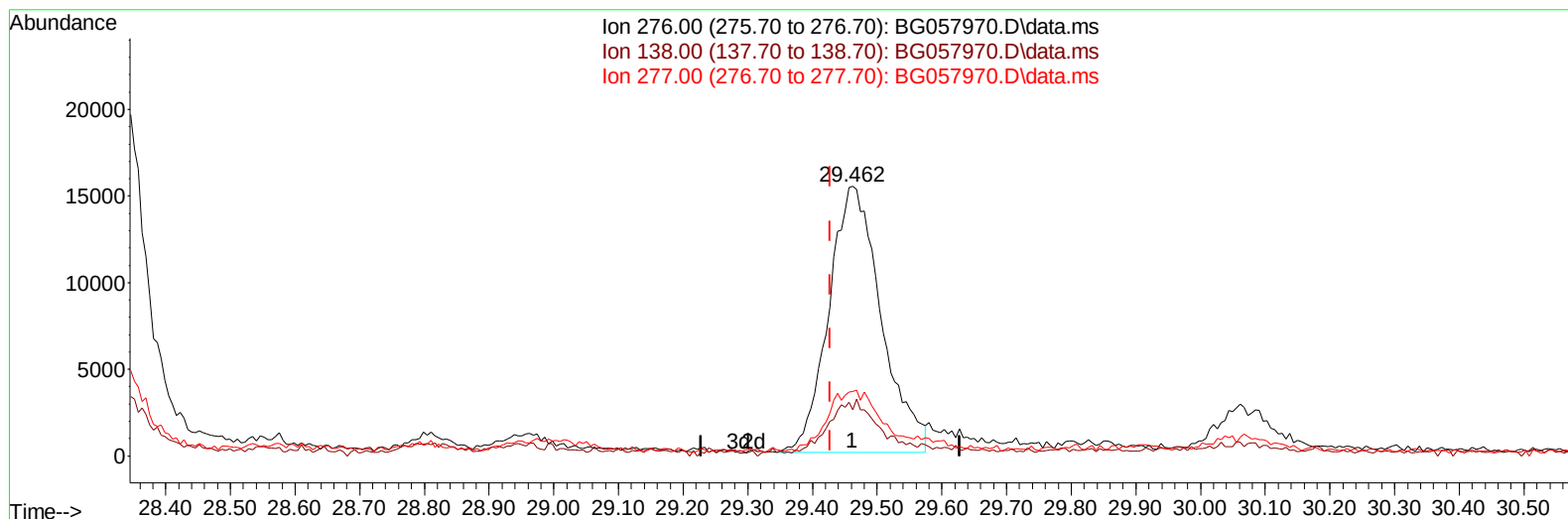
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057970.D
 Acq On : 4 Jul 2023 1:27
 Operator : CG/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:55:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057970.D\data.ms

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

29.462min (+ 0.034) 4.89 ng/u1

response 86620

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	17.17
277.00	23.20	23.97
0.00	0.00	0.00

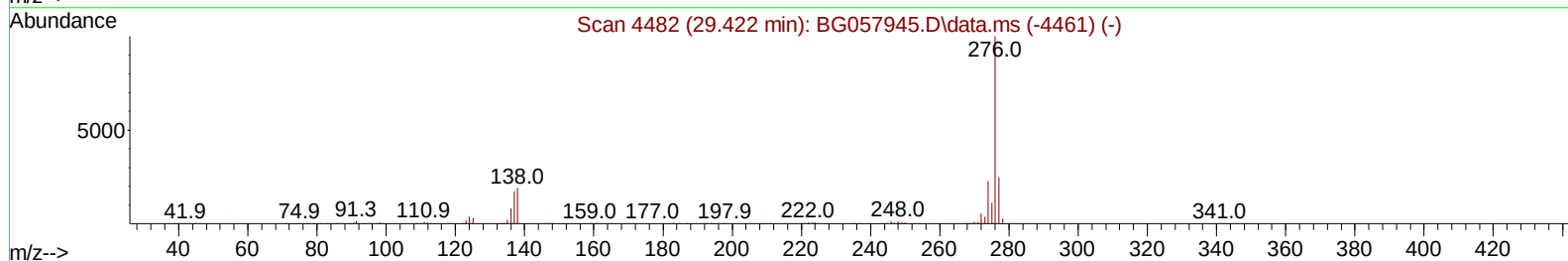
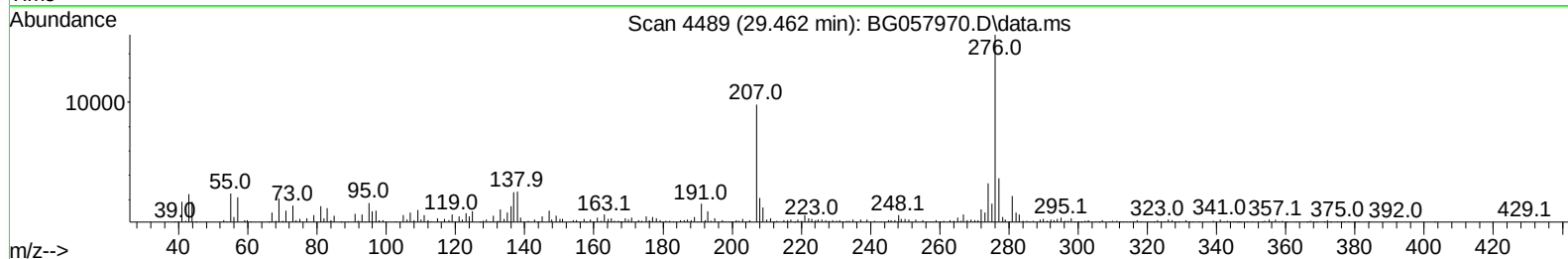
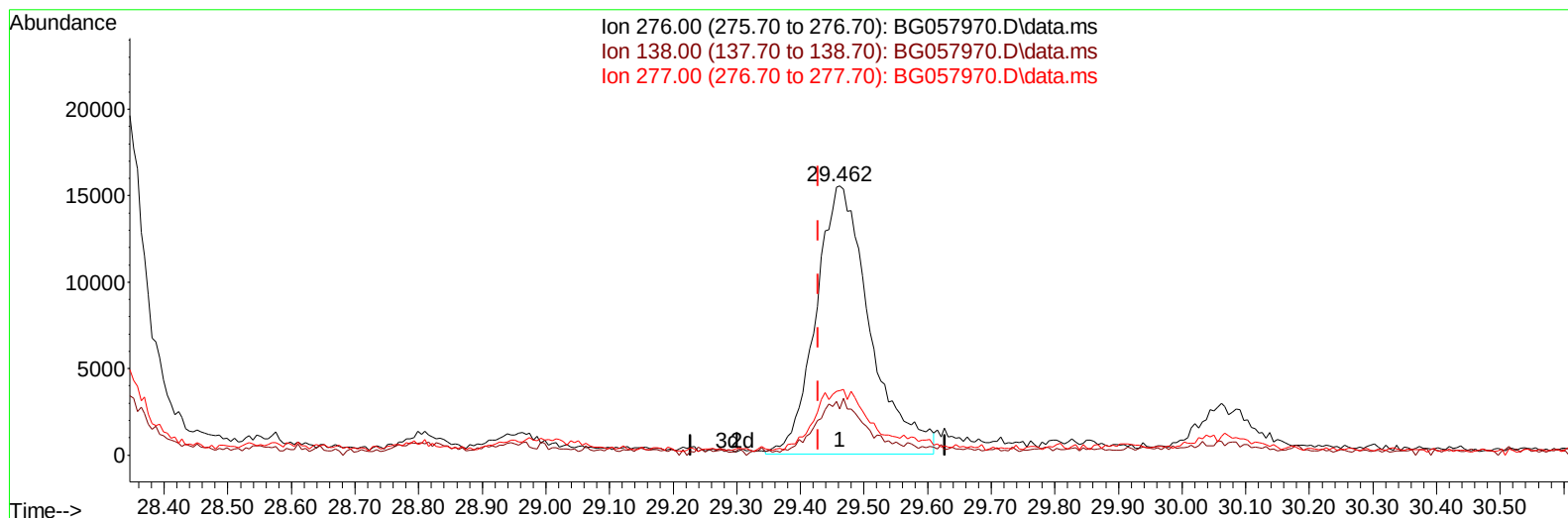
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057970.D
 Acq On : 4 Jul 2023 1:27
 Operator : CG/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:55:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BG057970.D\data.ms

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

29.462min (+ 0.034) 5.17 ng/ul m

response 91484

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	17.17
277.00	23.20	23.97
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057970.D
 Acq On : 4 Jul 2023 1:27
 Operator : CG/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:55:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	41805	20.000	ng/ul	0.01
20) Naphthalene-d8	10.743	136	196779	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.574	164	134491	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.318	188	294329	20.000	ng/ul	0.01
79) Chrysene-d12	21.571	240	240157	20.000	ng/ul	0.01
88) Perylene-d12	24.733	264	297818	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3380	2.831	ng/uL	0.01
4) Pyridine-d5	3.792	84	3274	0.903	ng/ul	0.02
7) Phenol-d5	7.100	99	75002	17.568	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.265	67	48147	18.714	ng/ul	0.00
11) 2-Chlorophenol-d4	7.470	132	56939	19.337	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	37214	11.552	ng/ul	0.00
21) Nitrobenzene-d5	9.098	128	30347	18.922	ng/ul	0.00
24) 2-Nitrophenol-d4	9.821	143	32596	19.338	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.361	165	61696	19.080	ng/ul	0.00
31) 4-Chloroaniline-d4	10.884	131	28126	5.737	ng/ul	0.02
46) Dimethylphthalate-d6	13.975	166	195956	18.466	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	230784	19.930	ng/ul	0.01
54) 4-Nitrophenol-d4	14.774	143	26462m	14.115	ng/ul	0.01
60) Fluorene-d10	15.561	176	176933	19.633	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	21340	13.352	ng/ul	0.01
73) Anthracene-d10	17.412	188	255682	18.721	ng/ul	0.00
81) Pyrene-d10	19.703	212	302841	20.022	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.509	264	296722	19.556	ng/ul	0.01
Target Compounds						
						Qvalue
72) Phenanthrene	17.359	178	59065	3.945	ng/ul	98
80) Fluoranthene	19.368	202	226398	12.918	ng/ul	99
82) Pyrene	19.732	202	182339	10.336	ng/ul	99
85) Benzo(a)anthracene	21.548	228	112796	6.541	ng/ul	99
87) Chrysene	21.613	228	135030	8.353	ng/ul	97
90) Benzo(b)fluoranthene	23.728	252	220105	11.936	ng/ul	99
91) Benzo(k)fluoranthene	23.787	252	62542m	3.460	ng/ul	
93) Benzo(a)pyrene	24.580	252	124492	7.628	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.334	276	101411m	4.679	ng/ul	
95) Dibenzo(a,h)anthracene	28.375	278	30147m	1.687	ng/ul	
96) Benzo(g,h,i)perylene	29.462	276	91484m	5.168	ng/ul	

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

