

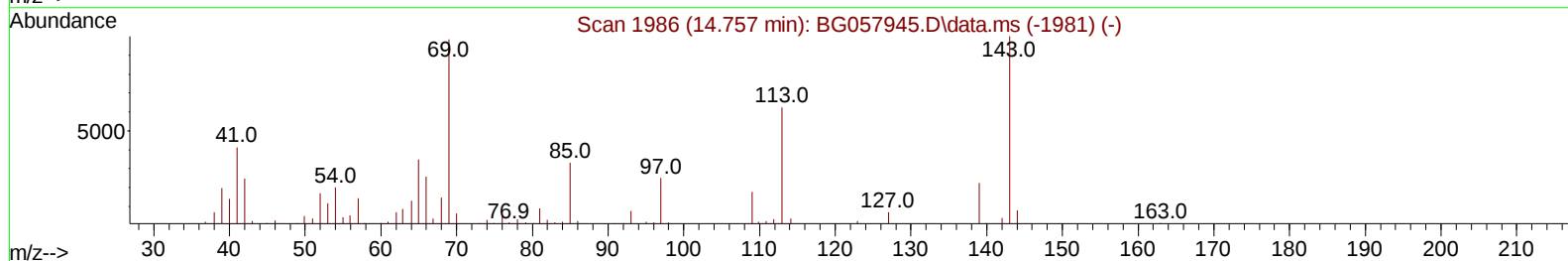
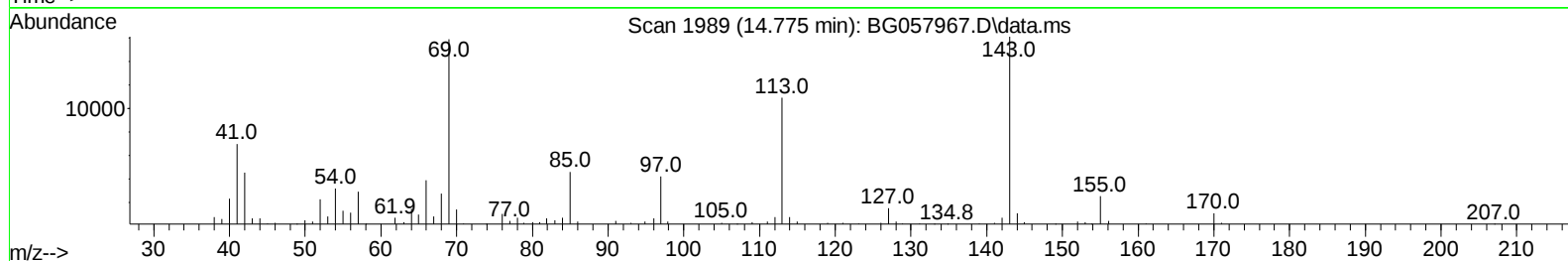
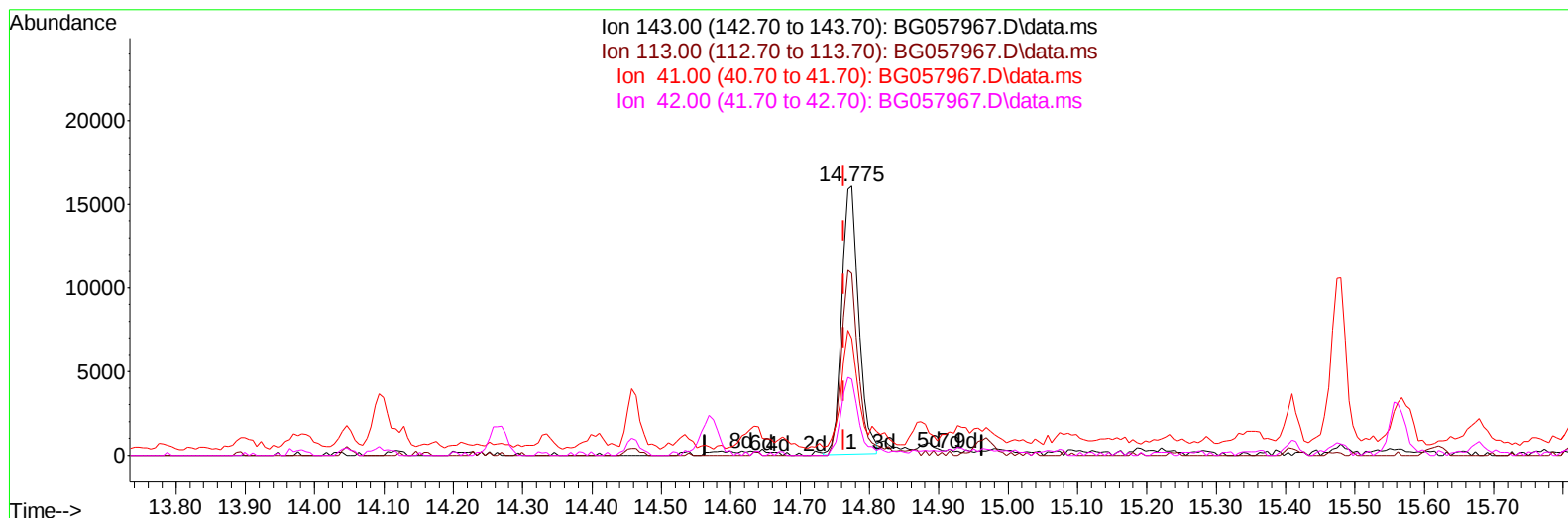
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057967.D
 Acq On : 3 Jul 2023 23:20
 Operator : CG/JU
 Sample : 03246-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 00:57:02 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: BG057967.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.775min (+ 0.012) 13.66 ng/u1

response 27156

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	66.40	67.63
41.00	40.50	43.33
42.00	27.50	28.19

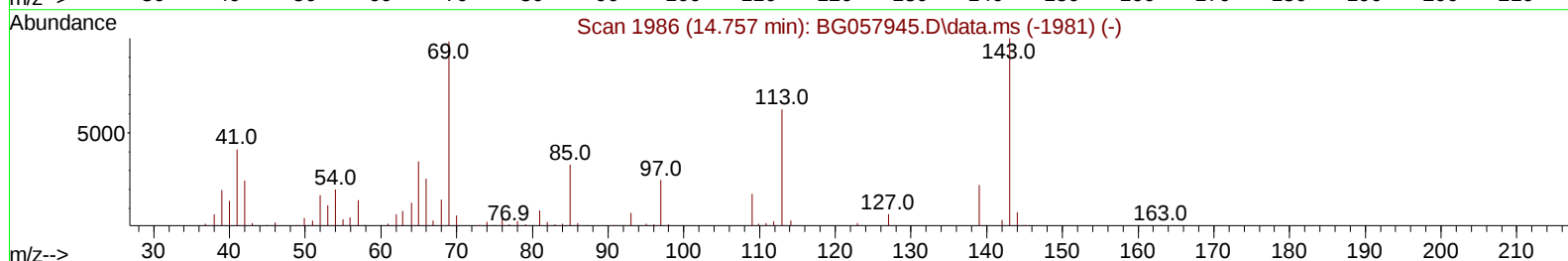
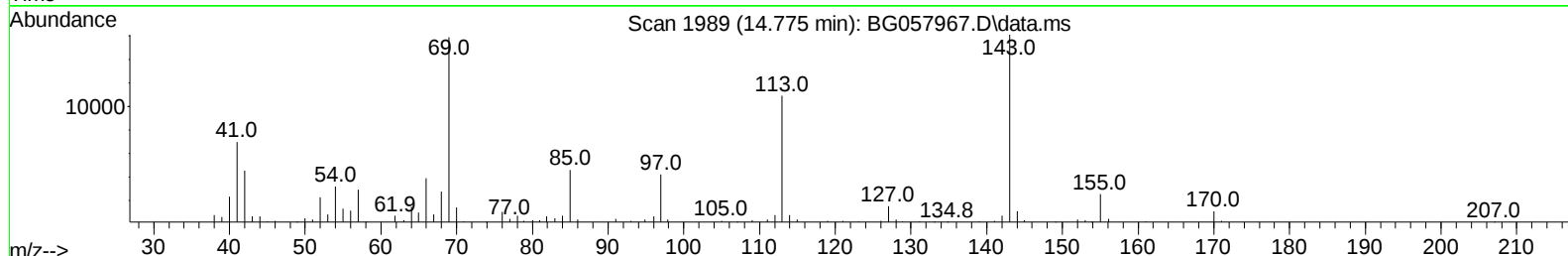
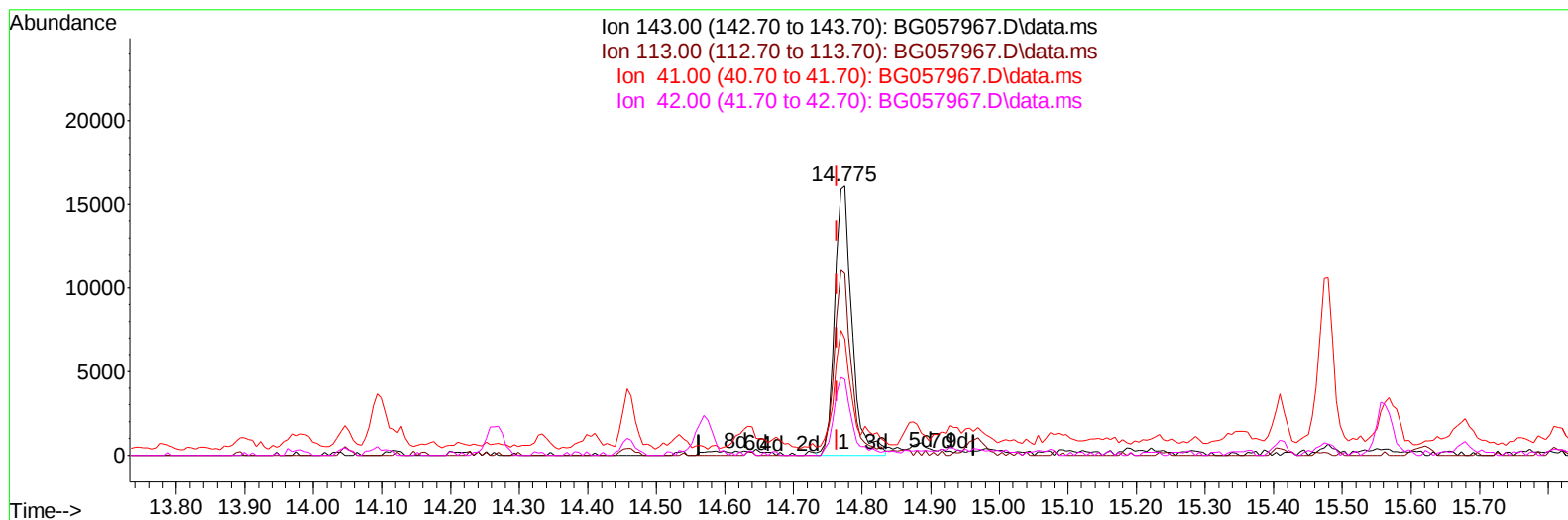
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057967.D
 Acq On : 3 Jul 2023 23:20
 Operator : CG/JU
 Sample : 03246-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:28:30 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: BG057967.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.775min (+ 0.012) 14.29 ng/ul m

response 28405

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	66.40	67.63
41.00	40.50	43.33
42.00	27.50	28.19

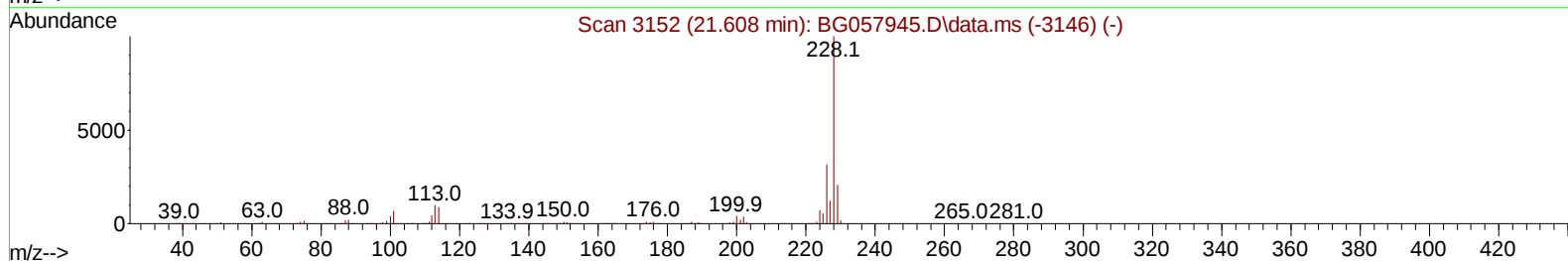
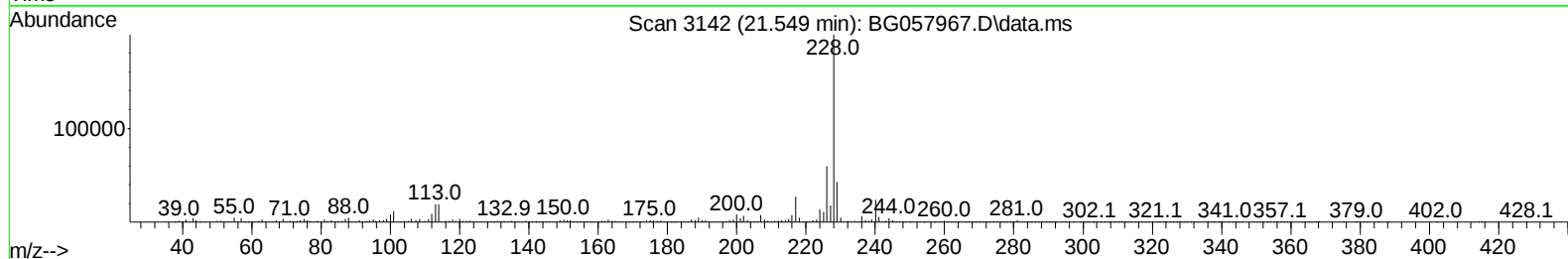
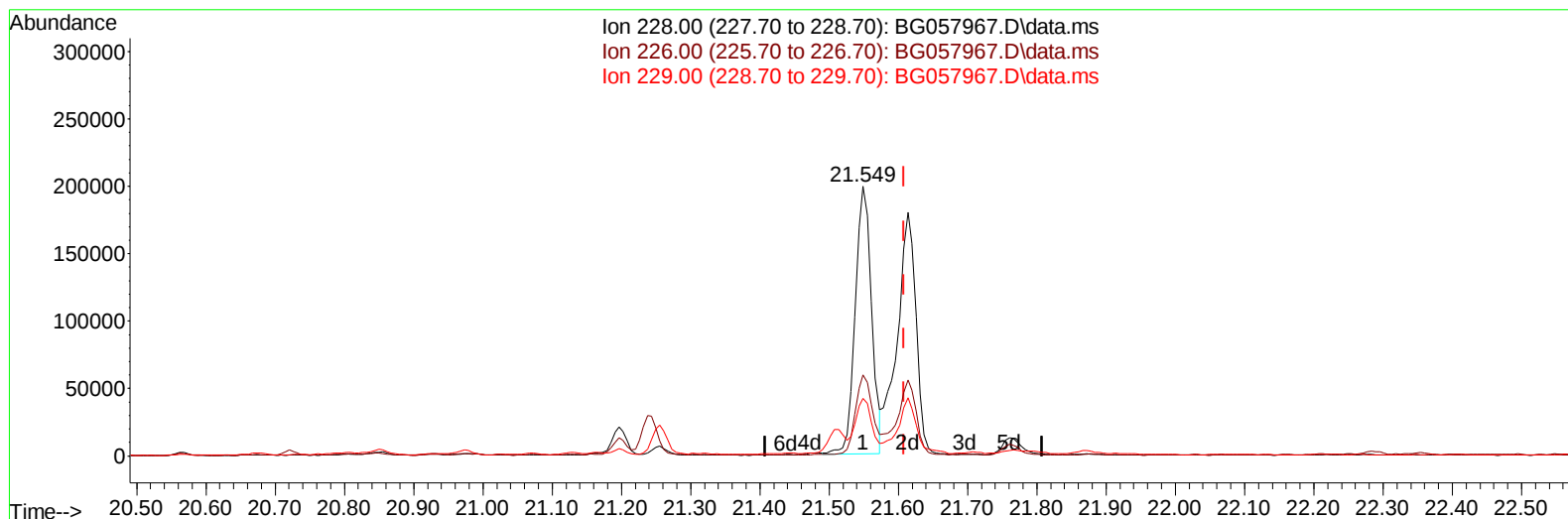
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057967.D
 Acq On : 3 Jul 2023 23:20
 Operator : CG/JU
 Sample : 03246-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:29:17 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: BG057967.D\data.ms

(87) Chrysene

21.549min (-0.059) 20.32 ng/u1

response 325039

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	30.04
229.00	19.40	21.37
0.00	0.00	0.00

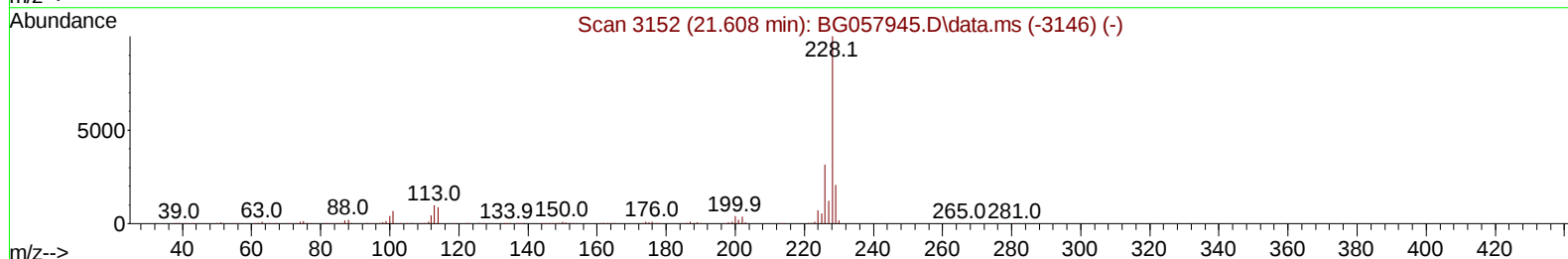
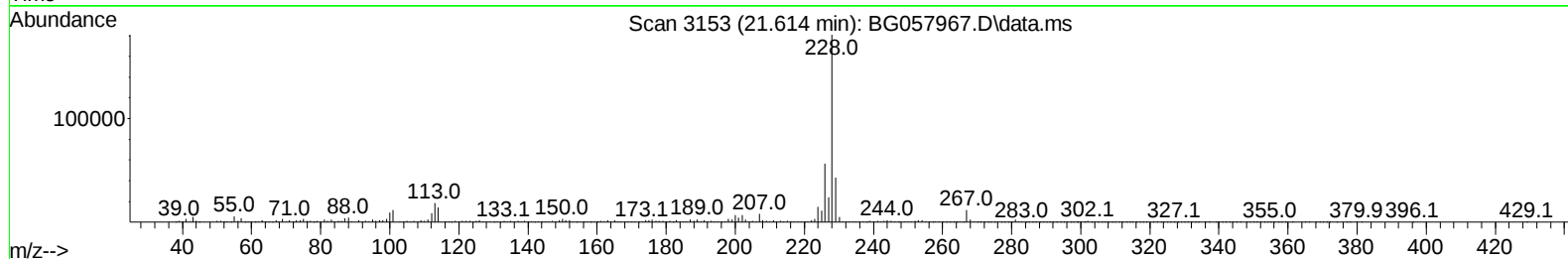
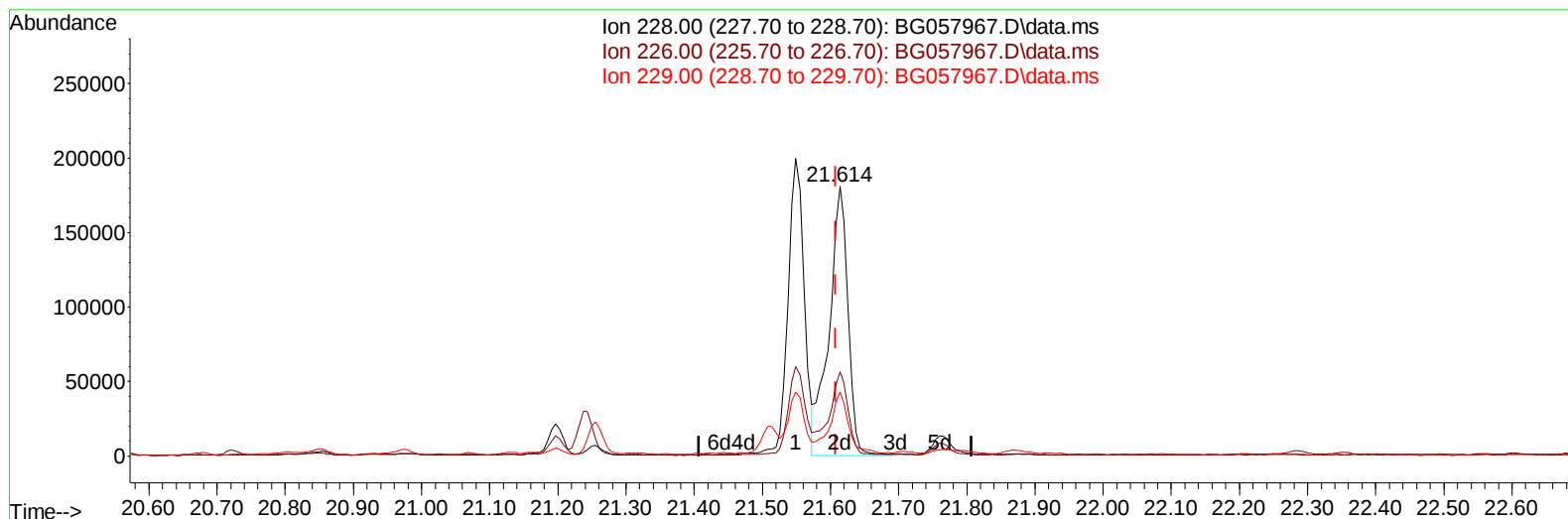
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057967.D
 Acq On : 3 Jul 2023 23:20
 Operator : CG/JU
 Sample : 03246-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:29:17 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: BG057967.D\data.ms

(87) Chrysene

21.614min (+ 0.006) 21.72 ng/ul m

response 347436

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	31.22
229.00	19.40	23.76#
0.00	0.00	0.00

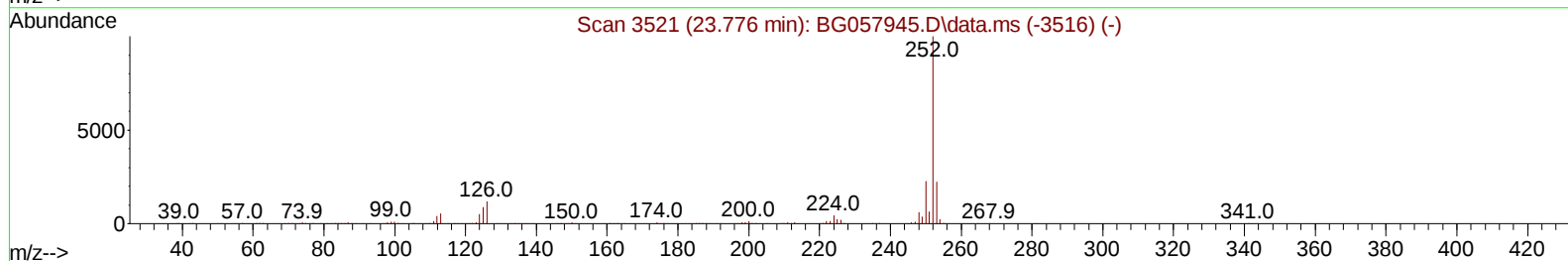
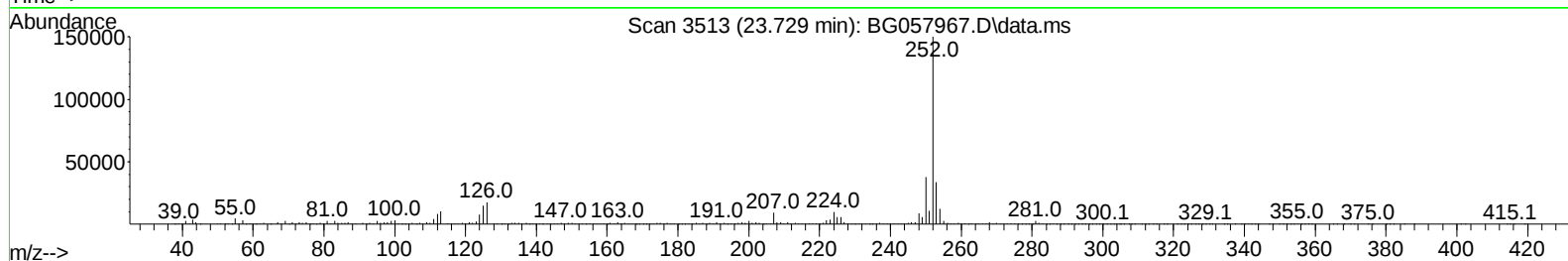
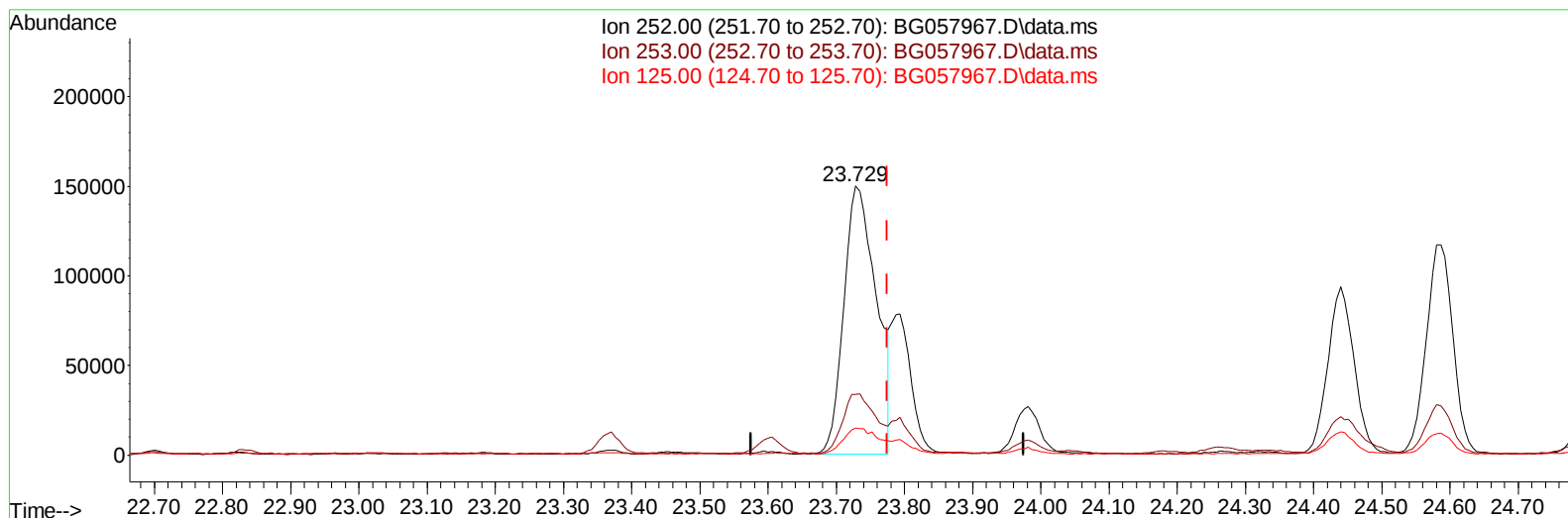
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057967.D
Acq On : 3 Jul 2023 23:20
Operator : CG/JU
Sample : 03246-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGJ6

Manual IntegrationsAPPROVED

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

Quant Time: Jul 04 04:29:17 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: BG057967.D\data.ms

(91) Benzo(k)fluoranthene

23.729min (-0.047) 27.46 ng/u1

response 497748

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.57
125.00	9.30	9.98
0.00	0.00	0.00

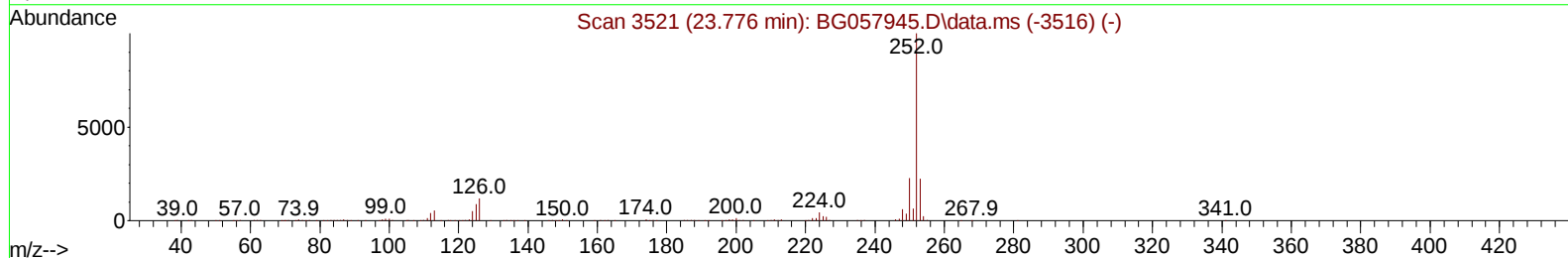
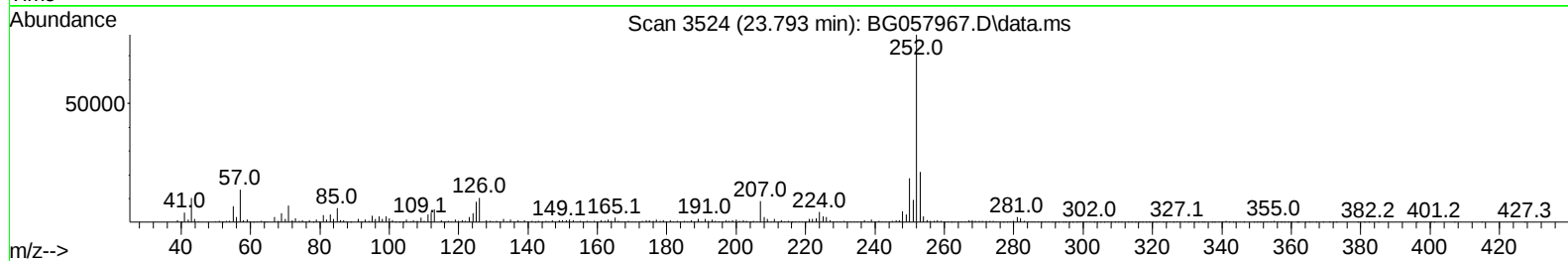
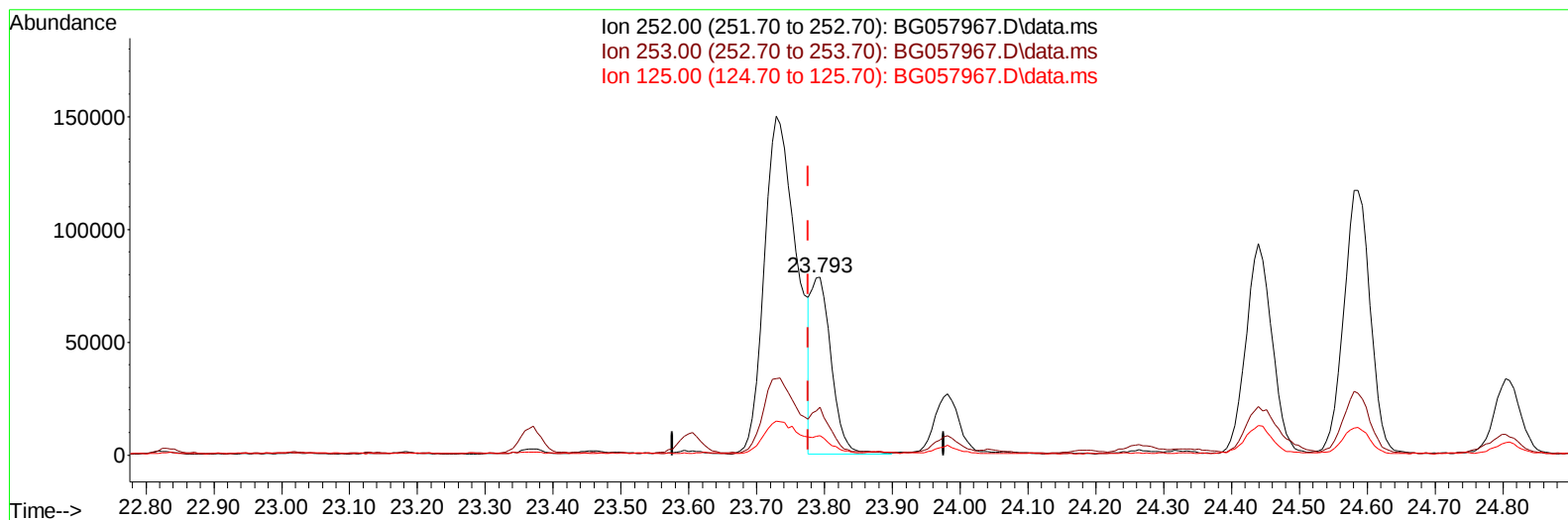
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057967.D
 Acq On : 3 Jul 2023 23:20
 Operator : CG/JU
 Sample : 03246-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:29:41 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: BG057967.D\data.ms

(91) Benzo(k)fluoranthene

23.793min (+ 0.018) 8.81 ng/ul m

response 159680

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	26.89#
125.00	9.30	10.93
0.00	0.00	0.00

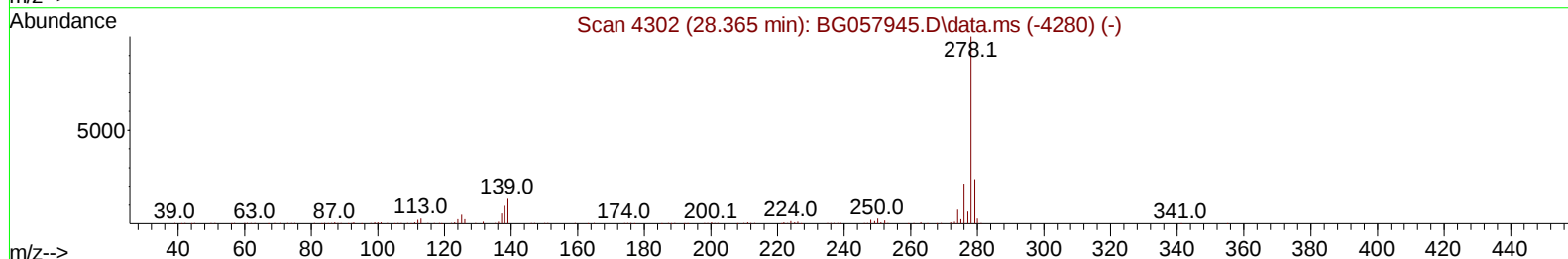
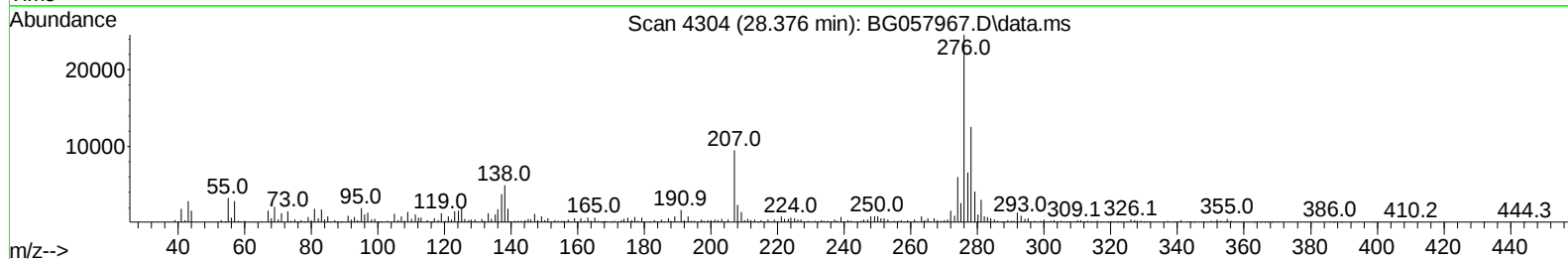
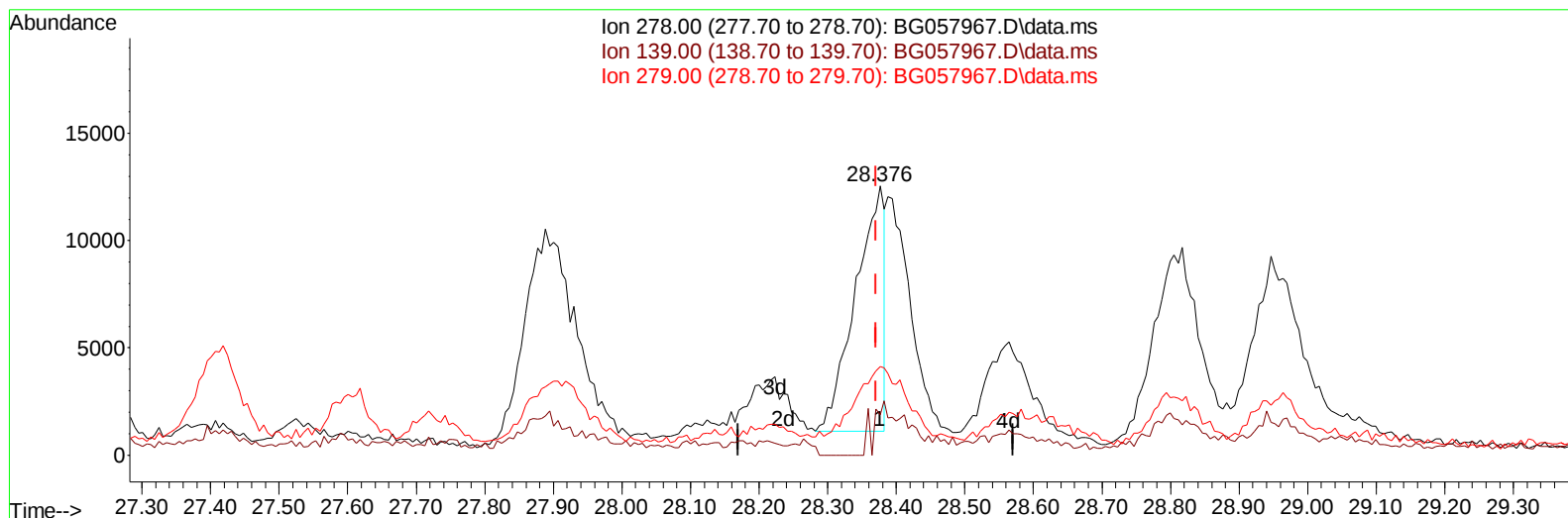
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057967.D
Acq On : 3 Jul 2023 23:20
Operator : CG/JU
Sample : 03246-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:30:09 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: BG057967.D\data.ms

(95) Dibenzo(a,h)anthracene

28.376min (+ 0.006) 1.87 ng/u1

response 33465

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	15.02
279.00	23.60	33.02#
0.00	0.00	0.00

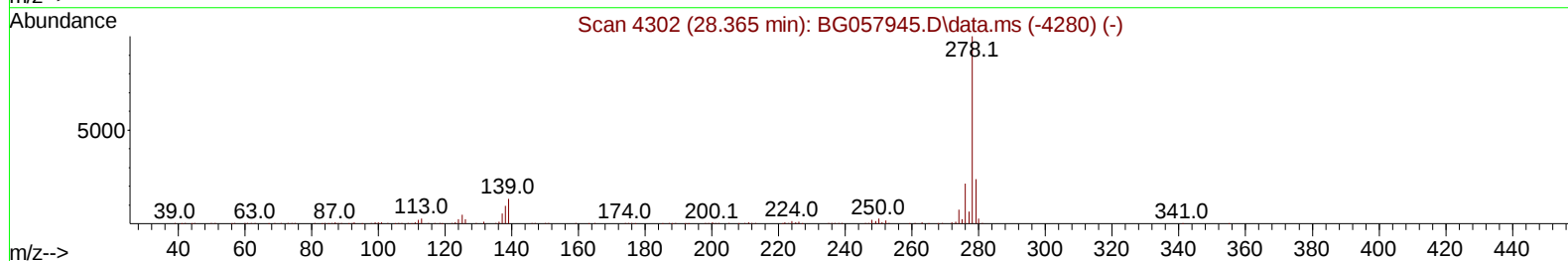
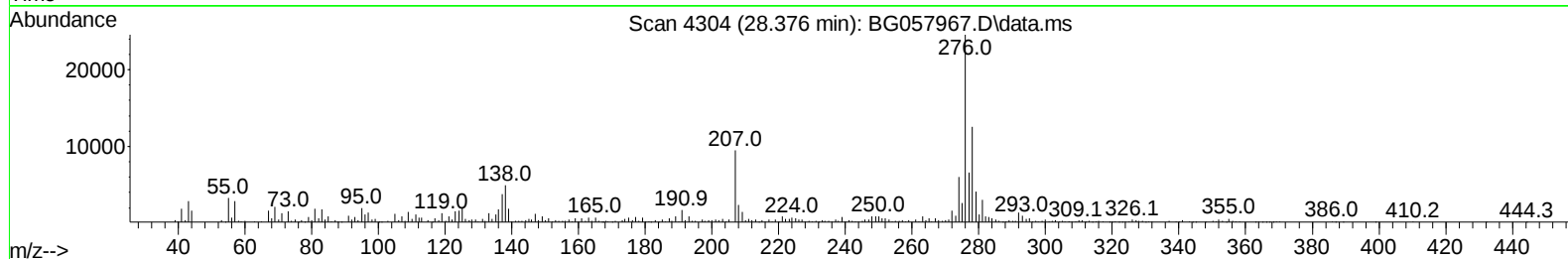
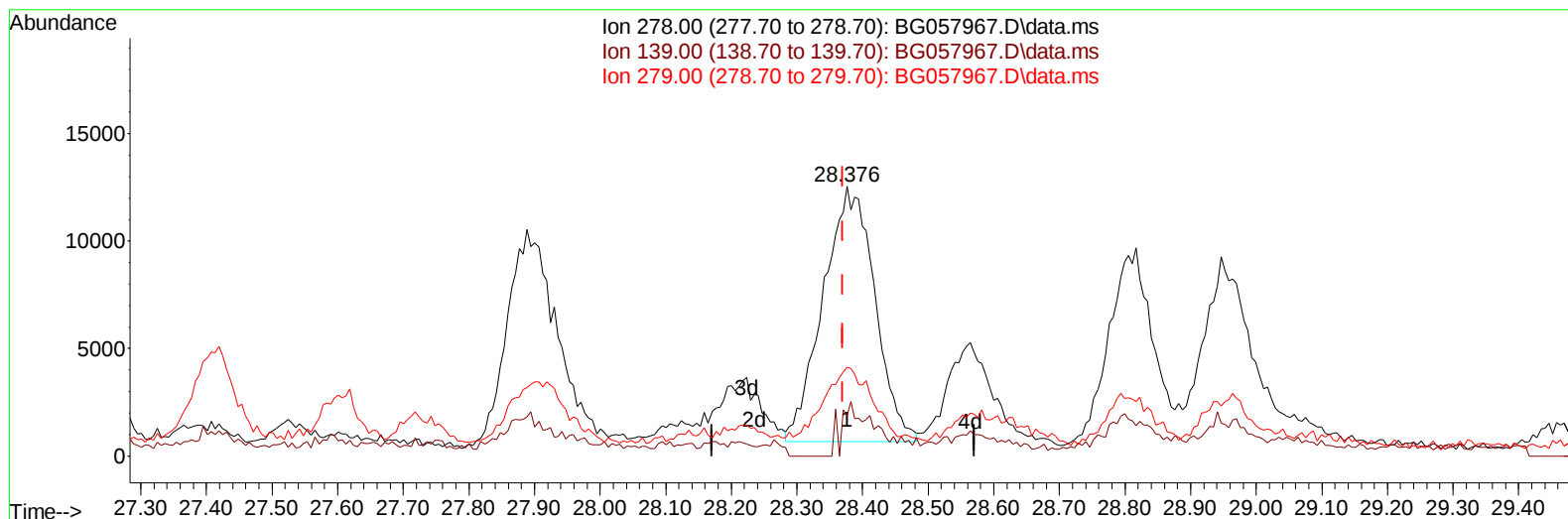
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057967.D
Acq On : 3 Jul 2023 23:20
Operator : CG/JU
Sample : 03246-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:30:09 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: BG057967.D\data.ms

(95) Dibenzo(a,h)anthracene

28.376min (+ 0.006) 3.63 ng/u1 m

response 64989

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	15.02
279.00	23.60	33.02#
0.00	0.00	0.00

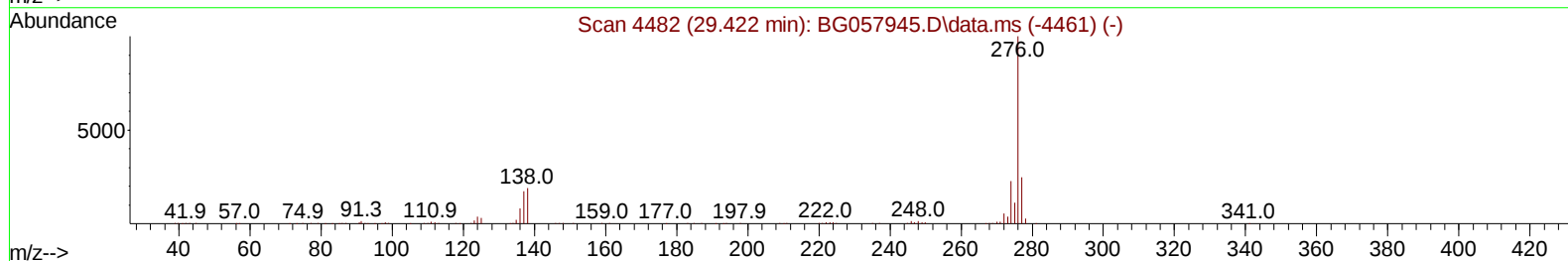
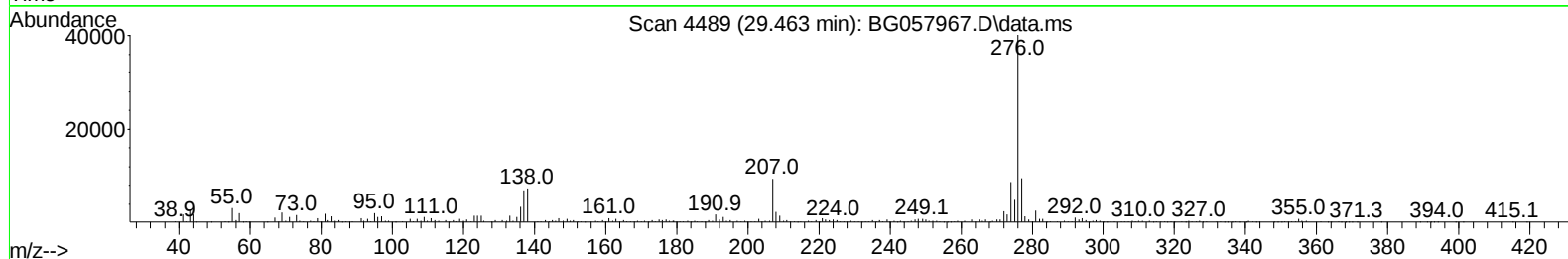
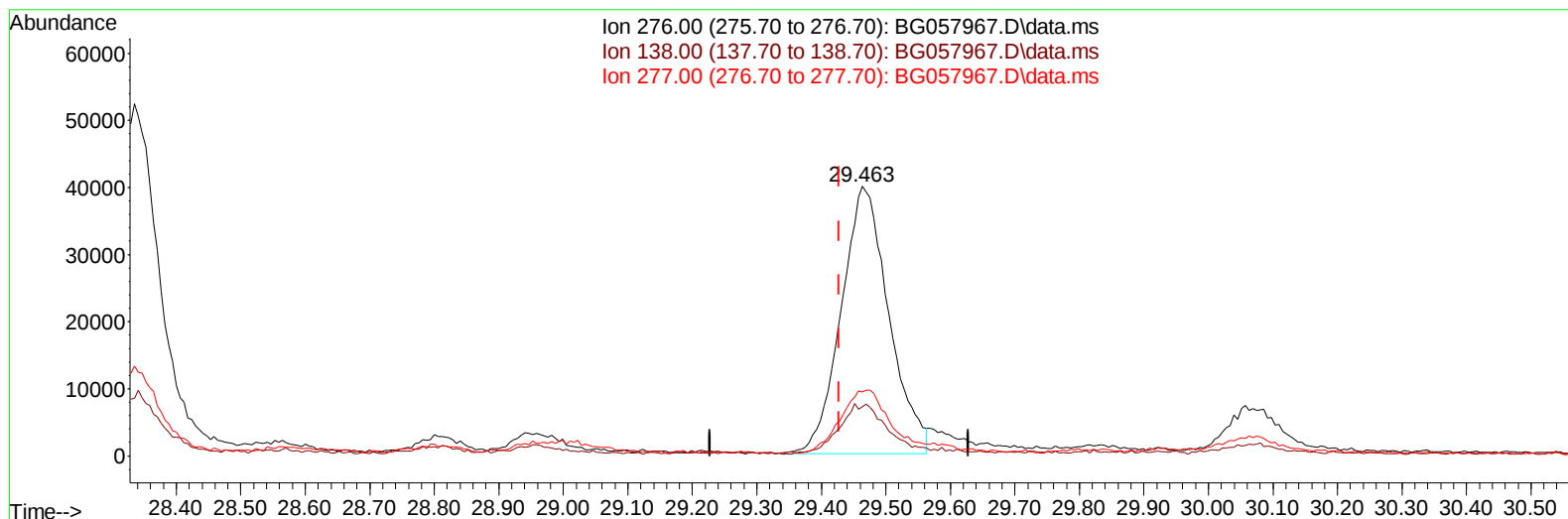
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057967.D
 Acq On : 3 Jul 2023 23:20
 Operator : CG/JU
 Sample : 03246-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:30:37 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: BG057967.D\data.ms

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

29.463min (+ 0.035) 11.49 ng/u1

response 204007

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	18.38
277.00	23.20	23.67
0.00	0.00	0.00

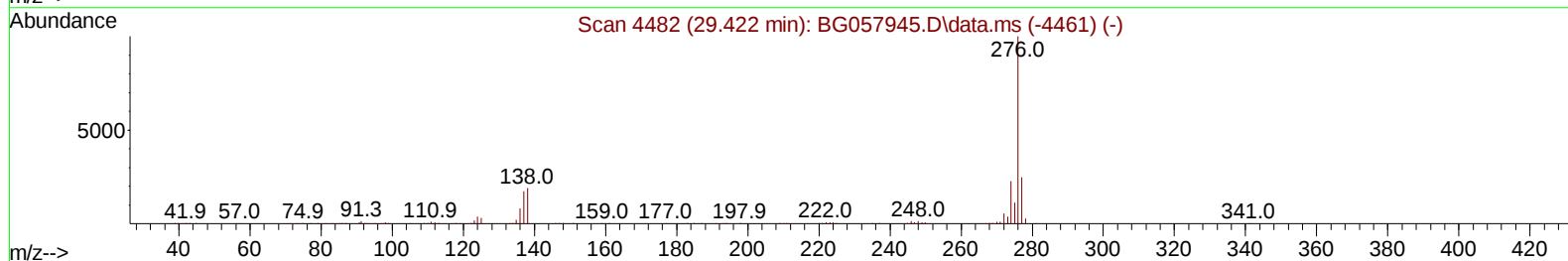
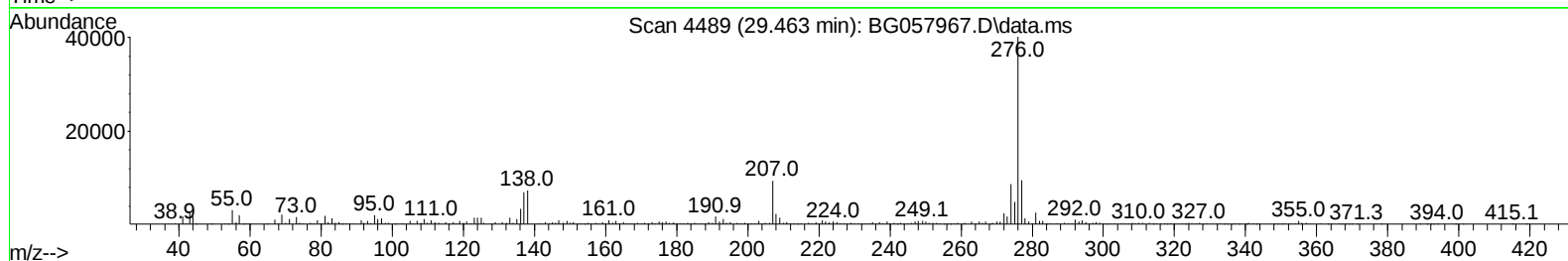
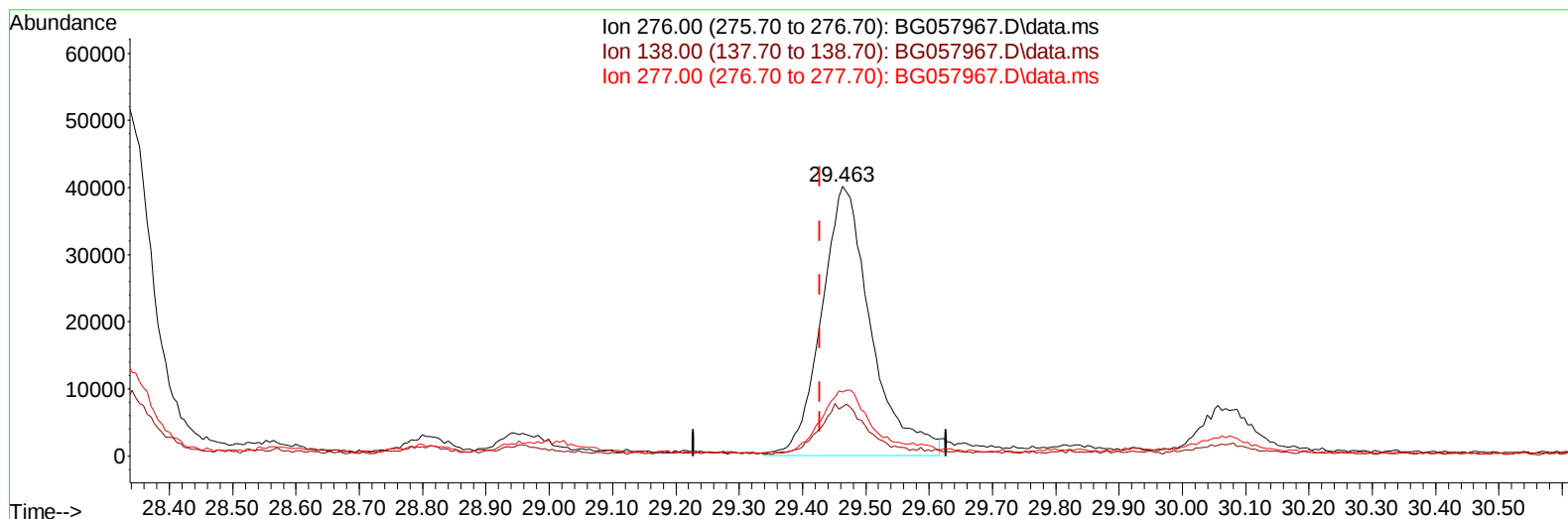
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057967.D
 Acq On : 3 Jul 2023 23:20
 Operator : CG/JU
 Sample : 03246-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:30:37 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: BG057967.D\data.ms

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

29.463min (+ 0.035) 12.29 ng/ul m

response 218196

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	18.38
277.00	23.20	23.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057967.D
 Acq On : 3 Jul 2023 23:20
 Operator : CG/JU
 Sample : 03246-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:31:01 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	7.936	152	45374	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	212213	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.569	164	142605	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.313	188	296762	20.000	ng/ul	0.00
79) Chrysene-d12	21.567	240	237687	20.000	ng/ul	0.00
88) Perylene-d12	24.734	264	298640	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4329	3.341	ng/uL	0.01
4) Pyridine-d5	3.788	84	54227	13.785	ng/ul	0.01
7) Phenol-d5	7.101	99	96560	20.838	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.266	67	57203	20.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.471	132	70287	21.993	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	67486	19.301	ng/ul	0.01
21) Nitrobenzene-d5	9.099	128	36087	20.864	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	38910	21.405	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	74109	21.252	ng/ul	0.00
31) 4-Chloroaniline-d4	10.873	131	38161	7.218	ng/ul	0.00
46) Dimethylphthalate-d6	13.976	166	234251	20.819	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	266465	21.702	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	28405m	14.289	ng/ul	0.01
60) Fluorene-d10	15.562	176	201310	21.067	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	26914	16.702	ng/ul	0.01
73) Anthracene-d10	17.413	188	295987	21.494	ng/ul	0.00
81) Pyrene-d10	19.698	212	344772	23.031	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.516	264	352763	23.185	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.791	128	19440	1.630	ng/ul	98
36) 2-Methylnaphthalene	12.401	142	16152	2.009	ng/ul	97
37) 1-Methylnaphthalene	12.618	142	11637	1.443	ng/ul#	91
50) Acenaphthylene	14.299	152	13792	1.040	ng/ul	94
52) Acenaphthene	14.634	153	27170	2.986	ng/ul	94
61) Fluorene	15.615	166	29447	2.775	ng/ul#	90
72) Phenanthrene	17.360	178	459912	30.467	ng/ul	99
74) Anthracene	17.448	178	87804	5.748	ng/ul	99
80) Fluoranthene	19.369	202	706978	40.757	ng/ul	99
82) Pyrene	19.733	202	563406	32.267	ng/ul	99
85) Benzo(a)anthracene	21.549	228	329020	19.279	ng/ul	96
87) Chrysene	21.614	228	347436m	21.717	ng/ul	
90) Benzo(b)fluoranthene	23.729	252	497748	26.918	ng/ul	99
91) Benzo(k)fluoranthene	23.793	252	159680m	8.810	ng/ul	
93) Benzo(a)pyrene	24.581	252	318127	19.438	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.335	276	244107	11.232	ng/ul	97
95) Dibenzo(a,h)anthracene	28.376	278	64989m	3.626	ng/ul	
96) Benzo(g,h,i)perylene	29.463	276	218196m	12.292	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057967.D
Acq On : 3 Jul 2023 23:20
Operator : CG/JU
Sample : 03246-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGJ6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 04:31:01 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

