

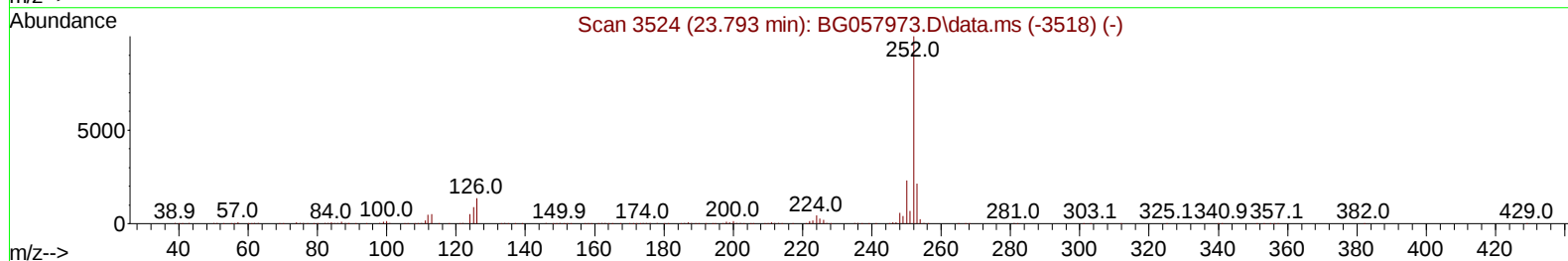
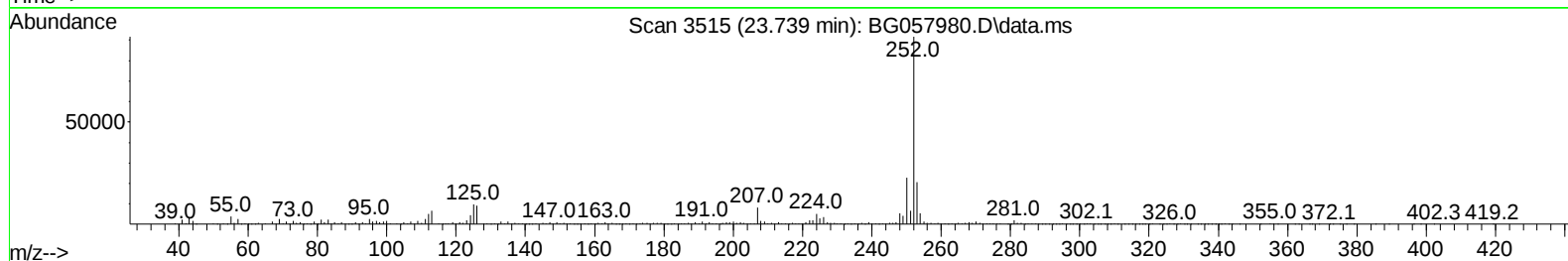
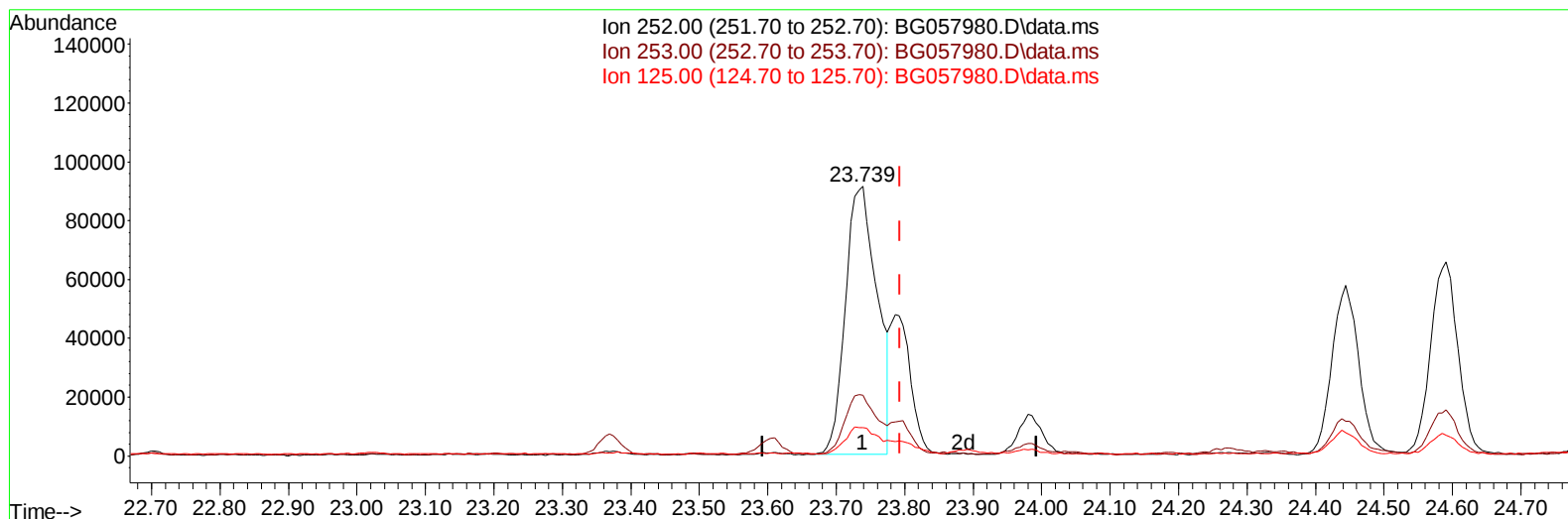
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057980.D
 Acq On : 4 Jul 2023 9:08
 Operator : CG/JU
 Sample : 03247-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:17:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057980.D\data.ms

(91) Benzo(k)fluoranthene

23.739min (-0.054) 13.60 ng/u1

response 293658

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.60
125.00	9.30	10.57
0.00	0.00	0.00

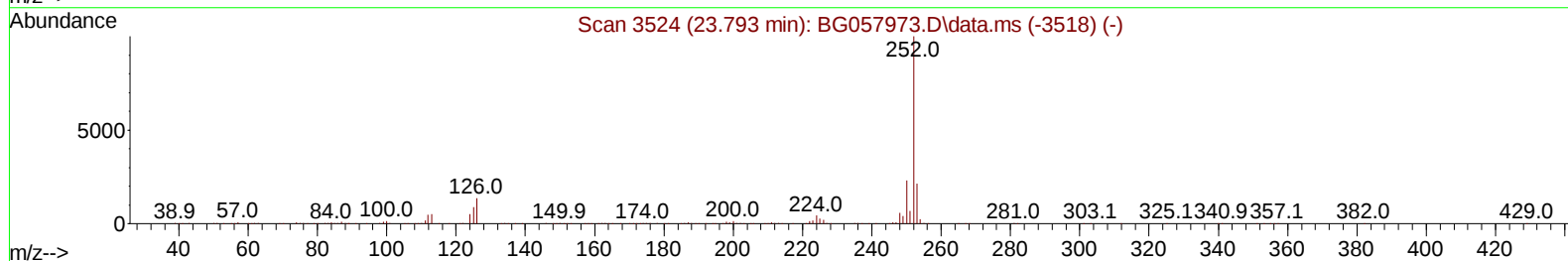
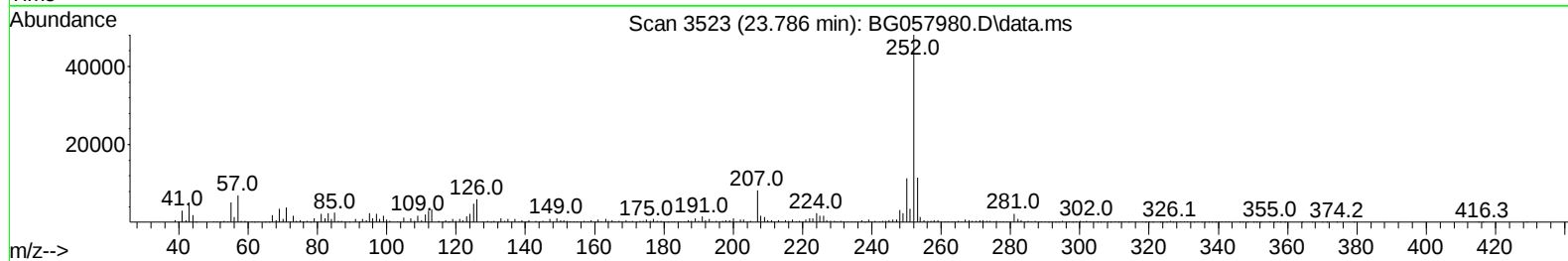
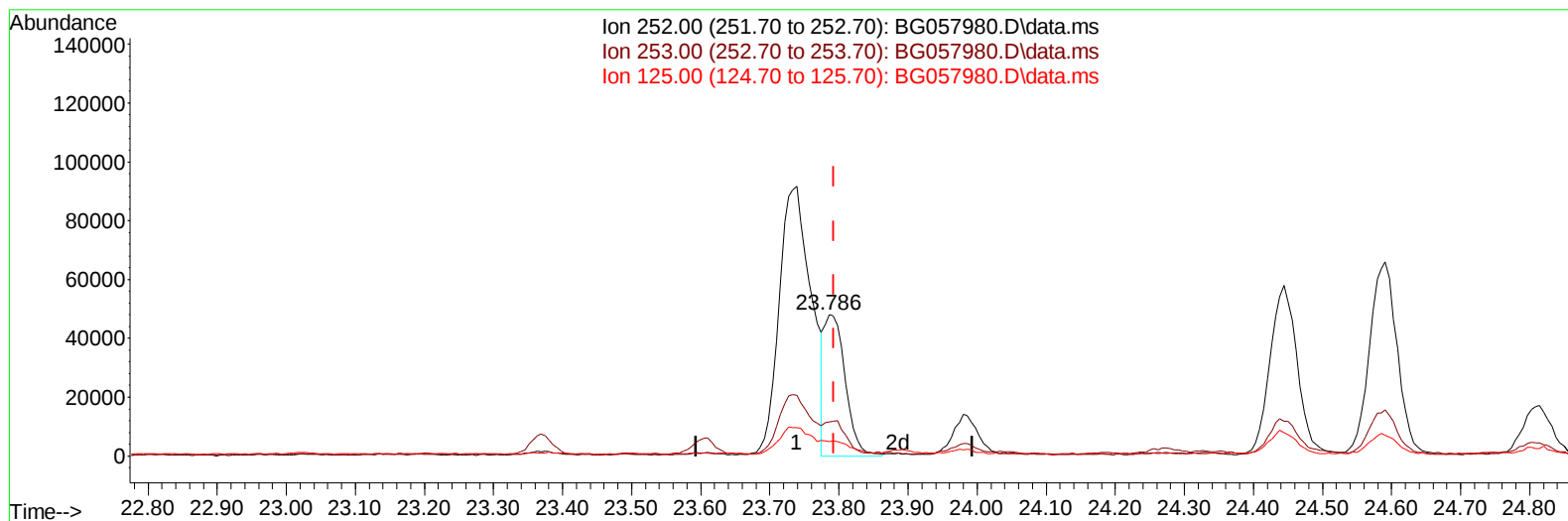
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057980.D
 Acq On : 4 Jul 2023 9:08
 Operator : CG/JU
 Sample : 03247-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:17:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057980.D\data.ms

(91) Benzo(k)fluoranthene

23.786min (-0.007) 4.65 ng/u1 m

response 100483

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.11
125.00	9.30	9.99
0.00	0.00	0.00

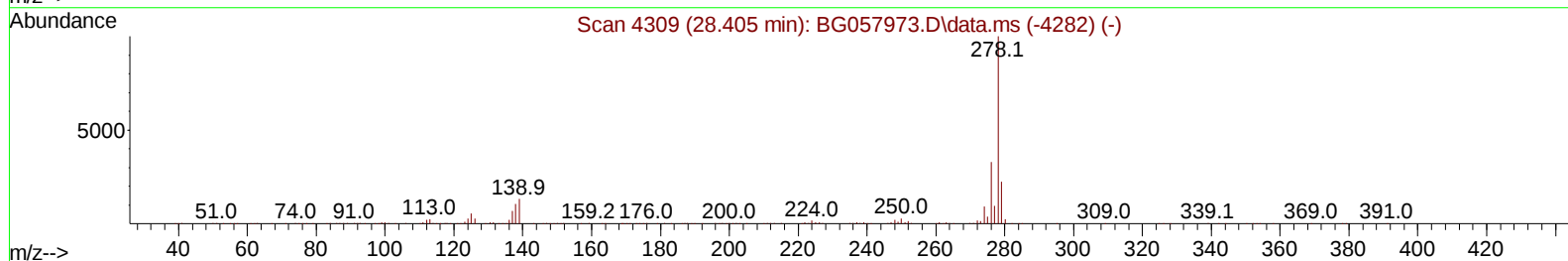
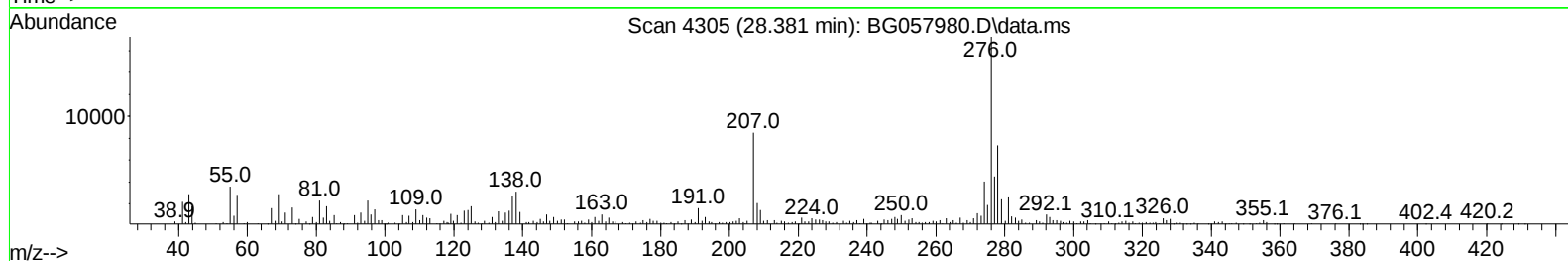
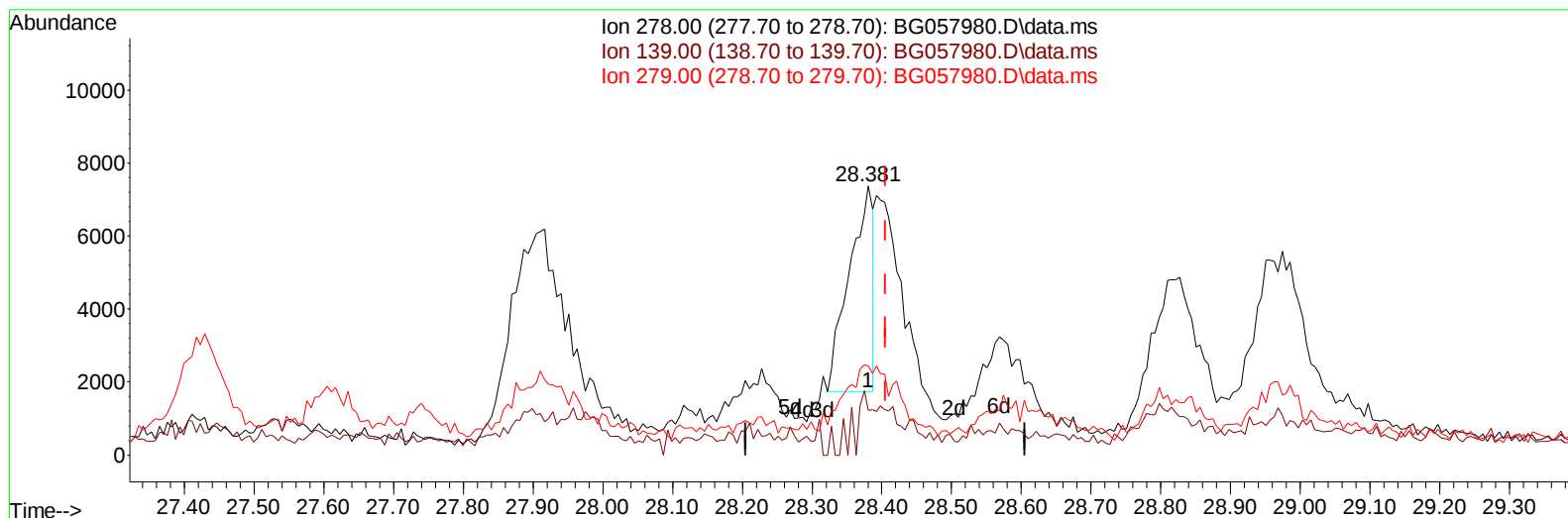
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057980.D
 Acq On : 4 Jul 2023 9:08
 Operator : CG/JU
 Sample : 03247-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:18:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057980.D\data.ms

(95) Dibenzo(a,h)anthracene

28.381min (-0.025) 0.62 ng/u1

response 13218

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	16.75
279.00	23.60	33.13#
0.00	0.00	0.00

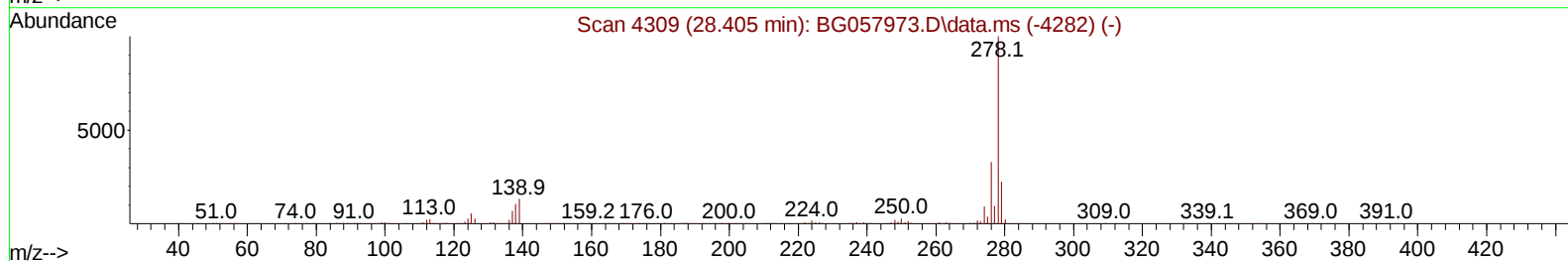
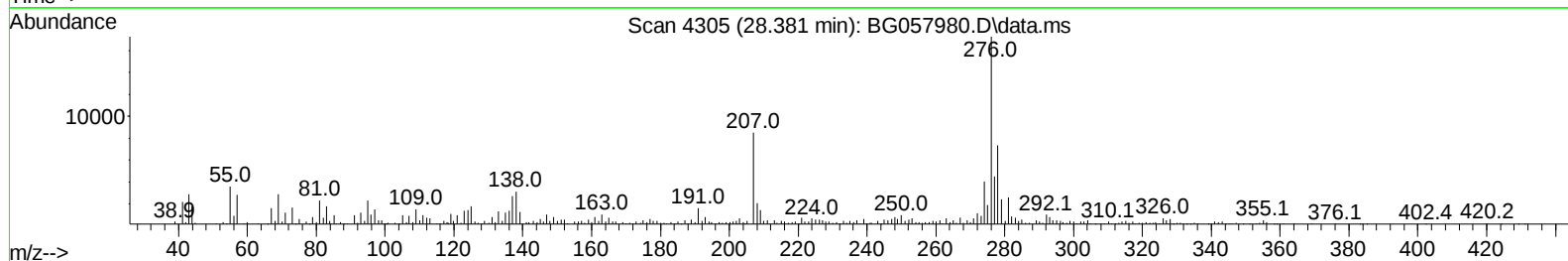
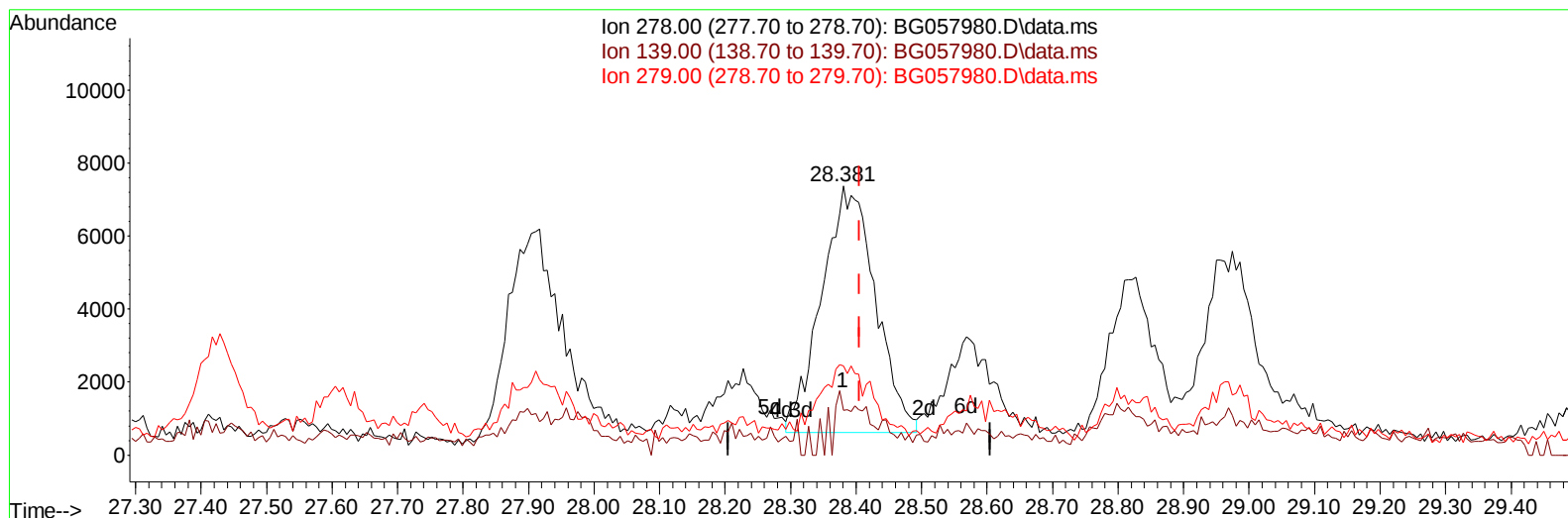
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057980.D
Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:18:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



TIC: BG057980.D\data.ms

(95) Dibenzo(a,h)anthracene

28.381min (-0.025) 1.79 ng/ul m

response 38326

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	16.75
279.00	23.60	33.13#
0.00	0.00	0.00

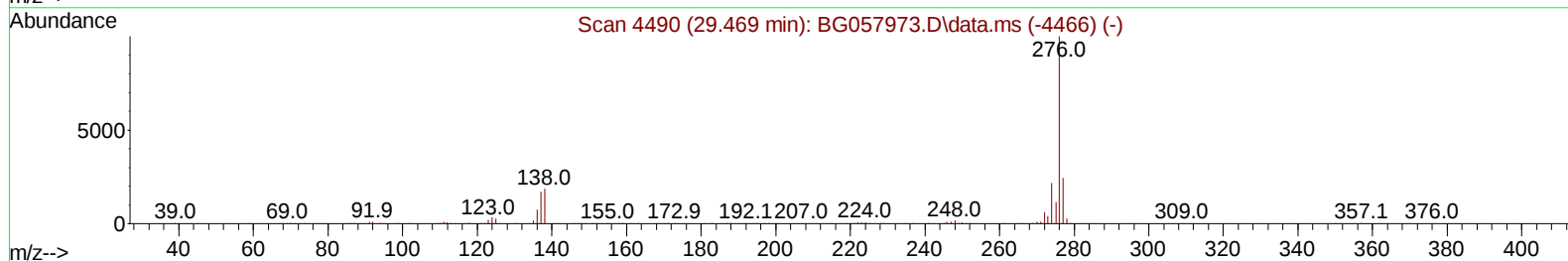
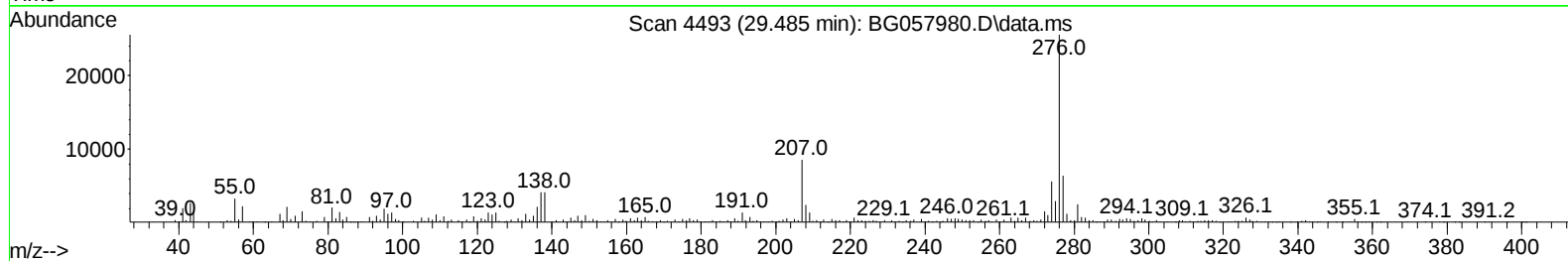
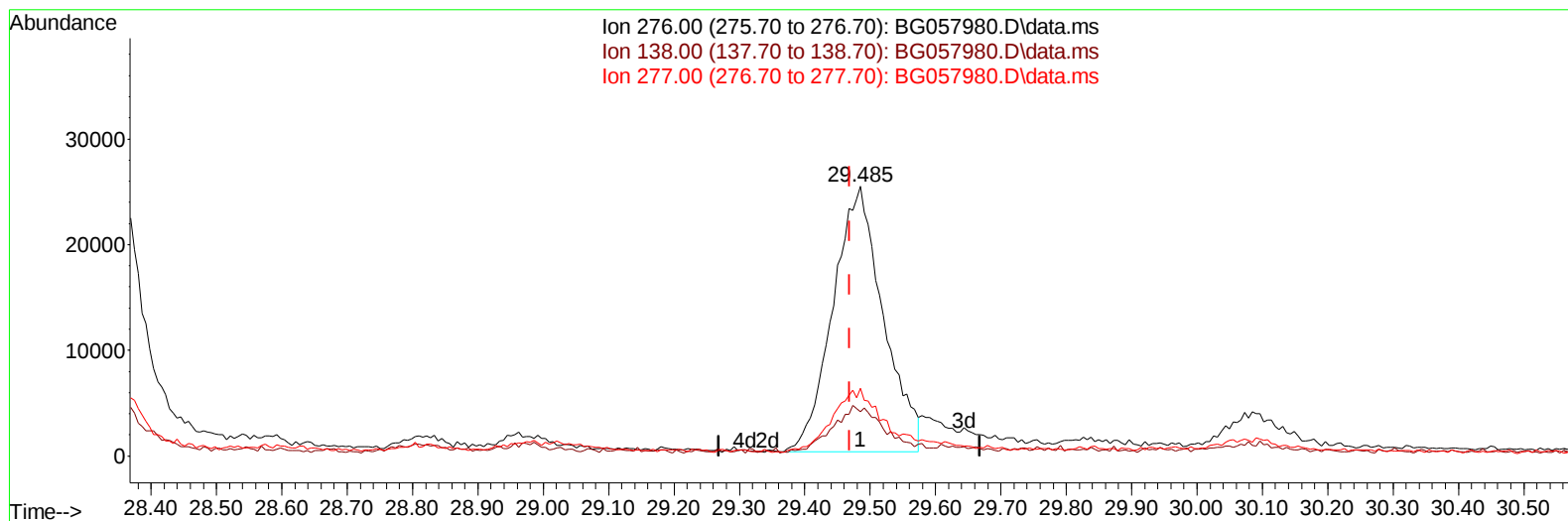
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057980.D
 Acq On : 4 Jul 2023 9:08
 Operator : CG/JU
 Sample : 03247-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:18:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057980.D\data.ms

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

29.485min (+ 0.017) 6.35 ng/u1

response 134342

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	16.42
277.00	23.20	25.16
0.00	0.00	0.00

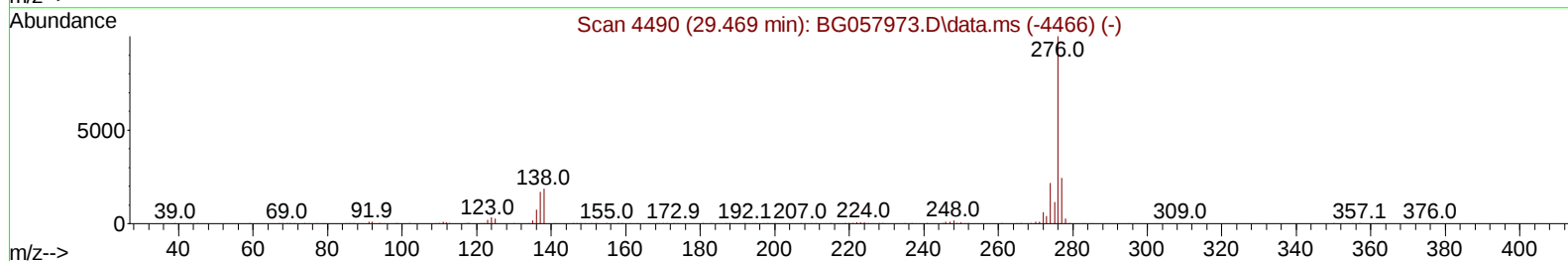
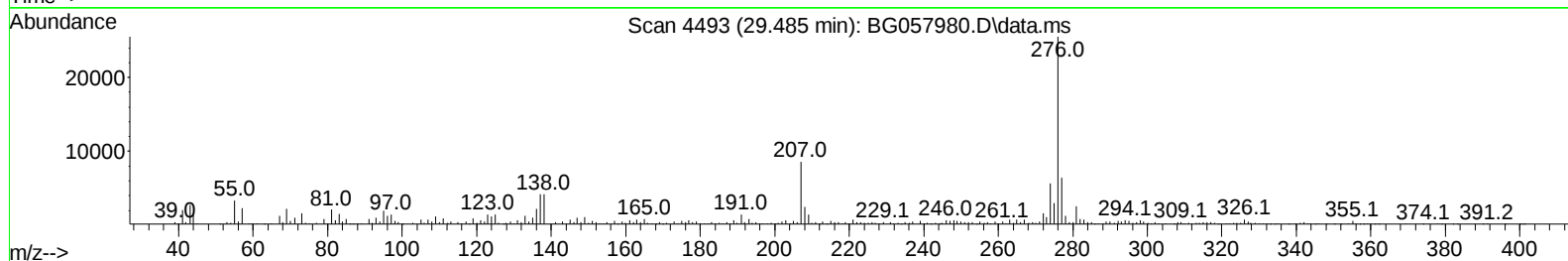
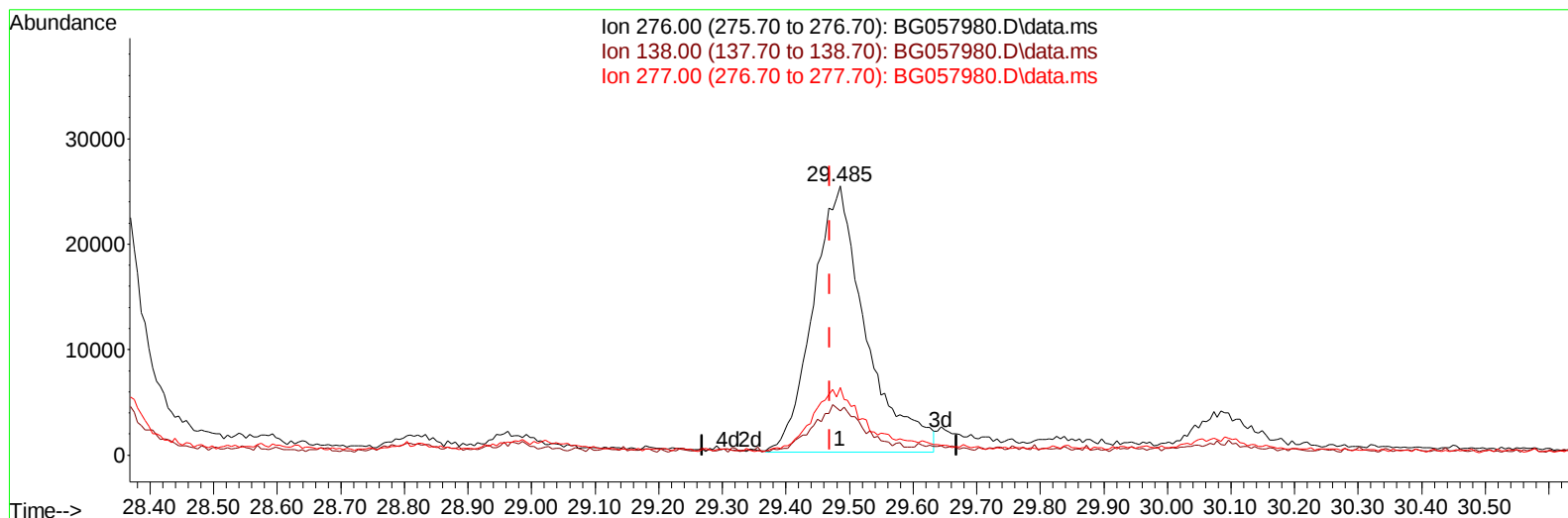
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057980.D
 Acq On : 4 Jul 2023 9:08
 Operator : CG/JU
 Sample : 03247-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:18:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057980.D\data.ms

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

29.485min (+ 0.017) 6.88 ng/ul m

response 145620

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	16.42
277.00	23.20	25.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057980.D
 Acq On : 4 Jul 2023 9:08
 Operator : CG/JU
 Sample : 03247-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:19:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	54765	20.000	ng/ul	0.00
20) Naphthalene-d8	10.742	136	250542	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.573	164	167196	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	356687	20.000	ng/ul	0.00
79) Chrysene-d12	21.571	240	291011	20.000	ng/ul	0.00
88) Perylene-d12	24.744	264	355834	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	4132	2.642	ng/uL	0.00
4) Pyridine-d5	3.792	84	4033	0.849	ng/ul	0.00
7) Phenol-d5	7.105	99	91116	16.291	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	59203	17.565	ng/ul	0.00
11) 2-Chlorophenol-d4	7.470	132	70814	18.358	ng/ul	0.00
15) 4-Methylphenol-d8	8.645	113	41271	9.780	ng/ul	0.00
21) Nitrobenzene-d5	9.097	128	37694	18.459	ng/ul	0.00
24) 2-Nitrophenol-d4	9.820	143	40730	18.978	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	74199	18.022	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	21329	3.417	ng/ul	0.00
46) Dimethylphthalate-d6	13.974	166	232866	17.652	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	269389	18.713	ng/ul	0.00
54) 4-Nitrophenol-d4	14.773	143	31272	13.417	ng/ul	0.00
60) Fluorene-d10	15.560	176	205892	18.378	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	24947	12.880	ng/ul	0.00
73) Anthracene-d10	17.411	188	293445	17.730	ng/ul	0.00
81) Pyrene-d10	19.702	212	366916	20.019	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.520	264	363128	20.030	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.358	178	121928	6.720	ng/ul	100
80) Fluoranthene	19.368	202	336018	15.822	ng/ul	99
82) Pyrene	19.732	202	280455	13.119	ng/ul	99
85) Benzo(a)anthracene	21.553	228	161728	7.740	ng/ul	97
87) Chrysene	21.612	228	184756	9.432	ng/ul	97
90) Benzo(b)fluoranthene	23.739	252	293658	13.328	ng/ul	99
91) Benzo(k)fluoranthene	23.786	252	100483m	4.653	ng/ul	
93) Benzo(a)pyrene	24.591	252	179224	9.191	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.345	276	143617	5.546	ng/ul	99
95) Dibenzo(a,h)anthracene	28.381	278	38326m	1.795	ng/ul	
96) Benzo(g,h,i)perylene	29.485	276	145620m	6.885	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057980.D
Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:19:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

