

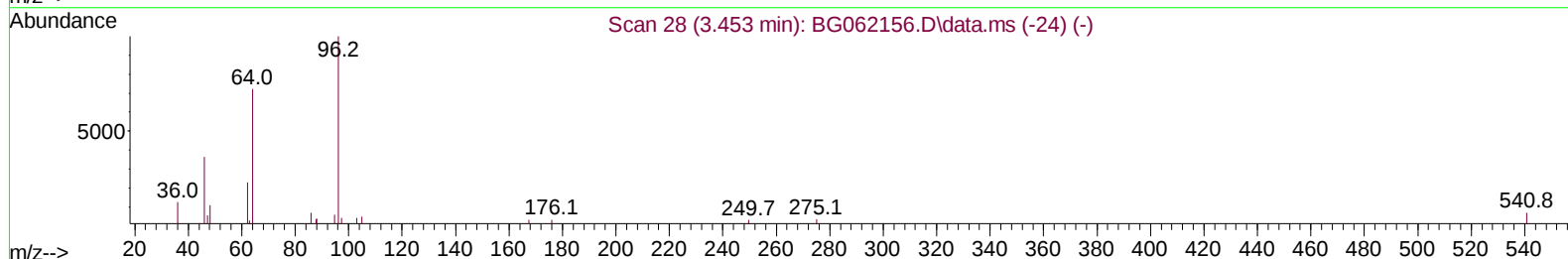
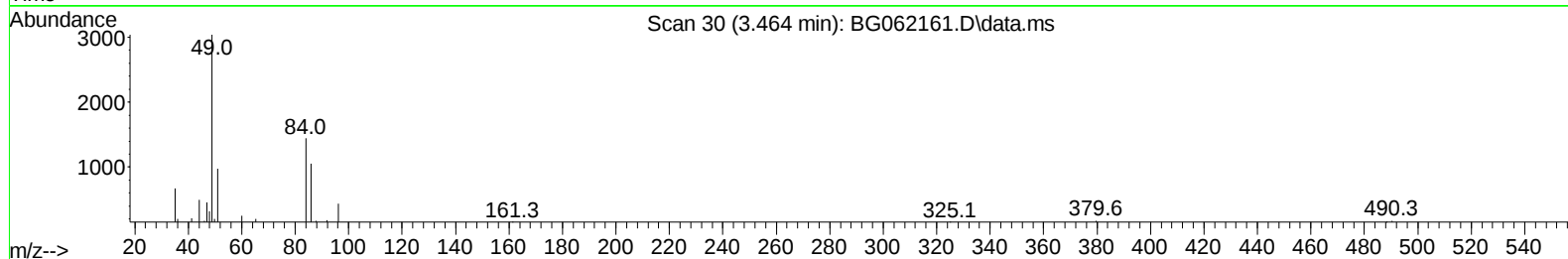
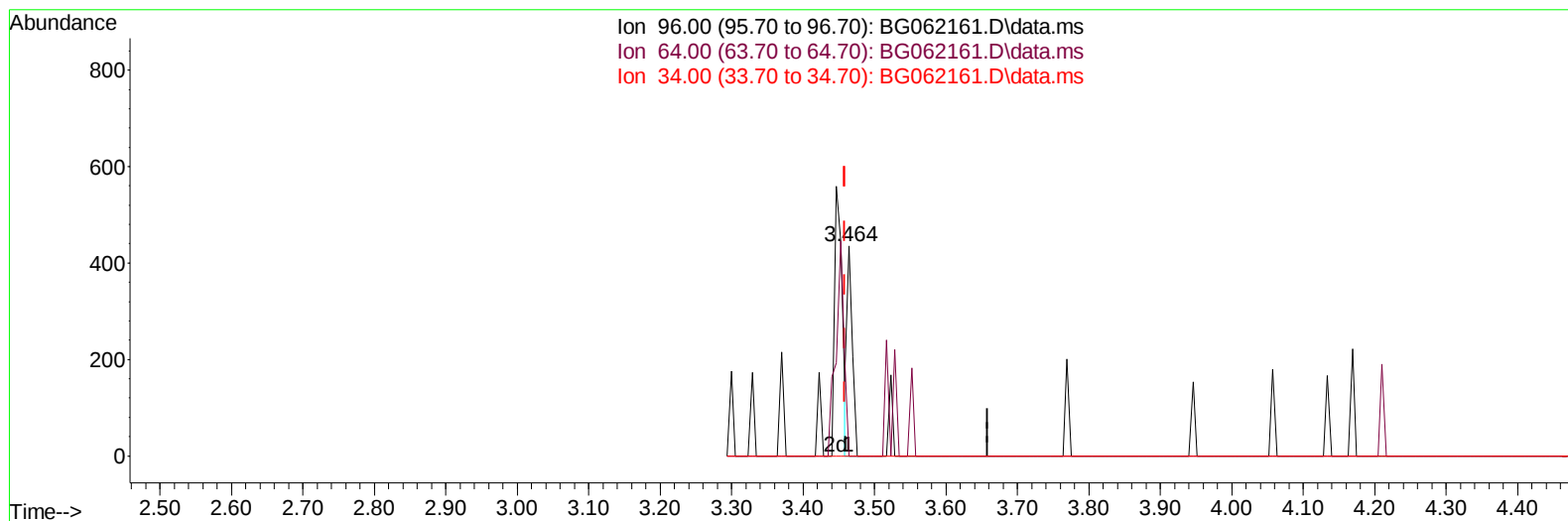
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062161.D
 Acq On : 22 Jul 2024 14:23
 Operator : MA/JU
 Sample : P3238-23DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DN3DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 14:56:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062161.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.464min (+ 0.005) 0.32 ng/uL

response 226

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

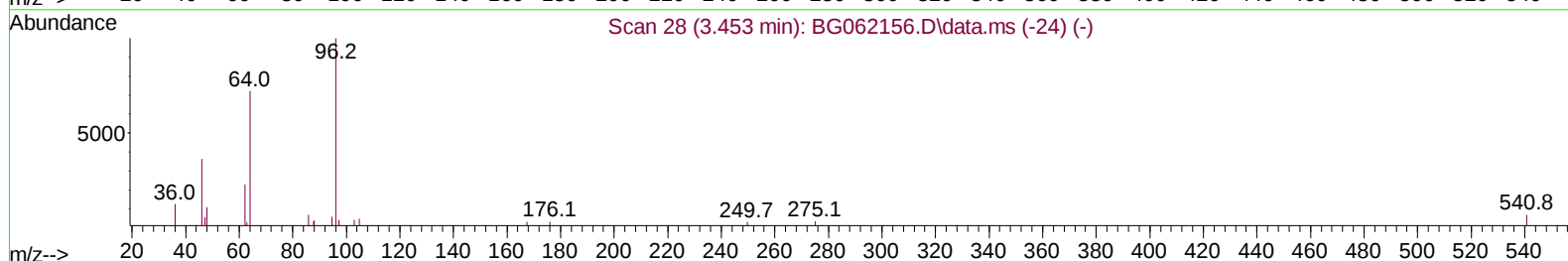
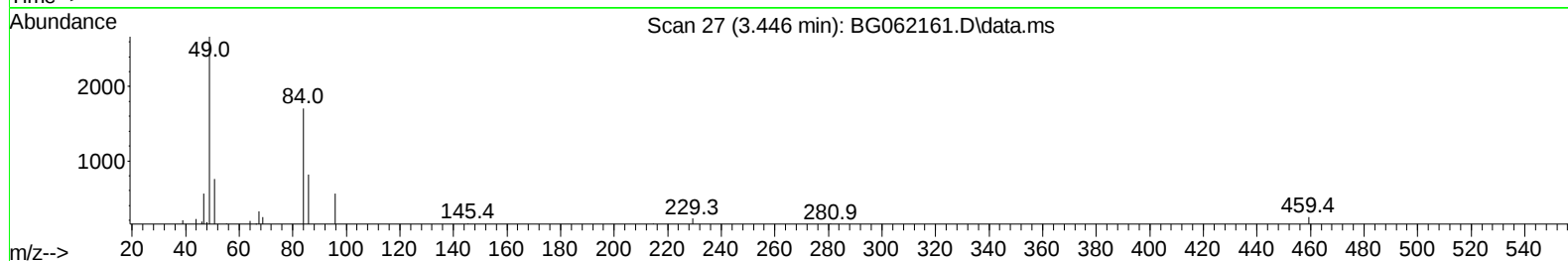
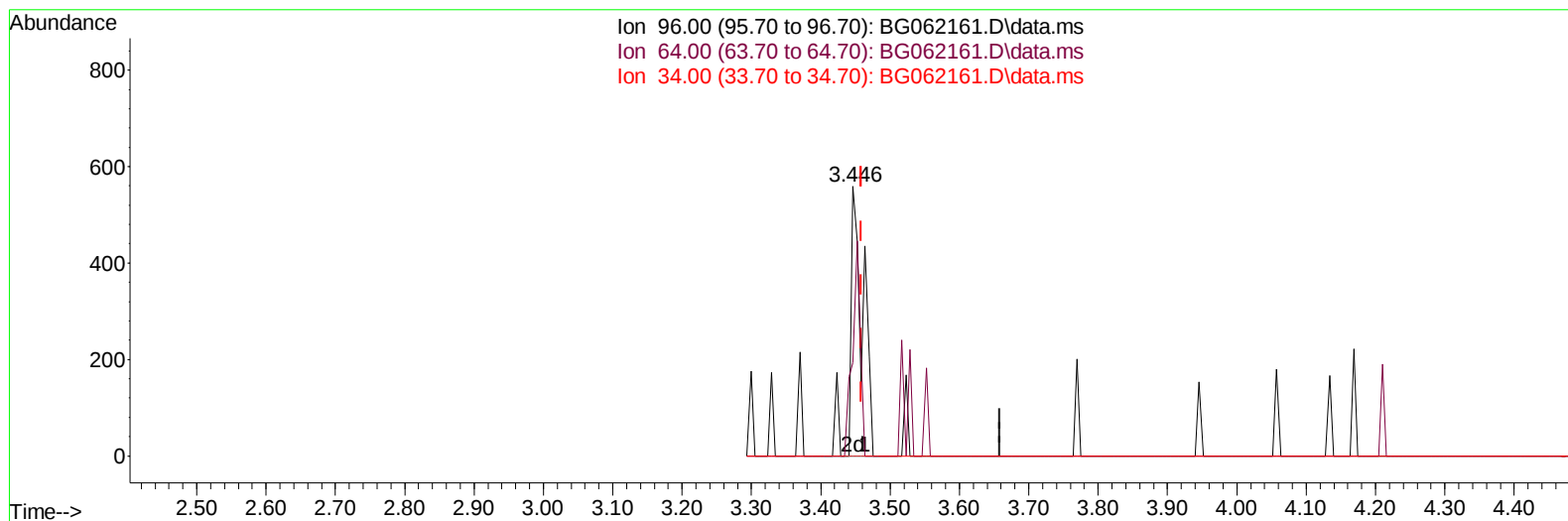
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062161.D
 Acq On : 22 Jul 2024 14:23
 Operator : MA/JU
 Sample : P3238-23DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DN3DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 14:56:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062161.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.446min (-0.012) 0.99 ng/uL m

response 694

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	34.53#
34.00	0.00	0.00
0.00	0.00	0.00

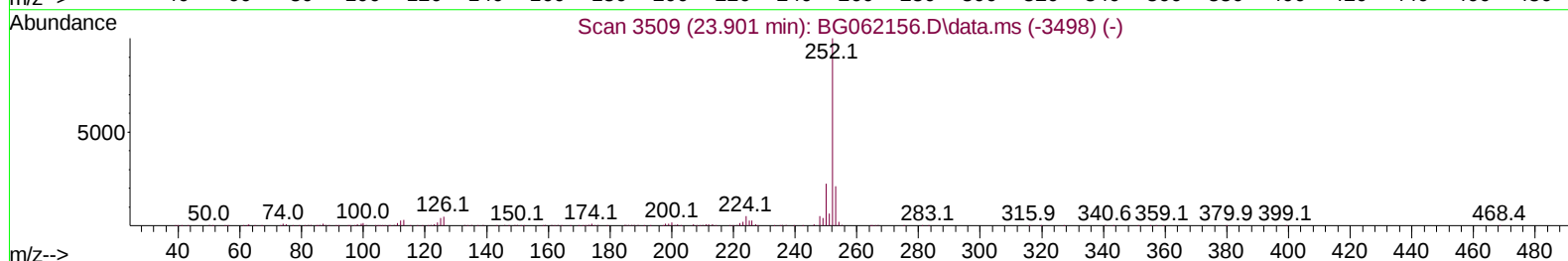
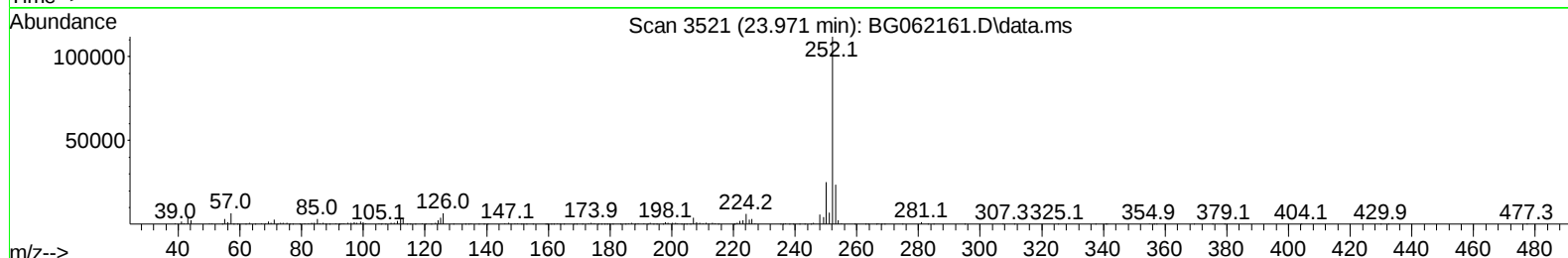
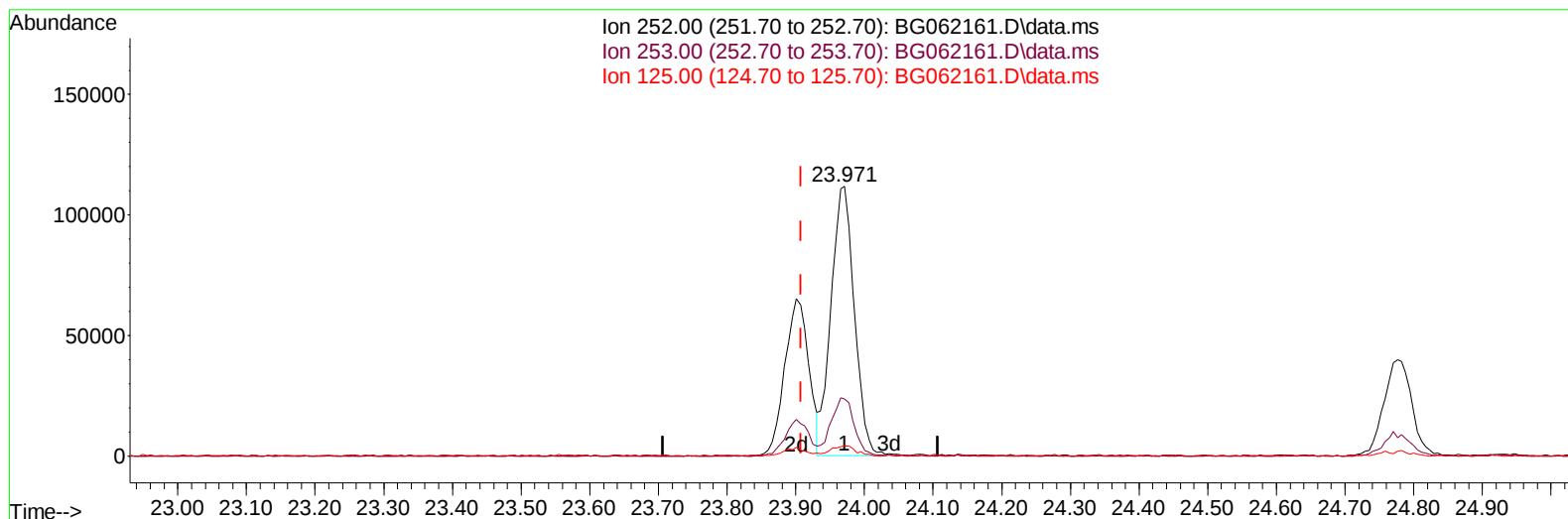
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062161.D
 Acq On : 22 Jul 2024 14:23
 Operator : MA/JU
 Sample : P3238-23DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DN3DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 14:56:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062161.D\data.ms

(90) Benzo(b)fluoranthene

23.971min (+ 0.064) 11.27 ng/u1

response 262371

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	21.19
125.00	4.20	3.68
0.00	0.00	0.00

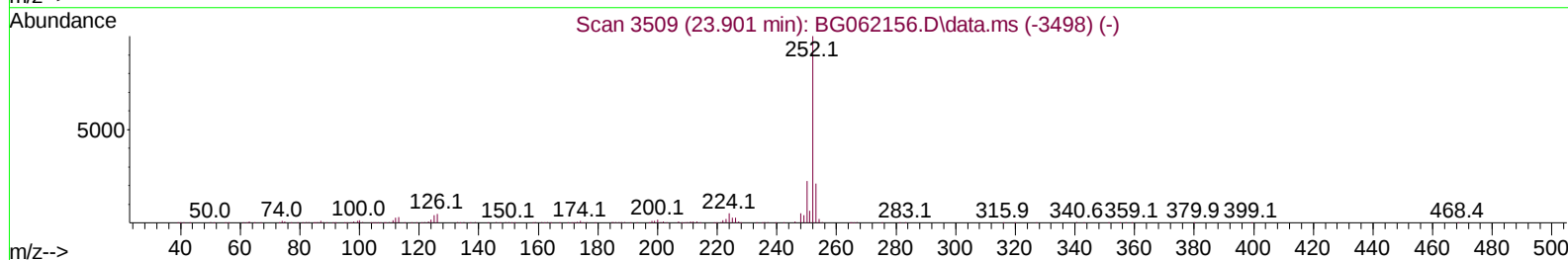
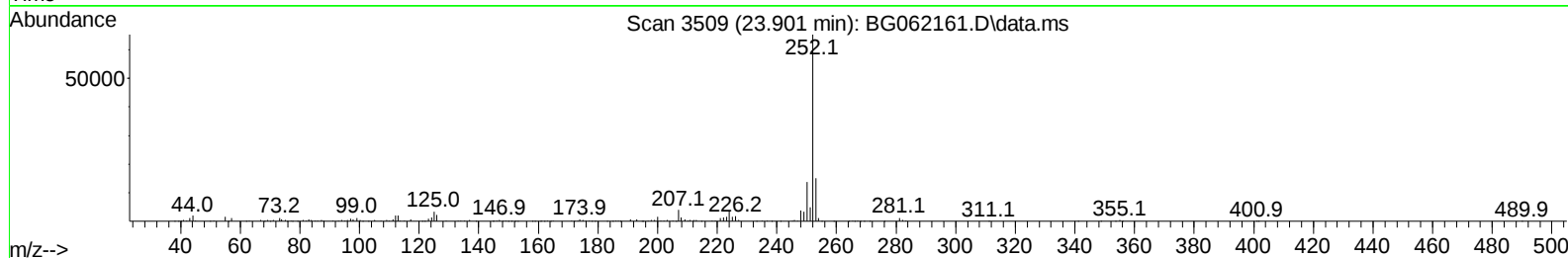
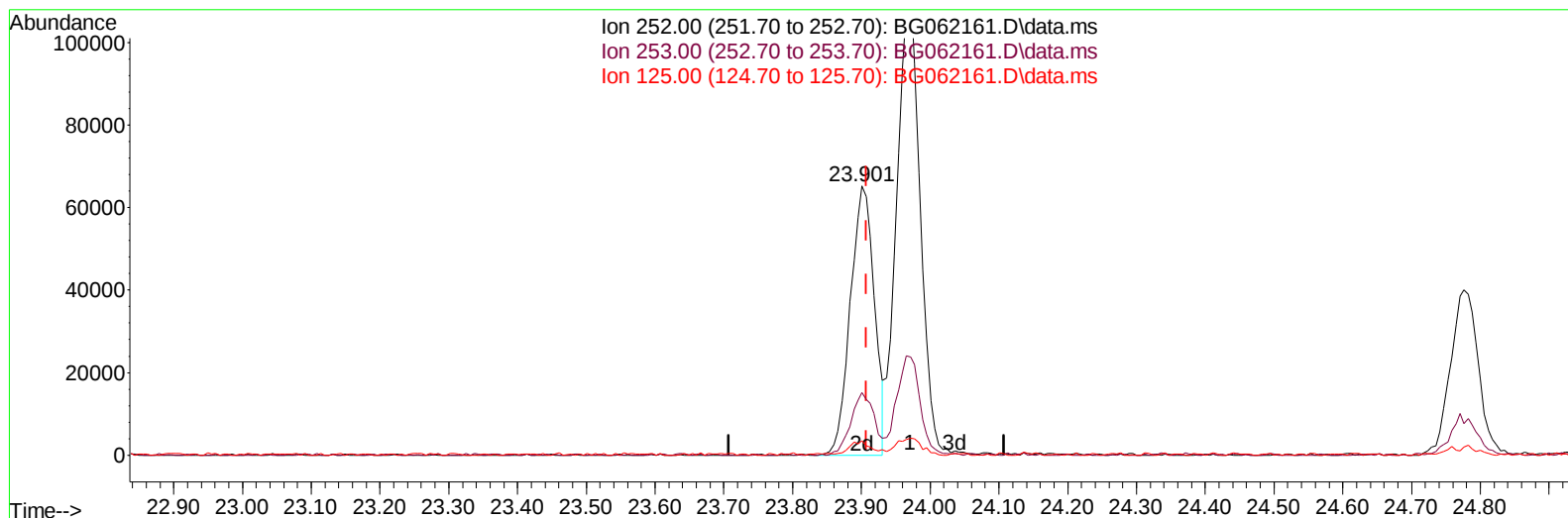
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062161.D
Acq On : 22 Jul 2024 14:23
Operator : MA/JU
Sample : P3238-23DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4DN3DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 14:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062161.D\data.ms

(90) Benzo(b)fluoranthene

23.901min (-0.006) 6.82 ng/u1 m

response 158812

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.24
125.00	4.20	5.32#
0.00	0.00	0.00

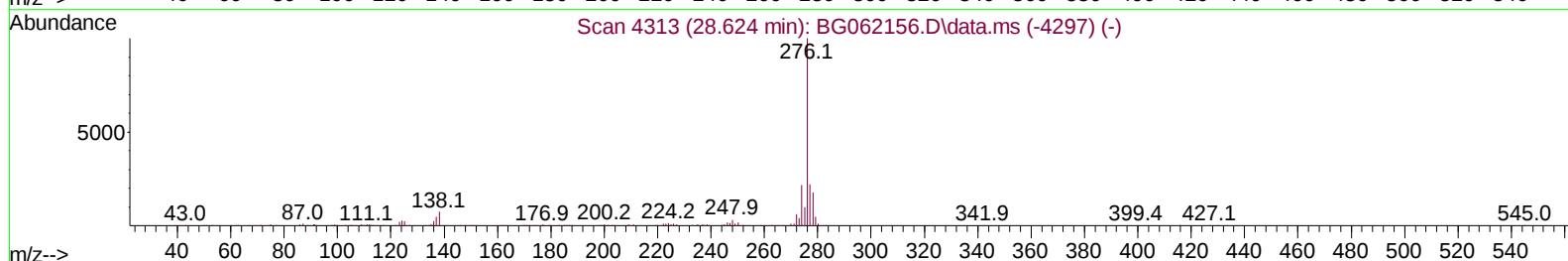
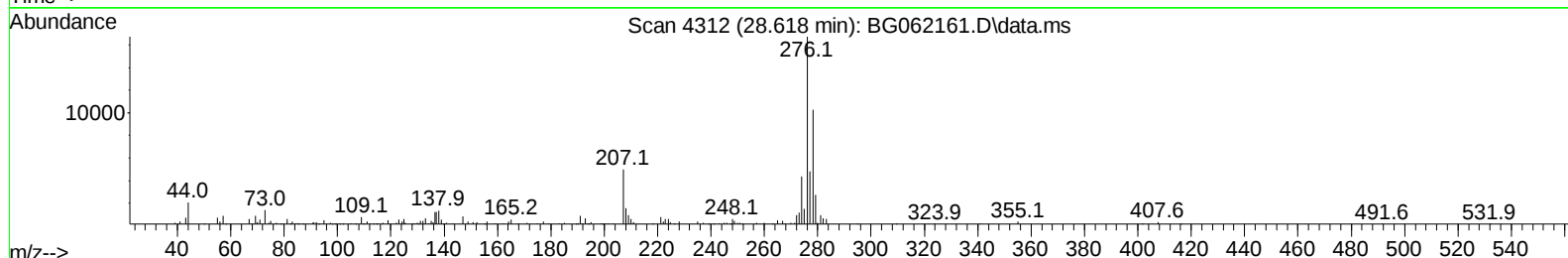
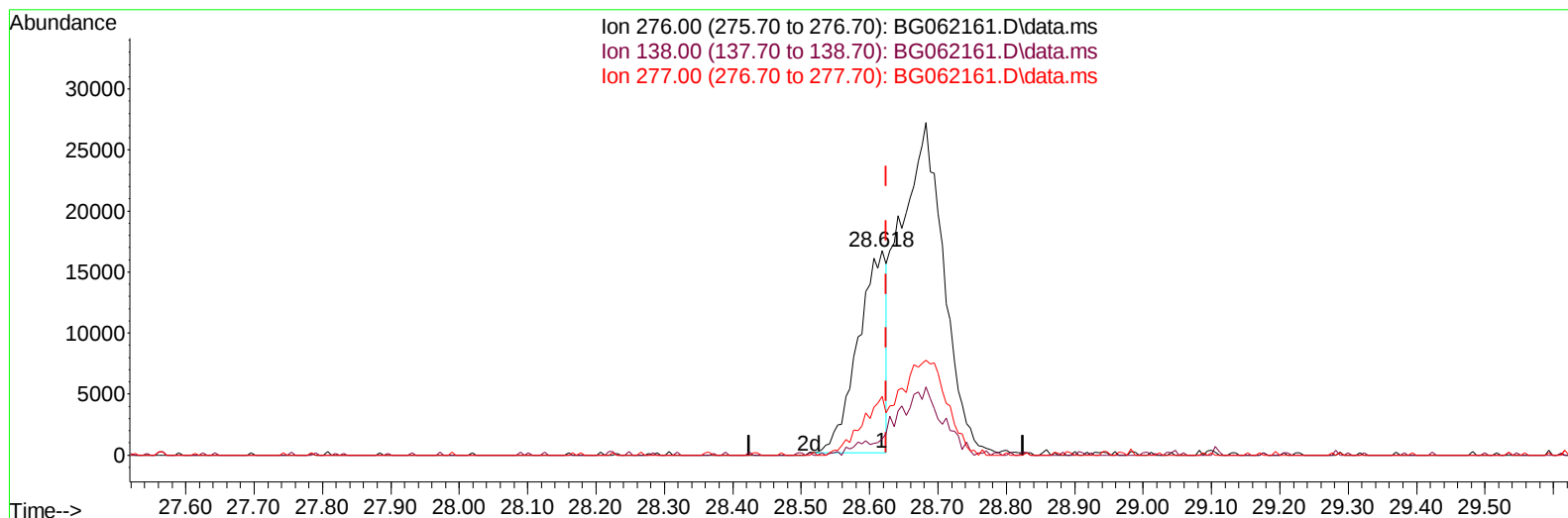
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062161.D
Acq On : 22 Jul 2024 14:23
Operator : MA/JU
Sample : P3238-23DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4DN3DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 14:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062161.D\data.ms

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

28.618min (-0.006) 1.89 ng/u1

response 47415

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	7.98
277.00	21.80	28.75#
0.00	0.00	0.00

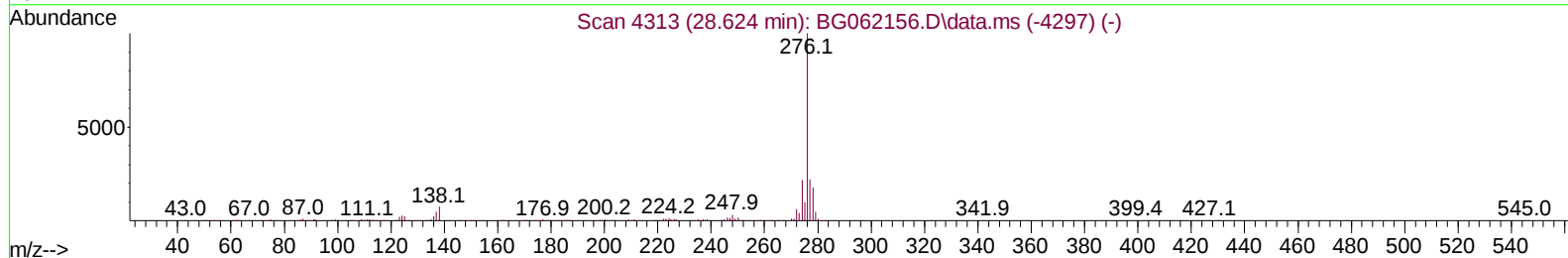
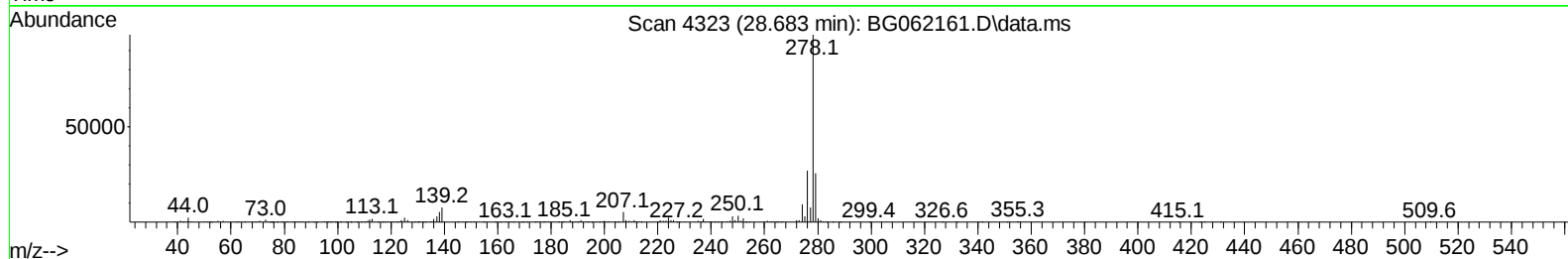
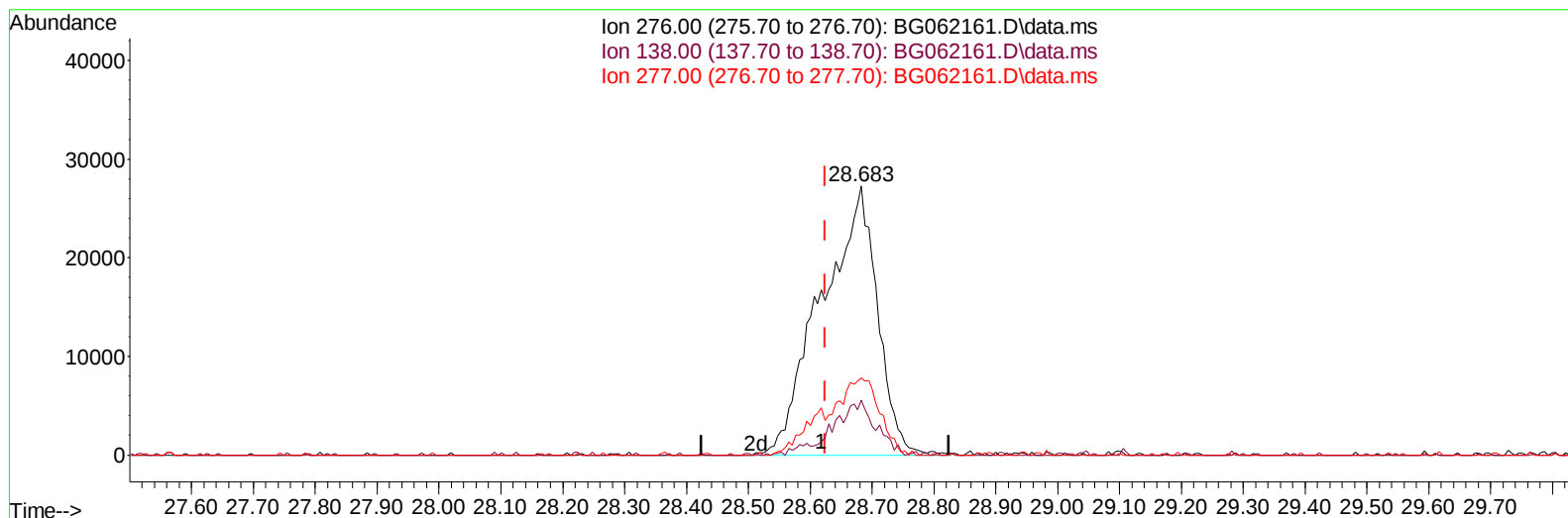
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062161.D
Acq On : 22 Jul 2024 14:23
Operator : MA/JU
Sample : P3238-23DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4DN3DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 14:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062161.D\data.ms

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

28.683min (+ 0.058) 6.83 ng/ul m

response 171082

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	20.45#
277.00	21.80	28.59#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062161.D
 Acq On : 22 Jul 2024 14:23
 Operator : MA/JU
 Sample : P3238-23DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DN3DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 14:59:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	32885	20.000	ng/ul	0.00
20) Naphthalene-d8	10.877	136	143942	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.696	164	126239	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	343701	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240	358408	20.000	ng/ul	0.00
88) Perylene-d12	24.935	264	376807	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	694m	0.985	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.229	99	12623	3.899	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.388	67	7849	4.220	ng/ul	0.00
11) 2-Chlorophenol-d4	7.594	132	8353	4.094	ng/ul	-0.01
15) 4-Methylphenol-d8	8.774	113	10510	4.263	ng/ul	-0.01
21) Nitrobenzene-d5	9.233	128	4530	3.950	ng/ul	0.00
24) 2-Nitrophenol-d4	9.949	143	5736	4.156	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.501	165	14452	5.002	ng/ul	0.00
31) 4-Chloroaniline-d4	11.018	131	8329	2.396	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	46959	4.389	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	53689	4.948	ng/ul	0.00
54) 4-Nitrophenol-d4	14.913	143	5622	4.360	ng/ul	0.00
60) Fluorene-d10	15.683	176	48979	5.376	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	4602	2.107	ng/ul	0.00
73) Anthracene-d10	17.539	188	85207	5.307	ng/ul	0.00
81) Pyrene-d10	19.818	212	115776	5.697	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.706	264	108470	5.759	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.265	94	29223	9.149	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.476	93	38713	17.596	ng/ul	87
12) 2-Chlorophenol	7.629	128	14780	7.135	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.863	70	71619	29.077	ng/ul	91
22) Nitrobenzene	9.280	77	65348	17.621	ng/ul	91
25) 2-Nitrophenol	9.985	139	30350	20.791	ng/ul#	87
27) Bis(2-Chloroethoxy)met...	10.272	93	55844	15.951	ng/ul	95
29) 2,4-Dichlorophenol	10.531	162	63704	23.207	ng/ul#	87
35) 4-Chloro-3-methylphenol	12.164	107	80814	24.552	ng/ul	98
41) 2,4,6-Trichlorophenol	13.133	196	32228	11.287	ng/ul	87
42) 2,4,5-Trichlorophenol	13.215	196	47768	15.368	ng/ul	97
48) 2,6-Dinitrotoluene	14.273	165	34186	16.385	ng/ul	92
52) Acenaphthene	14.760	153	208874	26.603	ng/ul	99
55) 4-Nitrophenol	14.931	109	19673	9.968	ng/ul	95
57) 2,4-Dinitrotoluene	15.060	165	91235	28.497	ng/ul#	88
59) Diethylphthalate	15.495	149	104186	10.342	ng/ul	97
61) Fluorene	15.741	166	188483	18.592	ng/ul	95
68) 4-Bromophenyl-phenylether	16.623	248	51704	12.918	ng/ul	97
71) Pentachlorophenol	17.093	266	35930	22.941	ng/ul	91
72) Phenanthrene	17.480	178	307339	18.582	ng/ul	97
74) Anthracene	17.574	178	102790	6.037	ng/ul	95
78) Di-n-butylphthalate	18.385	149	492163	29.653	ng/ul	98
80) Fluoranthene	19.483	202	329154	14.120	ng/ul#	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062161.D
 Acq On : 22 Jul 2024 14:23
 Operator : MA/JU
 Sample : P3238-23DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DN3DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 22 14:59:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

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

82) Pyrene	19.848	202	800420	33.022	ng/ul	99
83) Butylbenzylphthalate	20.723	149	125121	17.396	ng/ul	96
85) Benzo(a)anthracene	21.680	228	320619	12.745	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.569	149	242149	23.485	ng/ul	95
87) Chrysene	21.751	228	189464	8.192	ng/ul	98
89) Di-n-octyl phthalate	22.779	149	472571	27.262	ng/ul	100
90) Benzo(b)fluoranthene	23.901	252	158812m	6.822	ng/ul	
91) Benzo(k)fluoranthene	23.971	252	262755	11.307	ng/ul	97
93) Benzo(a)pyrene	24.776	252	112603	5.165	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.683	276	171082m	6.830	ng/ul	
95) Dibenzo(a,h)anthracene	28.689	278	431772	20.788	ng/ul	99

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

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

