

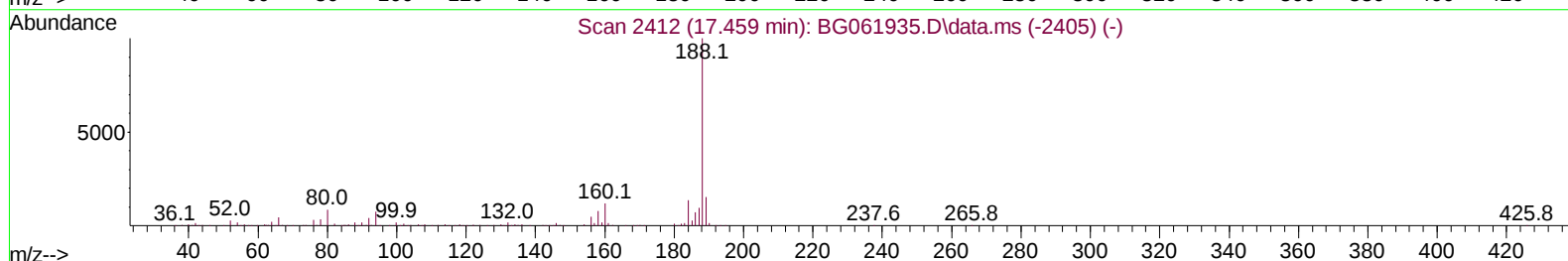
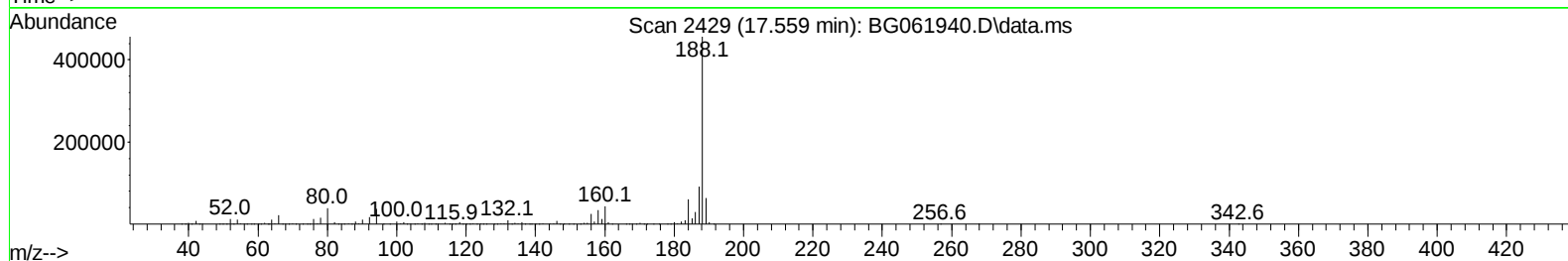
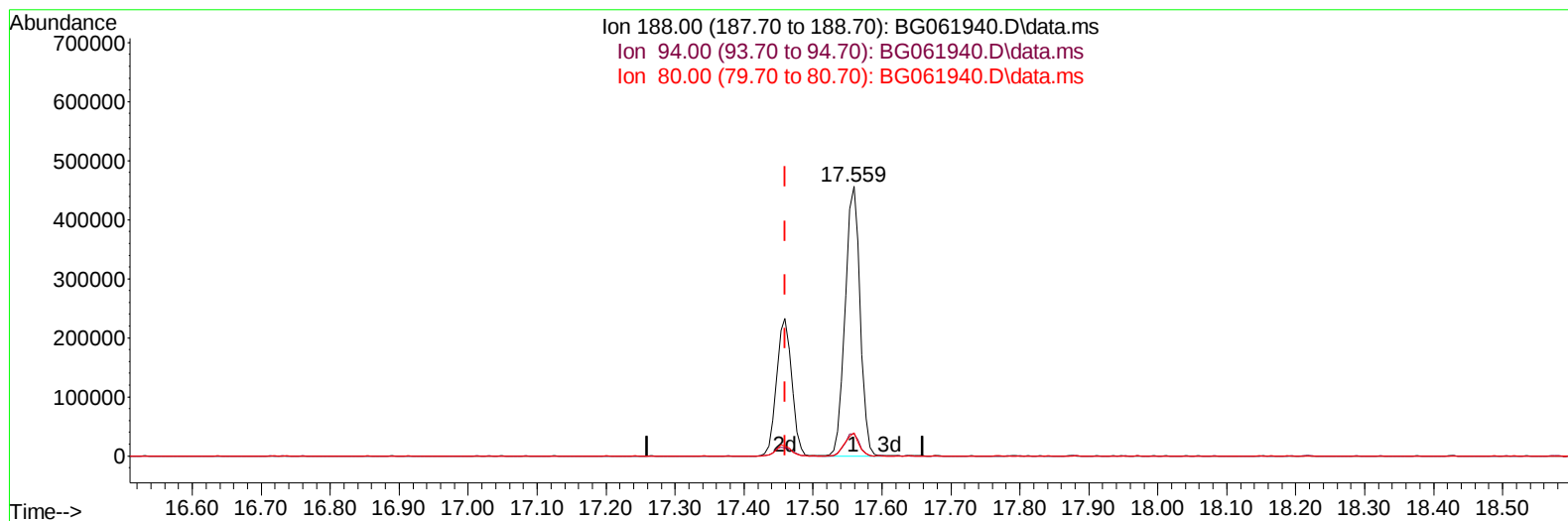
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061940.D
Acq On : 8 Jul 2024 13:25
Operator : MA/JU
Sample : P3059-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E1GM6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 13:59:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



TIC: BG061940.D\data.ms

(64) Phenanthrene-d10 (I)

17.559min (+ 0.100) 20.00 ng/u1

response 684357

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	8.06
80.00	10.40	8.58
0.00	0.00	0.00

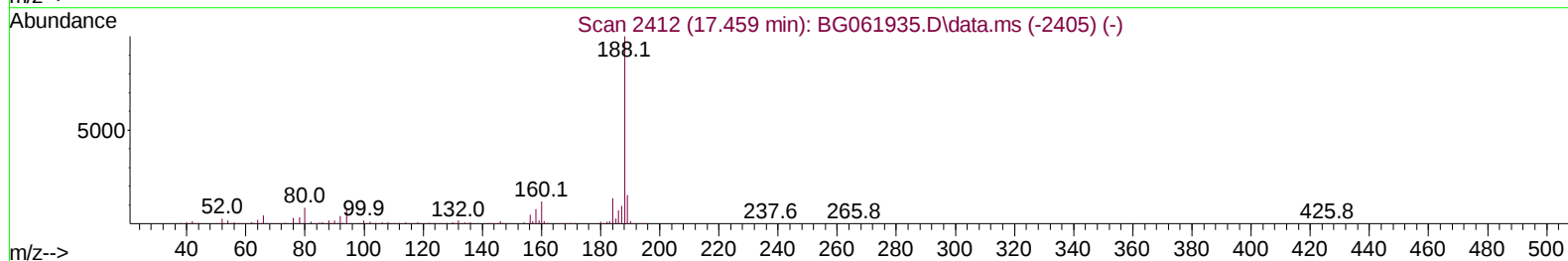
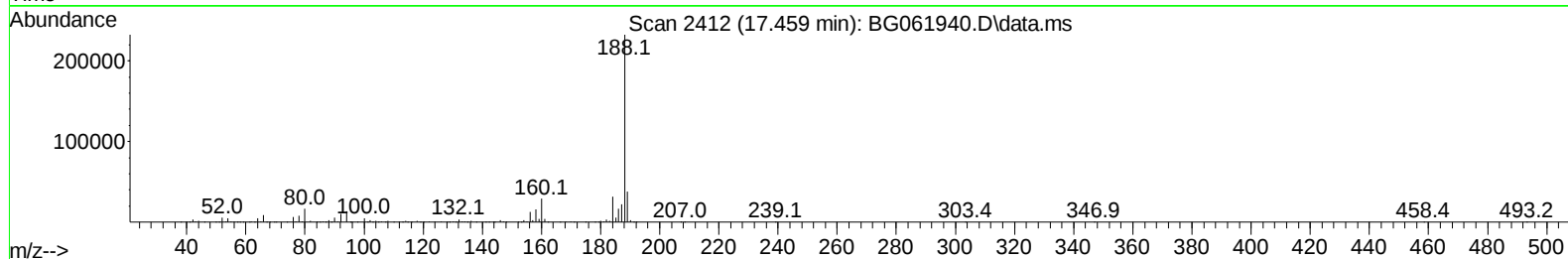
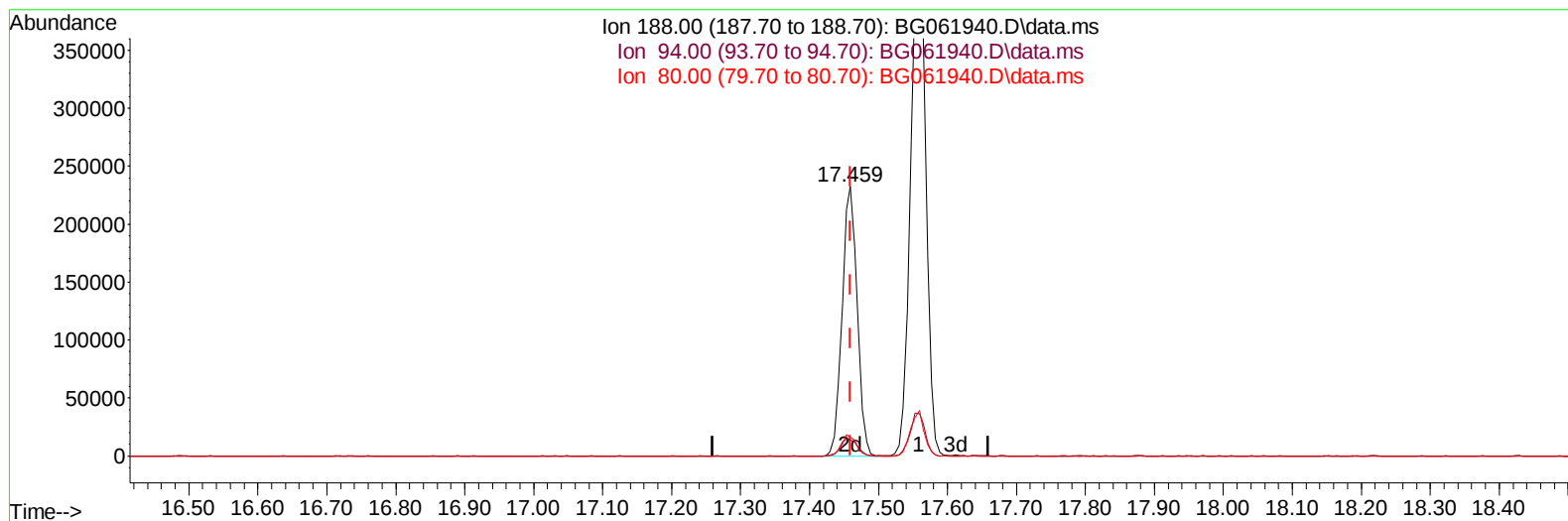
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061940.D
Acq On : 8 Jul 2024 13:25
Operator : MA/JU
Sample : P3059-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E1GM6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 13:59:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



TIC: BG061940.D\data.ms

(64) Phenanthrene-d10 (I)

17.459min (-0.000) 20.00 ng/ul m

response 353335

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	6.01#
80.00	10.40	7.10#
0.00	0.00	0.00

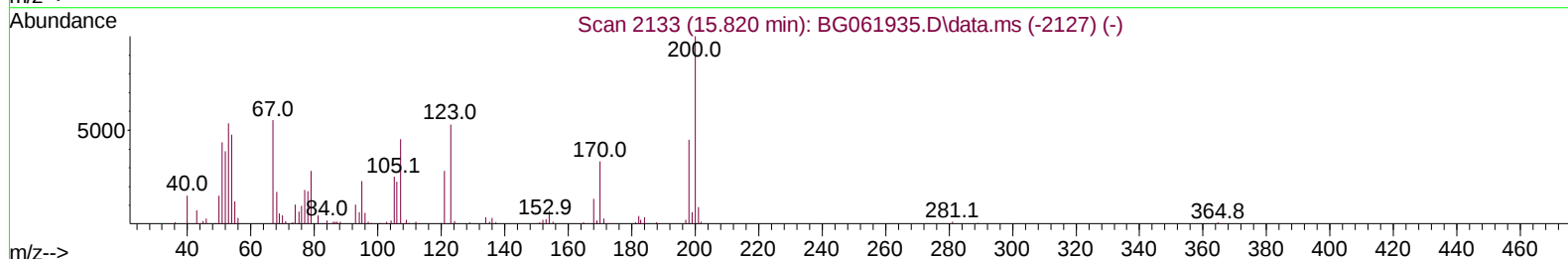
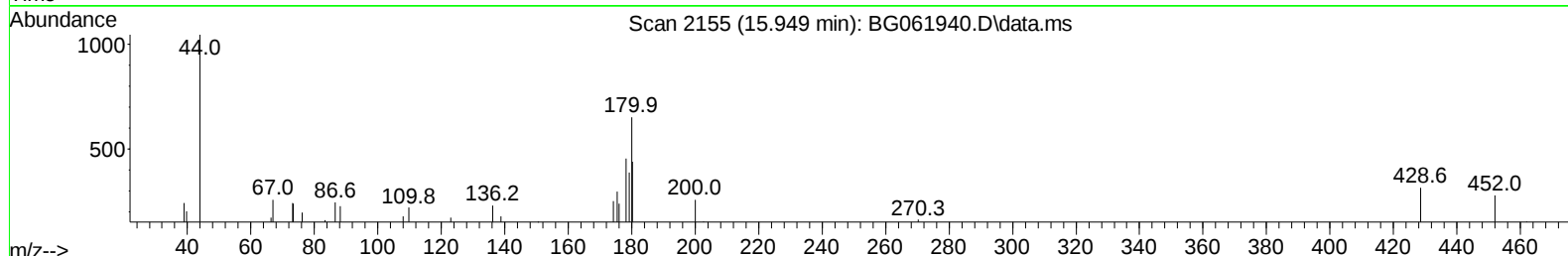
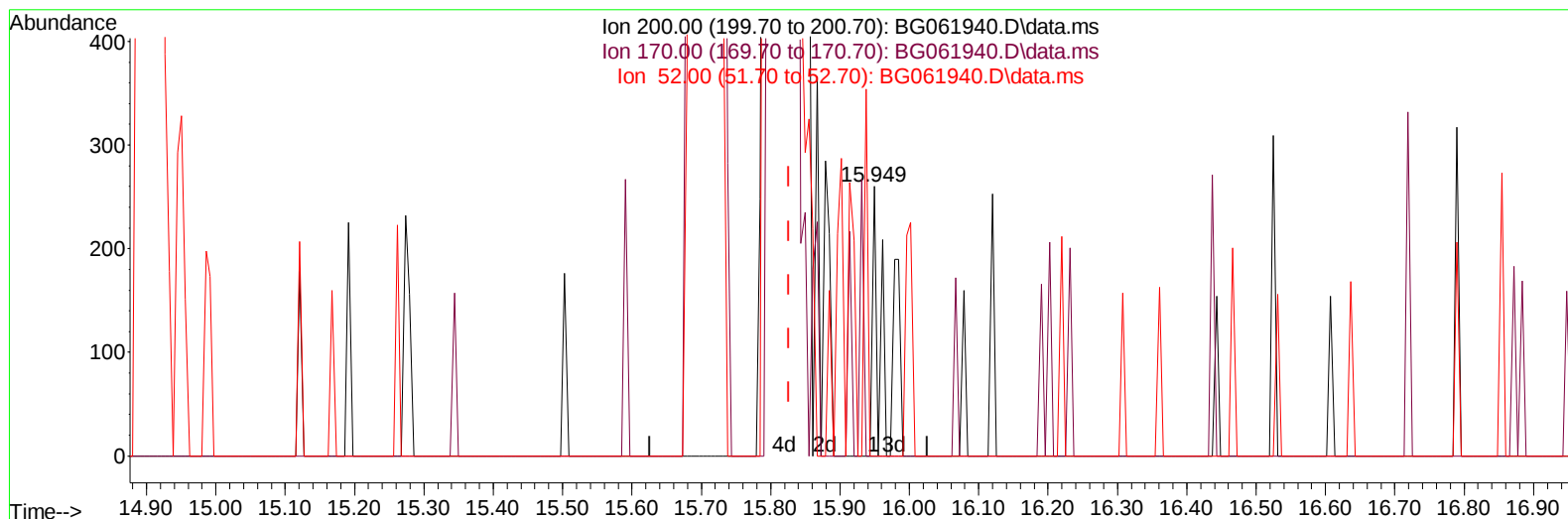
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061940.D
Acq On : 8 Jul 2024 13:25
Operator : MA/JU
Sample : P3059-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E1GM6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 14:01:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



TIC: BG061940.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.949min (+ 0.123) 0.05 ng/u1

response 92

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.10	0.00#
52.00	66.90	0.00#
0.00	0.00	0.00

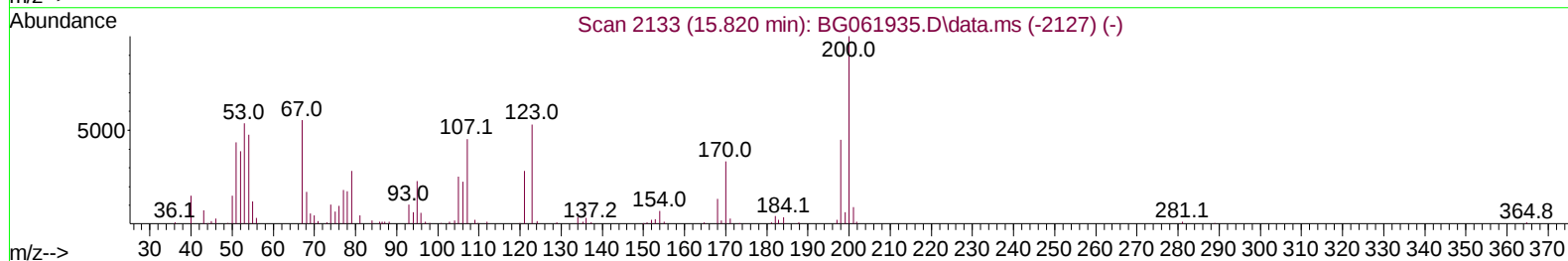
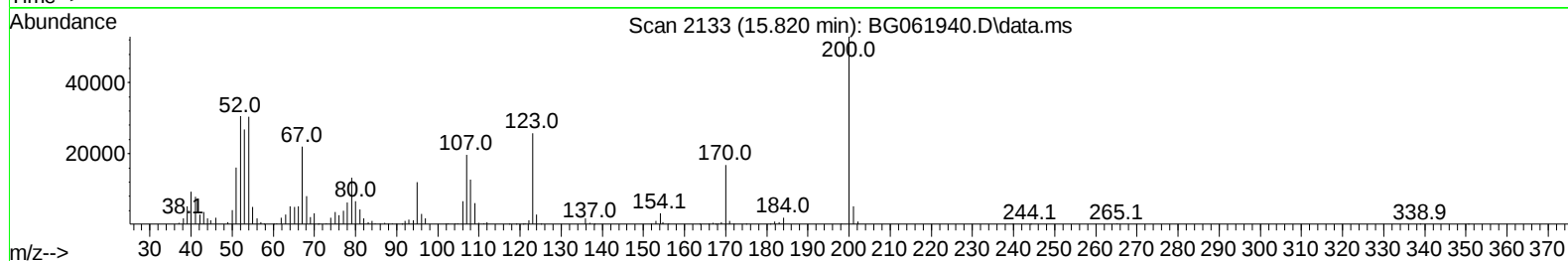
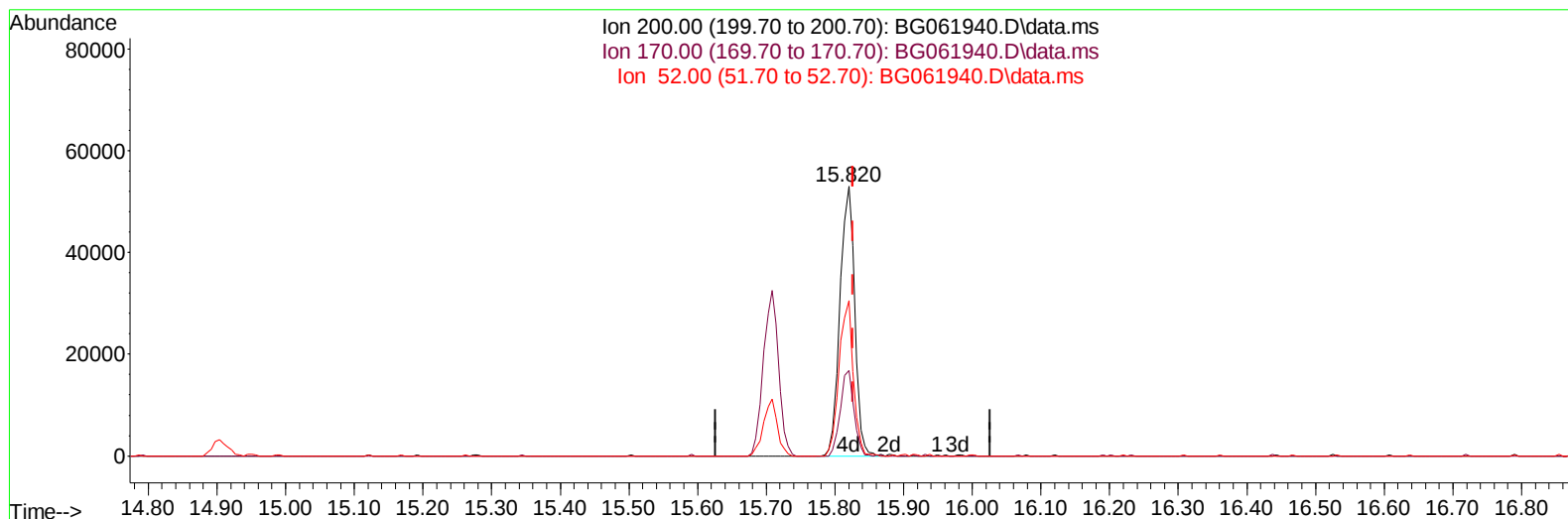
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061940.D
Acq On : 8 Jul 2024 13:25
Operator : MA/JU
Sample : P3059-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E1GM6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 14:01:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



TIC: BG061940.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.820min (-0.006) 42.79 ng/ul m

response 79402

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.10	31.81#
52.00	66.90	57.74
0.00	0.00	0.00

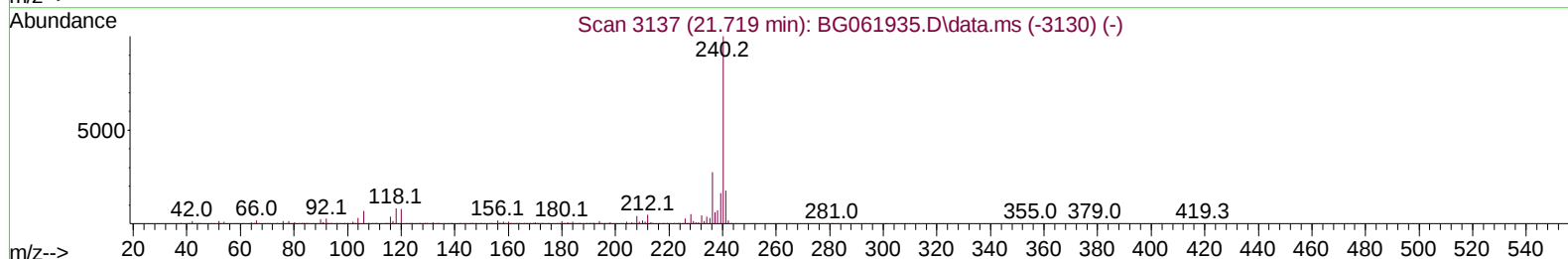
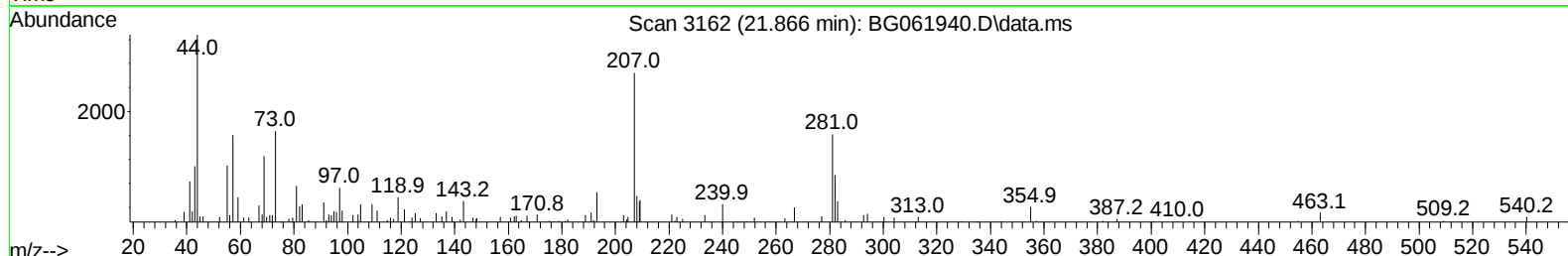
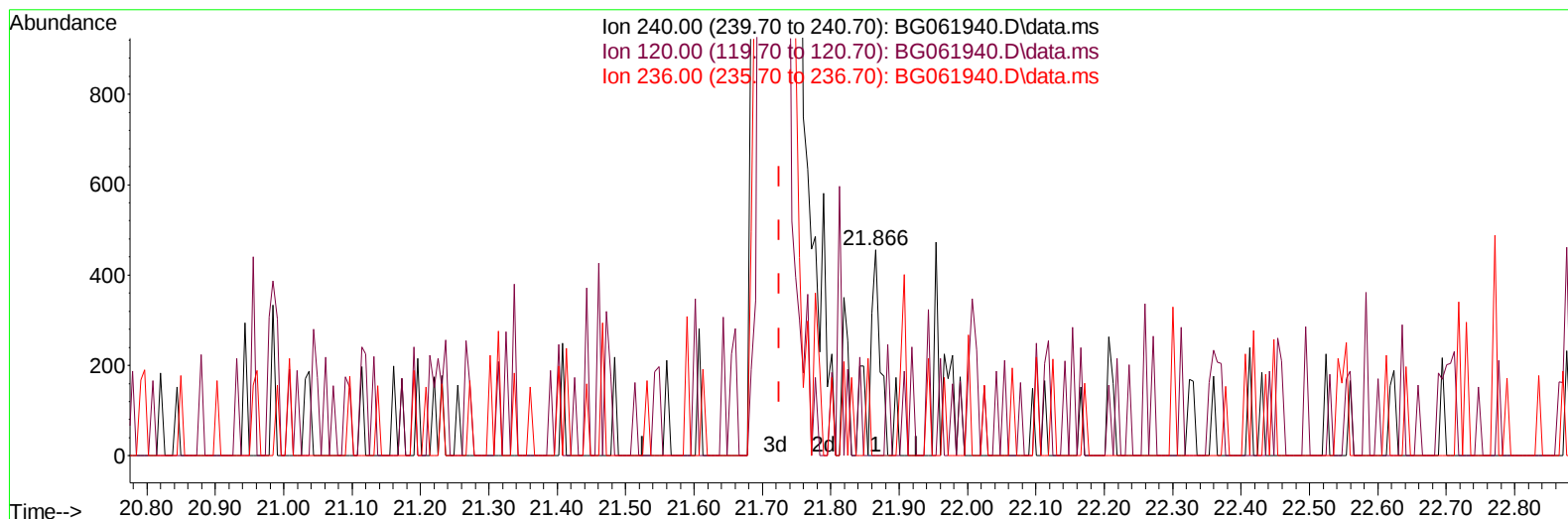
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061940.D
Acq On : 8 Jul 2024 13:25
Operator : MA/JU
Sample : P3059-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E1GM6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 14:01:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



TIC: BG061940.D\data.ms

(79) Chrysene-d12 (I)

21.866min (+ 0.141) 20.00 ng/u1

response 399

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	8.40	0.00#
236.00	25.80	0.00#
0.00	0.00	0.00

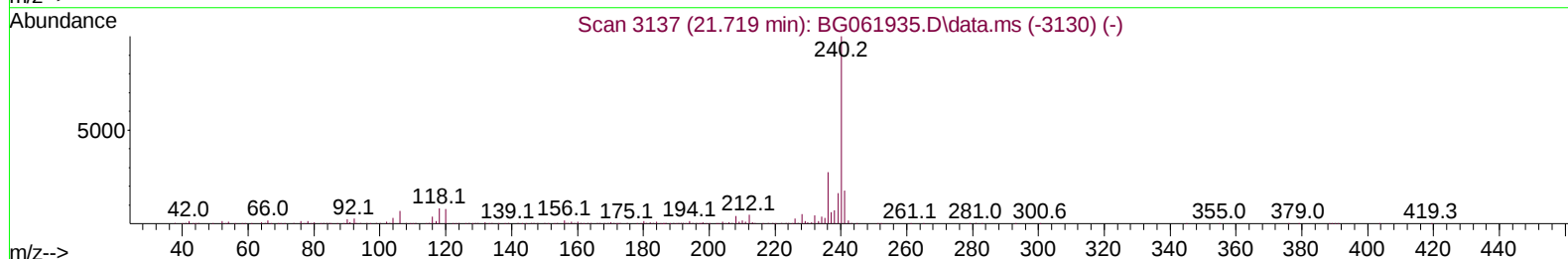
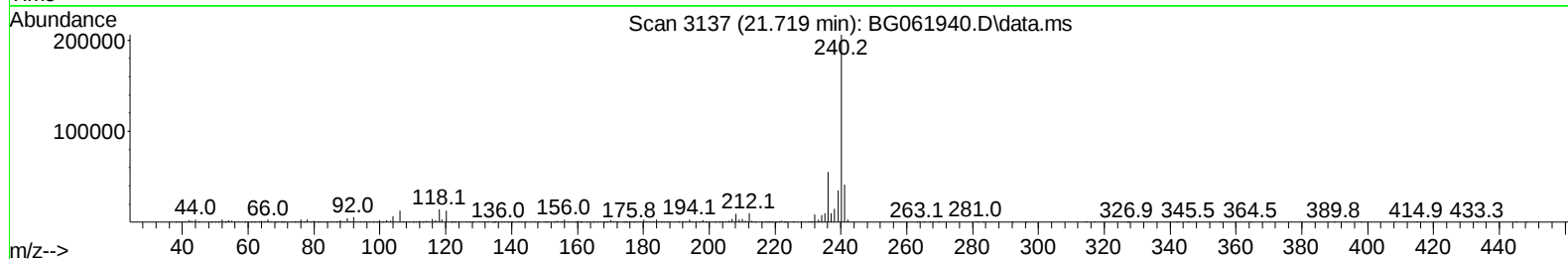
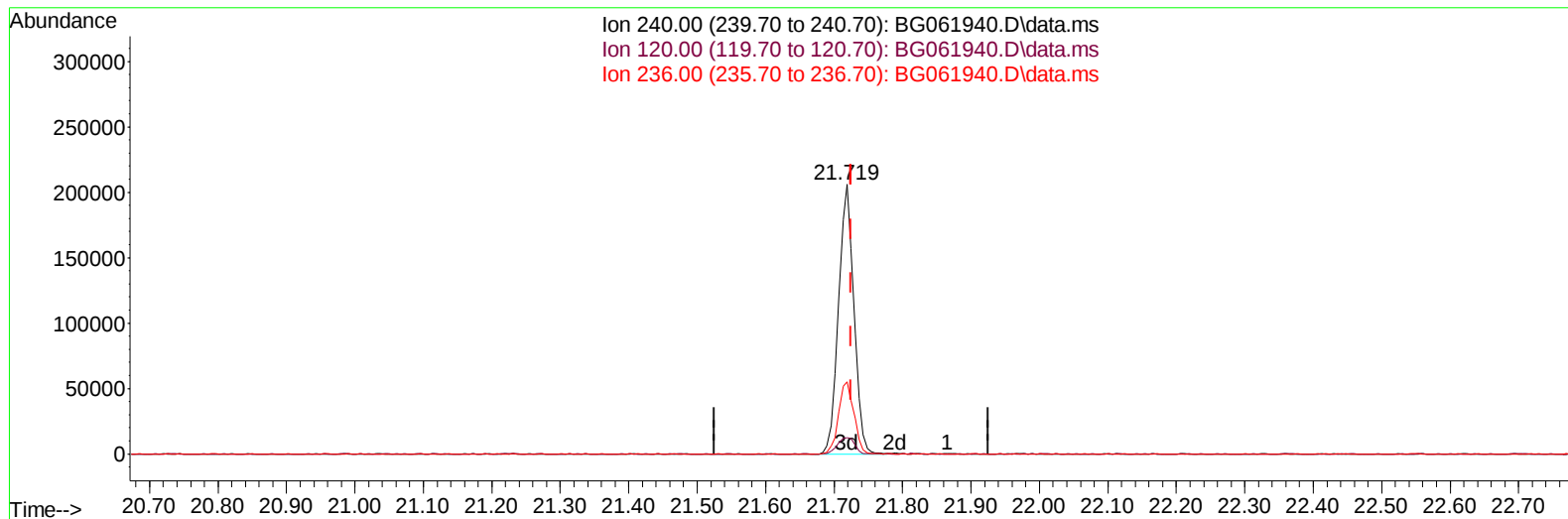
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061940.D
Acq On : 8 Jul 2024 13:25
Operator : MA/JU
Sample : P3059-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E1GM6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 14:01:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



TIC: BG061940.D\data.ms

(79) Chrysene-d12 (I)

21.719min (-0.006) 20.00 ng/ul m

response 320703

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	8.40	6.09#
236.00	25.80	26.68
0.00	0.00	0.00

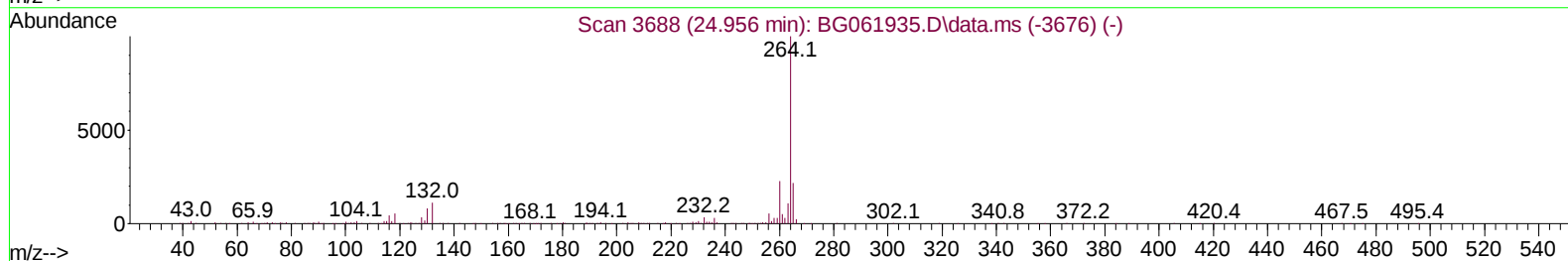
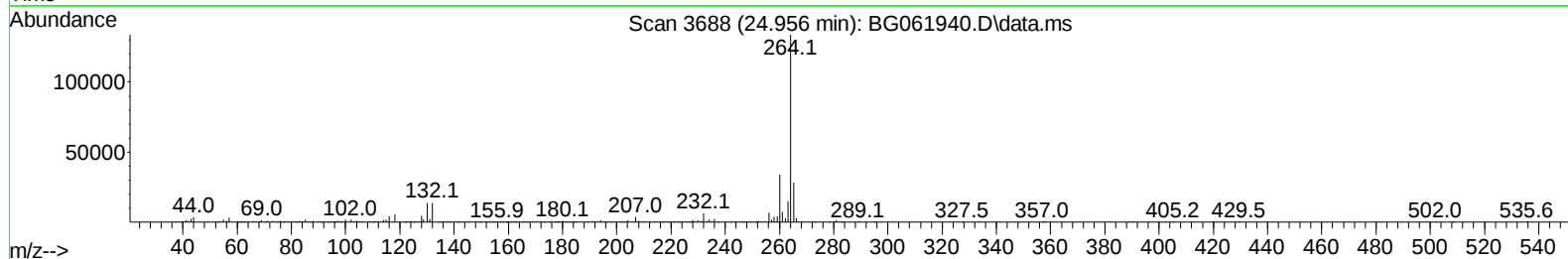
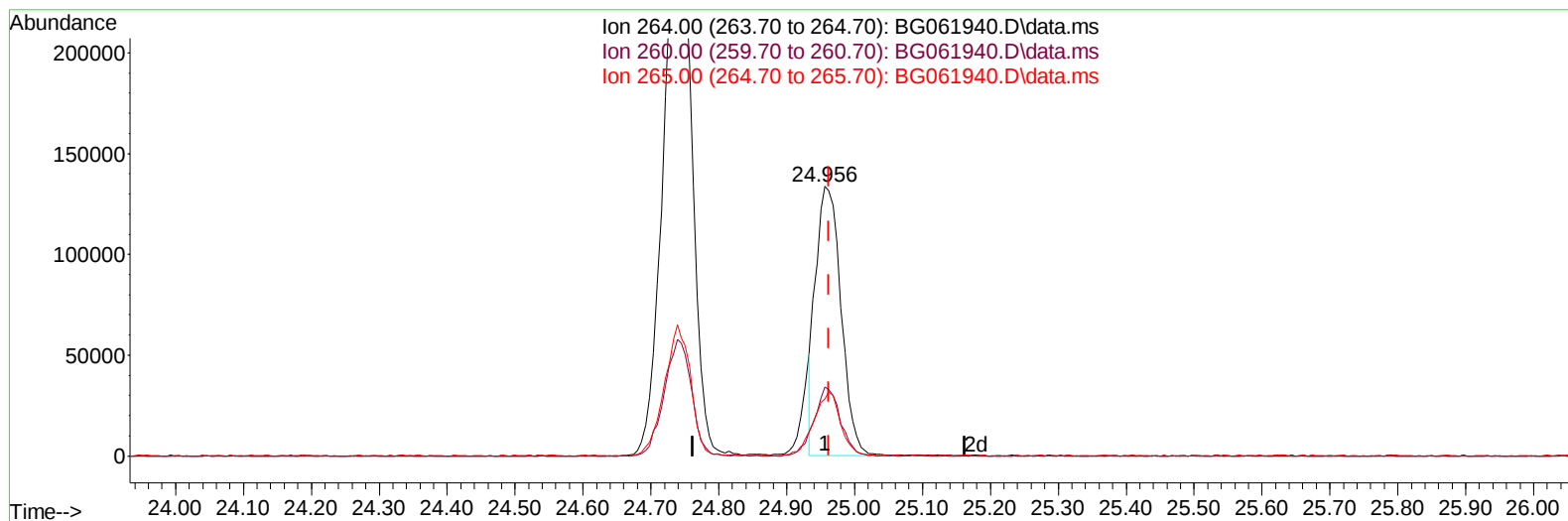
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061940.D
Acq On : 8 Jul 2024 13:25
Operator : MA/JU
Sample : P3059-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E1GM6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 14:02:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



TIC: BG061940.D\data.ms

(88) Perylene-d12 (I)

24.956min (-0.006) 20.00 ng/u1

response 344194

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.20	25.53
265.00	20.40	21.10
0.00	0.00	0.00

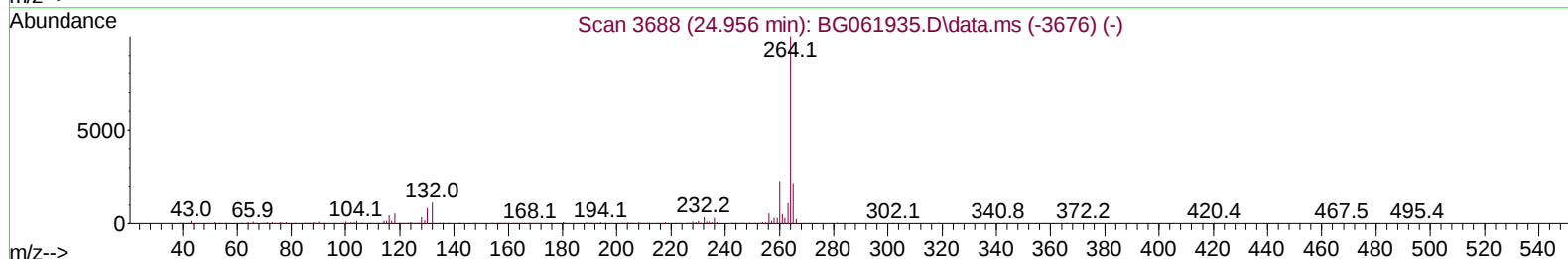
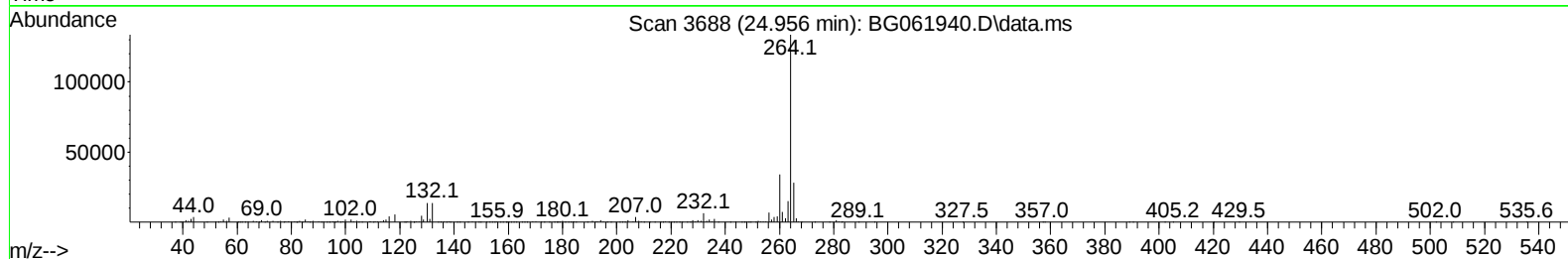
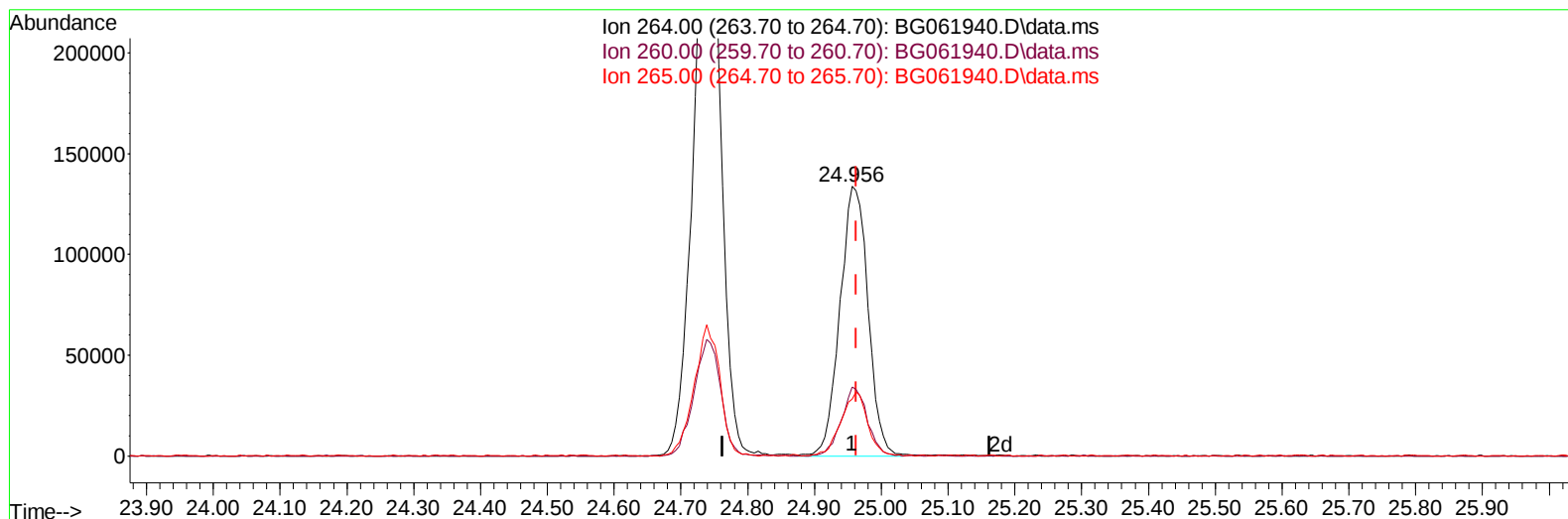
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061940.D
Acq On : 8 Jul 2024 13:25
Operator : MA/JU
Sample : P3059-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E1GM6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 14:02:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



TIC: BG061940.D\data.ms

(88) Perylene-d12 (I)

24.956min (-0.006) 20.00 ng/ul m

response 389924

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.20	25.53
265.00	20.40	21.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061940.D
 Acq On : 8 Jul 2024 13:25
 Operator : MA/JU
 Sample : P3059-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E1GM6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 14:03:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	35258	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.908	136	178177	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	144491	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	353335m	20.000	ng/ul	0.00
79) Chrysene-d12	21.719	240	320703m	20.000	ng/ul	0.00
88) Perylene-d12	24.956	264	389924m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	4606	4.909	ng/uL	0.00
4) Pyridine-d5	3.905	84	30317	10.509	ng/ul	0.00
7) Phenol-d5	7.248	99	42585	11.037	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.412	67	80138	32.797	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	89239	33.717	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	77205	25.413	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	53063	39.158	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	60437	39.055	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	118713	39.772	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.037	131	144166	33.268	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	448668	37.770	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	480606	38.692	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	21660	11.418	ng/ul	0.00
60) Fluorene-d10	15.708	176	411929	41.192	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	79402m	42.789	ng/ul	0.00
73) Anthracene-d10	17.559	188	683707	41.445	ng/ul	0.00
81) Pyrene-d10	19.839	212	788561	41.804	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.739	264	817008	42.248	ng/ul	0.00

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
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Sample : P3059-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 08 14:03:12 2024
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