

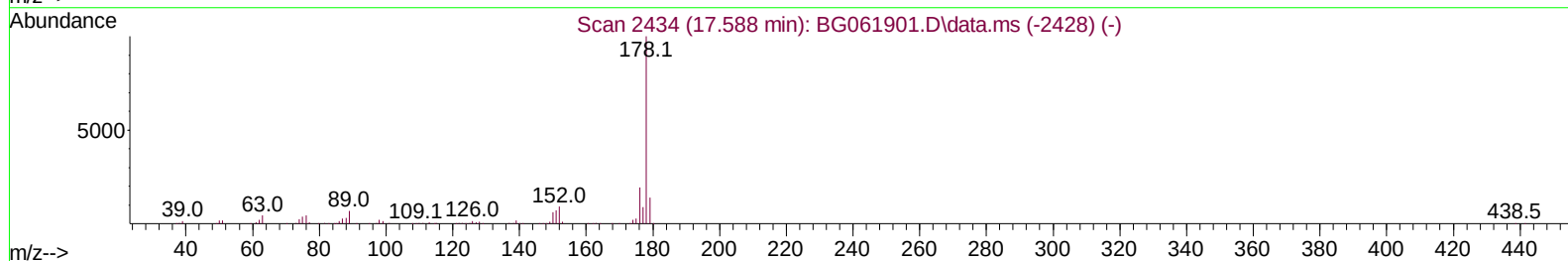
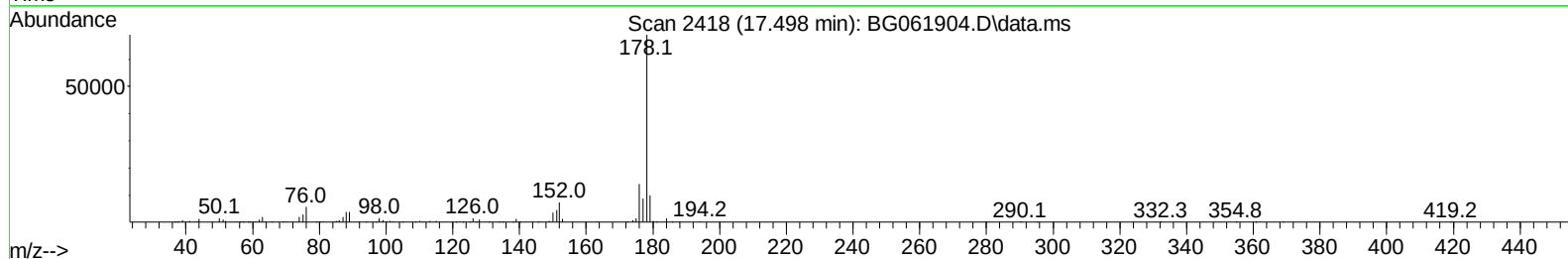
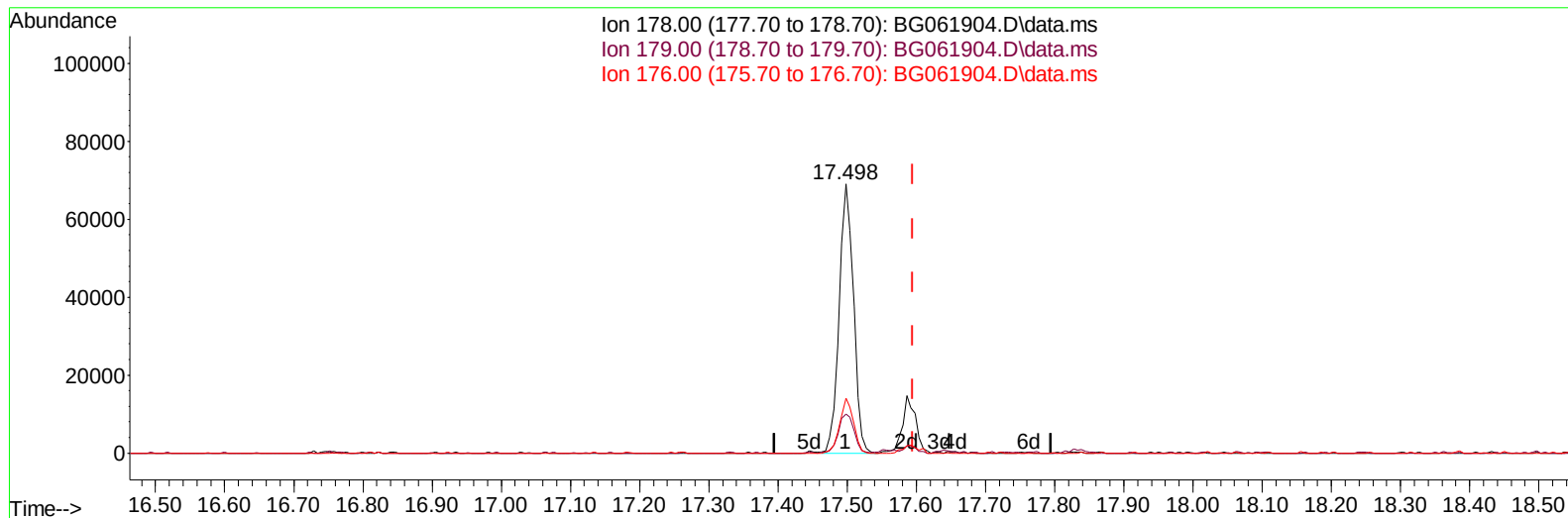
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 22:43:03 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 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061904.D\data.ms

(74) Anthracene

17.498min (-0.097) 5.10 ng/u1

response 99135

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	14.47
176.00	18.40	20.45
0.00	0.00	0.00

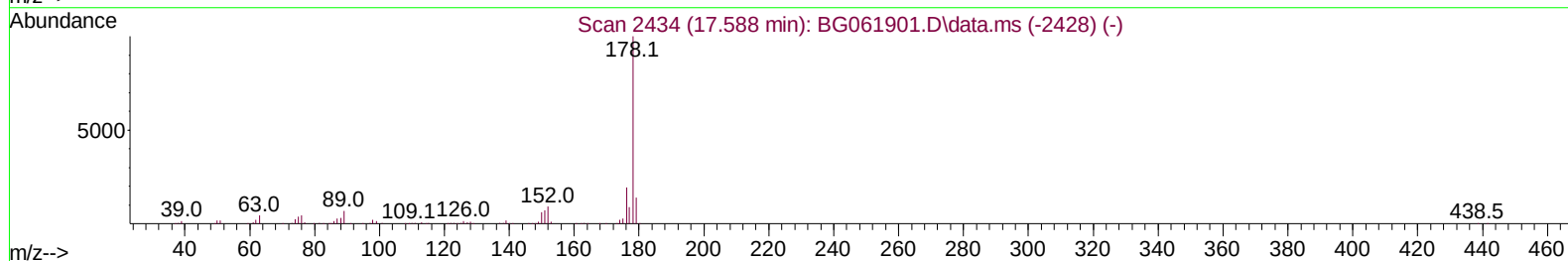
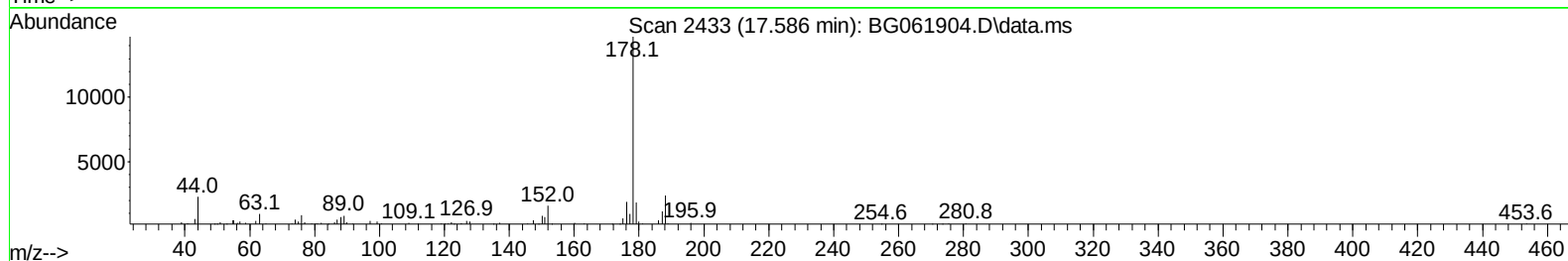
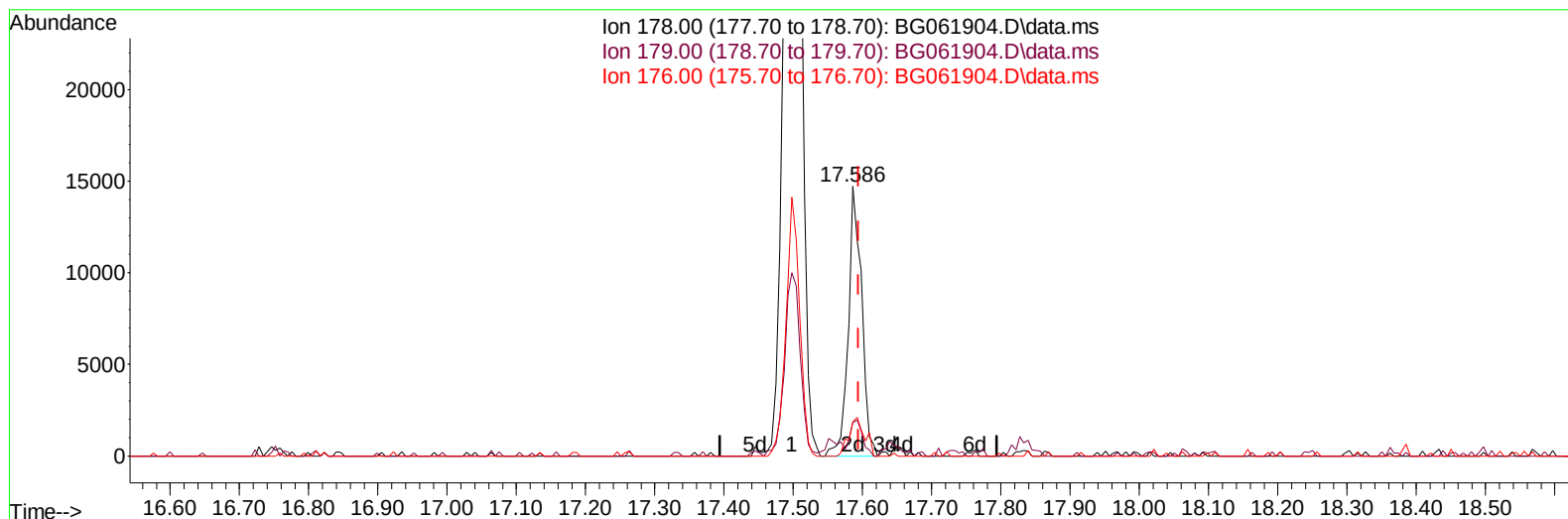
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 22:43:03 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 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061904.D\data.ms

(74) Anthracene

17.586min (-0.008) 1.01 ng/ul m

response 19611

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	12.46
176.00	18.40	12.69#
0.00	0.00	0.00

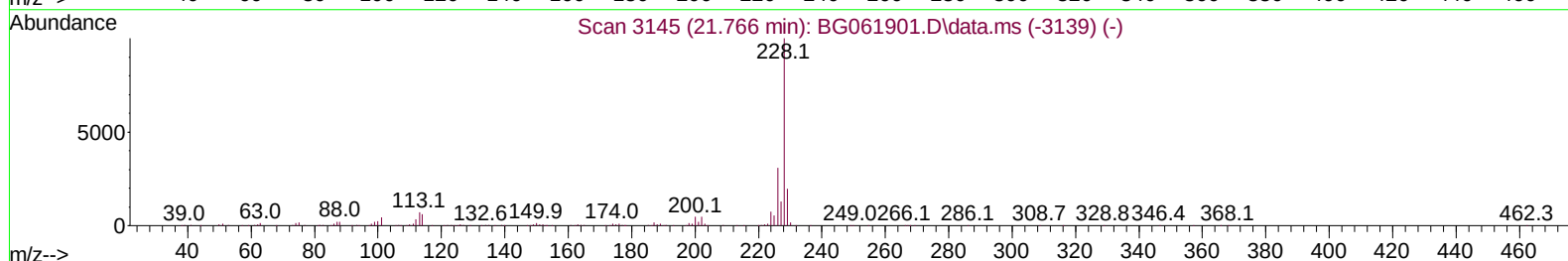
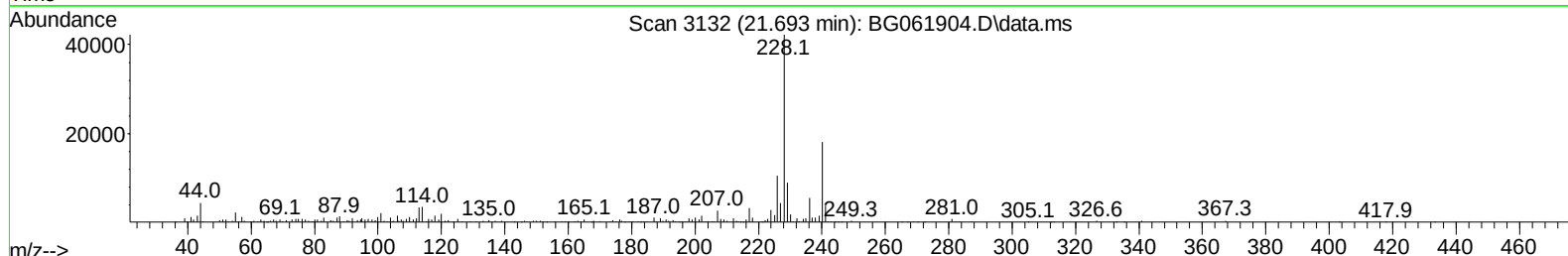
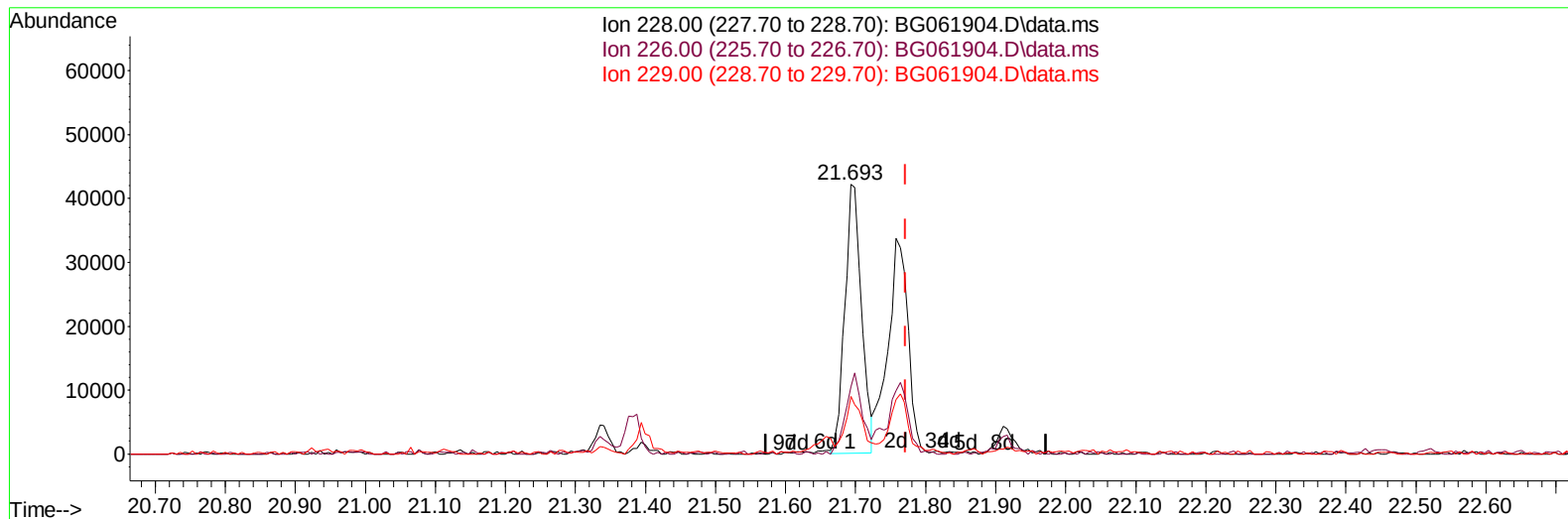
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:22:47 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 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061904.D\data.ms

(87) Chrysene

21.693min (-0.079) 3.34 ng/u1

response 70695

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	24.92
229.00	19.40	21.32
0.00	0.00	0.00

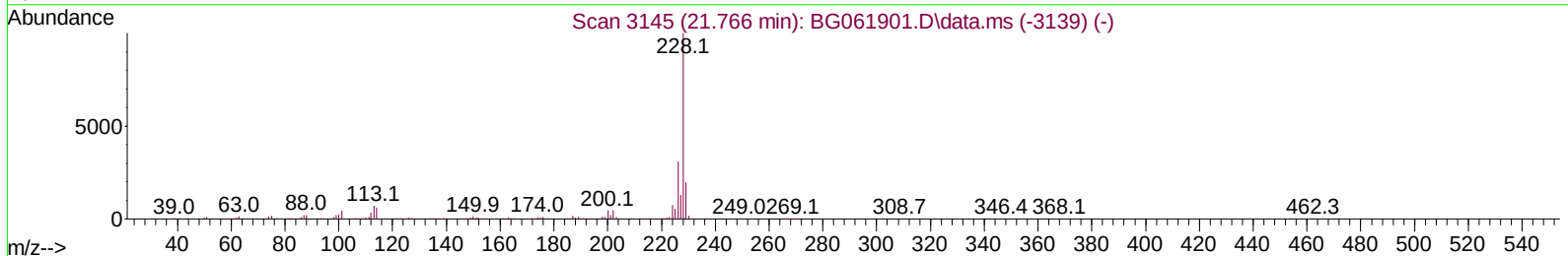
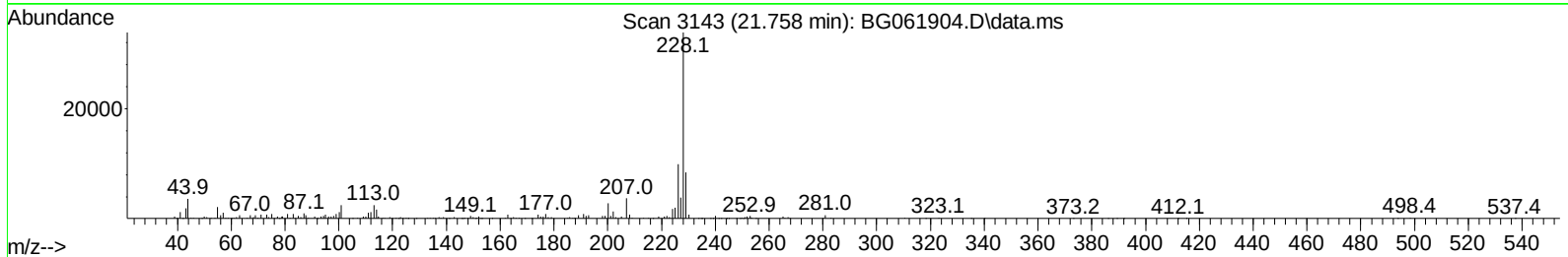
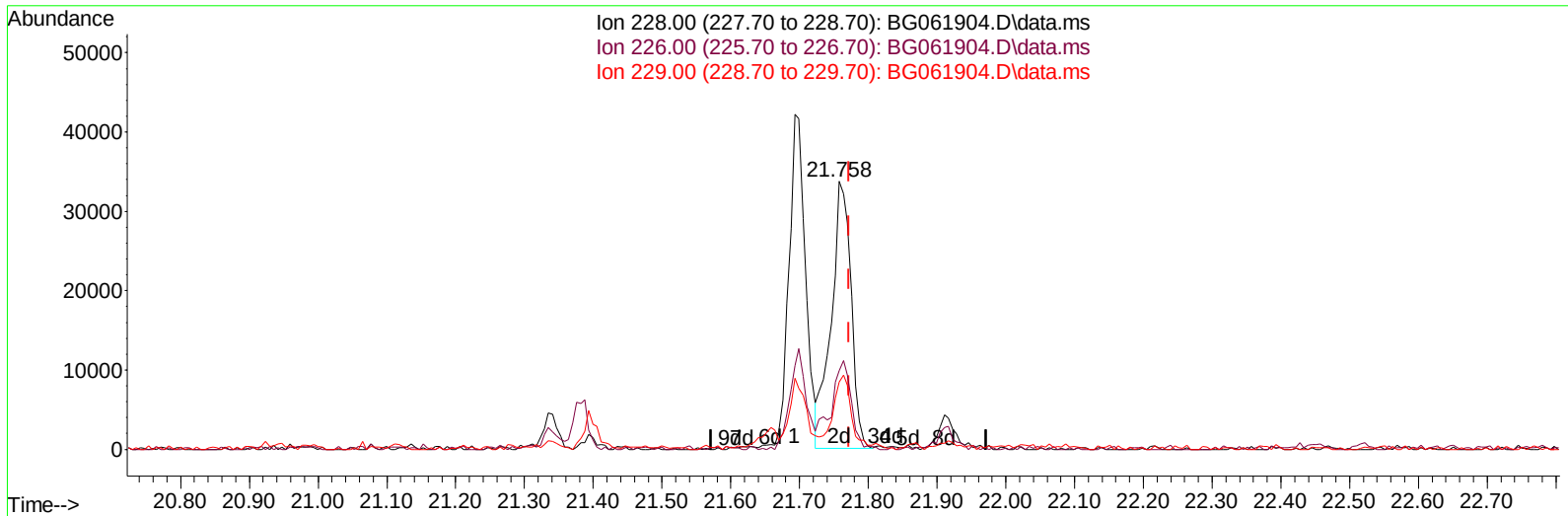
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:22:47 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 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061904.D\data.ms

(87) Chrysene

21.758min (-0.014) 3.20 ng/ul m

response 67555

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	29.39
229.00	19.40	25.09#
0.00	0.00	0.00

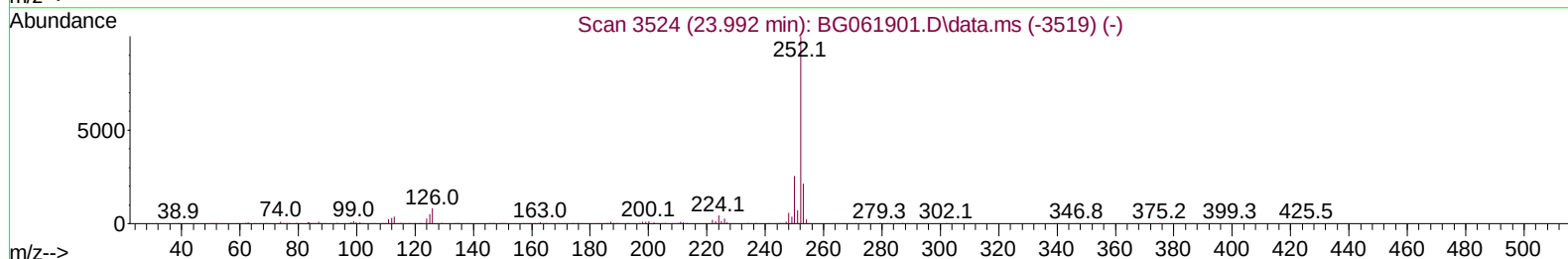
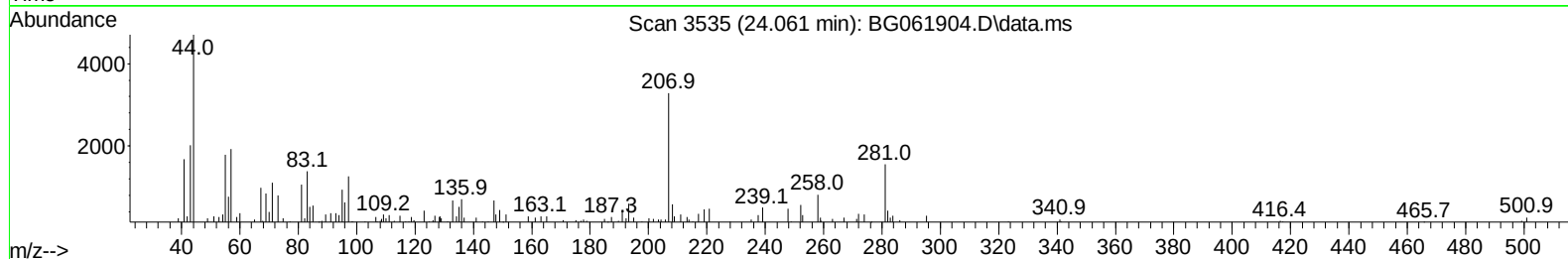
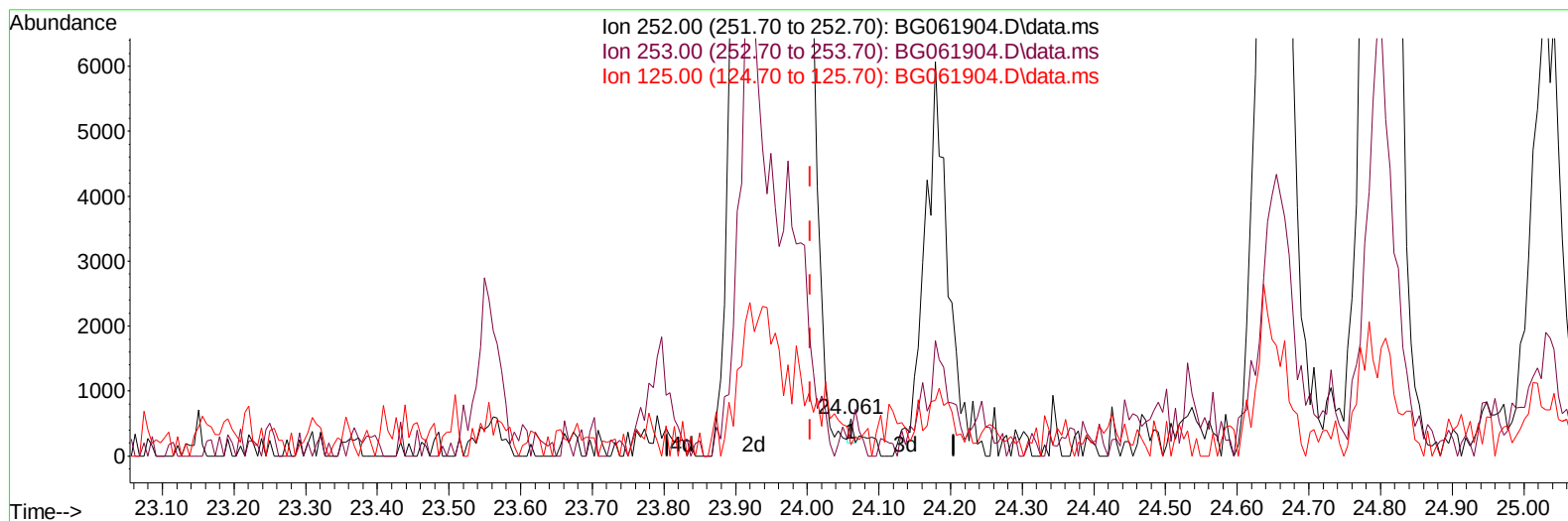
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:24:42 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 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061904.D\data.ms

(91) Benzo(k)fluoranthene

24.061min (+ 0.056) 0.01 ng/ul

response 133

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	57.04#
125.00	7.90	29.39#
0.00	0.00	0.00

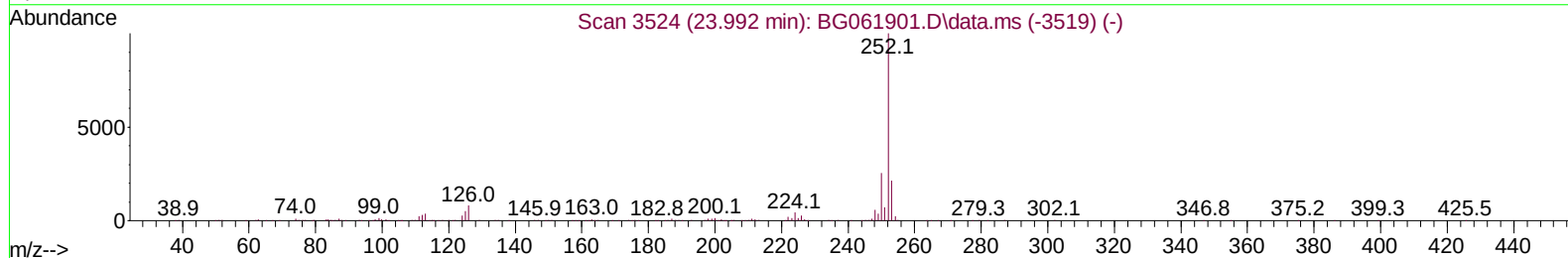
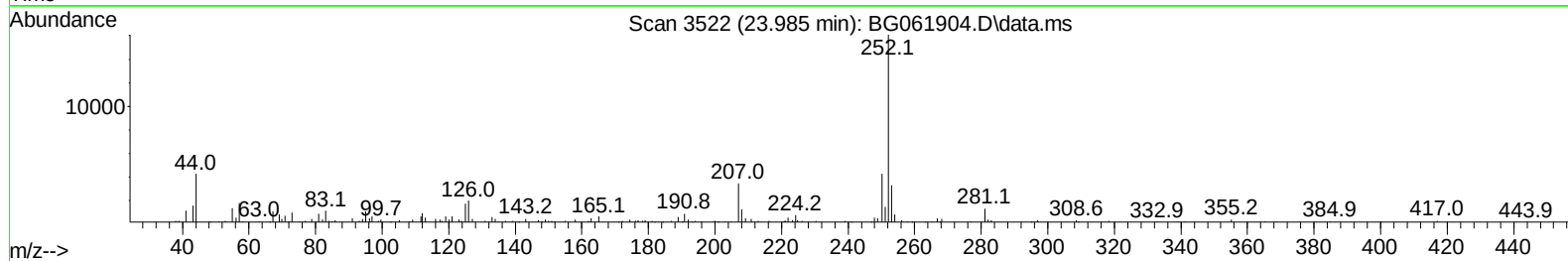
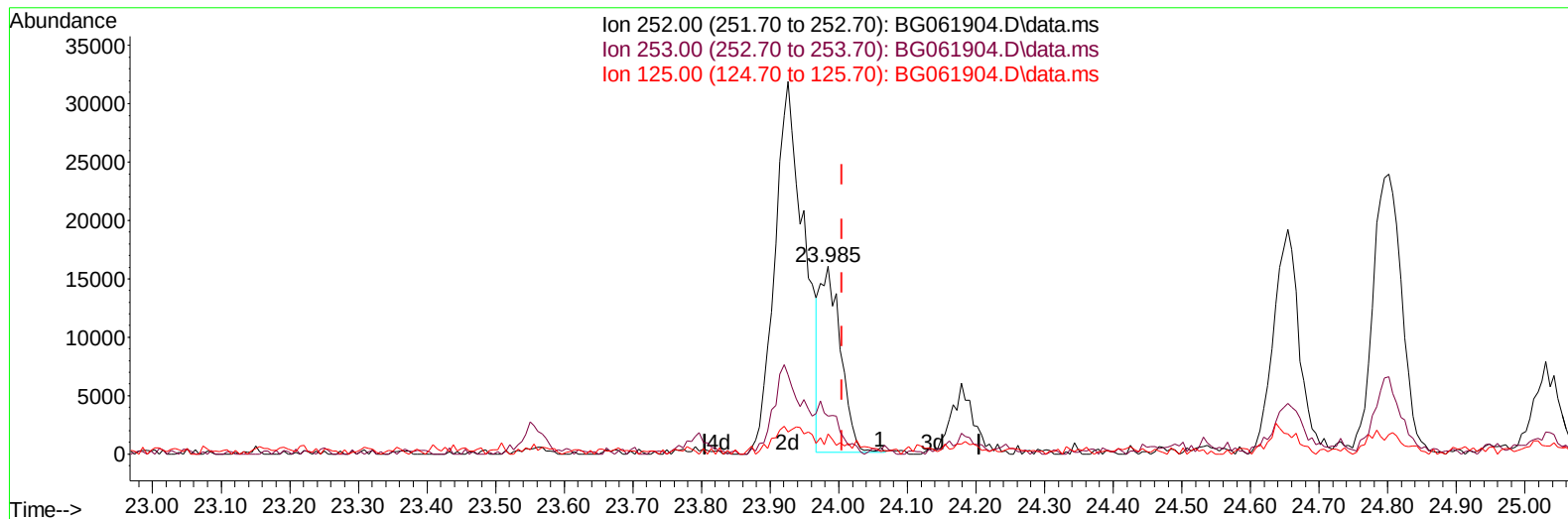
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:24:42 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 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061904.D\data.ms

(91) Benzo(k)fluoranthene

23.985min (-0.020) 1.39 ng/ul m

response 33556

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	20.28
125.00	7.90	10.55#
0.00	0.00	0.00

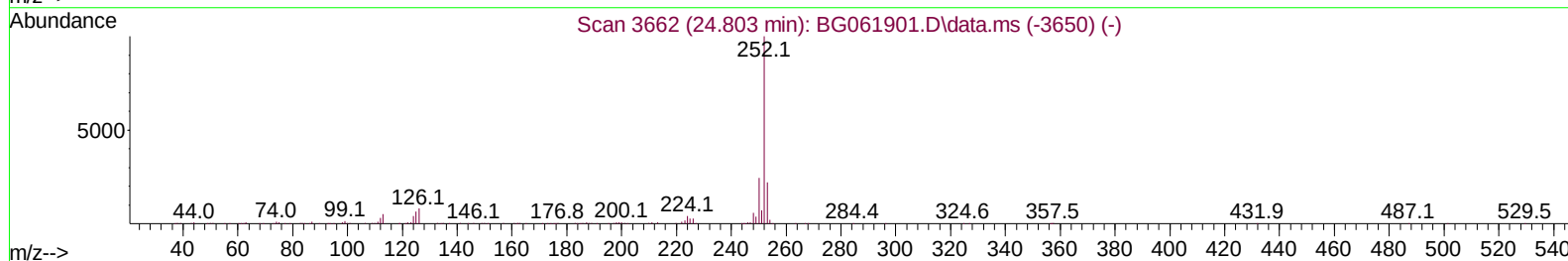
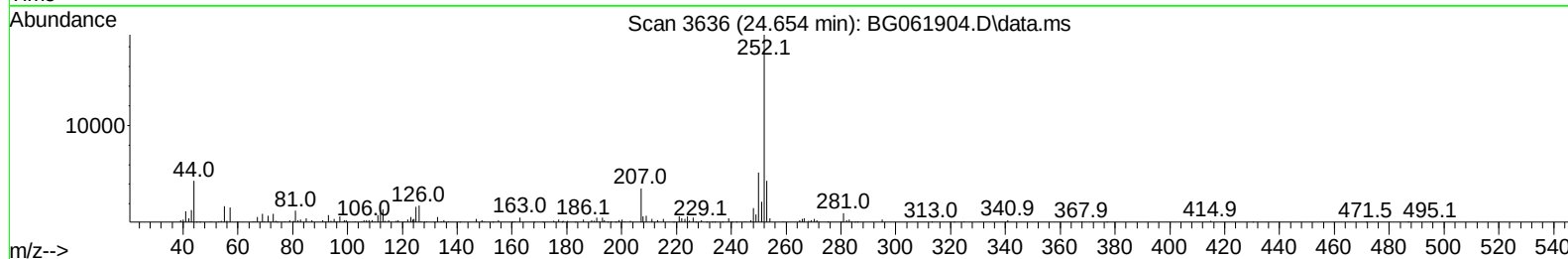
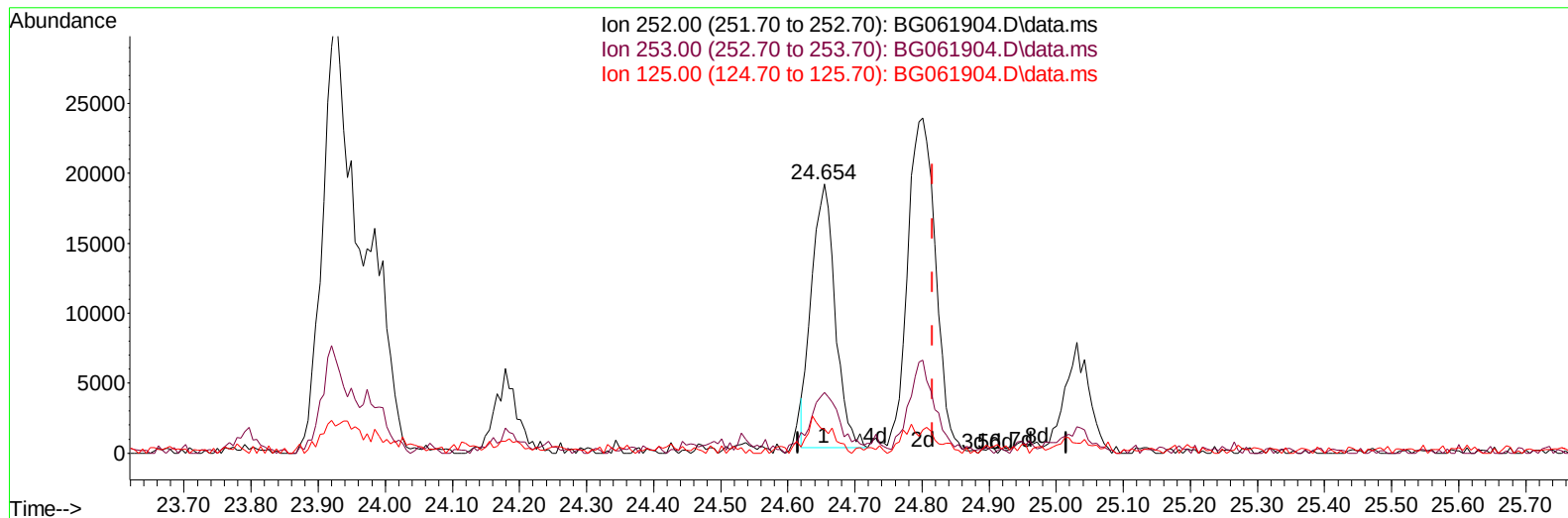
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:28:51 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 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061904.D\data.ms

(93) Benzo(a)pyrene (C)

24.654min (-0.161) 2.00 ng/u1

response 45895

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	22.55
125.00	9.30	8.85
0.00	0.00	0.00

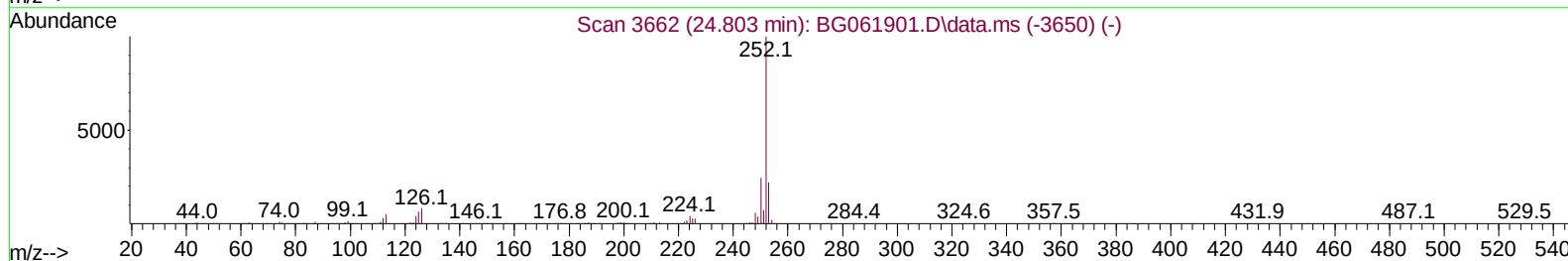
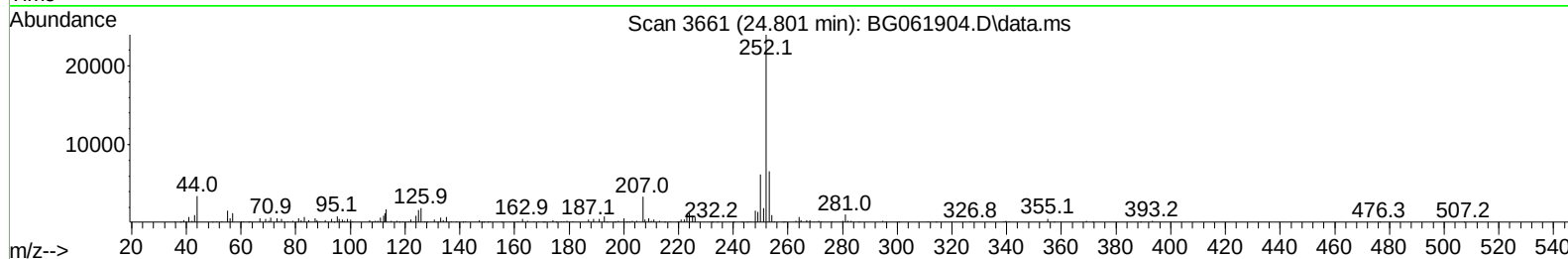
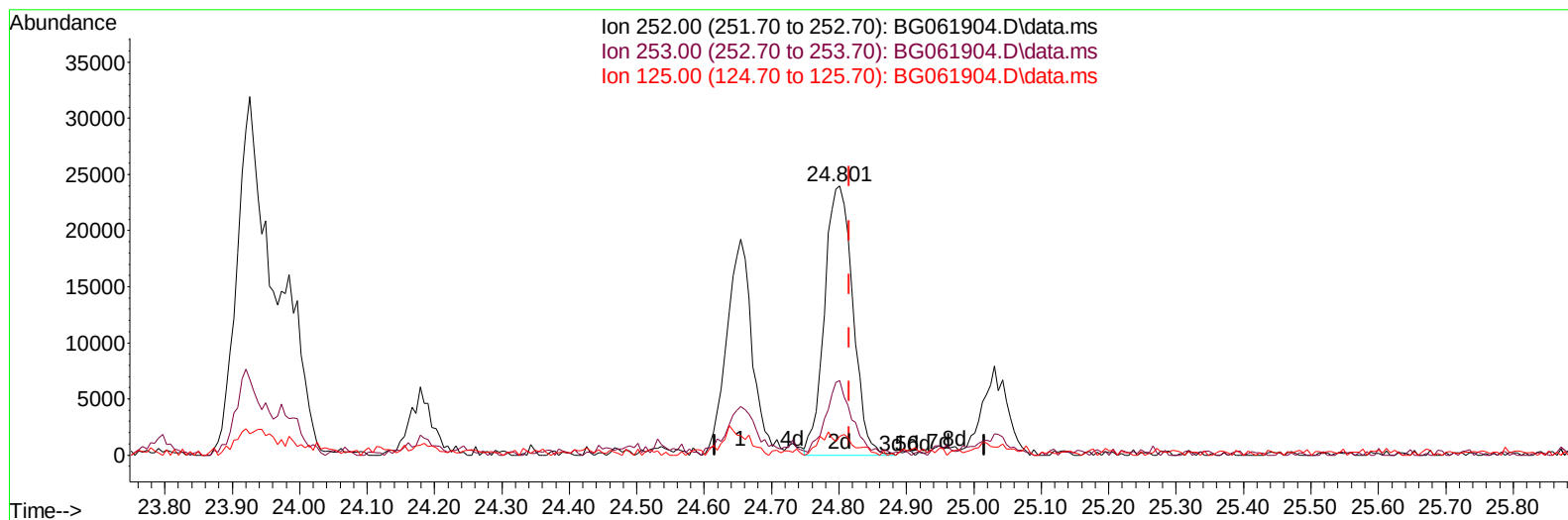
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:28:51 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 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061904.D\data.ms

(93) Benzo(a)pyrene (C)

24.801min (-0.014) 3.05 ng/ul m

response 70183

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	27.67#
125.00	9.30	6.96#
0.00	0.00	0.00

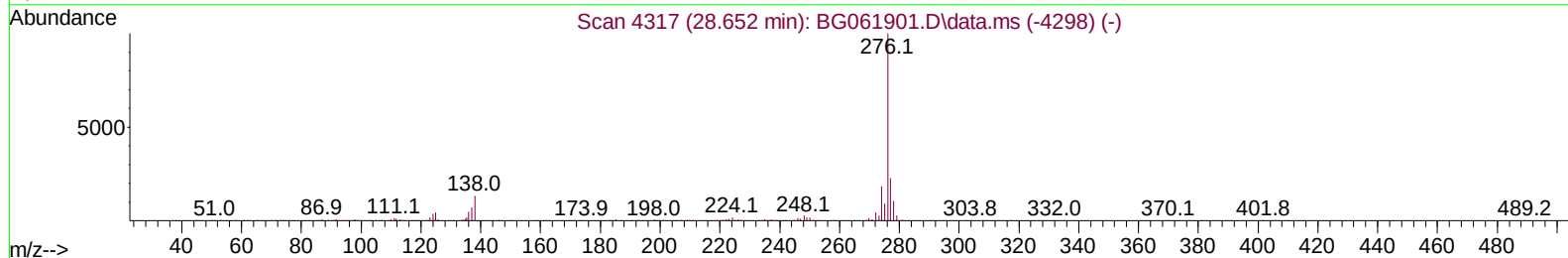
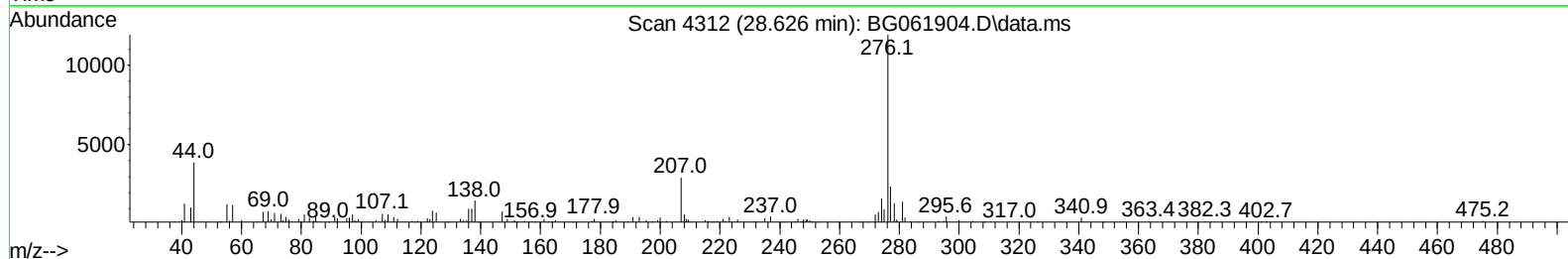
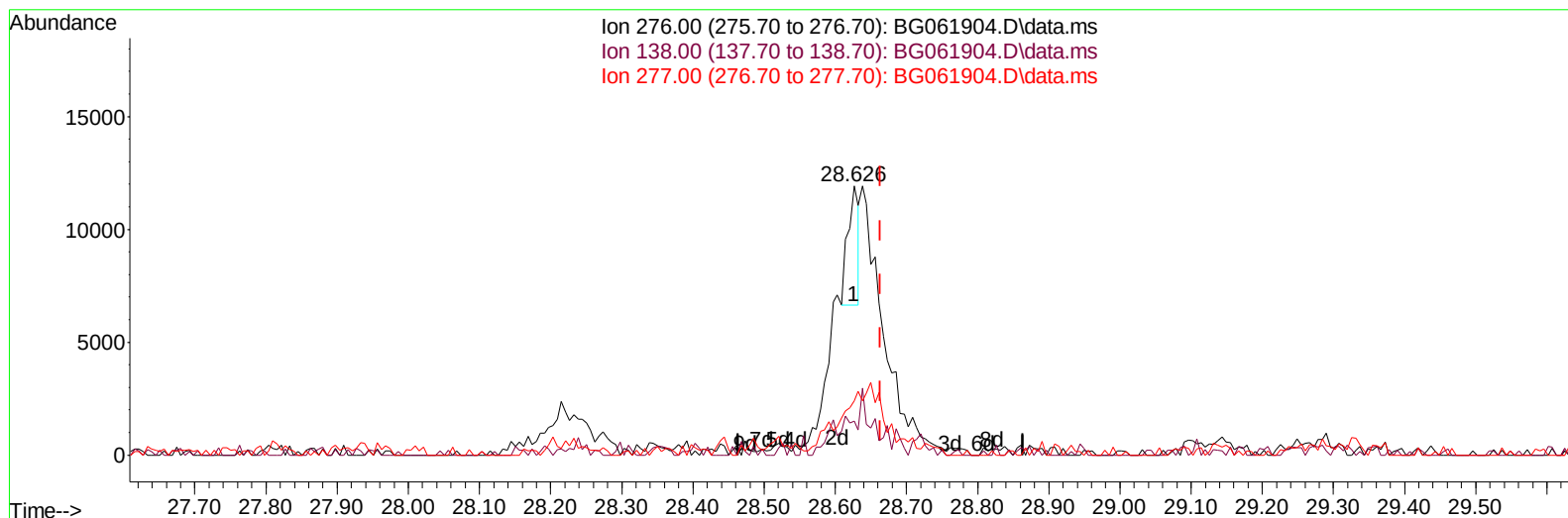
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 05 23:28:51 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



TIC: BG061904.D\data.ms

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

28.626min (-0.038) 0.19 ng/u1

response 5661

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	12.64
277.00	24.10	20.11
0.00	0.00	0.00

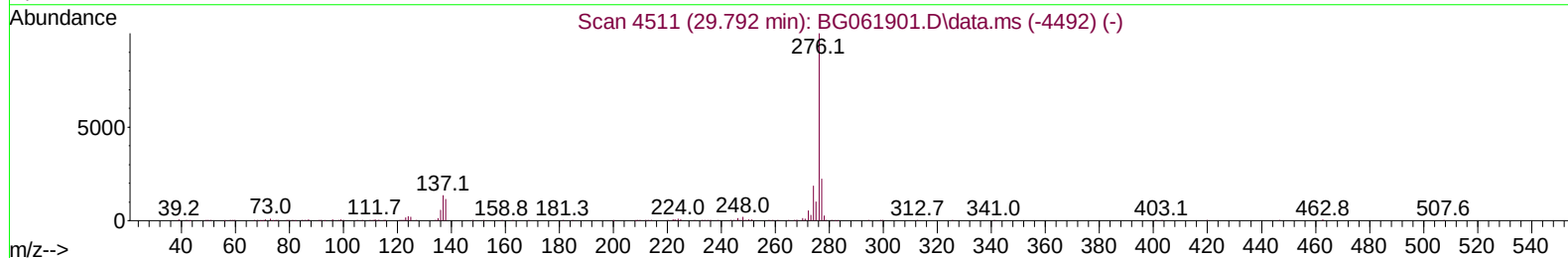
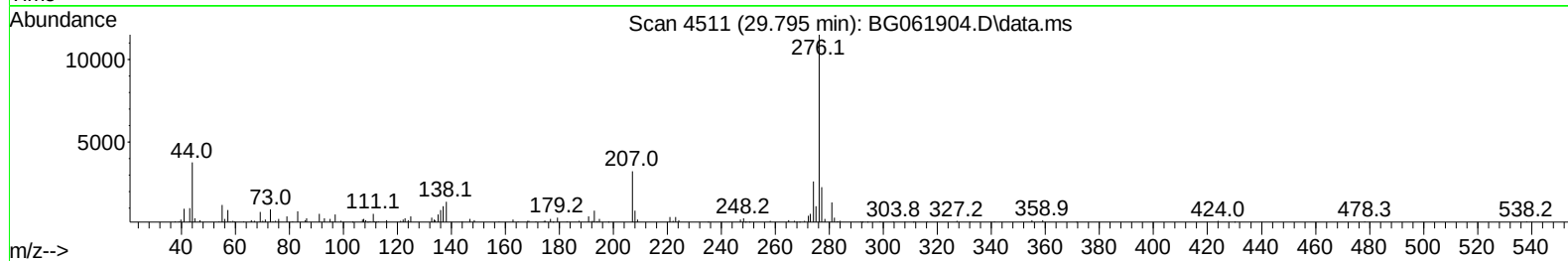
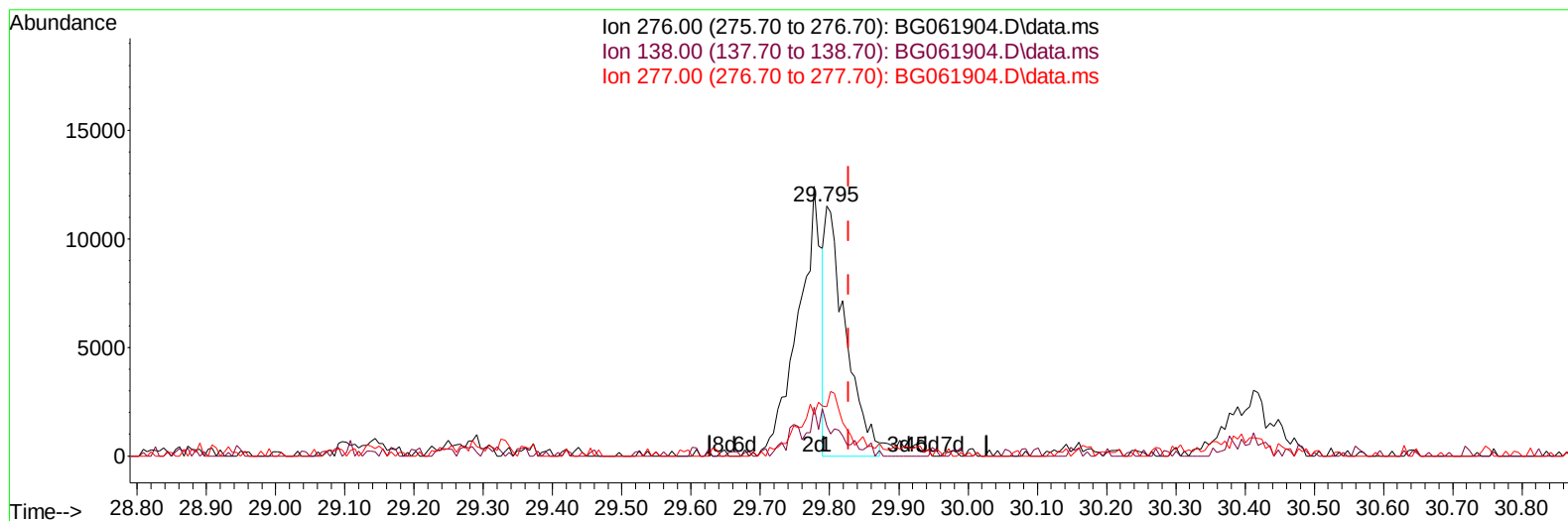
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:31:45 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 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061904.D\data.ms

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

29.795min (-0.032) 1.02 ng/u1

response 23832

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	12.10
277.00	23.50	19.61
0.00	0.00	0.00

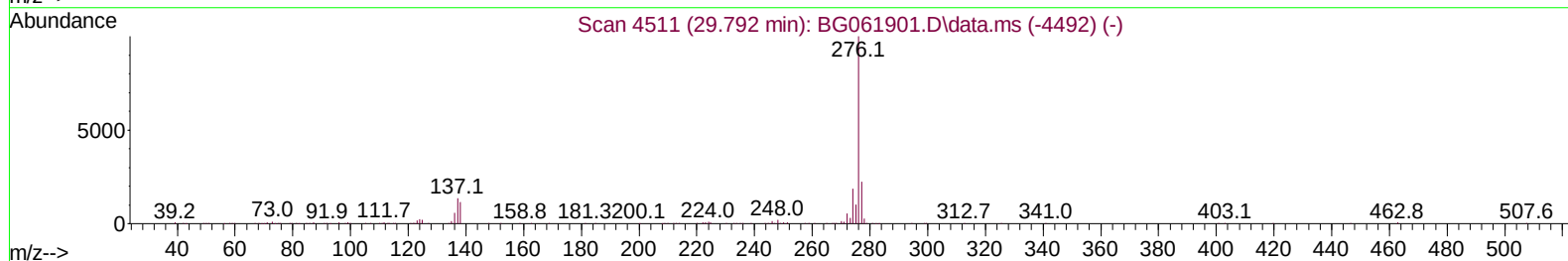
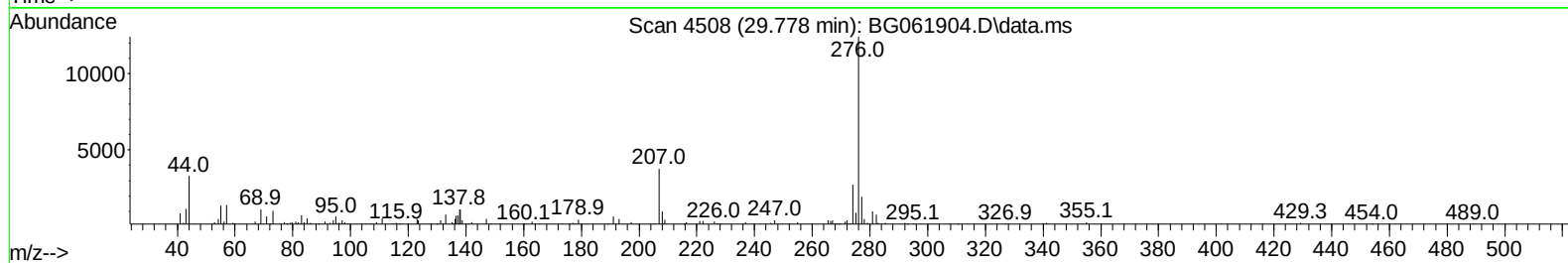
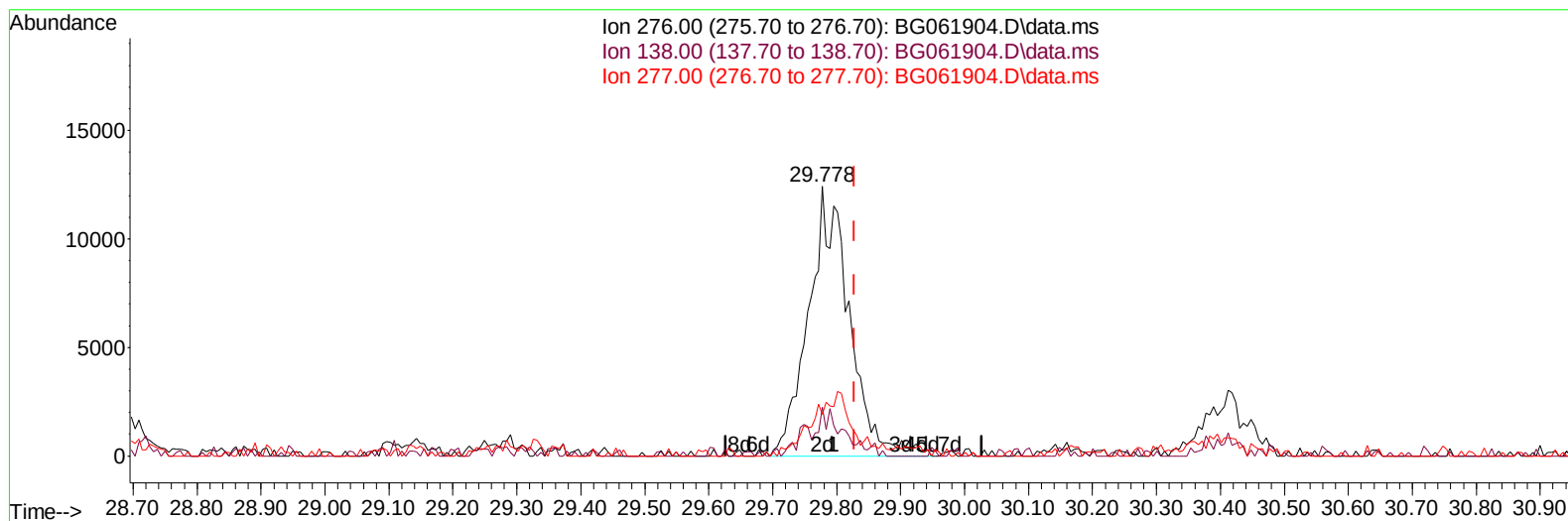
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061904.D
 Acq On : 5 Jul 2024 20:28
 Operator : MA/JU
 Sample : P2982-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:31:45 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 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024



TIC: BG061904.D\data.ms

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

29.778min (-0.050) 2.34 ng/ul m

response 54620

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	9.08#
277.00	23.50	15.58#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061904.D
 Acq On : 5 Jul 2024 20:28
 Operator : MA/JU
 Sample : P2982-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:35:05 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 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	36325	20.000	ng/ul	0.00
20) Naphthalene-d8	10.906	136	183118	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.713	164	151193	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	357031	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.717	240	311930	20.000	ng/ul	0.00
88) Perylene-d12	24.954	264	385390	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.479	96	3267	3.380	ng/uL	0.00
4) Pyridine-d5	3.902	84	32615	10.973	ng/ul	0.00
7) Phenol-d5	7.240	99	90550	22.778	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.416	67	51528	20.469	ng/ul	0.00
11) 2-Chlorophenol-d4	7.621	132	66975	24.561	ng/ul	0.00
15) 4-Methylphenol-d8	8.791	113	72929	23.300	ng/ul	0.00
21) Nitrobenzene-d5	9.261	128	34577	24.828	ng/ul	0.00
24) 2-Nitrophenol-d4	9.983	143	37616	23.652	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.524	165	80652	26.291	ng/ul	0.00
31) 4-Chloroaniline-d4	11.041	131	85961	19.301	ng/ul	0.00
46) Dimethylphthalate-d6	14.114	166	281652	22.659	ng/ul	0.00
49) Acenaphthylene-d8	14.414	160	312913	24.075	ng/ul	0.00
54) 4-Nitrophenol-d4	14.901	143	40391	20.348	ng/ul	-0.01
60) Fluorene-d10	15.706	176	255744	24.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	42102	22.454	ng/ul	-0.01
73) Anthracene-d10	17.557	188	403827	24.226	ng/ul	0.00
81) Pyrene-d10	19.837	212	446477	24.335	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.731	264	468528	24.513	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	99135	5.266	ng/ul	98
74) Anthracene	17.586	178	19611m	1.008	ng/ul	
80) Fluoranthene	19.502	202	156053	7.187	ng/ul#	94
82) Pyrene	19.860	202	134028	5.976	ng/ul	99
85) Benzo(a)anthracene	21.693	228	70952	3.142	ng/ul	96
87) Chrysene	21.758	228	67555m	3.195	ng/ul	
90) Benzo(b)fluoranthene	23.926	252	95115	3.917	ng/ul#	98
91) Benzo(k)fluoranthene	23.985	252	33556m	1.386	ng/ul	
93) Benzo(a)pyrene	24.801	252	70183m	3.052	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.638	276	53914m	1.835	ng/ul	
96) Benzo(g,h,i)perylene	29.778	276	54620m	2.337	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061904.D
 Acq On : 5 Jul 2024 20:28
 Operator : MA/JU
 Sample : P2982-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BC7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:35:05 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 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024

