

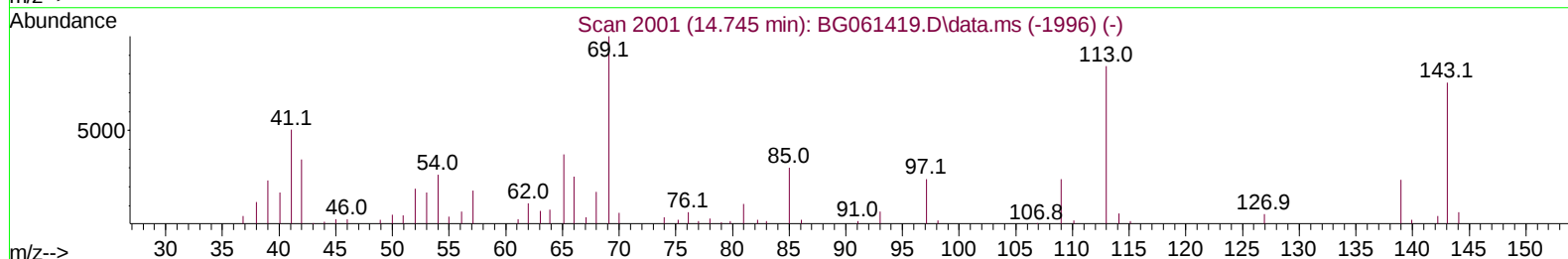
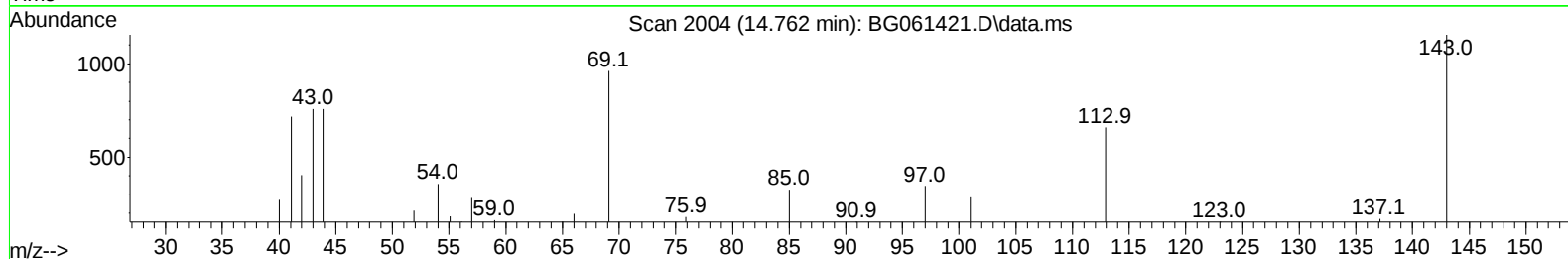
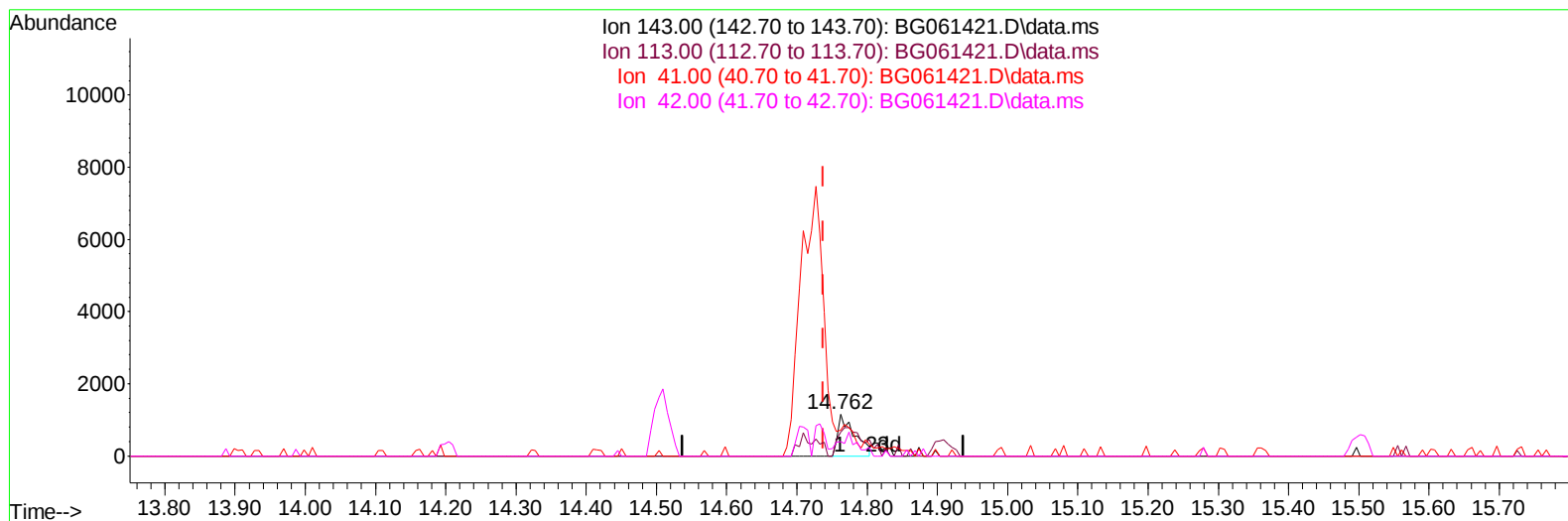
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 03 13:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061421.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.024) 2.65 ng/u1

response 1916

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	56.92#
41.00	77.10	61.94
42.00	49.50	34.95#

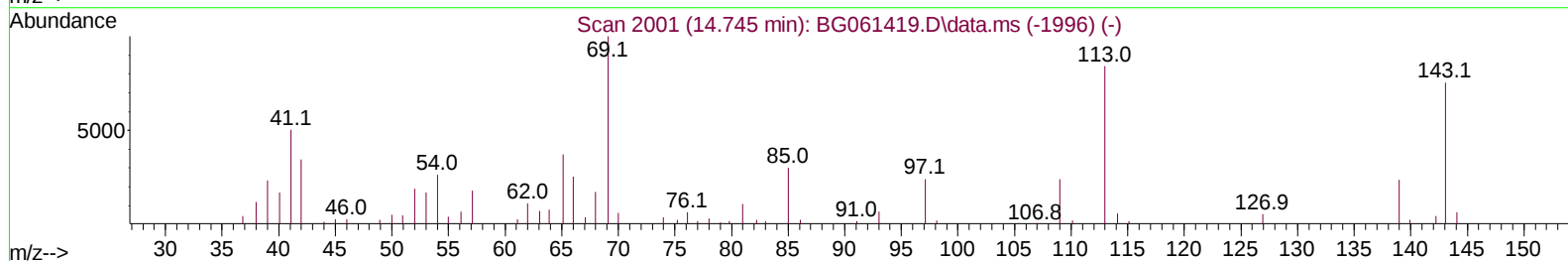
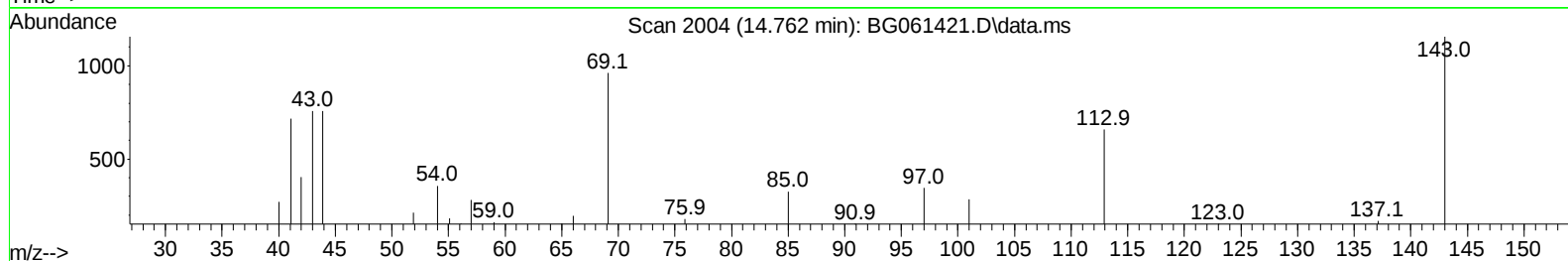
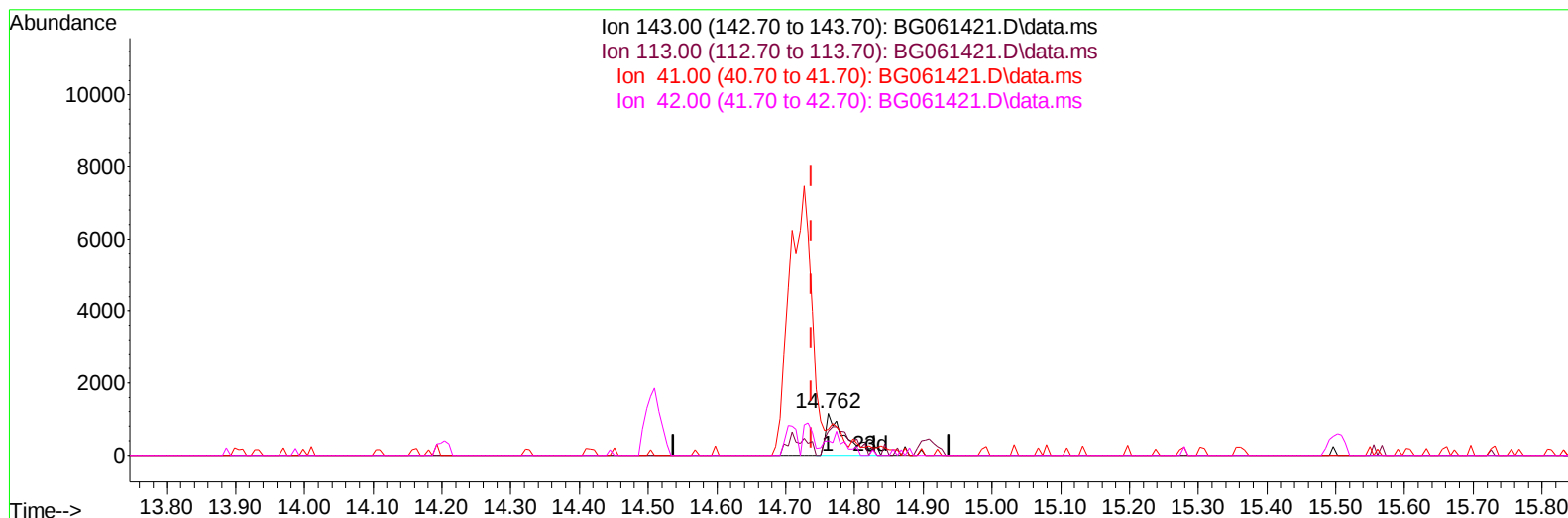
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061421.D
 Acq On : 3 Jun 2024 13:21
 Operator : MA/JU
 Sample : P2588-10DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 03 13:55:49 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061421.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.024) 3.29 ng/ul m

response 2375

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	56.92#
41.00	77.10	61.94
42.00	49.50	34.95#

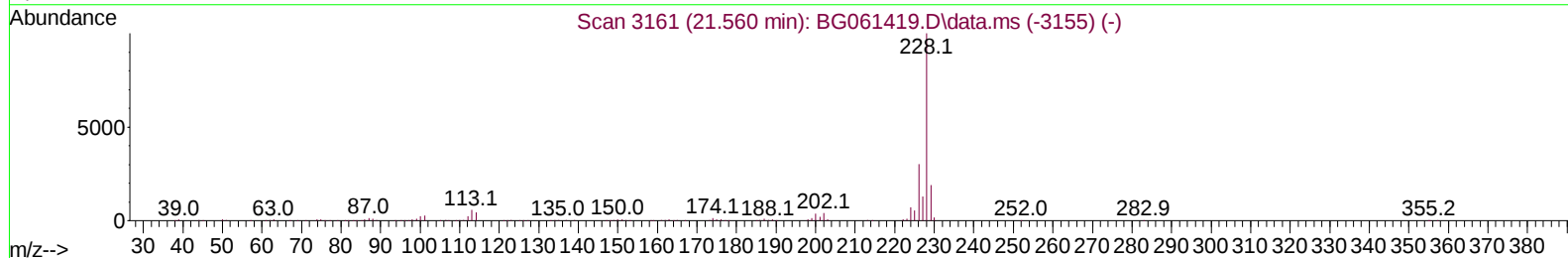
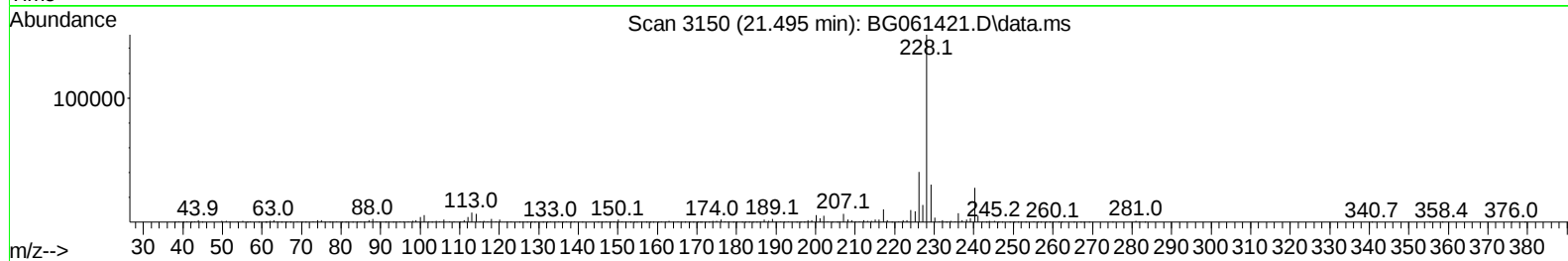
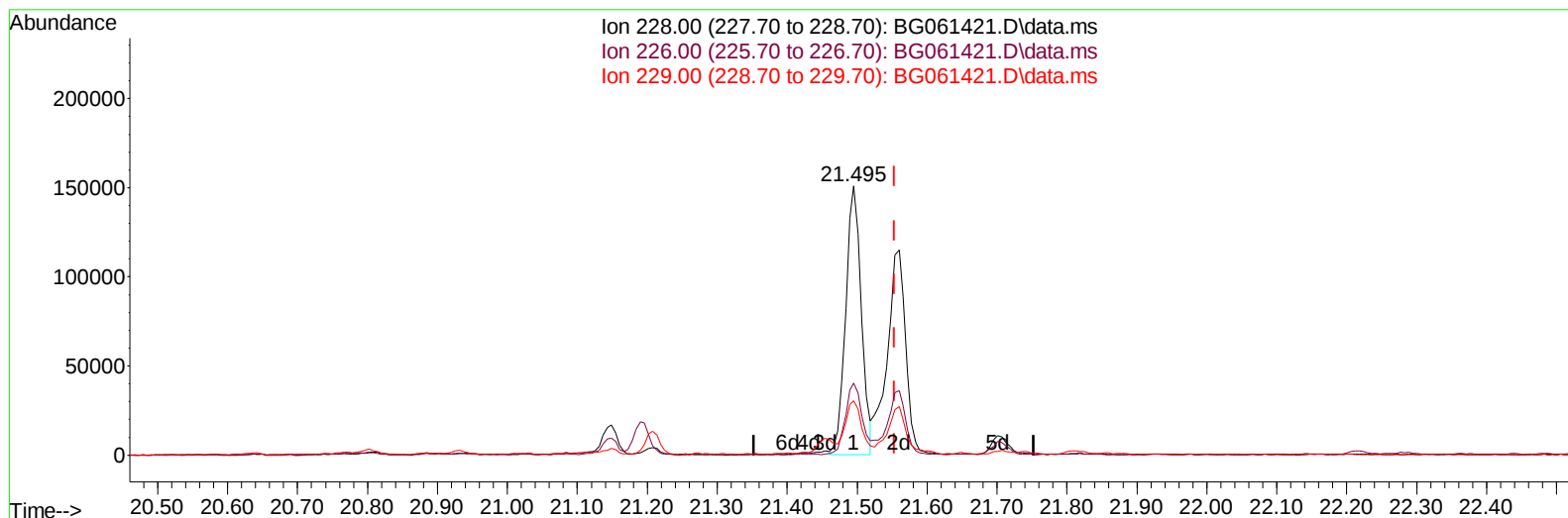
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 03 13:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG061421.D\data.ms

(87) Chrysene

21.495min (-0.058) 18.35 ng/u1

response 236875

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	26.77
229.00	19.30	20.18
0.00	0.00	0.00

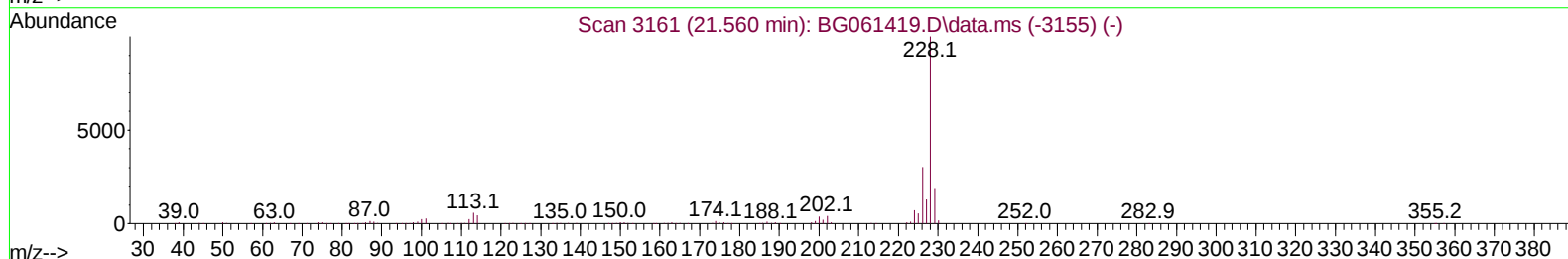
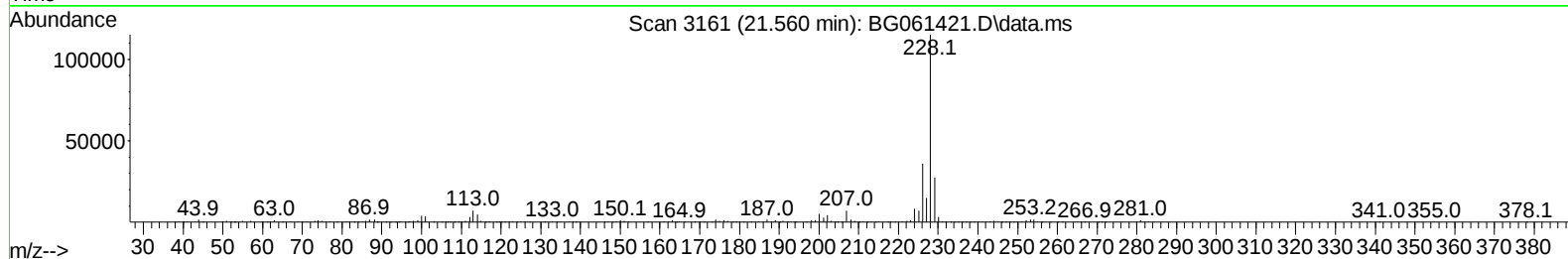
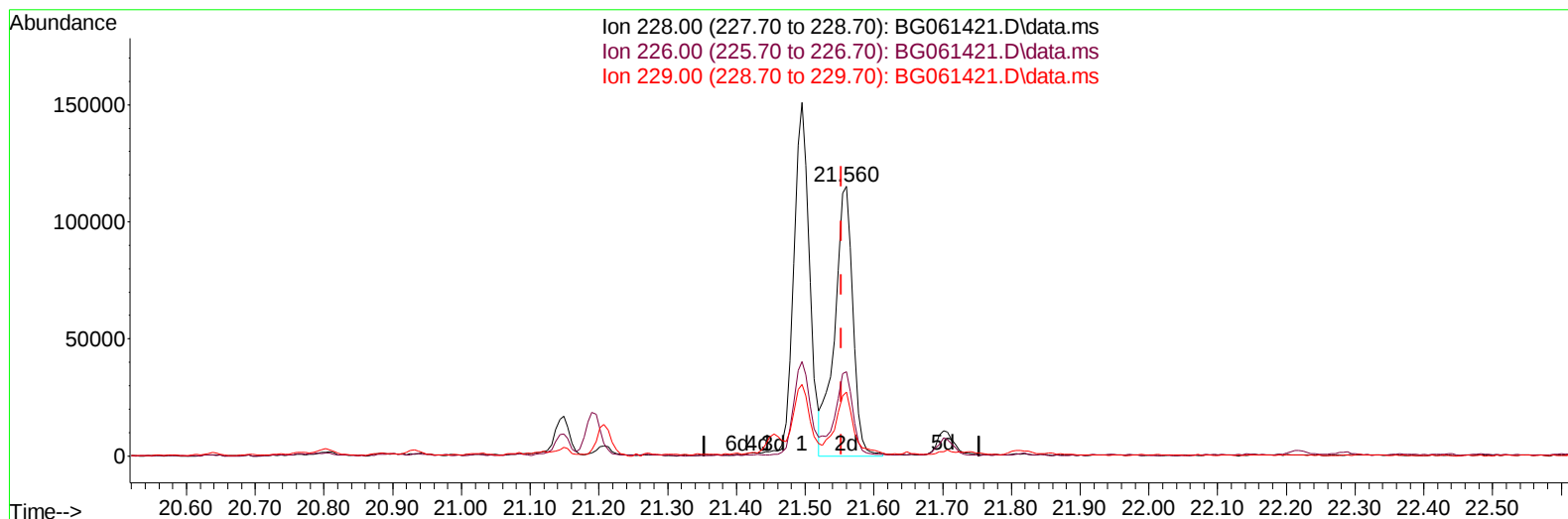
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 03 13:55:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061421.D\data.ms

(87) Chrysene

21.560min (+ 0.007) 16.57 ng/ul m

response 213886

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	31.35
229.00	19.30	23.75#
0.00	0.00	0.00

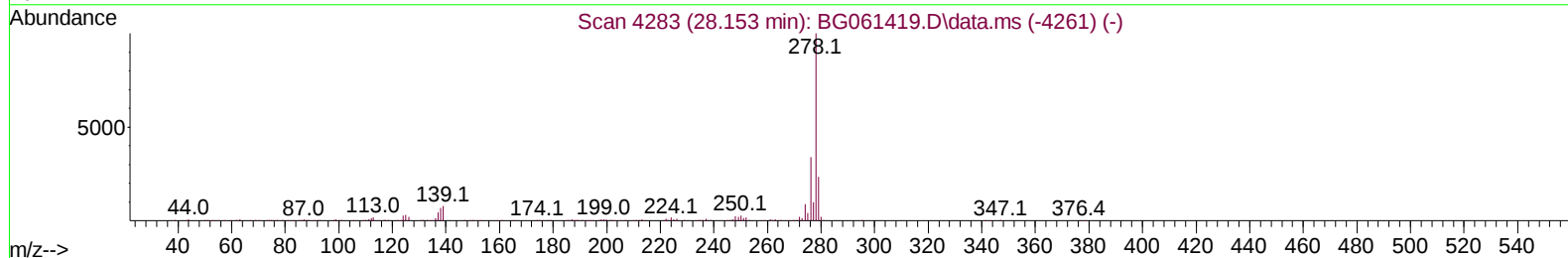
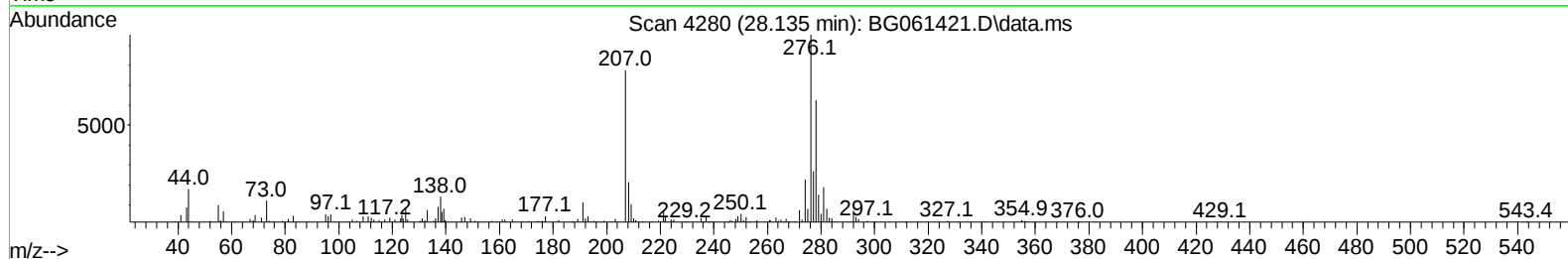
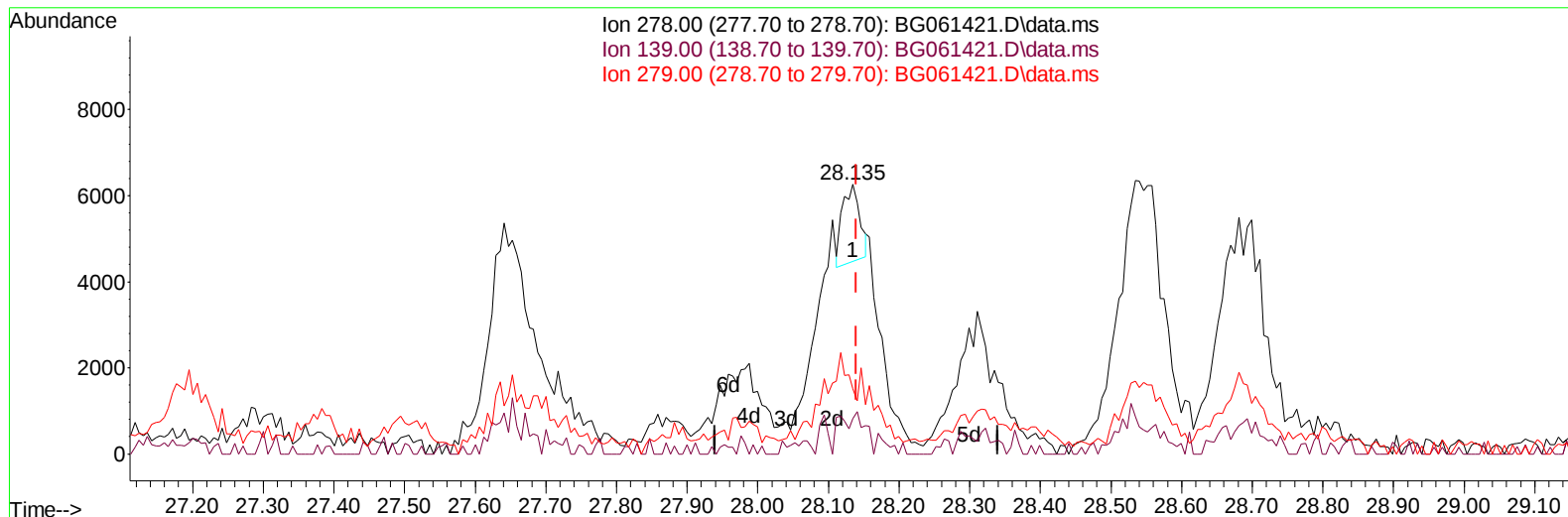
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 03 13:57:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061421.D\data.ms

(95) Dibenzo(a,h)anthracene

28.135min (-0.005) 0.24 ng/u1

response 3080

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	17.08#
279.00	24.90	24.27
0.00	0.00	0.00

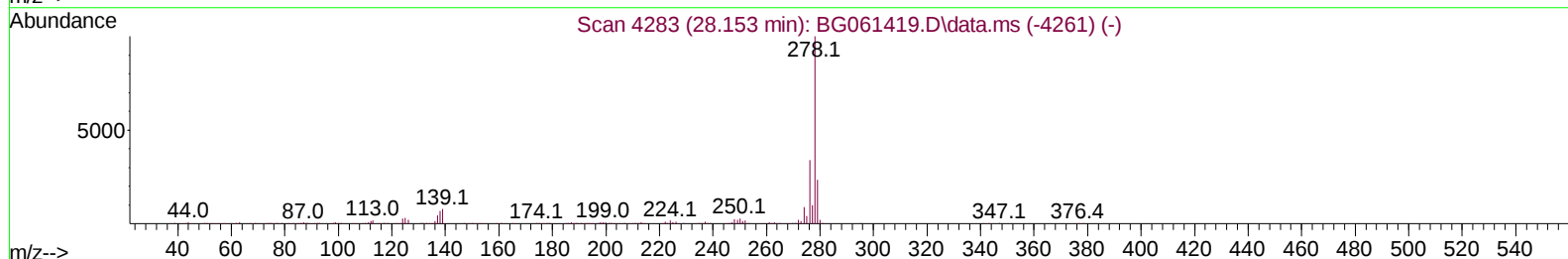
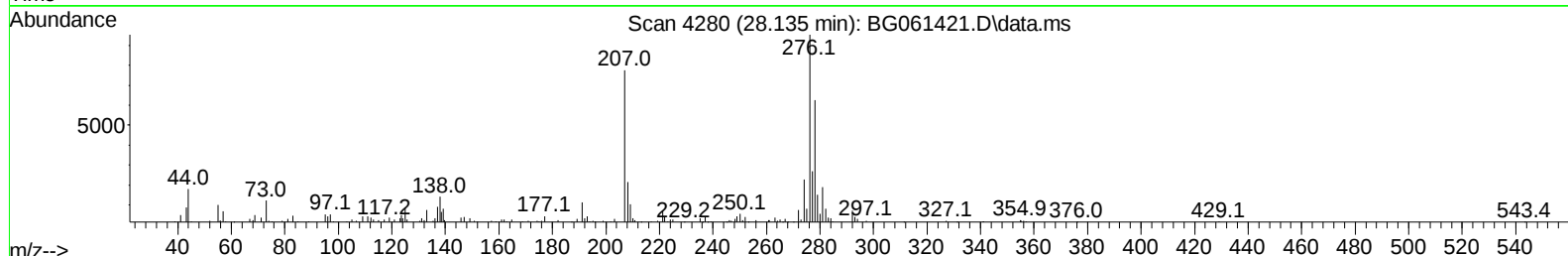
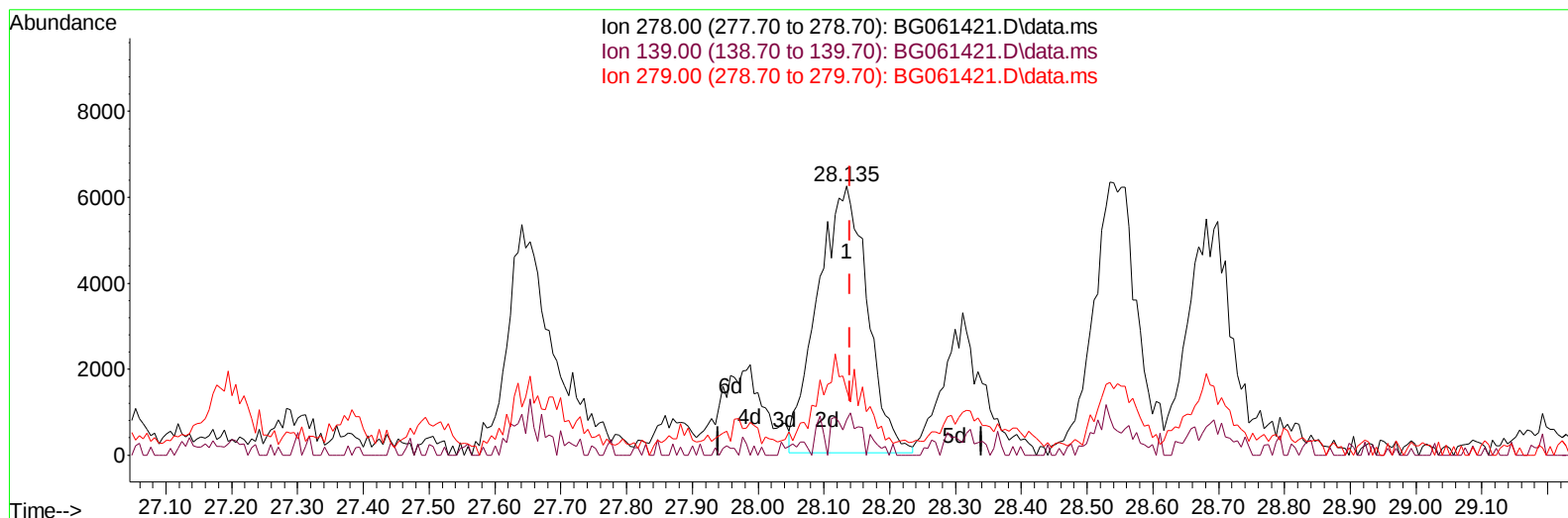
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 03 13:57:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



TIC: BG061421.D\data.ms

(95) Dibenzo(a,h)anthracene

28.135min (-0.005) 2.54 ng/ul m

response 32597

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	13.00#
279.00	24.90	24.27
0.00	0.00	0.00

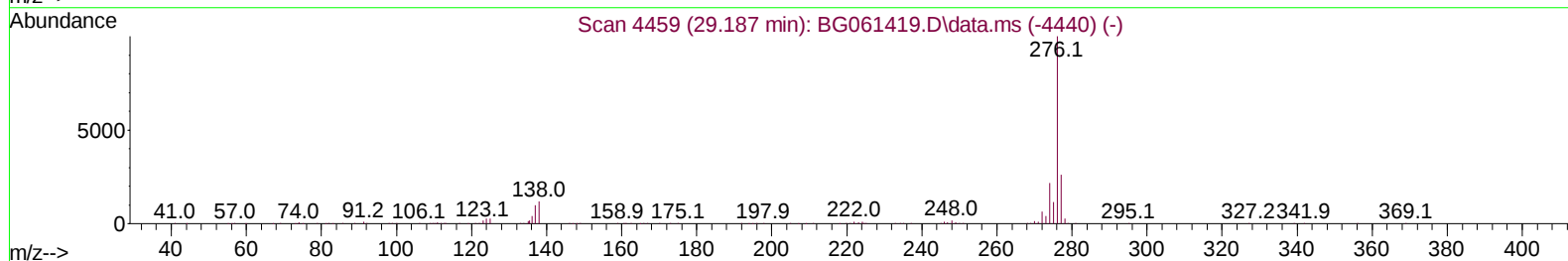
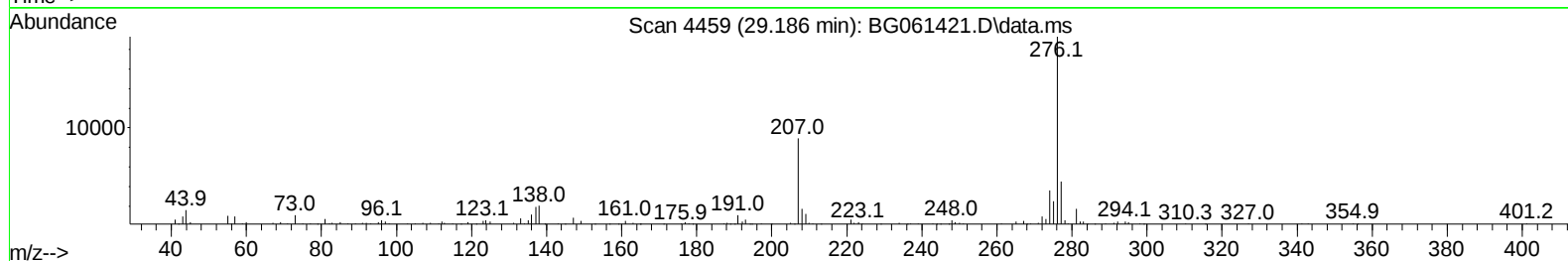
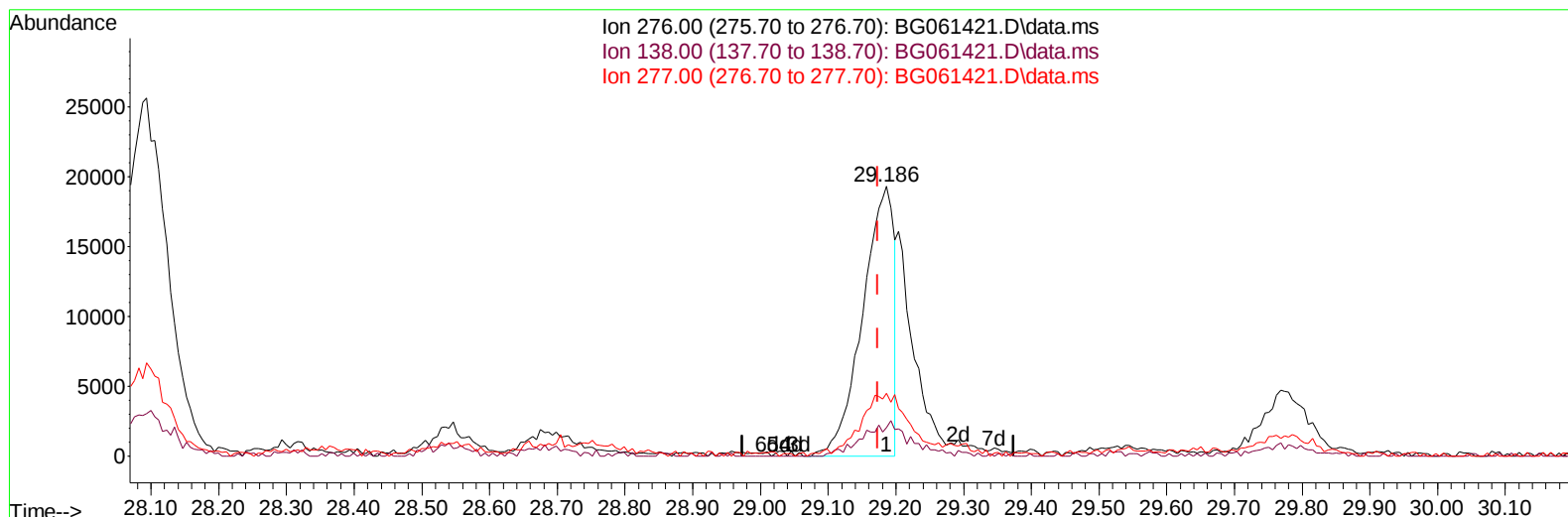
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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 Acq On : 3 Jun 2024 13:21
 Operator : MA/JU
 Sample : P2588-10DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 03 13:57:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061421.D\data.ms

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

29.186min (+ 0.013) 5.00 ng/u1

response 61848

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.51
277.00	22.70	23.28
0.00	0.00	0.00

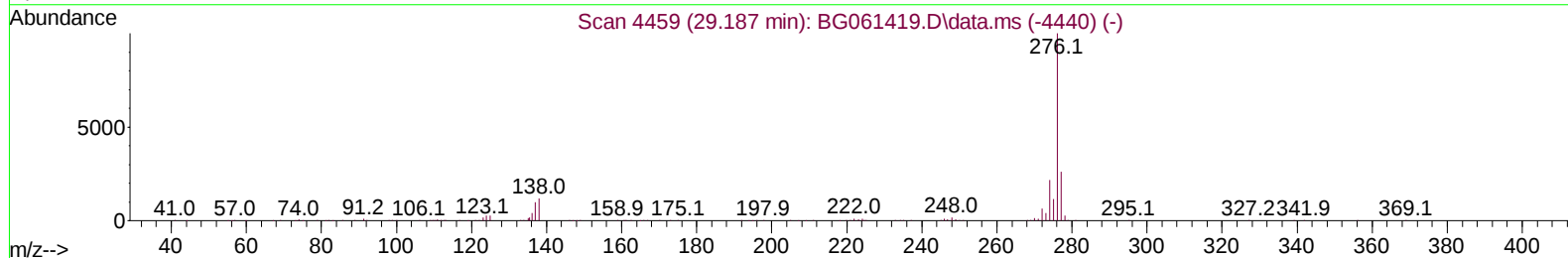
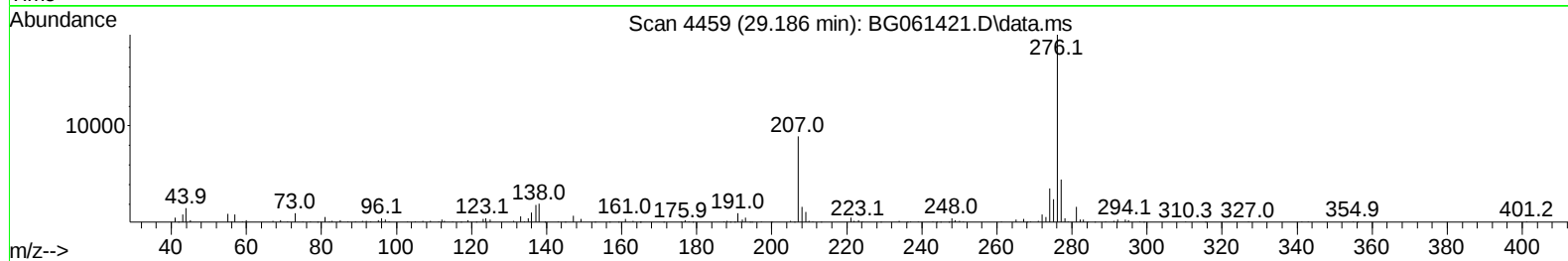
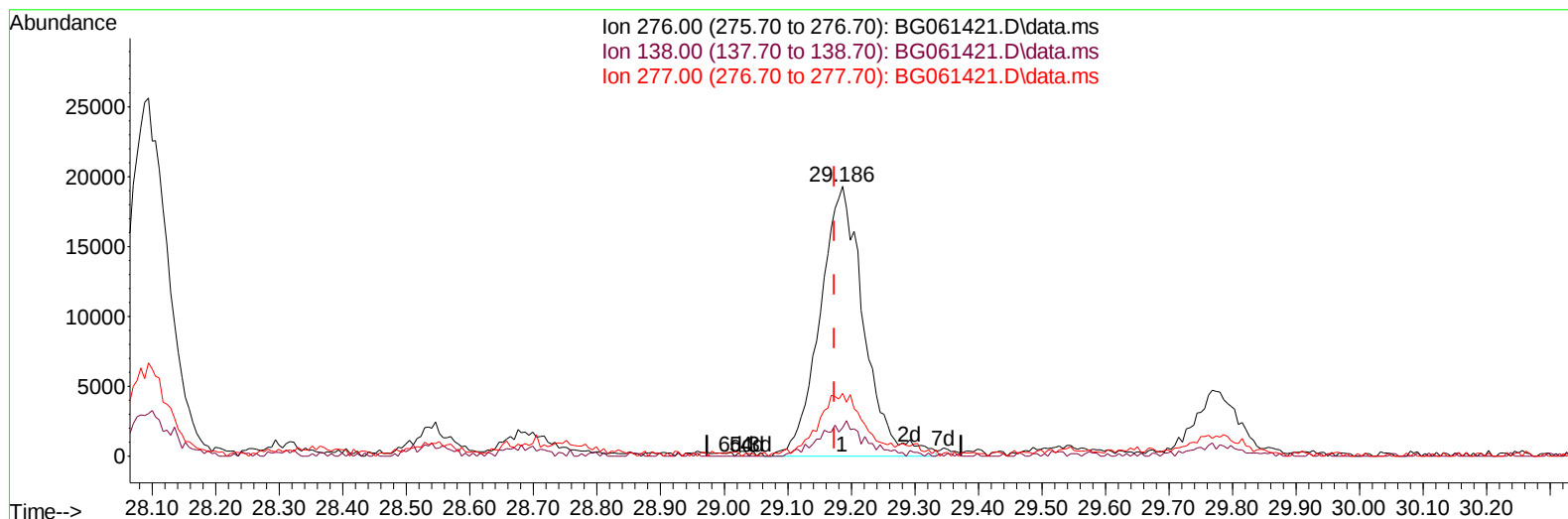
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061421.D
 Acq On : 3 Jun 2024 13:21
 Operator : MA/JU
 Sample : P2588-10DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 03 13:57:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



TIC: BG061421.D\data.ms

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

29.186min (+ 0.013) 7.46 ng/ul m

response 92364

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.51
277.00	22.70	23.28
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061421.D
 Acq On : 3 Jun 2024 13:21
 Operator : MA/JU
 Sample : P2588-10DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 03 23:26:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	24348	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	94445	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	75281	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	189255	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	203127	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	227579	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	519	1.193	ng/uL	0.00
4) Pyridine-d5	3.746	84	4056	2.620	ng/ul	0.00
7) Phenol-d5	7.059	99	9434	4.718	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	6328	5.035	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	8204	5.544	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	6504	3.815	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	3926	5.399	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	4882	5.737	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.314	165	8327	5.019	ng/ul	0.01
31) 4-Chloroaniline-d4	10.808	131	3439	1.584	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	32411	5.551	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	35236	5.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	2375m	3.290	ng/ul	0.02
60) Fluorene-d10	15.502	176	29745	5.901	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.359	188	52041	6.237	ng/ul	0.00
81) Pyrene-d10	19.651	212	63897	6.126	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	67953	6.211	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.568	153	10322	2.338	ng/ul	89
56) Dibenzofuran	14.909	168	11241	1.781	ng/ul	92
61) Fluorene	15.561	166	14875	2.723	ng/ul	94
72) Phenanthrene	17.300	178	252863	27.528	ng/ul	98
74) Anthracene	17.394	178	59010	6.213	ng/ul	98
77) Carbazole	17.665	167	17341	2.245	ng/ul	95
80) Fluoranthene	19.322	202	446136	35.657	ng/ul	99
82) Pyrene	19.680	202	400382	30.829	ng/ul	98
85) Benzo(a)anthracene	21.495	228	237146	16.920	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.401	149	13116	1.986	ng/ul	100
87) Chrysene	21.560	228	213886m	16.573	ng/ul	
90) Benzo(b)fluoranthene	23.628	252	247619	18.275	ng/ul	97
91) Benzo(k)fluoranthene	23.681	252	81475	5.923	ng/ul#	89
93) Benzo(a)pyrene	24.457	252	180145	14.001	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.094	276	109951	7.066	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.135	278	32597m	2.541	ng/ul	
96) Benzo(g,h,i)perylene	29.186	276	92364m	7.462	ng/ul	

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

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