

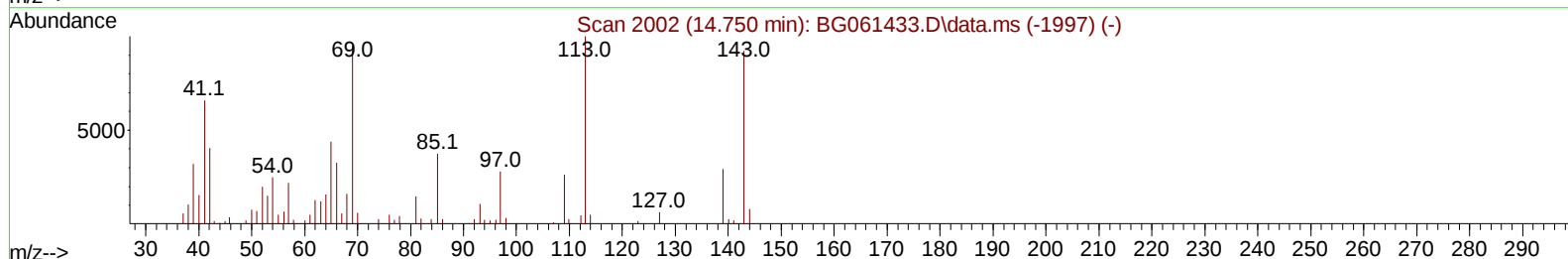
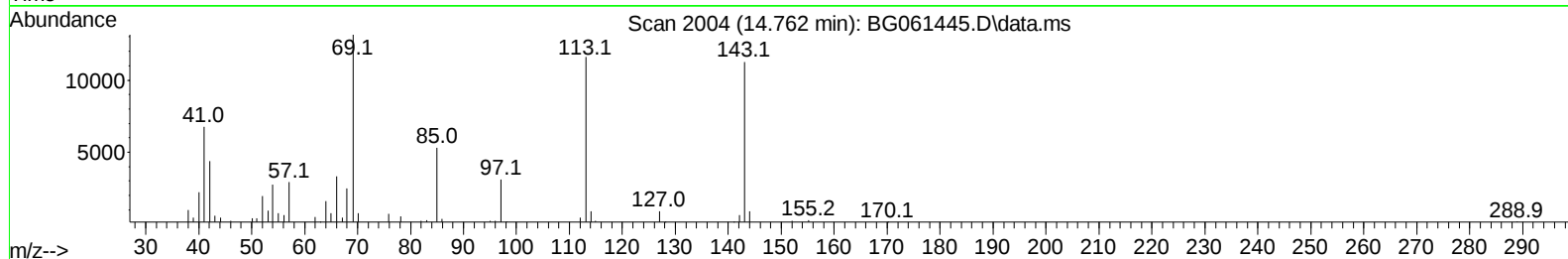
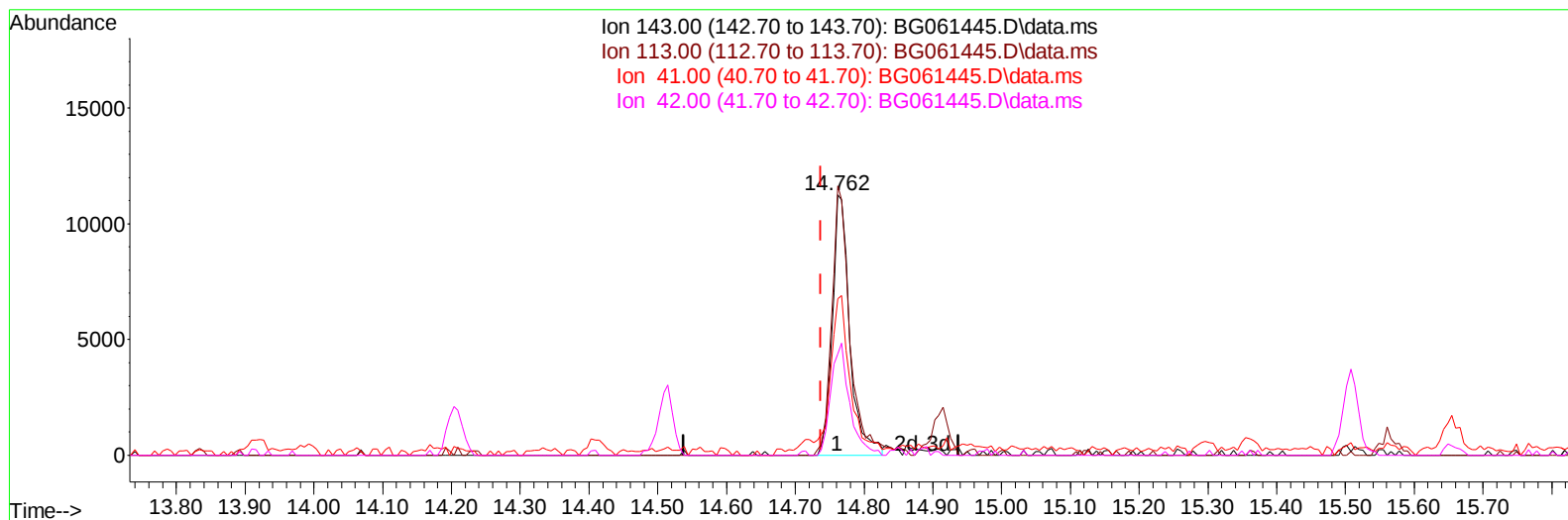
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061445.D
 Acq On : 4 Jun 2024 6:30
 Operator : MA/JU
 Sample : P2577-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:11:49 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: BG061445.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.024) 19.05 ng/u1

response 19817

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	103.24
41.00	77.10	60.11#
42.00	49.50	38.94#

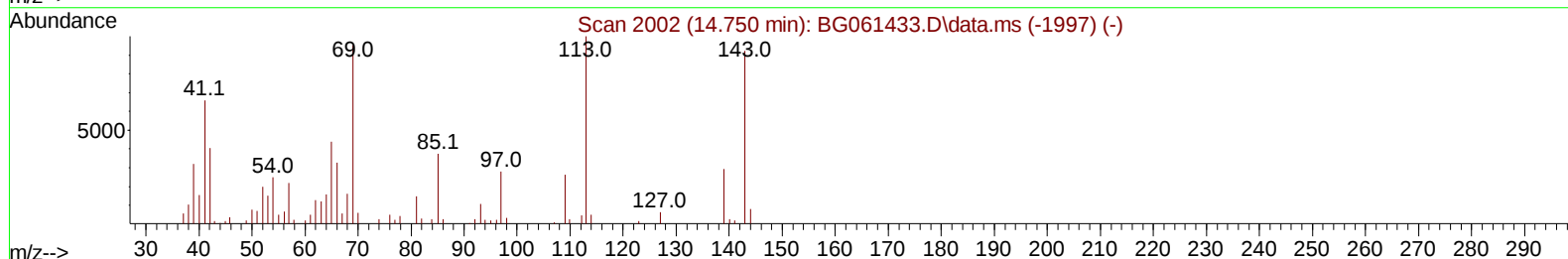
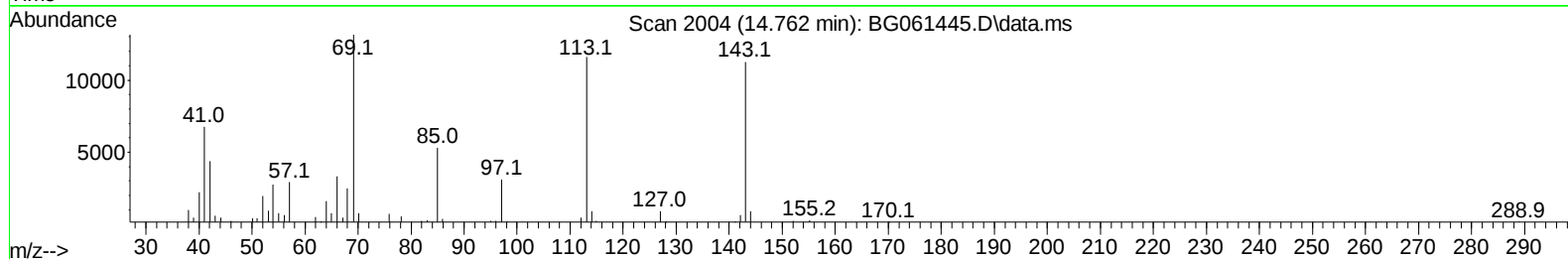
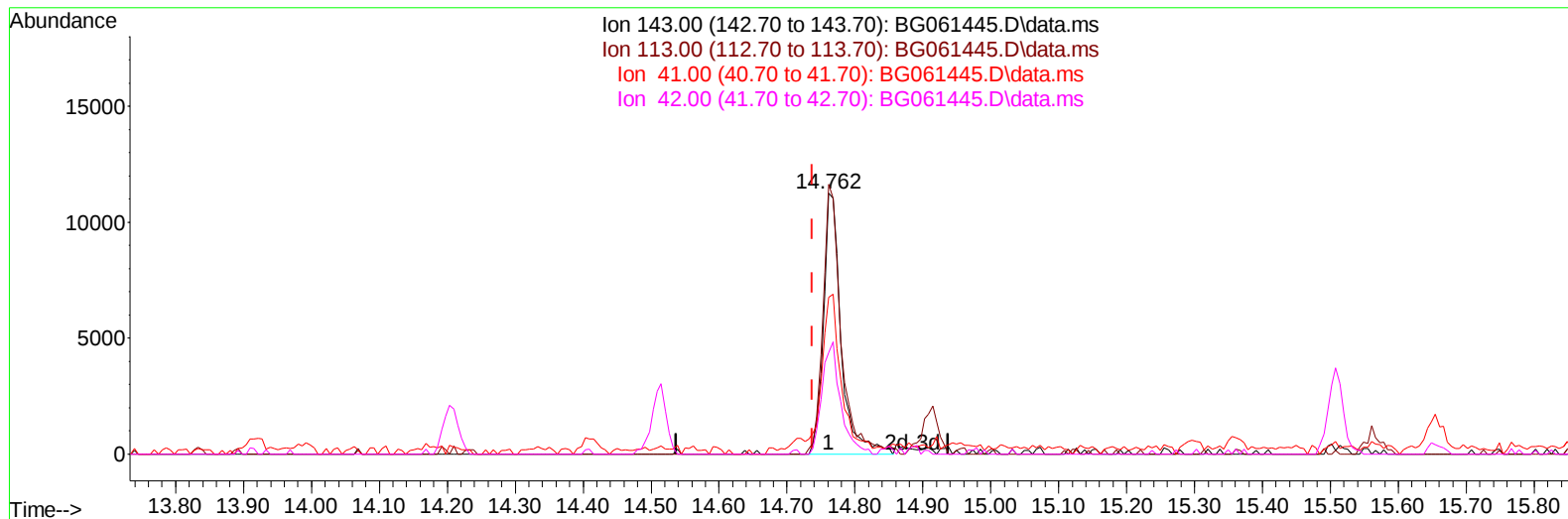
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061445.D
Acq On : 4 Jun 2024 6:30
Operator : MA/JU
Sample : P2577-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:11:49 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: BG061445.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.024) 19.46 ng/ul m

response 20249

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	103.24
41.00	77.10	60.11#
42.00	49.50	38.94#

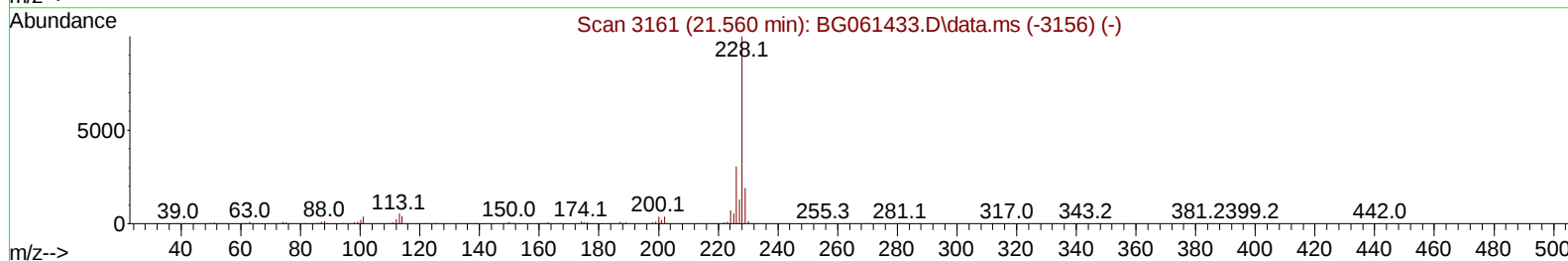
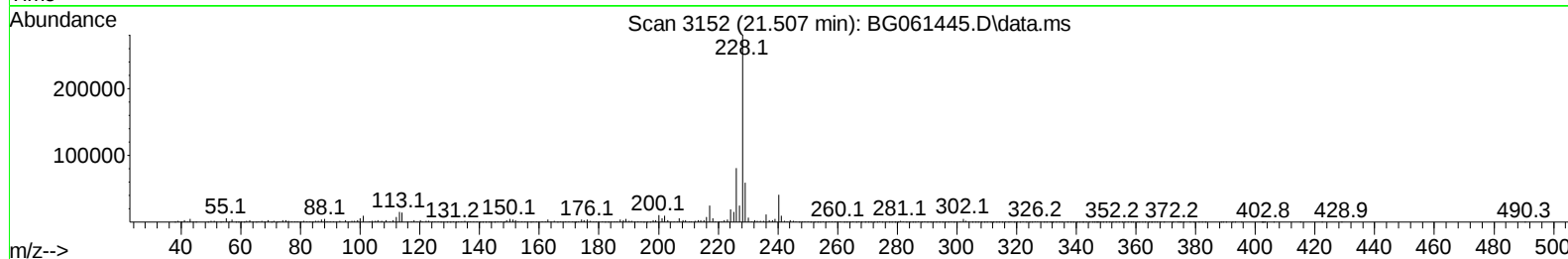
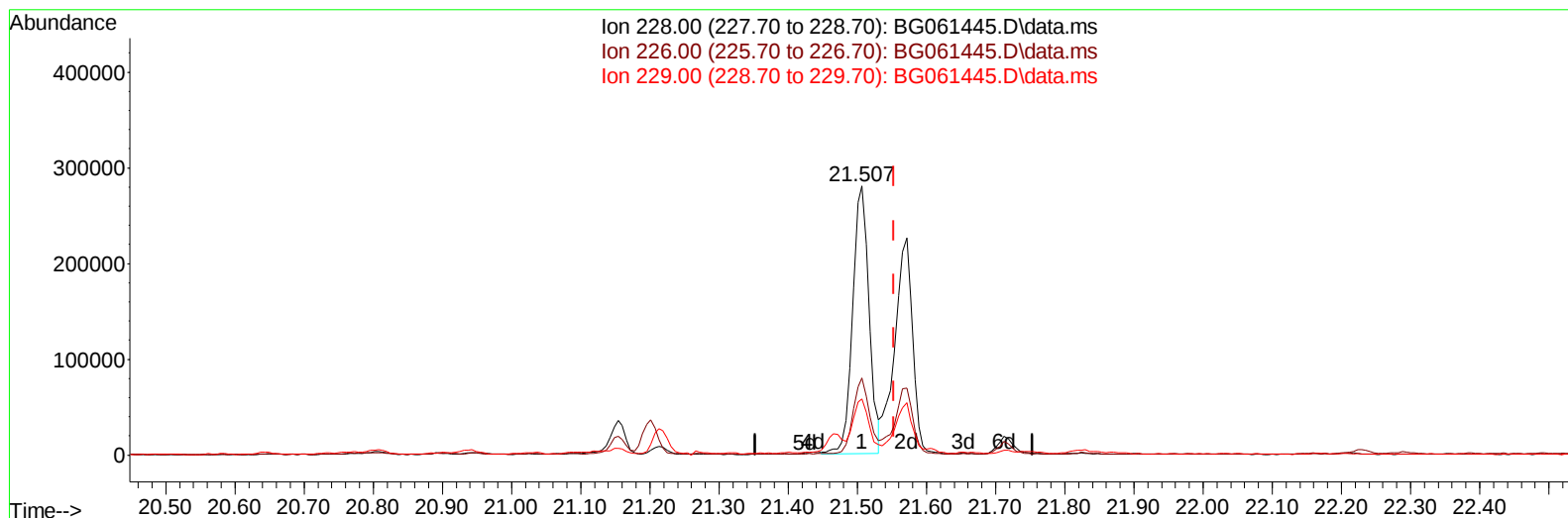
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061445.D
 Acq On : 4 Jun 2024 6:30
 Operator : MA/JU
 Sample : P2577-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:12:31 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: BG061445.D\data.ms

(87) Chrysene

21.507min (-0.047) 28.04 ng/u1

response 459691

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	28.74
229.00	19.30	21.01
0.00	0.00	0.00

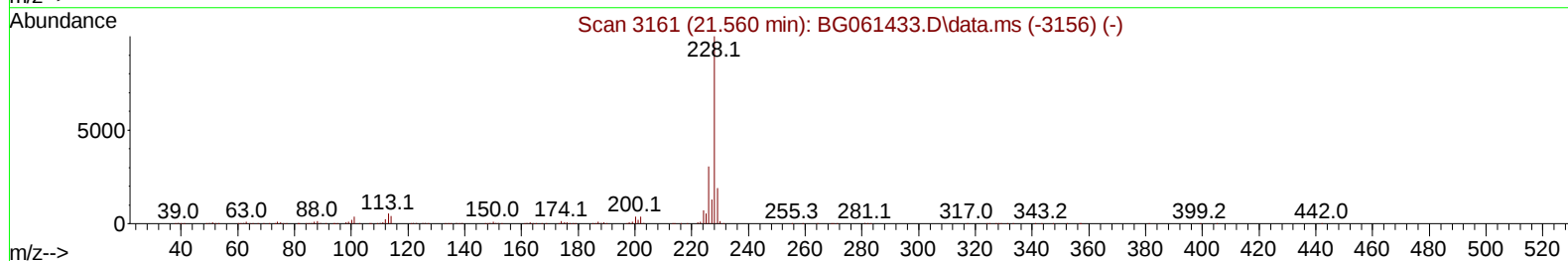
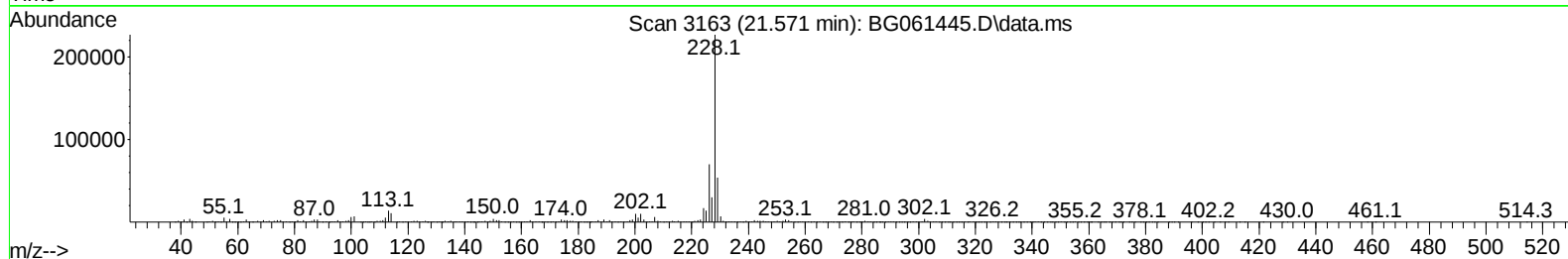
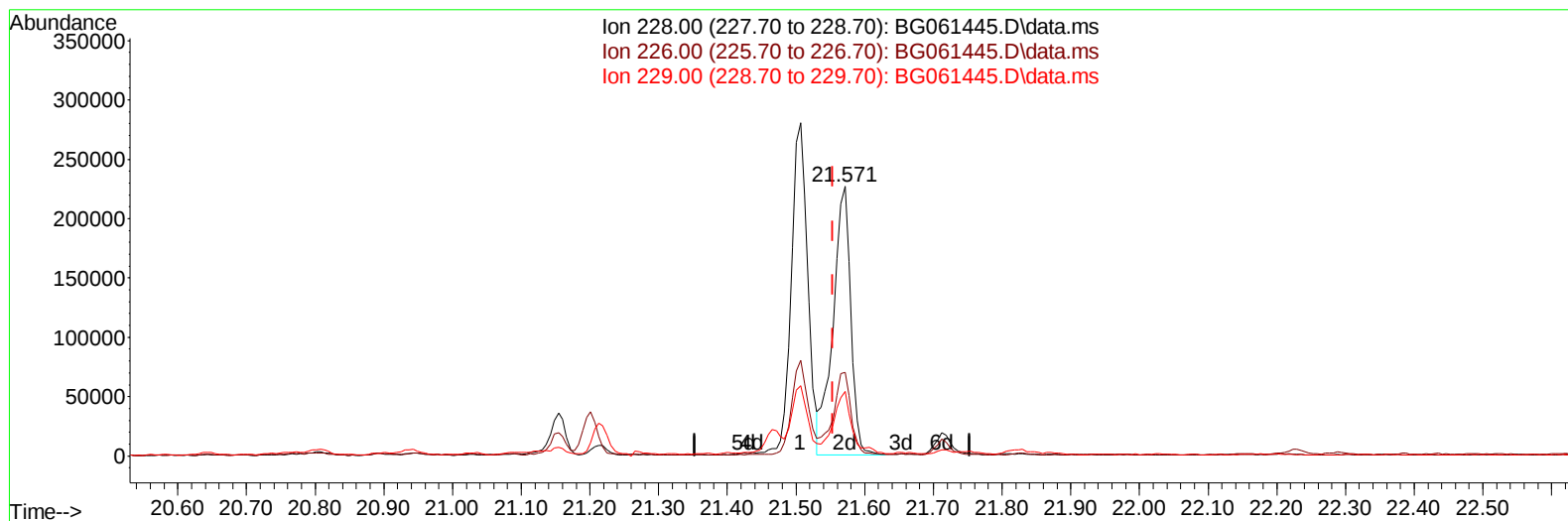
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061445.D
 Acq On : 4 Jun 2024 6:30
 Operator : MA/JU
 Sample : P2577-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:12:31 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: BG061445.D\data.ms

(87) Chrysene

21.571min (+ 0.018) 24.88 ng/ul m

response 407936

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	30.92
229.00	19.30	23.96#
0.00	0.00	0.00

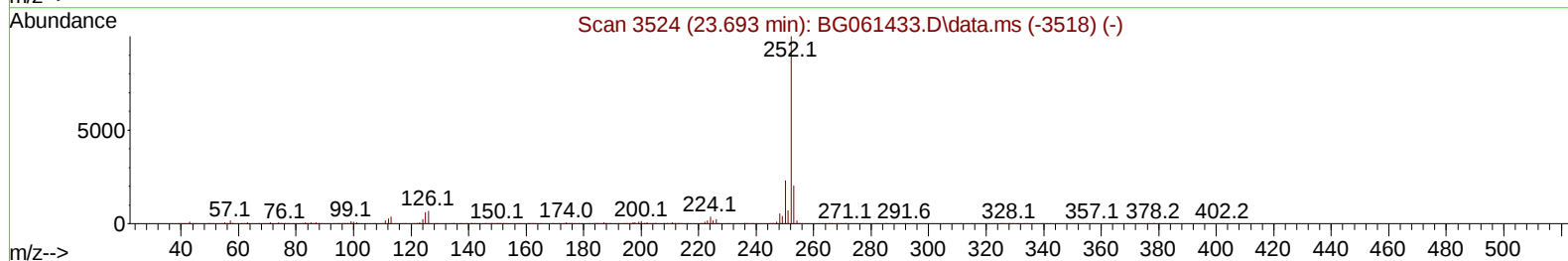
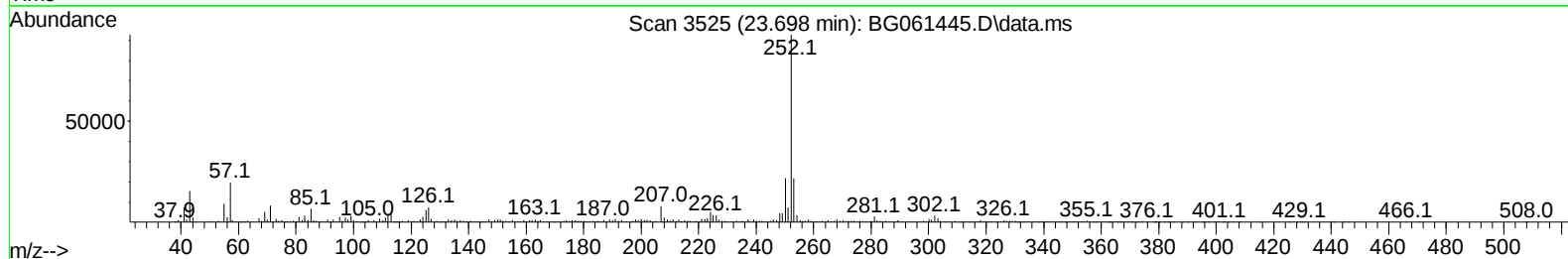
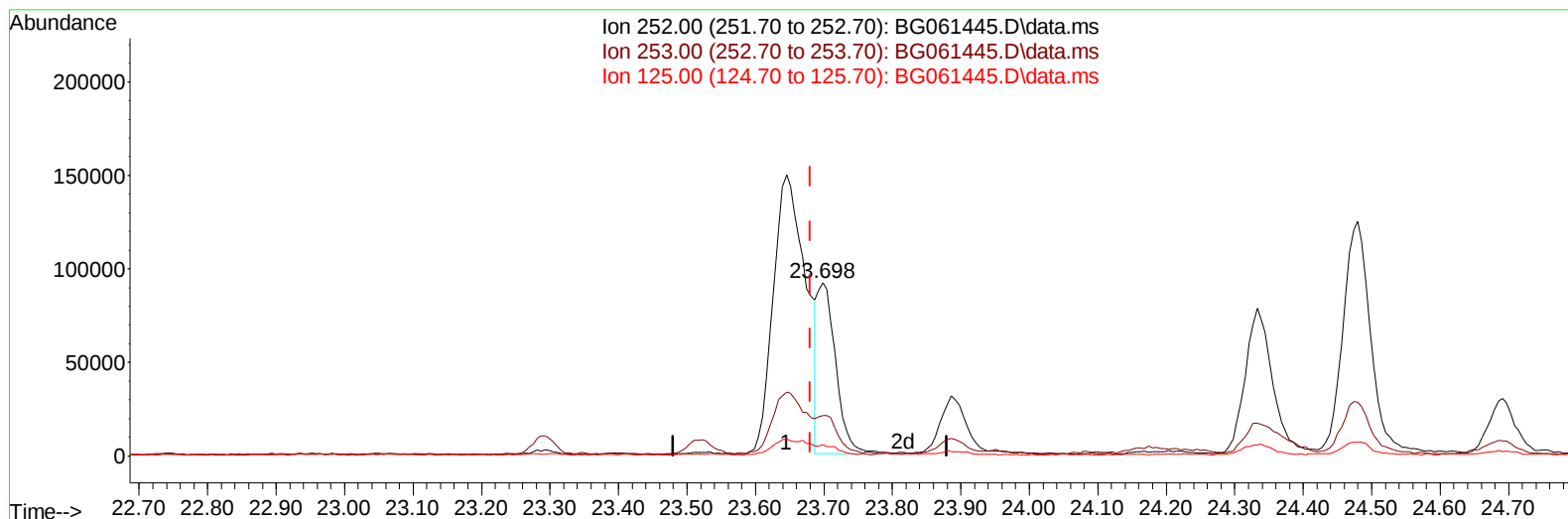
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061445.D
Acq On : 4 Jun 2024 6:30
Operator : MA/JU
Sample : P2577-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:12:31 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: BG061445.D\data.ms

(91) Benzo(k)fluoranthene

23.698min (+ 0.018) 9.67 ng/u1 m

response 167998

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.41
125.00	5.40	6.54#
0.00	0.00	0.00

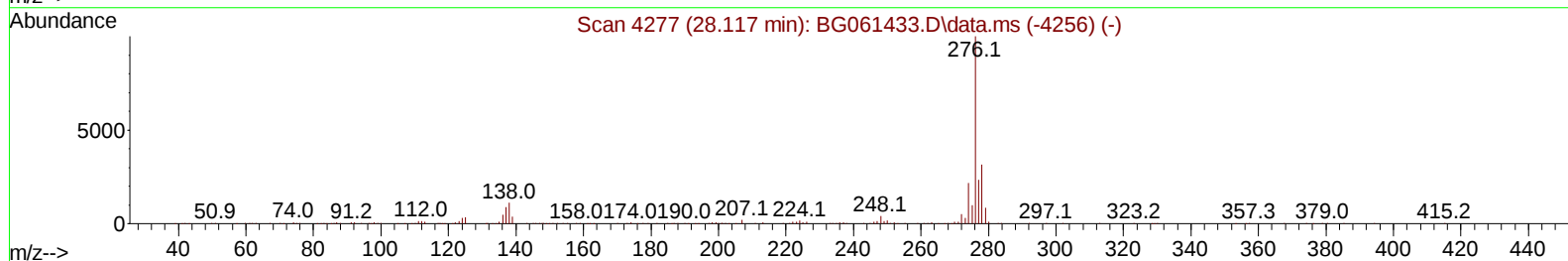
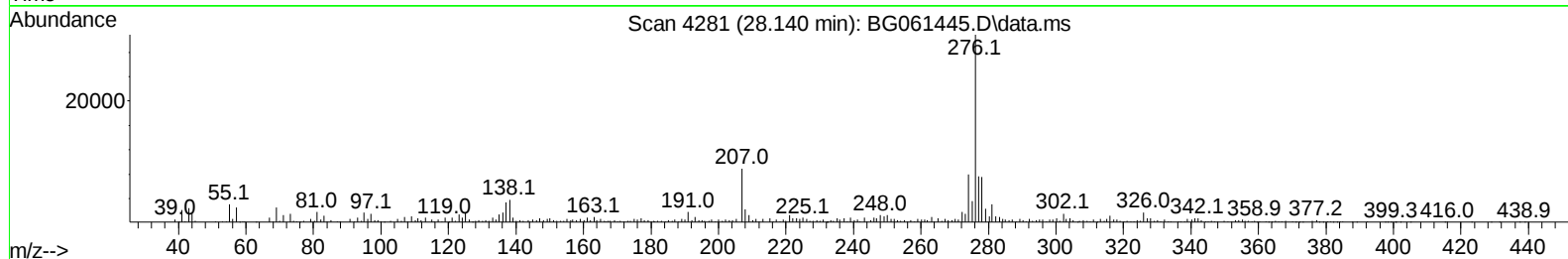
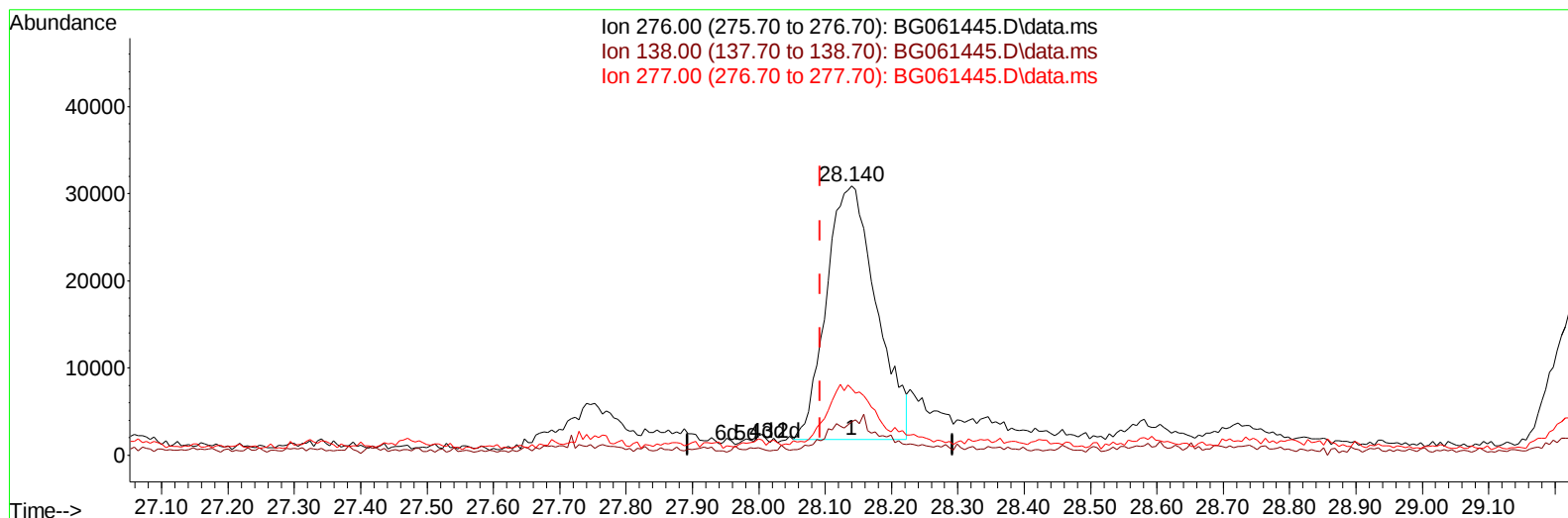
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061445.D
Acq On : 4 Jun 2024 6:30
Operator : MA/JU
Sample : P2577-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:13:35 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: BG061445.D\data.ms

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

28.140min (+ 0.047) 7.73 ng/u1

response 152071

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.36
277.00	24.60	24.64
0.00	0.00	0.00

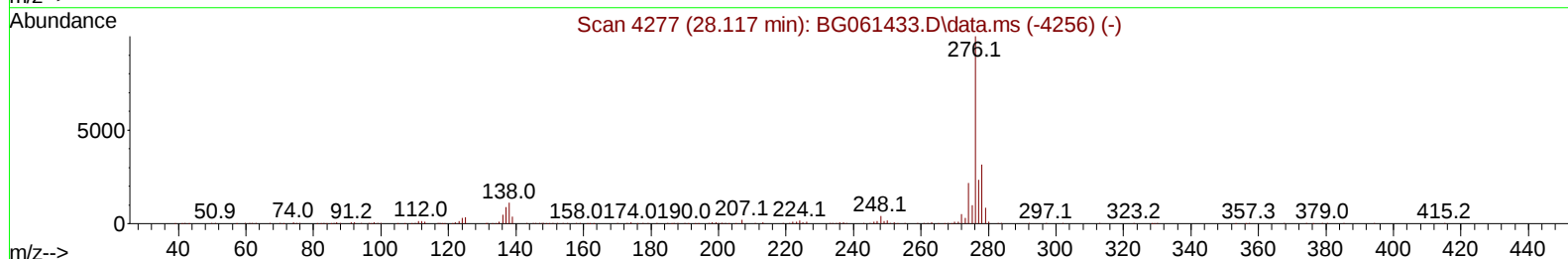
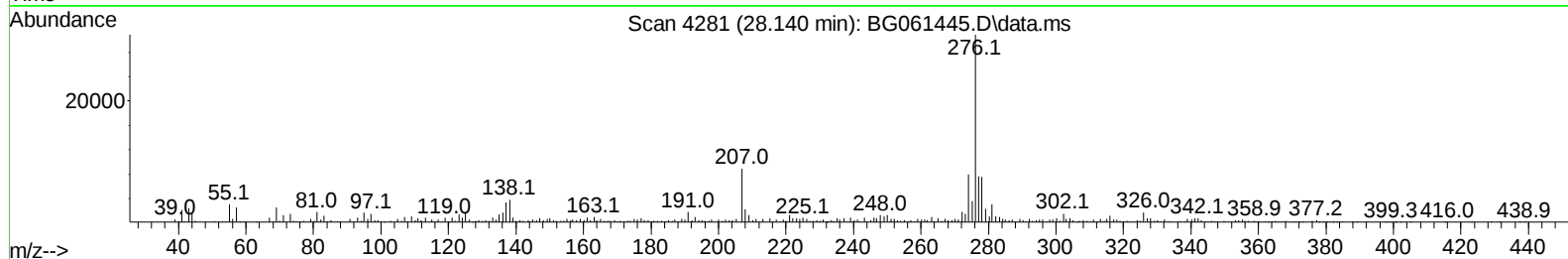
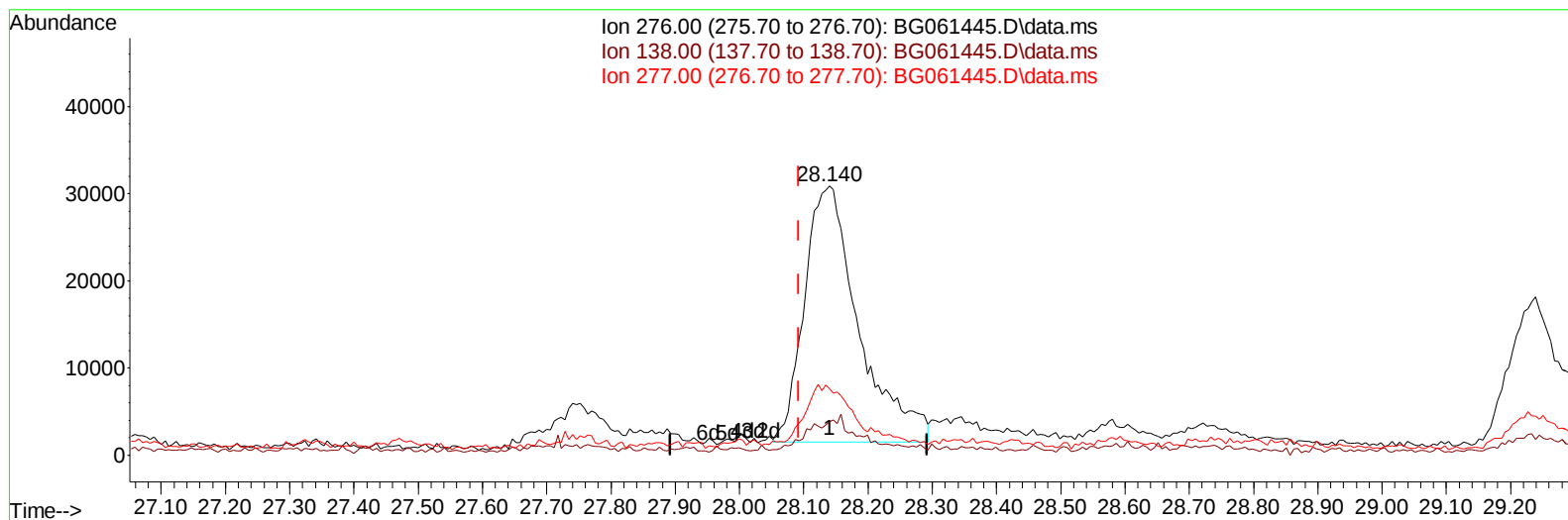
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061445.D
 Acq On : 4 Jun 2024 6:30
 Operator : MA/JU
 Sample : P2577-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:13:35 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: BG061445.D\data.ms

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

28.140min (+ 0.047) 8.73 ng/ul m

response 171690

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.36
277.00	24.60	24.64
0.00	0.00	0.00

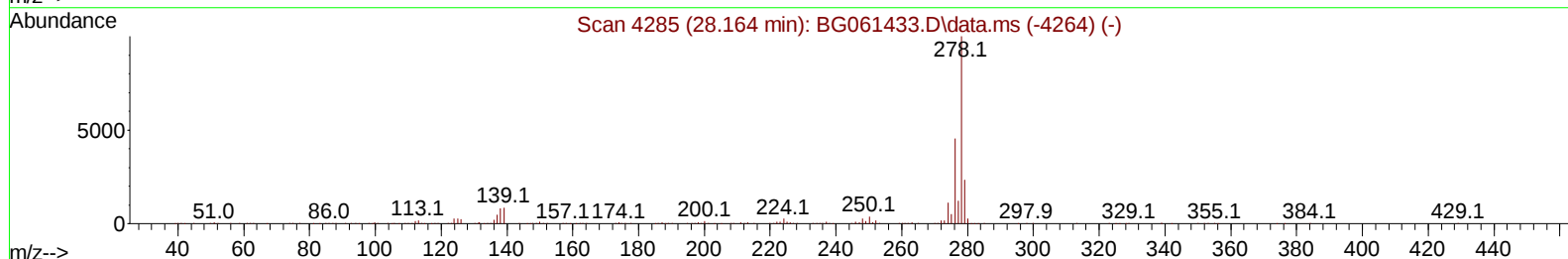
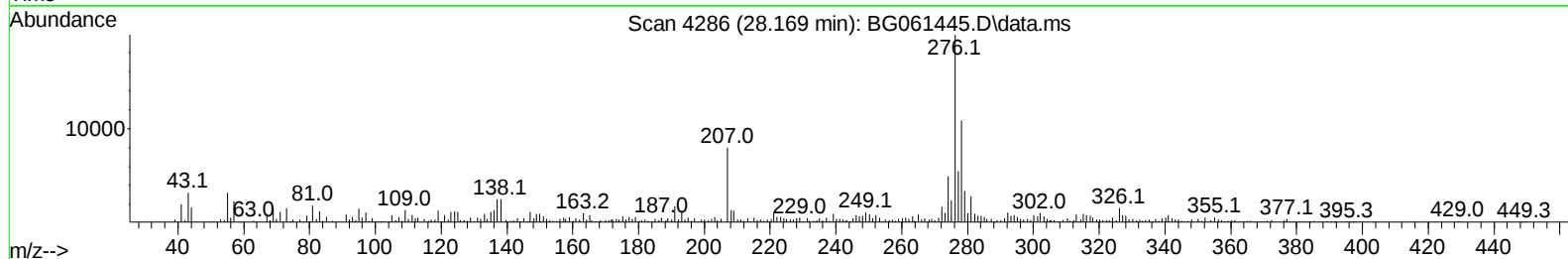
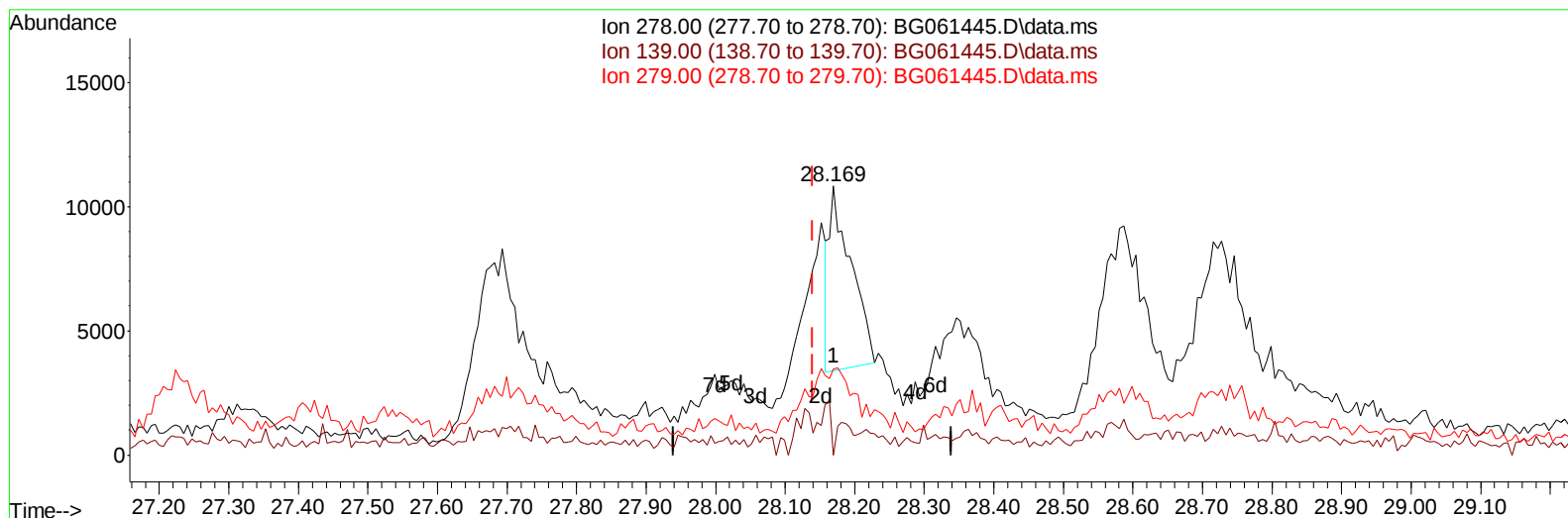
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061445.D
Acq On : 4 Jun 2024 6:30
Operator : MA/JU
Sample : P2577-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:14:03 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: BG061445.D\data.ms

(95) Dibenzo(a,h)anthracene

28.169min (+ 0.030) 0.99 ng/u1

response 16112

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	3.05#
279.00	24.90	31.88#
0.00	0.00	0.00

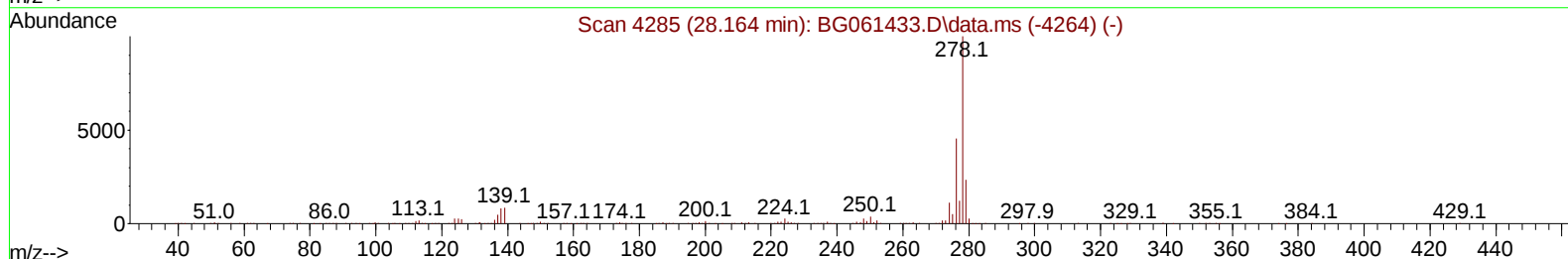
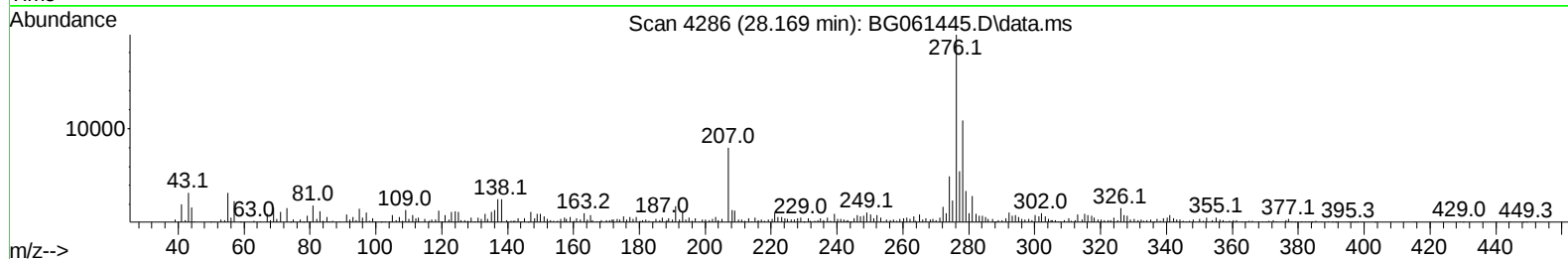
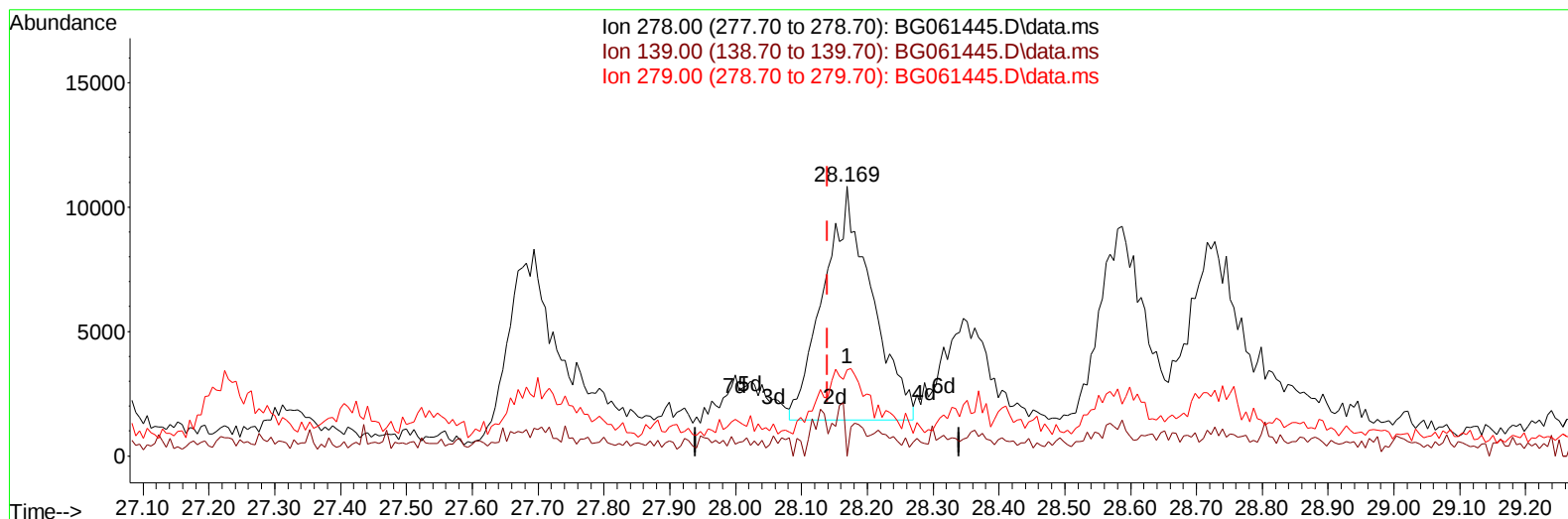
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061445.D
Acq On : 4 Jun 2024 6:30
Operator : MA/JU
Sample : P2577-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:14:03 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: BG061445.D\data.ms

(95) Dibenzo(a,h)anthracene

28.169min (+ 0.030) 2.92 ng/ul m

response 47408

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	0.00#
279.00	24.90	31.88#
0.00	0.00	0.00

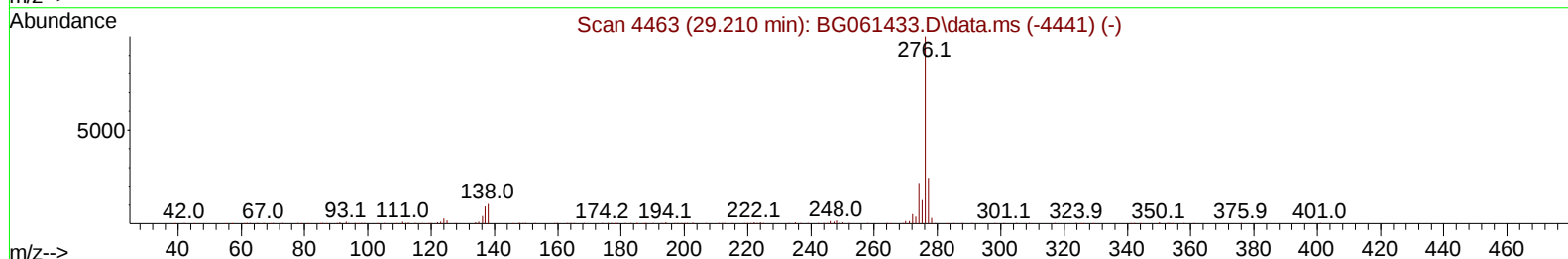
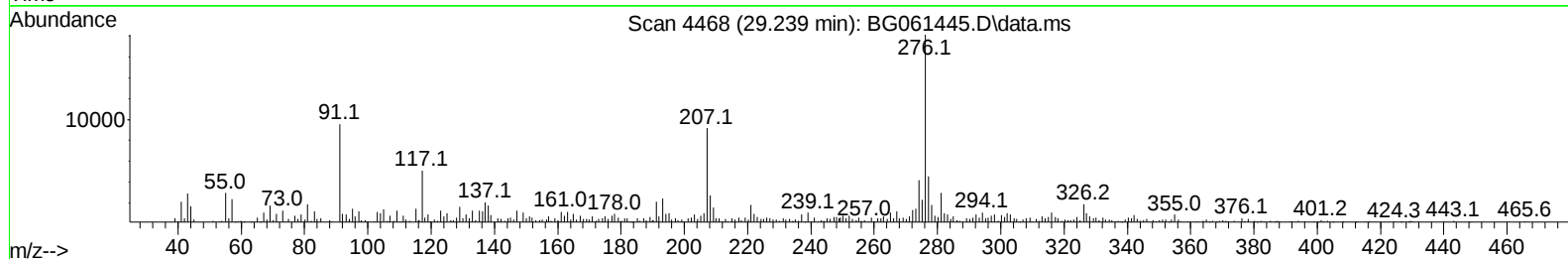
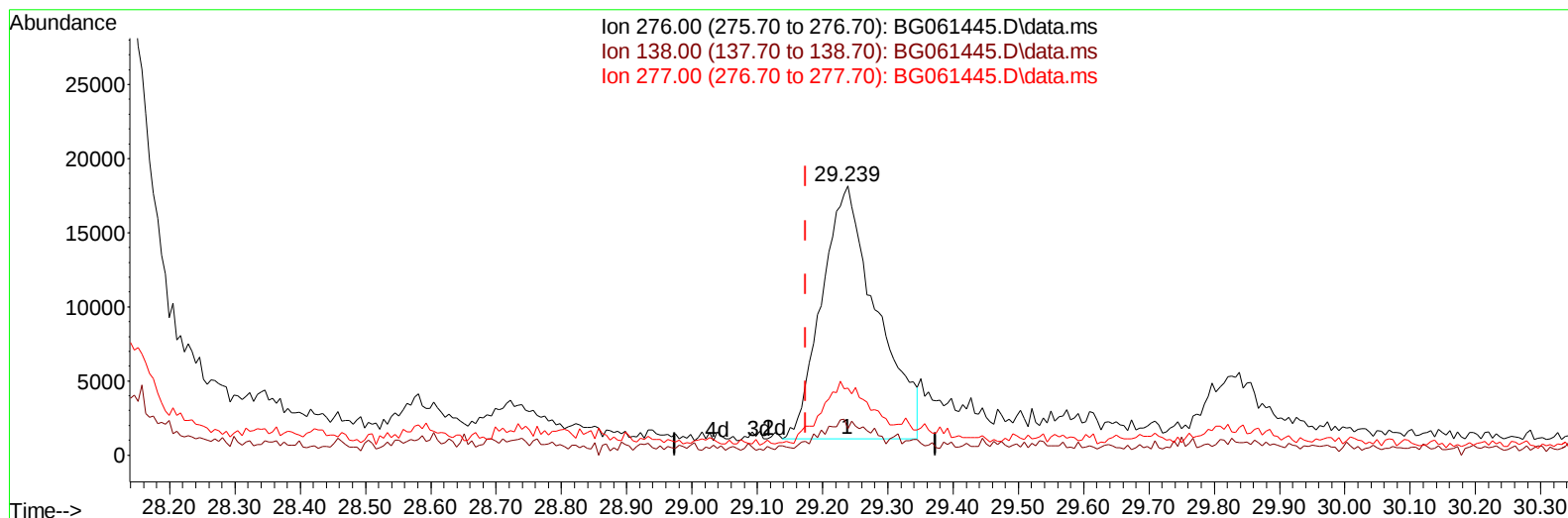
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Data File : BG061445.D
Acq On : 4 Jun 2024 6:30
Operator : MA/JU
Sample : P2577-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:14:27 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: BG061445.D\data.ms

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

29.239min (+ 0.065) 6.37 ng/u1

response 99584

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.75
277.00	22.70	24.89
0.00	0.00	0.00

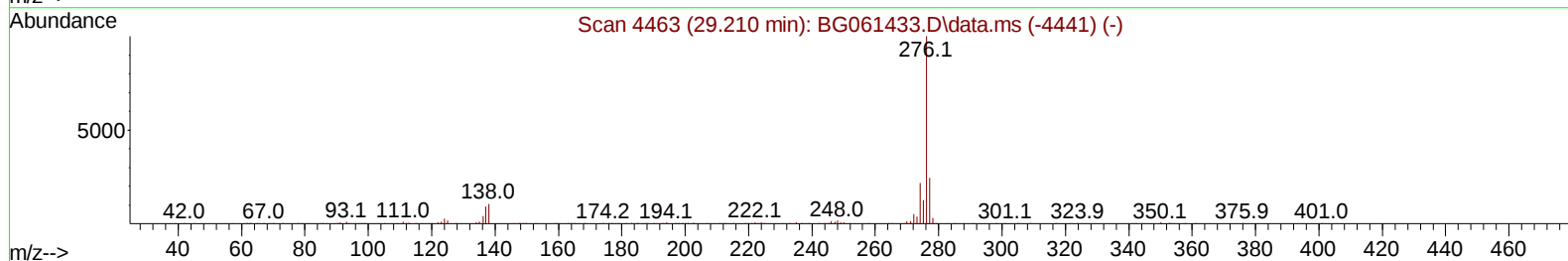
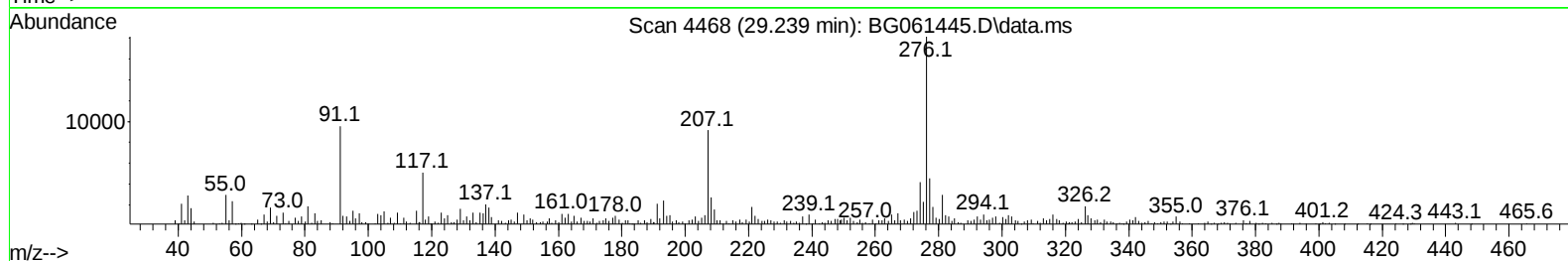
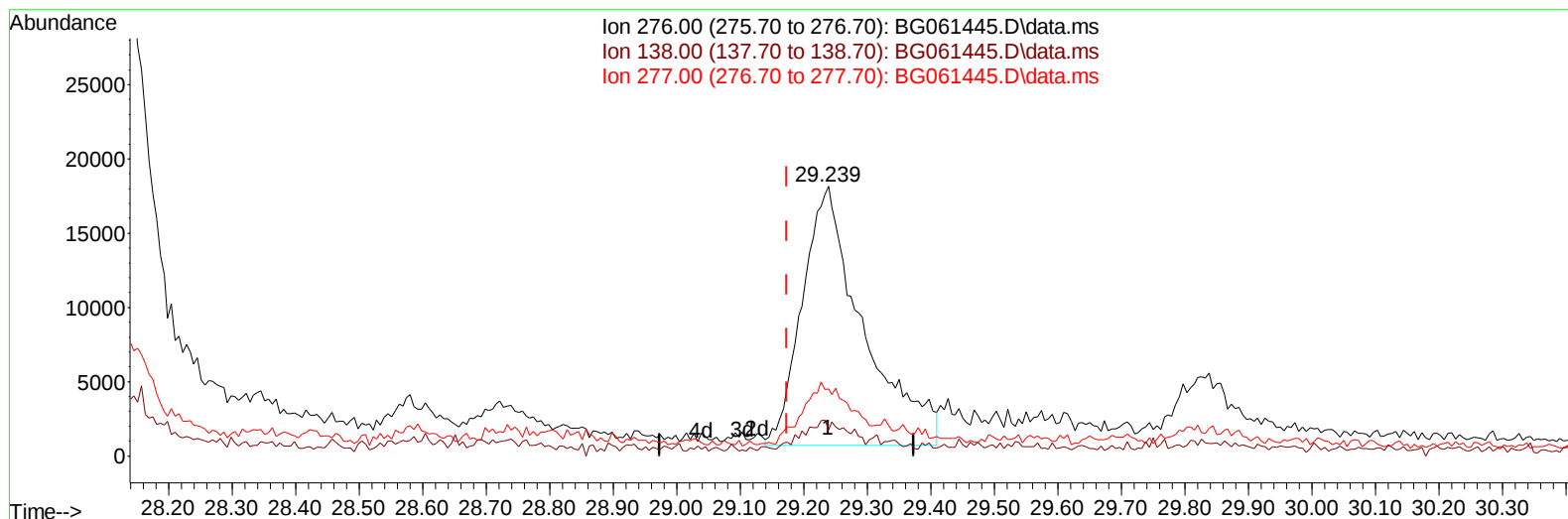
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061445.D
Acq On : 4 Jun 2024 6:30
Operator : MA/JU
Sample : P2577-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:14:27 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
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TIC: BG061445.D\data.ms

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

29.239min (+ 0.065) 7.43 ng/ul m

response 116237

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.75
277.00	22.70	24.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061445.D
 Acq On : 4 Jun 2024 6:30
 Operator : MA/JU
 Sample : P2577-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBP9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:14:50 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	38665	20.000	ng/ul	0.00
20) Naphthalene-d8	10.672	136	146137	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.515	164	108491	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	243148	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	258029	20.000	ng/ul	0.01
88) Perylene-d12	24.621	264	287557	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2483	3.594	ng/uL	0.00
4) Pyridine-d5	3.751	84	25228	10.264	ng/ul	0.01
7) Phenol-d5	7.071	99	62568	19.705	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.206	67	37597	18.839	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	49731	21.163	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	48983	18.092	ng/ul	0.01
21) Nitrobenzene-d5	9.039	128	25900	23.019	ng/ul	0.01
24) 2-Nitrophenol-d4	9.756	143	28332	21.516	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	56578	22.039	ng/ul	0.01
31) 4-Chloroaniline-d4	10.813	131	34101	10.153	ng/ul	0.01
46) Dimethylphthalate-d6	13.921	166	184878	21.972	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	202823	23.185	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	20249m	19.465	ng/ul	0.02
60) Fluorene-d10	15.508	176	164316	22.619	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	18322	12.459	ng/ul	0.02
73) Anthracene-d10	17.364	188	271827	25.358	ng/ul	0.00
81) Pyrene-d10	19.662	212	327551	24.723	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.409	264	364516	26.367	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.725	128	12923	1.675	ng/ul	96
36) 2-Methylnaphthalene	12.335	142	12708	2.272	ng/ul	91
37) 1-Methylnaphthalene	12.552	142	15507	2.701	ng/ul#	90
50) Acenaphthylene	14.233	152	24775	2.554	ng/ul#	92
52) Acenaphthene	14.574	153	20237	3.180	ng/ul	97
56) Dibenzofuran	14.914	168	43754	4.809	ng/ul	91
61) Fluorene	15.561	166	53524	6.799	ng/ul	97
72) Phenanthrene	17.312	178	630392	53.417	ng/ul	98
74) Anthracene	17.400	178	148081	12.136	ng/ul	98
77) Carbazole	17.670	167	48500	4.887	ng/ul	99
80) Fluoranthene	19.327	202	842407	53.003	ng/ul	99
82) Pyrene	19.691	202	713990	43.279	ng/ul	99
83) Butylbenzylphthalate	20.572	149	8020	1.415	ng/ul#	86
85) Benzo(a)anthracene	21.507	228	461905	25.944	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.413	149	56143	6.693	ng/ul#	99
87) Chrysene	21.571	228	407936m	24.884	ng/ul	
90) Benzo(b)fluoranthene	23.645	252	494482	28.882	ng/ul	99
91) Benzo(k)fluoranthene	23.698	252	167998m	9.666	ng/ul	
93) Benzo(a)pyrene	24.480	252	340769	20.961	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.140	276	171690m	8.733	ng/ul	
95) Dibenzo(a,h)anthracene	28.169	278	47408m	2.924	ng/ul	
96) Benzo(g,h,i)perylene	29.239	276	116237m	7.432	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061445.D
Acq On : 4 Jun 2024 6:30
Operator : MA/JU
Sample : P2577-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBP9

Manual IntegrationsAPPROVED

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

Quant Time: Jun 04 07:14:50 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

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061445.D
 Acq On : 4 Jun 2024 6:30
 Operator : MA/JU
 Sample : P2577-16
 Misc :
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Manual IntegrationsAPPROVED

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