

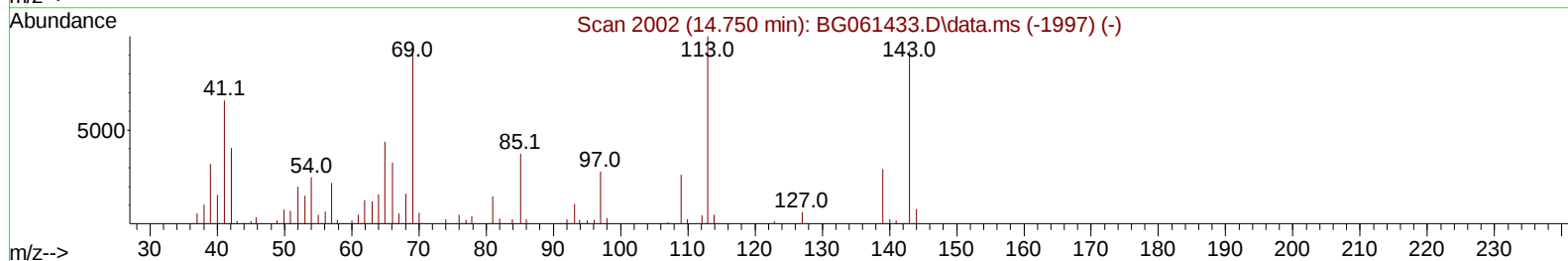
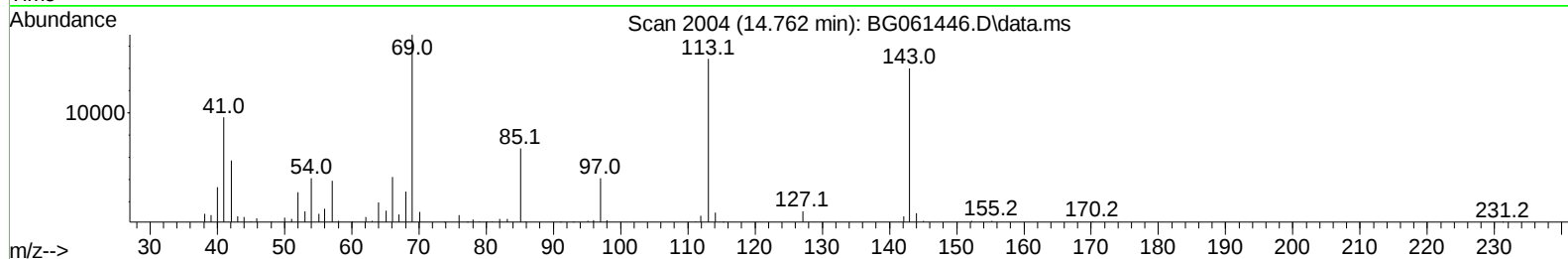
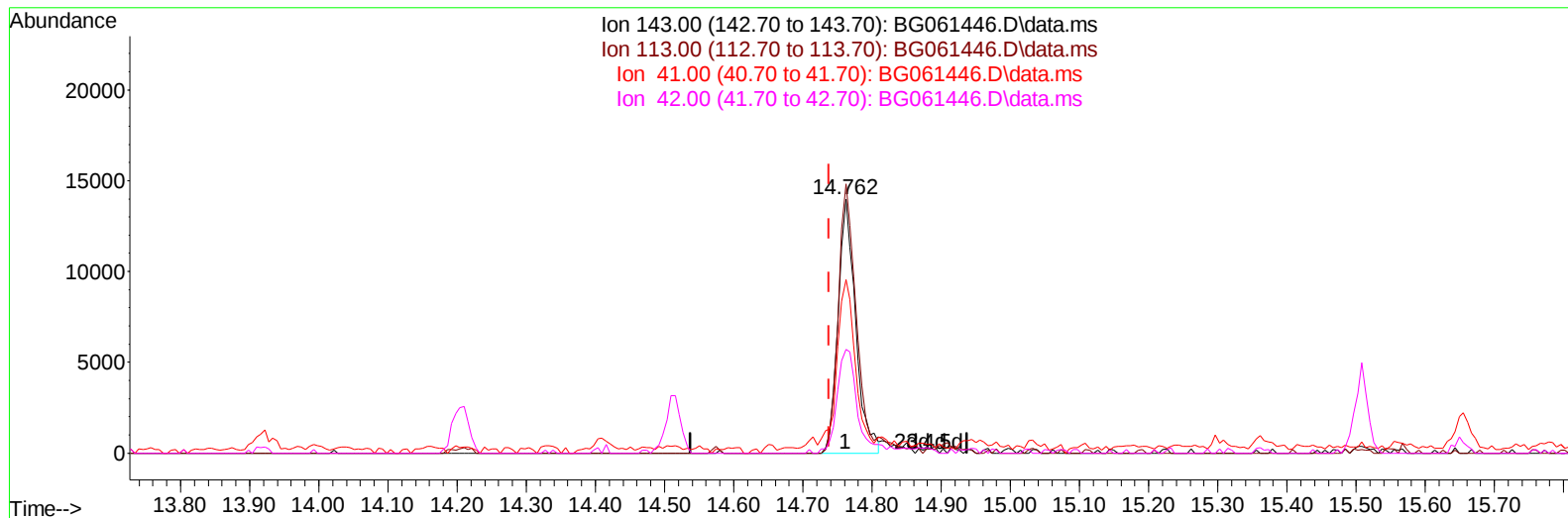
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061446.D
Acq On : 4 Jun 2024 7:11
Operator : MA/JU
Sample : P2577-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:45:09 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: BG061446.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.024) 21.83 ng/u1

response 24675

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	105.82
41.00	77.10	68.29
42.00	49.50	40.73

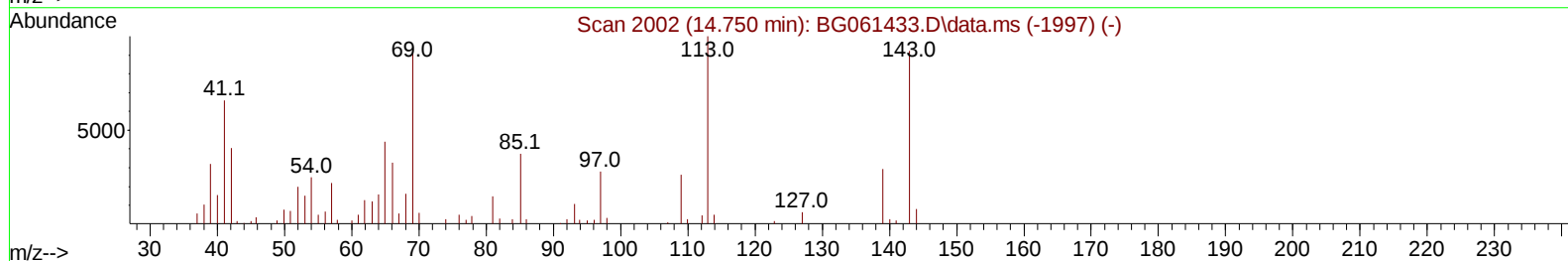
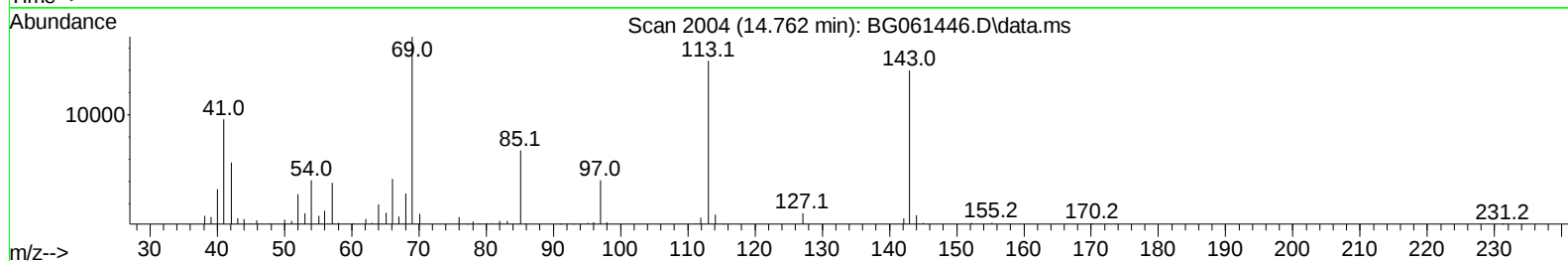
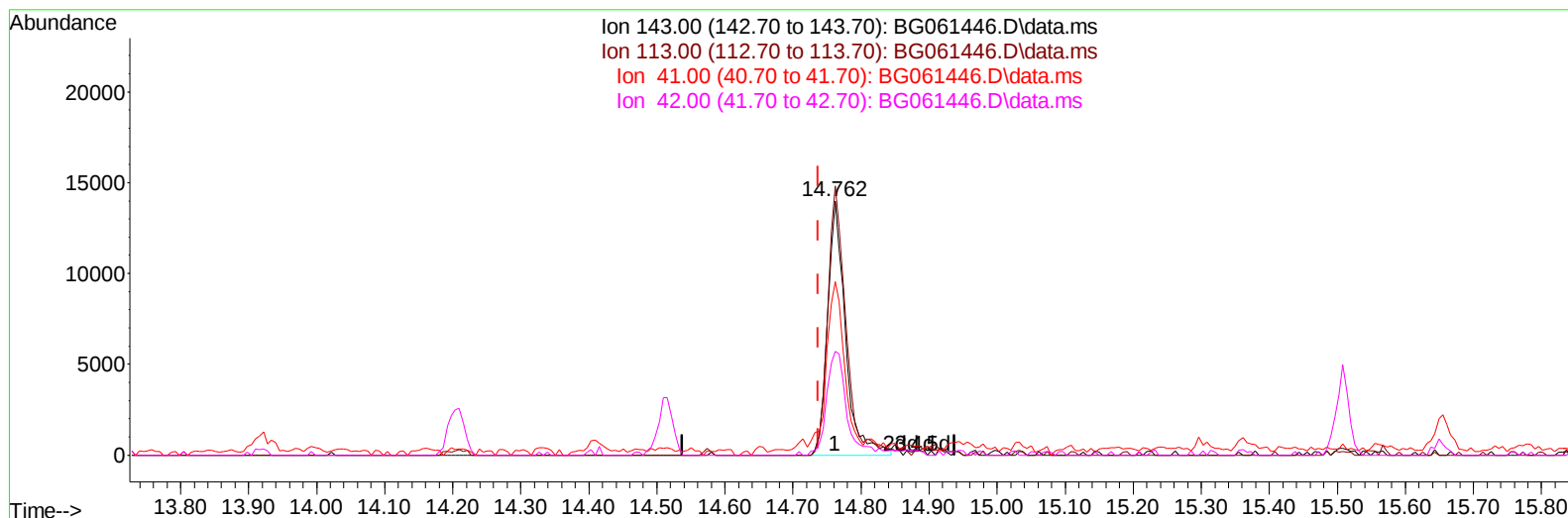
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061446.D
 Acq On : 4 Jun 2024 7:11
 Operator : MA/JU
 Sample : P2577-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:45:09 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: BG061446.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.024) 22.69 ng/ul m

response 25655

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	105.82
41.00	77.10	68.29
42.00	49.50	40.73

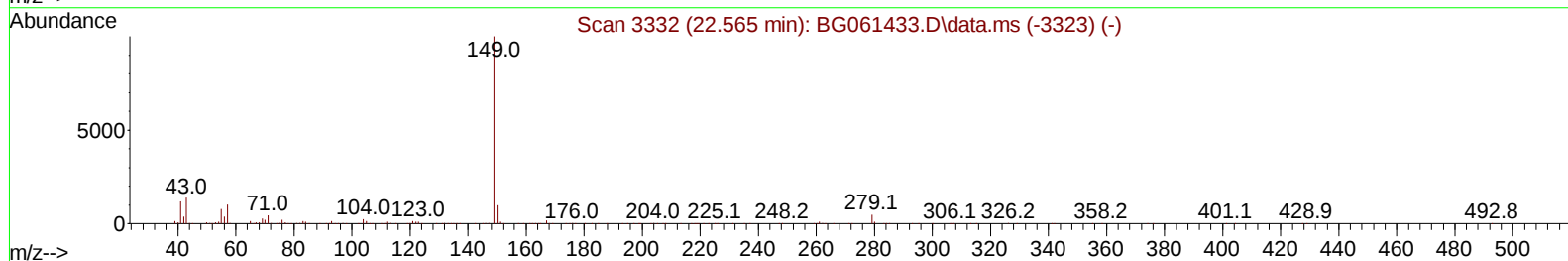
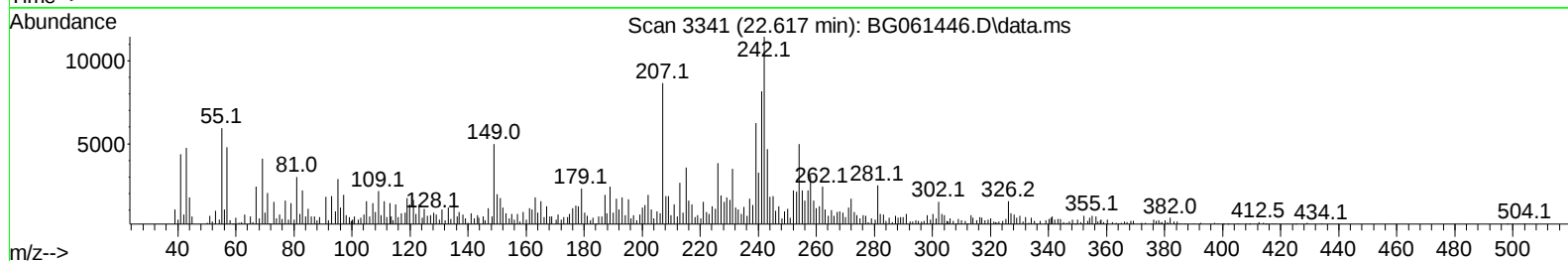
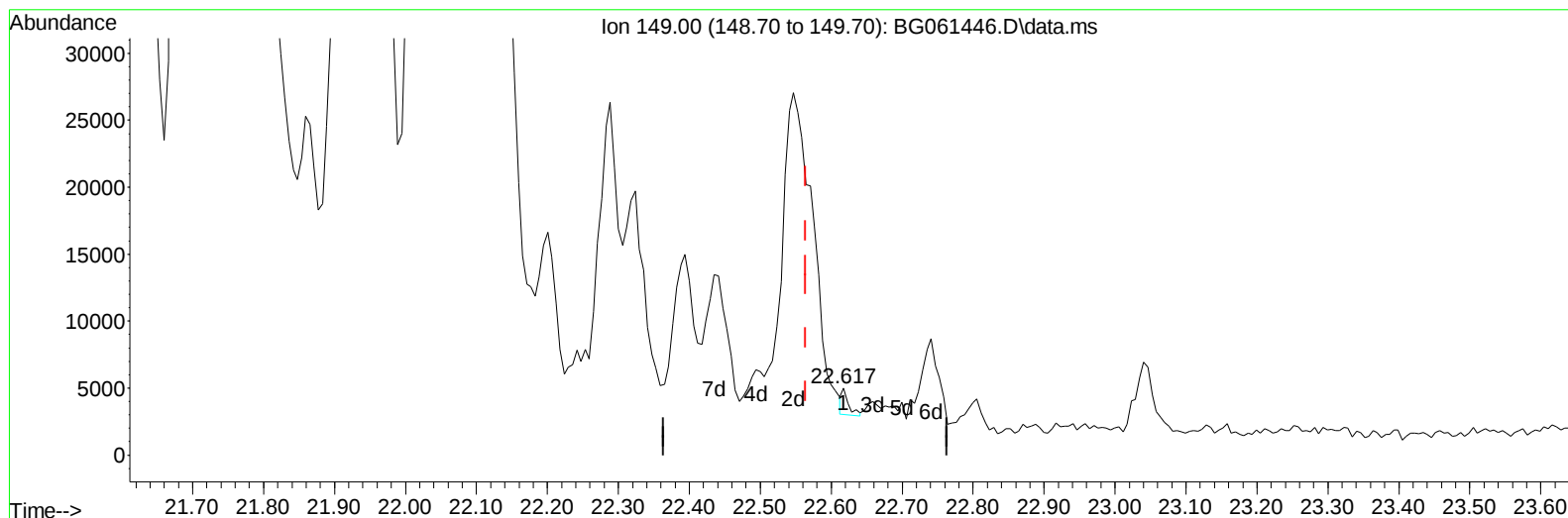
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061446.D
 Acq On : 4 Jun 2024 7:11
 Operator : MA/JU
 Sample : P2577-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:46:01 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: BG061446.D\data.ms

(89) Di-n-octyl phthalate

22.617min (+ 0.054) 0.08 ng/u1

response 1303

Ion	Exp%	Act%
149.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

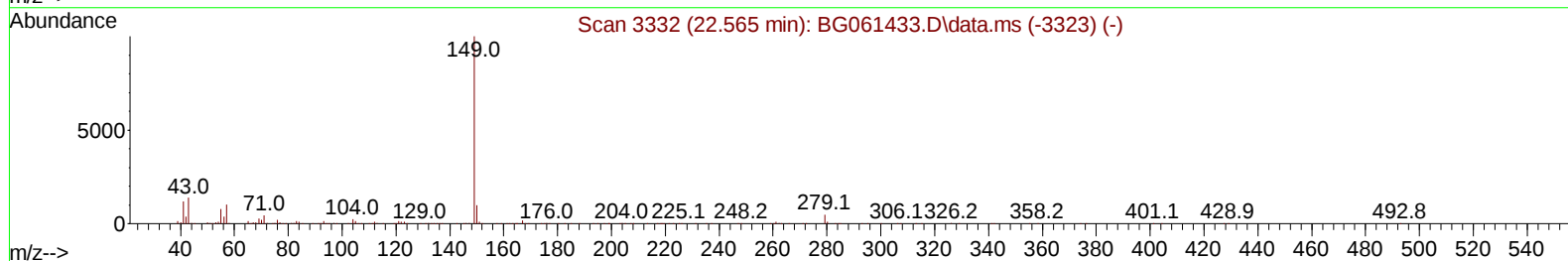
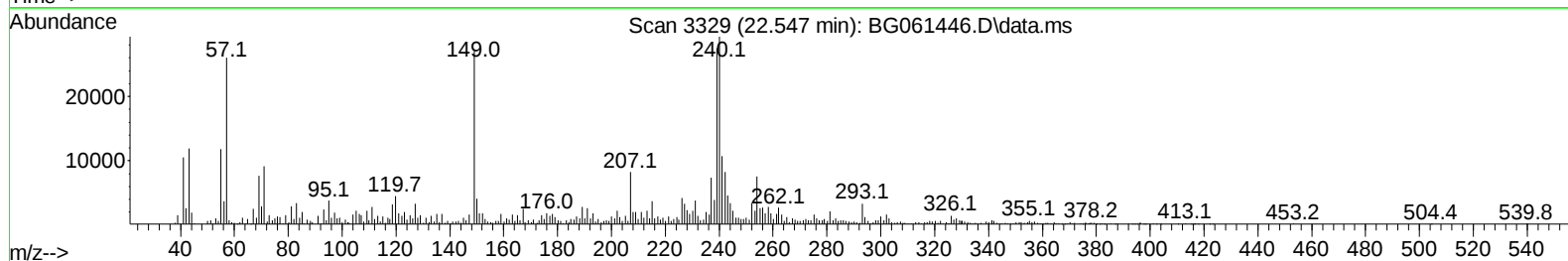
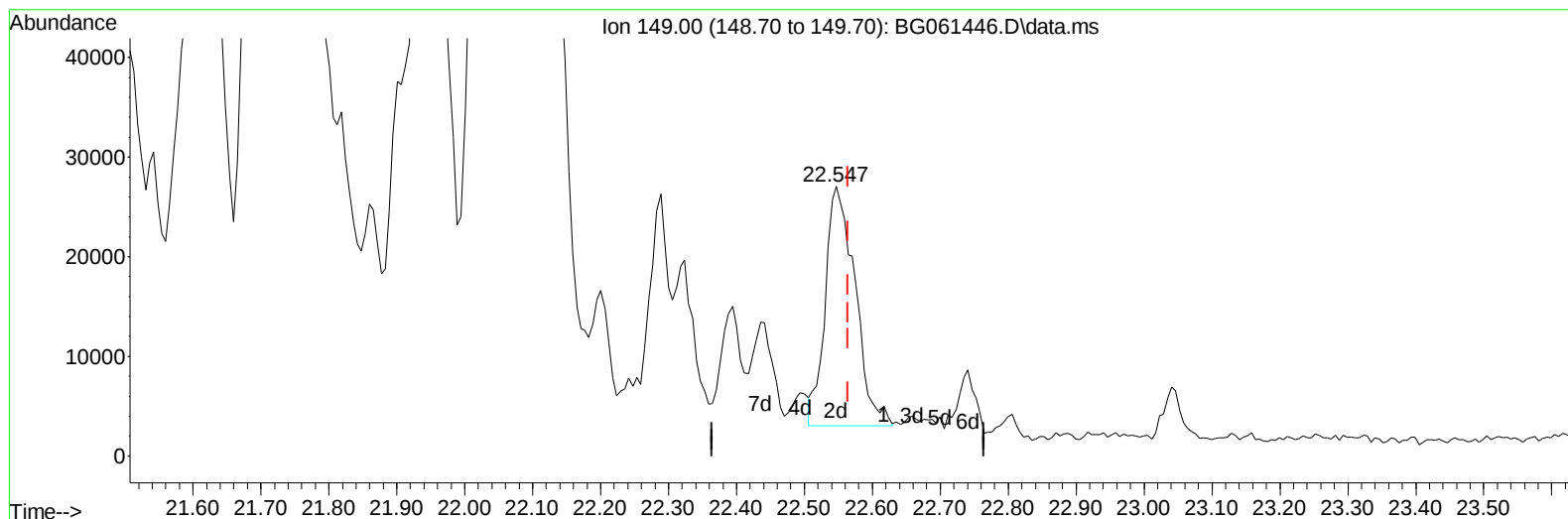
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061446.D
 Acq On : 4 Jun 2024 7:11
 Operator : MA/JU
 Sample : P2577-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:46:01 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: BG061446.D\data.ms

(89) Di-n-octyl phthalate

22.547min (-0.017) 4.65 ng/ul m

response 72923

Ion	Exp%	Act%
149.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

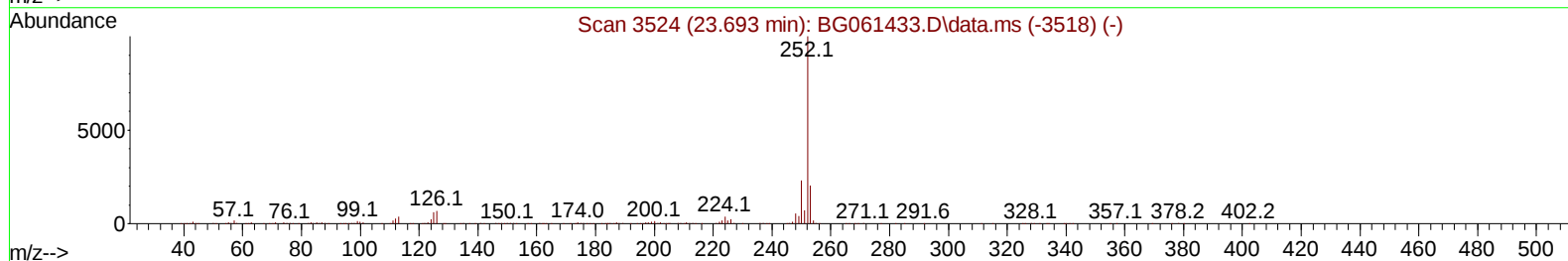
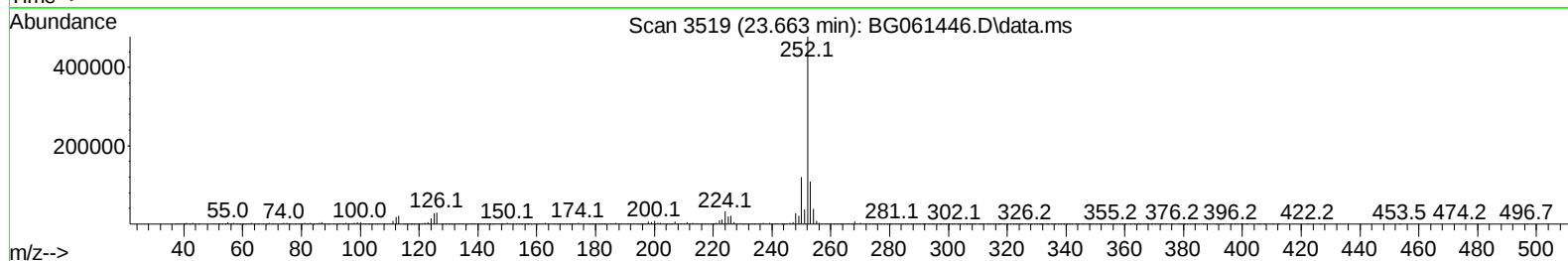
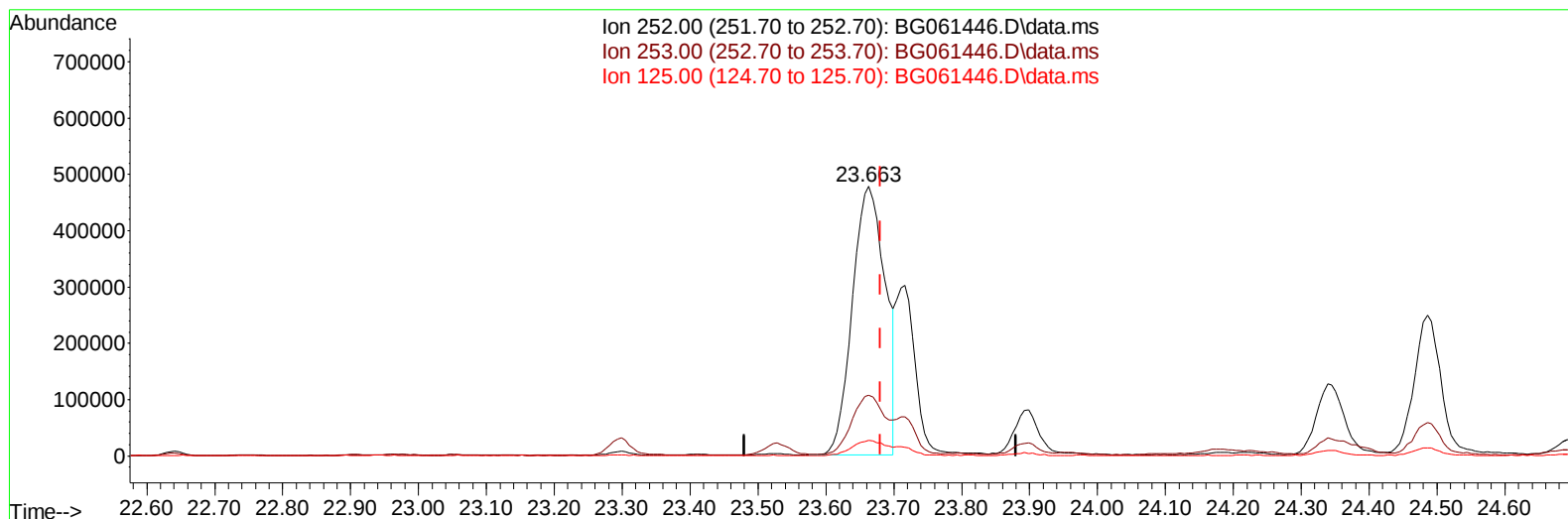
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061446.D
Acq On : 4 Jun 2024 7:11
Operator : MA/JU
Sample : P2577-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:47:28 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: BG061446.D\data.ms

(91) Benzo(k)fluoranthene

23.663min (-0.017) 84.97 ng/u1

response 1609545

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.65
125.00	5.40	5.87
0.00	0.00	0.00

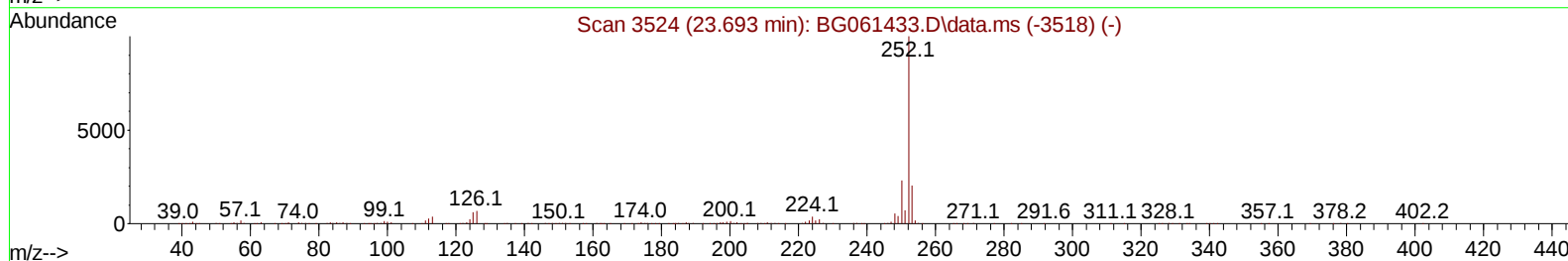
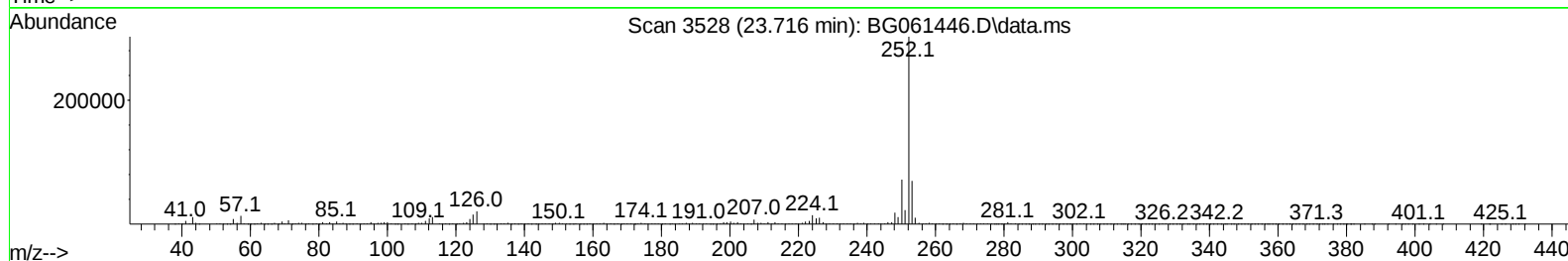
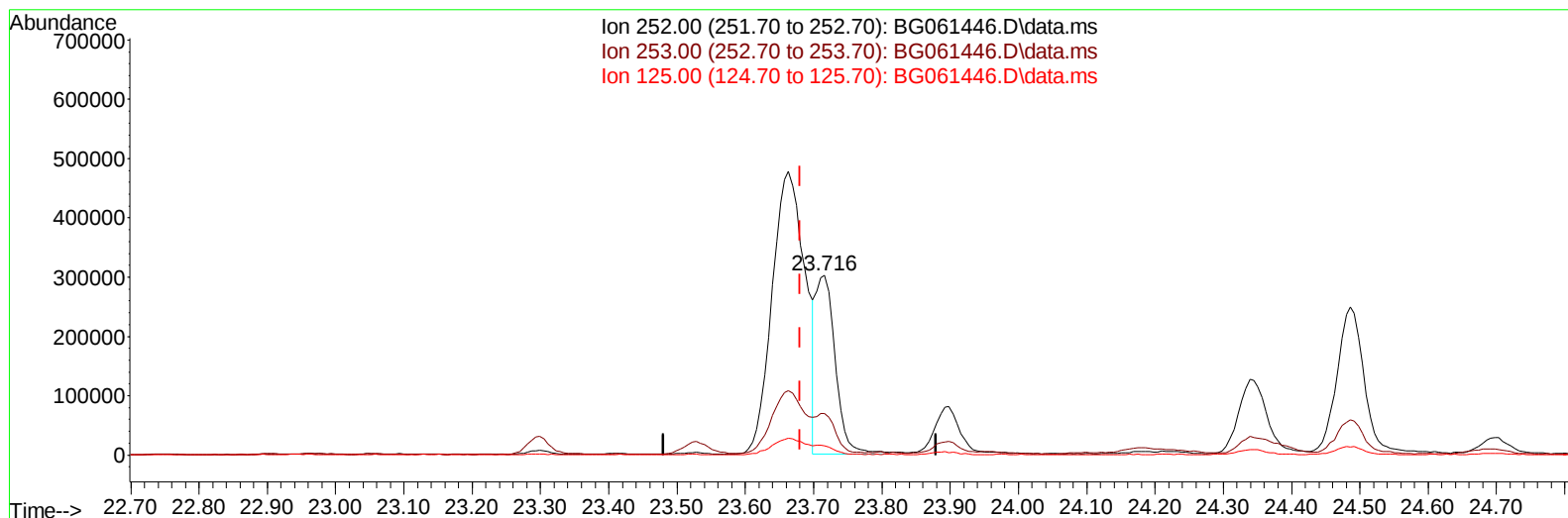
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061446.D
Acq On : 4 Jun 2024 7:11
Operator : MA/JU
Sample : P2577-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:47:28 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: BG061446.D\data.ms

(91) Benzo(k)fluoranthene

23.716min (+ 0.036) 31.21 ng/ul m

response 591119

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.07
125.00	5.40	5.24
0.00	0.00	0.00

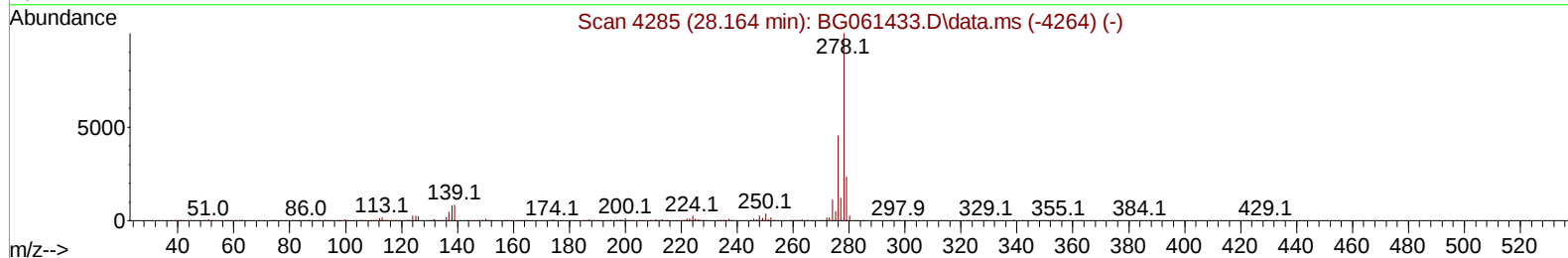
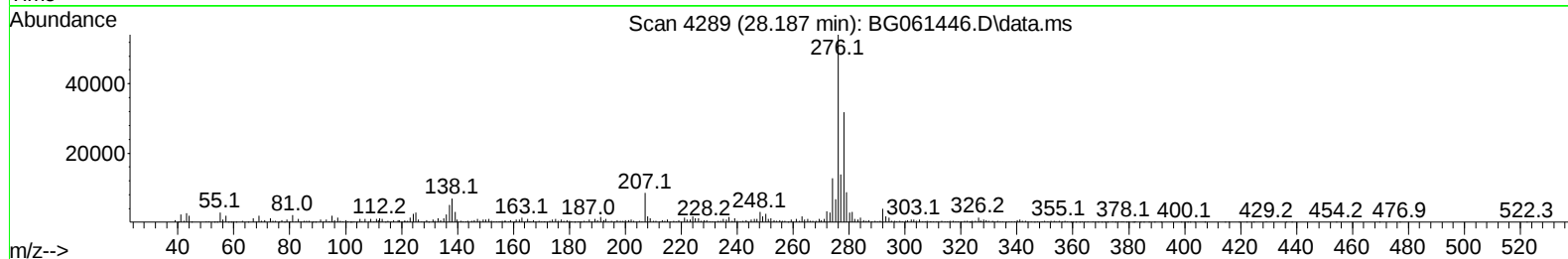
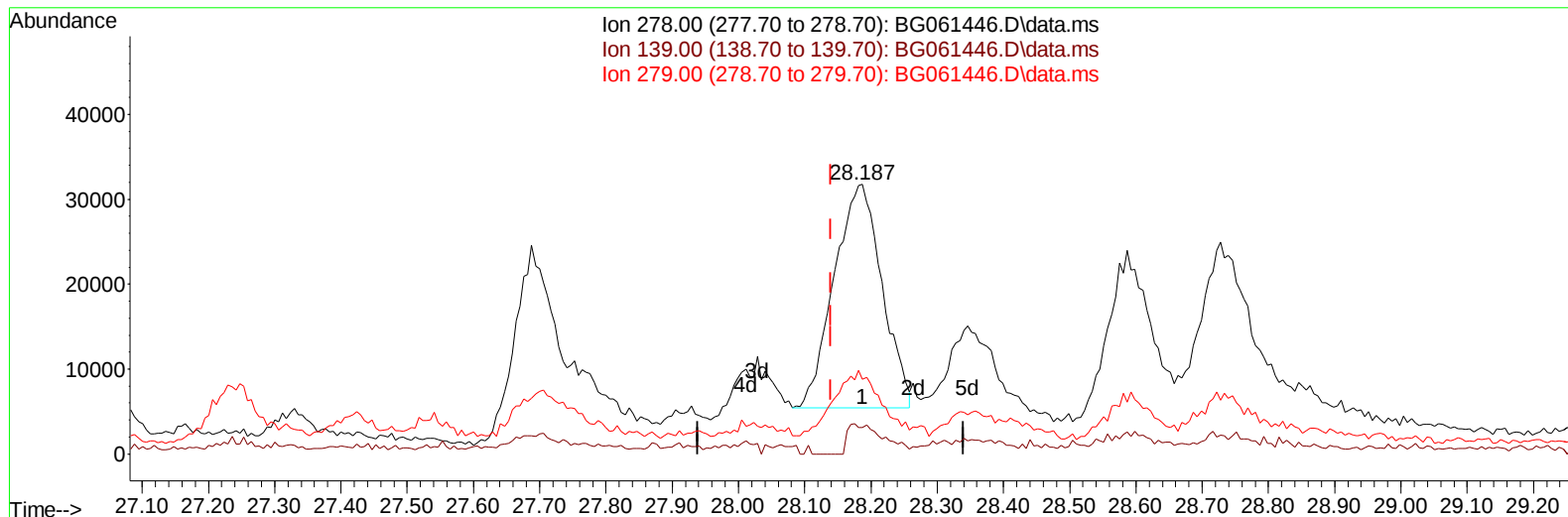
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061446.D
Acq On : 4 Jun 2024 7:11
Operator : MA/JU
Sample : P2577-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:48:05 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: BG061446.D\data.ms

(95) Dibenzo(a,h)anthracene

28.187min (+ 0.048) 7.48 ng/u1

response 132138

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.75#
279.00	24.90	27.82
0.00	0.00	0.00

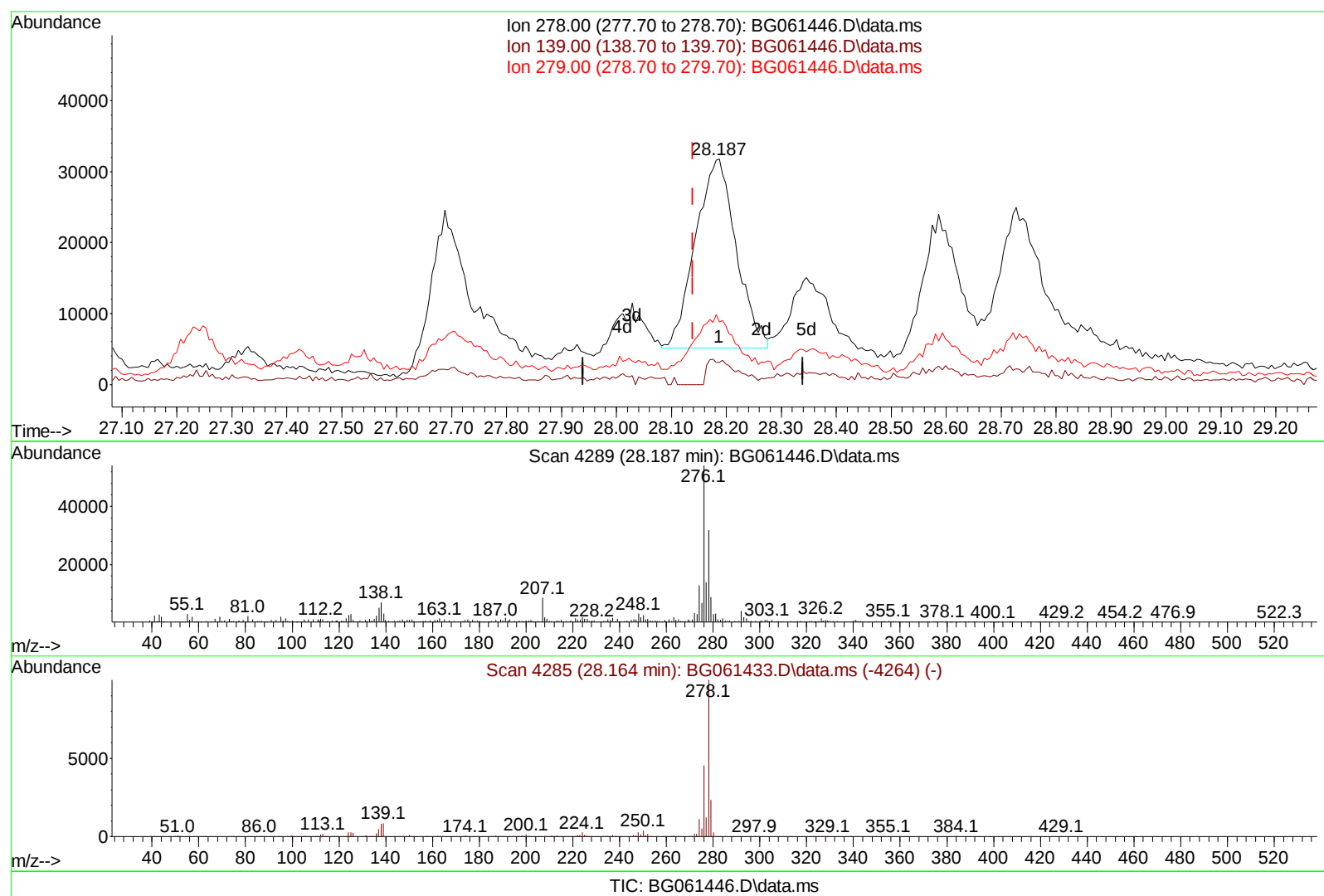
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Data File : BG061446.D
Acq On : 4 Jun 2024 7:11
Operator : MA/JU
Sample : P2577-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:49:38 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



(95) Dibenzo(a,h)anthracene

28.187min (+ 0.048) 7.74 ng/ul m

response 136806

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.75#
279.00	24.90	27.82
0.00	0.00	0.00

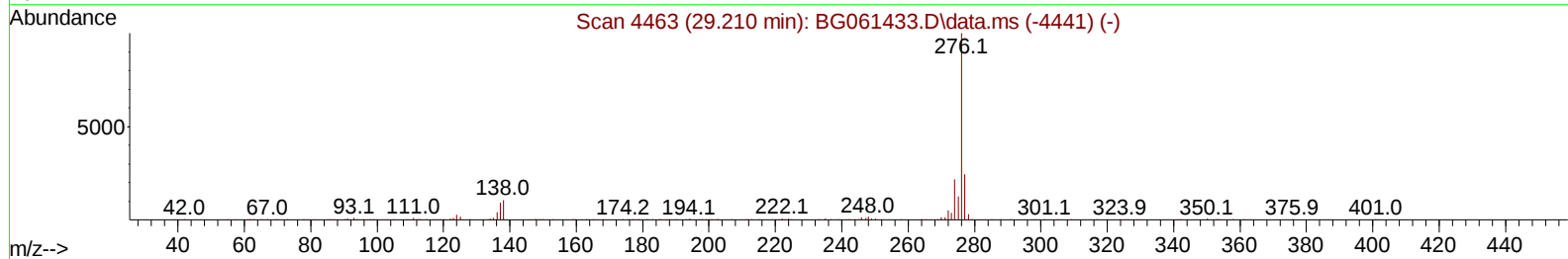
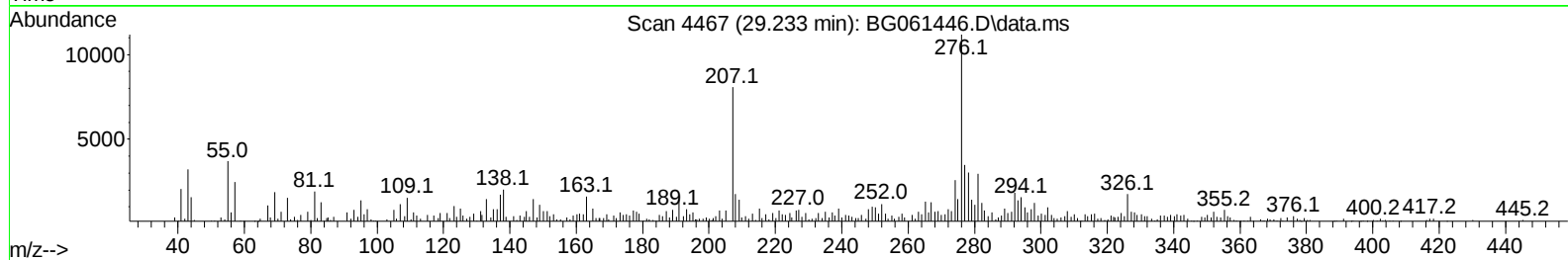
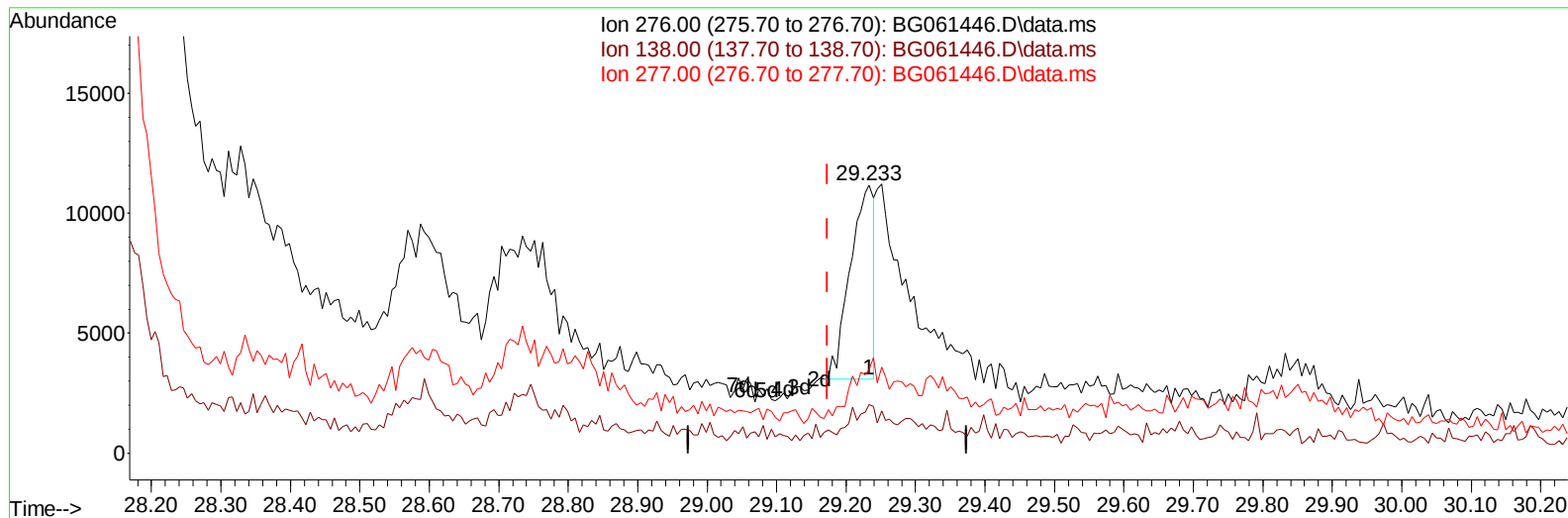
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061446.D
Acq On : 4 Jun 2024 7:11
Operator : MA/JU
Sample : P2577-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:48:42 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: BG061446.D\data.ms

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

29.233min (+ 0.059) 1.11 ng/u1

response 18854

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	18.19#
277.00	22.70	31.17#
0.00	0.00	0.00

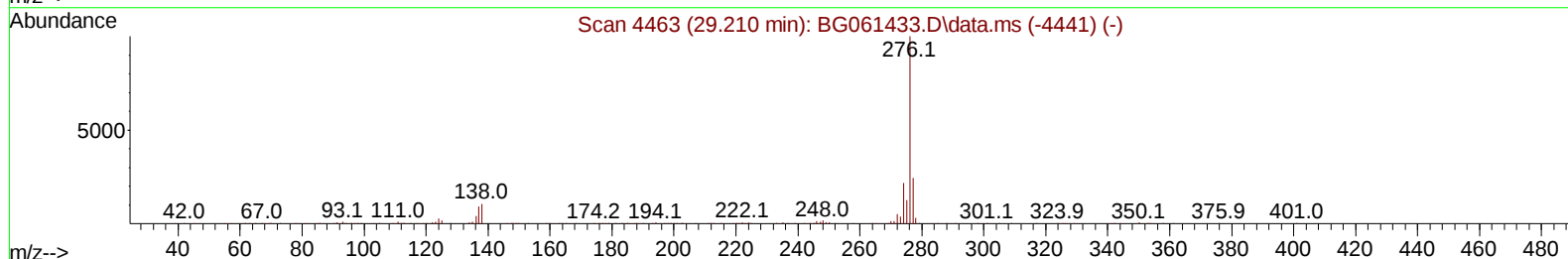
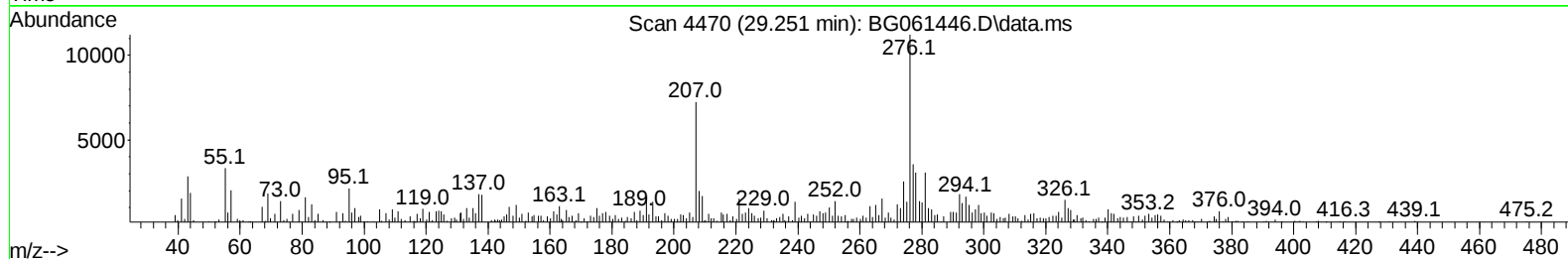
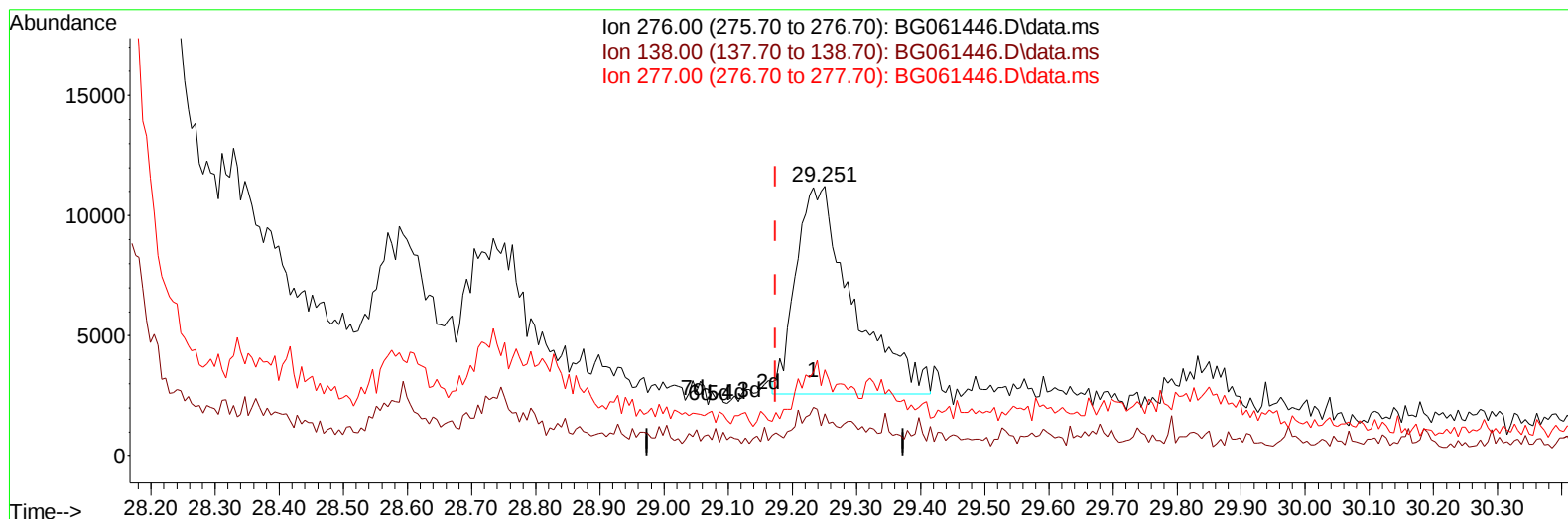
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061446.D
Acq On : 4 Jun 2024 7:11
Operator : MA/JU
Sample : P2577-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:48:42 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: BG061446.D\data.ms

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

29.251min (+ 0.077) 3.14 ng/ul m

response 53451

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	15.67#
277.00	22.70	31.87#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061446.D
 Acq On : 4 Jun 2024 7:11
 Operator : MA/JU
 Sample : P2577-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBW4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 07:49:38 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	41782	20.000	ng/ul	0.00
20) Naphthalene-d8	10.673	136	158883	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.515	164	117906	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	268277	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	286899	20.000	ng/ul	0.02
88) Perylene-d12	24.627	264	313391	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3657	4.898	ng/uL	0.00
4) Pyridine-d5	3.751	84	26144	9.843	ng/ul	0.01
7) Phenol-d5	7.071	99	80303	23.404	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.206	67	49447	22.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	65427	25.765	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	64285	21.972	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	33244	27.176	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	37623	26.279	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	77090	27.620	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	41988	11.499	ng/ul	0.01
46) Dimethylphthalate-d6	13.922	166	242677	26.538	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	266003	27.980	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	25655m	22.692	ng/ul	0.02
60) Fluorene-d10	15.508	176	212185	26.876	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	22402	13.806	ng/ul	0.02
73) Anthracene-d10	17.365	188	348903	29.499	ng/ul	0.00
81) Pyrene-d10	19.662	212	388226	26.354	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.415	264	333509	22.136	ng/ul	0.03
Target Compounds						
					Qvalue	
30) Naphthalene	10.720	128	9913	1.182	ng/ul	96
52) Acenaphthene	14.574	153	19231	2.781	ng/ul	90
56) Dibenzofuran	14.909	168	10495	1.061	ng/ul	99
61) Fluorene	15.567	166	18721	2.188	ng/ul	91
72) Phenanthrene	17.306	178	586775	45.064	ng/ul	100
74) Anthracene	17.400	178	80089	5.949	ng/ul	99
77) Carbazole	17.670	167	57438	5.245	ng/ul	98
78) Di-n-butylphthalate	18.223	149	76746	5.593	ng/ul	99
80) Fluoranthene	19.333	202	1873752	106.031	ng/ul	99
82) Pyrene	19.691	202	1500767	81.815	ng/ul	100
83) Butylbenzylphthalate	20.579	149	301581	47.859	ng/ul	98
85) Benzo(a)anthracene	21.507	228	1074509	54.279	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.448	149	8259198	885.463	ng/ul#	57
87) Chrysene	21.572	228	1140858	62.588	ng/ul	97
89) Di-n-octyl phthalate	22.547	149	72923m	4.651	ng/ul	
90) Benzo(b)fluoranthene	23.663	252	1609545	86.260	ng/ul	99
91) Benzo(k)fluoranthene	23.716	252	591119m	31.206	ng/ul	
93) Benzo(a)pyrene	24.486	252	650487	36.713	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.152	276	467441	21.816	ng/ul	97
95) Dibenzo(a,h)anthracene	28.187	278	136806m	7.743	ng/ul	
96) Benzo(g,h,i)perylene	29.251	276	53451m	3.136	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061446.D
Acq On : 4 Jun 2024 7:11
Operator : MA/JU
Sample : P2577-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW4

Manual IntegrationsAPPROVED

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

Quant Time: Jun 04 07:49:38 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)

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061446.D
Acq On : 4 Jun 2024 7:11
Operator : MA/JU
Sample : P2577-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW4

Manual IntegrationsAPPROVED

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

Quant Time: Jun 04 07:49:38 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

