

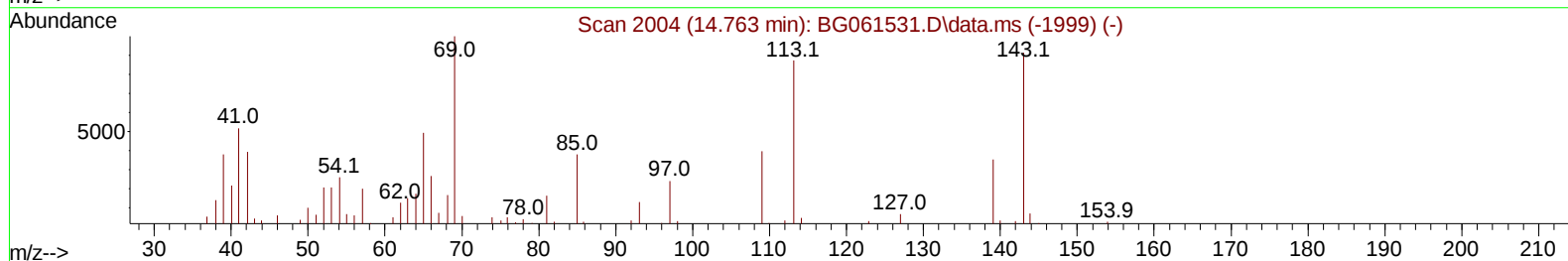
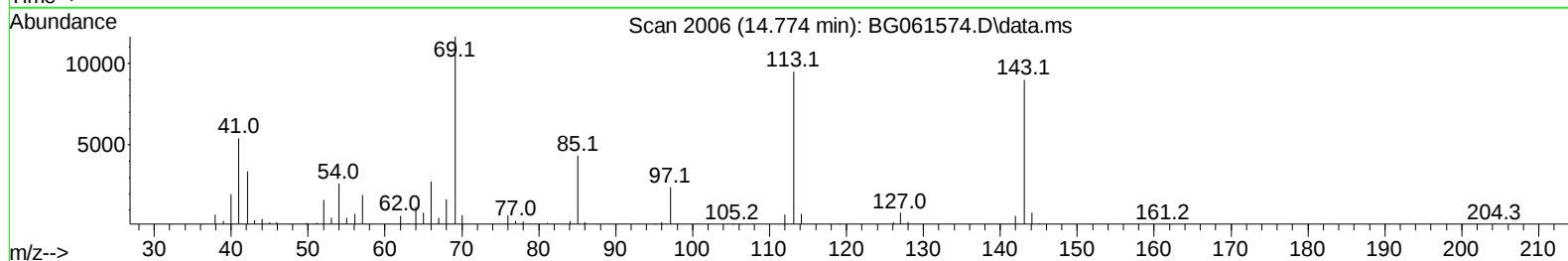
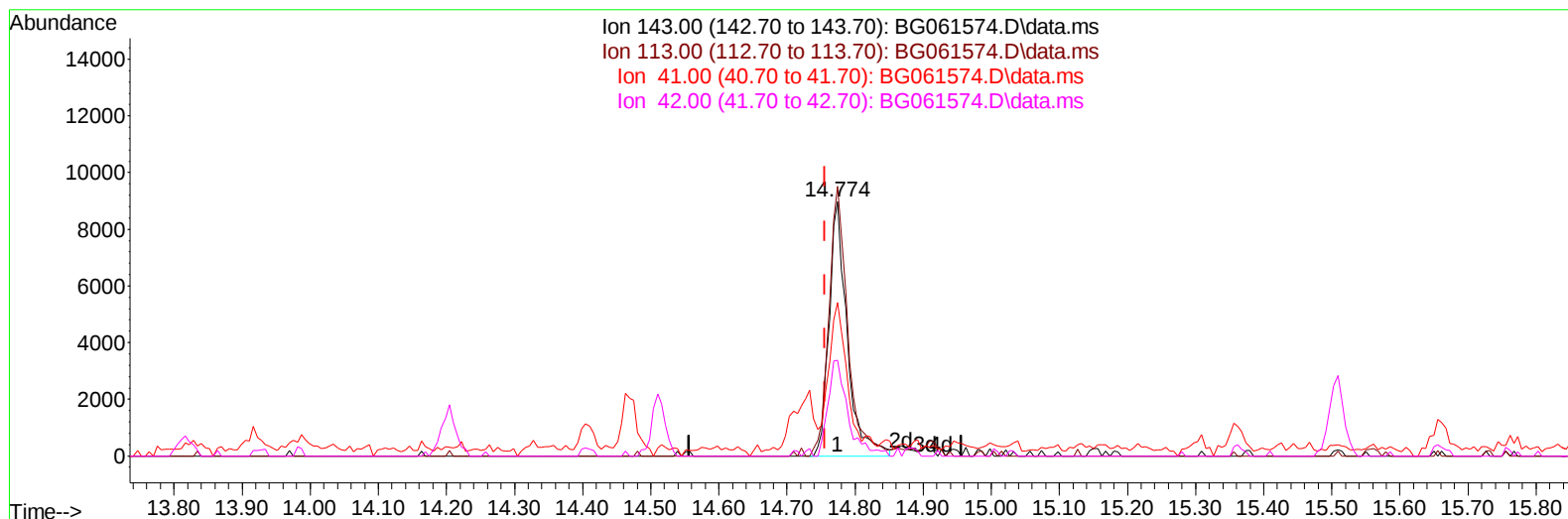
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061574.D
Acq On : 8 Jun 2024 21:00
Operator : MA/JU
Sample : P2647-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBT1

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:03:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061574.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.774min (+ 0.018) 21.35 ng/ul m

response 16700

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	105.82
41.00	77.10	60.30#
42.00	49.50	37.65#

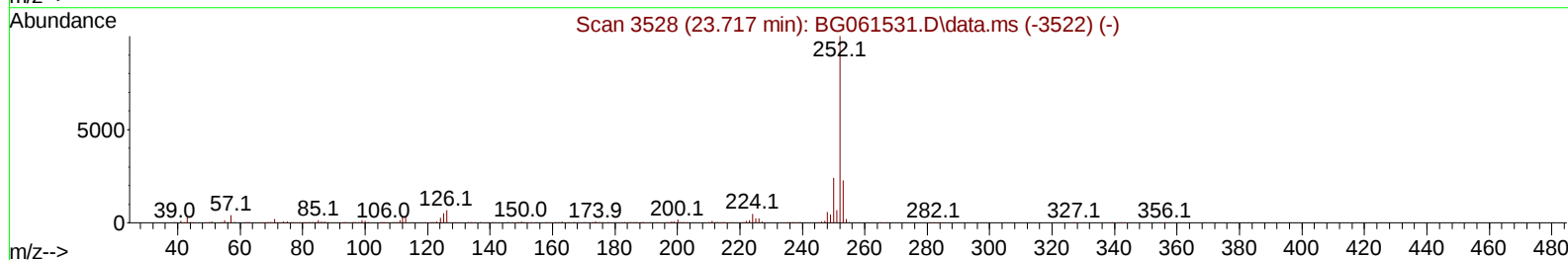
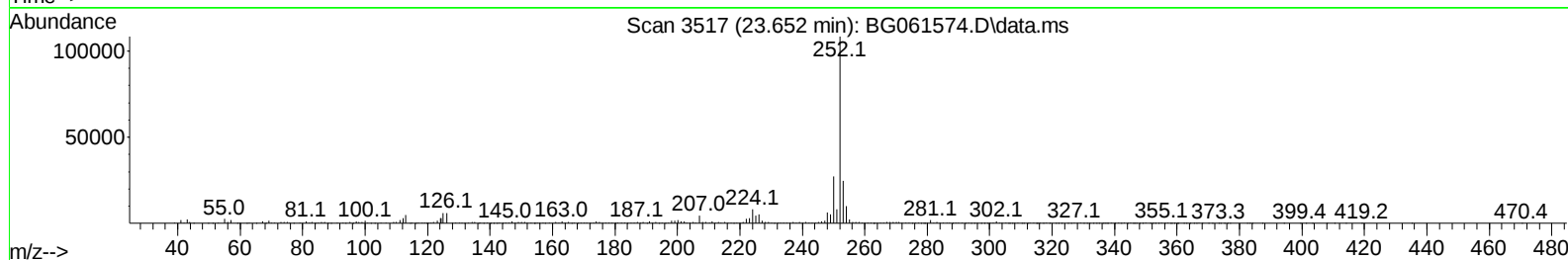
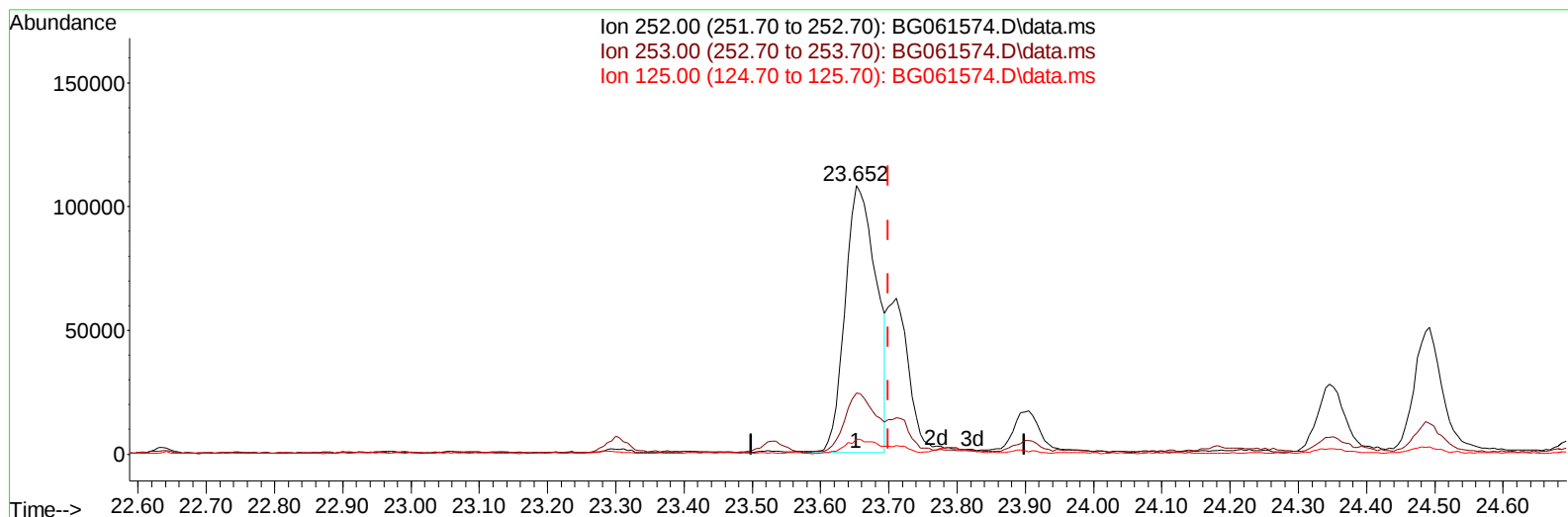
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061574.D
Acq On : 8 Jun 2024 21:00
Operator : MA/JU
Sample : P2647-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBT1

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:34:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061574.D\data.ms

(91) Benzo(k)fluoranthene

23.652min (-0.047) 26.20 ng/u1

response 342789

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.85
125.00	5.40	5.47
0.00	0.00	0.00

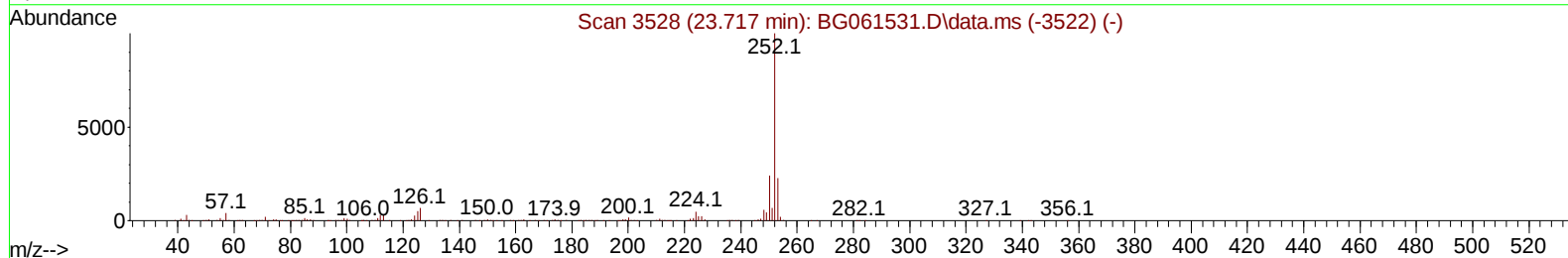
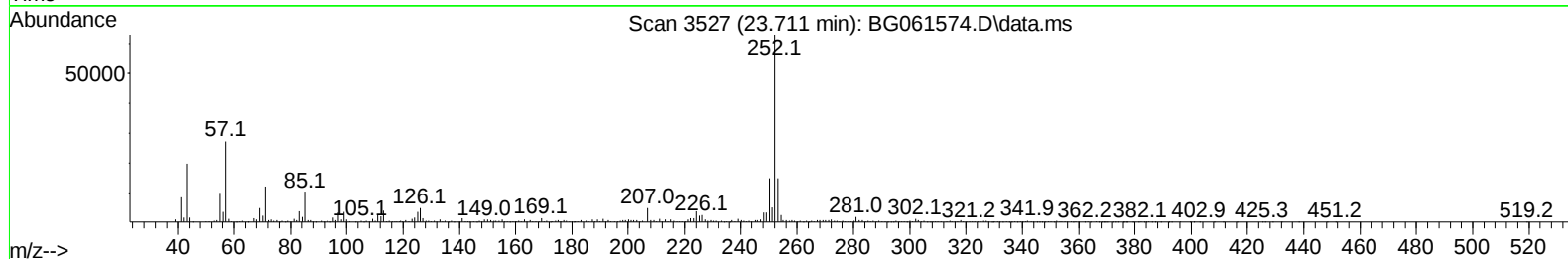
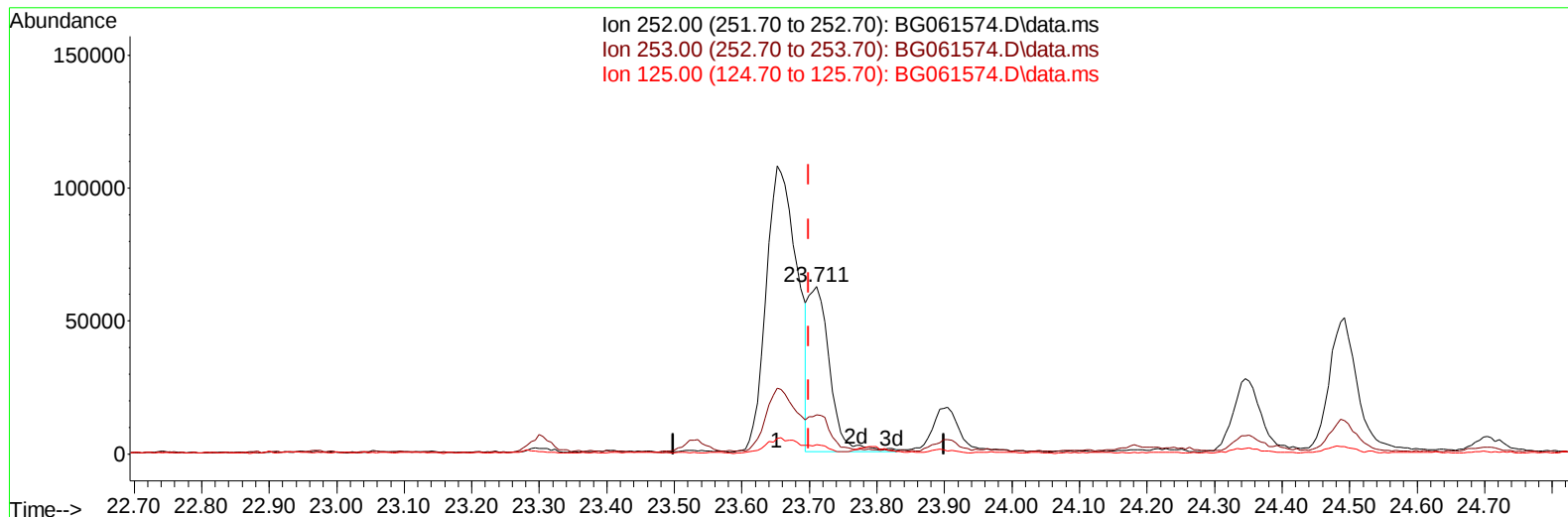
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061574.D
Acq On : 8 Jun 2024 21:00
Operator : MA/JU
Sample : P2647-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBT1

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:34:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061574.D\data.ms

(91) Benzo(k)fluoranthene

23.711min (+ 0.012) 10.53 ng/ul m

response 137823

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.46
125.00	5.40	5.53
0.00	0.00	0.00

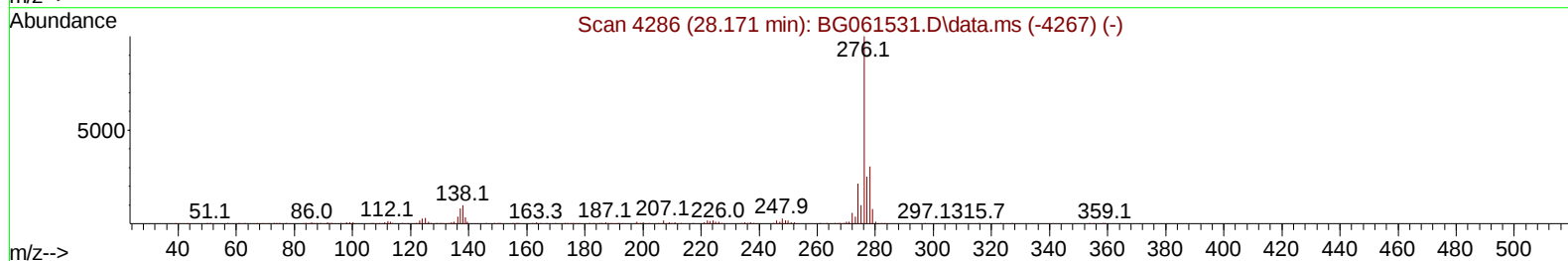
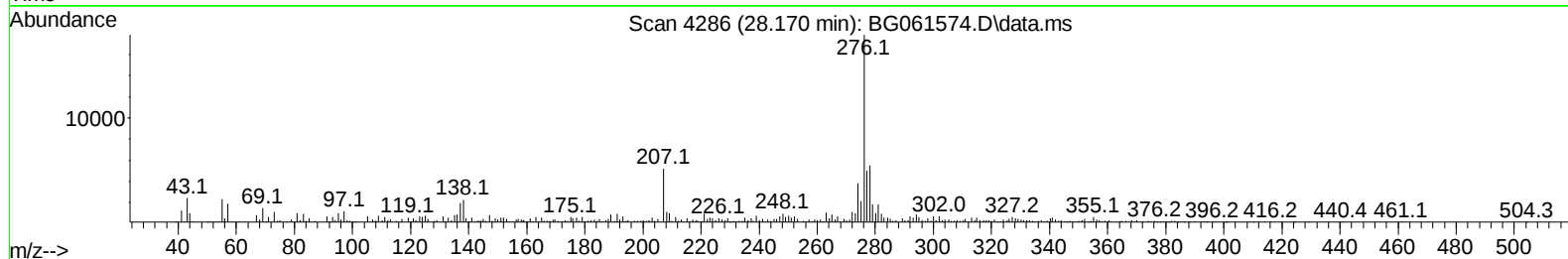
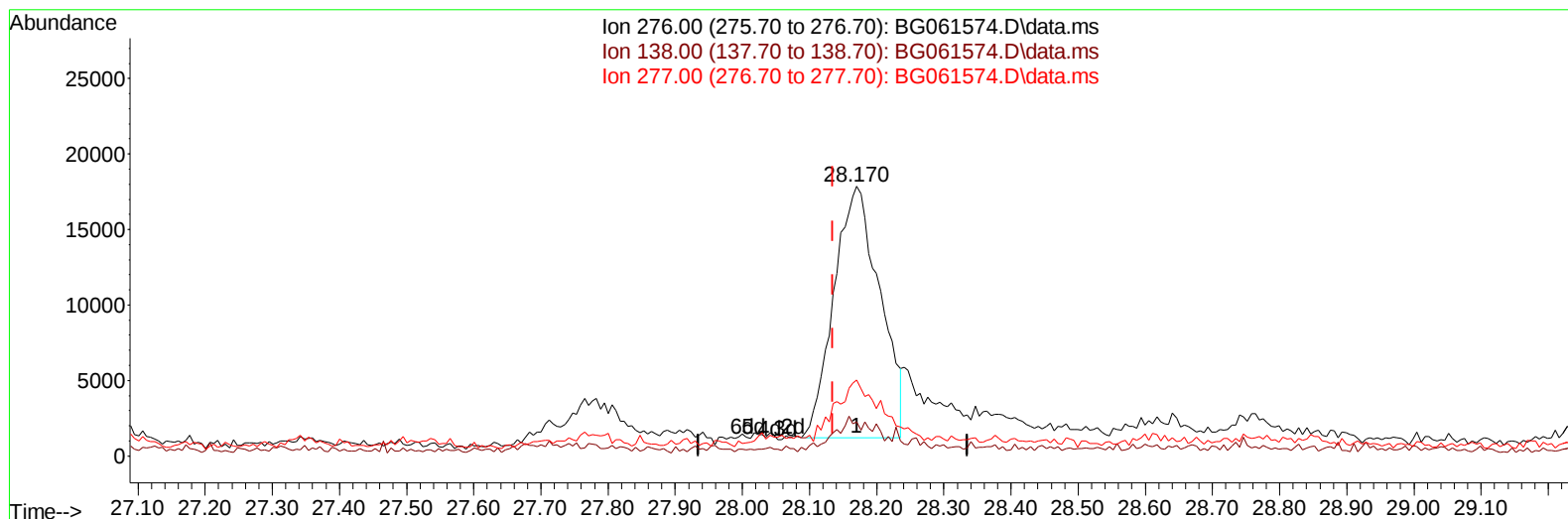
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061574.D
Acq On : 8 Jun 2024 21:00
Operator : MA/JU
Sample : P2647-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBT1

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:34:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061574.D\data.ms

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

28.170min (+ 0.036) 5.33 ng/u1

response 78870

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.70
277.00	24.60	28.16
0.00	0.00	0.00

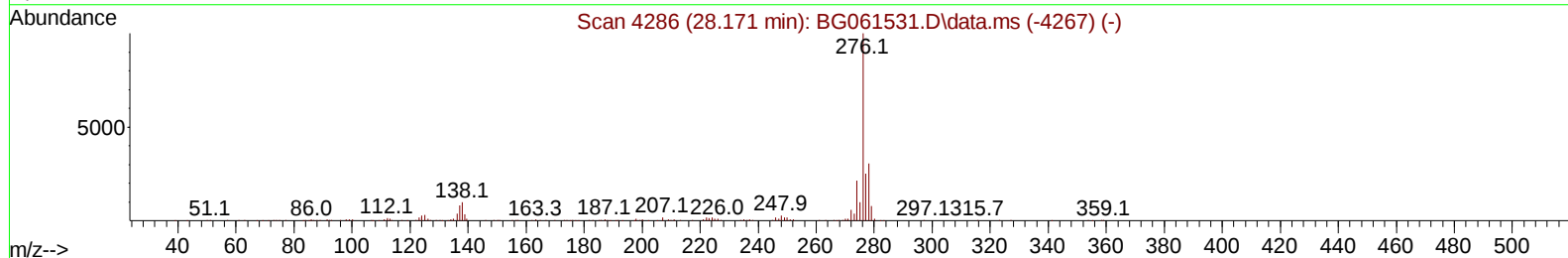
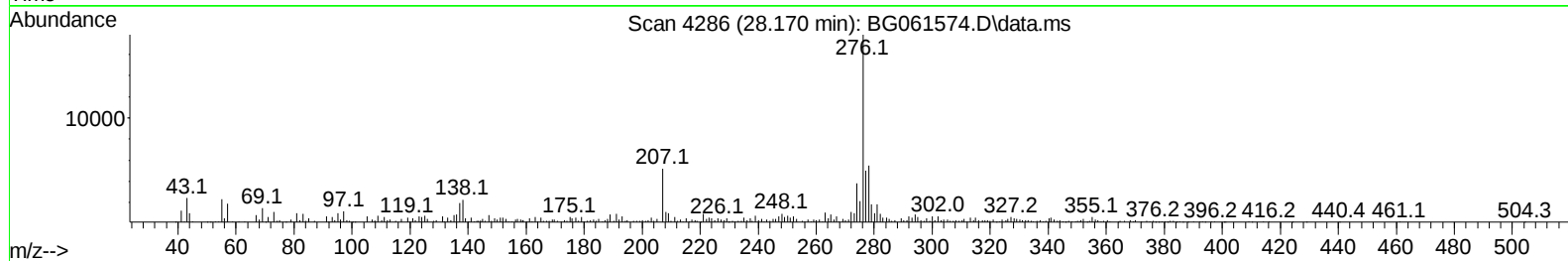
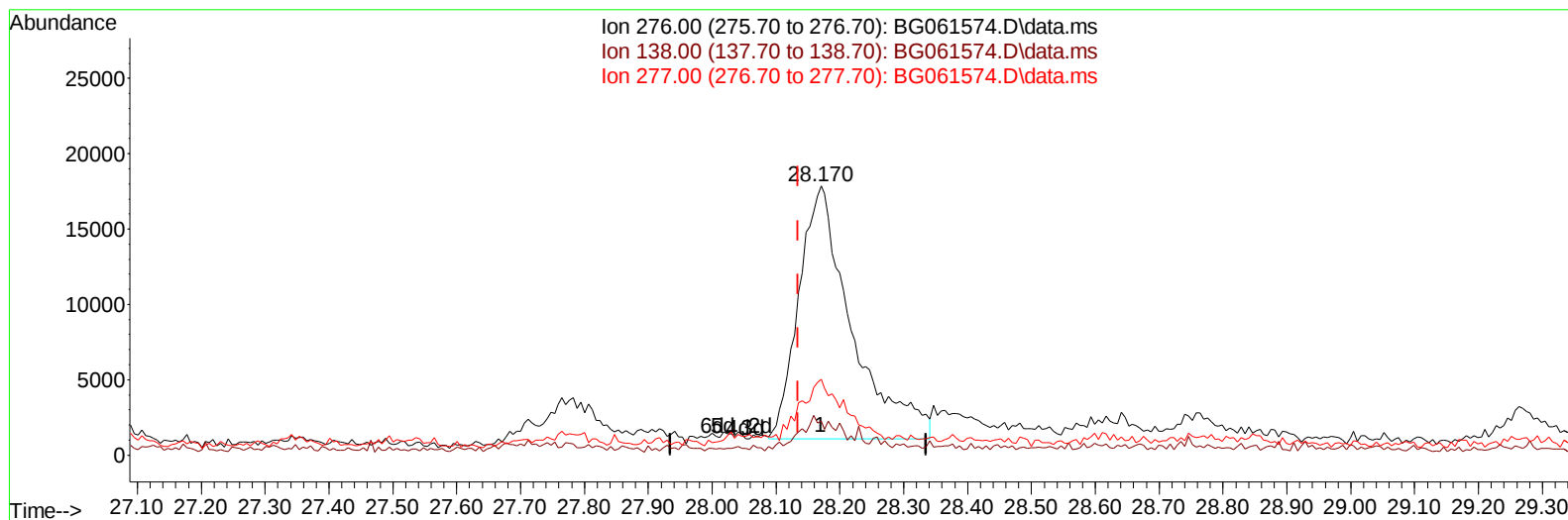
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061574.D
 Acq On : 8 Jun 2024 21:00
 Operator : MA/JU
 Sample : P2647-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBT1

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:34:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061574.D\data.ms

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

28.170min (+ 0.036) 6.54 ng/u1 m

response 96862

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.70
277.00	24.60	28.16
0.00	0.00	0.00

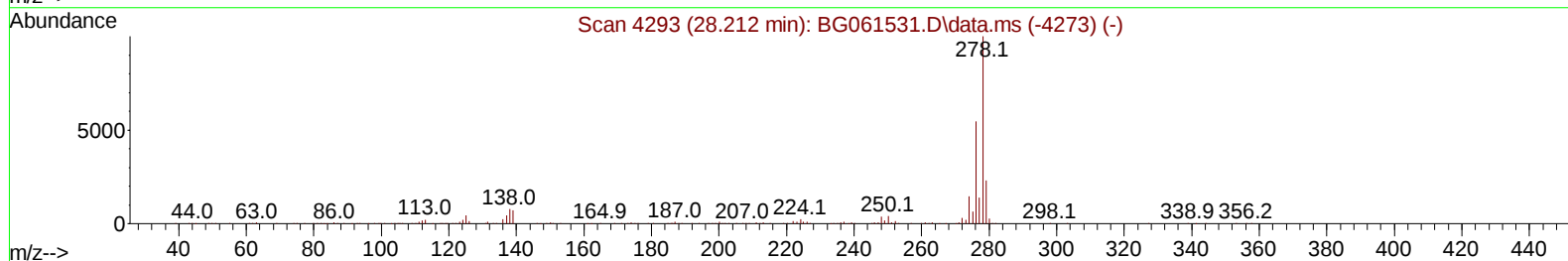
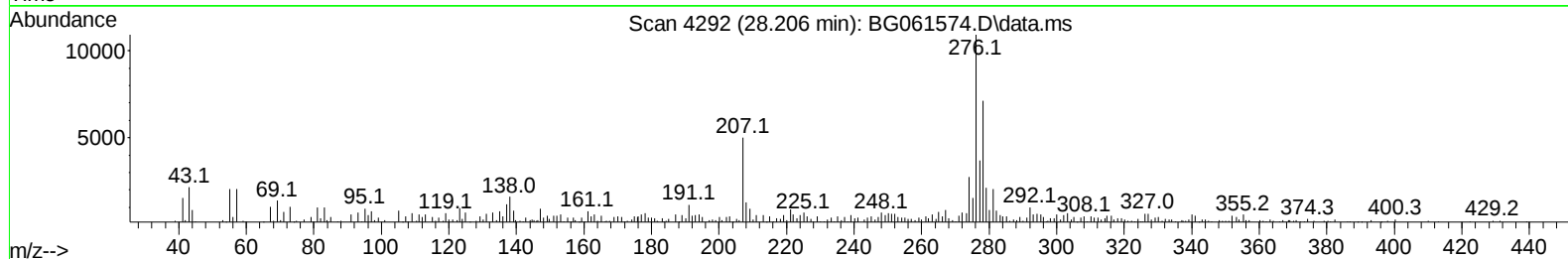
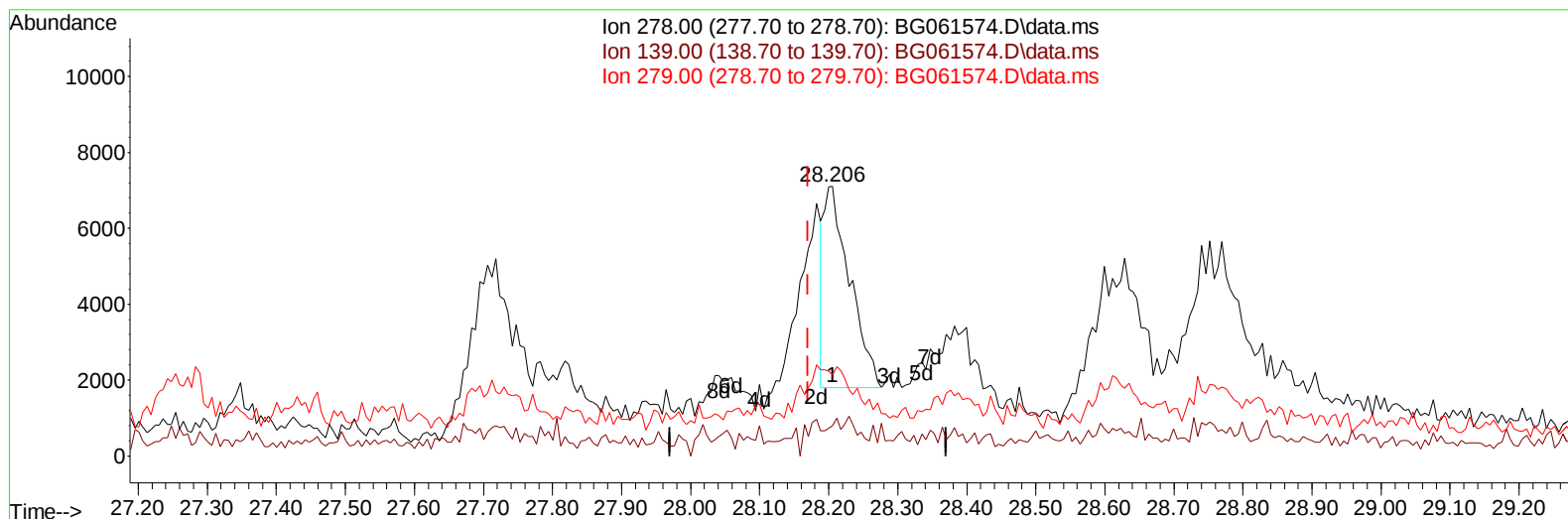
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061574.D
Acq On : 8 Jun 2024 21:00
Operator : MA/JU
Sample : P2647-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBT1

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:35:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061574.D\data.ms

(95) Dibenzo(a,h)anthracene

28.206min (+ 0.036) 1.12 ng/u1

response 13687

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	11.26#
279.00	24.90	30.10#
0.00	0.00	0.00

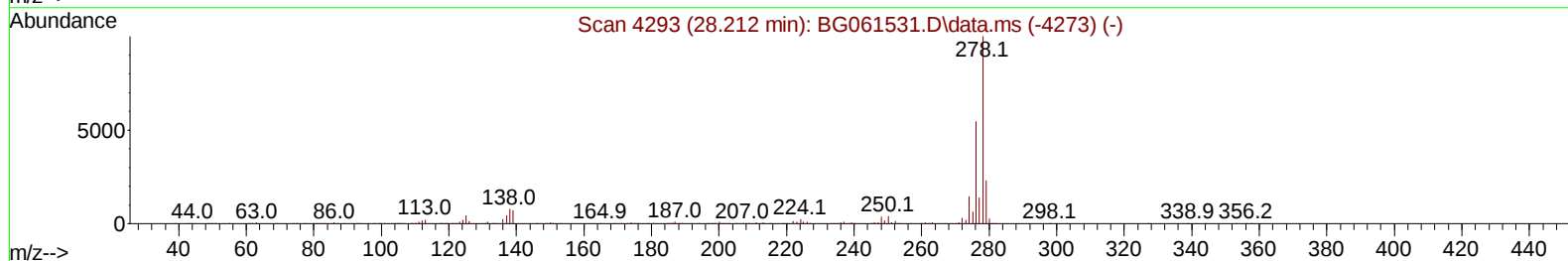
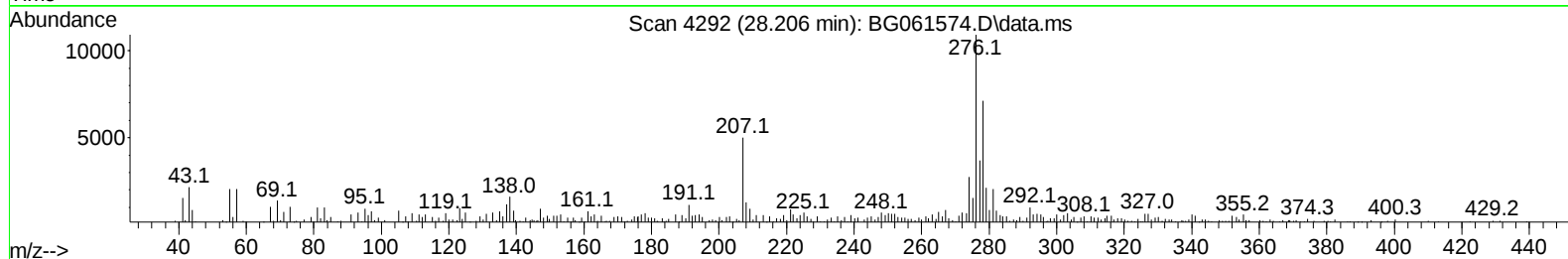
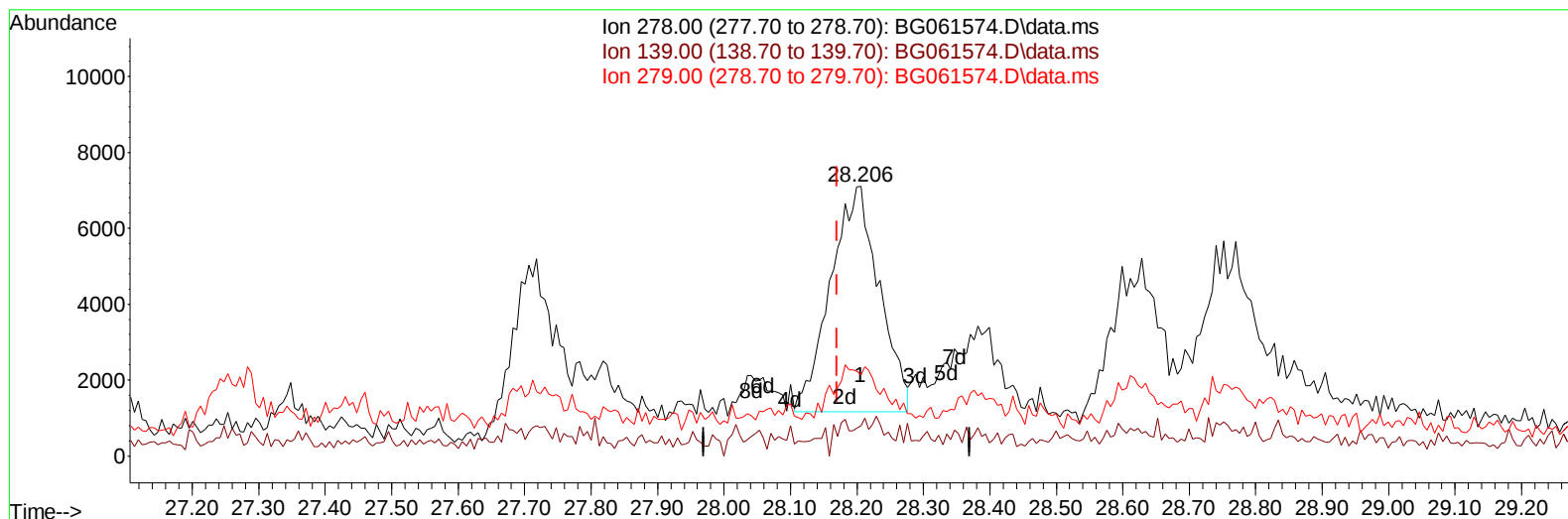
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061574.D
Acq On : 8 Jun 2024 21:00
Operator : MA/JU
Sample : P2647-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBT1

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:35:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061574.D\data.ms

(95) Dibenzo(a,h)anthracene

28.206min (+ 0.036) 2.47 ng/u1 m

response 30102

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	11.26#
279.00	24.90	30.10#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061574.D
 Acq On : 8 Jun 2024 21:00
 Operator : MA/JU
 Sample : P2647-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBT1

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:36:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152		27697	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136		108599	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164		81560	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188		190195	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240		204141	20.000	ng/ul	0.00
88) Perylene-d12	24.633	264		216473	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.329	96		1739	3.514	ng/uL	-0.03
4) Pyridine-d5	3.740	84		15912	9.037	ng/ul	-0.03
7) Phenol-d5	7.072	99		55957	24.602	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67		31644	22.135	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.412	132		46453	27.596	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113		47162	24.317	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128		23548	28.163	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.757	143		27803	28.412	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165		55339	29.008	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131		15867	6.357	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166		163811	25.896	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160		181021	27.526	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143		16700m	21.354	ng/ul	0.02
60) Fluorene-d10	15.509	176		147407	26.991	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.662	200		15884	13.808	ng/ul	0.01
73) Anthracene-d10	17.365	188		234941	28.019	ng/ul	0.00
81) Pyrene-d10	19.663	212		263641	25.152	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.422	264		223044	21.432	ng/ul	0.02
Target Compounds							
						Qvalue	
30) Naphthalene	10.714	128		7561	1.319	ng/ul#	85
36) 2-Methylnaphthalene	12.330	142		5050	1.215	ng/ul	91
37) 1-Methylnaphthalene	12.548	142		5264	1.234	ng/ul#	85
52) Acenaphthene	14.575	153		6508	1.360	ng/ul	97
56) Dibenzofuran	14.909	168		7280	1.064	ng/ul	93
61) Fluorene	15.562	166		9564	1.616	ng/ul#	95
72) Phenanthrene	17.307	178		215086	23.300	ng/ul	99
74) Anthracene	17.401	178		32917	3.449	ng/ul	99
77) Carbazole	17.677	167		15466	1.992	ng/ul	95
80) Fluoranthene	19.328	202		454684	36.160	ng/ul	98
82) Pyrene	19.692	202		374286	28.676	ng/ul	97
83) Butylbenzylphthalate	20.573	149		16060	3.582	ng/ul	99
85) Benzo(a)anthracene	21.508	228		249273	17.697	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.414	149		72954	10.992	ng/ul#	98
87) Chrysene	21.572	228		279921	21.582	ng/ul	95
90) Benzo(b)fluoranthene	23.652	252		342789	26.596	ng/ul	99
91) Benzo(k)fluoranthene	23.711	252		137823m	10.534	ng/ul	
93) Benzo(a)pyrene	24.492	252		137800	11.259	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.170	276		96862m	6.545	ng/ul	
95) Dibenzo(a,h)anthracene	28.206	278		30102m	2.467	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

BHBT1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/10/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061574.D
Acq On : 8 Jun 2024 21:00
Operator : MA/JU
Sample : P2647-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBT1

Manual IntegrationsAPPROVED

Quant Time: Jun 10 00:36:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

