

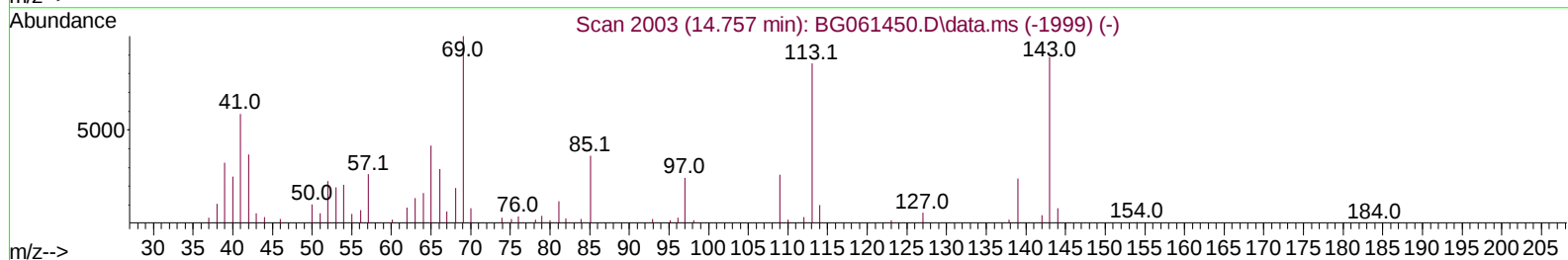
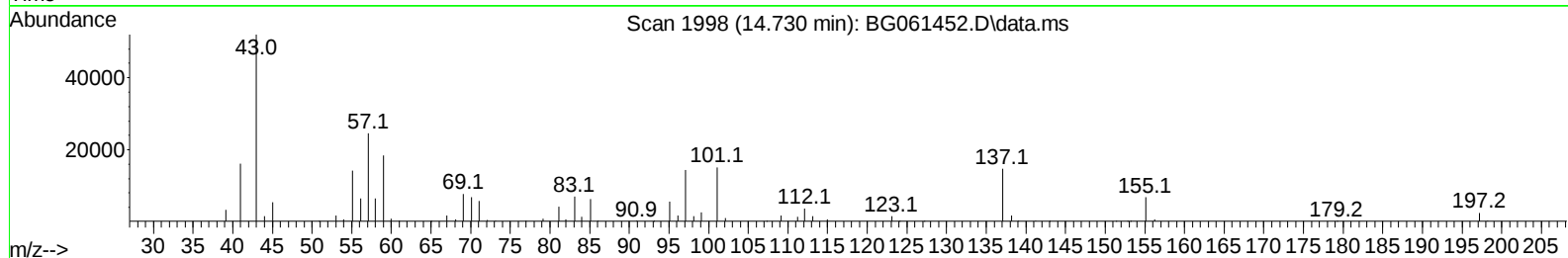
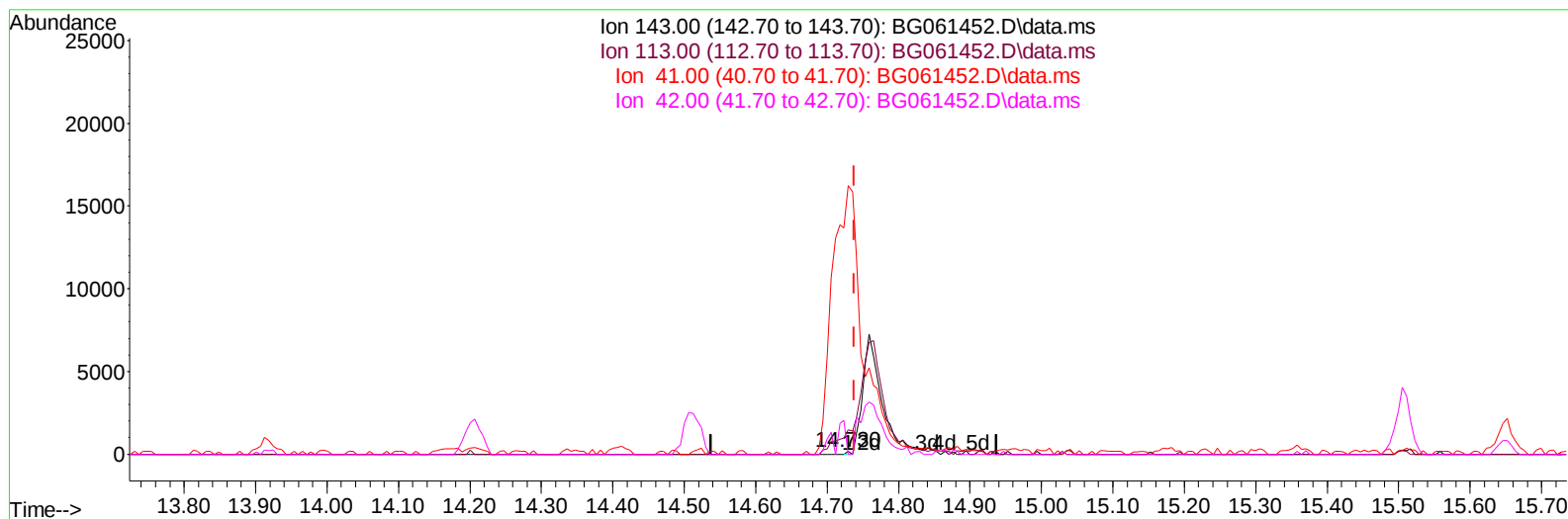
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061452.D
 Acq On : 4 Jun 2024 12:44
 Operator : MA/JU
 Sample : P2590-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBL3

Manual IntegrationsAPPROVED

Quant Time: Jun 04 13:25:40 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 06/07/2024



TIC: BG061452.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.730min (-0.008) 0.06 ng/u1

response 57

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	916.05#
41.00	77.10	10014.20#
42.00	49.50	0.00#

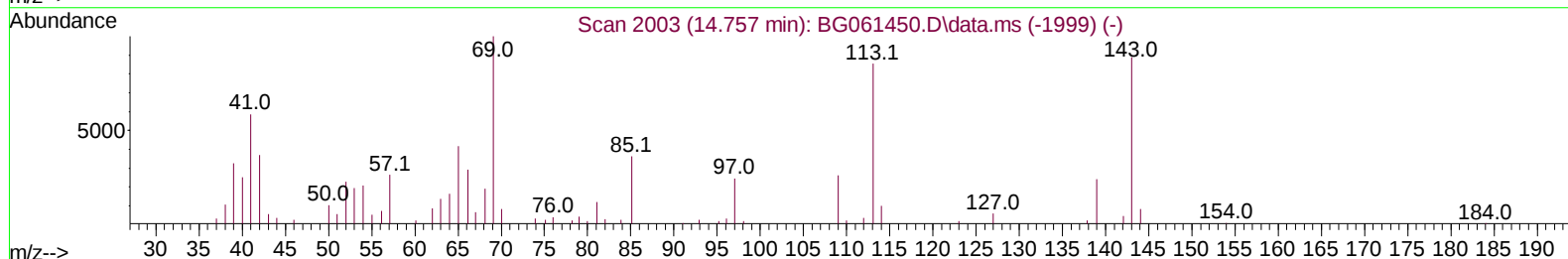
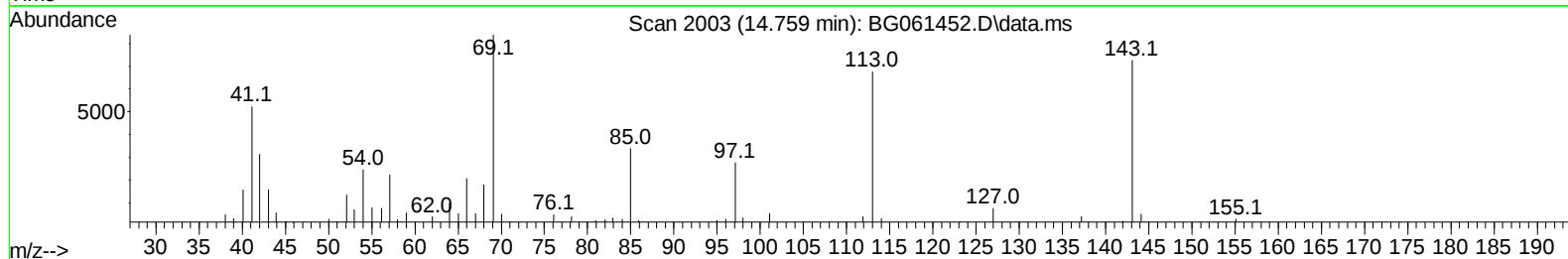
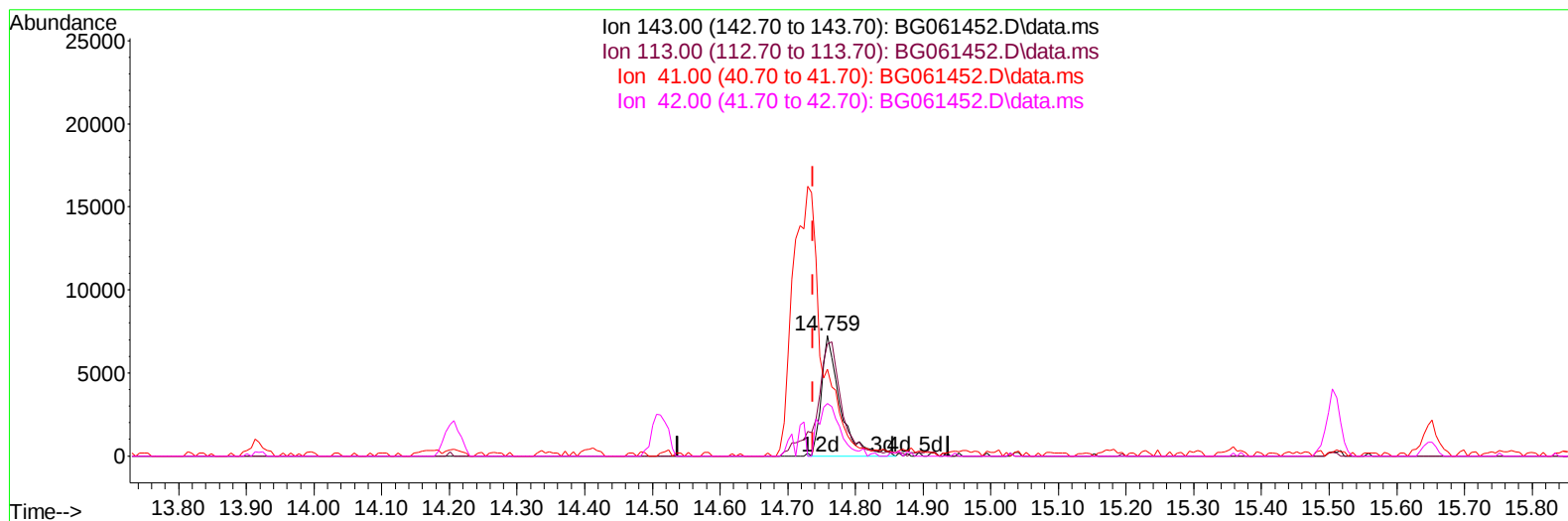
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061452.D
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TIC: BG061452.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.759min (+ 0.021) 13.42 ng/ul m

response 13899

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	93.33#
41.00	77.10	72.27
42.00	49.50	43.31

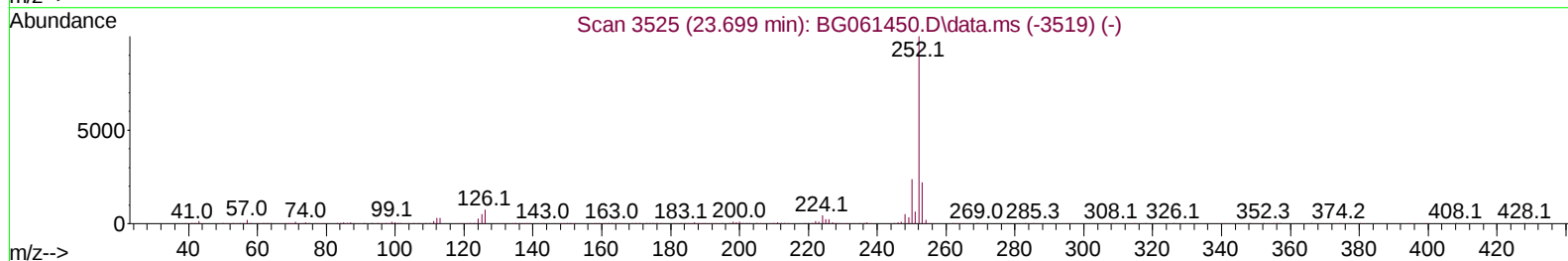
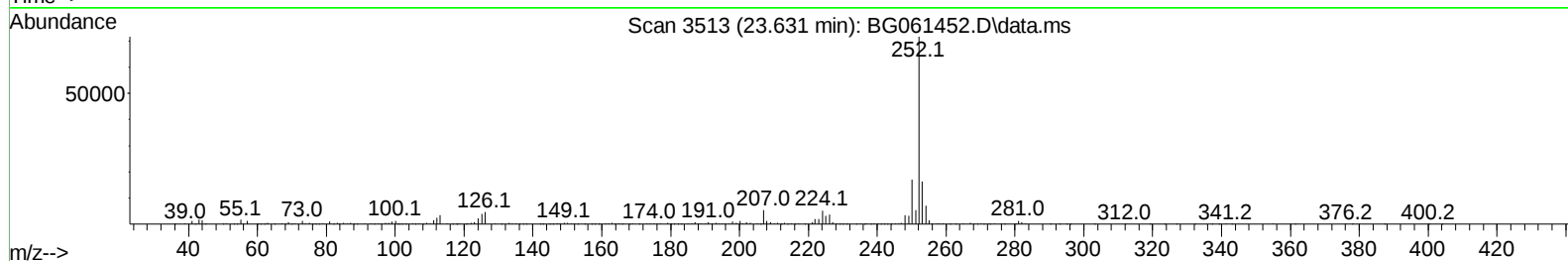
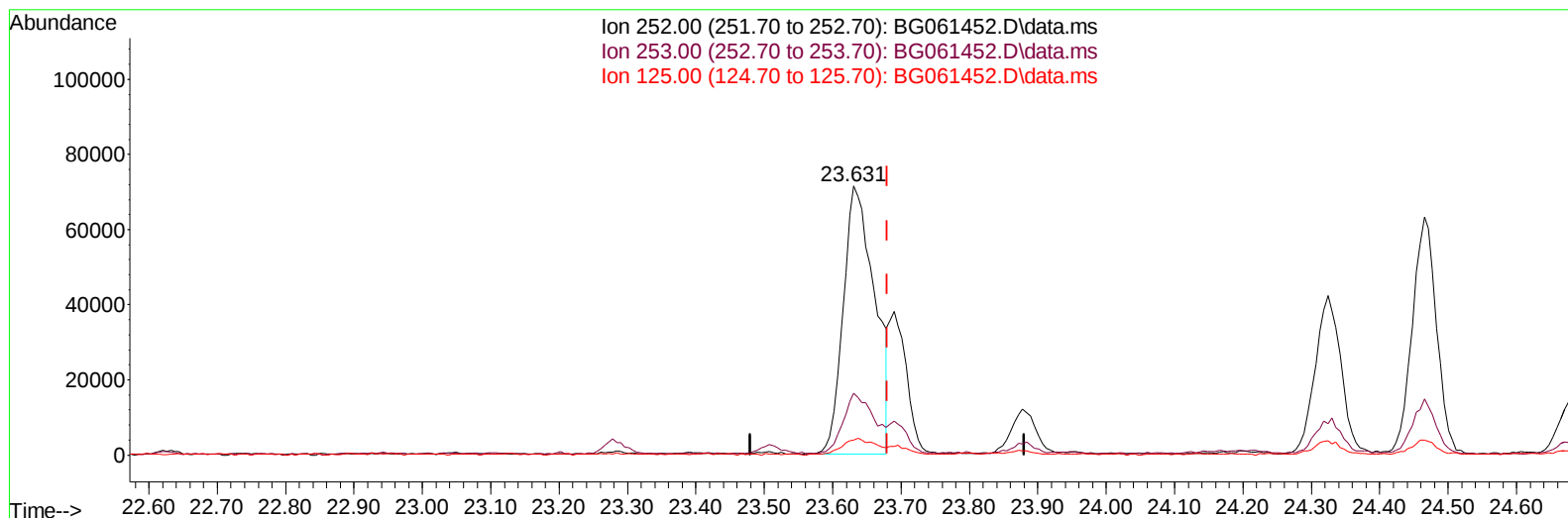
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Misc :
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Instrument :
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TIC: BG061452.D\data.ms

(91) Benzo(k)fluoranthene

23.631min (-0.049) 12.04 ng/u1

response 227042

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.90
125.00	5.40	5.48
0.00	0.00	0.00

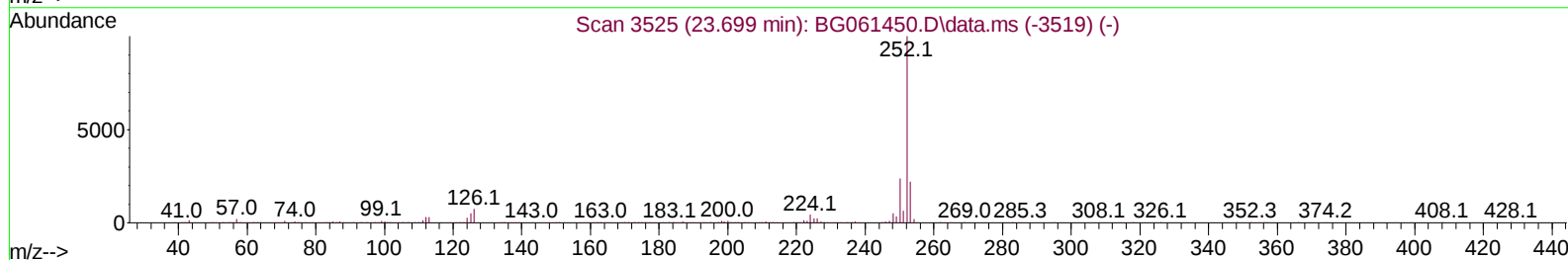
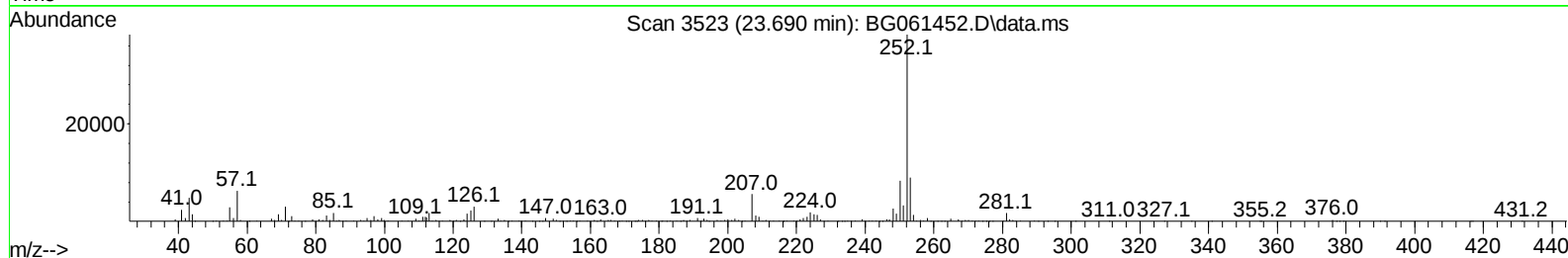
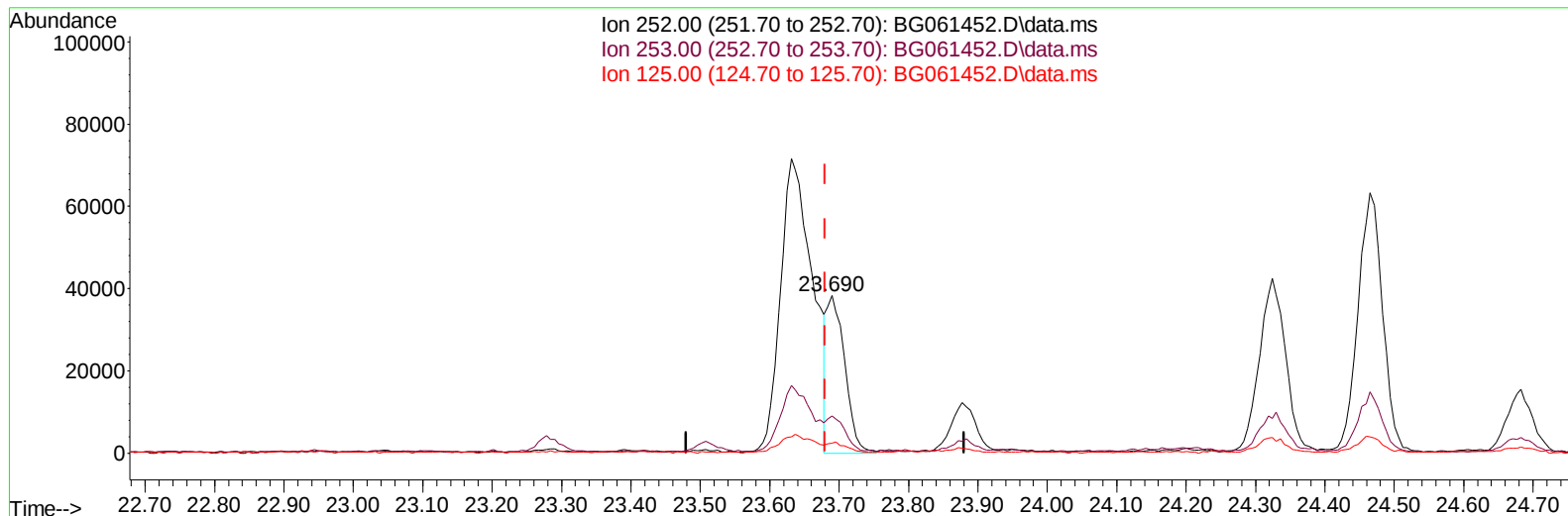
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BG061452.D\data.ms

(91) Benzo(k)fluoranthene

23.690min (+ 0.009) 3.65 ng/u1 m

response 68749

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.56
125.00	5.40	6.14
0.00	0.00	0.00

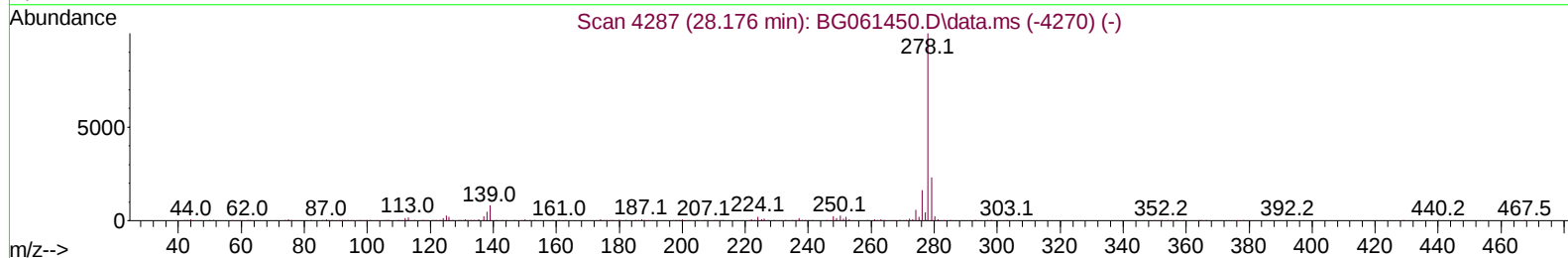
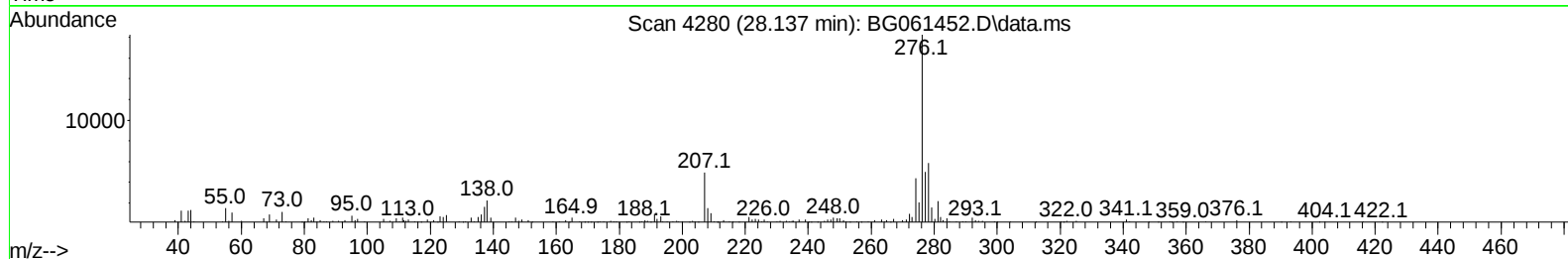
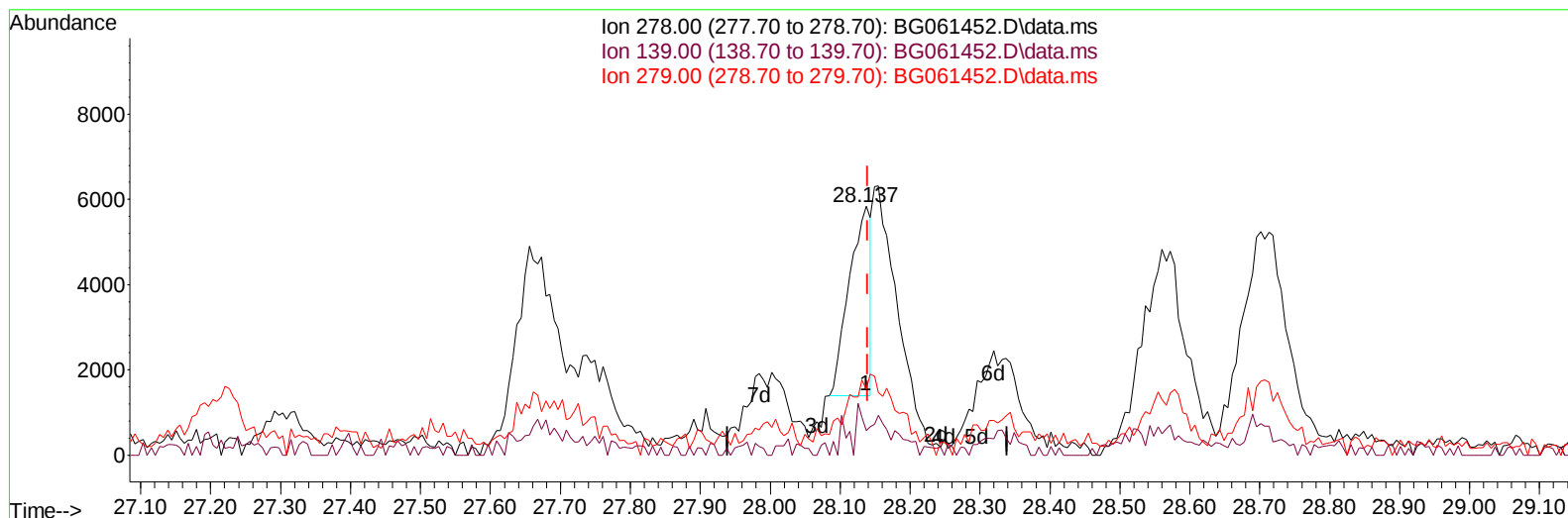
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Instrument :
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TIC: BG061452.D\data.ms

(95) Dibenzo(a,h)anthracene

28.137min (-0.002) 0.55 ng/u1

response 9615

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.91#
279.00	24.90	26.38
0.00	0.00	0.00

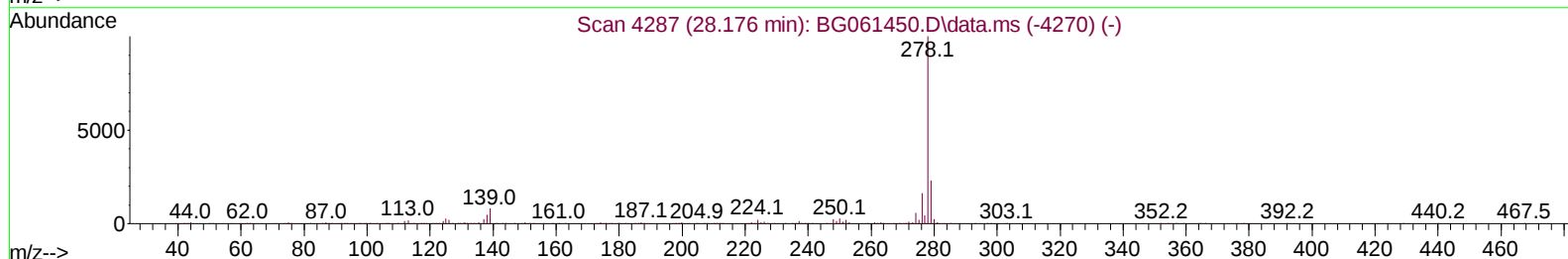
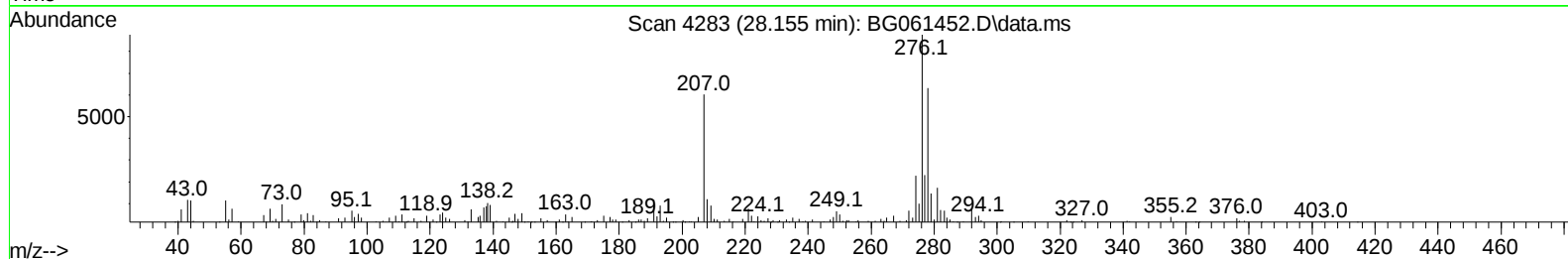
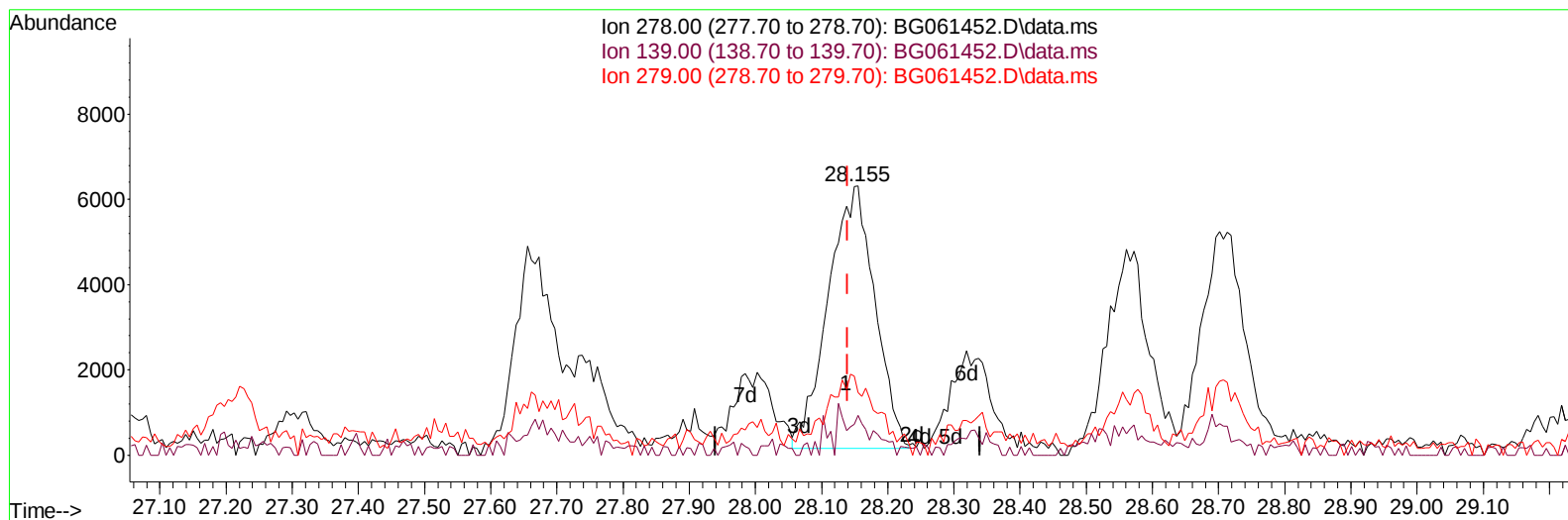
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061452.D
Acq On : 4 Jun 2024 12:44
Operator : MA/JU
Sample : P2590-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL3

Manual IntegrationsAPPROVED

Quant Time: Jun 04 13:25:40 2024
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TIC: BG061452.D\data.ms

(95) Dibenzo(a,h)anthracene

28.155min (+ 0.015) 1.72 ng/ul m

response 30269

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	14.72#
279.00	24.90	23.19
0.00	0.00	0.00

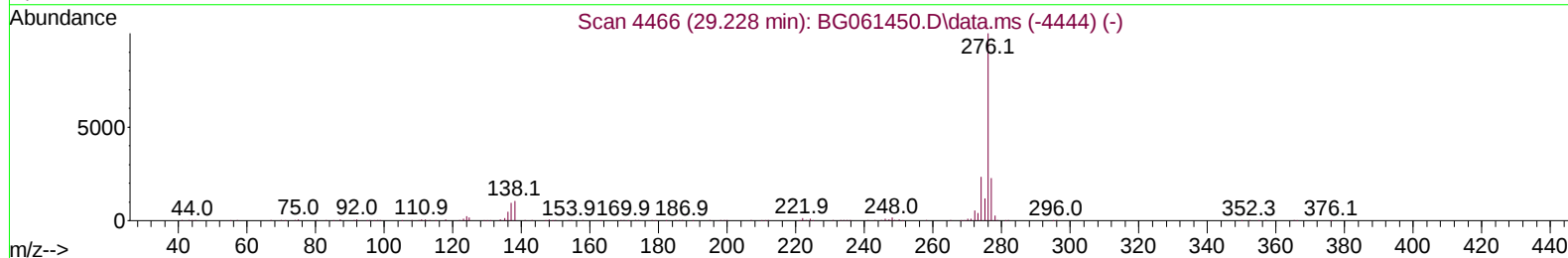
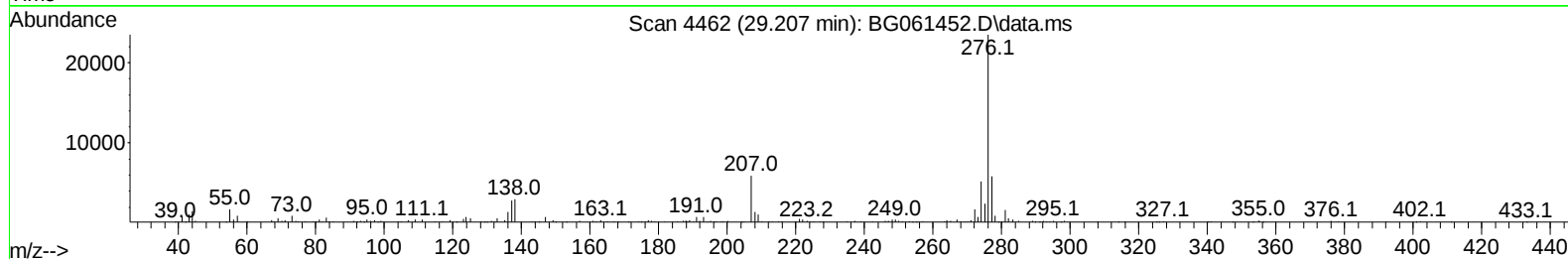
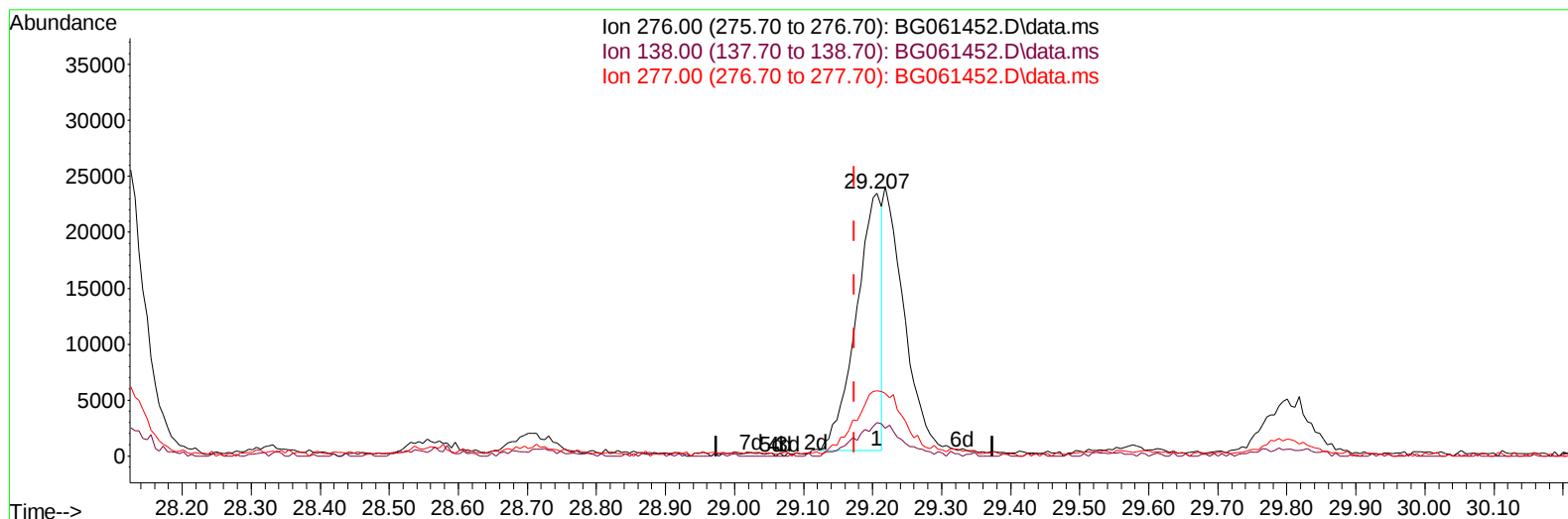
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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 Misc :
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Instrument :
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TIC: BG061452.D\data.ms

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

29.207min (+ 0.033) 3.50 ng/u1

response 59296

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.79
277.00	22.70	24.76
0.00	0.00	0.00

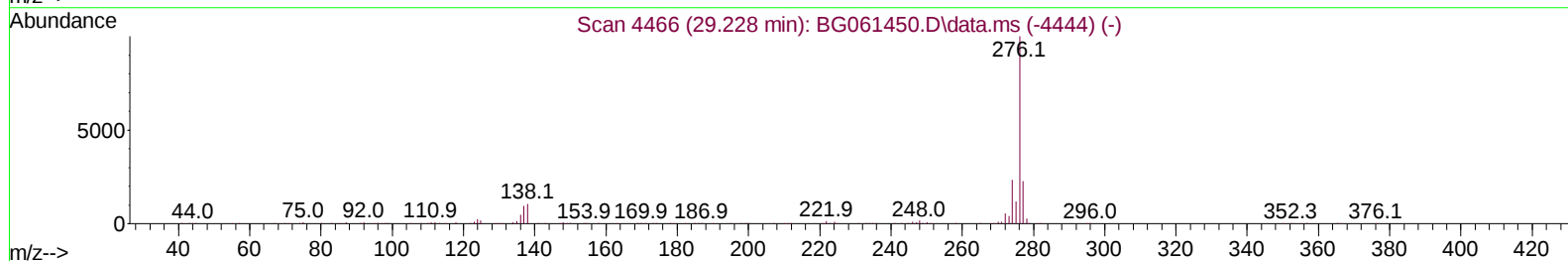
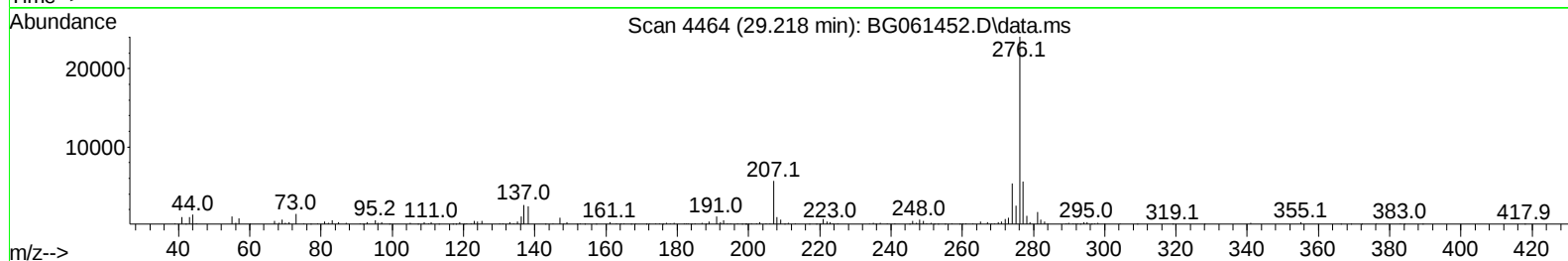
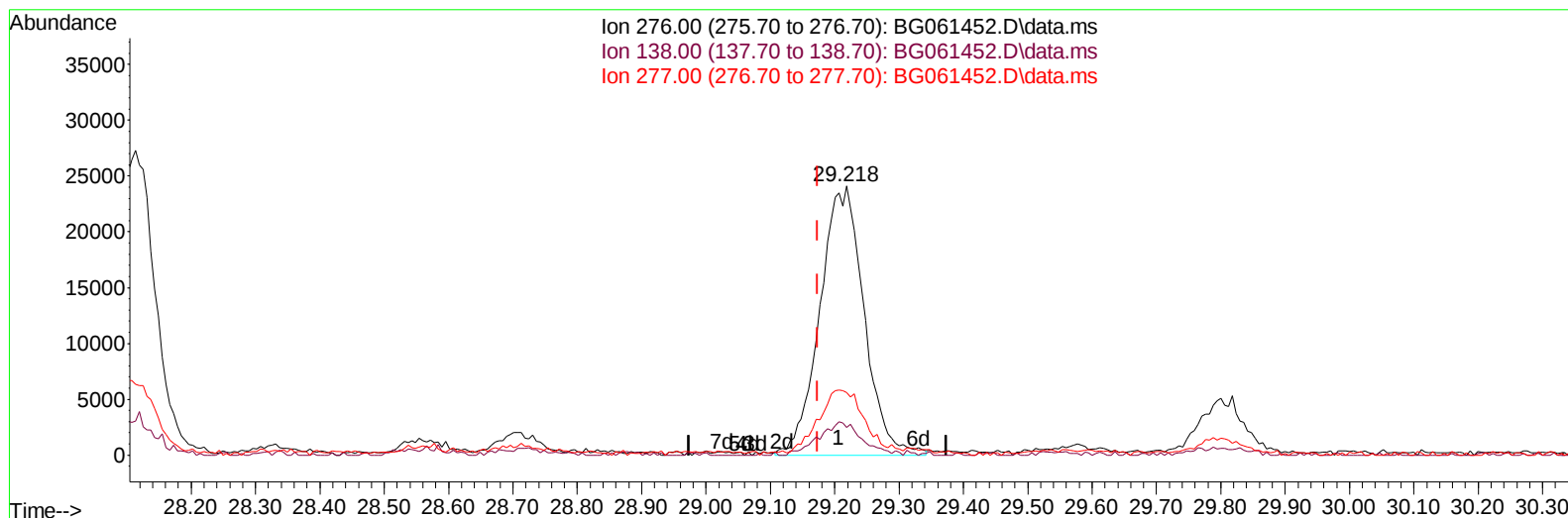
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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Operator : MA/JU
Sample : P2590-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 04 13:25:40 2024
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Supervised By :mohammad ahmed 06/07/2024



TIC: BG061452.D\data.ms

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

29.218min (+ 0.045) 6.74 ng/u1 m

response 114264

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.22
277.00	22.70	23.33
0.00	0.00	0.00

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 Sample : P2590-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 BHBL3

Manual IntegrationsAPPROVED

Quant Time: Jun 04 13:28:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	31319	20.000	ng/ul	0.00
20) Naphthalene-d8	10.670	136	133553	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.512	164	108032	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	263395	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	274182	20.000	ng/ul	0.00
88) Perylene-d12	24.612	264	311871	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	2459	4.394	ng/uL	0.00
4) Pyridine-d5	3.742	84	10366	5.207	ng/ul	0.00
7) Phenol-d5	7.062	99	52146	20.275	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	32100	19.857	ng/ul	0.00
11) 2-Chlorophenol-d4	7.415	132	40647	21.355	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	47474	21.647	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	25458	24.758	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	29203	24.267	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	61094	26.041	ng/ul	0.00
31) 4-Chloroaniline-d4	10.811	131	35618	11.604	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166	212403	25.350	ng/ul	0.00
49) Acenaphthylene-d8	14.207	160	231874	26.619	ng/ul	0.00
54) 4-Nitrophenol-d4	14.759	143	13899m	13.418	ng/ul	0.02
60) Fluorene-d10	15.511	176	190066	26.275	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	29025	18.220	ng/ul	0.02
73) Anthracene-d10	17.362	188	300751	25.899	ng/ul	0.00
81) Pyrene-d10	19.659	212	377454	26.812	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.401	264	404223	26.960	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.303	178	103143	8.068	ng/ul	99
80) Fluoranthene	19.324	202	277181	16.412	ng/ul	100
82) Pyrene	19.683	202	274452	15.656	ng/ul	100
85) Benzo(a)anthracene	21.498	228	147647	7.804	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	10914	1.224	ng/ul#	95
87) Chrysene	21.563	228	169150	9.710	ng/ul	93
90) Benzo(b)fluoranthene	23.631	252	227042	12.227	ng/ul	99
91) Benzo(k)fluoranthene	23.690	252	68749m	3.647	ng/ul	
93) Benzo(a)pyrene	24.465	252	155429	8.815	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.114	276	111314	5.220	ng/ul	98
95) Dibenzo(a,h)anthracene	28.155	278	30269m	1.722	ng/ul	
96) Benzo(g,h,i)perylene	29.218	276	114264m	6.736	ng/ul	

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

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