

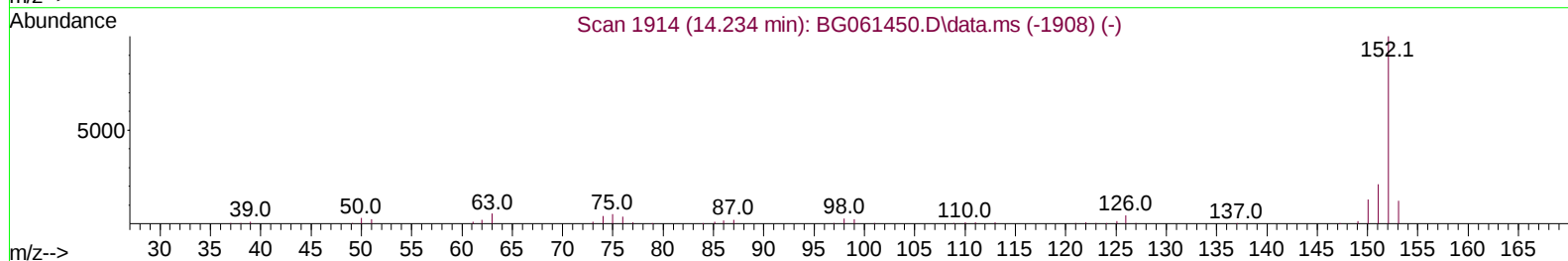
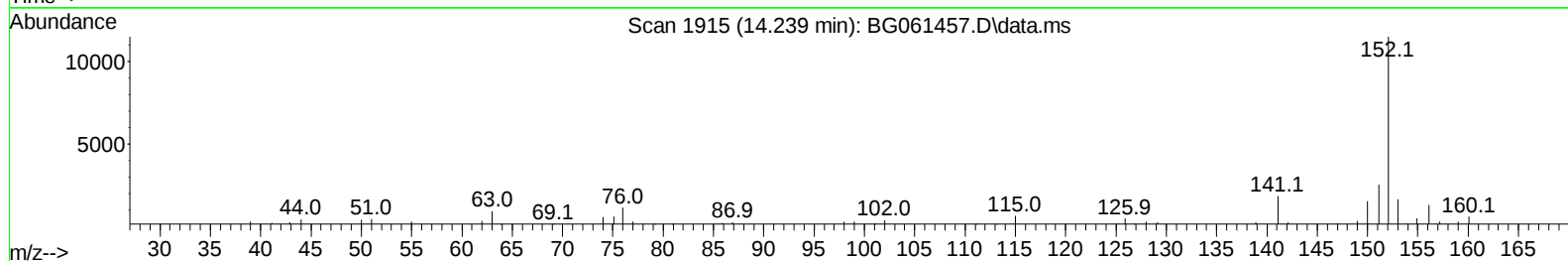
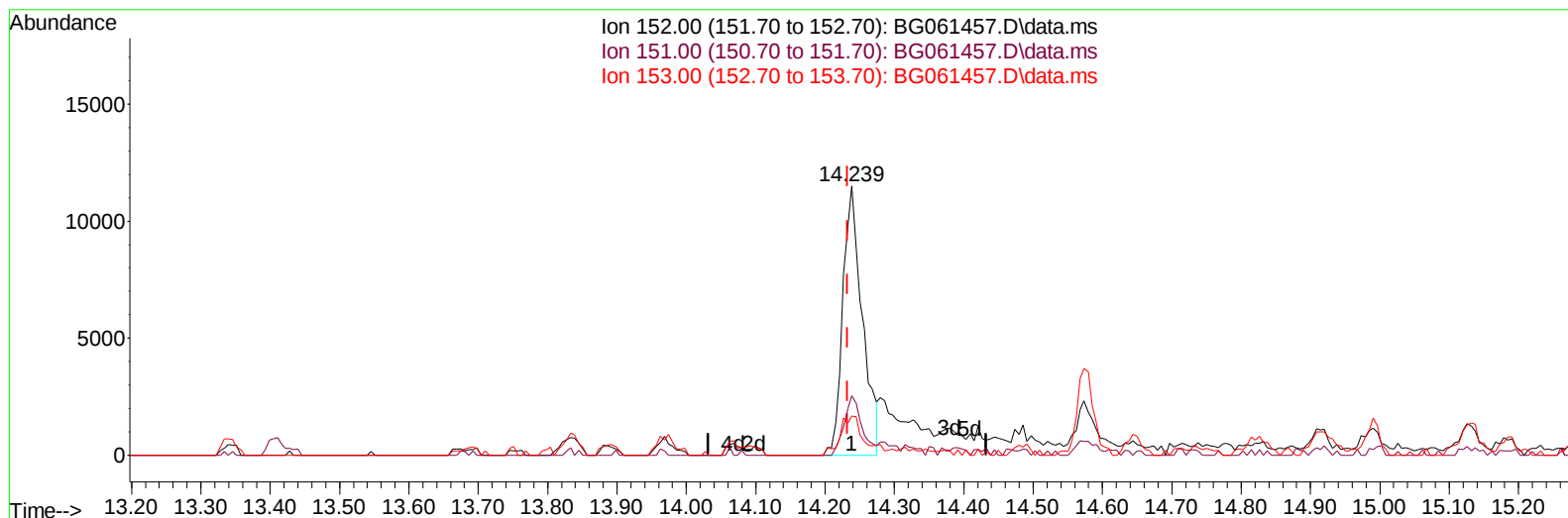
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061457.D
 Acq On : 4 Jun 2024 16:12
 Operator : MA/JU
 Sample : P2590-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM5

Manual IntegrationsAPPROVED

Quant Time: Jun 04 16:44:41 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 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061457.D\data.ms

(50) Acenaphthylene

14.239min (+ 0.006) 2.84 ng/u1

response 22407

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	22.12
153.00	12.80	14.52
0.00	0.00	0.00

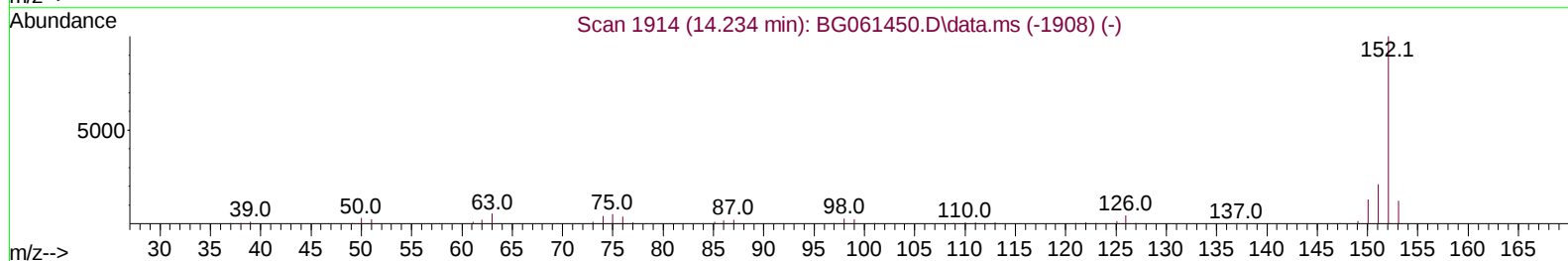
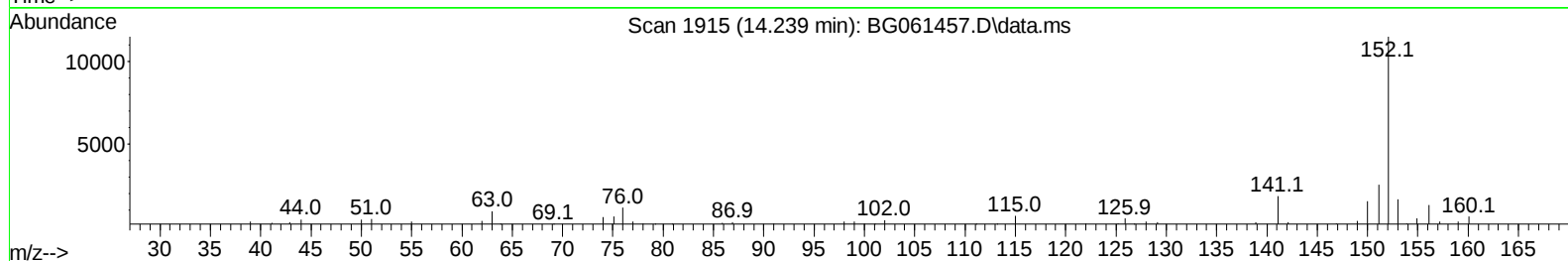
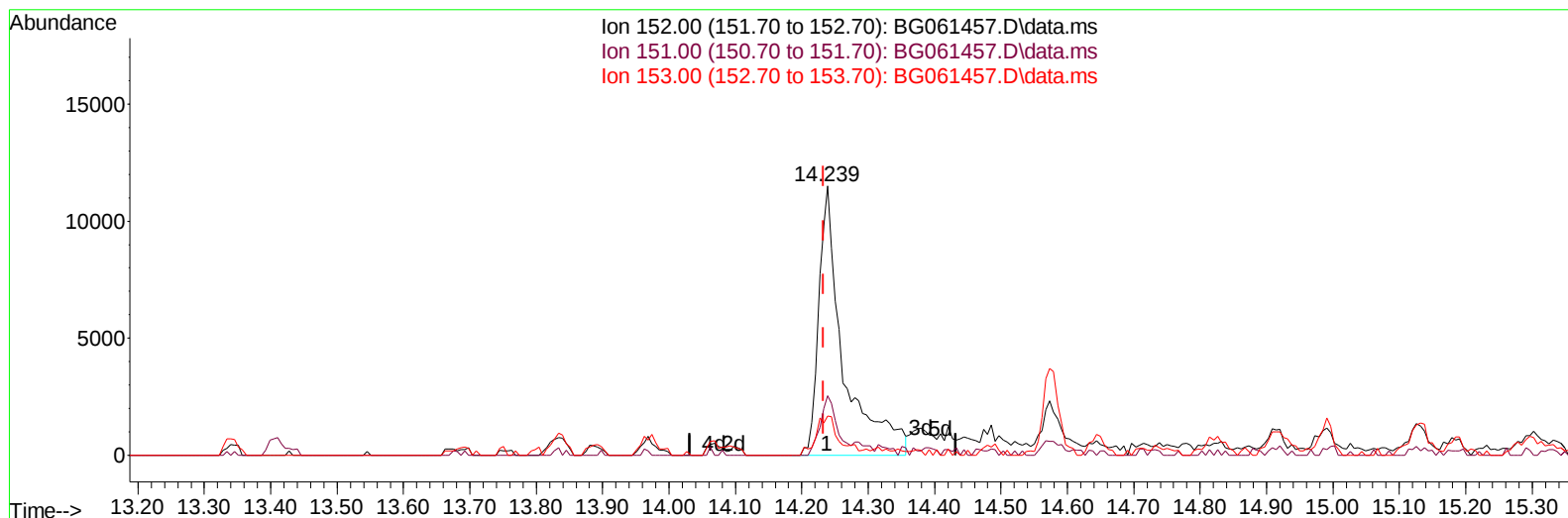
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(50) Acenaphthylene

14.239min (+ 0.006) 3.78 ng/ul m

response 29787

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	22.12
153.00	12.80	14.52
0.00	0.00	0.00

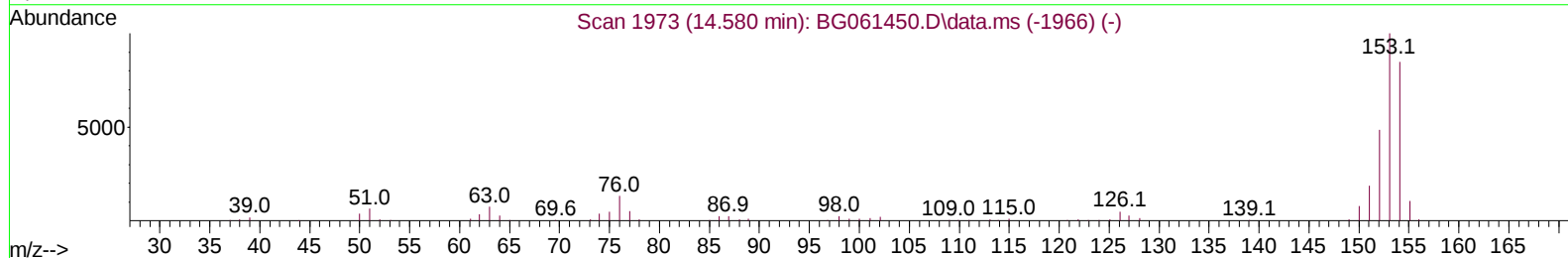
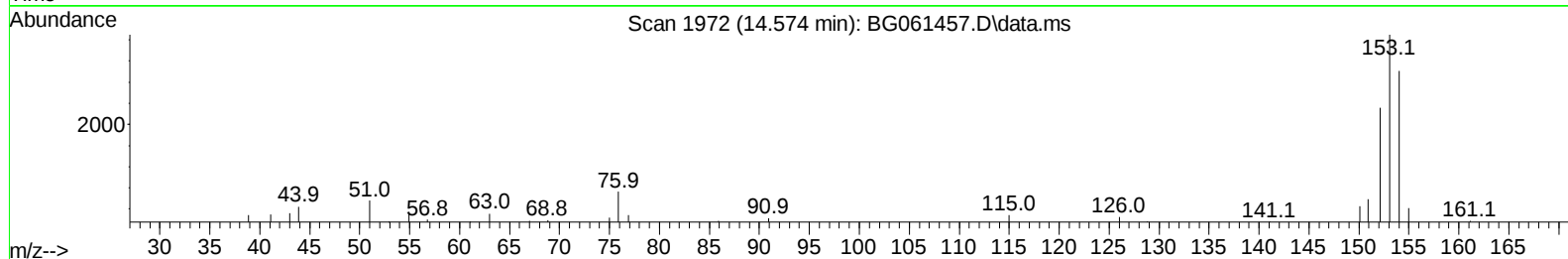
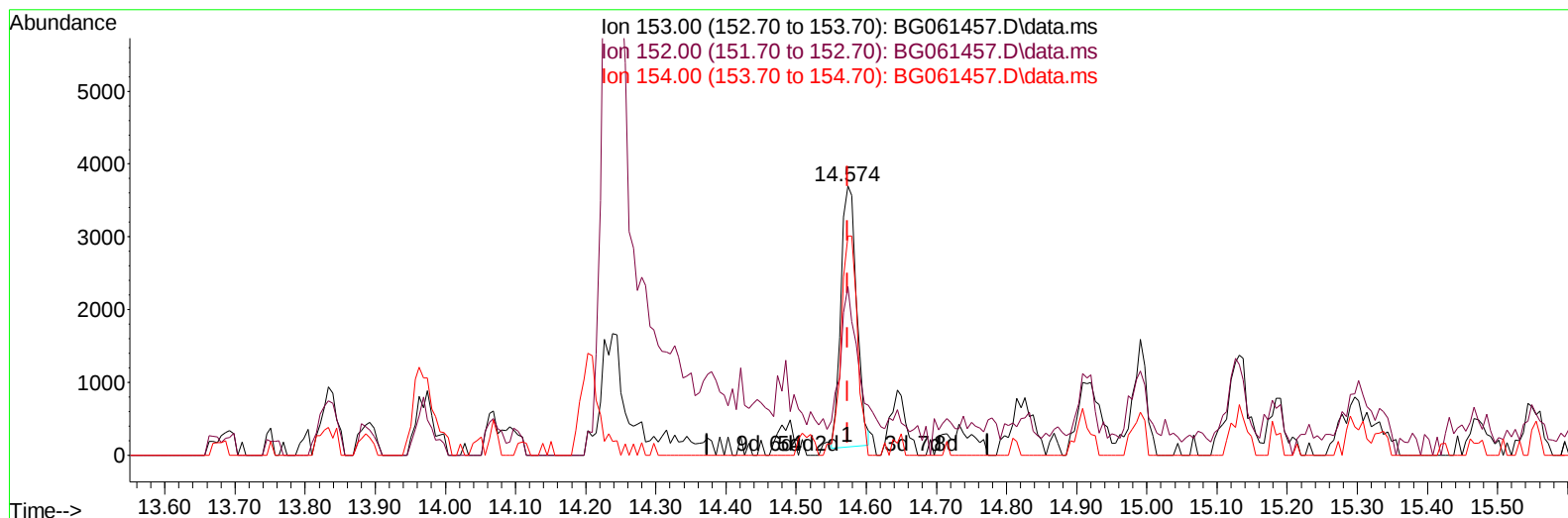
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Data File : BG061457.D
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Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG061457.D\data.ms

(52) Acenaphthene (C)

14.574min (+ 0.000) 1.09 ng/u1

response 5628

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	47.30	62.58#
154.00	86.30	81.49
0.00	0.00	0.00

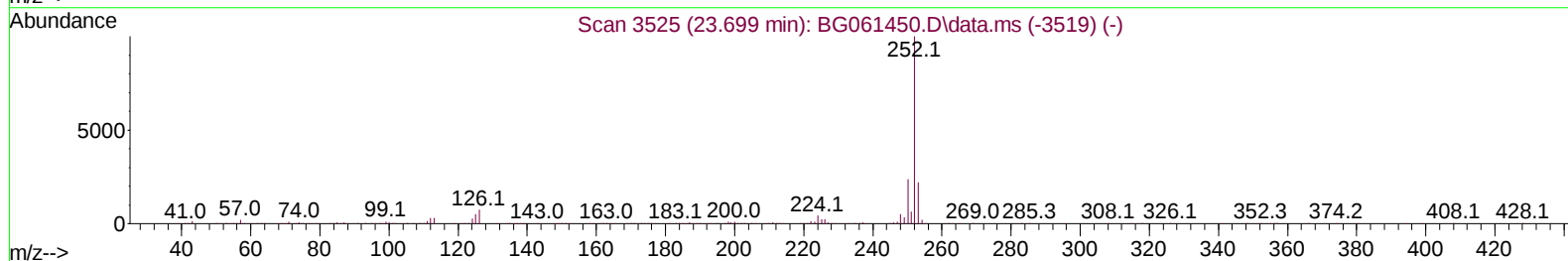
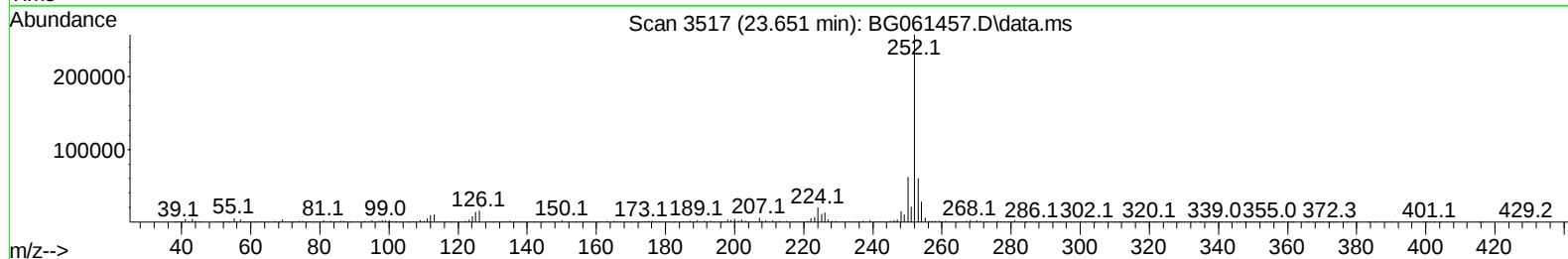
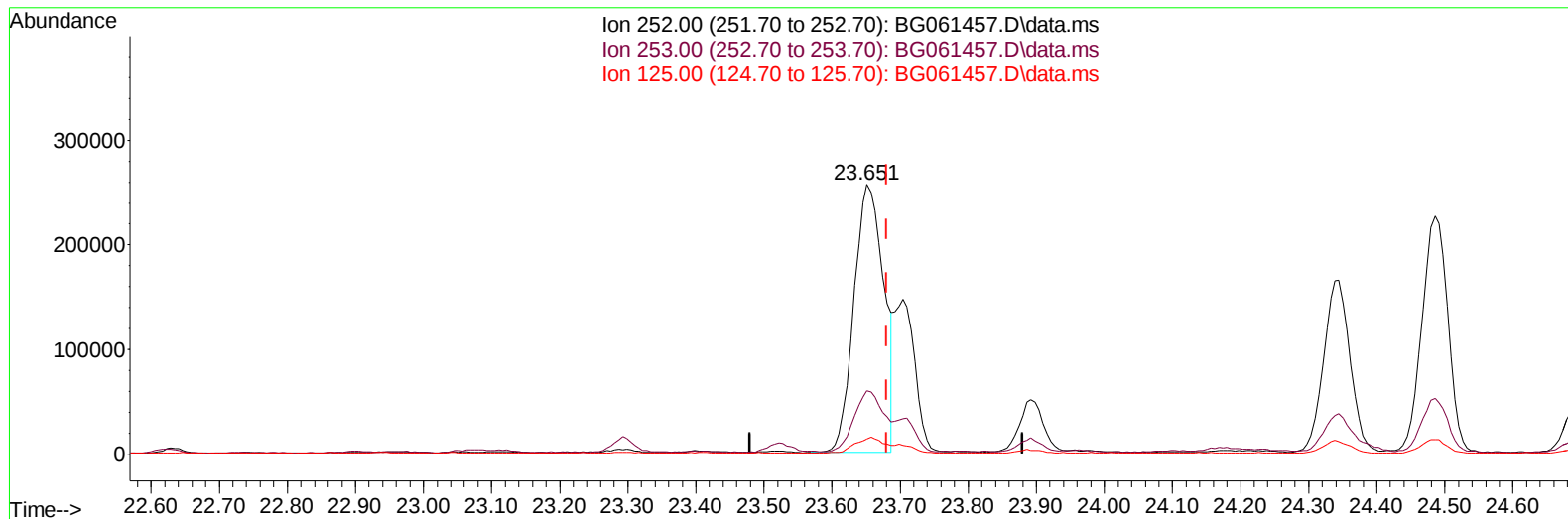
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Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG061457.D\data.ms

(91) Benzo(k)fluoranthene

23.651min (-0.029) 52.78 ng/u1

response 782533

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.53
125.00	5.40	5.50
0.00	0.00	0.00

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

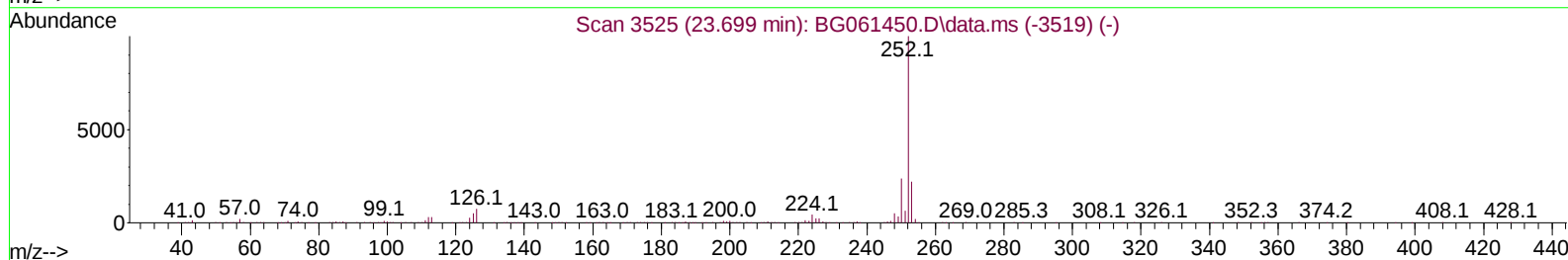
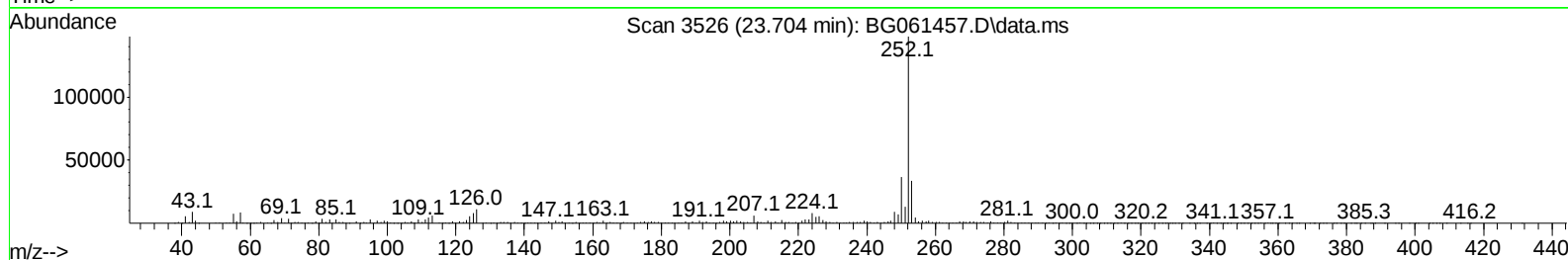
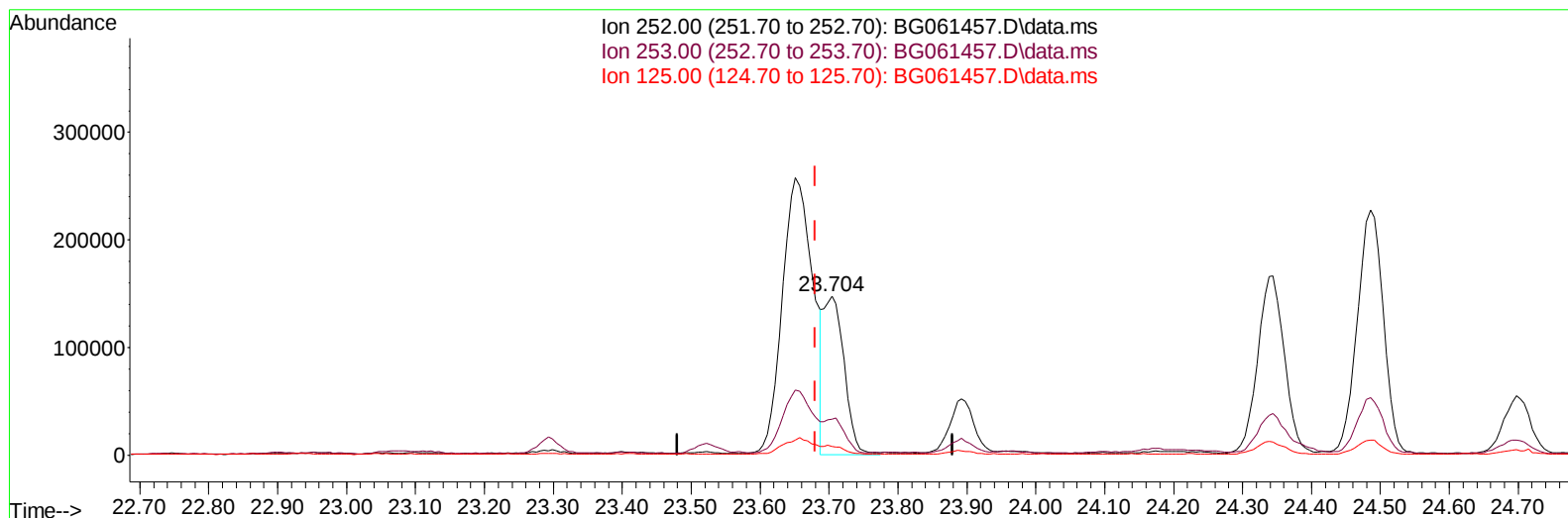
ClientSampleId :

BHBM5

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TIC: BG061457.D\data.ms

(91) Benzo(k)fluoranthene

23.704min (+ 0.024) 20.82 ng/ul m

response 308695

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.71
125.00	5.40	5.61
0.00	0.00	0.00

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 Sample : P2590-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	27265	20.000	ng/ul	0.00
20) Naphthalene-d8	10.672	136	115849	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.515	164	88128	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	195934	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	209801	20.000	ng/ul	0.01
88) Perylene-d12	24.626	264	245310	20.000	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1641	3.368	ng/uL	0.00
4) Pyridine-d5	3.745	84	11497	6.633	ng/ul	0.00
7) Phenol-d5	7.065	99	56595	25.277	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	34519	24.528	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	45386	27.390	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	45982	24.085	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	22967	25.749	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	28304	27.114	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	56963	27.990	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	9412	3.535	ng/ul	0.01
46) Dimethylphthalate-d6	13.916	166	185314	27.112	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	203302	28.610	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	18397	21.771	ng/ul	0.02
60) Fluorene-d10	15.508	176	165735	28.086	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	25645	21.640	ng/ul	0.02
73) Anthracene-d10	17.364	188	267507	30.968	ng/ul	0.00
81) Pyrene-d10	19.662	212	328059	30.454	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.415	264	356425	30.222	ng/ul	0.03
Target Compounds						
					Qvalue	
30) Naphthalene	10.719	128	11589	1.895	ng/ul#	93
36) 2-Methylnaphthalene	12.329	142	6264	1.413	ng/ul	94
37) 1-Methylnaphthalene	12.552	142	6725	1.478	ng/ul	98
50) Acenaphthylene	14.239	152	29787m	3.780	ng/ul	
52) Acenaphthene	14.574	153	6258m	1.211	ng/ul	
56) Dibenzofuran	14.914	168	7735	1.047	ng/ul	100
61) Fluorene	15.561	166	15374	2.404	ng/ul	92
72) Phenanthrene	17.306	178	450595	47.382	ng/ul	99
74) Anthracene	17.394	178	38380	3.903	ng/ul	98
77) Carbazole	17.670	167	24460	3.058	ng/ul	93
78) Di-n-butylphthalate	18.228	149	10757	1.073	ng/ul#	93
80) Fluoranthene	19.327	202	966925	74.823	ng/ul	99
82) Pyrene	19.691	202	1065099	79.402	ng/ul	99
85) Benzo(a)anthracene	21.507	228	583013	40.273	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.413	149	17963	2.633	ng/ul#	83
87) Chrysene	21.571	228	677484	50.825	ng/ul	96
90) Benzo(b)fluoranthene	23.651	252	782533	53.578	ng/ul	98
91) Benzo(k)fluoranthene	23.704	252	308695m	20.819	ng/ul	
93) Benzo(a)pyrene	24.485	252	595845	42.962	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.158	276	414846	24.735	ng/ul	99
95) Dibenzo(a,h)anthracene	28.187	278	110432	7.985	ng/ul	93
96) Benzo(g,h,i)perylene	29.256	276	377005	28.256	ng/ul	98

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

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