

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061657.D
Acq On : 22 Jun 2024 20:33
Operator : MA/JU
Sample : P2776-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CA5

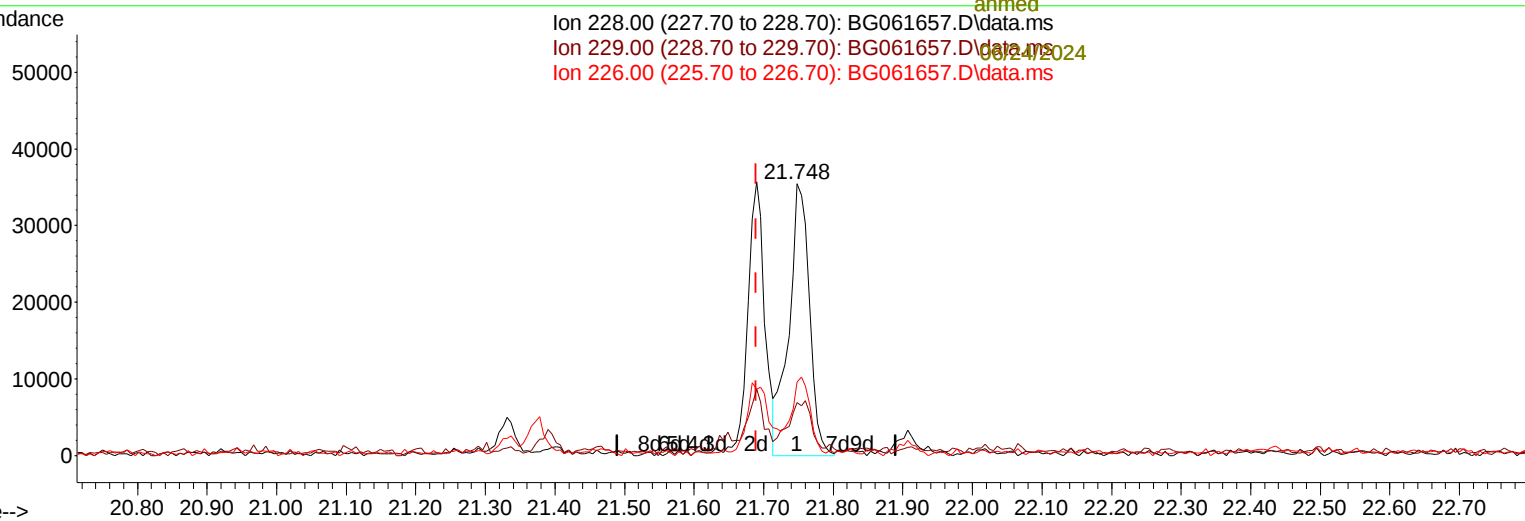
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

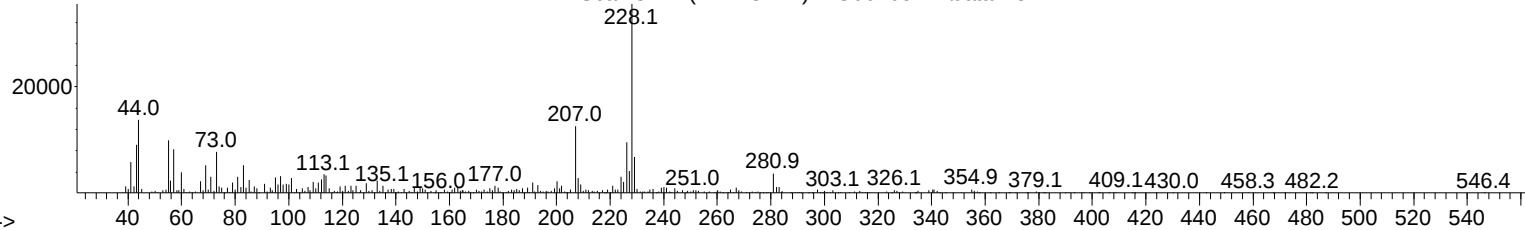
06/24/2024
Supervised By :mohammad
ahmed

Quant Time: Jun 23 00:17:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

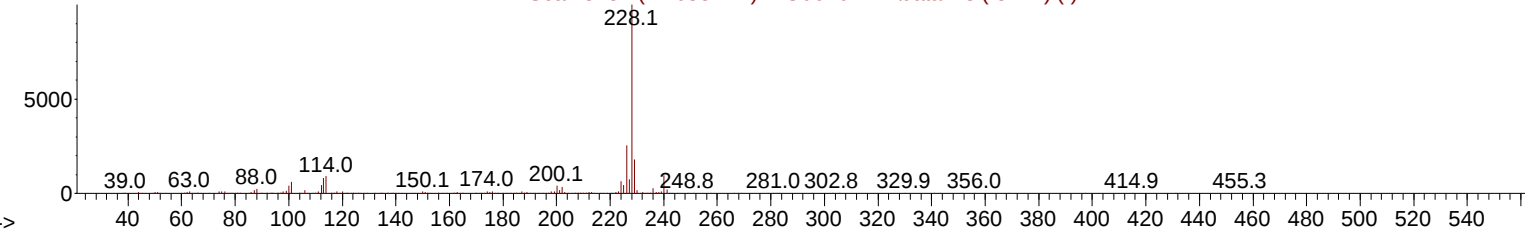
Ion 228.00 (227.70 to 228.70): BG061657.D\data.ms
Ion 229.00 (228.70 to 229.70): BG061657.D\data.ms
Ion 226.00 (225.70 to 226.70): BG061657.D\data.ms



Scan 3142 (21.748 min): BG061657.D\data.ms



Scan 3131 (21.688 min): BG061641.D\data.ms (-3122) (-)



TIC: BG061657.D\data.ms

(85) Benzo(a)anthracene

21.748min (+ 0.058) 2.24 ng/u1

response 72786

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	19.37
226.00	26.80	27.09
0.00	0.00	0.00

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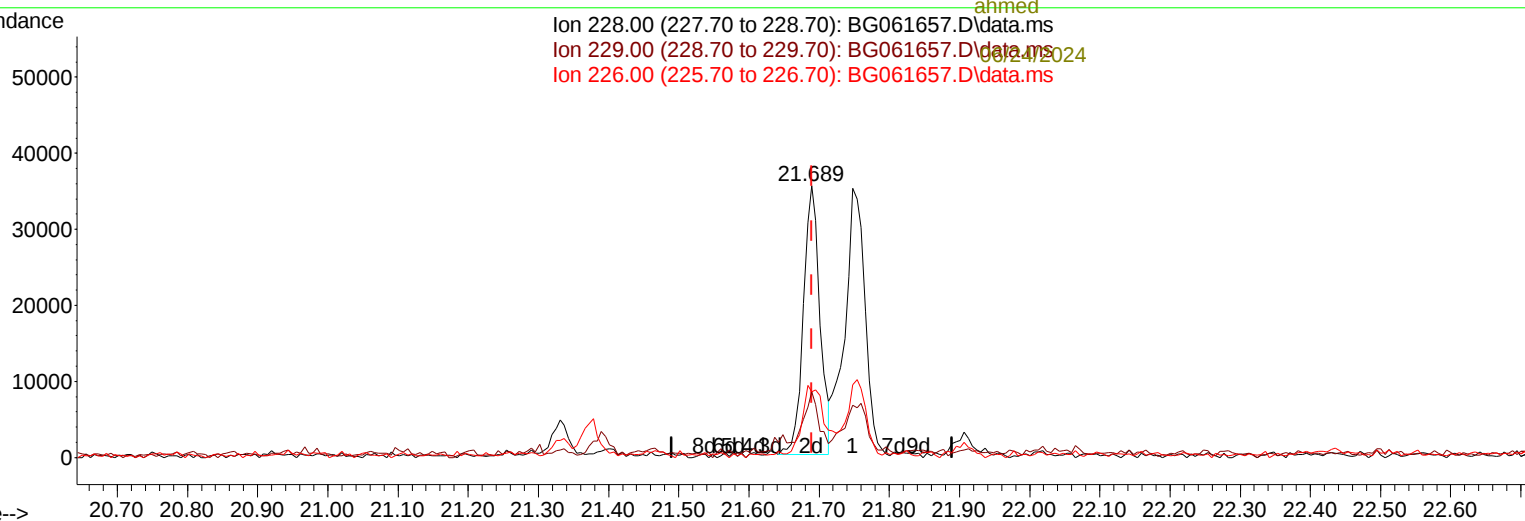
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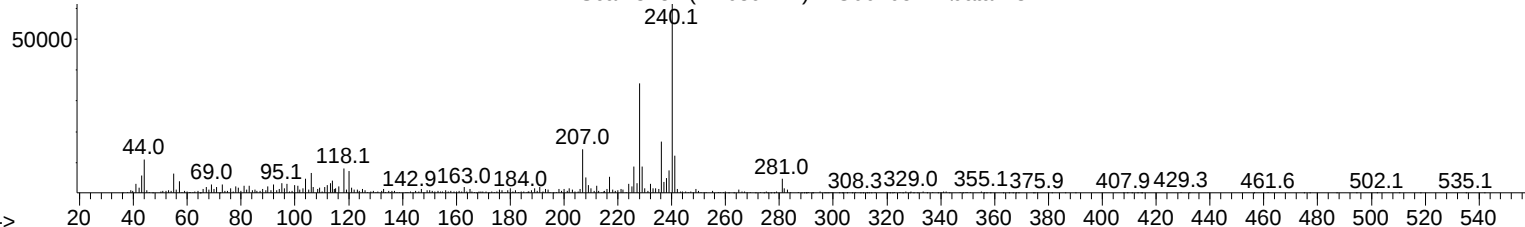
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 ahmed

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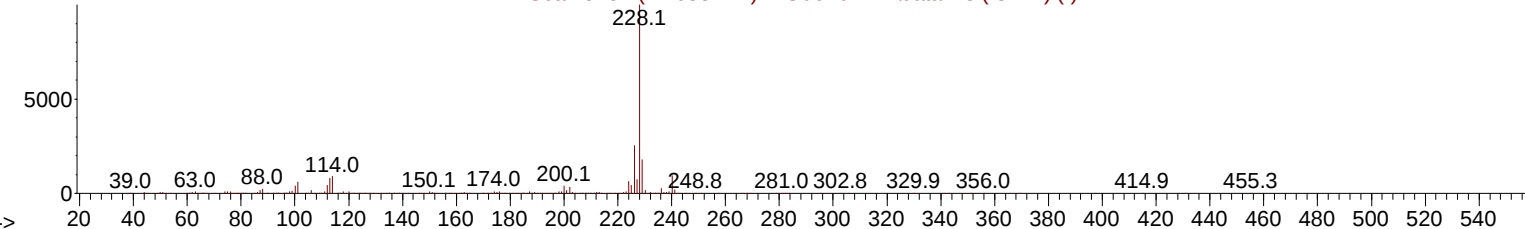
Ion 228.00 (227.70 to 228.70): BG061657.D\data.ms
 Ion 229.00 (228.70 to 229.70): BG061657.D\data.ms
 Ion 226.00 (225.70 to 226.70): BG061657.D\data.ms



Scan 3132 (21.689 min): BG061657.D\data.ms



Scan 3131 (21.688 min): BG061641.D\data.ms (-3122) (-)



TIC: BG061657.D\data.ms

(85) Benzo(a)anthracene

21.689min (-0.000) 1.80 ng/u1 m

response 58562

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	24.22#
226.00	26.80	24.14
0.00	0.00	0.00

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Sample : P2776-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

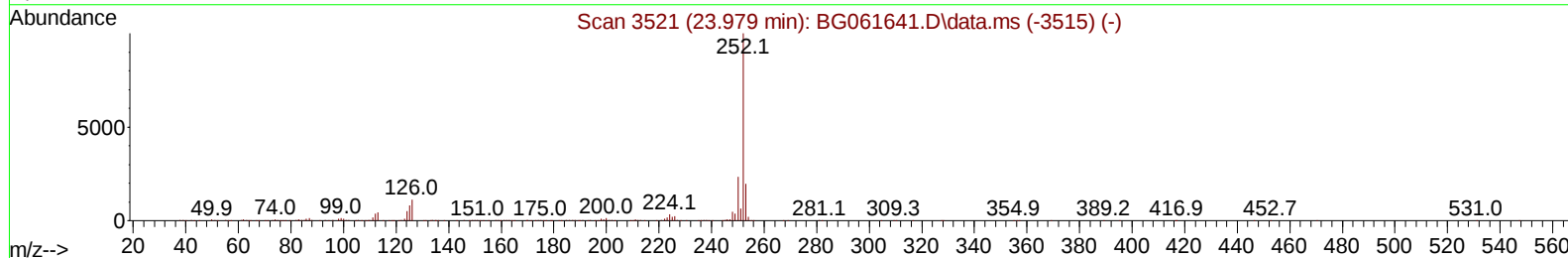
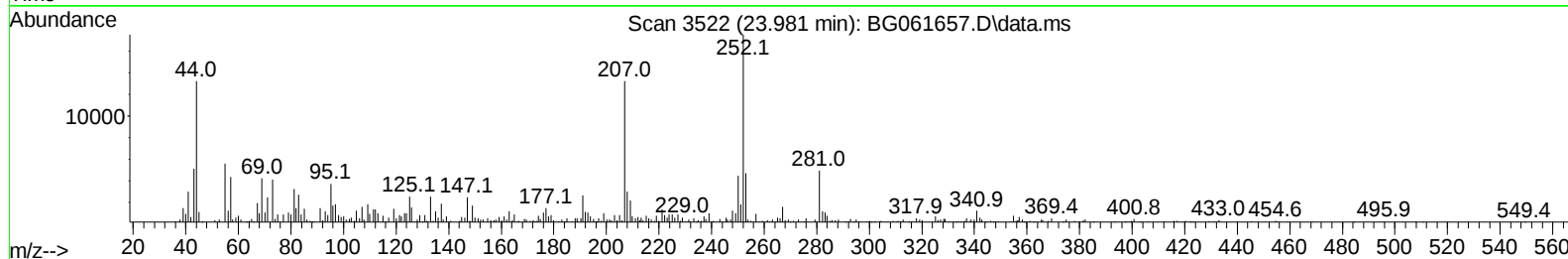
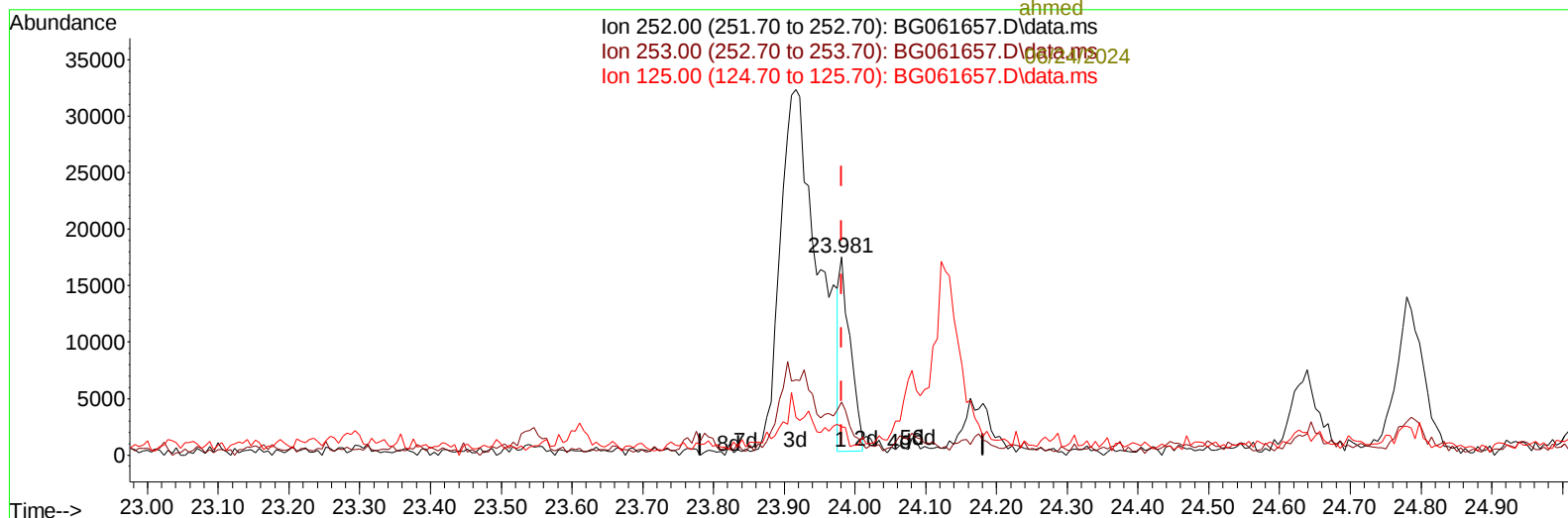
Instrument :
BNA_G
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A4CA5

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ahmed

Quant Time: Jun 23 00:43:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
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TIC: BG061657.D\data.ms

(91) Benzo(k)fluoranthene

23.981min (-0.000) 0.52 ng/u1

response 17955

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	26.79#
125.00	7.70	14.35#
0.00	0.00	0.00

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Misc :
ALS Vial : 17 Sample Multiplier: 1

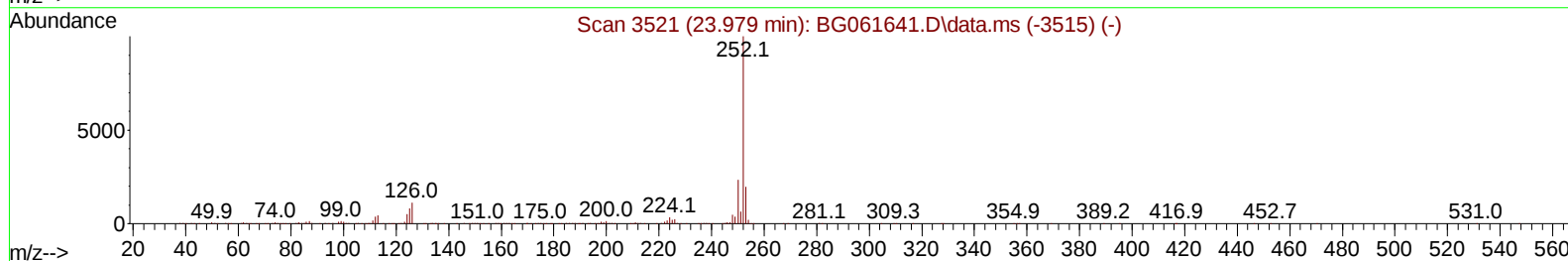
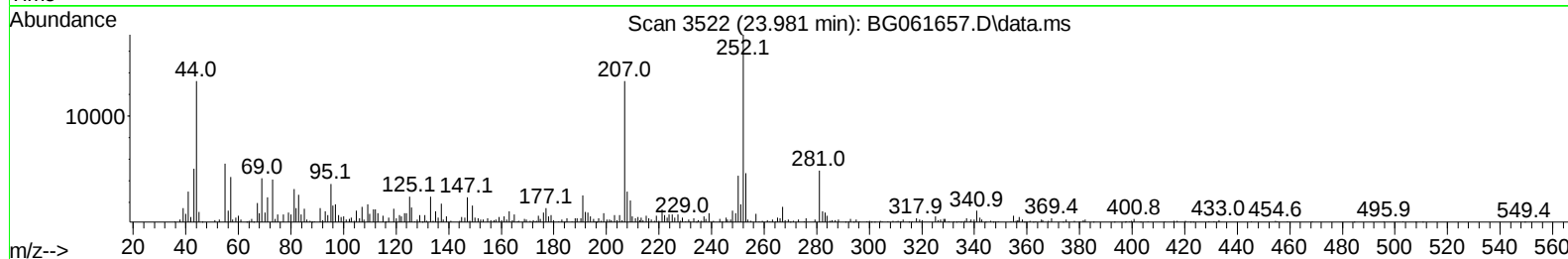
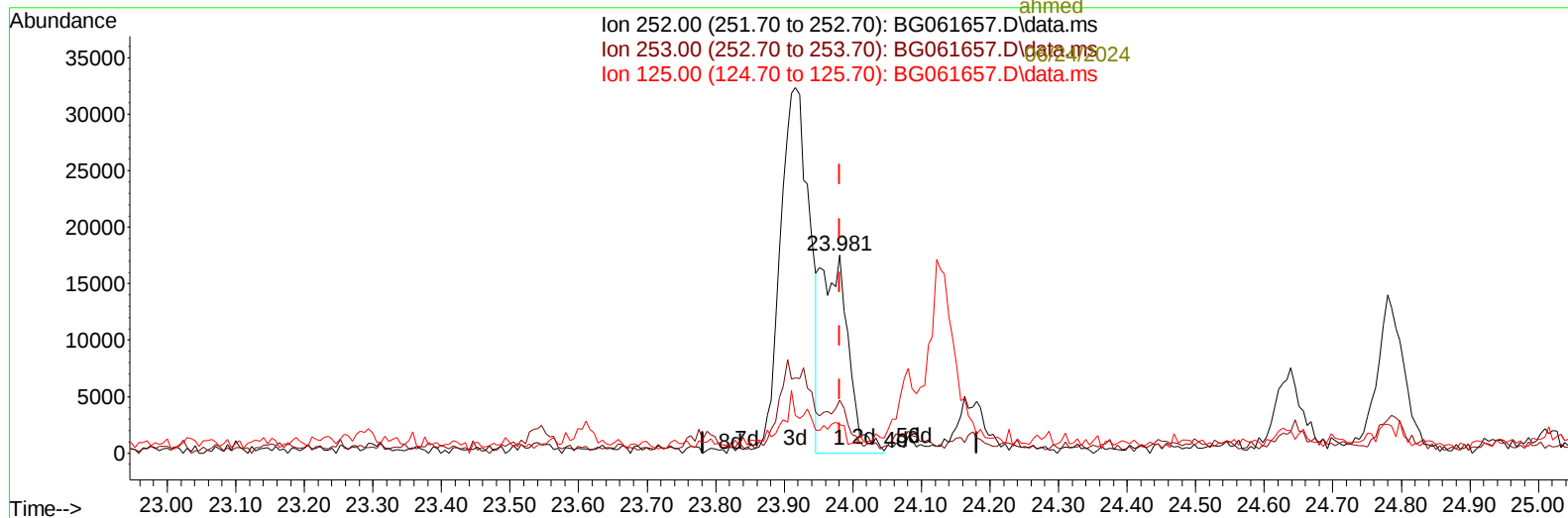
Instrument :
BNA_G
ClientSampleId :
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TIC: BG061657.D\data.ms

(91) Benzo(k)fluoranthene

23.981min (-0.000) 1.37 ng/ul m

response 47720

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	26.79#
125.00	7.70	14.35#
0.00	0.00	0.00

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Operator : MA/JU
Sample : P2776-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CA5

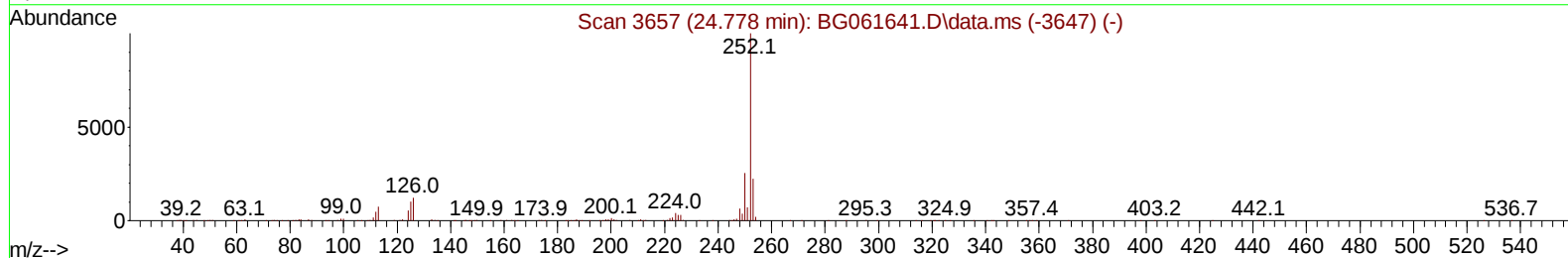
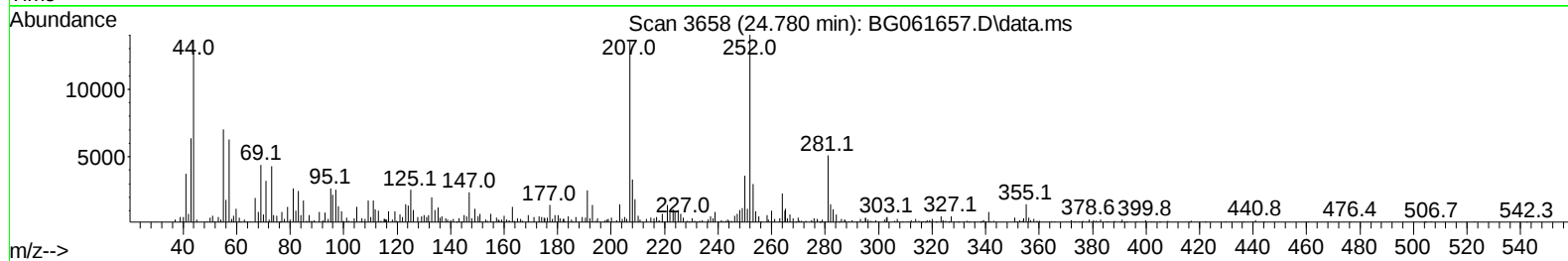
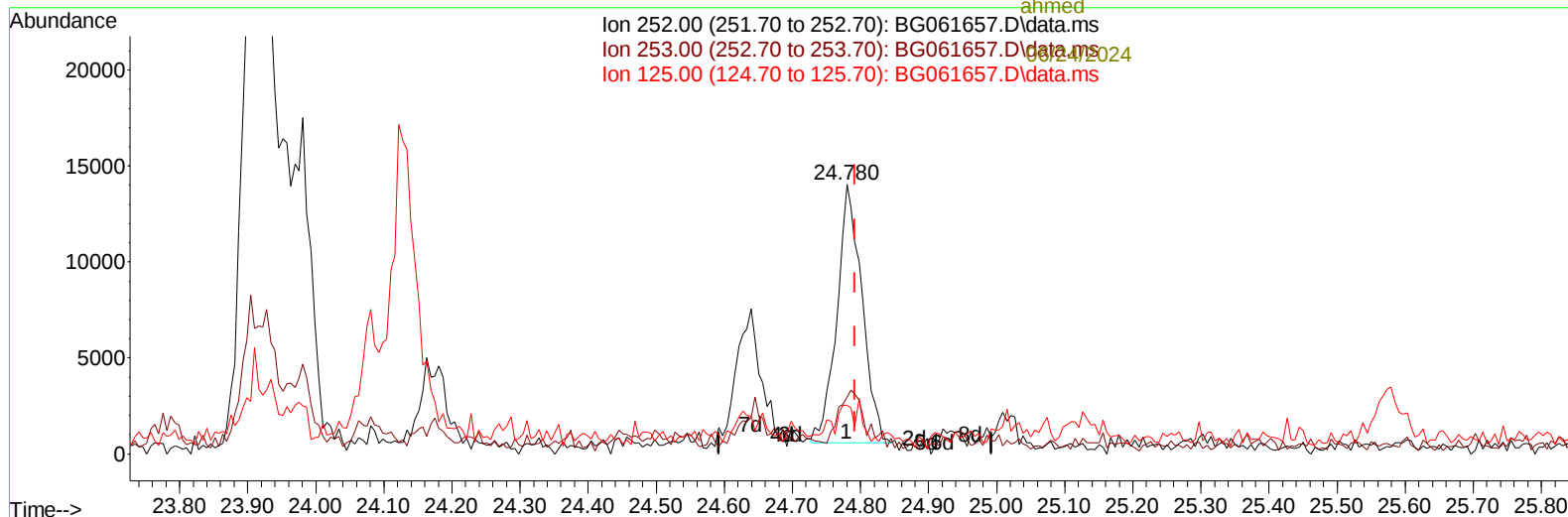
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

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ahmed

Quant Time: Jun 23 00:44:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BG061657.D\data.ms
Ion 253.00 (252.70 to 253.70): BG061657.D\data.ms
Ion 125.00 (124.70 to 125.70): BG061657.D\data.ms



TIC: BG061657.D\data.ms

(93) Benzo(a)pyrene (C)

24.780min (-0.012) 1.06 ng/u1

response 34392

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	21.06
125.00	8.10	18.07#
0.00	0.00	0.00

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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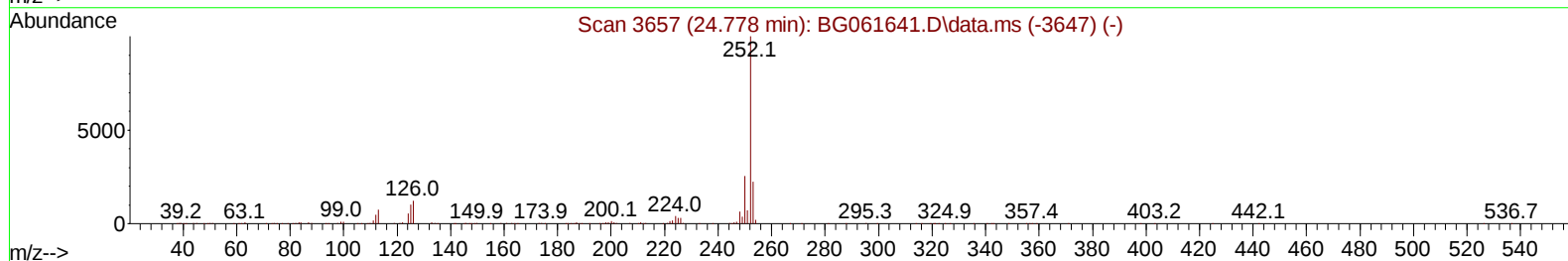
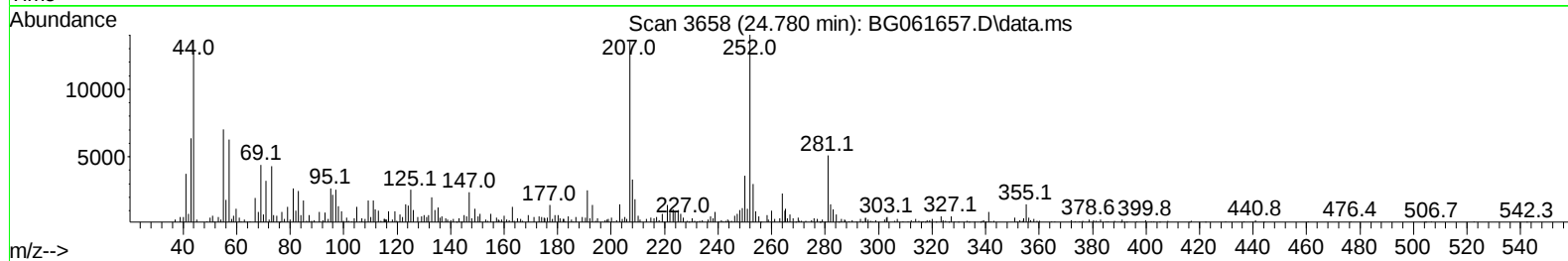
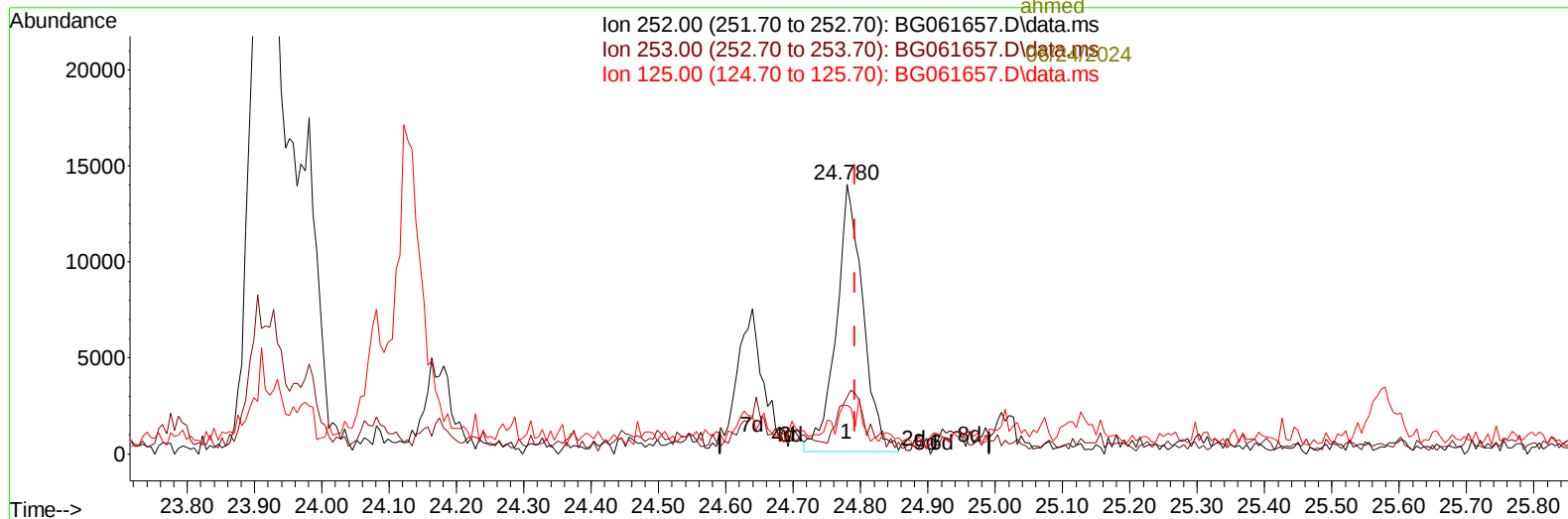
Manual IntegrationsAPPROVED

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Ion 252.00 (251.70 to 252.70): BG061657.D\data.ms
Ion 253.00 (252.70 to 253.70): BG061657.D\data.ms
Ion 125.00 (124.70 to 125.70): BG061657.D\data.ms



TIC: BG061657.D\data.ms

(93) Benzo(a)pyrene (C)

24.780min (-0.012) 1.17 ng/u1 m

response 38247

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	21.06
125.00	8.10	18.07#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 23 00:45:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
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06/24/2024
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----06/24/2024						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	71138	20.000	ng/ul	0.00
20) Naphthalene-d8	10.890	136	362901	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	248976	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	535508	20.000	ng/ul	0.00
79) Chrysene-d12	21.707	240	463115	20.000	ng/ul	0.00
88) Perylene-d12	24.939	264	563073	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	6955	3.532	ng/uL	0.00
4) Pyridine-d5	3.899	84	5408	0.908	ng/ul	0.01
7) Phenol-d5	7.218	99	179787	23.280	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	102137	21.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	124075	23.412	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	138168	23.143	ng/ul	0.00
21) Nitrobenzene-d5	9.239	128	61768	25.067	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	70609	28.293	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	139646	23.631	ng/ul	0.00
31) 4-Chloroaniline-d4	11.020	131	55536	6.207	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	434630	22.685	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	497812	23.708	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	65556	19.923	ng/ul	0.00
60) Fluorene-d10	15.691	176	386152	23.022	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.796	200	42085	18.379	ng/ul	0.00
73) Anthracene-d10	17.541	188	569917	23.315	ng/ul	0.00
81) Pyrene-d10	19.821	212	553507	21.397	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.715	264	401237	14.920	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.483	178	59323	2.106	ng/ul	97
80) Fluoranthene	19.492	202	127468	4.247	ng/ul	98
82) Pyrene	19.850	202	96554	3.025	ng/ul	99
85) Benzo(a)anthracene	21.689	228	58562m	1.801	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.613	149	33529	1.963	ng/ul	92
87) Chrysene	21.748	228	71597	2.328	ng/ul	96
90) Benzo(b)fluoranthene	23.916	252	93757	2.770	ng/ul	95
91) Benzo(k)fluoranthene	23.981	252	47720m	1.371	ng/ul	
93) Benzo(a)pyrene	24.780	252	38247m	1.174	ng/ul	

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

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