

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 Integrations
 APPROVED

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
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	71138	20.000	ng/u1	0.00
20) Naphthalene-d8	10.890	136	362901	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	248976	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.447	188	535508	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	463115	20.000	ng/u1	0.00
88) Perylene-d12	24.939	264	563073	20.000	ng/u1	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/u1	0.01
7) Phenol-d5	7.218	99	179787	23.280	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	102137	21.216	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	124075	23.412	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	138168	23.143	ng/u1	0.00
21) Nitrobenzene-d5	9.239	128	61768	25.067	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	70609	28.293	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	139646	23.631	ng/u1	0.00
31) 4-Chloroaniline-d4	11.020	131	55536	6.207	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	434630	22.685	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	497812	23.708	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	65556	19.923	ng/u1	0.00
60) Fluorene-d10	15.691	176	386152	23.022	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.796	200	42085	18.379	ng/u1	0.00
73) Anthracene-d10	17.541	188	569917	23.315	ng/u1	0.00
81) Pyrene-d10	19.821	212	553507	21.397	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.715	264	401237	14.920	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.483	178	59323	2.106	ng/u1	97
80) Fluoranthene	19.492	202	127468	4.247	ng/u1	98
82) Pyrene	19.850	202	96554	3.025	ng/u1	99
85) Benzo(a)anthracene	21.689	228	58562m	1.801	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.613	149	33529	1.963	ng/u1	92
87) Chrysene	21.748	228	71597	2.328	ng/u1	96
90) Benzo(b)fluoranthene	23.916	252	93757	2.770	ng/u1	95
91) Benzo(k)fluoranthene	23.981	252	47720m	1.371	ng/u1	
93) Benzo(a)pyrene	24.780	252	38247m	1.174	ng/u1	

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

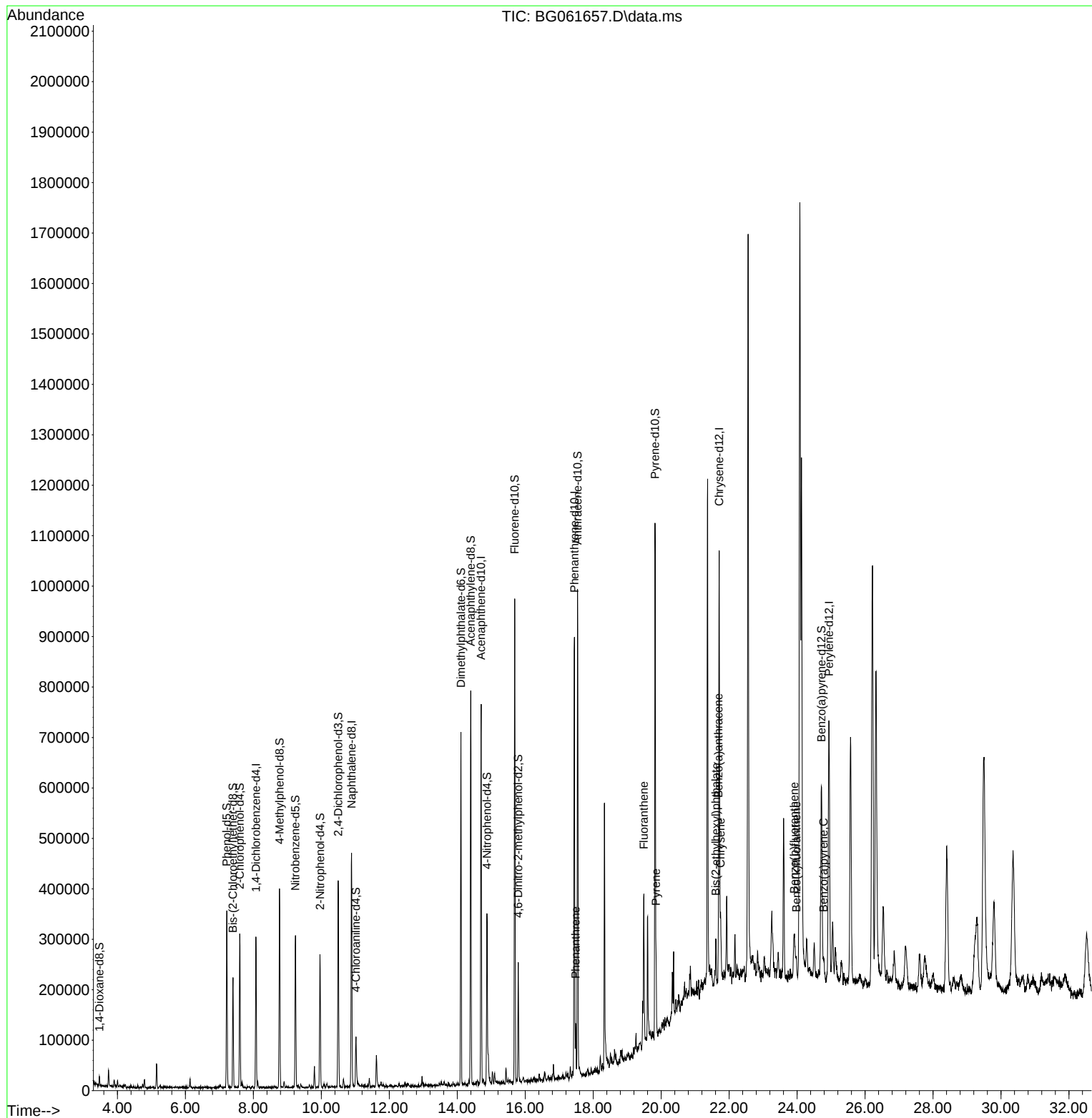
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061657.D
Acq On : 22 Jun 2024 20:33
Operator : MA/JU
Sample : P2776-10
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ALS Vial : 17 Sample Multiplier: 1

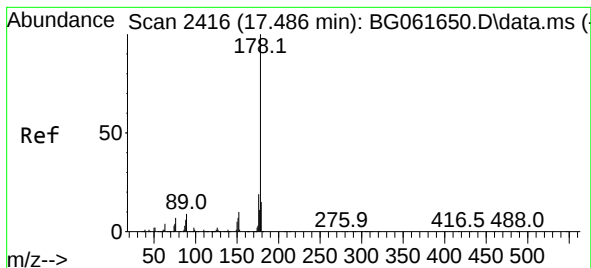
Instrument :
BNA_G
ClientSampleId :
A4CA5

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Supervised By :mohammad ahmed 06/24/2024

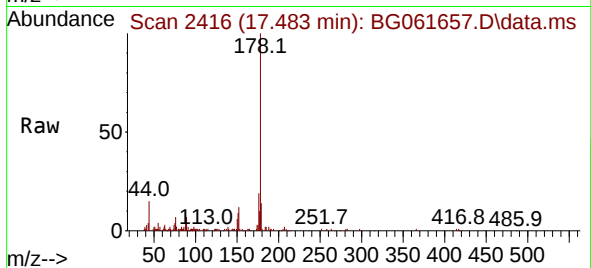
Quant Time: Jun 23 00:45:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.106 ng/ul
RT: 17.483 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG061657.D
Acq: 22 Jun 2024 20:33

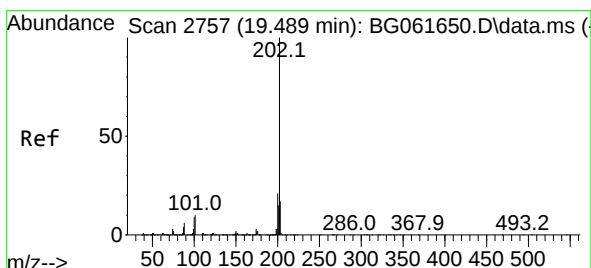
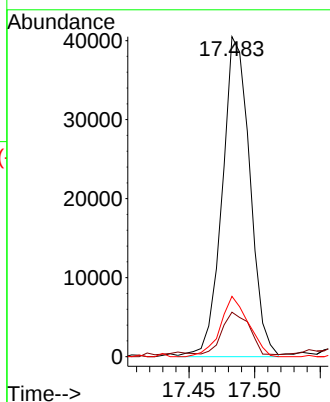
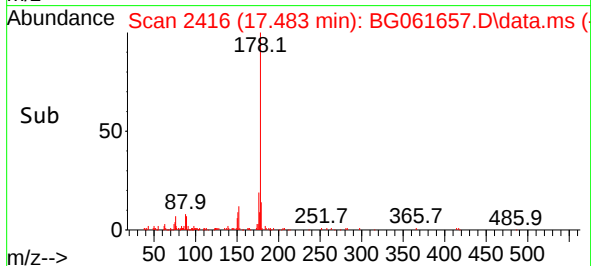
Instrument :
BNA_G
ClientSampleId :
A4CA5



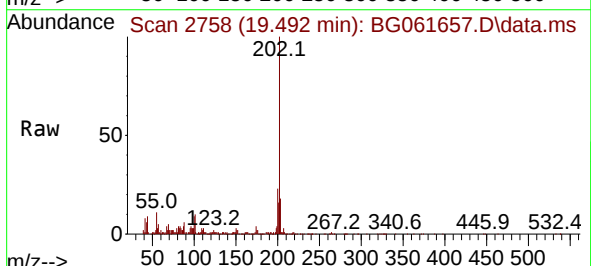
Tgt Ion:178 Resp: 5932
Ion Ratio Lower Upper
178 100
179 13.9 12.0 18.0
176 18.9 16.2 24.2

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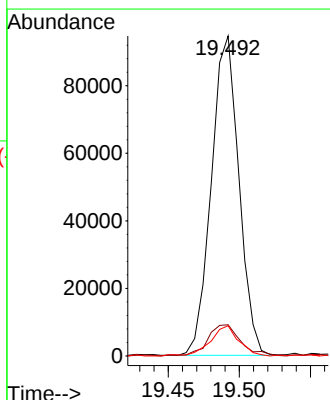
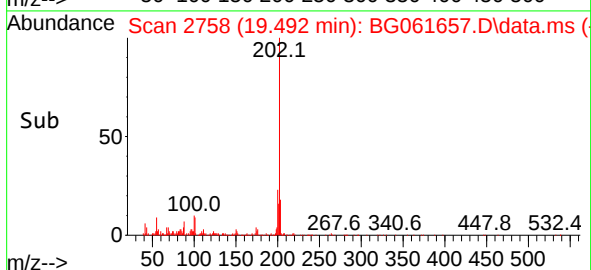
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

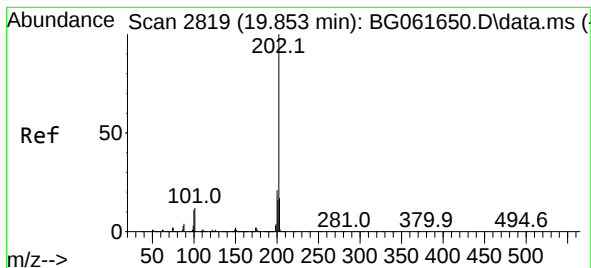


#80
Fluoranthene
Concen: 4.247 ng/ul
RT: 19.492 min Scan# 2758
Delta R.T. -0.000 min
Lab File: BG061657.D
Acq: 22 Jun 2024 20:33



Tgt Ion:202 Resp: 127468
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.6
100 9.5 7.7 11.5





#82

Pyrene

Concen: 3.025 ng/ul

RT: 19.850 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG061657.D

Acq: 22 Jun 2024 20:33

Instrument :

BNA_G

ClientSampleId :

A4CA5

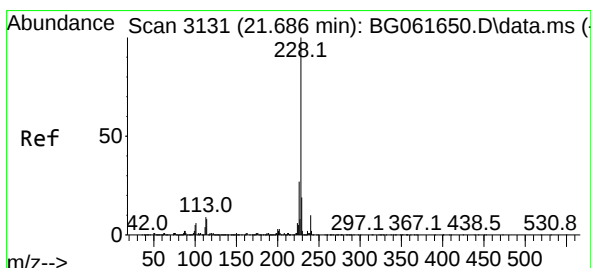
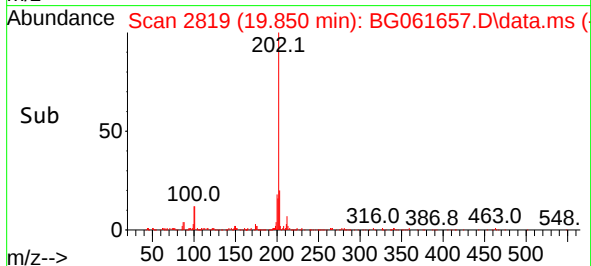
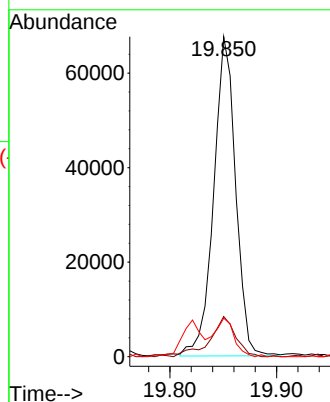
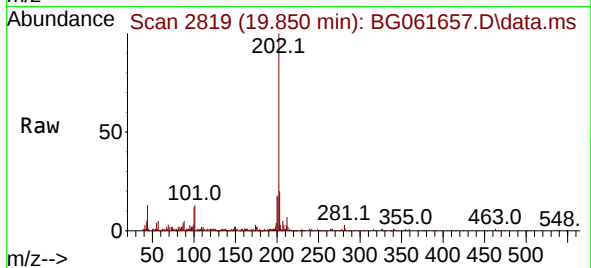
Tgt Ion:	202	Resp:	96554
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.1	15.1
100	12.0	9.9	14.9

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#85

Benzo(a)anthracene

Concen: 1.801 ng/ul m

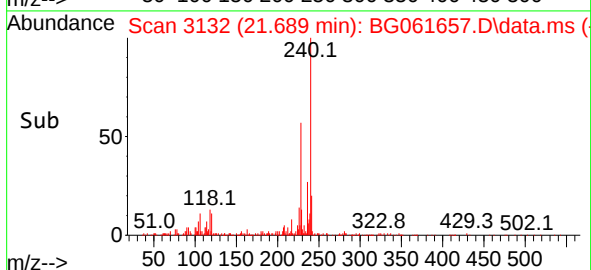
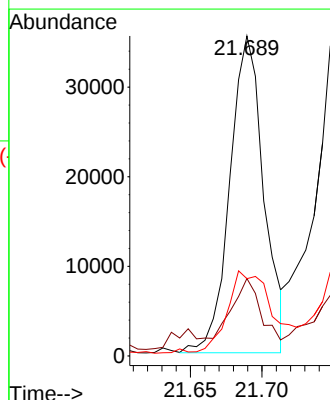
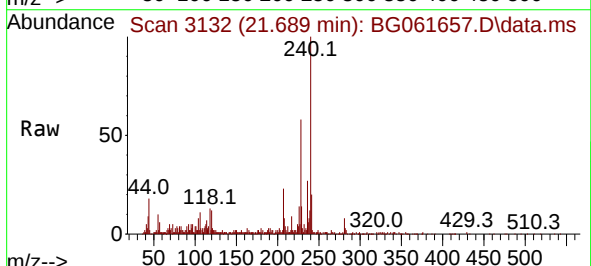
RT: 21.689 min Scan# 3132

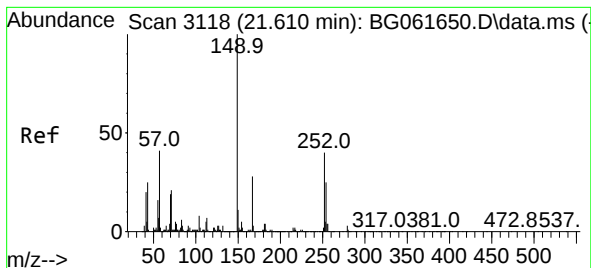
Delta R.T. -0.000 min

Lab File: BG061657.D

Acq: 22 Jun 2024 20:33

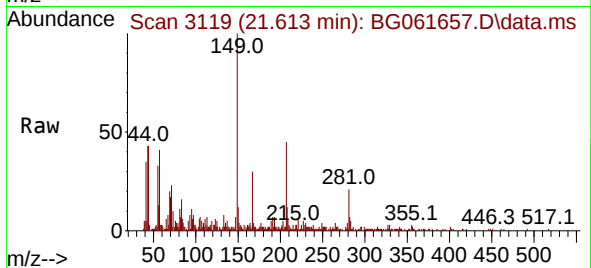
Tgt Ion:	228	Resp:	58562
Ion Ratio	Lower	Upper	
228	100		
229	24.2	15.8	23.8#
226	24.1	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.963 ng/ul
RT: 21.613 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BG061657.D
Acq: 22 Jun 2024 20:33

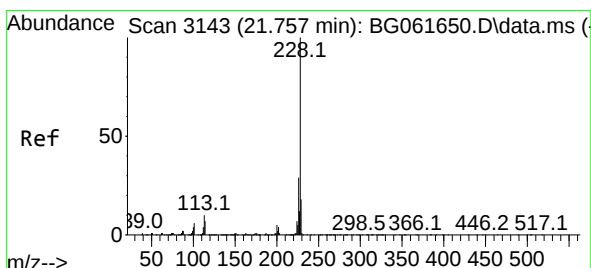
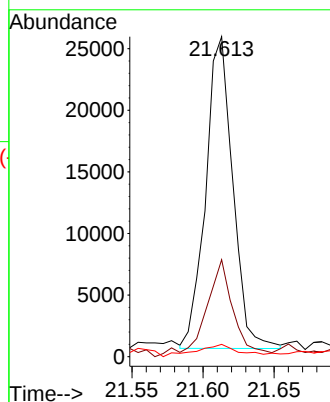
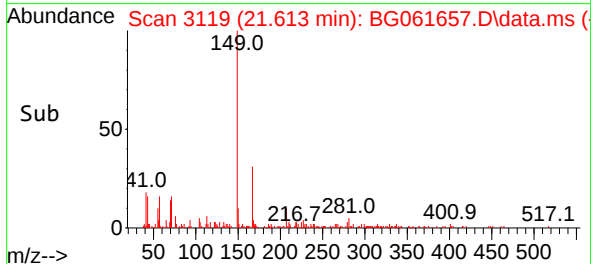
Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 33529
Ion Ratio Lower Upper
149 100
167 30.3 20.5 30.7
279 3.8 2.9 4.3

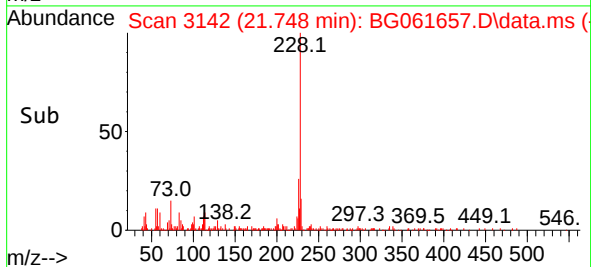
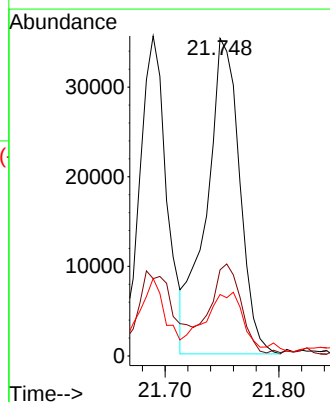
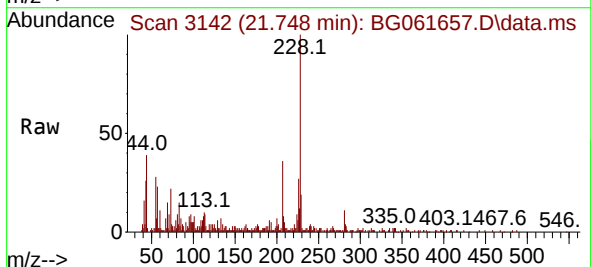
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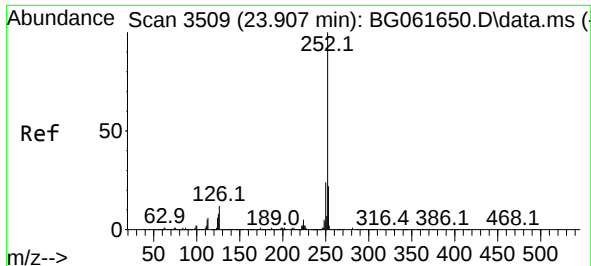
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#87
Chrysene
Concen: 2.328 ng/ul
RT: 21.748 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG061657.D
Acq: 22 Jun 2024 20:33

Tgt Ion:228 Resp: 71597
Ion Ratio Lower Upper
228 100
226 27.1 24.2 36.2
229 19.4 16.5 24.7





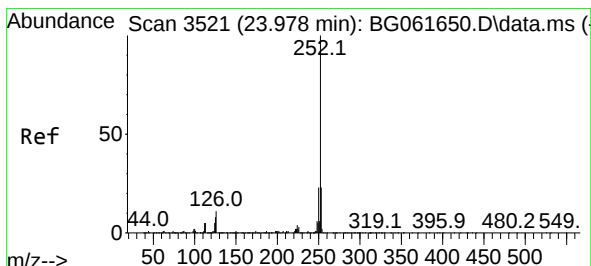
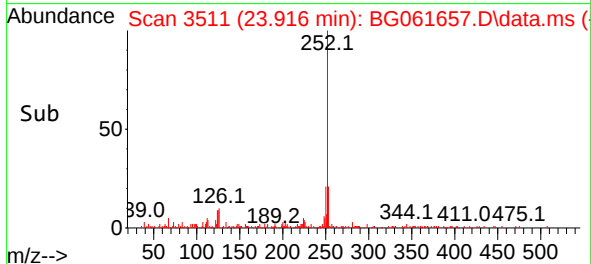
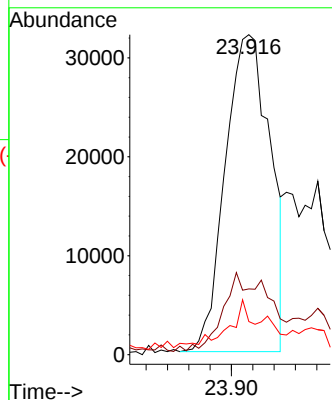
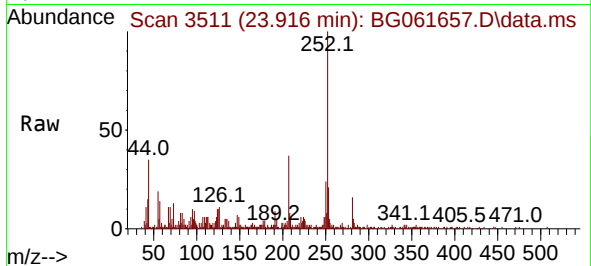
#90
Benzo(b)fluoranthene
Concen: 2.770 ng/ul
RT: 23.916 min Scan# 3511
Delta R.T. -0.000 min
Lab File: BG061657.D
Acq: 22 Jun 2024 20:33

Instrument :
BNA_G
ClientSampleId :
A4CA5

Tgt Ion:252 Resp: 9375
Ion Ratio Lower Upper
252 100
253 20.6 18.6 27.8
125 10.3 7.0 10.6

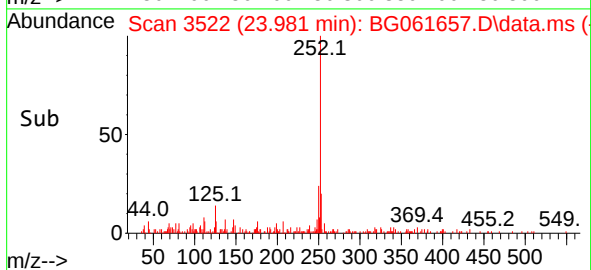
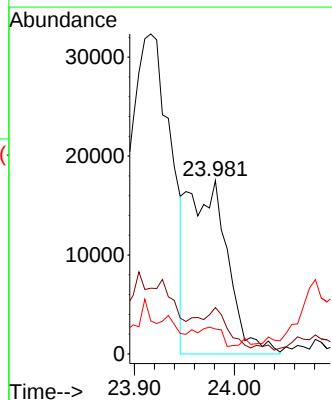
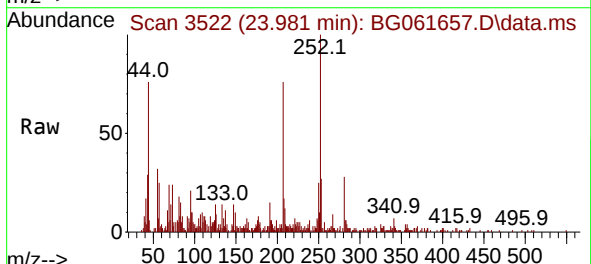
Manual Integrations
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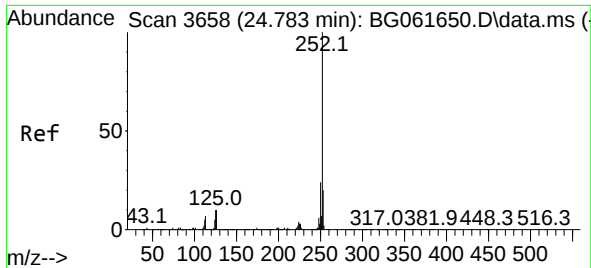
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#91
Benzo(k)fluoranthene
Concen: 1.371 ng/ul m
RT: 23.981 min Scan# 3522
Delta R.T. -0.000 min
Lab File: BG061657.D
Acq: 22 Jun 2024 20:33

Tgt Ion:252 Resp: 47720
Ion Ratio Lower Upper
252 100
253 26.8 17.8 26.6#
125 14.3 6.2 9.2#





#93

Benzo(a)pyrene

Concen: 1.174 ng/ul m

RT: 24.780 min Scan# 3

Delta R.T. -0.012 min

Lab File: BG061657.D

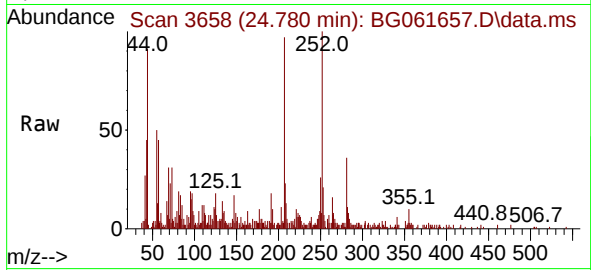
Acq: 22 Jun 2024 20:33

Instrument :

BNA_G

ClientSampleId :

A4CA5



Tgt Ion:252 Resp: 3824

Ion Ratio Lower Upper

252 100

253 21.1 16.8 25.2

125 18.1 6.5 9.7

Manual Integrations

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