

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061730.D
 Acq On : 26 Jun 2024 11:02
 Operator : MA/JU
 Sample : P2873-03DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0SG7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 12:31:35 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	8.072	152	49521	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	262994	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.700	164	201907	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.438	188	460808	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	394507	20.000	ng/u1	0.00
88) Perylene-d12	24.929	264	470256	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	361	0.263	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.209	99	12285	2.285	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	8909	2.658	ng/u1	0.00
11) 2-Chlorophenol-d4	7.602	132	7870	2.133	ng/u1	0.00
15) 4-Methylphenol-d8	8.766	113	4994	1.202	ng/u1	0.00
21) Nitrobenzene-d5	9.242	128	5094	2.853	ng/u1	0.00
24) 2-Nitrophenol-d4	9.959	143	5658m	3.128	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	10248	2.393	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	9830	1.516	ng/u1	0.00
46) Dimethylphthalate-d6	14.101	166	46623	3.001	ng/u1	0.00
49) Acenaphthylene-d8	14.394	160	50926	2.991	ng/u1	0.00
54) 4-Nitrophenol-d4	14.876	143	4022m	1.507	ng/u1	0.00
60) Fluorene-d10	15.687	176	43421	3.192	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	2579	1.309	ng/u1	0.00
73) Anthracene-d10	17.544	188	65846	3.130	ng/u1	0.00
81) Pyrene-d10	19.818	212	67430	3.060	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.706	264	51622	2.298	ng/u1	-0.02
Target Compounds					Qvalue	
30) Naphthalene	10.934	128	892088	60.623	ng/u1	98
36) 2-Methylnaphthalene	12.532	142	340500	32.793	ng/u1	98
37) 1-Methylnaphthalene	12.755	142	199984	18.051	ng/u1	95
43) 1,1'-Biphenyl	13.537	154	49336	3.373	ng/u1	97
50) Acenaphthylene	14.424	152	252325	13.275	ng/u1	97
52) Acenaphthene	14.765	153	18587	1.412	ng/u1	91
56) Dibenzofuran	15.094	168	19457	1.056	ng/u1	96
61) Fluorene	15.746	166	139850	9.174	ng/u1	92
72) Phenanthrene	17.485	178	711933	29.367	ng/u1	97
74) Anthracene	17.573	178	175937	7.097	ng/u1	98
80) Fluoranthene	19.489	202	272320	10.651	ng/u1	99
82) Pyrene	19.847	202	345061	12.692	ng/u1#	96
85) Benzo(a)anthracene	21.686	228	153856m	5.556	ng/u1	
87) Chrysene	21.751	228	114861	4.383	ng/u1	98
90) Benzo(b)fluoranthene	23.907	252	92848	3.285	ng/u1	95
91) Benzo(k)fluoranthene	23.966	252	32766m	1.127	ng/u1	
93) Benzo(a)pyrene	24.782	252	69159m	2.541	ng/u1	

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

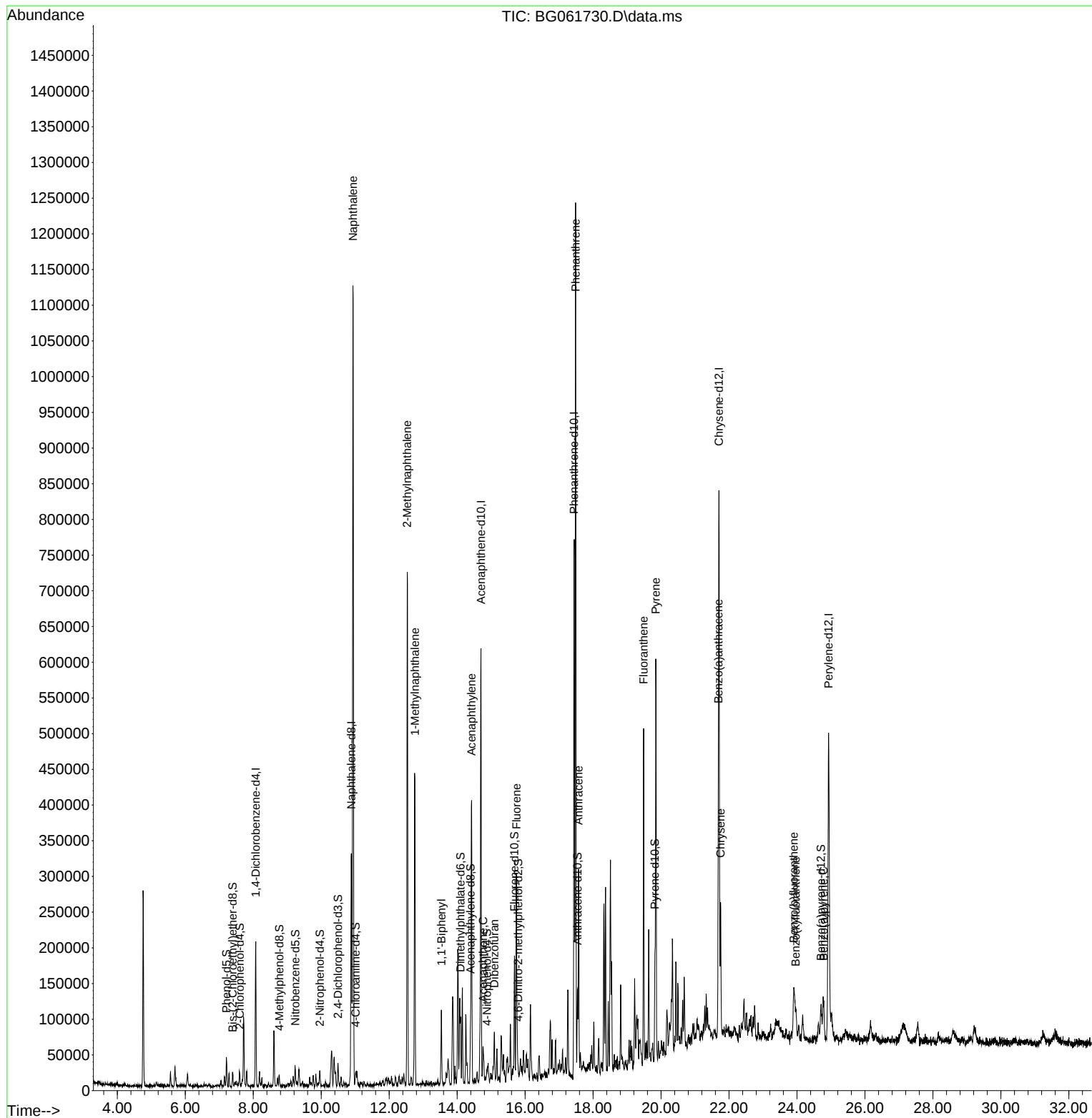
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
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ALS Vial : 29 Sample Multiplier: 1

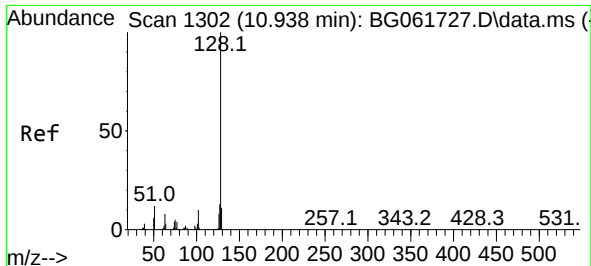
Instrument :
BNA_G
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Quant Time: Jun 26 12:31:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
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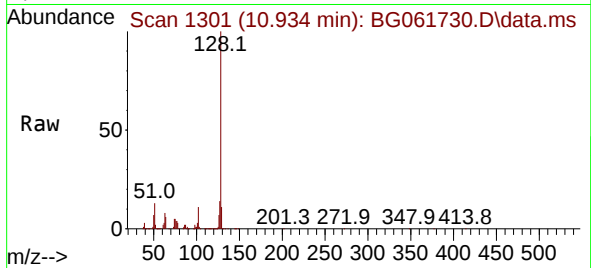
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024





#30
Naphthalene
Concen: 60.623 ng/ul
RT: 10.934 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

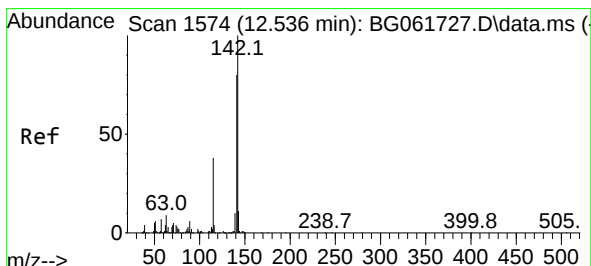
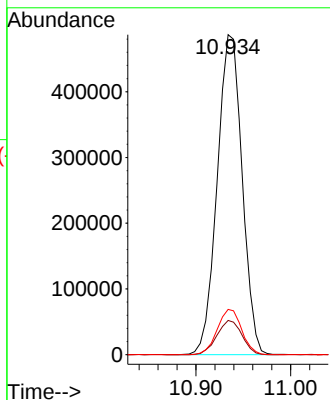
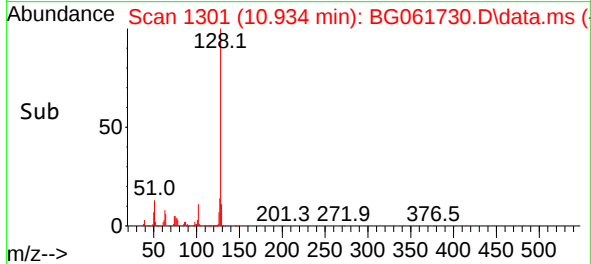
Instrument :
BNA_G
ClientSampleId :
C0SG7DL



Tgt Ion:128 Resp: 892088
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 14.2 10.5 15.7

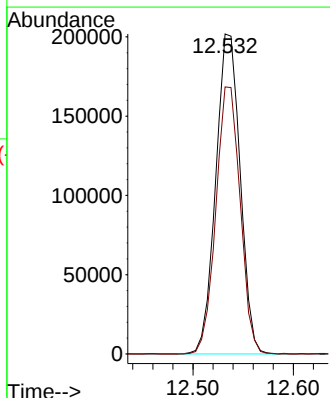
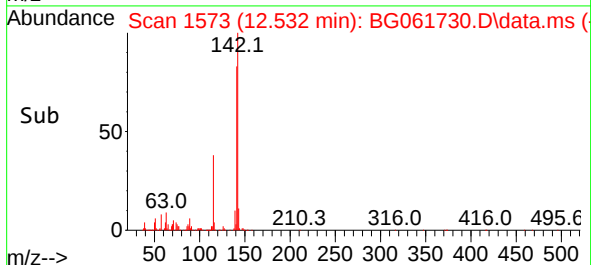
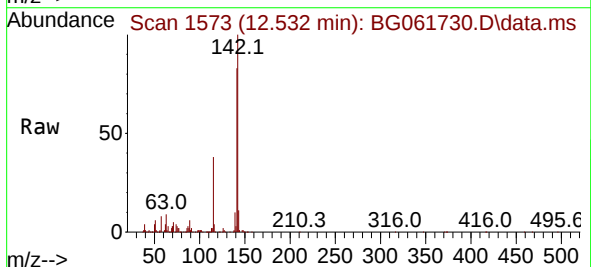
Manual Integrations
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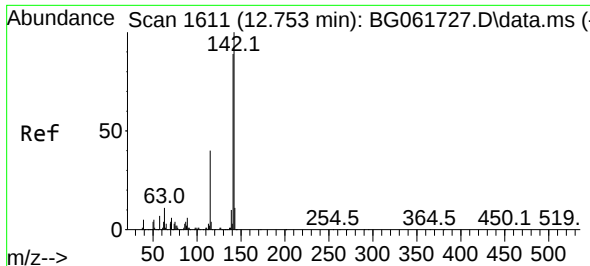
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#36
2-Methylnaphthalene
Concen: 32.793 ng/ul
RT: 12.532 min Scan# 1573
Delta R.T. -0.010 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

Tgt Ion:142 Resp: 340500
Ion Ratio Lower Upper
142 100
141 83.4 68.5 102.7





#37

1-Methylnaphthalene

Concen: 18.051 ng/ul

RT: 12.755 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG061730.D

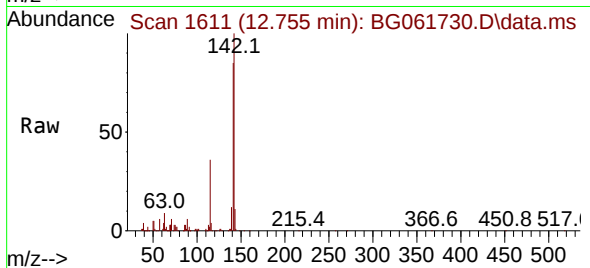
Acq: 26 Jun 2024 11:02

Instrument :

BNA_G

ClientSampleId :

C0SG7DL



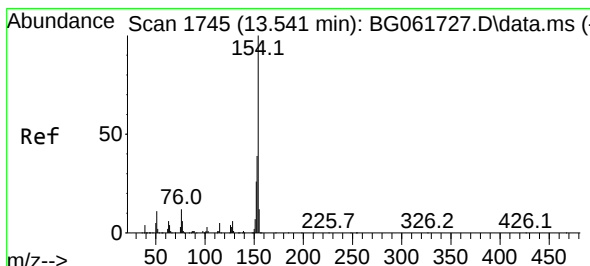
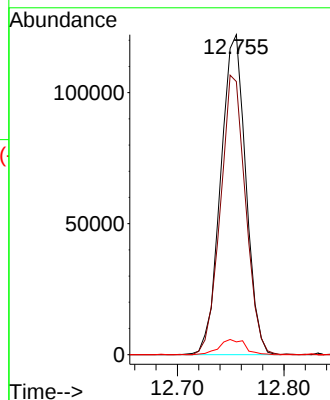
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.4	64.6	97.0
116	4.0	3.0	4.6

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#43

1,1'-Biphenyl

Concen: 3.373 ng/ul

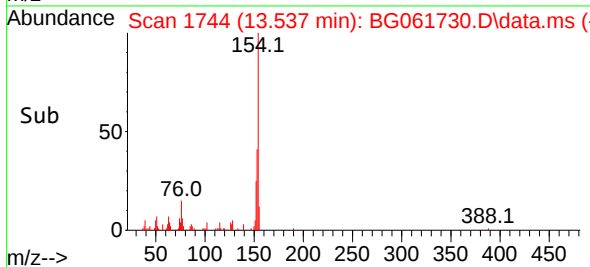
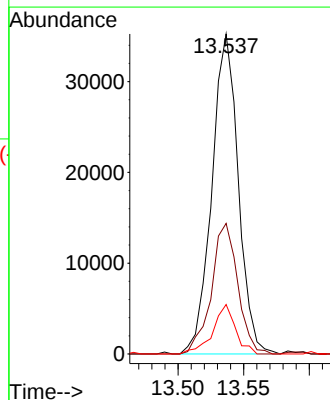
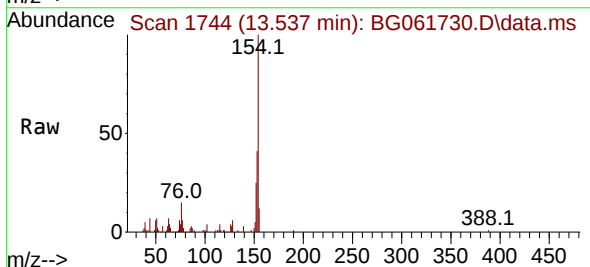
RT: 13.537 min Scan# 1744

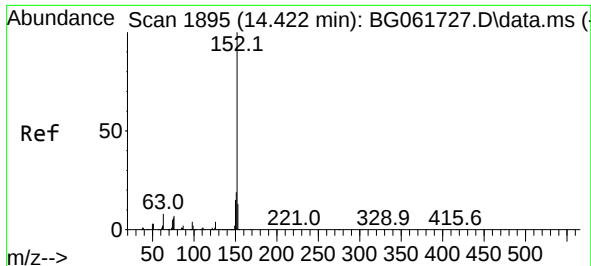
Delta R.T. -0.004 min

Lab File: BG061730.D

Acq: 26 Jun 2024 11:02

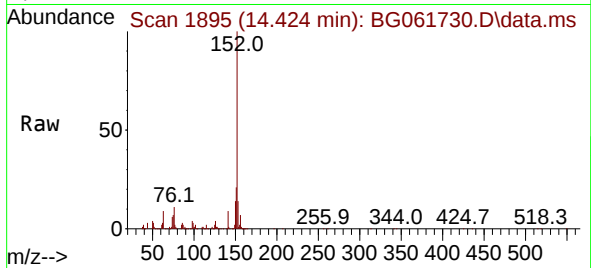
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	31.4	47.0
76	15.4	11.0	16.4





#50
Acenaphthylene
Concen: 13.275 ng/ul
RT: 14.424 min Scan# 1895
Delta R.T. -0.004 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

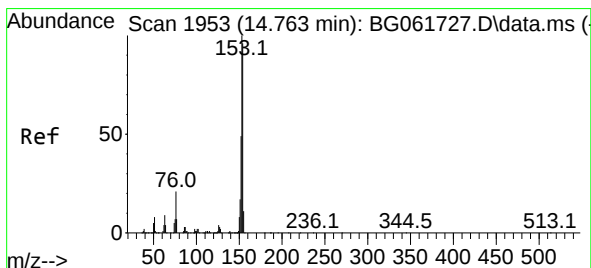
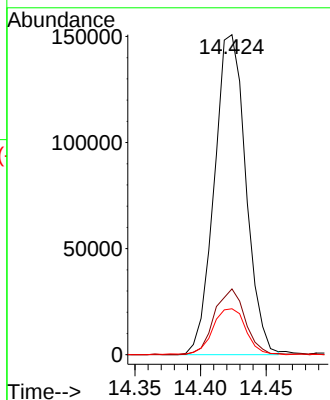
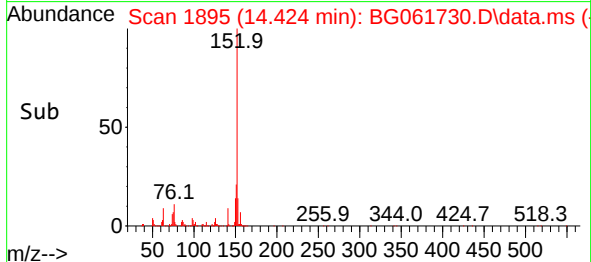
Instrument :
BNA_G
ClientSampleId :
C0SG7DL



Tgt Ion:152 Resp: 25232
Ion Ratio Lower Upper
152 100
151 20.6 15.3 22.9
153 14.3 11.0 16.4

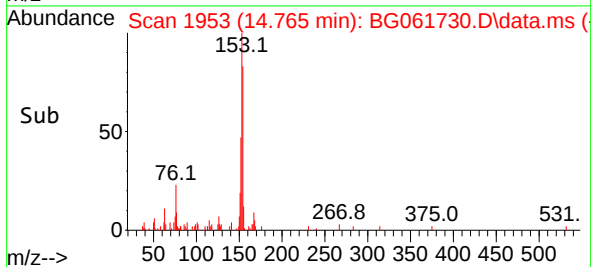
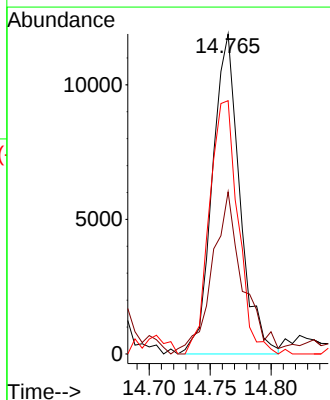
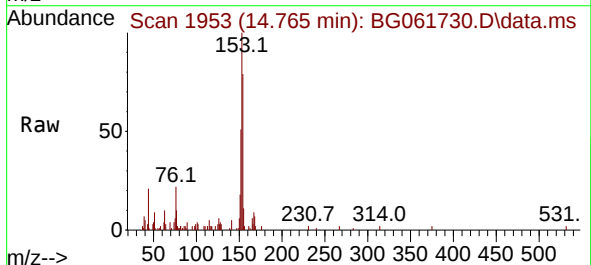
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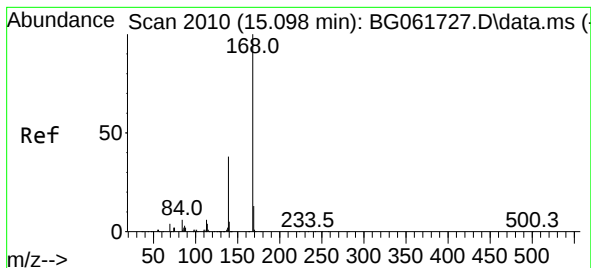
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#52
Acenaphthene
Concen: 1.412 ng/ul
RT: 14.765 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

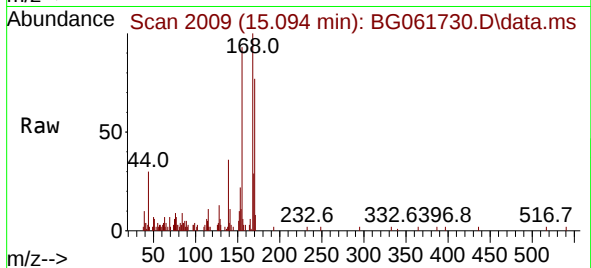
Tgt Ion:153 Resp: 18587
Ion Ratio Lower Upper
153 100
152 50.7 40.0 60.0
154 79.1 74.1 111.1





#56
Dibenzofuran
Concen: 1.056 ng/ul
RT: 15.094 min Scan# 2010
Delta R.T. -0.010 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

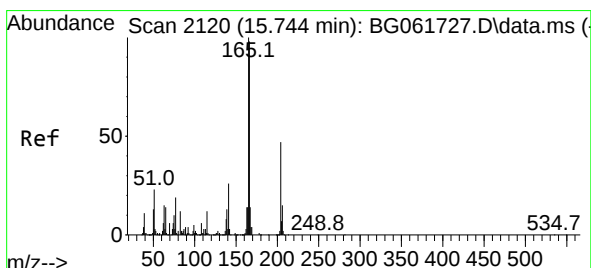
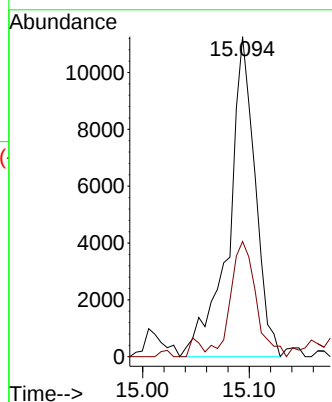
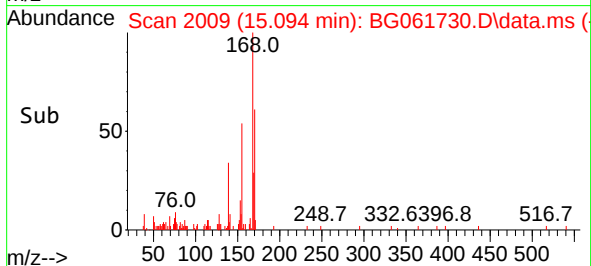
Instrument :
BNA_G
ClientSampleId :
C0SG7DL



Tgt Ion:168 Resp: 1945
Ion Ratio Lower Upper
168 100
139 36.0 27.0 40.4

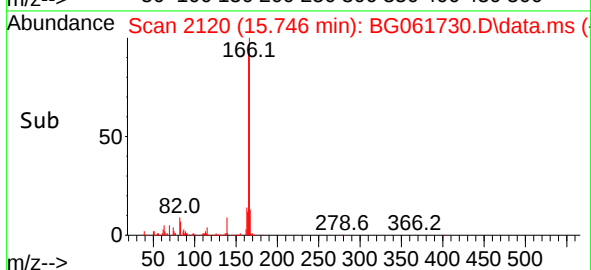
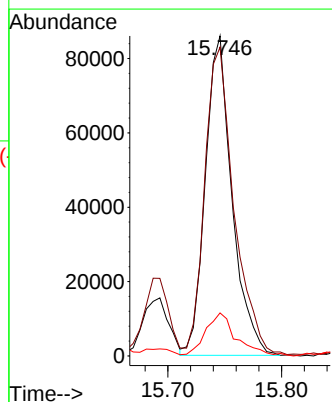
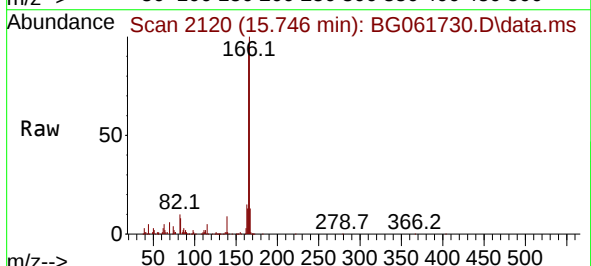
Manual Integrations
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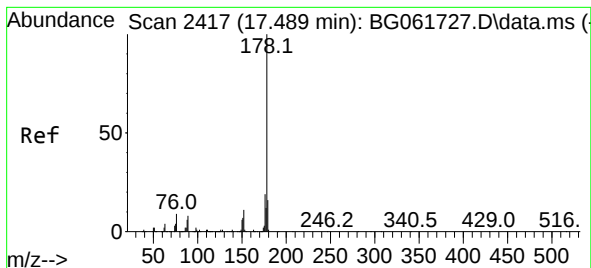
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#61
Fluorene
Concen: 9.174 ng/ul
RT: 15.746 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

Tgt Ion:166 Resp: 139850
Ion Ratio Lower Upper
166 100
165 96.5 84.9 127.3
167 13.5 10.9 16.3





#72

Phenanthrene

Concen: 29.367 ng/u1

RT: 17.485 min Scan# 2417

Delta R.T. -0.004 min

Lab File: BG061730.D

Acq: 26 Jun 2024 11:02

Instrument :

BNA_G

ClientSampleId :

C0SG7DL

Tgt Ion:178 Resp: 71193

Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

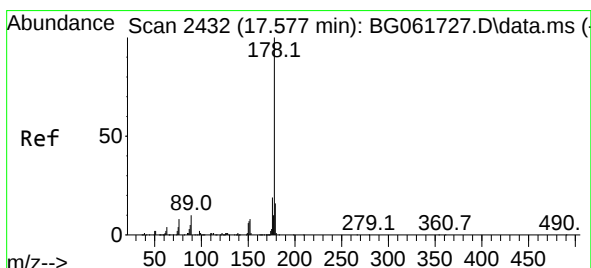
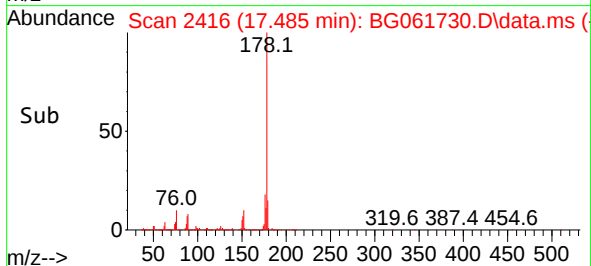
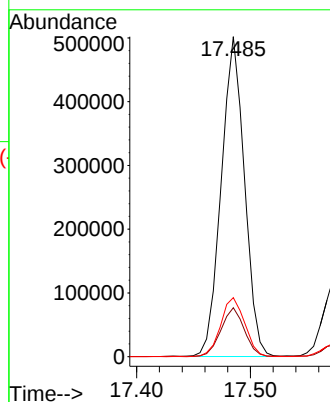
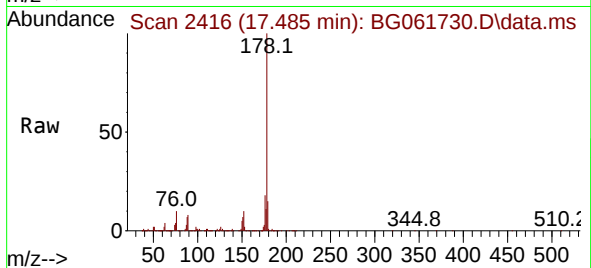
176 18.4 16.2 24.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#74

Anthracene

Concen: 7.097 ng/u1

RT: 17.573 min Scan# 2431

Delta R.T. -0.004 min

Lab File: BG061730.D

Acq: 26 Jun 2024 11:02

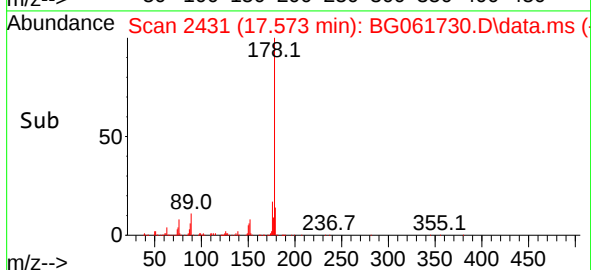
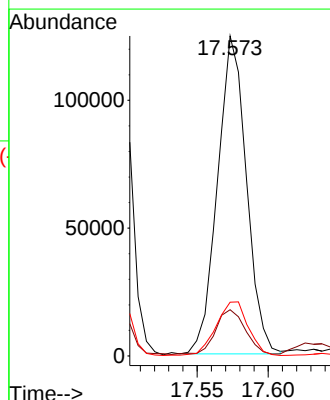
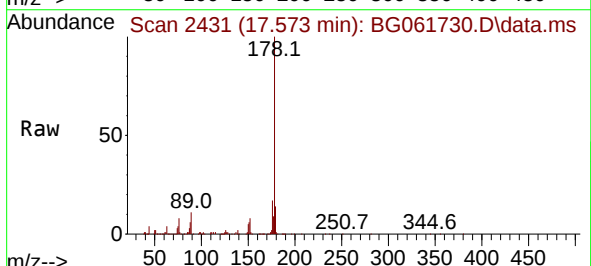
Tgt Ion:178 Resp: 175937

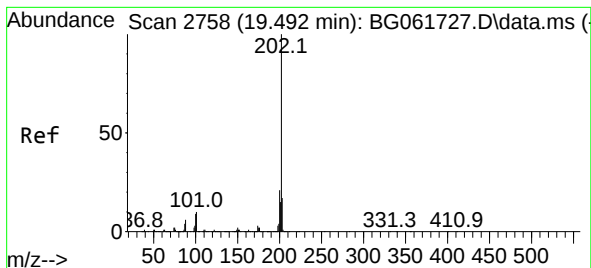
Ion Ratio Lower Upper

178 100

179 14.5 11.4 17.2

176 16.8 14.7 22.1





#80

Fluoranthene

Concen: 10.651 ng/ul

RT: 19.489 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG061730.D

Acq: 26 Jun 2024 11:02

Instrument :

BNA_G

ClientSampleId :

C0SG7DL

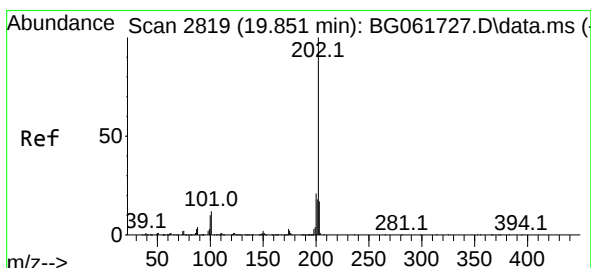
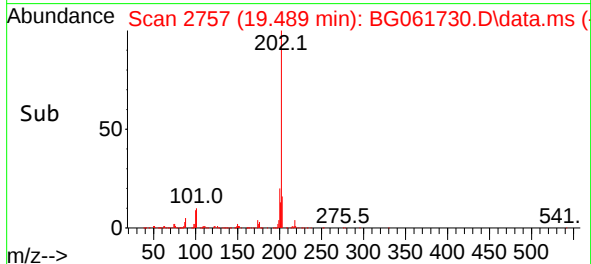
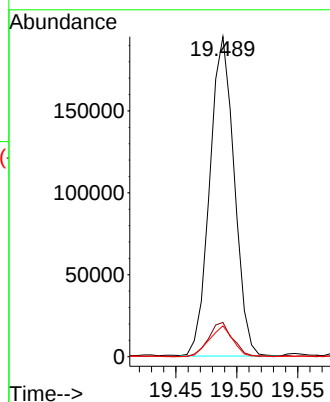
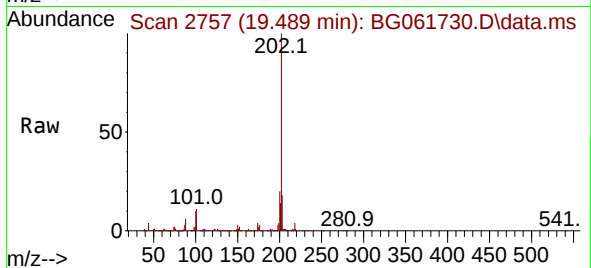
Tgt Ion:	202	Resp:	272320
Ion Ratio	Lower	Upper	
202	100		
101	10.7	7.8	11.6
100	9.7	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#82

Pyrene

Concen: 12.692 ng/ul

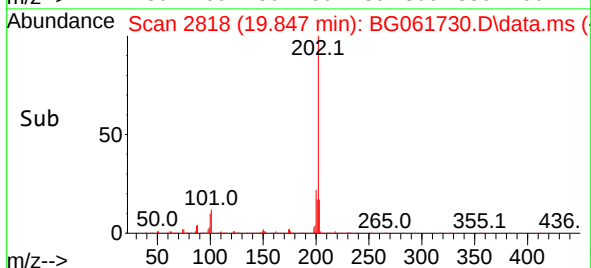
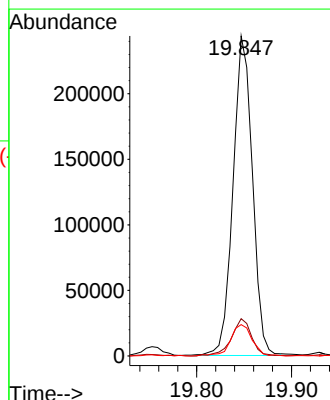
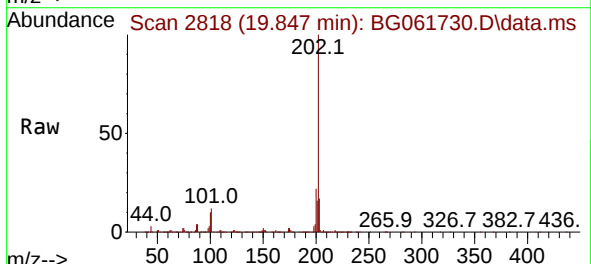
RT: 19.847 min Scan# 2818

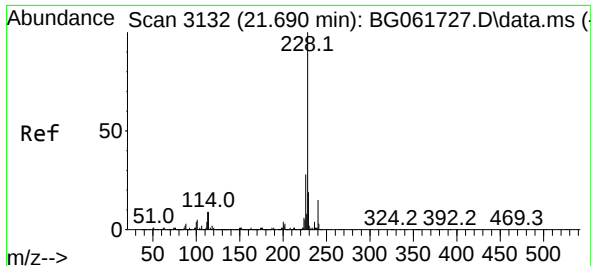
Delta R.T. -0.004 min

Lab File: BG061730.D

Acq: 26 Jun 2024 11:02

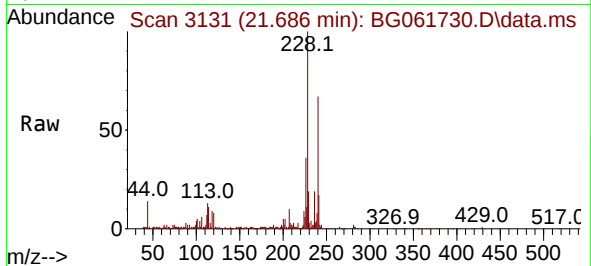
Tgt Ion:	202	Resp:	345061
Ion Ratio	Lower	Upper	
202	100		
101	11.7	10.1	15.1
100	9.8	9.9	14.9#





#85
Benzo(a)anthracene
Concen: 5.556 ng/ul m
RT: 21.686 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

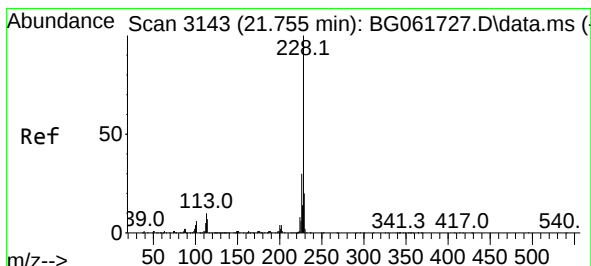
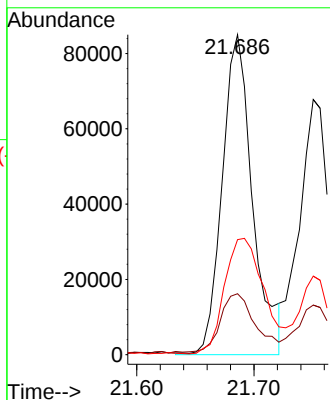
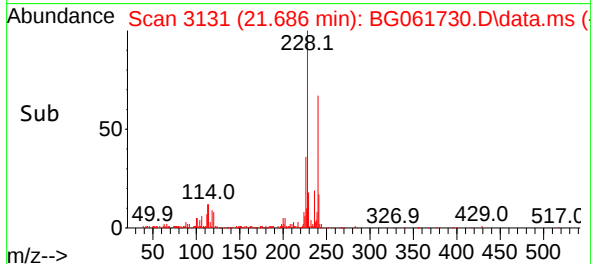
Instrument :
BNA_G
ClientSampleId :
C0SG7DL



Tgt Ion:228 Resp: 153850
Ion Ratio Lower Upper
228 100
229 19.1 15.8 23.8
226 36.0 21.4 32.2

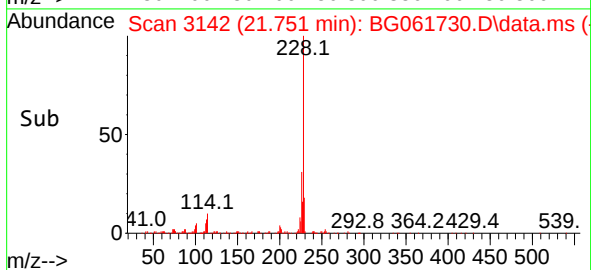
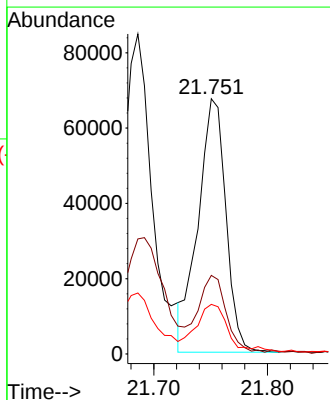
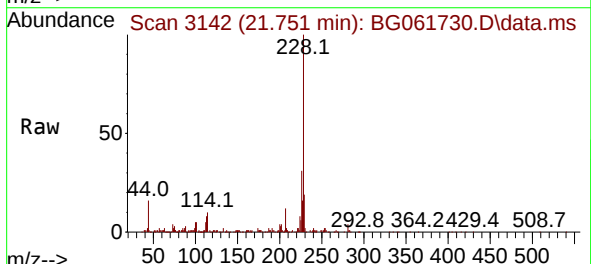
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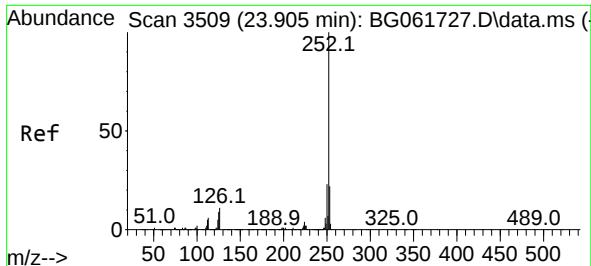
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#87
Chrysene
Concen: 4.383 ng/ul
RT: 21.751 min Scan# 3142
Delta R.T. -0.010 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

Tgt Ion:228 Resp: 114861
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 19.4 16.5 24.7





#90
Benzo(b)fluoranthene
Concen: 3.285 ng/ul
RT: 23.907 min Scan# 3509
Delta R.T. -0.010 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

Instrument :

BNA_G

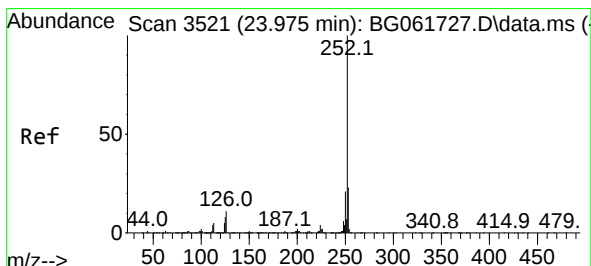
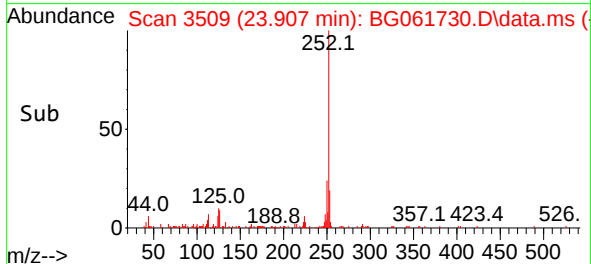
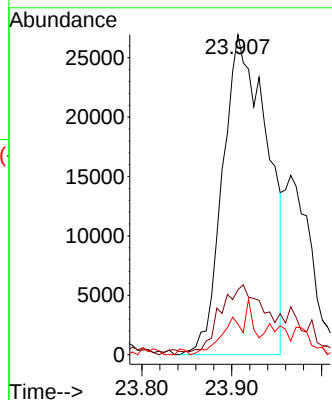
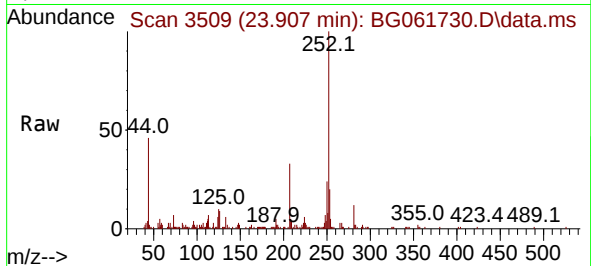
ClientSampleId :

C0SG7DL

Tgt Ion:252 Resp: 92848
Ion Ratio Lower Upper
252 100
253 20.3 18.6 27.8
125 9.6 7.0 10.6

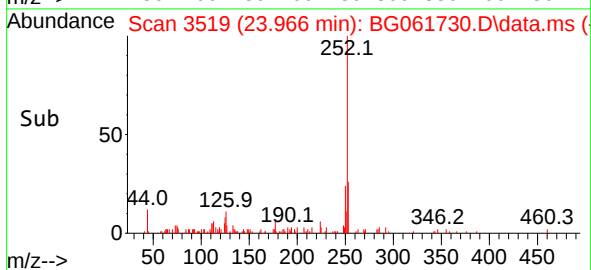
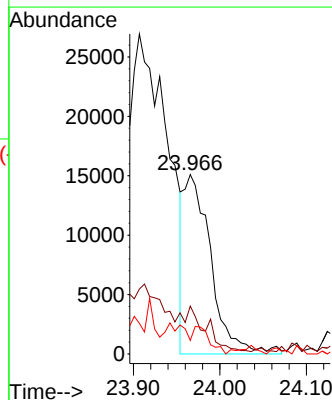
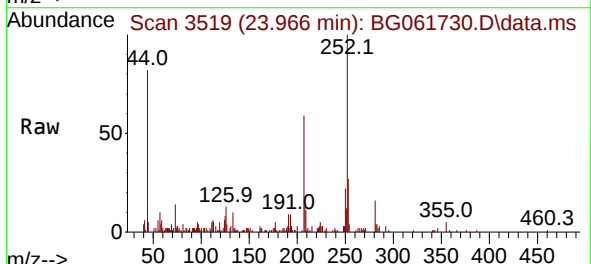
Manual Integrations
APPROVED

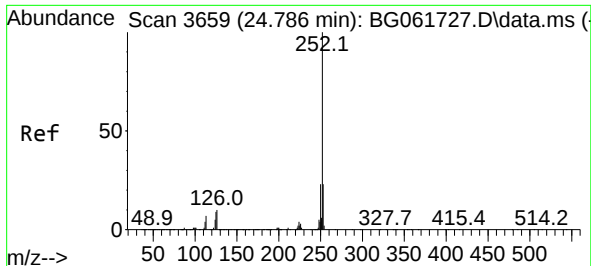
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#91
Benzo(k)fluoranthene
Concen: 1.127 ng/ul m
RT: 23.966 min Scan# 3519
Delta R.T. -0.016 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

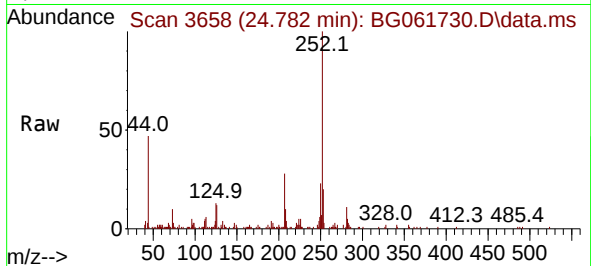
Tgt Ion:252 Resp: 32766
Ion Ratio Lower Upper
252 100
253 26.7 17.8 26.6#
125 7.6 6.2 9.2





#93
Benzo(a)pyrene
Concen: 2.541 ng/ul m
RT: 24.782 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG061730.D
Acq: 26 Jun 2024 11:02

Instrument :
BNA_G
ClientSampleId :
C0SG7DL



Tgt Ion:252 Resp: 69159
Ion Ratio Lower Upper
252 100
253 20.1 16.8 25.2
125 12.5 6.5 9.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

