

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061732.D
 Acq On : 26 Jun 2024 12:51
 Operator : MA/JU
 Sample : P2873-09DL2 50X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0SJ9DL2

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 22:54:25 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	58203	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	293373	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.700	164	207383	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	458058	20.000	ng/u1	0.00
79) Chrysene-d12	21.703	240	395078	20.000	ng/u1	-0.01
88) Perylene-d12	24.935	264	478729	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.214	99	2782	0.440	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.391	67	1998	0.507	ng/u1	0.00
11) 2-Chlorophenol-d4	7.596	132	2209	0.509	ng/u1	0.00
15) 4-Methylphenol-d8	8.754	113	1793m	0.367	ng/u1	-0.01
21) Nitrobenzene-d5	9.230	128	1444m	0.725	ng/u1	0.00
24) 2-Nitrophenol-d4	9.958	143	1012	0.502	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	2822m	0.591	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	2033	0.281	ng/u1	0.00
46) Dimethylphthalate-d6	14.100	166	11216	0.703	ng/u1	-0.01
49) Acenaphthylene-d8	14.394	160	10432	0.596	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.693	176	10046	0.719	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.543	188	14991	0.717	ng/u1	0.00
81) Pyrene-d10	19.823	212	14566	0.660	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.712	264	12699m	0.555	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.934	128	550097	33.511	ng/u1	99
36) 2-Methylnaphthalene	12.538	142	154161	13.310	ng/u1	99
37) 1-Methylnaphthalene	12.749	142	84639	6.849	ng/u1#	96
43) 1,1'-Biphenyl	13.536	154	20101	1.338	ng/u1#	88
50) Acenaphthylene	14.424	152	108213	5.543	ng/u1	100
61) Fluorene	15.746	166	54859	3.504	ng/u1	91
72) Phenanthrene	17.485	178	293192	12.167	ng/u1	97
74) Anthracene	17.573	178	72288	2.933	ng/u1	98
80) Fluoranthene	19.488	202	111425m	4.352	ng/u1	
82) Pyrene	19.853	202	138192	5.076	ng/u1	97
85) Benzo(a)anthracene	21.686	228	63020m	2.272	ng/u1	
87) Chrysene	21.750	228	52981	2.019	ng/u1	98
93) Benzo(a)pyrene	24.770	252	28490	1.028	ng/u1#	93

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

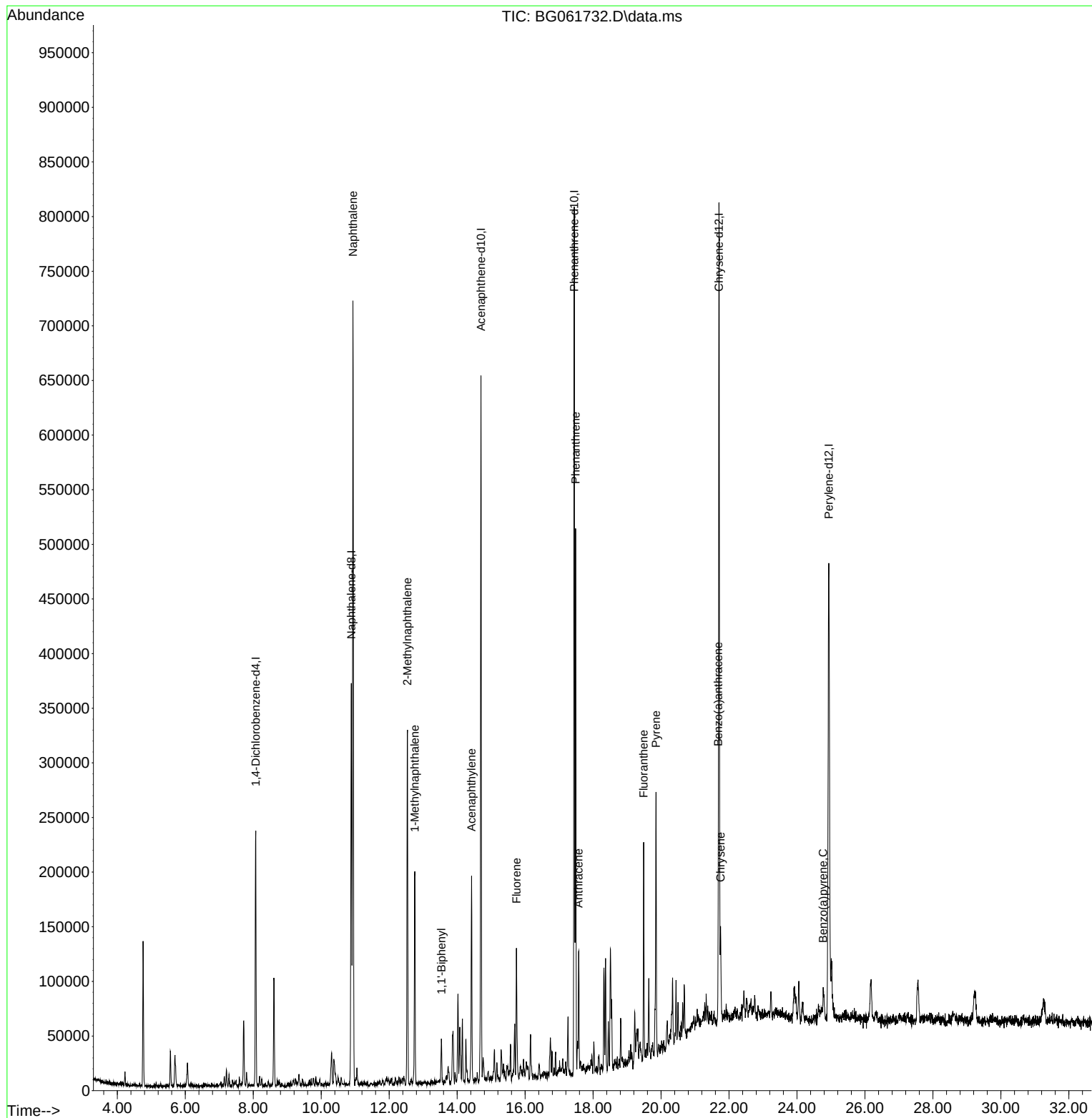
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061732.D
Acq On : 26 Jun 2024 12:51
Operator : MA/JU
Sample : P2873-09DL2 50X
Misc :
ALS Vial : 31 Sample Multiplier: 1

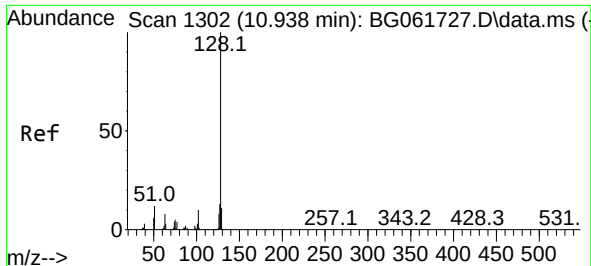
Instrument :
BNA_G
ClientSampleId :
C0SJ9DL2

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

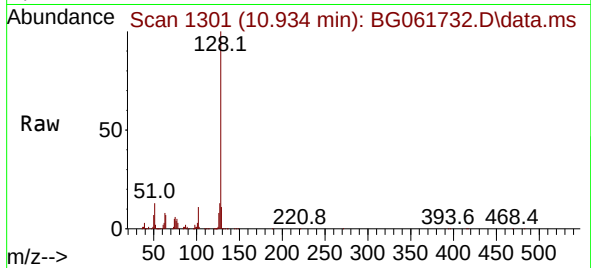
Quant Time: Jun 26 22:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 33.511 ng/ul
RT: 10.934 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG061732.D
Acq: 26 Jun 2024 12:51

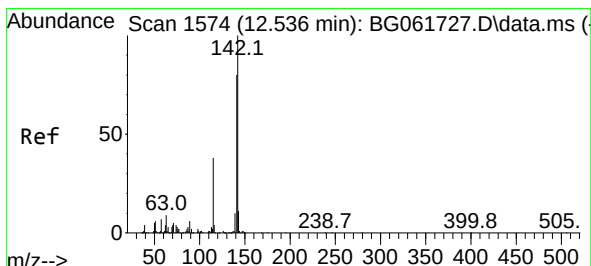
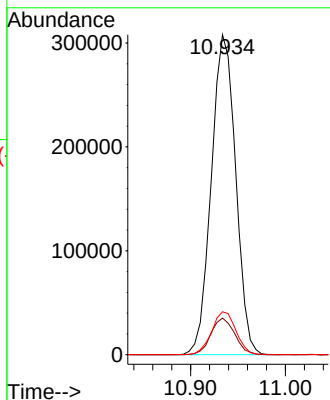
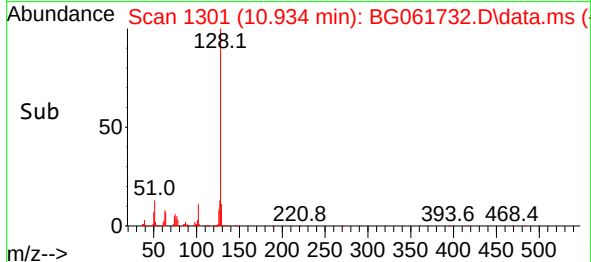
Instrument :
BNA_G
ClientSampleId :
C0SJ9DL2



Tgt Ion:128 Resp: 55009
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.4 10.5 15.7

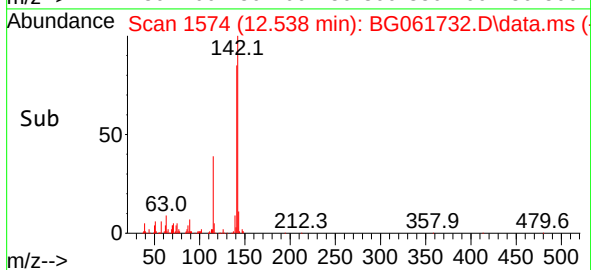
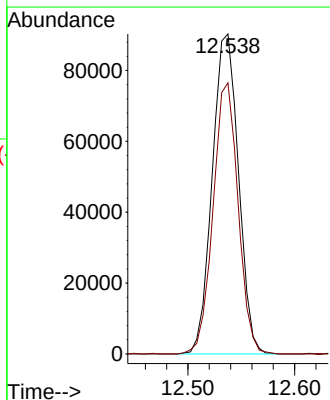
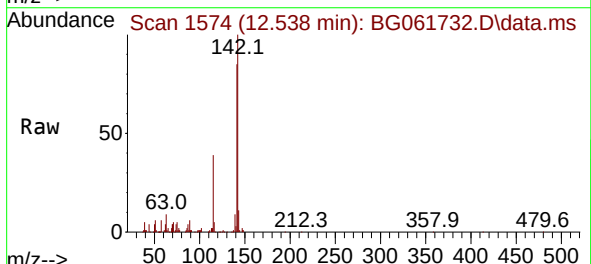
Manual Integrations
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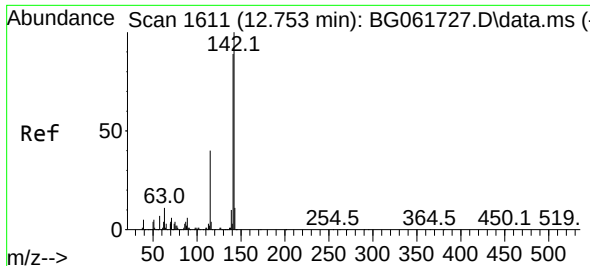
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#36
2-Methylnaphthalene
Concen: 13.310 ng/ul
RT: 12.538 min Scan# 1574
Delta R.T. -0.004 min
Lab File: BG061732.D
Acq: 26 Jun 2024 12:51

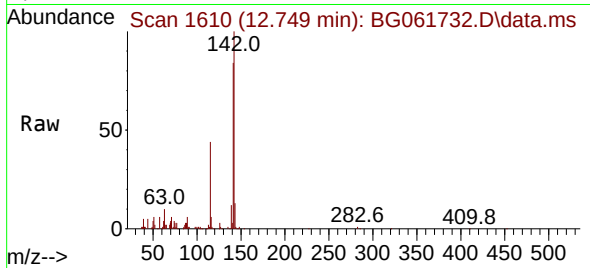
Tgt Ion:142 Resp: 154161
Ion Ratio Lower Upper
142 100
141 84.7 68.5 102.7





#37
1-Methylnaphthalene
Concen: 6.849 ng/ul
RT: 12.749 min Scan# 1610
Delta R.T. -0.004 min
Lab File: BG061732.D
Acq: 26 Jun 2024 12:51

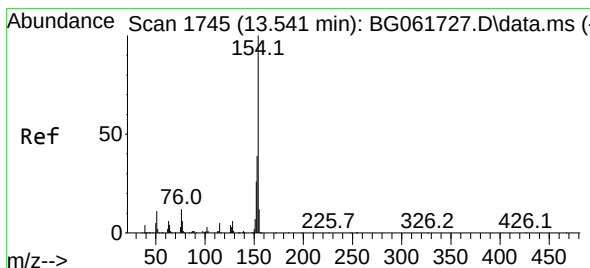
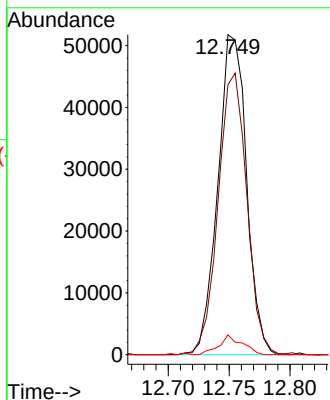
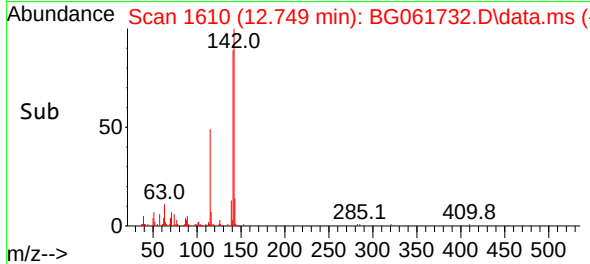
Instrument :
BNA_G
ClientSampleId :
C0SJ9DL2



Tgt Ion:142 Resp: 84639
Ion Ratio Lower Upper
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141 84.3 64.6 97.0
116 6.2 3.0 4.6

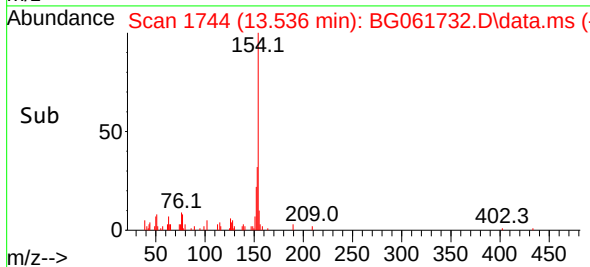
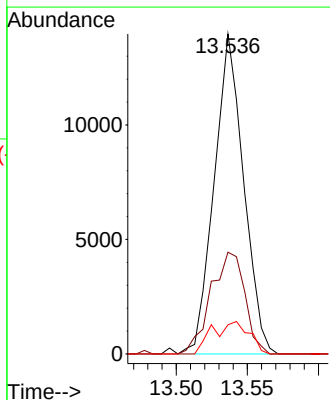
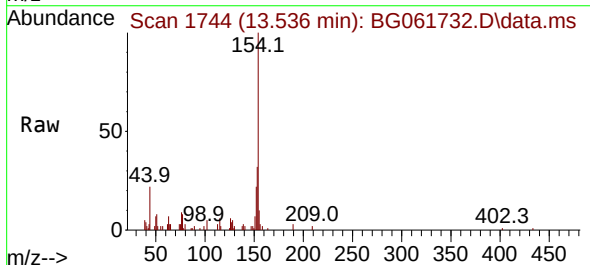
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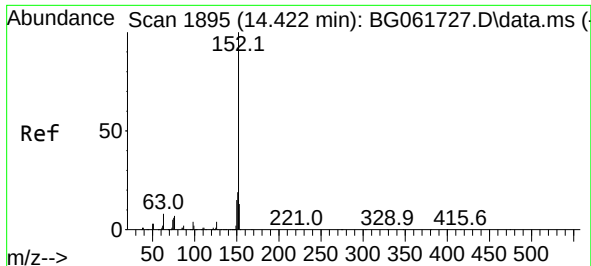
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#43
1,1'-Biphenyl
Concen: 1.338 ng/ul
RT: 13.536 min Scan# 1744
Delta R.T. -0.004 min
Lab File: BG061732.D
Acq: 26 Jun 2024 12:51

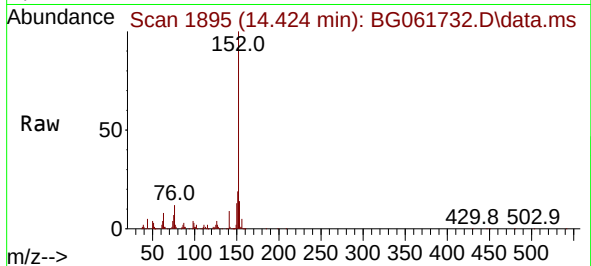
Tgt Ion:154 Resp: 20101
Ion Ratio Lower Upper
154 100
153 31.8 31.4 47.0
76 9.1 11.0 16.4





#50
Acenaphthylene
Concen: 5.543 ng/ul
RT: 14.424 min Scan# 1895
Delta R.T. -0.004 min
Lab File: BG061732.D
Acq: 26 Jun 2024 12:51

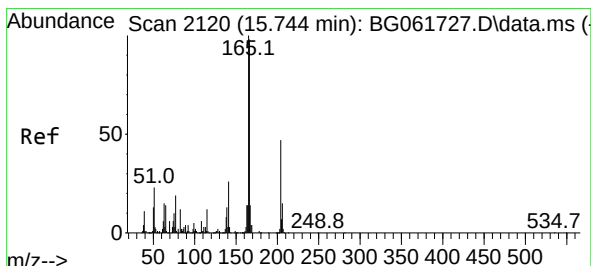
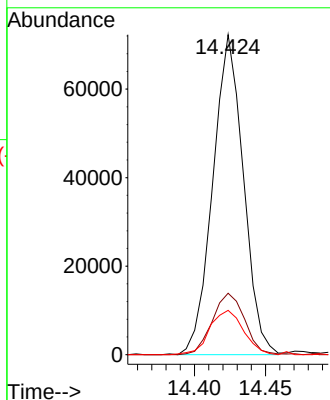
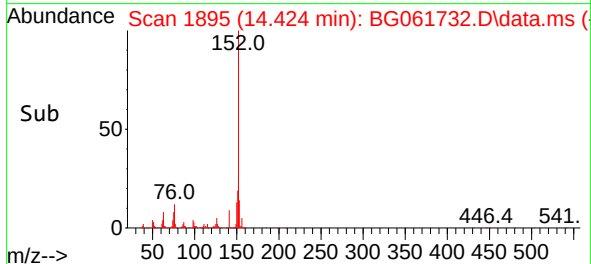
Instrument :
BNA_G
ClientSampleId :
C0SJ9DL2



Tgt Ion:152 Resp: 10821
Ion Ratio Lower Upper
152 100
151 19.2 15.3 22.9
153 13.8 11.0 16.4

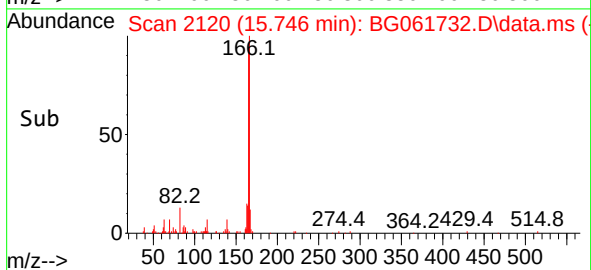
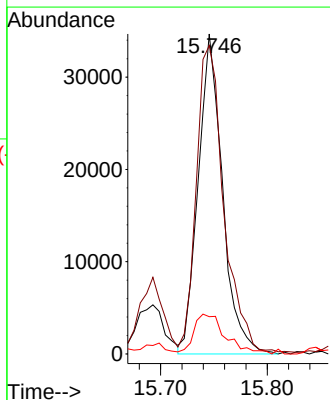
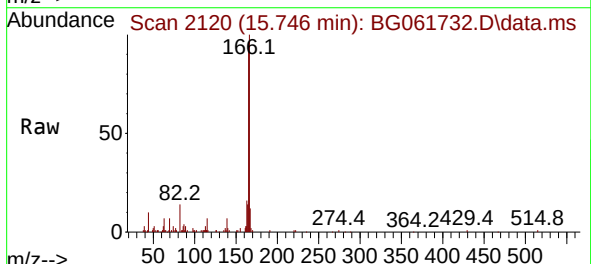
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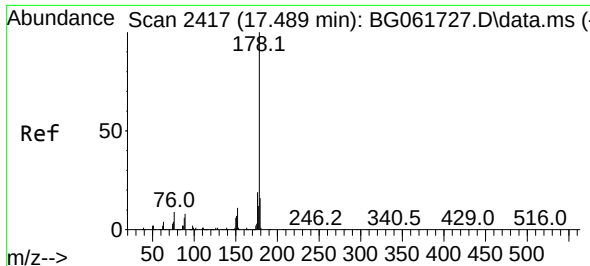
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#61
Fluorene
Concen: 3.504 ng/ul
RT: 15.746 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BG061732.D
Acq: 26 Jun 2024 12:51

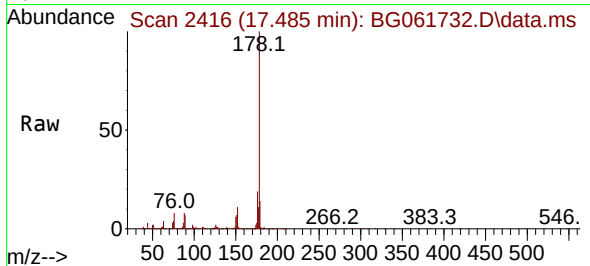
Tgt Ion:166 Resp: 54859
Ion Ratio Lower Upper
166 100
165 96.4 84.9 127.3
167 11.6 10.9 16.3





#72
Phenanthrene
Concen: 12.167 ng/ul
RT: 17.485 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG061732.D
Acq: 26 Jun 2024 12:51

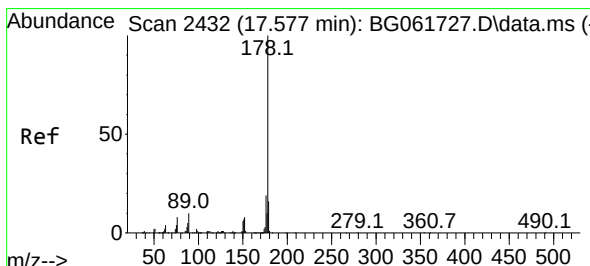
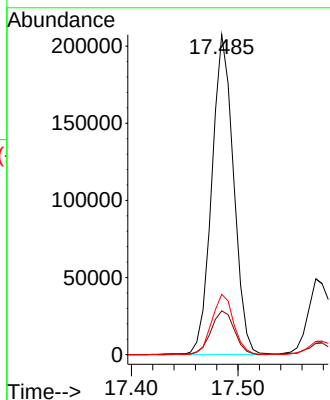
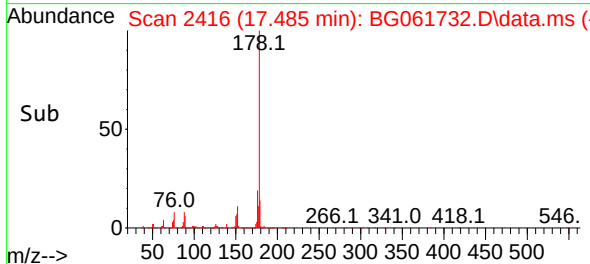
Instrument :
BNA_G
ClientSampleId :
C0SJ9DL2



Tgt Ion:178 Resp: 293192
Ion Ratio Lower Upper
178 100
179 13.7 12.0 18.0
176 18.9 16.2 24.2

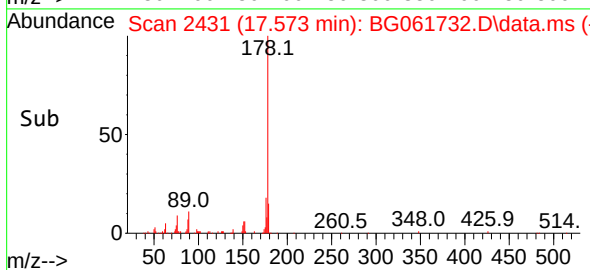
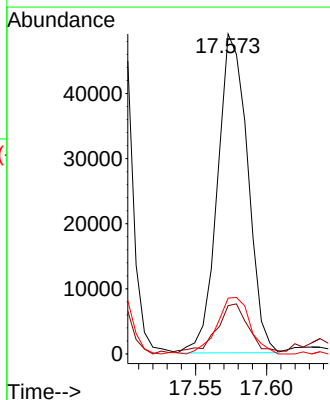
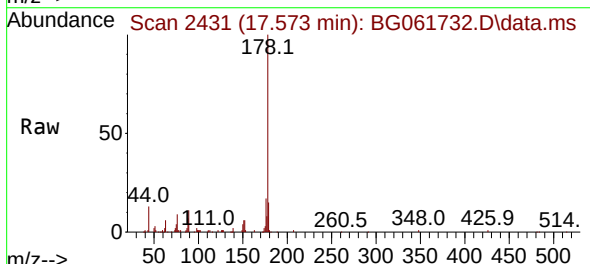
Manual Integrations
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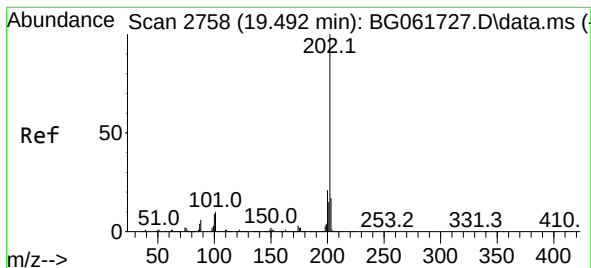
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#74
Anthracene
Concen: 2.933 ng/ul
RT: 17.573 min Scan# 2431
Delta R.T. -0.004 min
Lab File: BG061732.D
Acq: 26 Jun 2024 12:51

Tgt Ion:178 Resp: 72288
Ion Ratio Lower Upper
178 100
179 15.1 11.4 17.2
176 17.5 14.7 22.1





#80

Fluoranthene

Concen: 4.352 ng/ul m

RT: 19.488 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG061732.D

Acq: 26 Jun 2024 12:51

Instrument :

BNA_G

ClientSampleId :

C0SJ9DL2

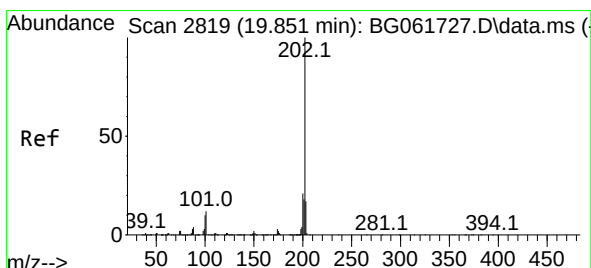
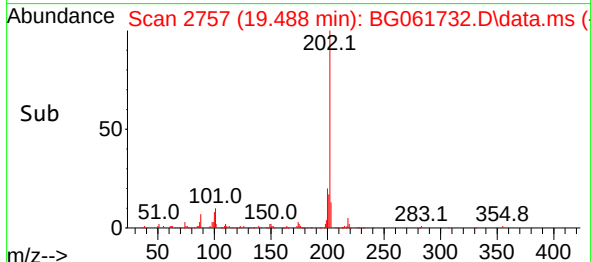
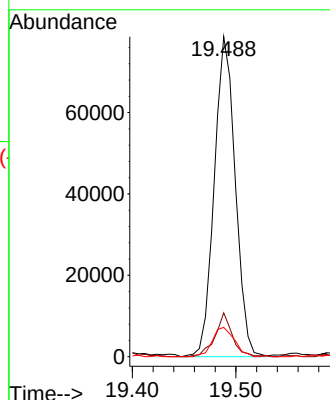
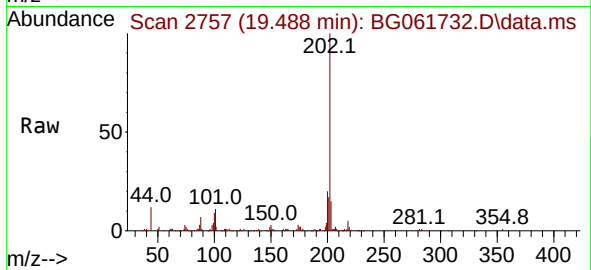
Tgt Ion:202 Resp: 111425
 Ion Ratio Lower Upper
 202 100
 101 11.4 7.8 11.6
 100 9.2 7.7 11.5

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#82

Pyrene

Concen: 5.076 ng/ul

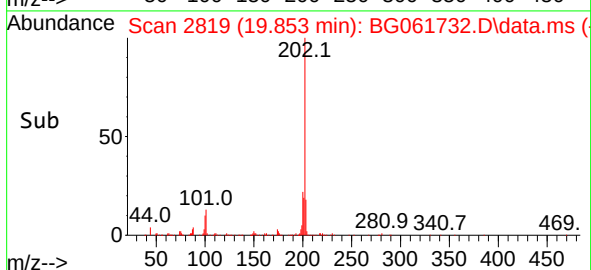
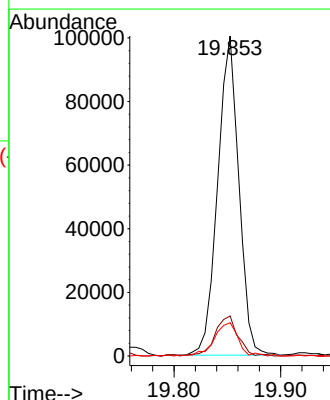
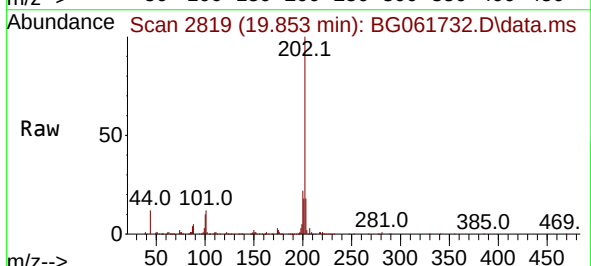
RT: 19.853 min Scan# 2819

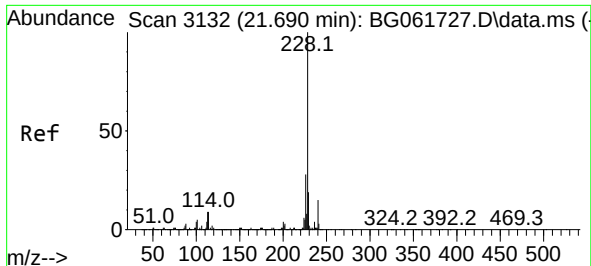
Delta R.T. 0.002 min

Lab File: BG061732.D

Acq: 26 Jun 2024 12:51

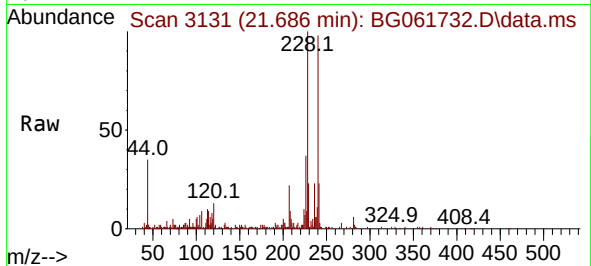
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 Ion Ratio Lower Upper
 202 100
 101 12.5 10.1 15.1
 100 10.4 9.9 14.9





#85
Benzo(a)anthracene
Concen: 2.272 ng/ul m
RT: 21.686 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BG061732.D
Acq: 26 Jun 2024 12:51

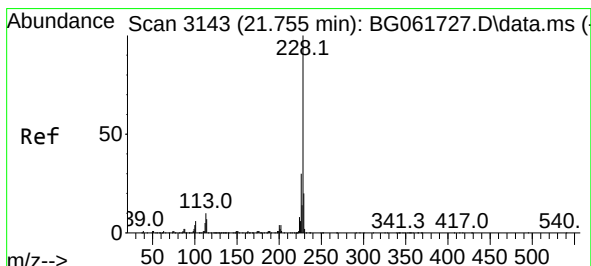
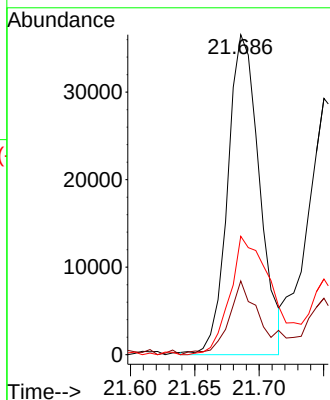
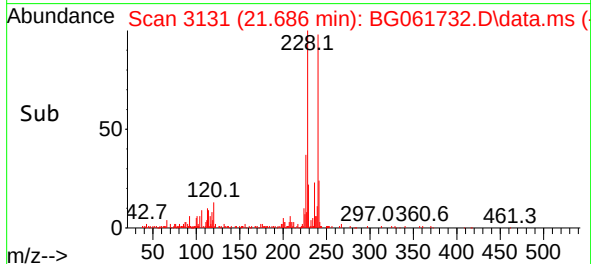
Instrument :
BNA_G
ClientSampleId :
C0SJ9DL2



Tgt Ion:228 Resp: 63020
Ion Ratio Lower Upper
228 100
229 23.0 15.8 23.8
226 37.0 21.4 32.2

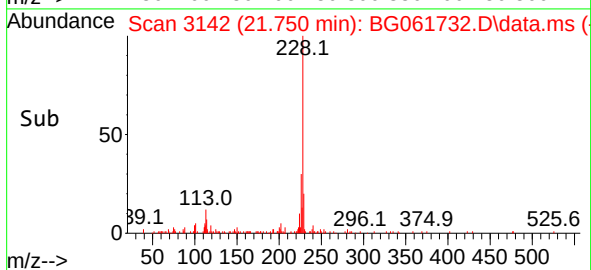
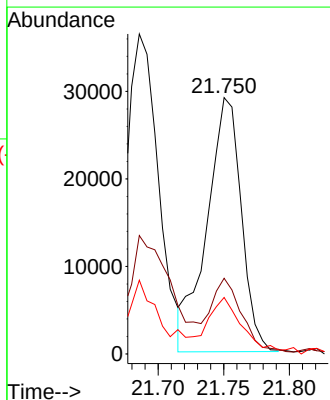
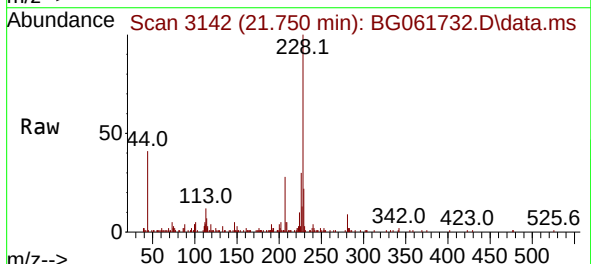
Manual Integrations
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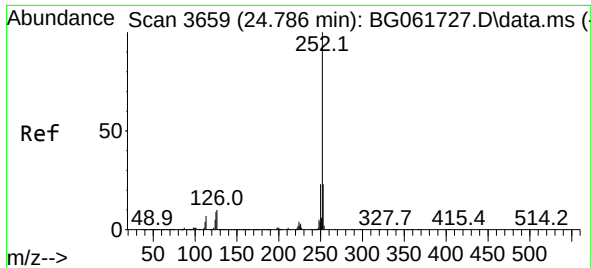
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#87
Chrysene
Concen: 2.019 ng/ul
RT: 21.750 min Scan# 3142
Delta R.T. -0.010 min
Lab File: BG061732.D
Acq: 26 Jun 2024 12:51

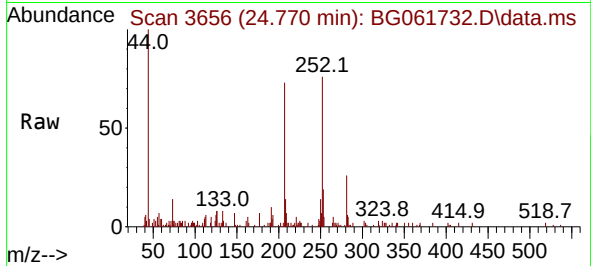
Tgt Ion:228 Resp: 52981
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 22.0 16.5 24.7





#93
 Benzo(a)pyrene
 Concen: 1.028 ng/ul
 RT: 24.770 min Scan# 30
 Delta R.T. -0.022 min
 Lab File: BG061732.D
 Acq: 26 Jun 2024 12:51

Instrument :
 BNA_G
 ClientSampleId :
 C0SJ9DL2



Tgt Ion:252 Resp: 28490
 Ion Ratio Lower Upper
 252 100
 253 25.5 16.8 25.2
 125 8.4 6.5 9.7

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