

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061685.D
 Acq On : 24 Jun 2024 21:38
 Operator : MA/JU
 Sample : P2856-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COSJ0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 24 23:57:26 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	8.073	152	56196	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	306368	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.700	164	215005	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	523812	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	441674	20.000	ng/u1	0.00
88) Perylene-d12	24.941	264	521250	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	7842	5.041	ng/uL	0.00
4) Pyridine-d5	3.889	84	64187	13.647	ng/u1	0.00
7) Phenol-d5	7.215	99	162868	26.697	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	99257	26.100	ng/u1	0.00
11) 2-Chlorophenol-d4	7.603	132	110430	26.378	ng/u1	0.00
15) 4-Methylphenol-d8	8.766	113	132686	28.134	ng/u1	0.00
21) Nitrobenzene-d5	9.236	128	57051	27.425	ng/u1	0.00
24) 2-Nitrophenol-d4	9.959	143	66938	31.771	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	131168	26.293	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	172954	22.899	ng/u1	0.00
46) Dimethylphthalate-d6	14.107	166	451989	27.318	ng/u1	0.00
49) Acenaphthylene-d8	14.395	160	517397	28.534	ng/u1	0.00
54) 4-Nitrophenol-d4	14.877	143	77658	27.329	ng/u1	0.00
60) Fluorene-d10	15.693	176	422244	29.151	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	56878	25.394	ng/u1	0.00
73) Anthracene-d10	17.544	188	683725	28.596	ng/u1	0.00
81) Pyrene-d10	19.824	212	741124	30.040	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.718	264	728988	29.282	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.895	105	9879m	1.272	ng/u1	
26) 2,4-Dimethylphenol	10.041	107	15953m	2.589	ng/u1	
30) Naphthalene	10.940	128	2410410	140.612	ng/u1	99
36) 2-Methylnaphthalene	12.538	142	292519	24.184	ng/u1	96
37) 1-Methylnaphthalene	12.756	142	176087	13.644	ng/u1#	93
43) 1,1'-Biphenyl	13.537	154	29128	1.870	ng/u1	98
50) Acenaphthylene	14.424	152	53376	2.637	ng/u1#	88
61) Fluorene	15.746	166	48841	3.009	ng/u1	93
72) Phenanthrene	17.485	178	166059	6.026	ng/u1	97
74) Anthracene	17.579	178	34560	1.226	ng/u1	96
80) Fluoranthene	19.489	202	35029	1.224	ng/u1	97
82) Pyrene	19.853	202	50994	1.675	ng/u1#	95

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

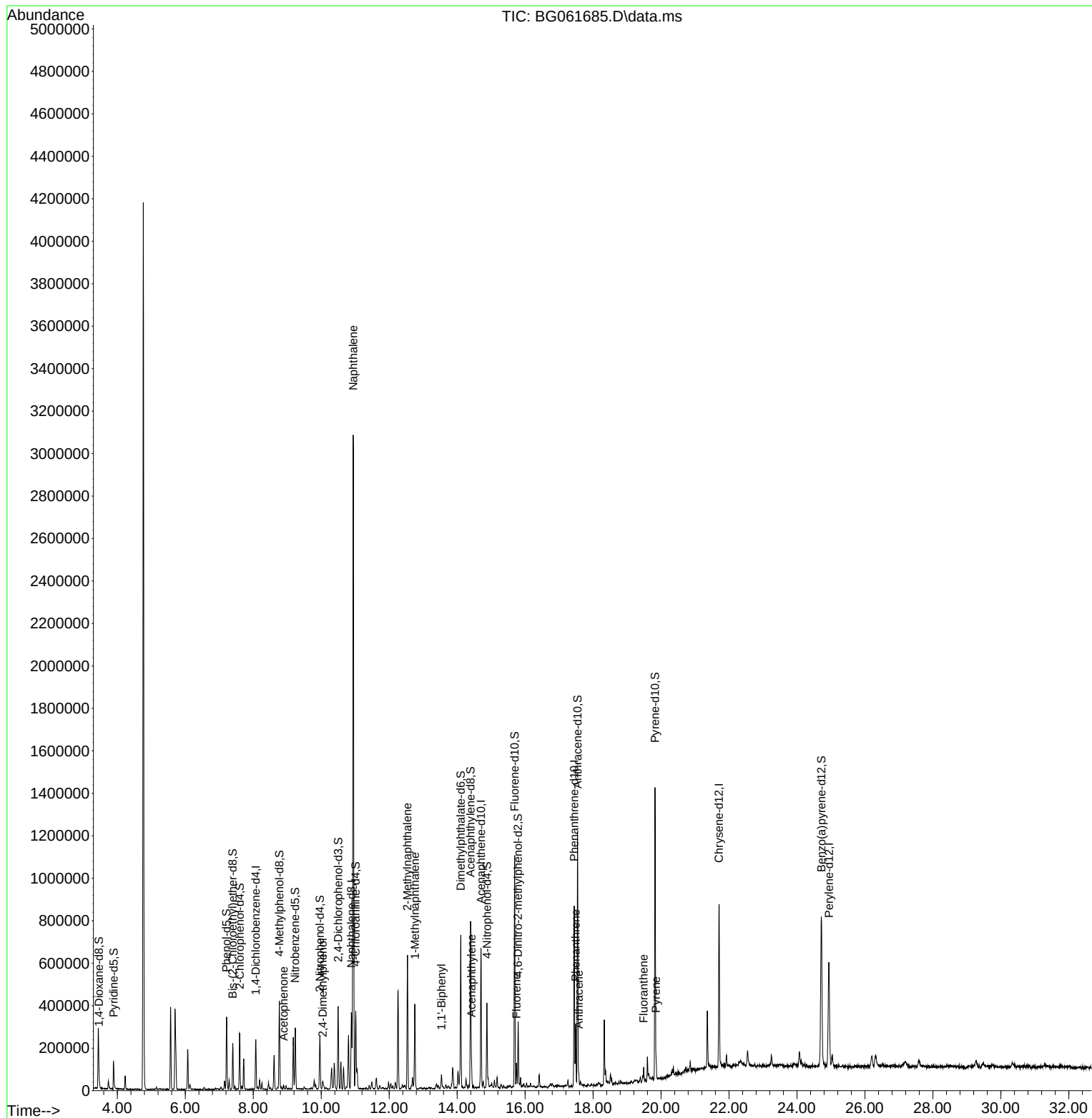
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061685.D
Acq On : 24 Jun 2024 21:38
Operator : MA/JU
Sample : P2856-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

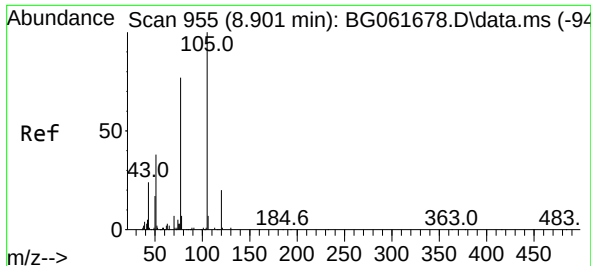
Instrument :
BNA_G
ClientSampleId :
C0SJ0

Quant Time: Jun 24 23:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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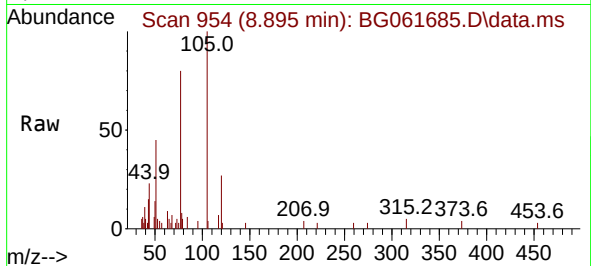
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024





#16
Acetophenone
Concen: 1.272 ng/ul m
RT: 8.895 min Scan# 914
Delta R.T. -0.004 min
Lab File: BG061685.D
Acq: 24 Jun 2024 21:38

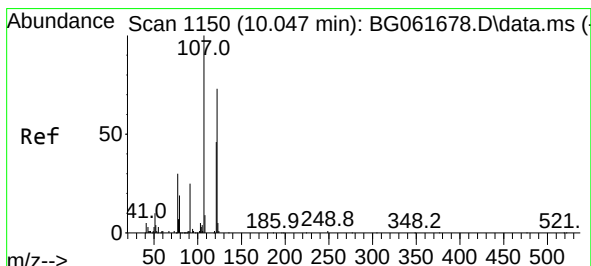
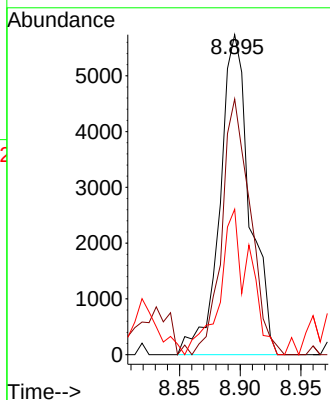
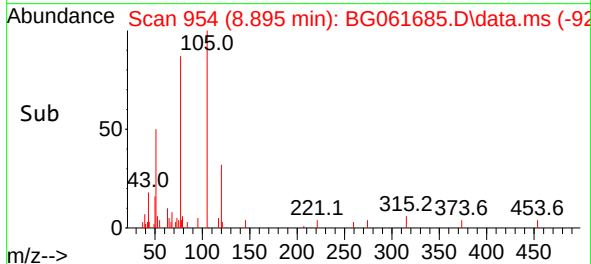
Instrument :
BNA_G
ClientSampleId :
COSJ0



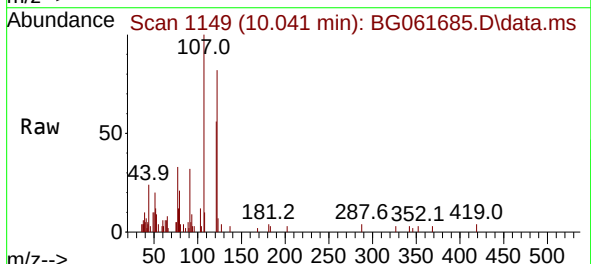
Tgt Ion:105 Resp: 9879
Ion Ratio Lower Upper
105 100
77 79.9 60.4 90.6
51 45.5 31.1 46.7

Manual Integrations
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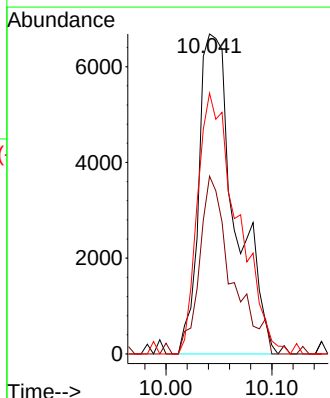
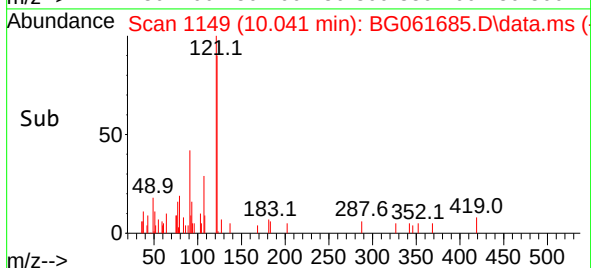
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

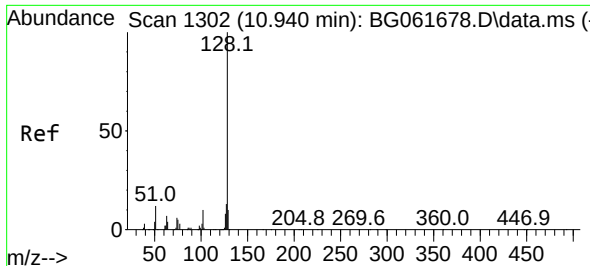


#26
2,4-Dimethylphenol
Concen: 2.589 ng/ul m
RT: 10.041 min Scan# 1149
Delta R.T. 0.002 min
Lab File: BG061685.D
Acq: 24 Jun 2024 21:38



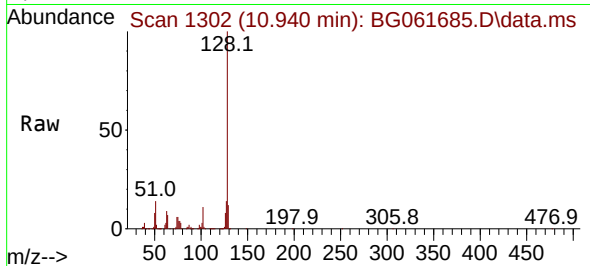
Tgt Ion:107 Resp: 15953
Ion Ratio Lower Upper
107 100
121 55.6 34.5 51.7#
122 81.5 60.3 90.5





#30
Naphthalene
Concen: 140.612 ng/ul
RT: 10.940 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG061685.D
Acq: 24 Jun 2024 21:38

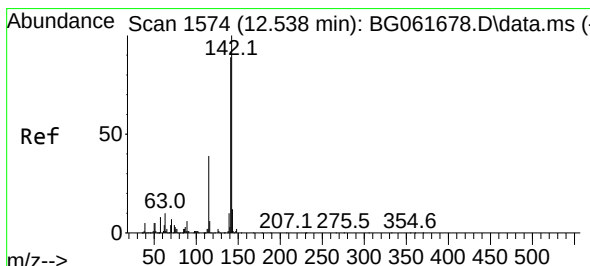
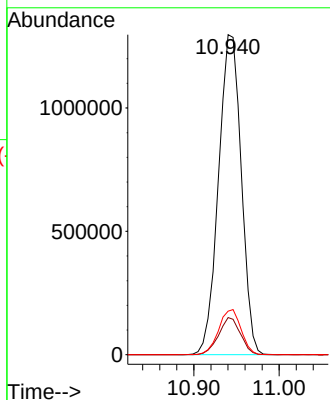
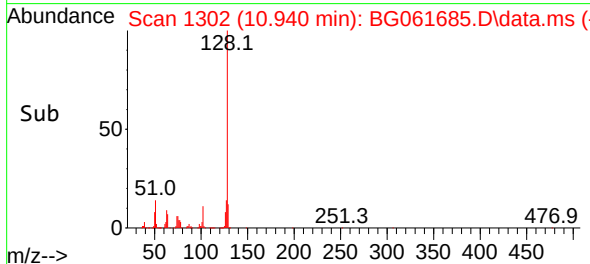
Instrument :
BNA_G
ClientSampleId :
COSJ0



Tgt Ion:128 Resp: 2410410
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.6 10.5 15.7

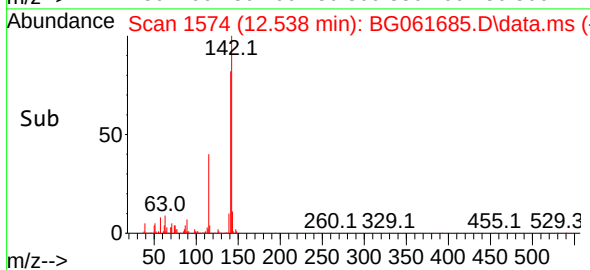
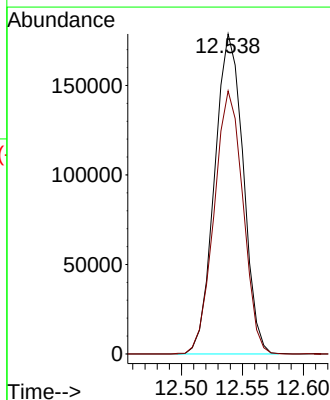
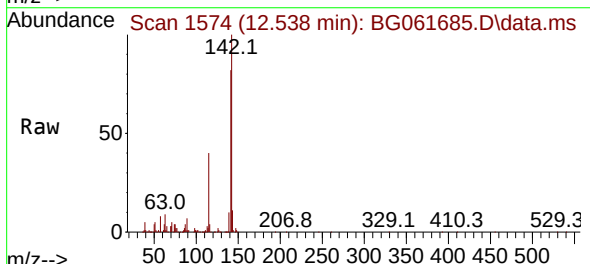
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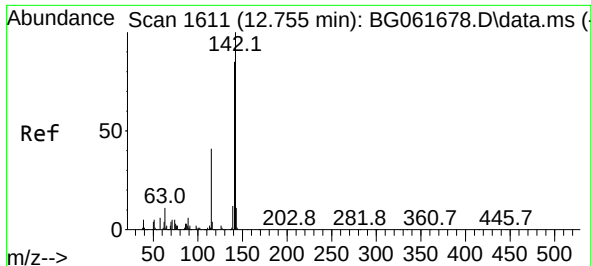
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#36
2-Methylnaphthalene
Concen: 24.184 ng/ul
RT: 12.538 min Scan# 1574
Delta R.T. -0.004 min
Lab File: BG061685.D
Acq: 24 Jun 2024 21:38

Tgt Ion:142 Resp: 292519
Ion Ratio Lower Upper
142 100
141 82.2 68.5 102.7





#37

1-Methylnaphthalene

Concen: 13.644 ng/ul

RT: 12.756 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG061685.D

Acq: 24 Jun 2024 21:38

Instrument :

BNA_G

ClientSampleId :

COSJO

Tgt Ion:142 Resp: 17608

Ion Ratio Lower Upper

142 100

141 86.9 64.6 97.0

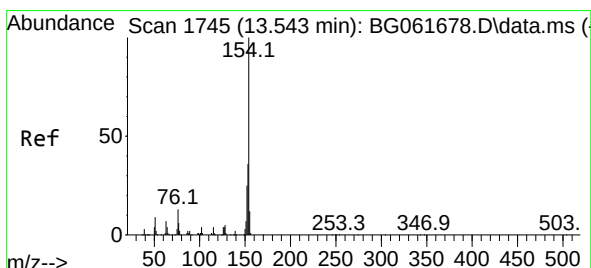
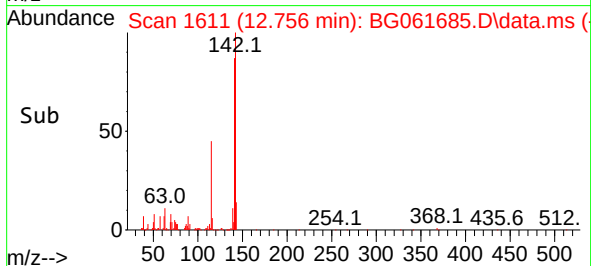
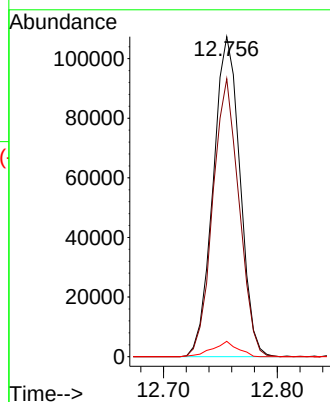
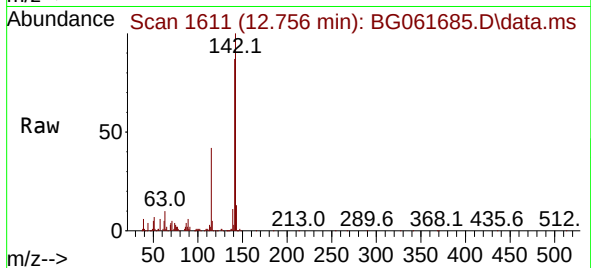
116 4.8 3.0 4.6

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#43

1,1'-Biphenyl

Concen: 1.870 ng/ul

RT: 13.537 min Scan# 1744

Delta R.T. -0.004 min

Lab File: BG061685.D

Acq: 24 Jun 2024 21:38

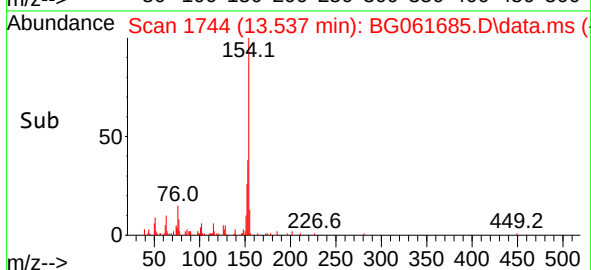
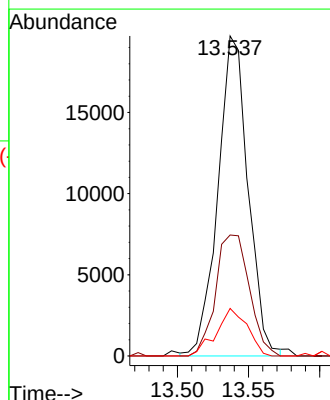
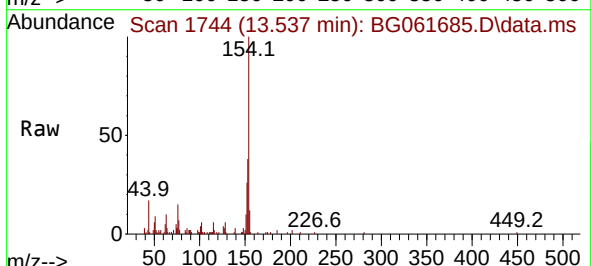
Tgt Ion:154 Resp: 29128

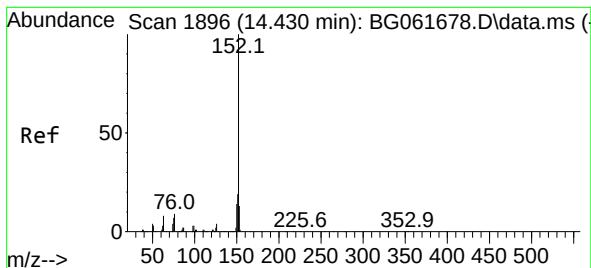
Ion Ratio Lower Upper

154 100

153 37.8 31.4 47.0

76 14.8 11.0 16.4





#50

Acenaphthylene

Concen: 2.637 ng/ul

RT: 14.424 min Scan# 1895

Delta R.T. -0.004 min

Lab File: BG061685.D

Acq: 24 Jun 2024 21:38

Instrument :

BNA_G

ClientSampleId :

C0SJ0

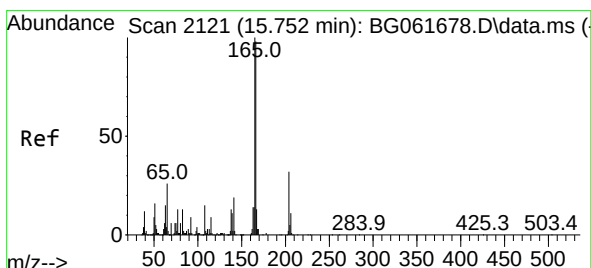
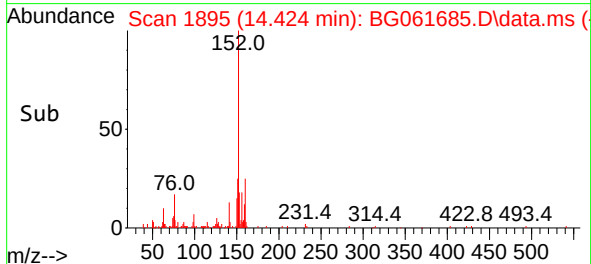
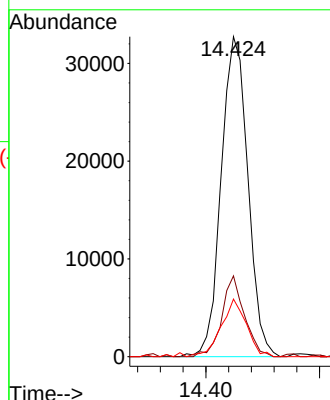
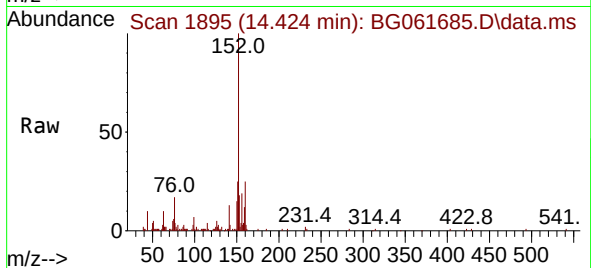
Tgt Ion:	152	Resp:	53370
Ion Ratio	Lower	Upper	
152	100		
151	25.3	15.3	22.9
153	18.0	11.0	16.4

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#61

Fluorene

Concen: 3.009 ng/ul

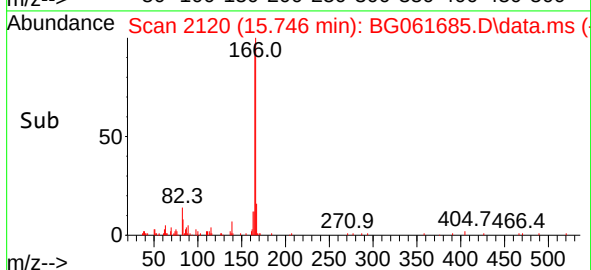
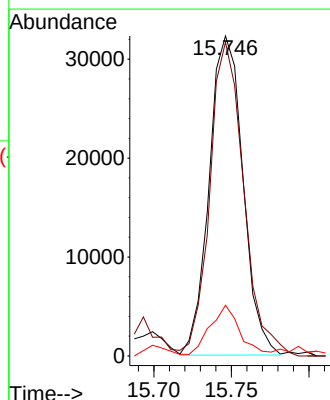
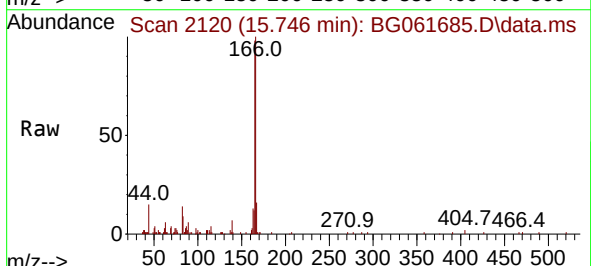
RT: 15.746 min Scan# 2120

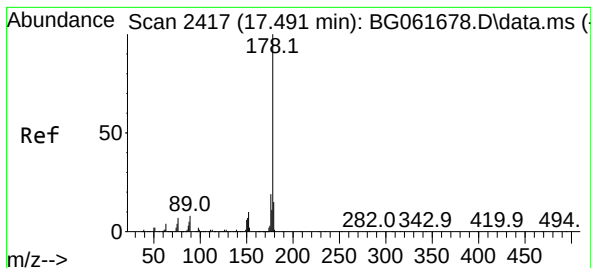
Delta R.T. -0.004 min

Lab File: BG061685.D

Acq: 24 Jun 2024 21:38

Tgt Ion:	166	Resp:	48841
Ion Ratio	Lower	Upper	
166	100		
165	98.1	84.9	127.3
167	15.9	10.9	16.3





#72

Phenanthrene

Concen: 6.026 ng/u1

RT: 17.485 min Scan# 2416

Delta R.T. -0.004 min

Lab File: BG061685.D

Acq: 24 Jun 2024 21:38

Instrument :

BNA_G

ClientSampleId :

COSJO

Tgt Ion:178 Resp: 166059

Ion Ratio Lower Upper

178 100

179 15.9 12.0 18.0

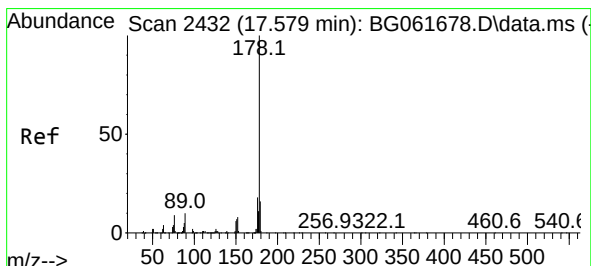
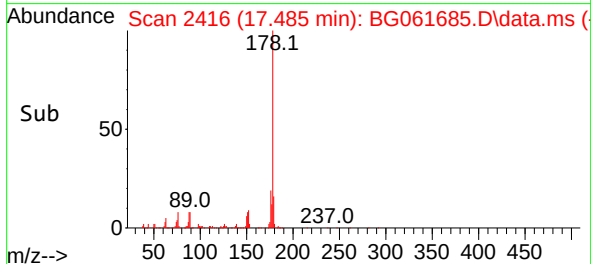
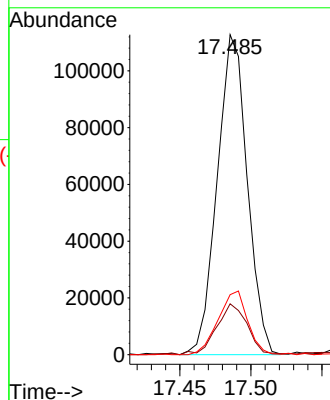
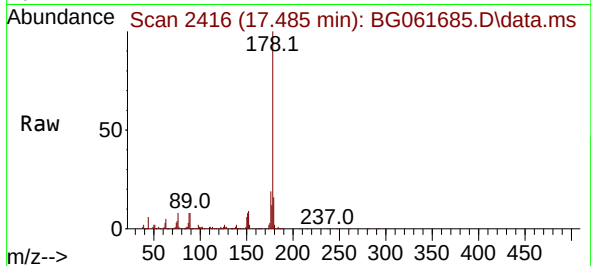
176 18.7 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/27/2024



#74

Anthracene

Concen: 1.226 ng/u1

RT: 17.579 min Scan# 2432

Delta R.T. 0.002 min

Lab File: BG061685.D

Acq: 24 Jun 2024 21:38

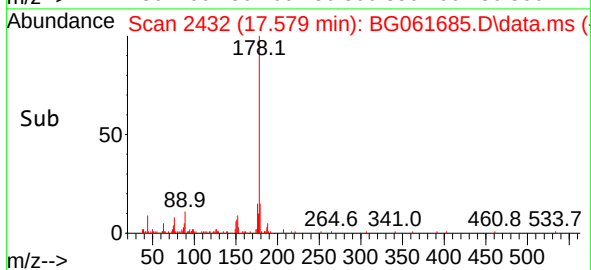
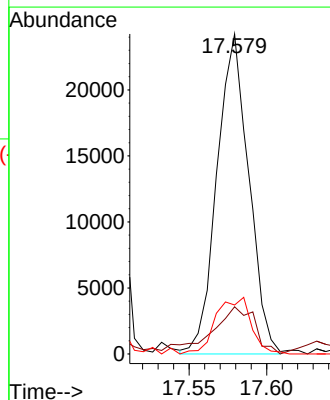
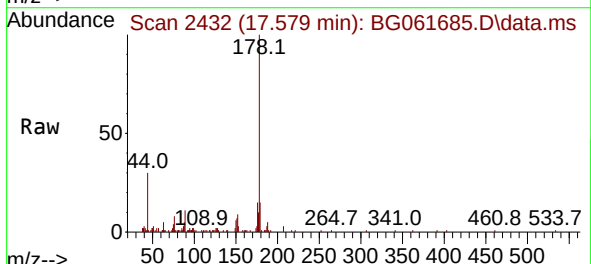
Tgt Ion:178 Resp: 34560

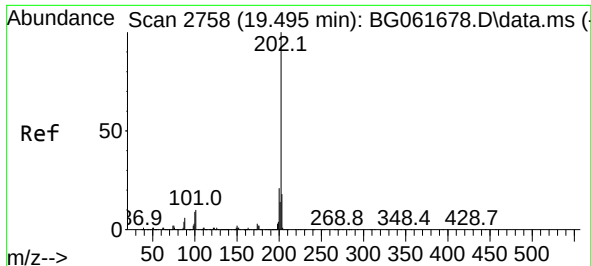
Ion Ratio Lower Upper

178 100

179 14.8 11.4 17.2

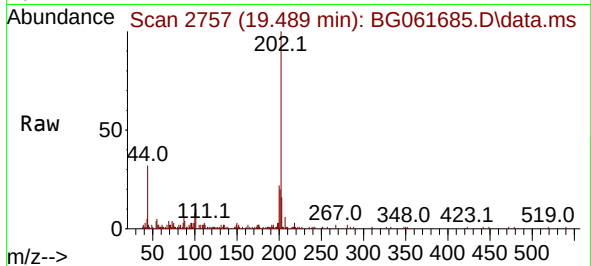
176 15.3 14.7 22.1





#80
Fluoranthene
Concen: 1.224 ng/ul
RT: 19.489 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG061685.D
Acq: 24 Jun 2024 21:38

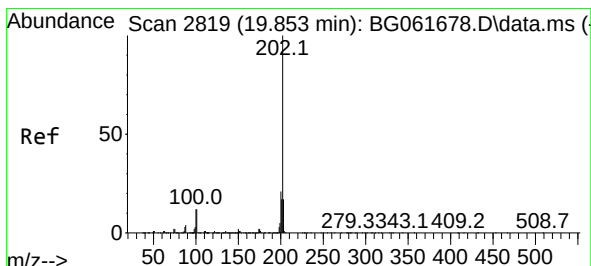
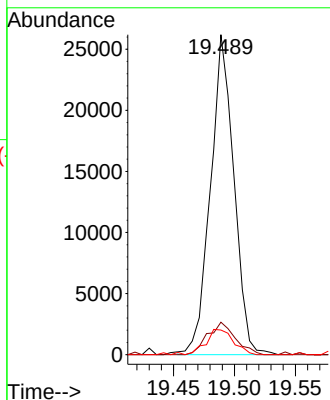
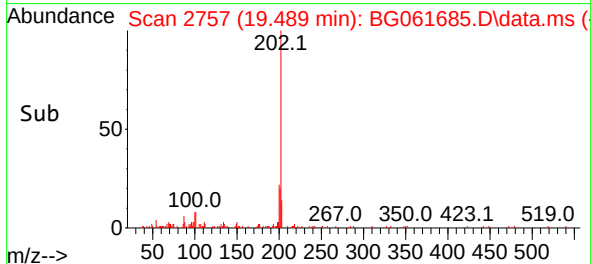
Instrument :
BNA_G
ClientSampleId :
COSJ0



Tgt Ion:202 Resp: 35029
Ion Ratio Lower Upper
202 100
101 10.1 7.8 11.6
100 7.7 7.7 11.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#82
Pyrene
Concen: 1.675 ng/ul
RT: 19.853 min Scan# 2819
Delta R.T. 0.002 min
Lab File: BG061685.D
Acq: 24 Jun 2024 21:38

Tgt Ion:202 Resp: 50994
Ion Ratio Lower Upper
202 100
101 15.5 10.1 15.1#
100 13.6 9.9 14.9

