

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061408.D
 Acq On : 1 Jun 2024 1:43
 Operator : MA/JU
 Sample : P2588-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6D8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: Jun 01 02:19:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	30941	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	122879	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	93509	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	213328	20.000	ng/u1	0.00
79) Chrysene-d12	21.514	240	215336	20.000	ng/u1	0.00
88) Perylene-d12	24.605	264	251393	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1656	2.995	ng/uL	0.00
4) Pyridine-d5	3.747	84	13437	6.831	ng/u1	0.00
7) Phenol-d5	7.060	99	32079	12.625	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	21567	13.504	ng/u1	0.00
11) 2-Chlorophenol-d4	7.413	132	26588	14.139	ng/u1	0.00
15) 4-Methylphenol-d8	8.594	113	14765	6.815	ng/u1	0.00
21) Nitrobenzene-d5	9.029	128	14082	14.885	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	16478	14.882	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	31005	14.364	ng/u1	0.00
31) 4-Chloroaniline-d4	10.797	131	6334	2.243	ng/u1	0.00
46) Dimethylphthalate-d6	13.911	166	108828	15.006	ng/u1	0.00
49) Acenaphthylene-d8	14.199	160	121378	16.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	9686m	10.803	ng/u1	0.00
60) Fluorene-d10	15.503	176	103074	16.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	12593m	9.760	ng/u1	0.00
73) Anthracene-d10	17.354	188	165403	17.587	ng/u1	0.00
81) Pyrene-d10	19.651	212	199826	18.073	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.387	264	207628	17.179	ng/u1	0.00
Target Compounds	Qvalue					
50) Acenaphthylene	14.234	152	9904m	1.185	ng/u1	
72) Phenanthrene	17.301	178	199254	19.244	ng/u1	98
74) Anthracene	17.389	178	12583	1.175	ng/u1	98
77) Carbazole	17.666	167	36369	4.177	ng/u1	96
78) Di-n-butylphthalate	18.224	149	57845	5.302	ng/u1	98
80) Fluoranthene	19.317	202	747431	56.351	ng/u1	99
82) Pyrene	19.681	202	646324	46.944	ng/u1	100
83) Butylbenzylphthalate	20.568	149	15179	3.209	ng/u1	96
85) Benzo(a)anthracene	21.496	228	327544	22.045	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.402	149	256909	36.696	ng/u1	99
87) Chrysene	21.561	228	452492	33.074	ng/u1	97
90) Benzo(b)fluoranthene	23.629	252	640663	42.803	ng/u1	98
91) Benzo(k)fluoranthene	23.682	252	260336m	17.133	ng/u1	
93) Benzo(a)pyrene	24.458	252	355461	25.010	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	28.106	276	323688	18.832	ng/u1	98
95) Dibenzo(a,h)anthracene	28.136	278	80492m	5.680	ng/u1	
96) Benzo(g,h,i)perylene	29.193	276	248961	18.208	ng/u1	100

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

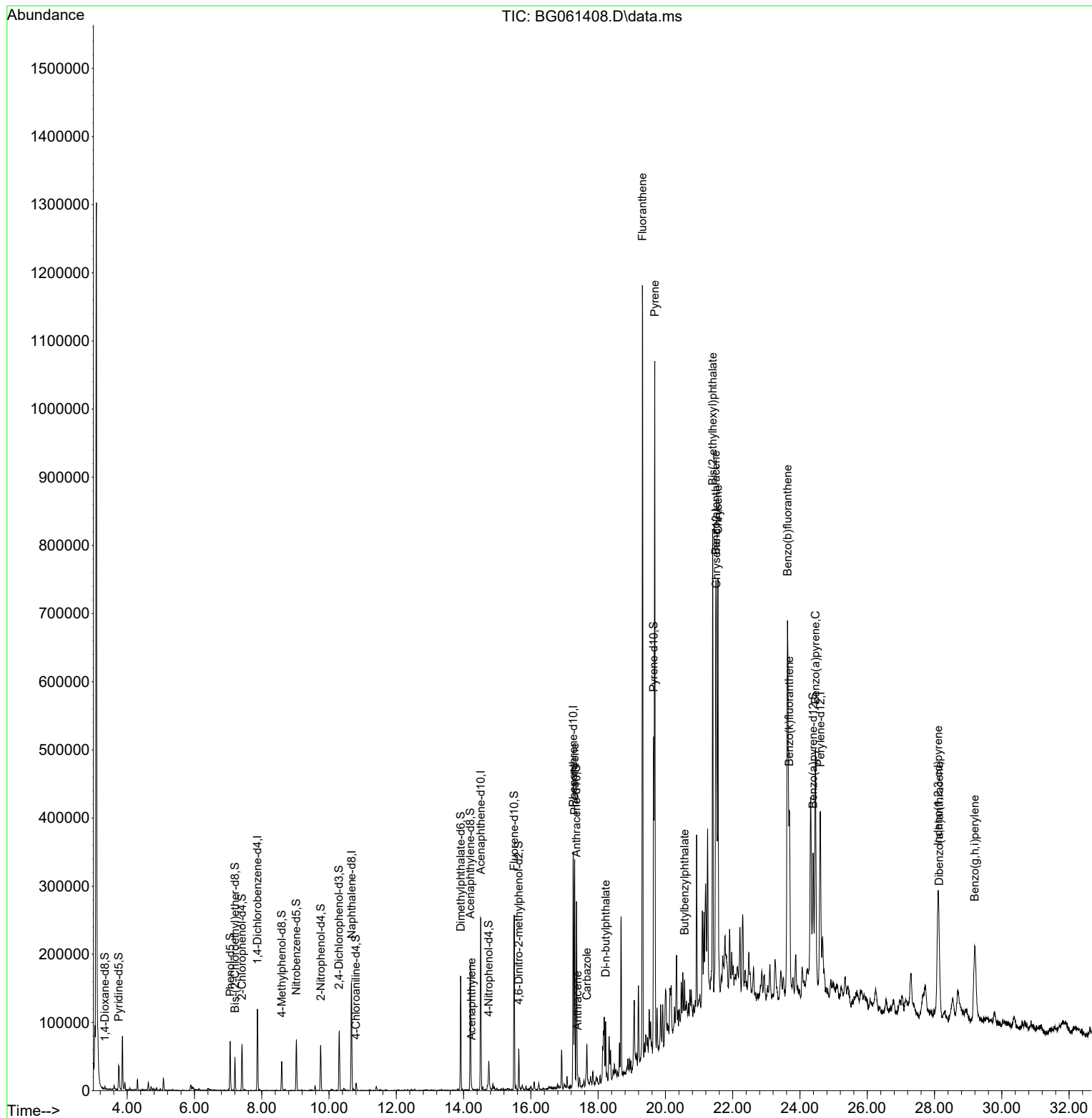
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061408.D
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 Operator : MA/JU
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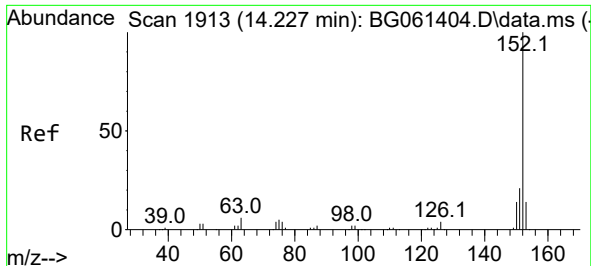
Instrument :
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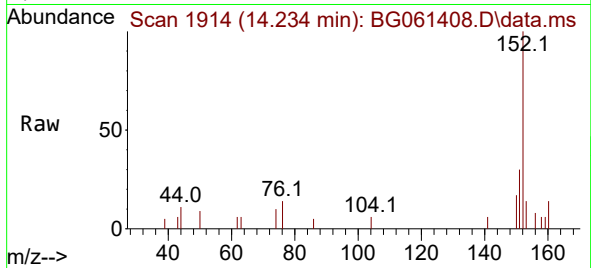
Quant Time: Jun 01 02:19:01 2024
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#50
Acenaphthylene
Concen: 1.185 ng/ul m
RT: 14.234 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43

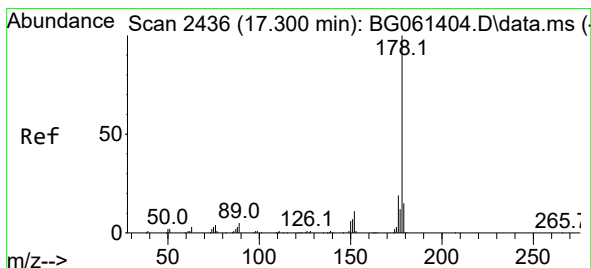
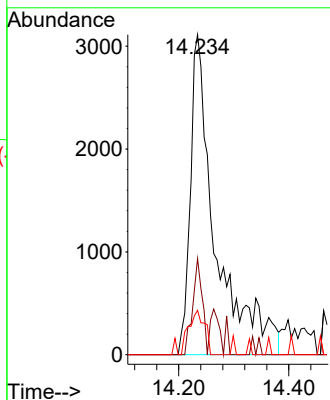
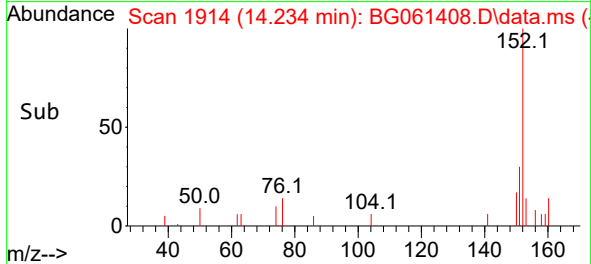
Instrument :
BNA_G
ClientSampleId :
BH6D8



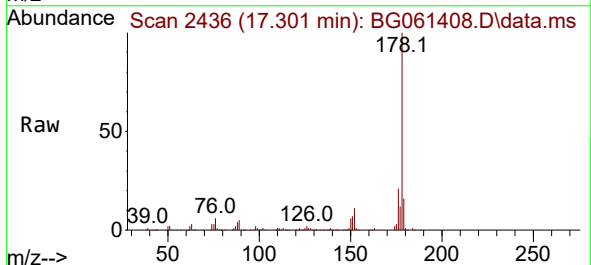
Tgt Ion:152 Resp: 9904
Ion Ratio Lower Upper
152 100
151 30.0 16.2 24.2
153 13.9 10.2 15.4

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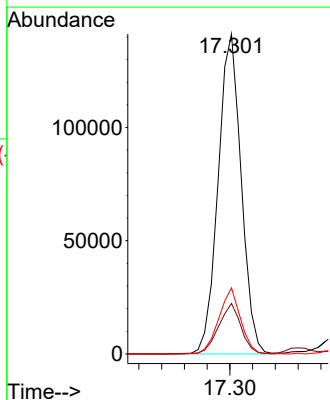
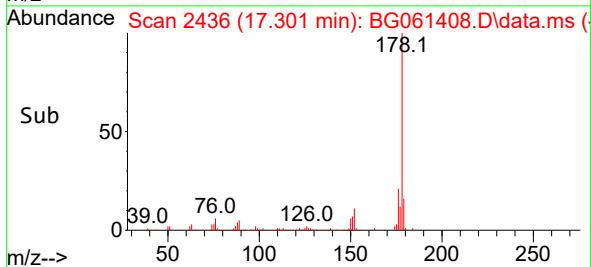
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

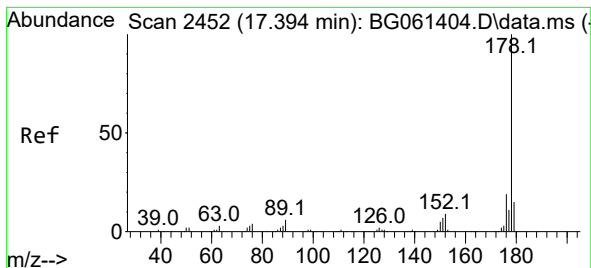


#72
Phenanthrene
Concen: 19.244 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43



Tgt Ion:178 Resp: 199254
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 20.6 15.5 23.3





#74

Anthracene

Concen: 1.175 ng/ul

RT: 17.389 min Scan# 2452

Delta R.T. -0.004 min

Lab File: BG061408.D

Acq: 1 Jun 2024 1:43

Instrument :

BNA_G

ClientSampleId :

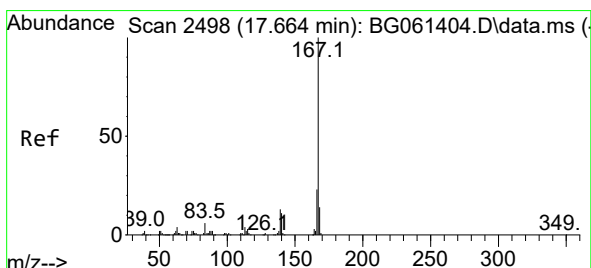
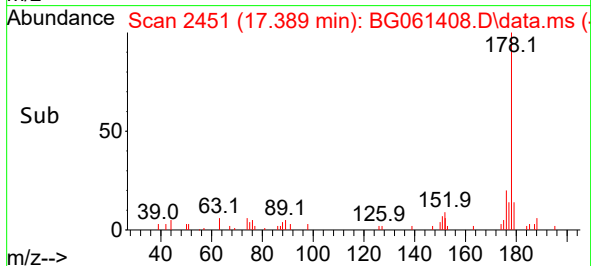
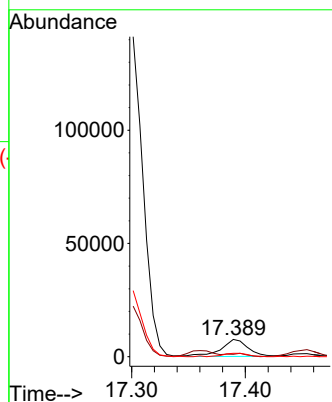
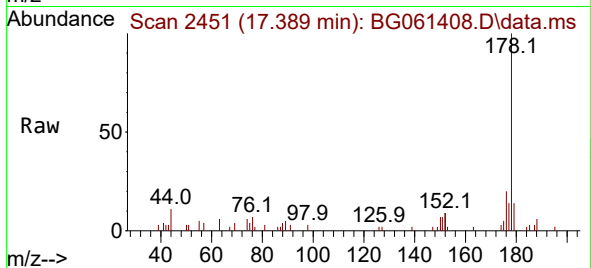
BH6D8

Tgt Ion:178	Resp:	1258
Ion Ratio	Lower	Upper
178	100	
179	14.5	11.8 17.6
176	19.8	14.9 22.3

Manual Integrations

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#77

Carbazole

Concen: 4.177 ng/ul

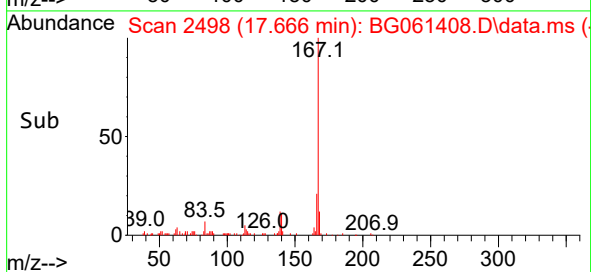
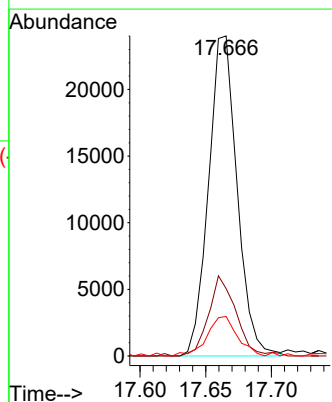
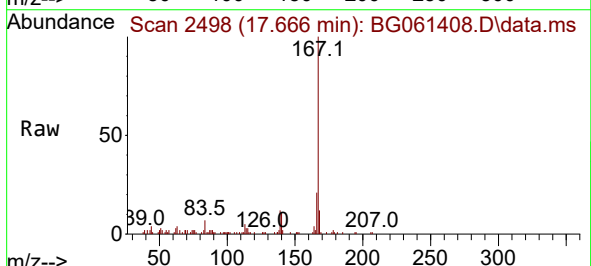
RT: 17.666 min Scan# 2498

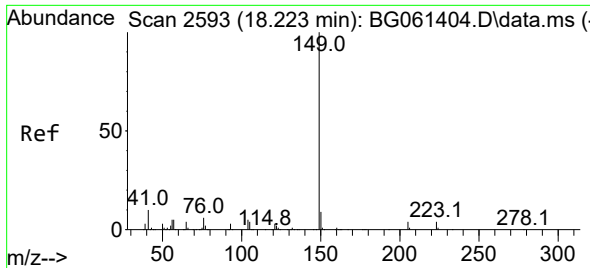
Delta R.T. 0.002 min

Lab File: BG061408.D

Acq: 1 Jun 2024 1:43

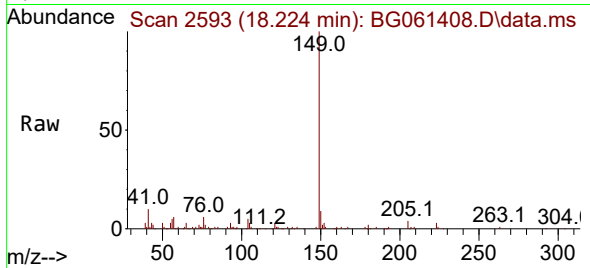
Tgt Ion:167	Resp:	36369
Ion Ratio	Lower	Upper
167	100	
166	21.1	18.6 28.0
139	12.4	10.6 15.8





#78
Di-n-butylphthalate
Concen: 5.302 ng/ul
RT: 18.224 min Scan# 2593
Delta R.T. 0.002 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43

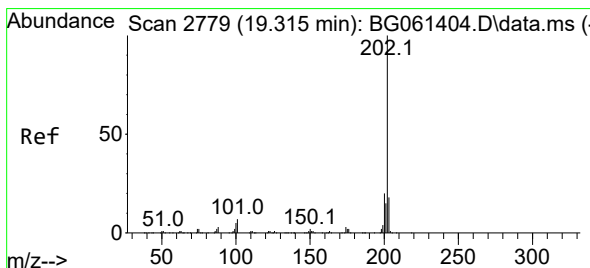
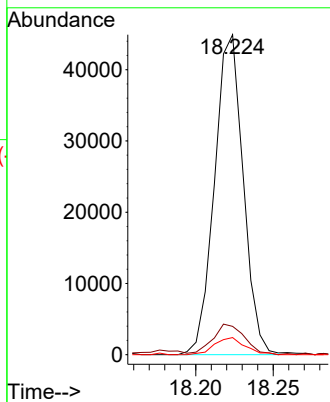
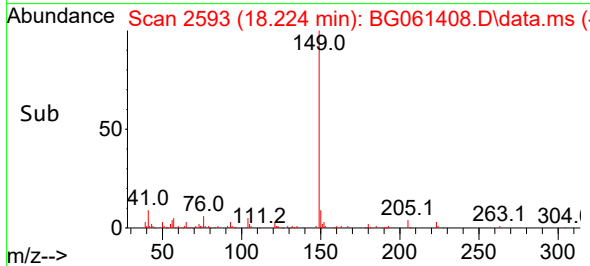
Instrument :
BNA_G
ClientSampleId :
BH6D8



Tgt Ion:149 Resp: 57849
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.8
104 5.3 4.8 7.2

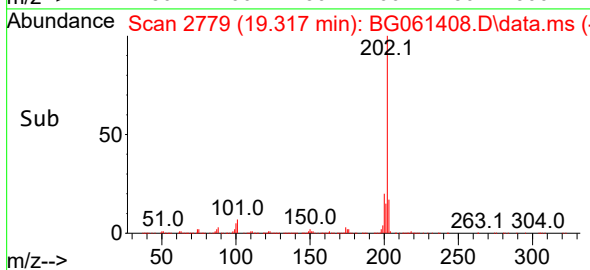
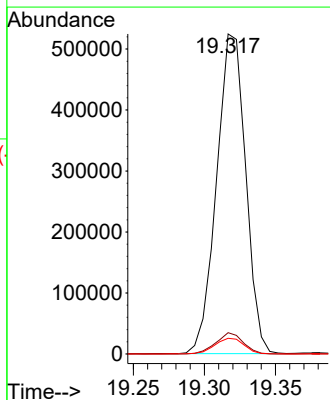
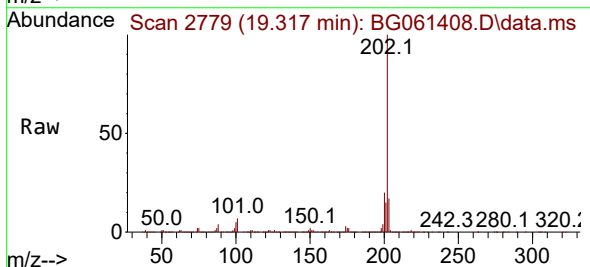
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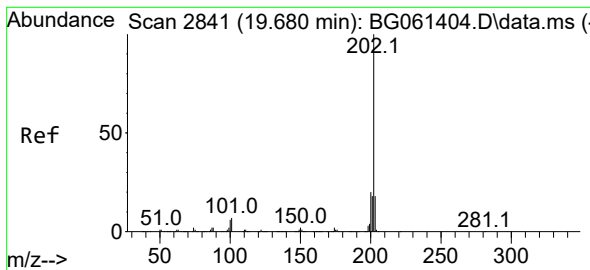
Reviewed By :Jagrut Upadhyay 06/03/2024
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#80
Fluoranthene
Concen: 56.351 ng/ul
RT: 19.317 min Scan# 2779
Delta R.T. 0.002 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43

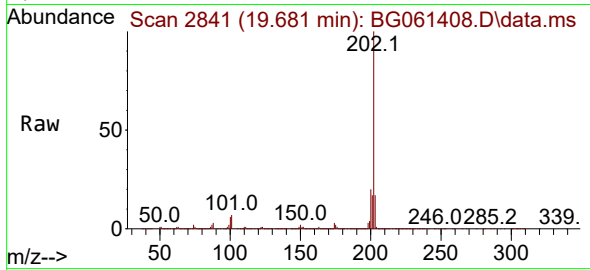
Tgt Ion:202 Resp: 747431
Ion Ratio Lower Upper
202 100
101 6.7 4.8 7.2
100 4.9 4.1 6.1





#82
Pyrene
Concen: 46.944 ng/ul
RT: 19.681 min Scan# 2841
Delta R.T. 0.002 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43

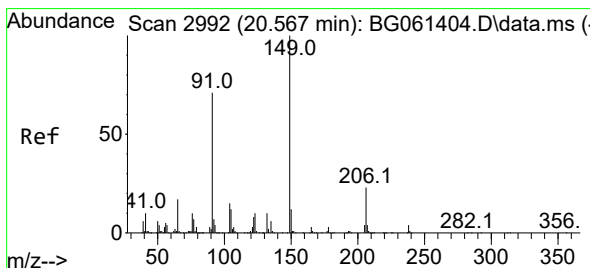
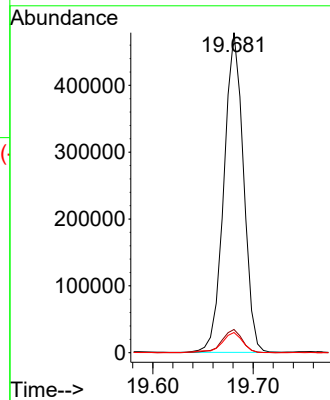
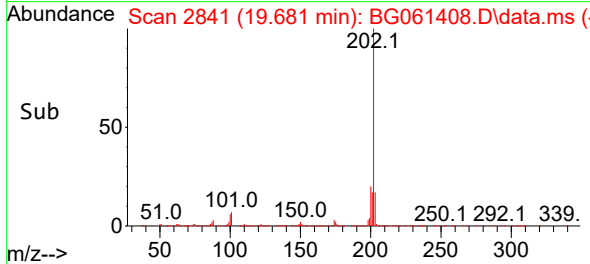
Instrument :
BNA_G
ClientSampleId :
BH6D8



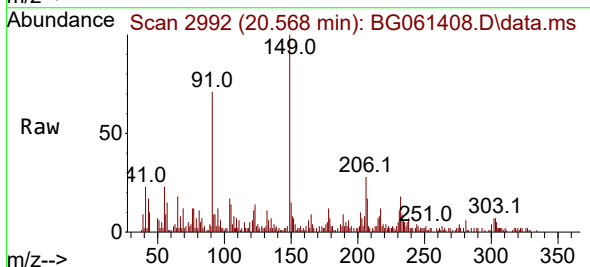
Tgt Ion:202 Resp: 646324
Ion Ratio Lower Upper
202 100
101 7.2 5.7 8.5
100 6.3 5.1 7.7

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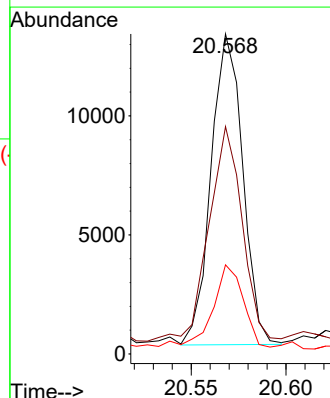
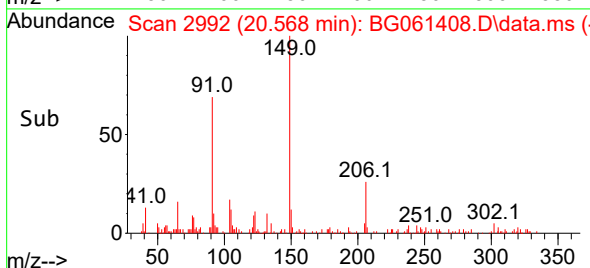
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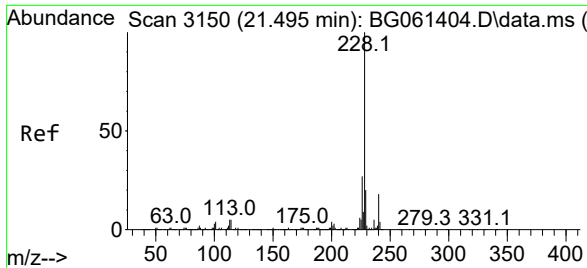


#83
Butylbenzylphthalate
Concen: 3.209 ng/ul
RT: 20.568 min Scan# 2992
Delta R.T. -0.004 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43



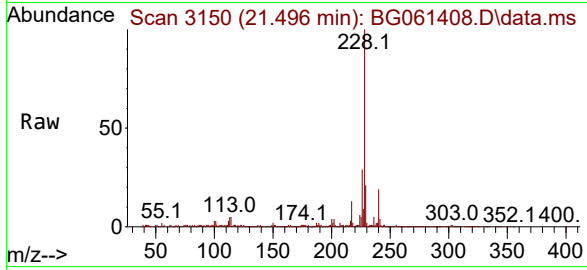
Tgt Ion:149 Resp: 15179
Ion Ratio Lower Upper
149 100
91 71.0 54.8 82.2
206 27.8 19.4 29.0





#85
Benzo(a)anthracene
Concen: 22.045 ng/ul
RT: 21.496 min Scan# 3150
Delta R.T. 0.002 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43

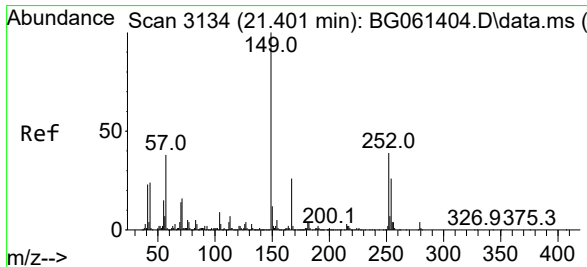
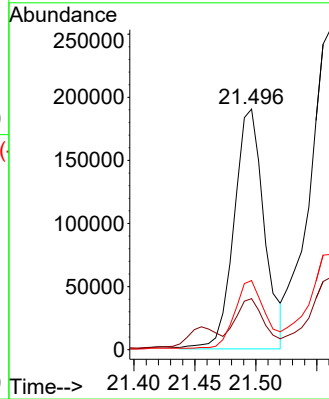
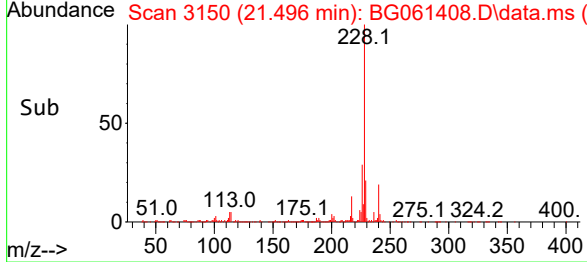
Instrument :
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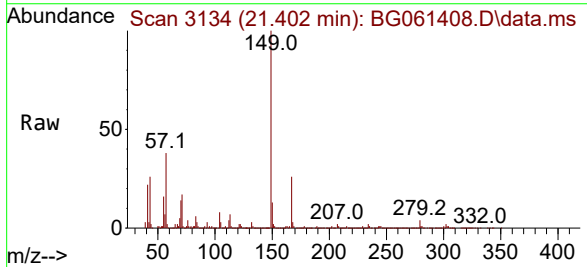
Tgt Ion:228 Resp: 327544
Ion Ratio Lower Upper
228 100
229 21.2 15.2 22.8
226 28.8 21.4 32.2

Manual Integrations
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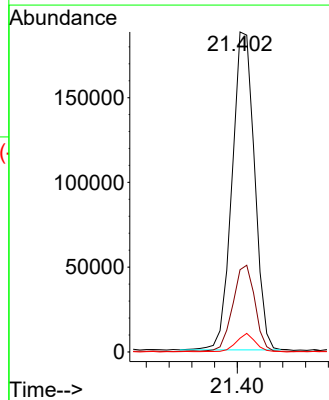
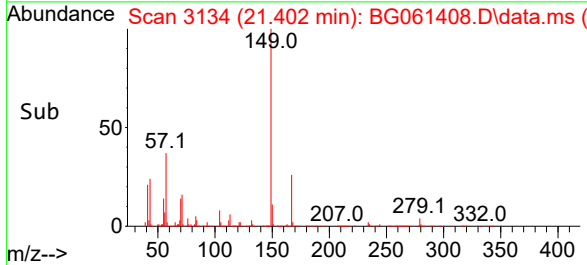
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

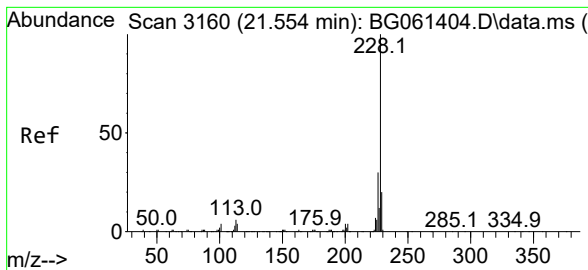


#86
Bis(2-ethylhexyl)phthalate
Concen: 36.696 ng/ul
RT: 21.402 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43



Tgt Ion:149 Resp: 256909
Ion Ratio Lower Upper
149 100
167 25.7 21.1 31.7
279 4.3 3.3 4.9





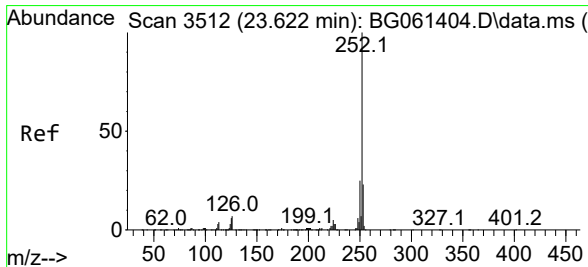
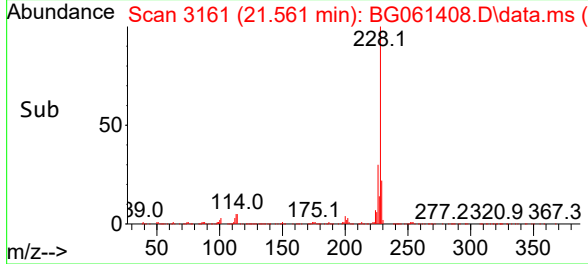
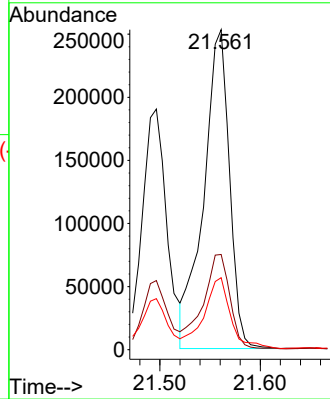
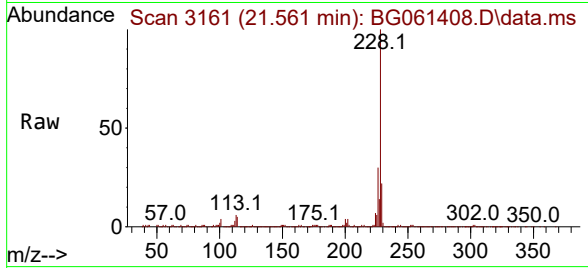
#87
Chrysene
Concen: 33.074 ng/ul
RT: 21.561 min Scan# 3161
Delta R.T. 0.008 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43

Instrument :
BNA_G
ClientSampleId :
BH6D8

Tgt Ion:228 Resp: 452492
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.0
229 22.5 15.4 23.2

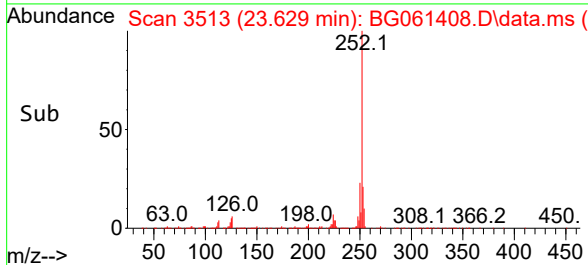
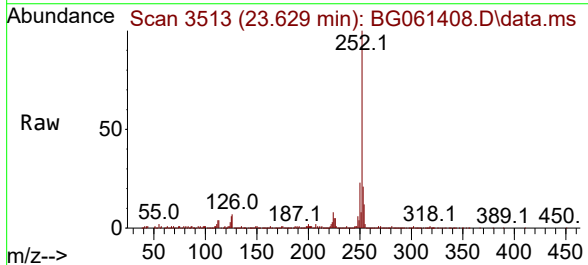
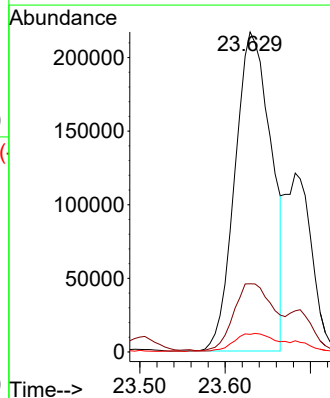
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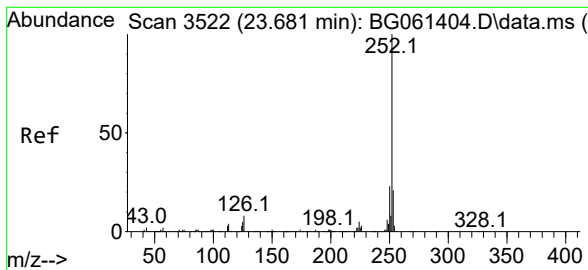
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#90
Benzo(b)fluoranthene
Concen: 42.803 ng/ul
RT: 23.629 min Scan# 3513
Delta R.T. 0.014 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43

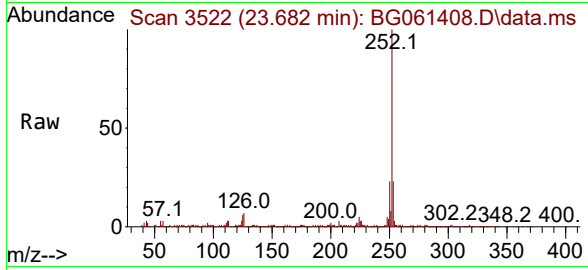
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Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 5.5 4.6 6.8





#91
Benzo(k)fluoranthene
Concen: 17.133 ng/ul m
RT: 23.682 min Scan# 3522
Delta R.T. 0.002 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43

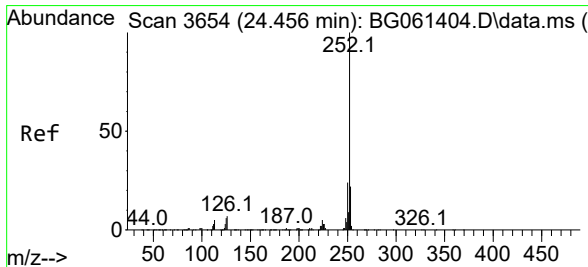
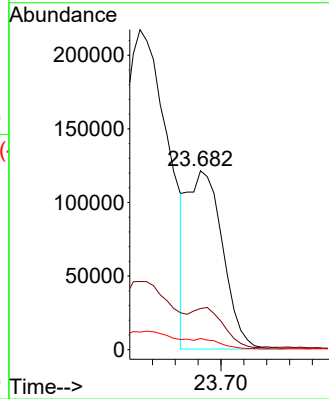
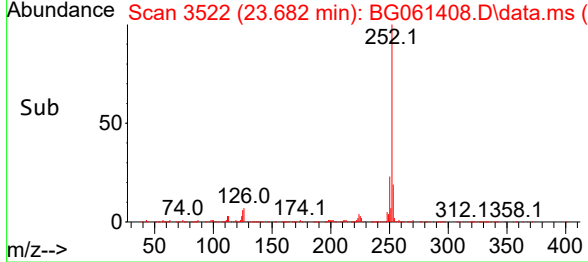
Instrument :
BNA_G
ClientSampleId :
BH6D8



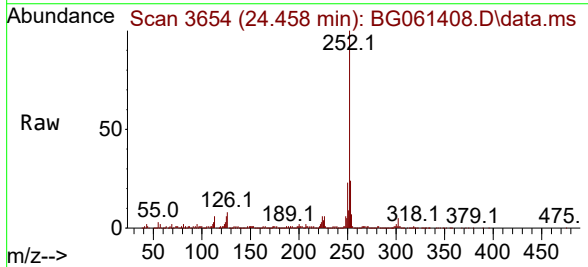
Tgt Ion:252 Resp: 260330
Ion Ratio Lower Upper
252 100
253 23.0 16.0 24.0
125 6.3 4.3 6.5

Manual Integrations
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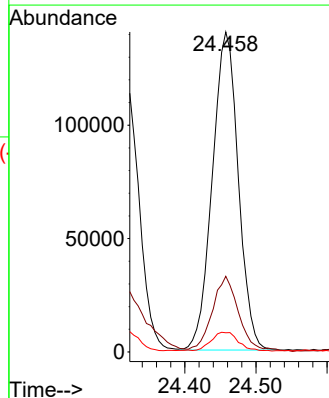
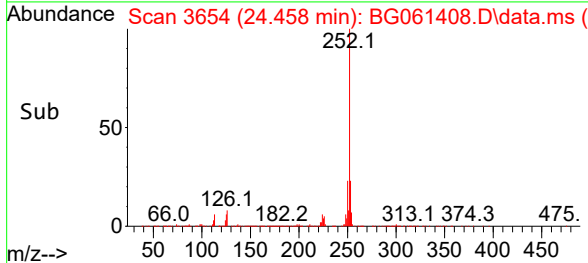
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

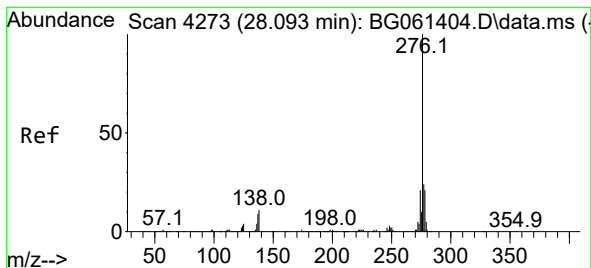


#93
Benzo(a)pyrene
Concen: 25.010 ng/ul
RT: 24.458 min Scan# 3654
Delta R.T. 0.008 min
Lab File: BG061408.D
Acq: 1 Jun 2024 1:43



Tgt Ion:252 Resp: 355461
Ion Ratio Lower Upper
252 100
253 23.7 16.4 24.6
125 6.0 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.832 ng/ul

RT: 28.106 min Scan# 41

Delta R.T. 0.014 min

Lab File: BG061408.D

Acq: 1 Jun 2024 1:43

Instrument :

BNA_G

ClientSampleId :

BH6D8

Tgt Ion:276 Resp: 32368

Ion Ratio Lower Upper

276 100

138 11.2 8.6 13.0

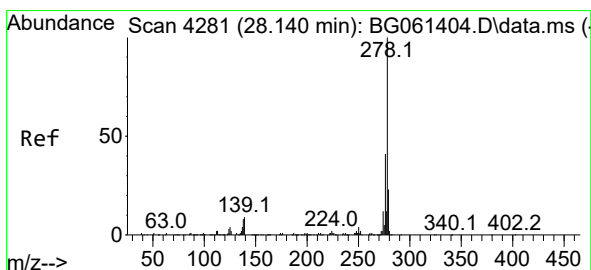
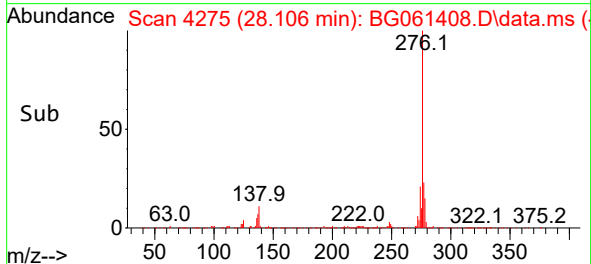
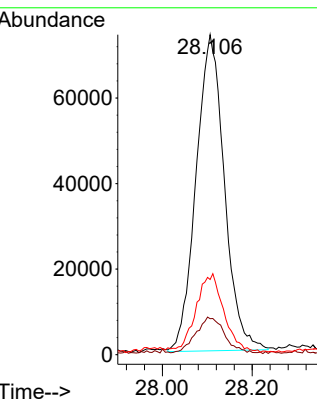
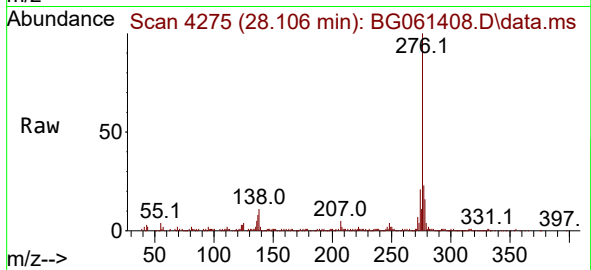
277 23.5 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024

Supervised By :mohammad ahmed 06/04/2024



#95

Dibenzo(a,h)anthracene

Concen: 5.680 ng/ul m

RT: 28.136 min Scan# 4280

Delta R.T. -0.004 min

Lab File: BG061408.D

Acq: 1 Jun 2024 1:43

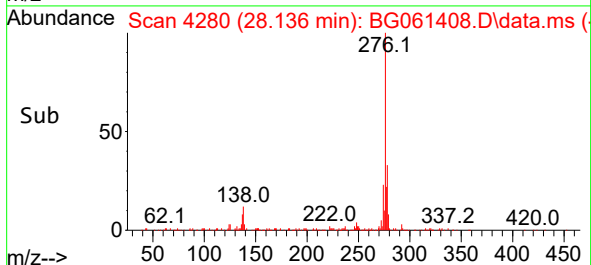
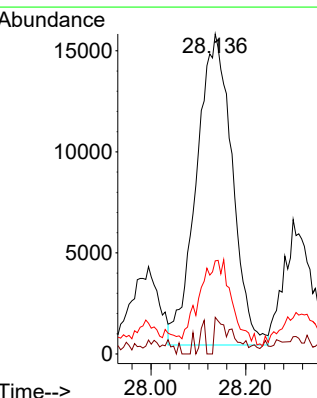
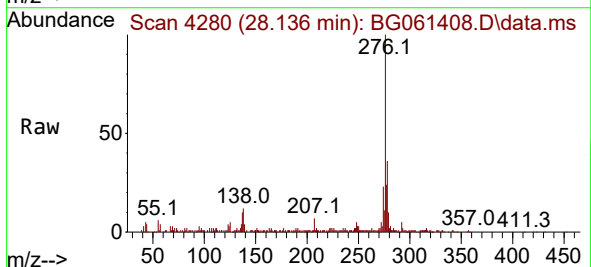
Tgt Ion:278 Resp: 80492

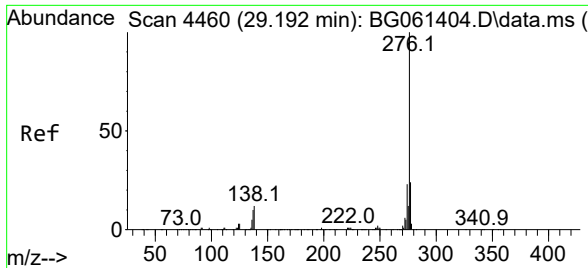
Ion Ratio Lower Upper

278 100

139 11.4 6.4 9.6#

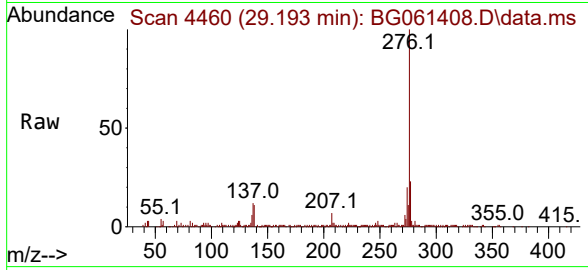
279 29.1 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 18.208 ng/ul
 RT: 29.193 min Scan# 4460
 Delta R.T. 0.020 min
 Lab File: BG061408.D
 Acq: 1 Jun 2024 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BH6D8



Tgt Ion:276 Resp: 24896
 Ion Ratio Lower Upper
 276 100
 138 10.6 8.7 13.1
 277 22.6 18.2 27.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

