

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061508.D
 Acq On : 6 Jun 2024 13:35
 Operator : MA/JU
 Sample : P2635-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBYS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 23:13:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	31695	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	115443	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.511	164	79519	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	180536	20.000	ng/u1	0.00
79) Chrysene-d12	21.520	240	197267	20.000	ng/u1	0.00
88) Perylene-d12	24.616	264	223715	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	2484m	4.386	ng/uL	0.00
4) Pyridine-d5	3.776	84	8913m	4.424	ng/u1	0.00
7) Phenol-d5	7.072	99	55453	21.305	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	36075	22.051	ng/u1	0.00
11) 2-Chlorophenol-d4	7.419	132	46520	24.150	ng/u1	0.00
15) 4-Methylphenol-d8	8.600	113	41185	18.557	ng/u1	0.00
21) Nitrobenzene-d5	9.035	128	23873	26.859	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	28494	27.392	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	52543	25.909	ng/u1	0.00
31) 4-Chloroaniline-d4	10.809	131	22253	8.387	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	159782	25.908	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	173029	26.986	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	16629	21.809	ng/u1	0.00
60) Fluorene-d10	15.503	176	136760	25.685	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	19537	17.892	ng/u1	0.00
73) Anthracene-d10	17.360	188	221671	27.851	ng/u1	0.00
81) Pyrene-d10	19.657	212	241025	23.796	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.405	264	206142	19.167	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.694	105	8180	2.160	ng/u1#	87
30) Naphthalene	10.715	128	6468	1.061	ng/u1	97
50) Acenaphthylene	14.234	152	8519	1.198	ng/u1#	94
52) Acenaphthene	14.575	153	6184	1.326	ng/u1	97
72) Phenanthrene	17.301	178	170143	19.417	ng/u1	99
74) Anthracene	17.395	178	26510m	2.926	ng/u1	
77) Carbazole	17.672	167	15282	2.074	ng/u1	96
80) Fluoranthene	19.323	202	596492	49.091	ng/u1	99
82) Pyrene	19.687	202	460931	36.545	ng/u1	98
83) Butylbenzylphthalate	20.574	149	9899	2.285	ng/u1	96
85) Benzo(a)anthracene	21.502	228	311431	22.880	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.408	149	37614	5.865	ng/u1	97
87) Chrysene	21.567	228	348545	27.810	ng/u1	97
90) Benzo(b)fluoranthene	23.641	252	492663	36.987	ng/u1	99
91) Benzo(k)fluoranthene	23.700	252	165202m	12.217	ng/u1	
93) Benzo(a)pyrene	24.469	252	200764	15.873	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.124	276	192361	12.576	ng/u1	98
95) Dibenzo(a,h)anthracene	28.153	278	59838m	4.745	ng/u1	
96) Benzo(g,h,i)perylene	29.217	276	27496m	2.260	ng/u1	

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

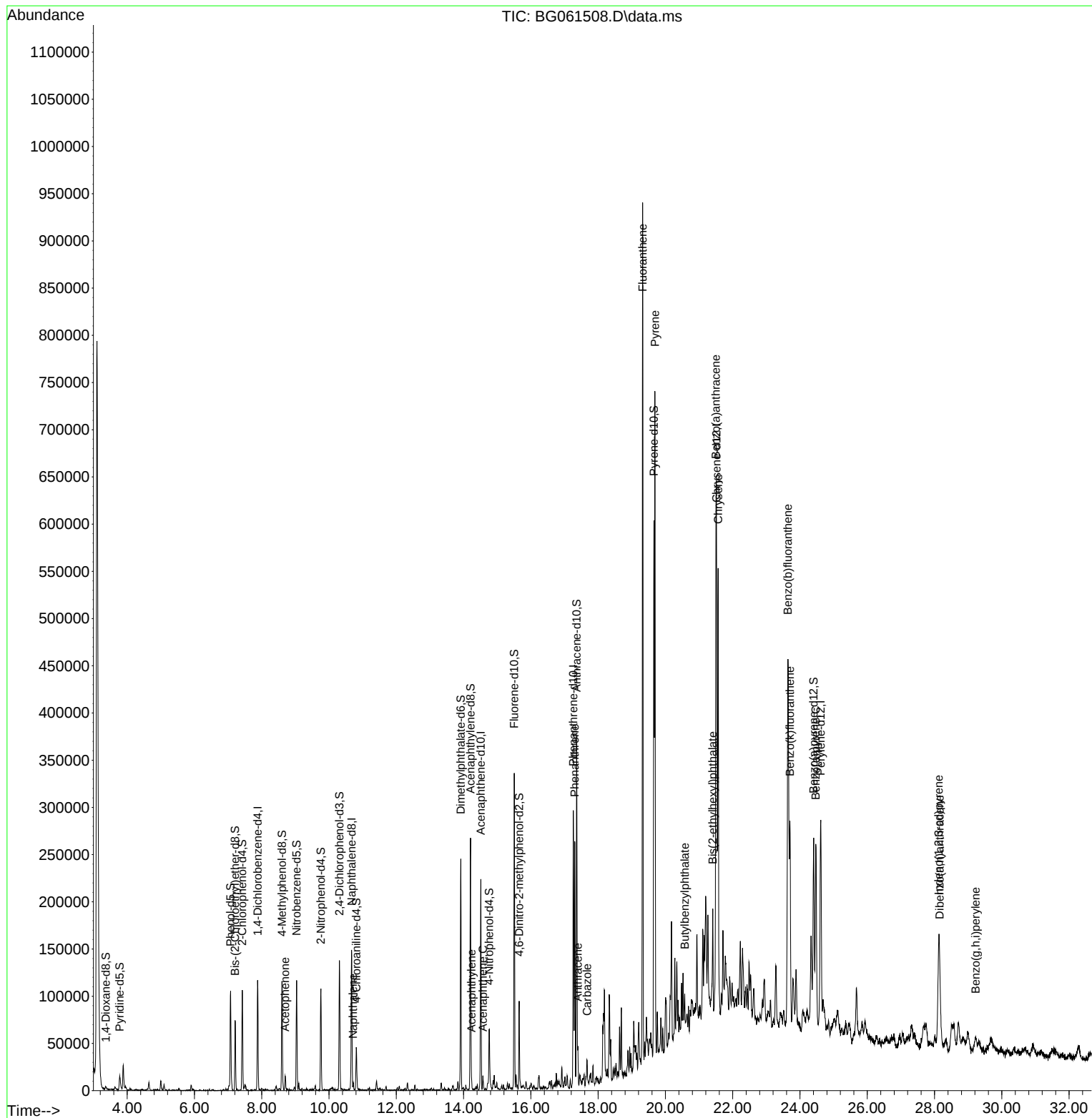
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
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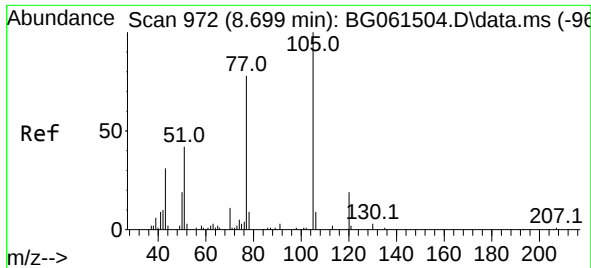
Instrument :
 BNA_G
 ClientSampleId :
 BHBY8

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 Supervised By :mohammad ahmed 06/08/2024

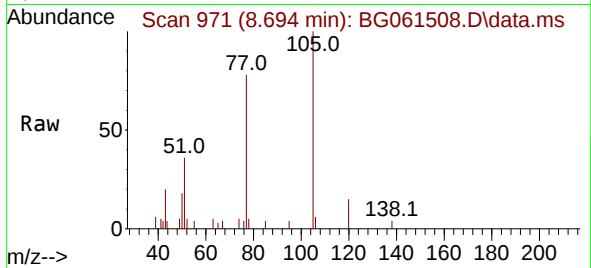
Quant Time: Jun 06 23:13:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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#16
Acetophenone
Concen: 2.160 ng/ul
RT: 8.694 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG061508.D
Acq: 6 Jun 2024 13:35

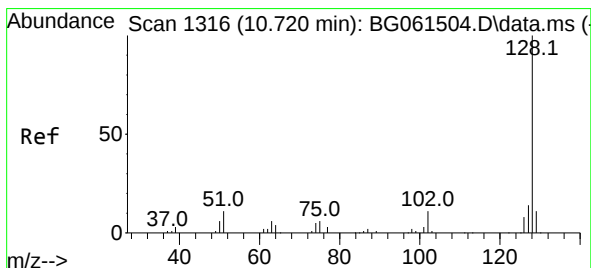
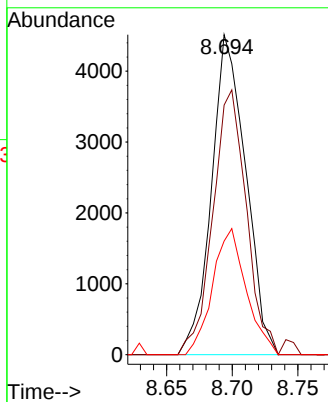
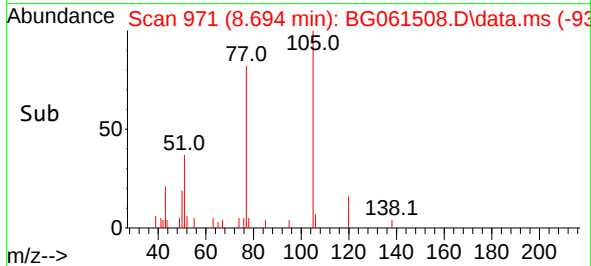
Instrument :
BNA_G
ClientSampleId :
BHHY8



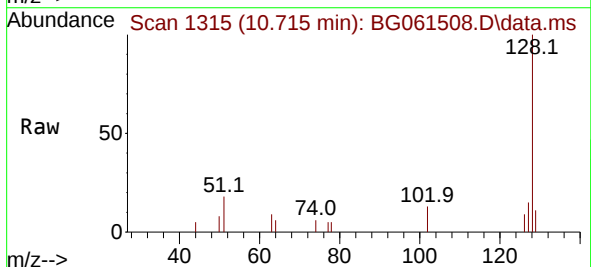
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Ion Ratio Lower Upper
105 100
77 78.0 70.4 105.6
51 35.5 38.4 57.6

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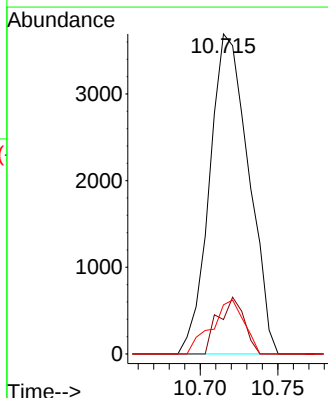
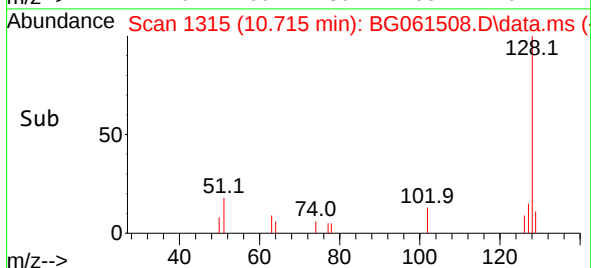
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

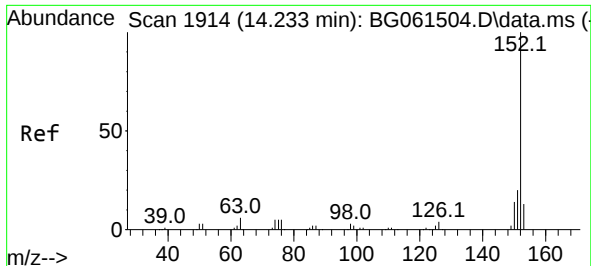


#30
Naphthalene
Concen: 1.061 ng/ul
RT: 10.715 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BG061508.D
Acq: 6 Jun 2024 13:35



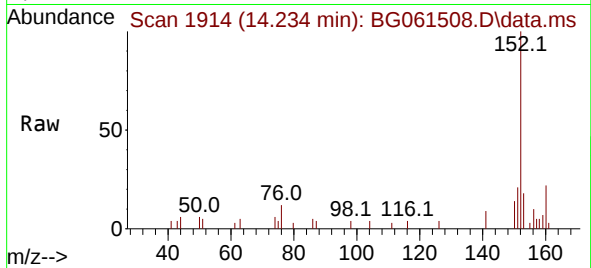
Tgt Ion:128 Resp: 6468
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 15.3 10.8 16.2





#50
Acenaphthylene
Concen: 1.198 ng/ul
RT: 14.234 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BG061508.D
Acq: 6 Jun 2024 13:35

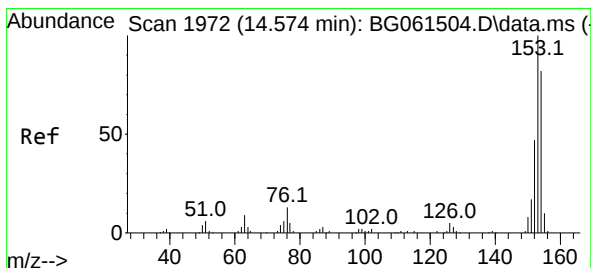
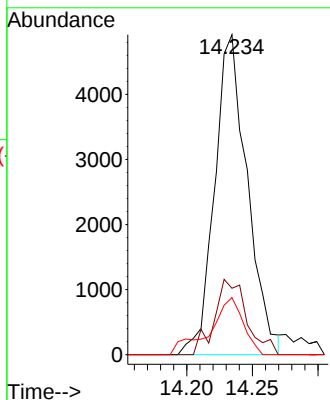
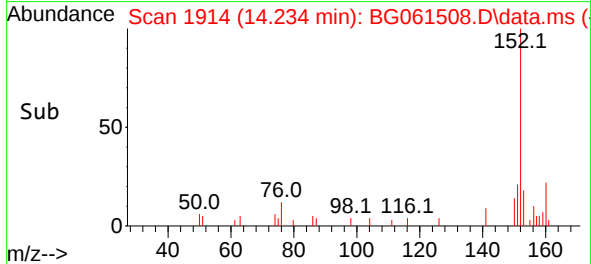
Instrument :
BNA_G
ClientSampleId :
BHHY8



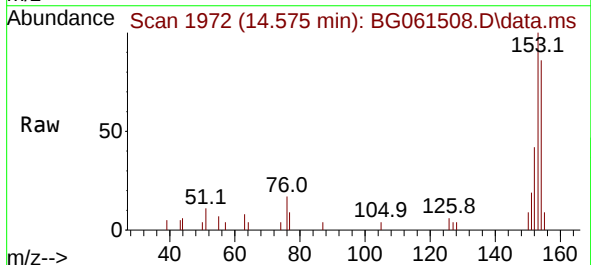
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Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 17.9 10.2 15.4

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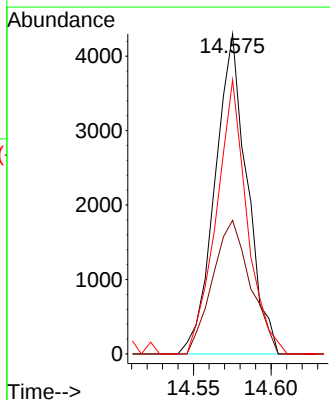
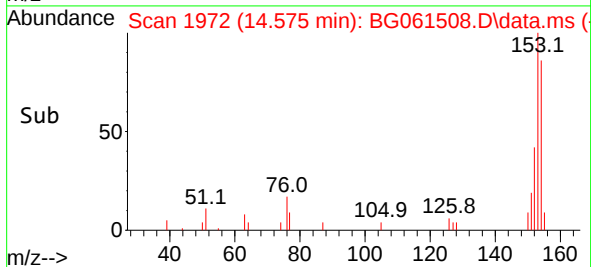
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

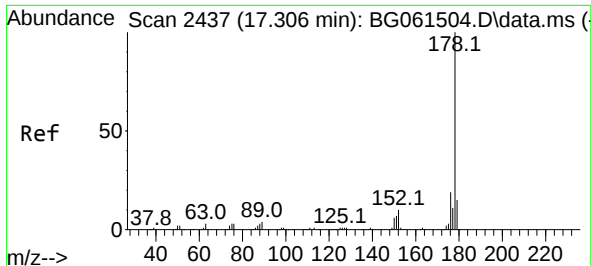


#52
Acenaphthene
Concen: 1.326 ng/ul
RT: 14.575 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG061508.D
Acq: 6 Jun 2024 13:35



Tgt Ion:153 Resp: 6184
Ion Ratio Lower Upper
153 100
152 41.8 37.8 56.8
154 85.7 69.0 103.6





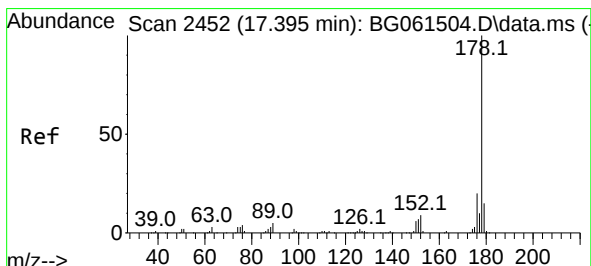
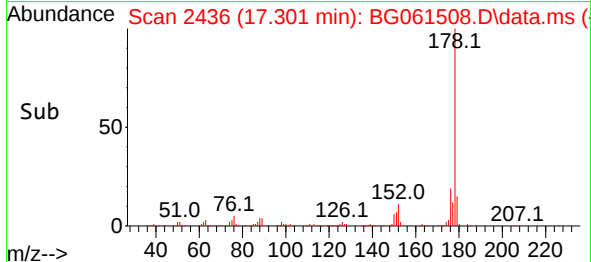
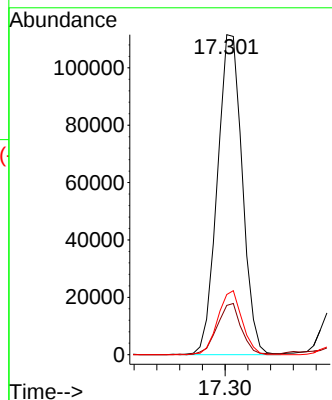
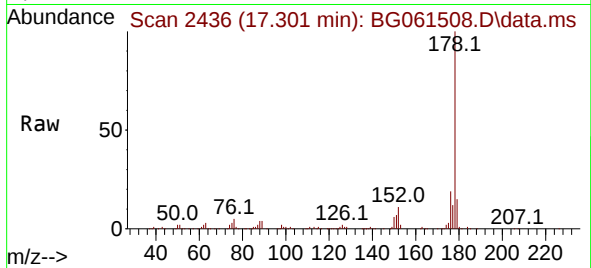
#72
Phenanthrene
Concen: 19.417 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BG061508.D
Acq: 6 Jun 2024 13:35

Instrument :
BNA_G
ClientSampleId :
BHBYS

Tgt Ion:178 Resp: 17014
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.8 15.5 23.3

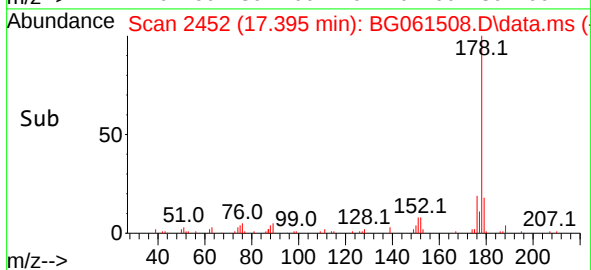
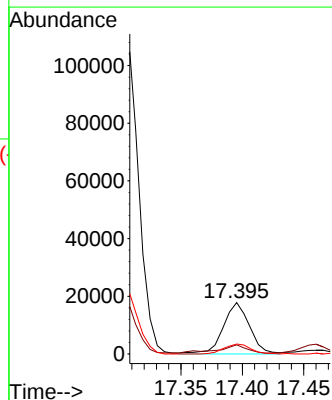
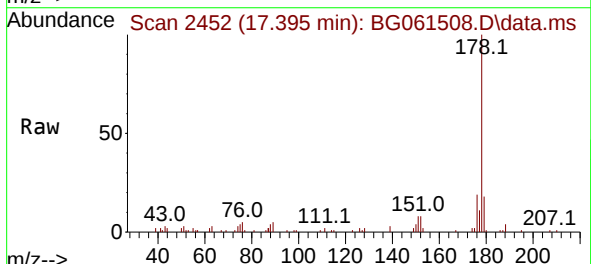
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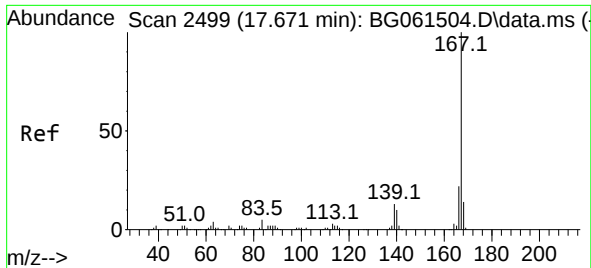
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#74
Anthracene
Concen: 2.926 ng/ul m
RT: 17.395 min Scan# 2452
Delta R.T. 0.001 min
Lab File: BG061508.D
Acq: 6 Jun 2024 13:35

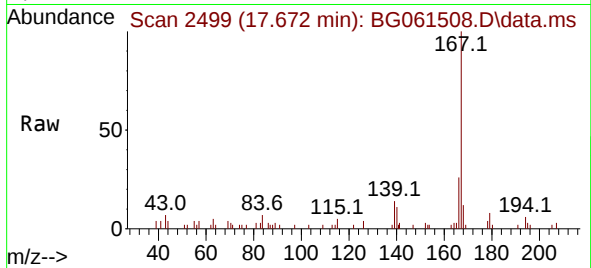
Tgt Ion:178 Resp: 26510
Ion Ratio Lower Upper
178 100
179 17.7 11.8 17.6#
176 19.3 14.9 22.3





#77
 Carbazole
 Concen: 2.074 ng/ul
 RT: 17.672 min Scan# 2499
 Delta R.T. 0.001 min
 Lab File: BG061508.D
 Acq: 6 Jun 2024 13:35

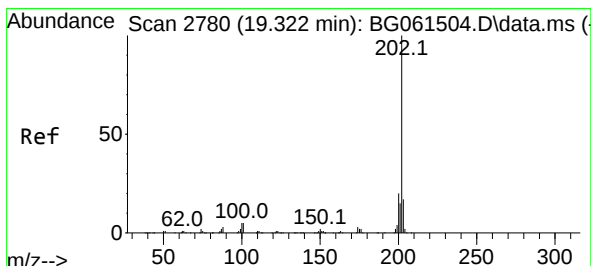
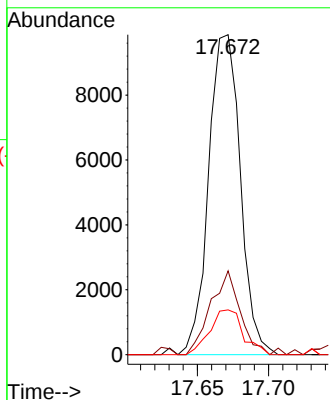
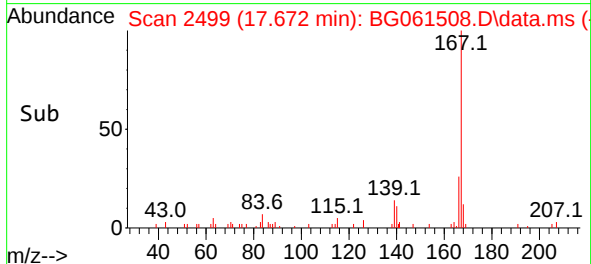
Instrument :
 BNA_G
 ClientSampleId :
 BHBYS



Tgt Ion:167 Resp: 1528
 Ion Ratio Lower Upper
 167 100
 166 26.2 18.6 28.0
 139 14.0 10.6 15.8

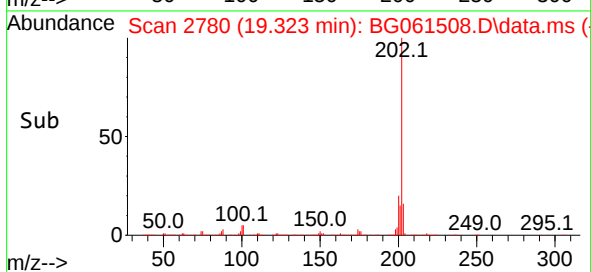
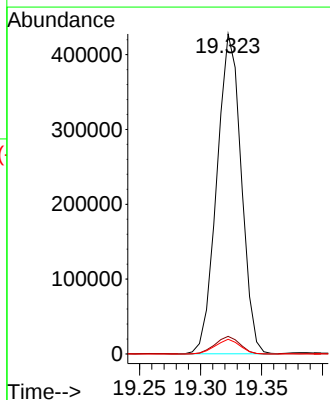
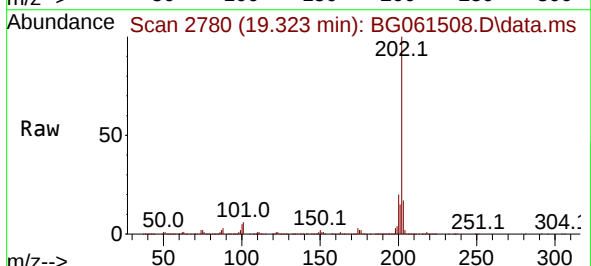
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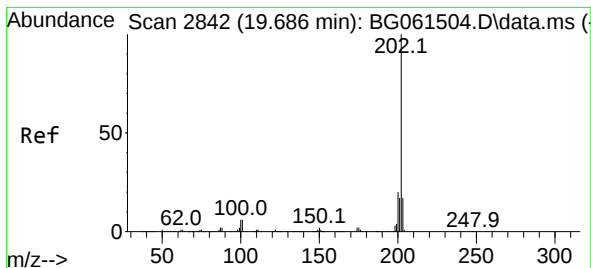
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#80
 Fluoranthene
 Concen: 49.091 ng/ul
 RT: 19.323 min Scan# 2780
 Delta R.T. 0.001 min
 Lab File: BG061508.D
 Acq: 6 Jun 2024 13:35

Tgt Ion:202 Resp: 596492
 Ion Ratio Lower Upper
 202 100
 101 5.5 4.8 7.2
 100 4.6 4.1 6.1





#82

Pyrene

Concen: 36.545 ng/ul

RT: 19.687 min Scan# 2842

Delta R.T. 0.001 min

Lab File: BG061508.D

Acq: 6 Jun 2024 13:35

Instrument :

BNA_G

ClientSampleId :

BHBY8

Tgt Ion:202 Resp: 46093

Ion Ratio Lower Upper

202 100

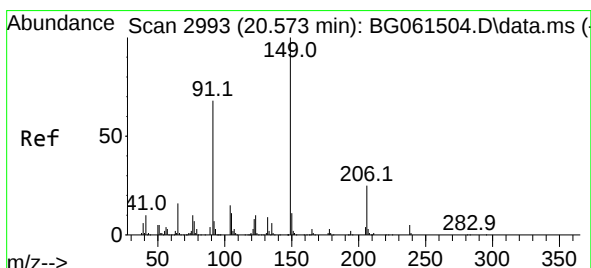
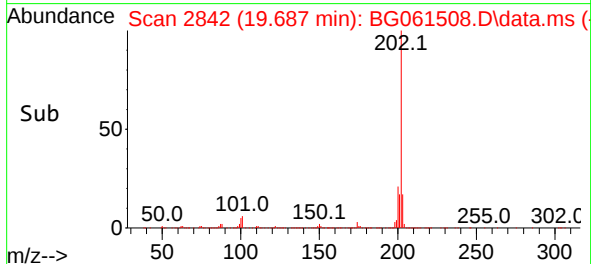
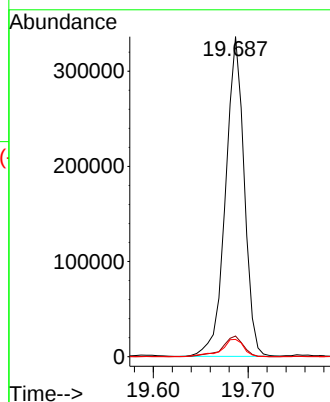
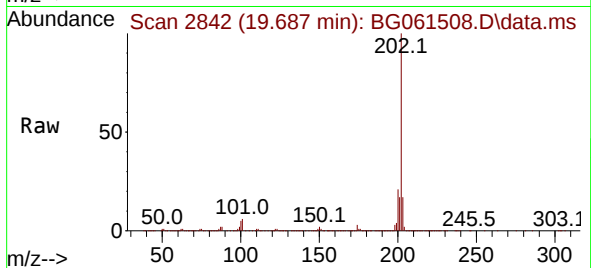
101 6.5 5.7 8.5

100 5.4 5.1 7.7

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2024



#83

Butylbenzylphthalate

Concen: 2.285 ng/ul

RT: 20.574 min Scan# 2993

Delta R.T. 0.001 min

Lab File: BG061508.D

Acq: 6 Jun 2024 13:35

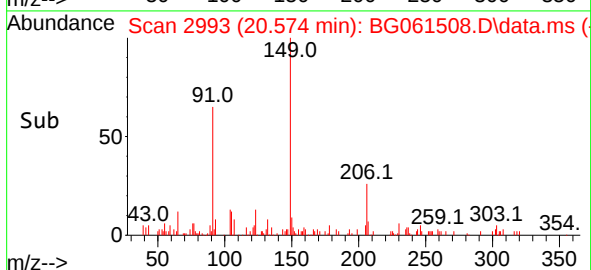
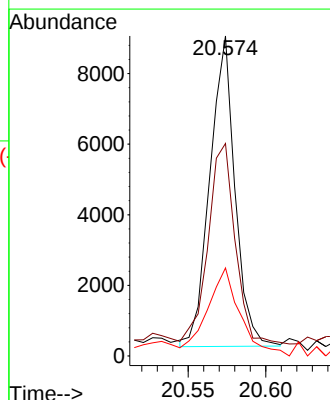
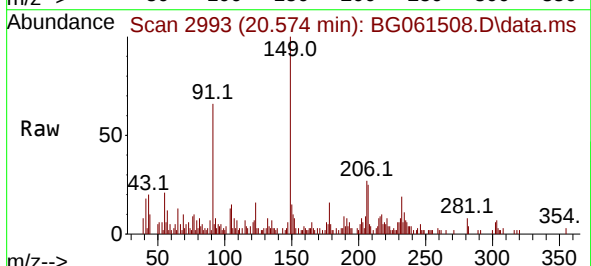
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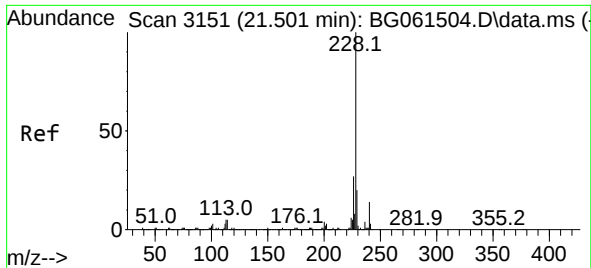
Ion Ratio Lower Upper

149 100

91 66.4 54.8 82.2

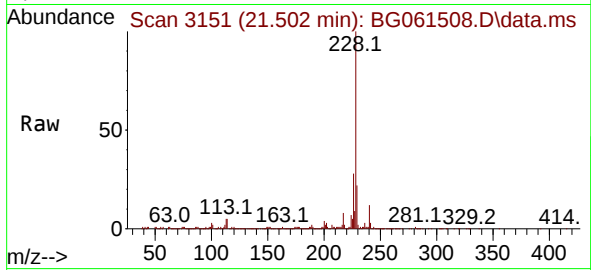
206 27.5 19.4 29.0





#85
Benzo(a)anthracene
Concen: 22.880 ng/ul
RT: 21.502 min Scan# 3151
Delta R.T. 0.001 min
Lab File: BG061508.D
Acq: 6 Jun 2024 13:35

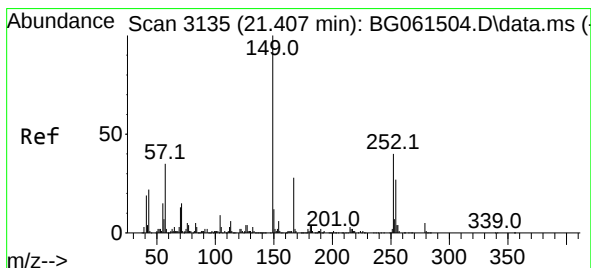
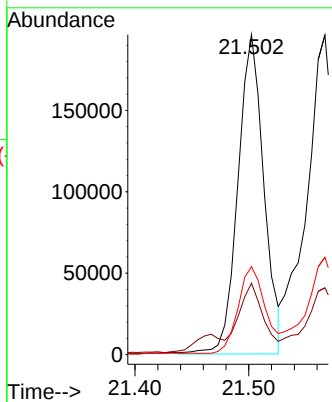
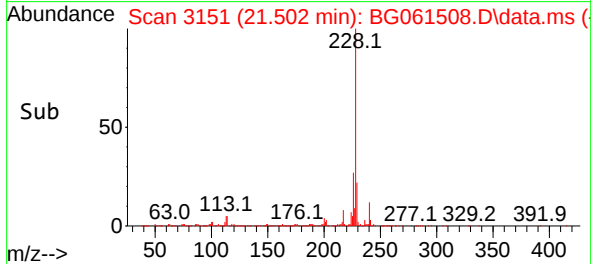
Instrument :
BNA_G
ClientSampleId :
BHY8



Tgt Ion:228 Resp: 31143
Ion Ratio Lower Upper
228 100
229 22.3 15.2 22.8
226 27.5 21.4 32.2

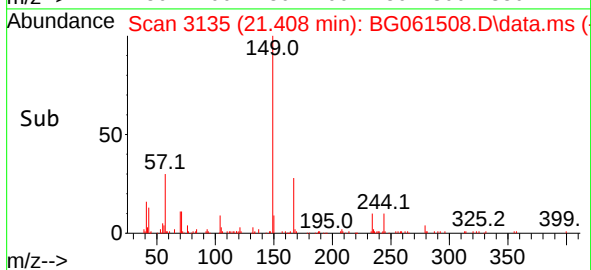
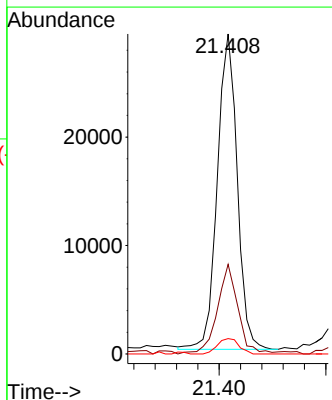
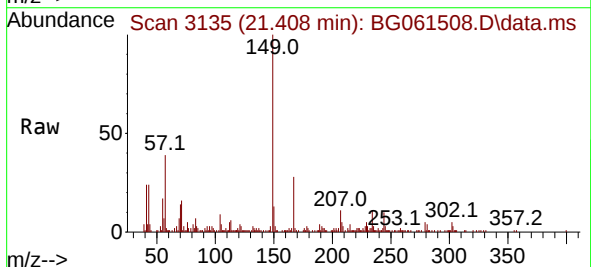
Manual Integrations
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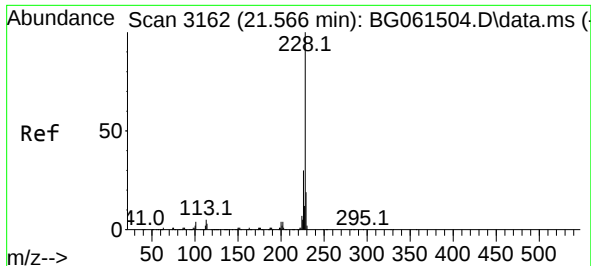
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 5.865 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG061508.D
Acq: 6 Jun 2024 13:35

Tgt Ion:149 Resp: 37614
Ion Ratio Lower Upper
149 100
167 28.0 21.1 31.7
279 4.8 3.3 4.9





#87

Chrysene

Concen: 27.810 ng/ul

RT: 21.567 min Scan# 3162

Delta R.T. 0.001 min

Lab File: BG061508.D

Acq: 6 Jun 2024 13:35

Instrument :

BNA_G

ClientSampleId :

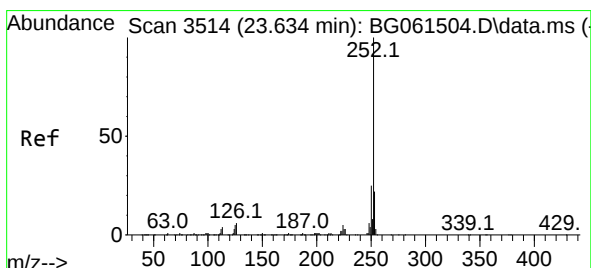
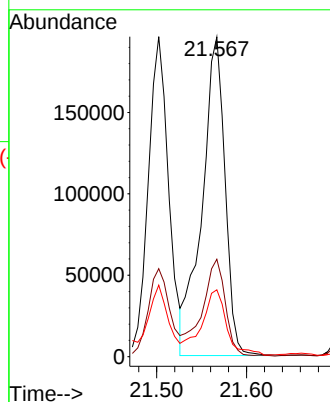
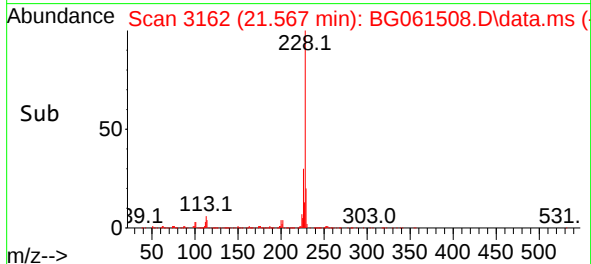
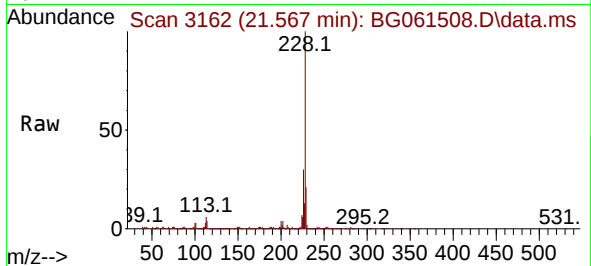
BHBY8

Tgt Ion:	228	Resp:	34854
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	20.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#90

Benzo(b)fluoranthene

Concen: 36.987 ng/ul

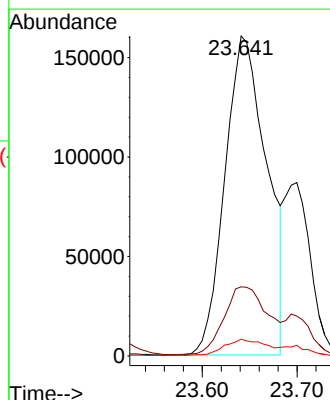
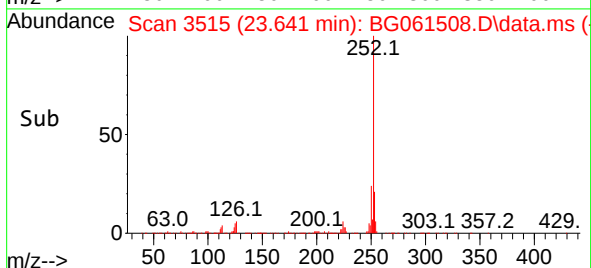
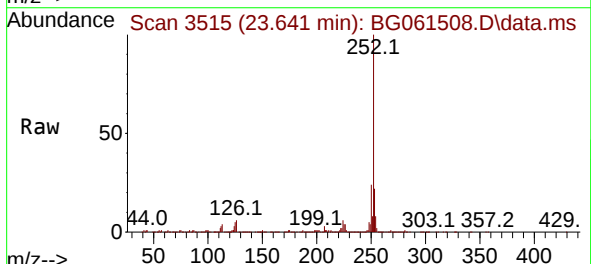
RT: 23.641 min Scan# 3515

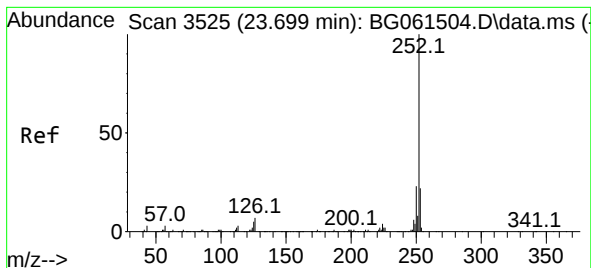
Delta R.T. 0.007 min

Lab File: BG061508.D

Acq: 6 Jun 2024 13:35

Tgt Ion:	252	Resp:	492663
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.8
125	5.3	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 12.217 ng/ul m

RT: 23.700 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG061508.D

Acq: 6 Jun 2024 13:35

Instrument :

BNA_G

ClientSampleId :

BHBY8

Tgt Ion:252 Resp: 16520

Ion Ratio Lower Upper

252 100

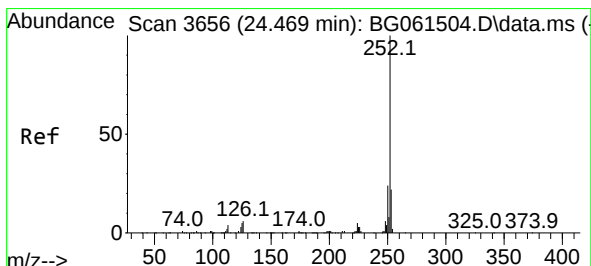
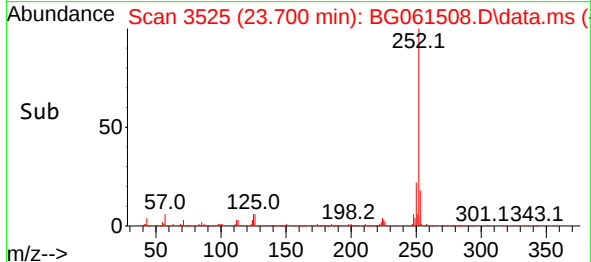
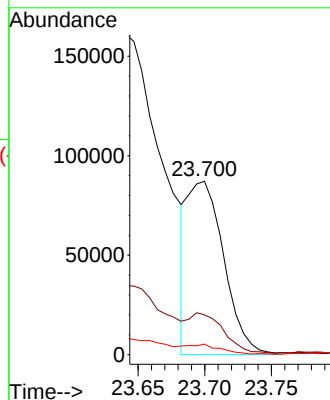
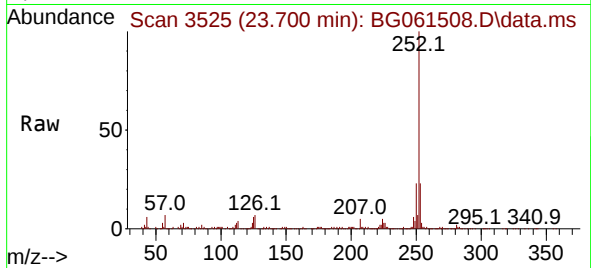
253 22.9 16.0 24.0

125 6.1 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#93

Benzo(a)pyrene

Concen: 15.873 ng/ul

RT: 24.469 min Scan# 3656

Delta R.T. 0.001 min

Lab File: BG061508.D

Acq: 6 Jun 2024 13:35

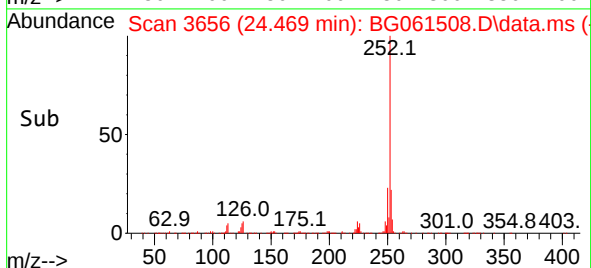
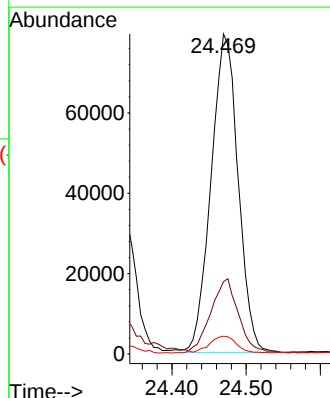
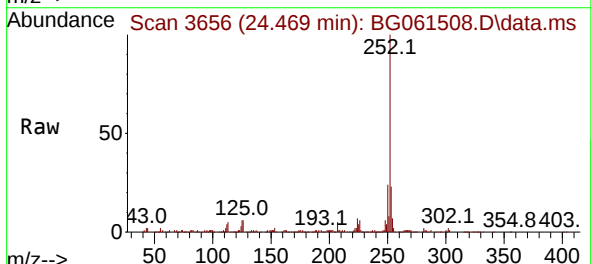
Tgt Ion:252 Resp: 200764

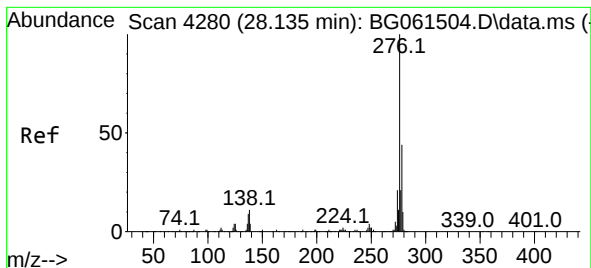
Ion Ratio Lower Upper

252 100

253 22.6 16.4 24.6

125 5.6 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 12.576 ng/ul

RT: 28.124 min Scan# 41

Delta R.T. -0.011 min

Lab File: BG061508.D

Acq: 6 Jun 2024 13:35

Instrument :

BNA_G

ClientSampleId :

BHBY8

Tgt Ion:276 Resp: 19236

Ion Ratio Lower Upper

276 100

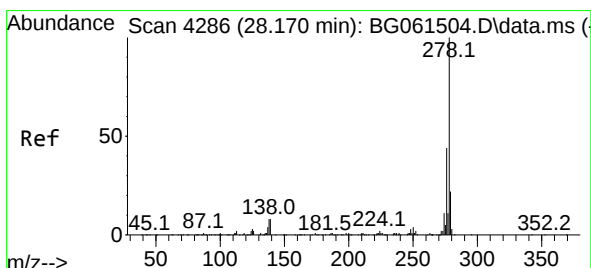
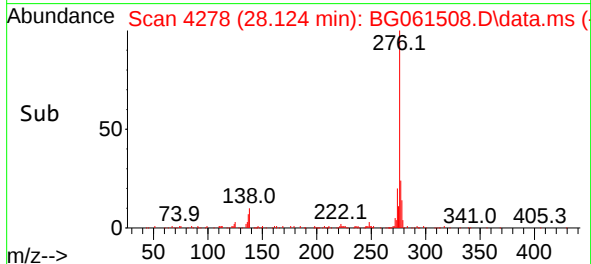
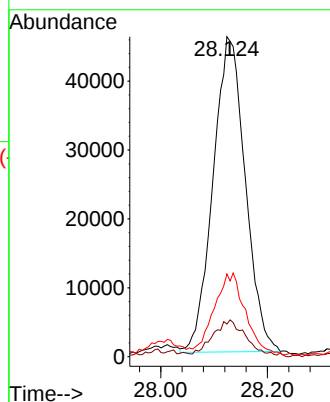
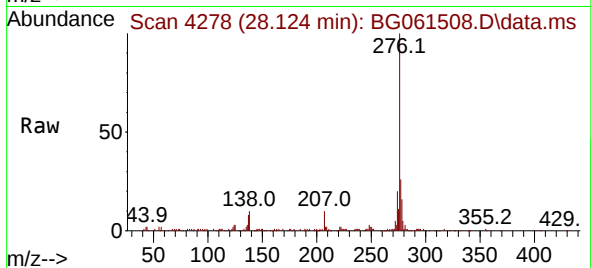
138 10.2 8.6 13.0

277 25.9 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#95

Dibenzo(a,h)anthracene

Concen: 4.745 ng/ul m

RT: 28.153 min Scan# 4283

Delta R.T. -0.017 min

Lab File: BG061508.D

Acq: 6 Jun 2024 13:35

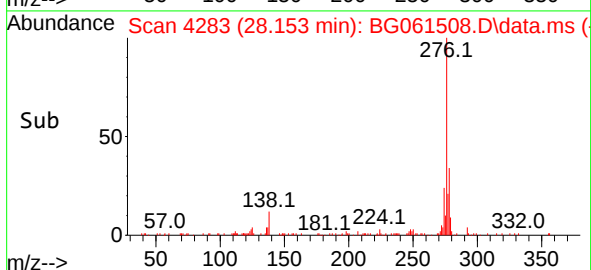
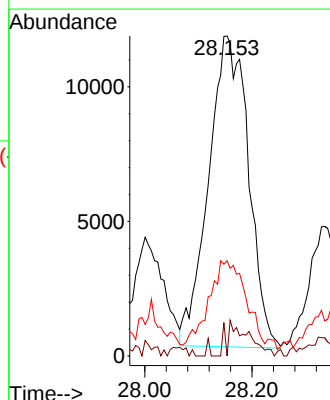
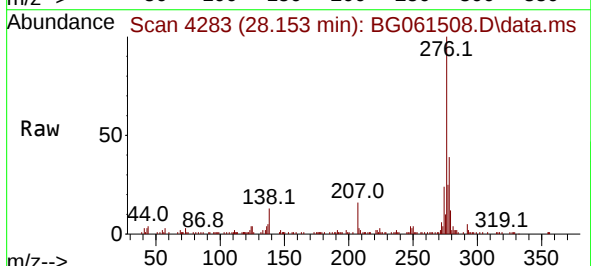
Tgt Ion:278 Resp: 59838

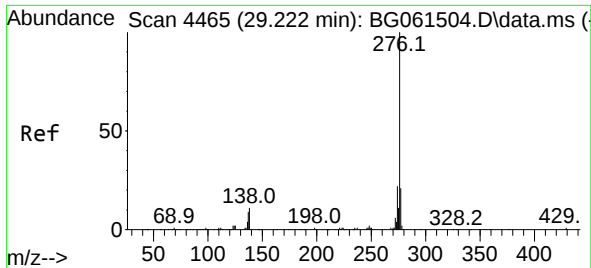
Ion Ratio Lower Upper

278 100

139 0.0 6.4 9.6#

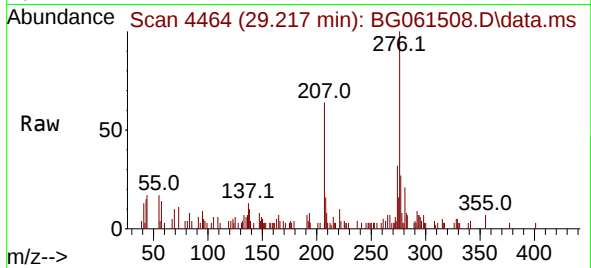
279 29.8 19.9 29.9





#96
Benzo(g,h,i)perylene
Concen: 2.260 ng/ul m
RT: 29.217 min Scan# 44
Delta R.T. -0.005 min
Lab File: BG061508.D
Acq: 6 Jun 2024 13:35

Instrument :
BNA_G
ClientSampleId :
BHHY8



Tgt Ion:276 Resp: 27490
Ion Ratio Lower Upper
276 100
138 9.9 8.7 13.1
277 27.2 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

