

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061523.D
 Acq On : 6 Jun 2024 23:54
 Operator : MA/JU
 Sample : P2634-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBX8

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 00:52:50 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	7.882	152	30388	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	109346	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.509	164	75014	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	169431	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	184602	20.000	ng/u1	0.00
88) Perylene-d12	24.615	264	209889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	2523	4.646	ng/uL	0.02
4) Pyridine-d5	3.781	84	20951	10.845	ng/u1	0.01
7) Phenol-d5	7.071	99	61147	24.503	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	37538	23.932	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	53177	28.793	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	50010	23.502	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	26163	31.077	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	30165	30.615	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	56406	29.365	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	31261	12.440	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	173060	29.746	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	189384	31.311	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	16594m	23.070	ng/u1	0.00
60) Fluorene-d10	15.502	176	152233	30.307	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	12584	12.280	ng/u1	0.00
73) Anthracene-d10	17.359	188	246902	33.054	ng/u1	0.00
81) Pyrene-d10	19.656	212	282618	29.817	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	243592	24.141	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.714	128	7031	1.218	ng/u1	96
36) 2-Methylnaphthalene	12.330	142	5362	1.281	ng/u1	94
50) Acenaphthylene	14.233	152	13393	1.997	ng/u1#	96
52) Acenaphthene	14.574	153	7504	1.706	ng/u1	94
61) Fluorene	15.561	166	7357	1.352	ng/u1#	93
72) Phenanthrene	17.306	178	202276	24.597	ng/u1	97
74) Anthracene	17.394	178	32558m	3.829	ng/u1	
77) Carbazole	17.665	167	19204	2.777	ng/u1	98
80) Fluoranthene	19.327	202	630496	55.449	ng/u1	98
82) Pyrene	19.686	202	520227	44.076	ng/u1	98
83) Butylbenzylphthalate	20.573	149	14885	3.671	ng/u1	99
85) Benzo(a)anthracene	21.501	228	332947	26.139	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.407	149	57187	9.528	ng/u1	95
87) Chrysene	21.566	228	385208	32.843	ng/u1	96
90) Benzo(b)fluoranthene	23.646	252	532073	42.577	ng/u1	97
91) Benzo(k)fluoranthene	23.693	252	172303m	13.582	ng/u1	
93) Benzo(a)pyrene	24.468	252	226361	19.076	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.129	276	184376	12.848	ng/u1	100
95) Dibenzo(a,h)anthracene	28.164	278	58207	4.919	ng/u1#	91
96) Benzo(g,h,i)perylene	29.228	276	28331m	2.482	ng/u1	

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

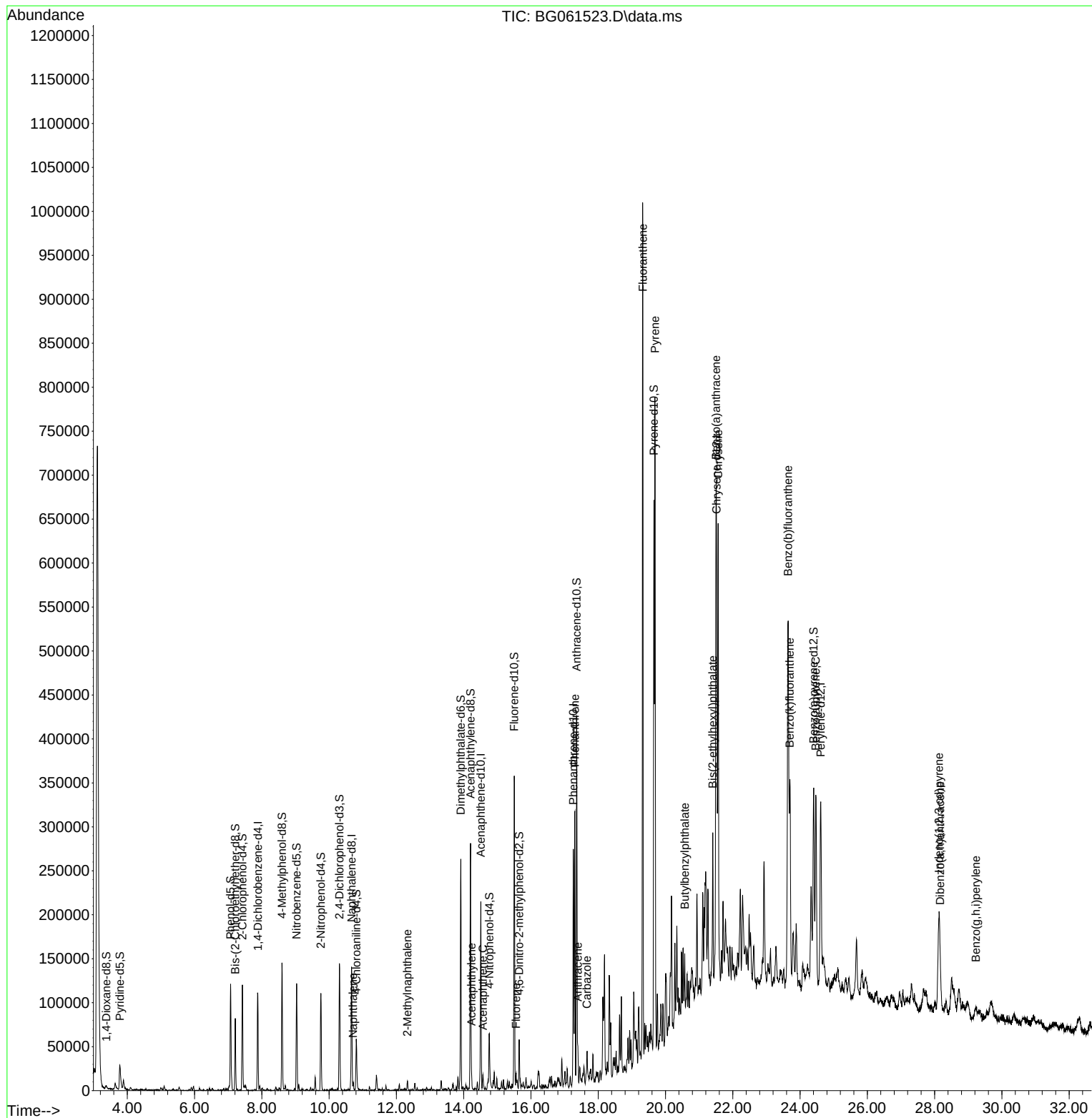
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061523.D
Acq On : 6 Jun 2024 23:54
Operator : MA/JU
Sample : P2634-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

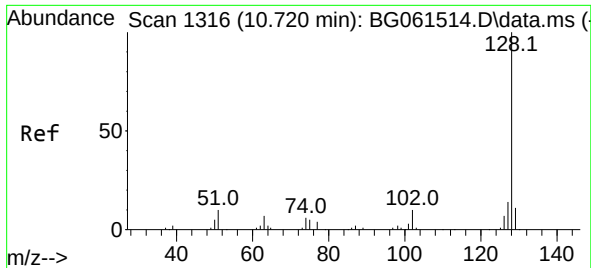
Instrument :
BNA_G
ClientSampleId :
BHBX8

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Supervised By :mohammad ahmed 06/08/2024

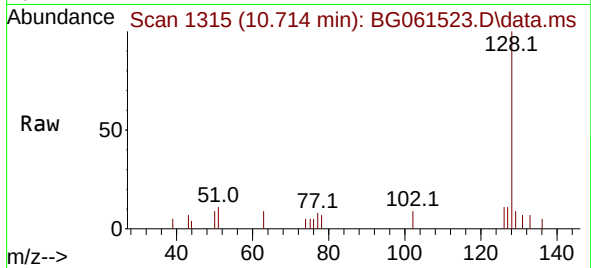
Quant Time: Jun 07 00:52:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.218 ng/ul
RT: 10.714 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

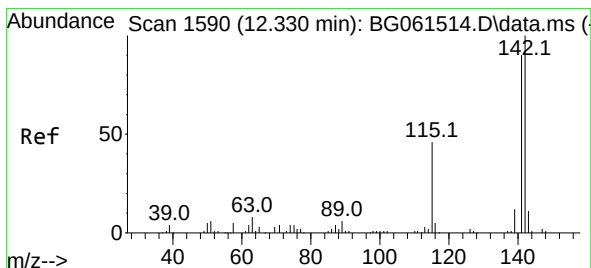
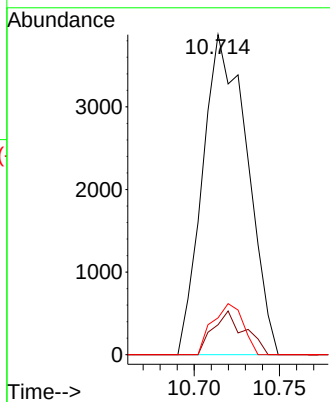
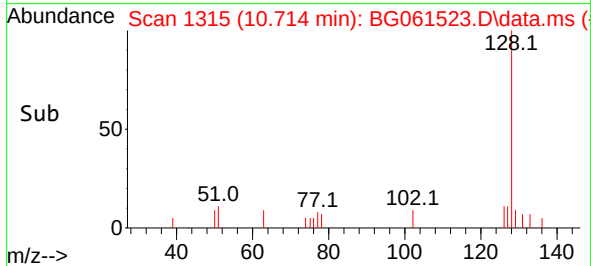
Instrument :
BNA_G
ClientSampleId :
BHBX8



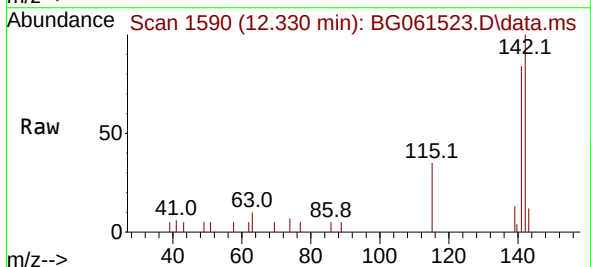
Tgt Ion:128 Resp: 703
Ion Ratio Lower Upper
128 100
129 9.4 8.6 12.8
127 11.5 10.8 16.2

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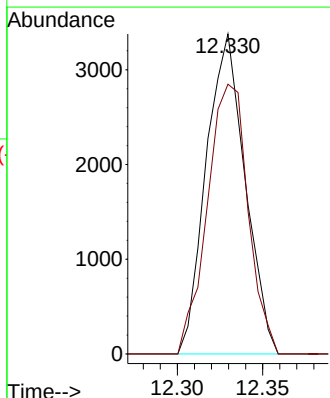
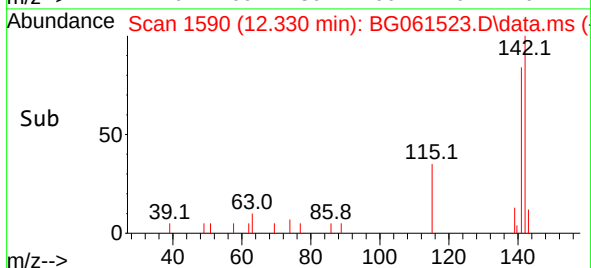
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

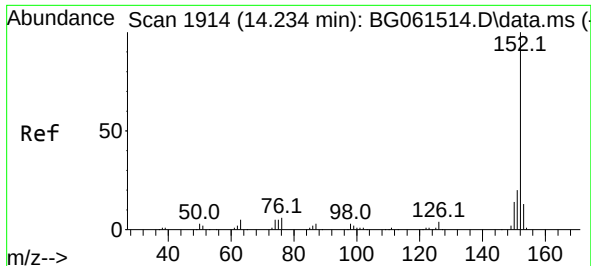


#36
2-Methylnaphthalene
Concen: 1.281 ng/ul
RT: 12.330 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54



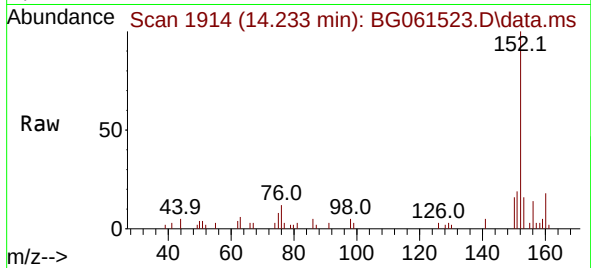
Tgt Ion:142 Resp: 5362
Ion Ratio Lower Upper
142 100
141 84.3 72.2 108.2





#50
Acenaphthylene
Concen: 1.997 ng/ul
RT: 14.233 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

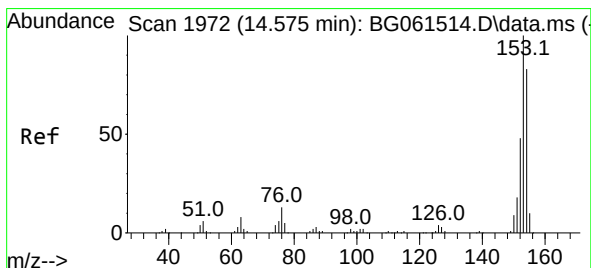
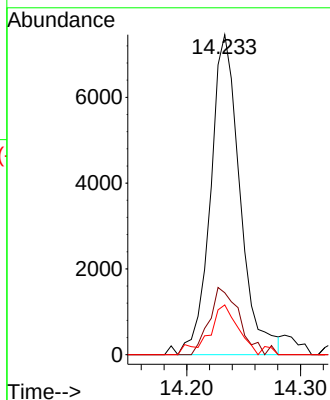
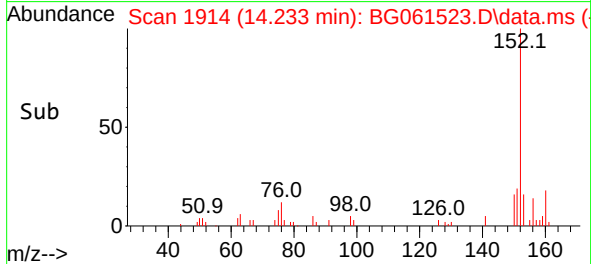
Instrument :
BNA_G
ClientSampleId :
BHBX8



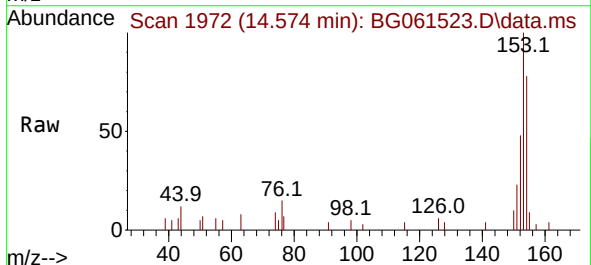
Tgt Ion:152 Resp: 1339
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 15.6 10.2 15.4

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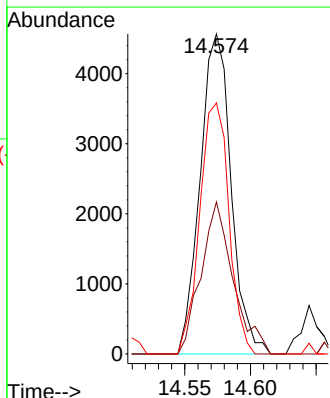
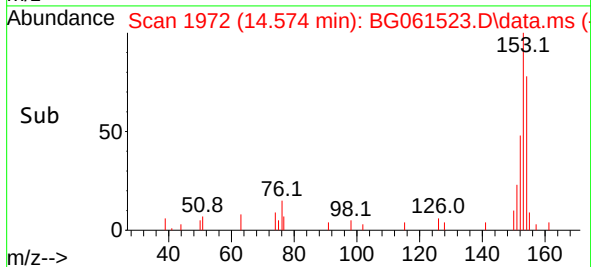
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

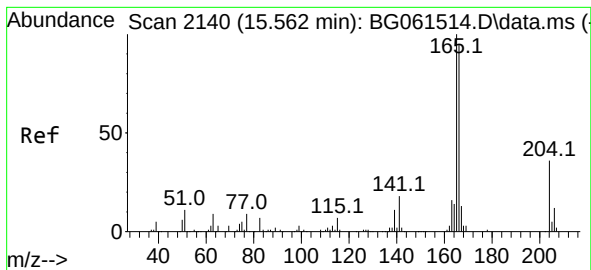


#52
Acenaphthene
Concen: 1.706 ng/ul
RT: 14.574 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54



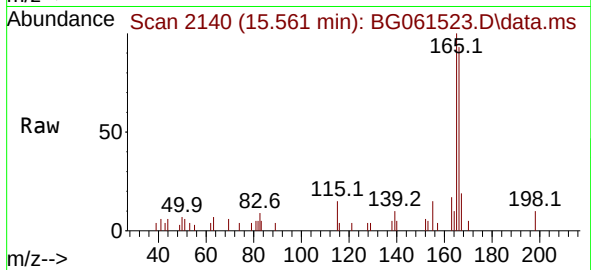
Tgt Ion:153 Resp: 7504
Ion Ratio Lower Upper
153 100
152 47.5 37.8 56.8
154 78.5 69.0 103.6





#61
Fluorene
Concen: 1.352 ng/ul
RT: 15.561 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

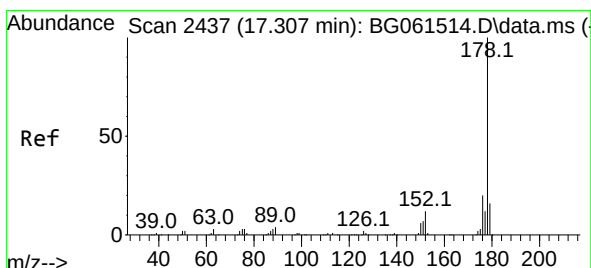
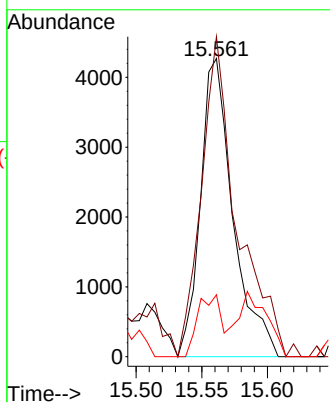
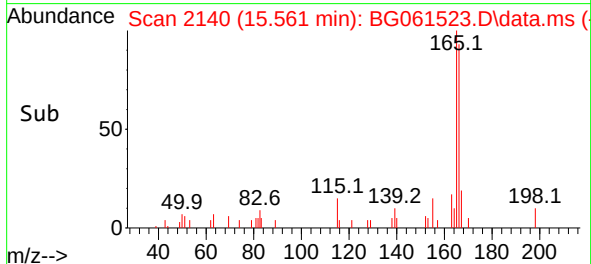
Instrument :
BNA_G
ClientSampleId :
BHBX8



Tgt Ion:166 Resp: 735
Ion Ratio Lower Upper
166 100
165 107.3 81.8 122.8
167 20.8 10.6 16.0

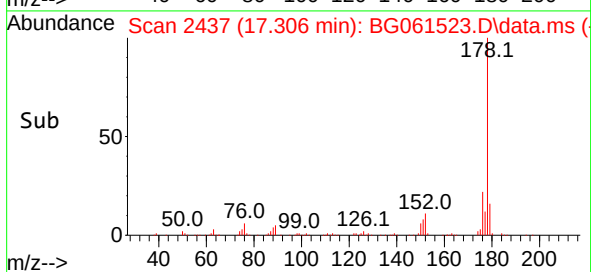
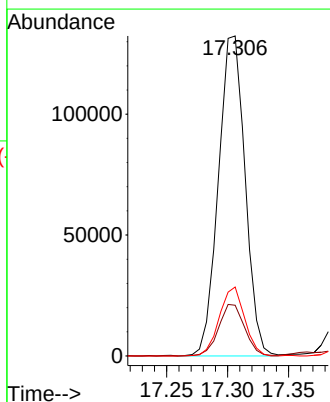
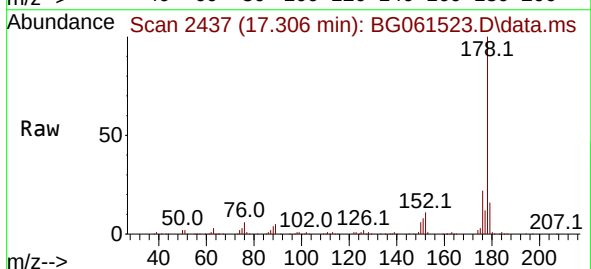
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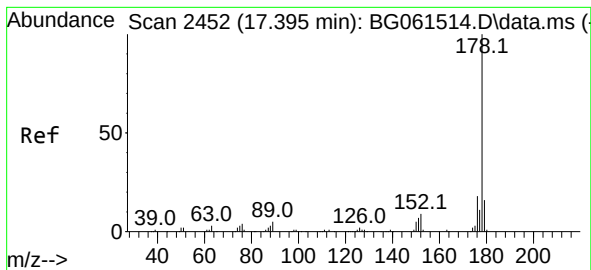
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#72
Phenanthrene
Concen: 24.597 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

Tgt Ion:178 Resp: 202276
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 21.5 15.5 23.3





#74

Anthracene

Concen: 3.829 ng/ul m

RT: 17.394 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BG061523.D

Acq: 6 Jun 2024 23:54

Instrument :

BNA_G

ClientSampleId :

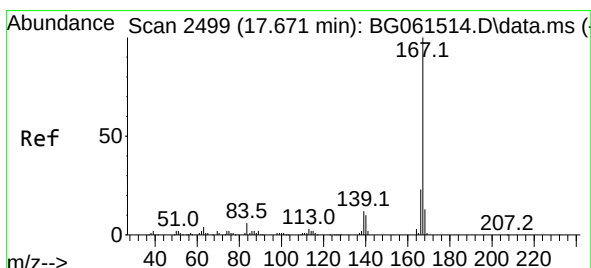
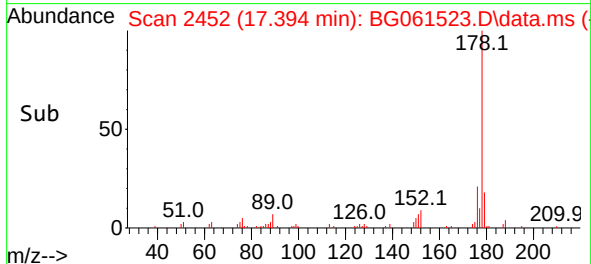
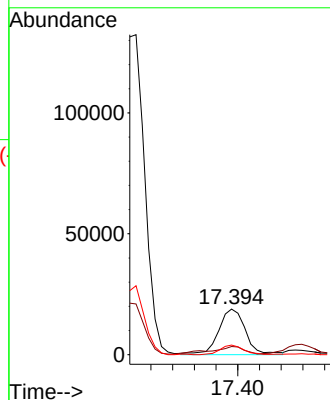
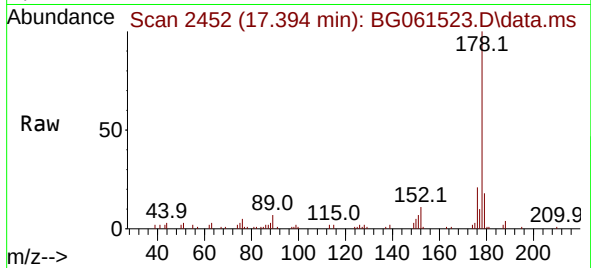
BHBX8

Tgt Ion:178	Resp:	3255
Ion Ratio	Lower	Upper
178	100	
179	17.9	11.8 17.6
176	21.1	14.9 22.3

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2024



#77

Carbazole

Concen: 2.777 ng/ul

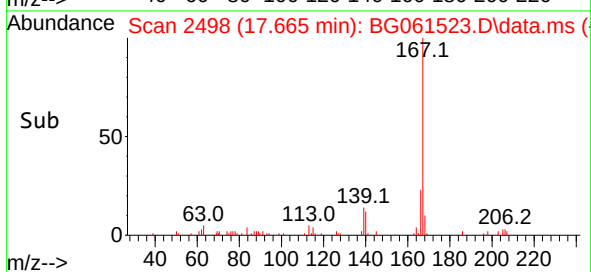
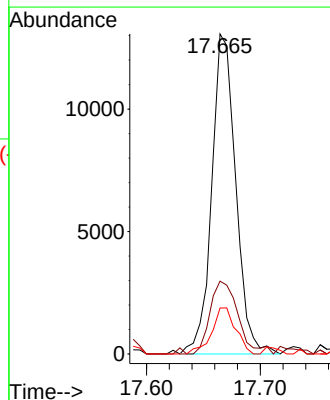
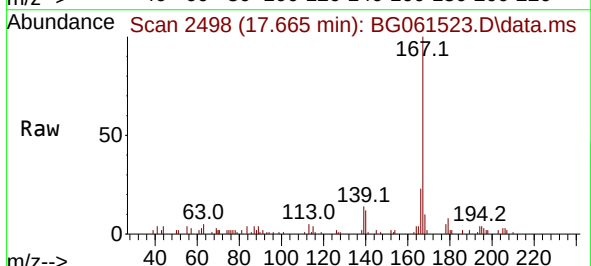
RT: 17.665 min Scan# 2498

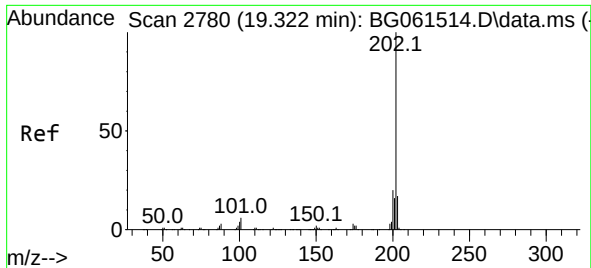
Delta R.T. -0.006 min

Lab File: BG061523.D

Acq: 6 Jun 2024 23:54

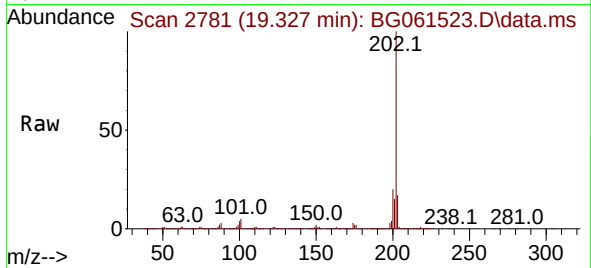
Tgt Ion:167	Resp:	19204
Ion Ratio	Lower	Upper
167	100	
166	22.7	18.6 28.0
139	14.4	10.6 15.8





#80
Fluoranthene
Concen: 55.449 ng/u1
RT: 19.327 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

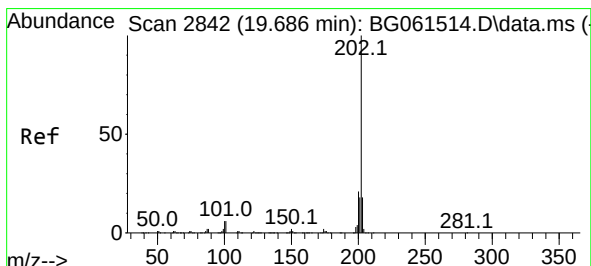
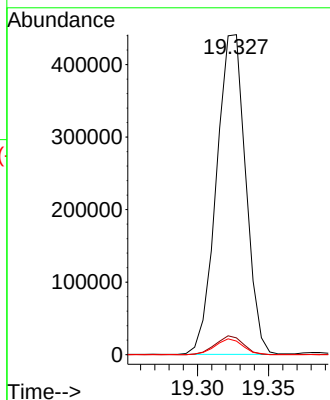
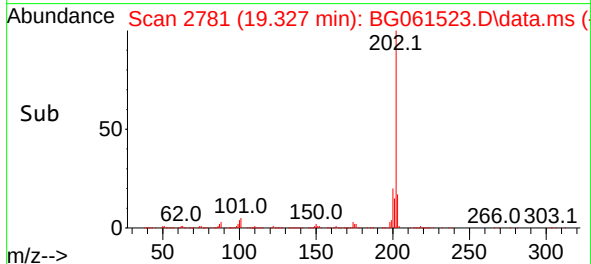
Instrument :
BNA_G
ClientSampleId :
BHBX8



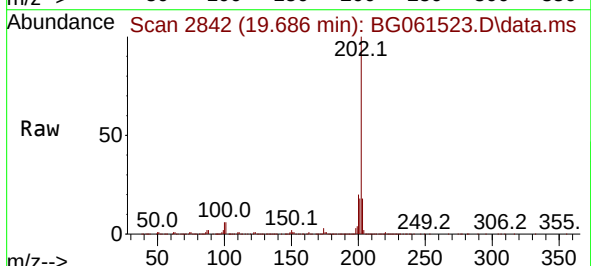
Tgt Ion:202 Resp: 630490
Ion Ratio Lower Upper
202 100
101 5.2 4.8 7.2
100 4.3 4.1 6.1

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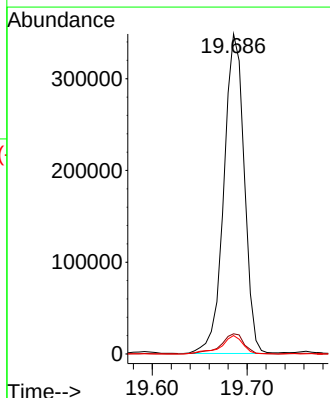
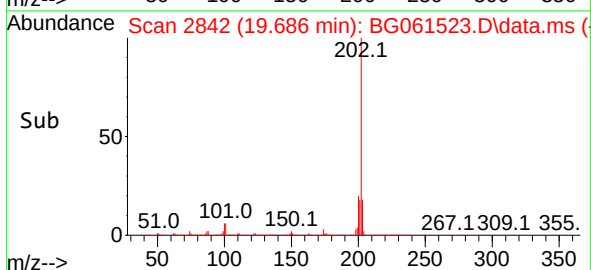
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

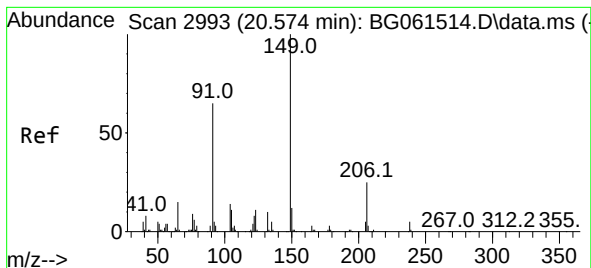


#82
Pyrene
Concen: 44.076 ng/u1
RT: 19.686 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54



Tgt Ion:202 Resp: 520227
Ion Ratio Lower Upper
202 100
101 6.3 5.7 8.5
100 5.7 5.1 7.7





#83

Butylbenzylphthalate

Concen: 3.671 ng/ul

RT: 20.573 min Scan# 2993

Delta R.T. -0.000 min

Lab File: BG061523.D

Acq: 6 Jun 2024 23:54

Instrument :

BNA_G

ClientSampleId :

BHBX8

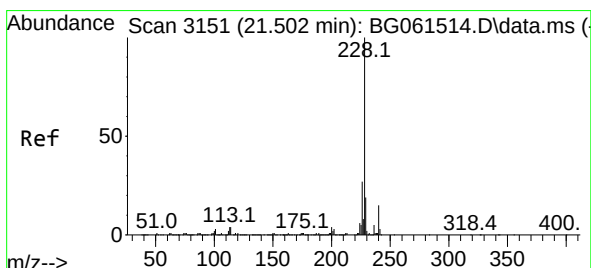
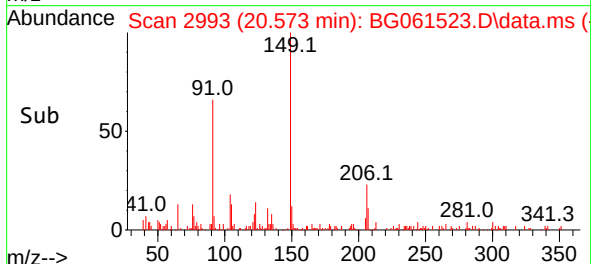
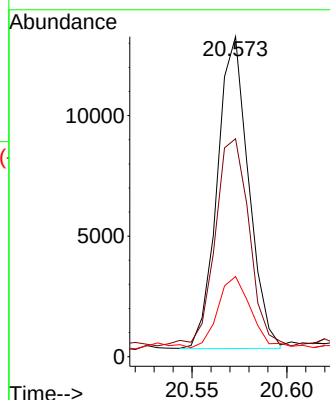
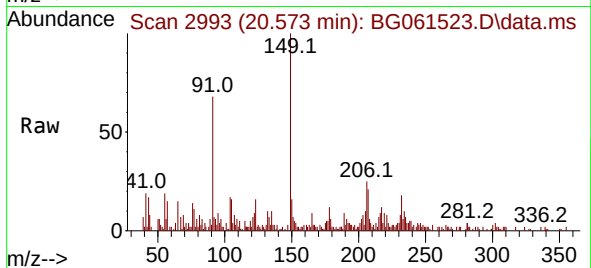
Tgt Ion:149 Resp: 1488

Ion	Ratio	Lower	Upper
149	100		
91	68.1	54.8	82.2
206	25.1	19.4	29.0

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#85

Benzo(a)anthracene

Concen: 26.139 ng/ul

RT: 21.501 min Scan# 3151

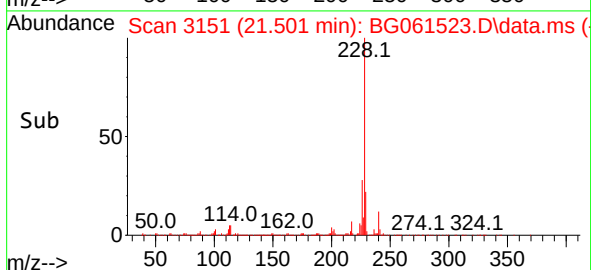
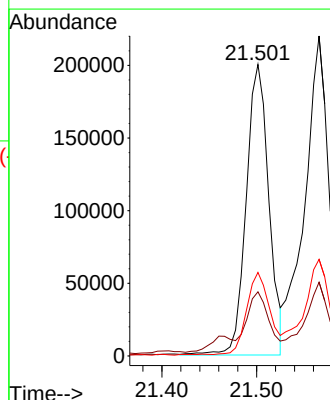
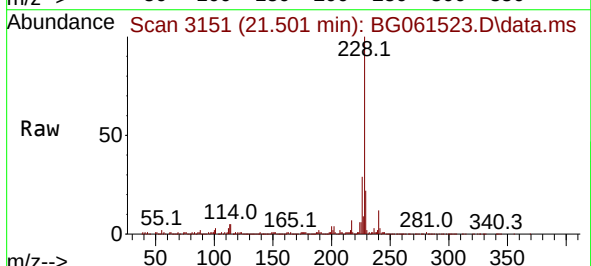
Delta R.T. -0.000 min

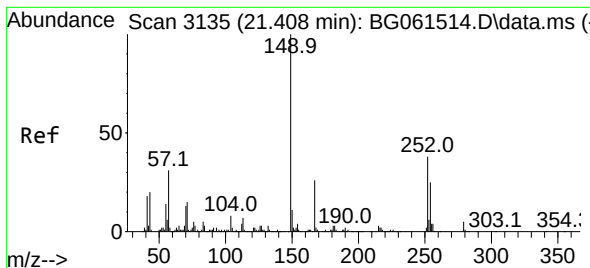
Lab File: BG061523.D

Acq: 6 Jun 2024 23:54

Tgt Ion:228 Resp: 332947

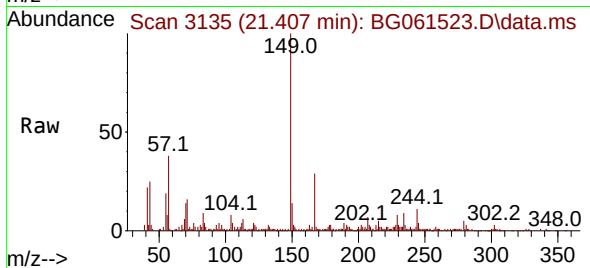
Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.2	22.8
226	28.7	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 9.528 ng/ul
RT: 21.407 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

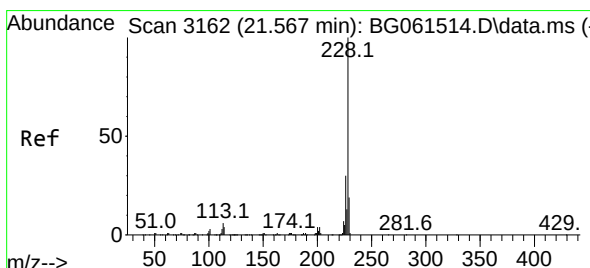
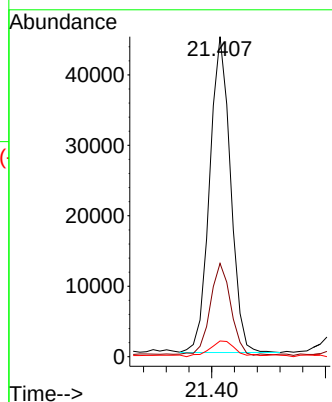
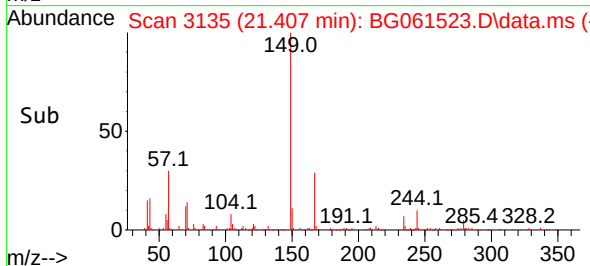
Instrument :
BNA_G
ClientSampleId :
BHBX8



Tgt Ion:149 Resp: 5718
Ion Ratio Lower Upper
149 100
167 29.2 21.1 31.7
279 4.9 3.3 4.9

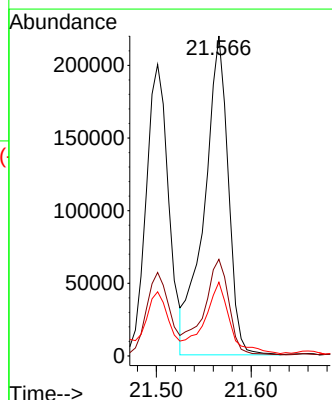
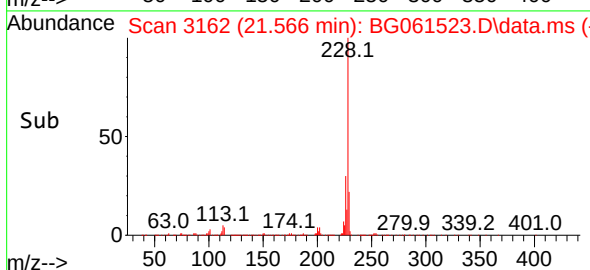
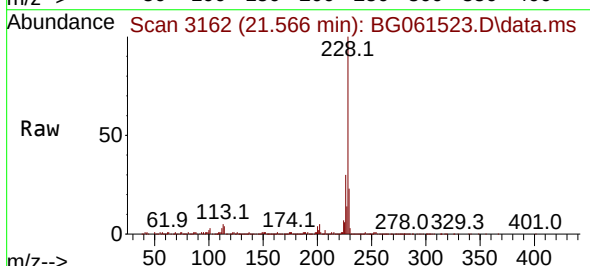
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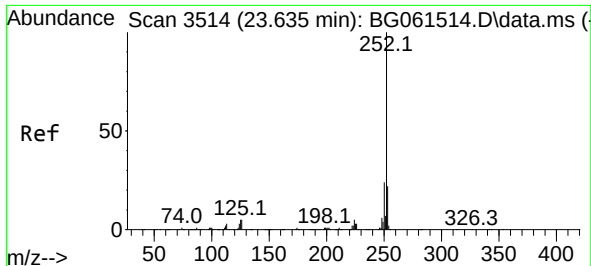
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#87
Chrysene
Concen: 32.843 ng/ul
RT: 21.566 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

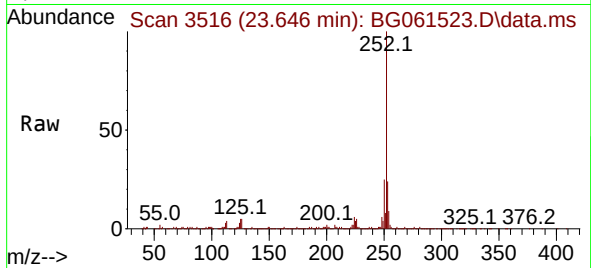
Tgt Ion:228 Resp: 385208
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.0
229 23.0 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 42.577 ng/ul
RT: 23.646 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

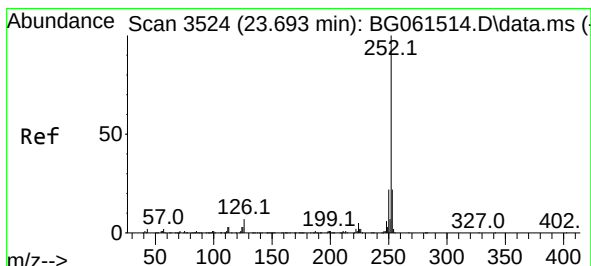
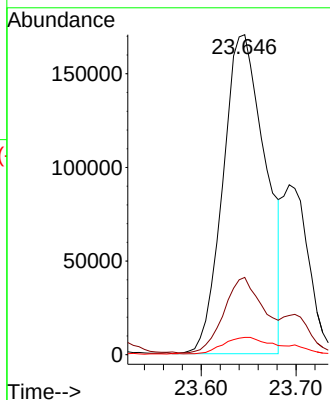
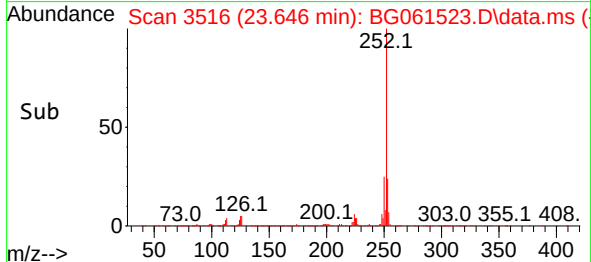
Instrument :
BNA_G
ClientSampleId :
BHBX8



Tgt Ion:252 Resp: 53207
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 5.4 4.6 6.8

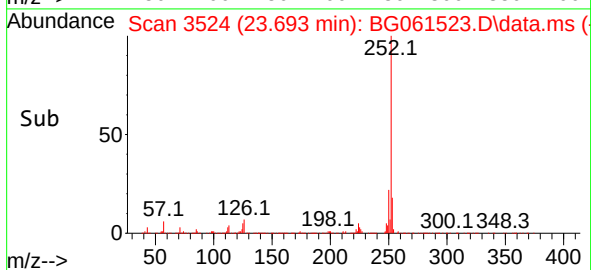
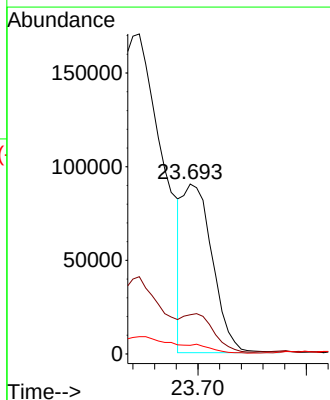
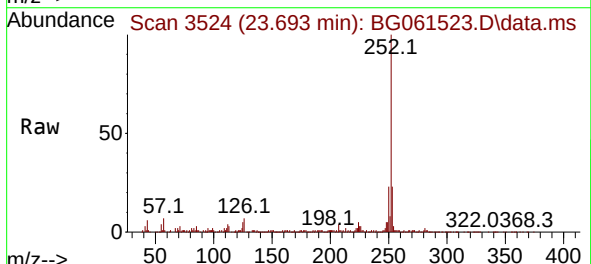
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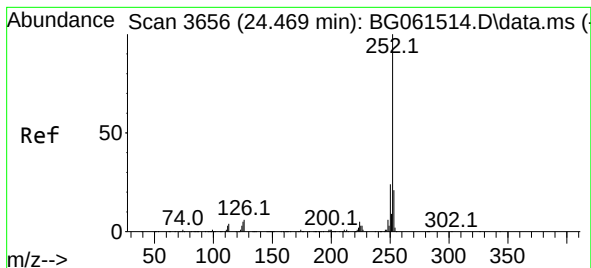
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#91
Benzo(k)fluoranthene
Concen: 13.582 ng/ul m
RT: 23.693 min Scan# 3524
Delta R.T. -0.006 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

Tgt Ion:252 Resp: 172303
Ion Ratio Lower Upper
252 100
253 23.1 16.0 24.0
125 5.1 4.3 6.5





#93

Benzo(a)pyrene

Concen: 19.076 ng/ul

RT: 24.468 min Scan# 30

Delta R.T. -0.000 min

Lab File: BG061523.D

Acq: 6 Jun 2024 23:54

Instrument :

BNA_G

ClientSampleId :

BHBX8

Tgt Ion:252 Resp: 22636

Ion Ratio Lower Upper

252 100

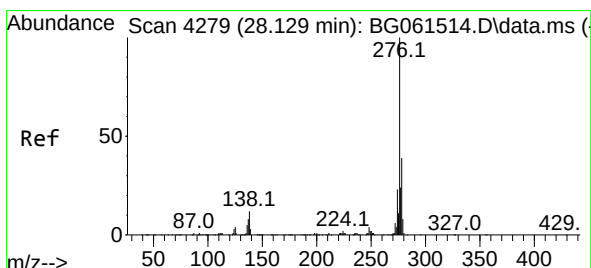
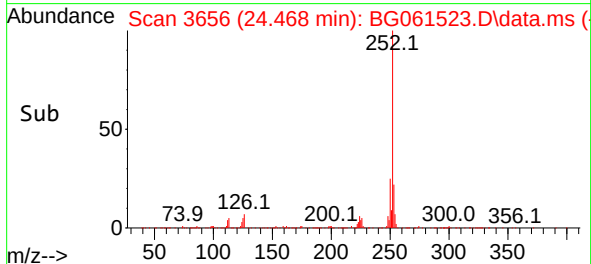
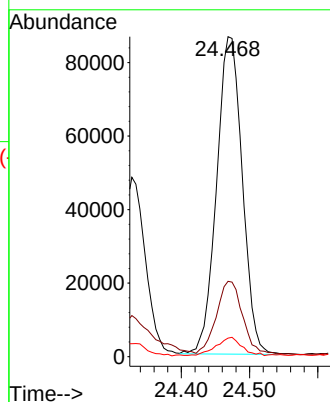
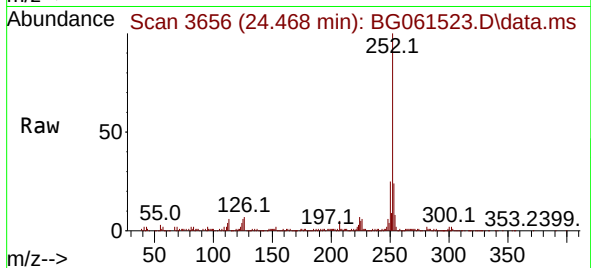
253 23.6 16.4 24.6

125 5.8 4.3 6.5

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 12.848 ng/ul

RT: 28.129 min Scan# 4279

Delta R.T. -0.006 min

Lab File: BG061523.D

Acq: 6 Jun 2024 23:54

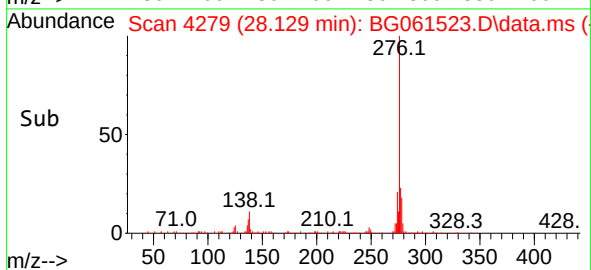
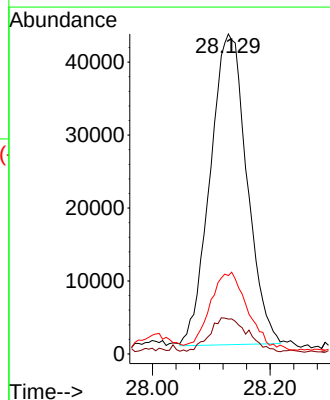
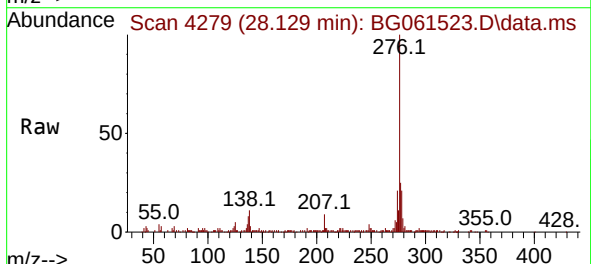
Tgt Ion:276 Resp: 184376

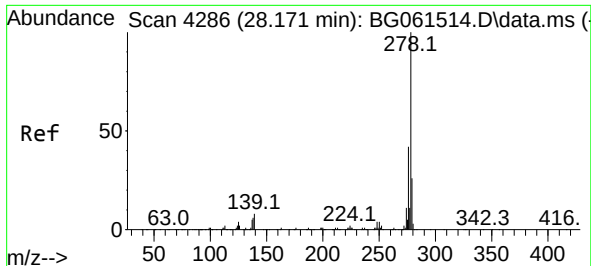
Ion Ratio Lower Upper

276 100

138 10.9 8.6 13.0

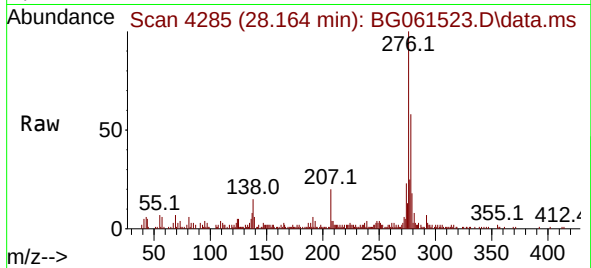
277 24.5 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 4.919 ng/ul
RT: 28.164 min Scan# 4286
Delta R.T. -0.006 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

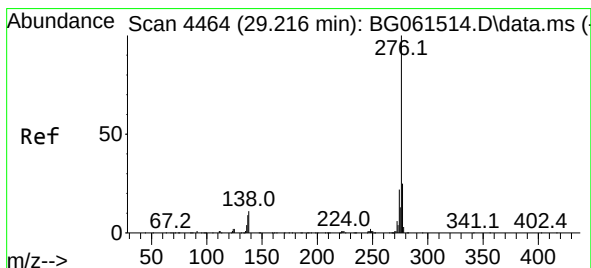
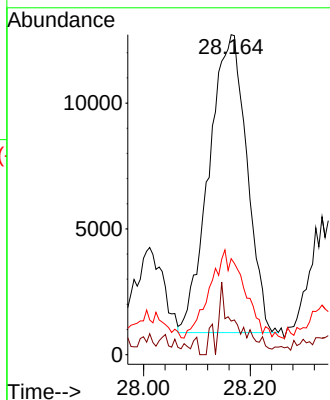
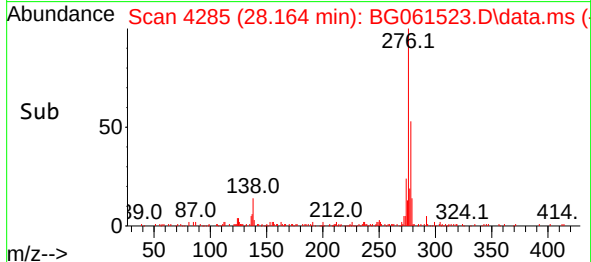
Instrument :
BNA_G
ClientSampleId :
BHBX8



Tgt Ion:278 Resp: 5820
Ion Ratio Lower Upper
278 100
139 10.5 6.4 9.6
279 30.0 19.9 29.9

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 2.482 ng/ul m
RT: 29.228 min Scan# 4466
Delta R.T. 0.006 min
Lab File: BG061523.D
Acq: 6 Jun 2024 23:54

Tgt Ion:276 Resp: 28331
Ion Ratio Lower Upper
276 100
138 14.3 8.7 13.1#
277 25.7 18.2 27.2

