

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061526.D
 Acq On : 7 Jun 2024 1:57
 Operator : MA/JU
 Sample : P2634-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBV3

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 02:37:29 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	7.878	152	35139	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	125809	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.512	164	87246	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	196776	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	209814	20.000	ng/u1	0.00
88) Perylene-d12	24.612	264	245462	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	2961	4.716	ng/uL	0.01
4) Pyridine-d5	3.777	84	25372	11.358	ng/u1	0.00
7) Phenol-d5	7.074	99	61582	21.341	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.209	67	40218	22.174	ng/u1	0.00
11) 2-Chlorophenol-d4	7.426	132	54388	25.467	ng/u1	0.00
15) 4-Methylphenol-d8	8.601	113	43681	17.753	ng/u1	0.00
21) Nitrobenzene-d5	9.036	128	26885	27.755	ng/u1	0.00
24) 2-Nitrophenol-d4	9.759	143	31030	27.372	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.311	165	58001	26.244	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	23801	8.232	ng/u1	0.00
46) Dimethylphthalate-d6	13.918	166	171144	25.292	ng/u1	0.00
49) Acenaphthylene-d8	14.201	160	184570	26.237	ng/u1	0.00
54) 4-Nitrophenol-d4	14.759	143	18318m	21.896	ng/u1	0.00
60) Fluorene-d10	15.505	176	150899	25.830	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	9961	8.370	ng/u1	0.00
73) Anthracene-d10	17.362	188	246358	28.398	ng/u1	0.00
81) Pyrene-d10	19.659	212	283687	26.333	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.406	264	246623	20.899	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.716	128	9112	1.372	ng/u1#	94
36) 2-Methylnaphthalene	12.332	142	6387	1.326	ng/u1	93
50) Acenaphthylene	14.236	152	19788	2.537	ng/u1	98
52) Acenaphthene	14.571	153	9190	1.796	ng/u1	94
61) Fluorene	15.558	166	11465m	1.811	ng/u1	
72) Phenanthrene	17.303	178	296859	31.082	ng/u1	99
74) Anthracene	17.397	178	43084	4.363	ng/u1	98
77) Carbazole	17.667	167	26355	3.281	ng/u1	98
80) Fluoranthene	19.324	202	876879	67.851	ng/u1	99
82) Pyrene	19.688	202	725322	54.069	ng/u1	98
85) Benzo(a)anthracene	21.504	228	474588	32.782	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	15888	2.329	ng/u1#	93
87) Chrysene	21.568	228	513898	38.551	ng/u1	95
90) Benzo(b)fluoranthene	23.642	252	698867	47.820	ng/u1	99
91) Benzo(k)fluoranthene	23.695	252	224058m	15.102	ng/u1	
93) Benzo(a)pyrene	24.471	252	308525	22.232	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.131	276	245339	14.619	ng/u1	99
95) Dibenzo(a,h)anthracene	28.166	278	77815	5.623	ng/u1#	89
96) Benzo(g,h,i)perylene	29.224	276	37184m	2.785	ng/u1	

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

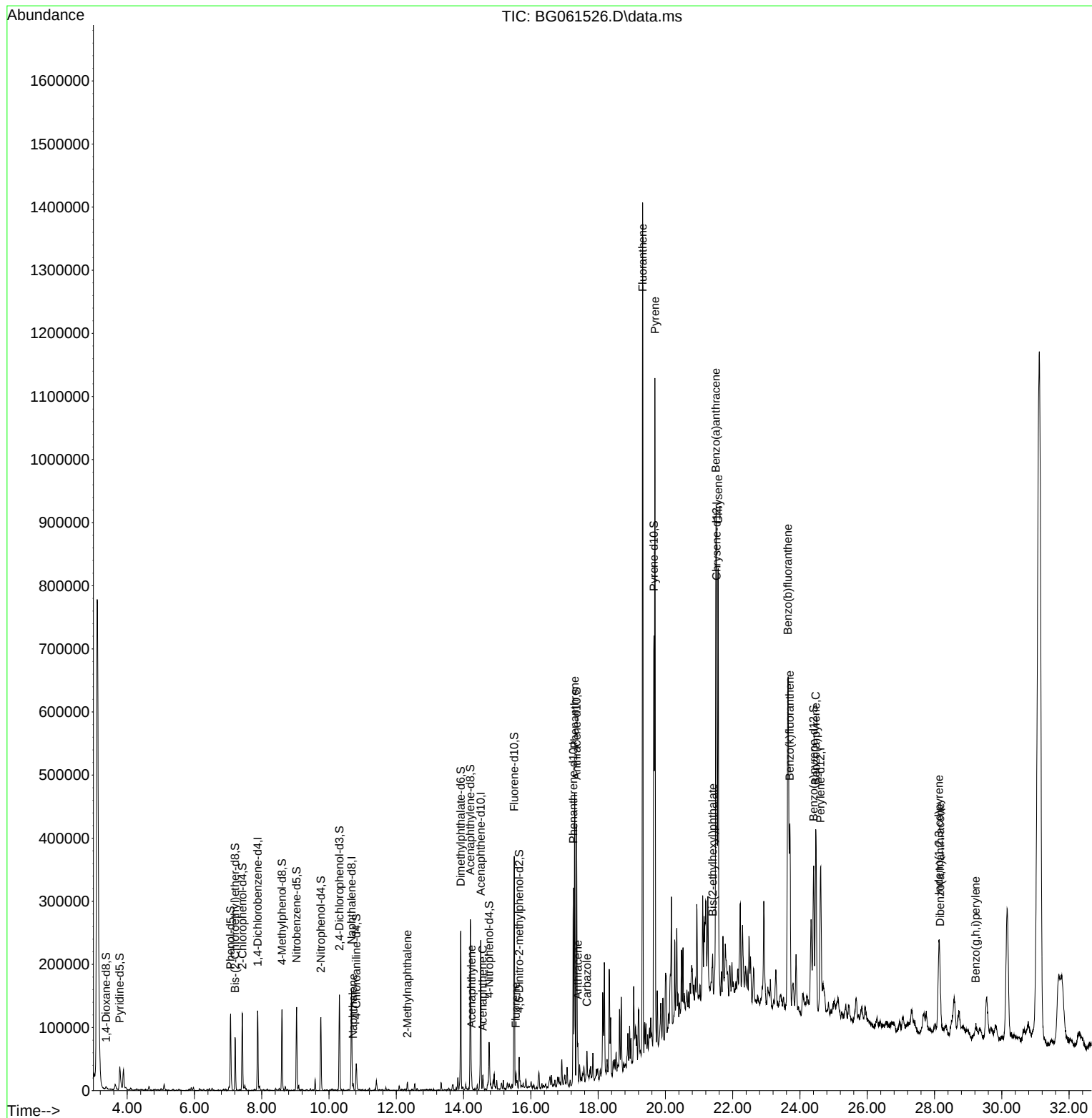
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061526.D
 Acq On : 7 Jun 2024 1:57
 Operator : MA/JU
 Sample : P2634-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

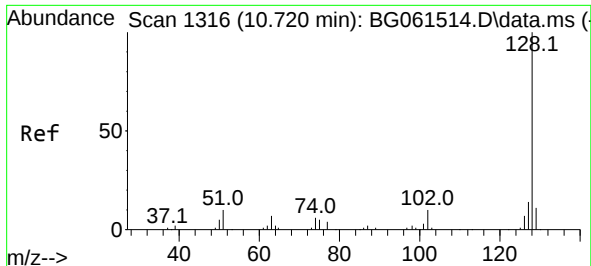
Instrument :
 BNA_G
 ClientSampleId :
 BHBY3

Manual Integrations APPROVED

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

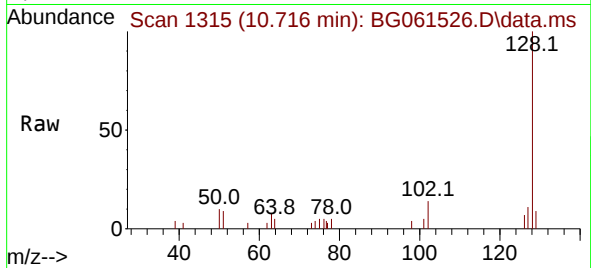
Quant Time: Jun 07 02:37:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration





#30
Naphthalene
Concen: 1.372 ng/ul
RT: 10.716 min Scan# 1112
Delta R.T. -0.004 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57

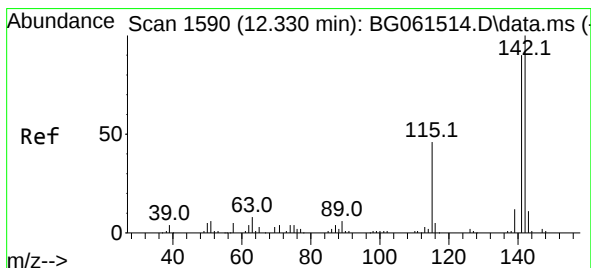
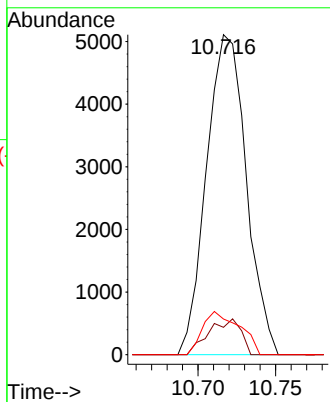
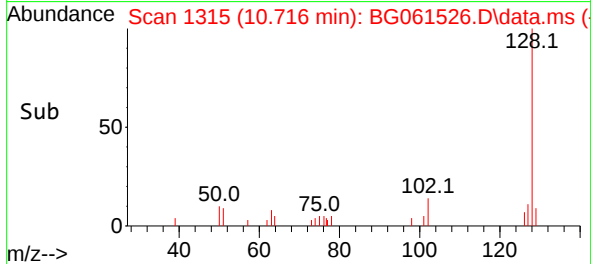
Instrument :
BNA_G
ClientSampleId :
BHBY3



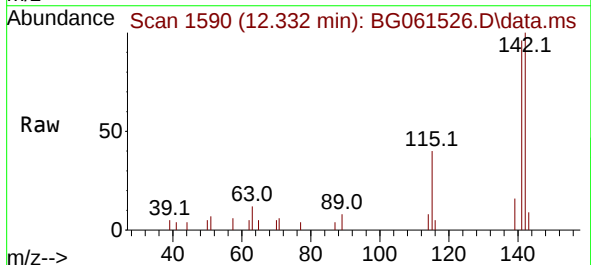
Tgt Ion:128 Resp: 9112
Ion Ratio Lower Upper
128 100
129 8.6 8.6 12.8
127 11.1 10.8 16.2

Manual Integrations
APPROVED

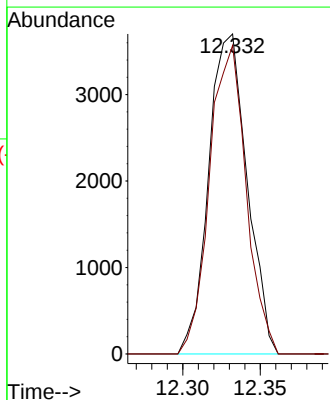
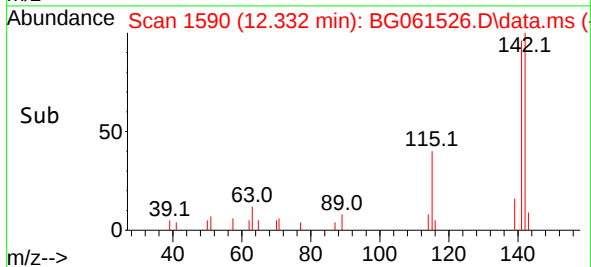
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

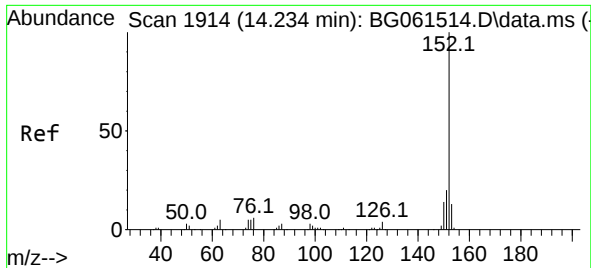


#36
2-Methylnaphthalene
Concen: 1.326 ng/ul
RT: 12.332 min Scan# 1590
Delta R.T. 0.002 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57



Tgt Ion:142 Resp: 6387
Ion Ratio Lower Upper
142 100
141 96.4 72.2 108.2





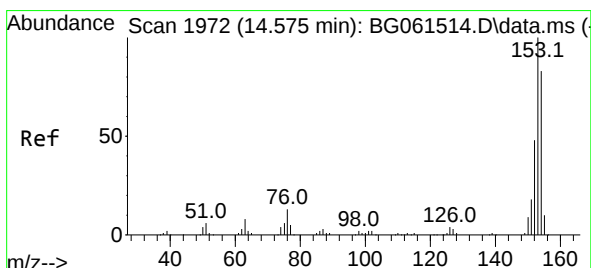
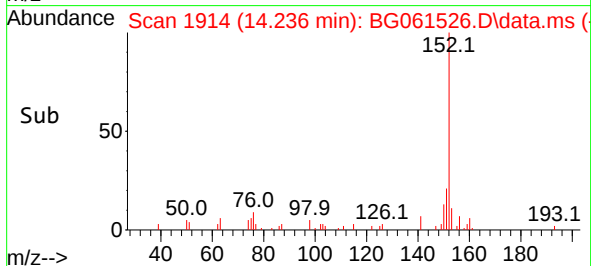
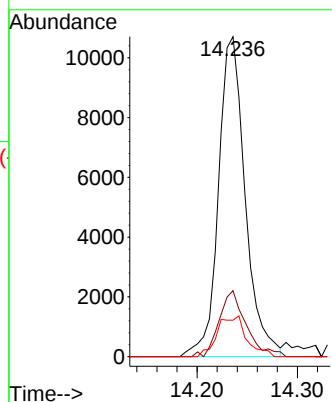
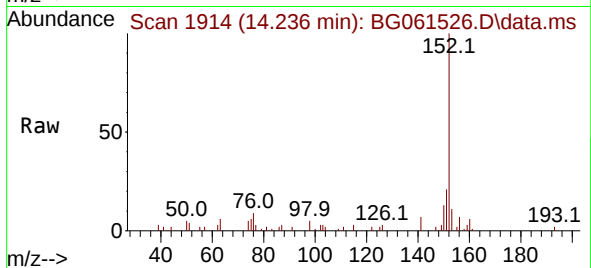
#50
Acenaphthylene
Concen: 2.537 ng/ul
RT: 14.236 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57

Instrument :
BNA_G
ClientSampleId :
BHY3

Tgt Ion:152 Resp: 1978
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 11.4 10.2 15.4

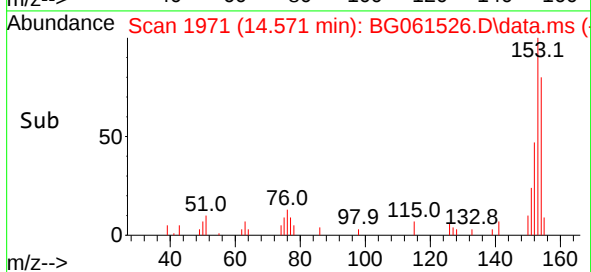
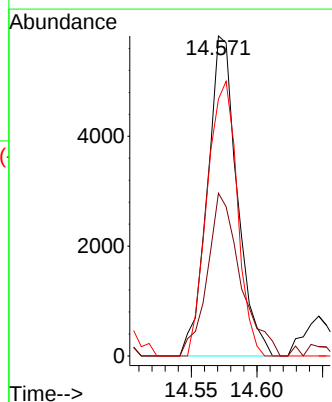
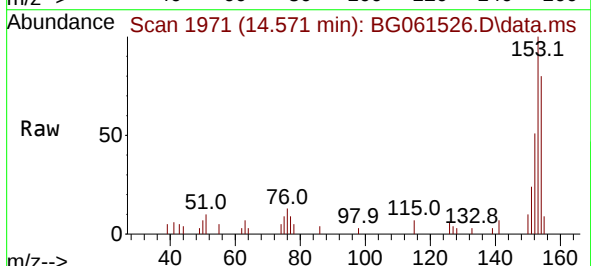
Manual Integrations
APPROVED

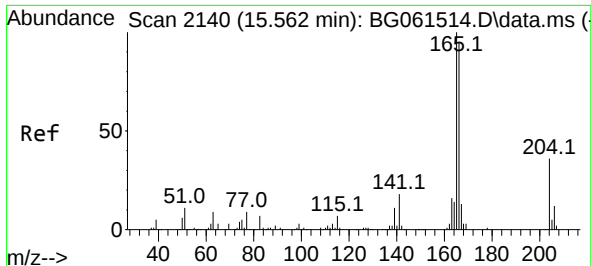
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#52
Acenaphthene
Concen: 1.796 ng/ul
RT: 14.571 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57

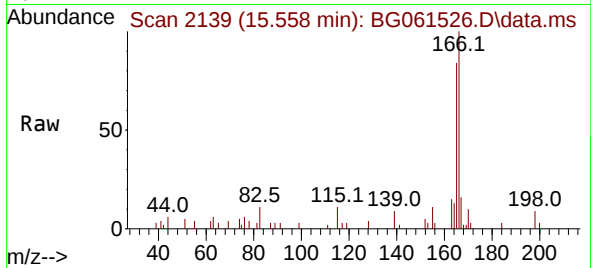
Tgt Ion:153 Resp: 9190
Ion Ratio Lower Upper
153 100
152 50.8 37.8 56.8
154 80.3 69.0 103.6





#61
Fluorene
Concen: 1.811 ng/ul m
RT: 15.558 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57

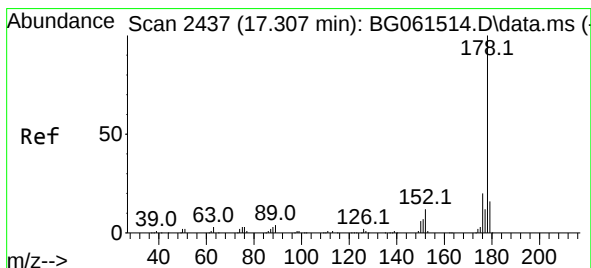
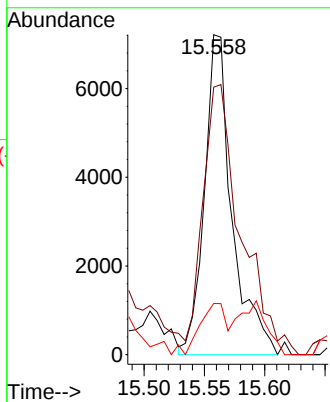
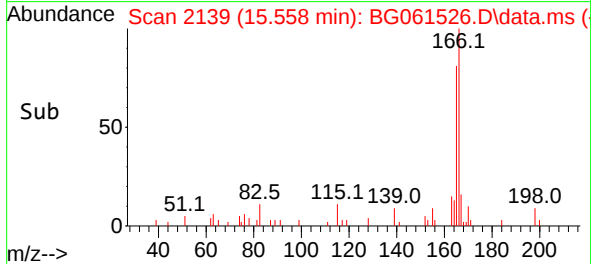
Instrument :
BNA_G
ClientSampleId :
BHY3



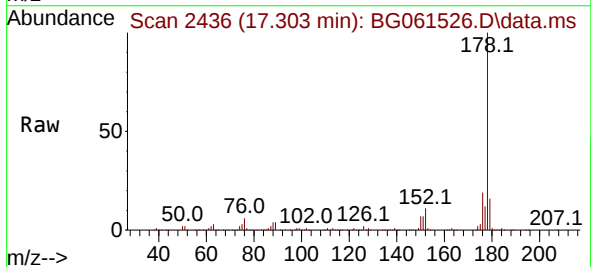
Tgt Ion:166 Resp: 1146
Ion Ratio Lower Upper
166 100
165 83.6 81.8 122.8
167 16.0 10.6 16.0

Manual Integrations
APPROVED

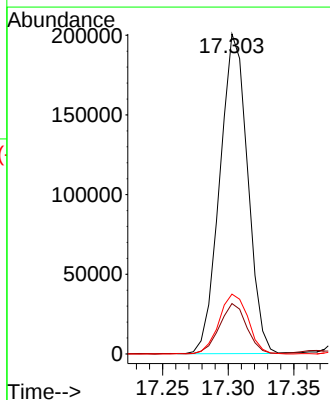
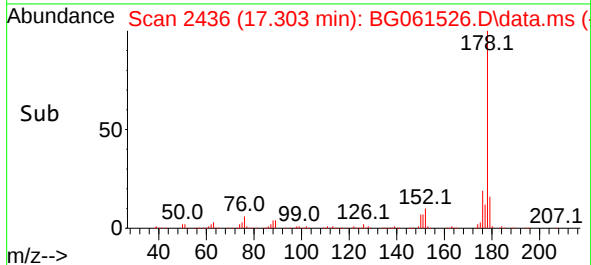
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

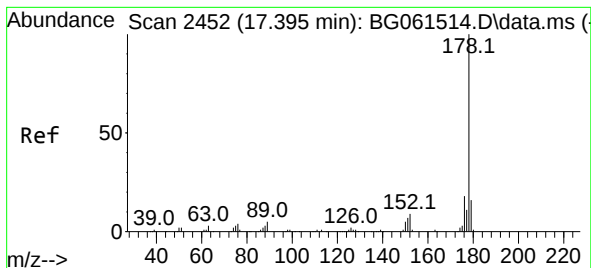


#72
Phenanthrene
Concen: 31.082 ng/ul
RT: 17.303 min Scan# 2436
Delta R.T. -0.004 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57



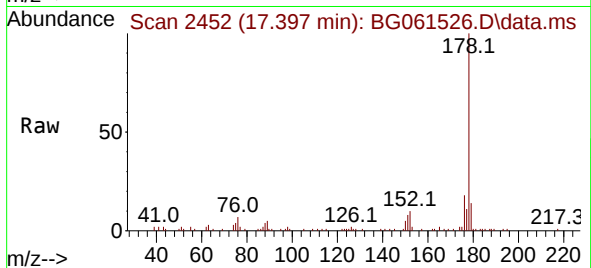
Tgt Ion:178 Resp: 296859
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 18.7 15.5 23.3





#74
 Anthracene
 Concen: 4.363 ng/ul
 RT: 17.397 min Scan# 2452
 Delta R.T. 0.002 min
 Lab File: BG061526.D
 Acq: 7 Jun 2024 1:57

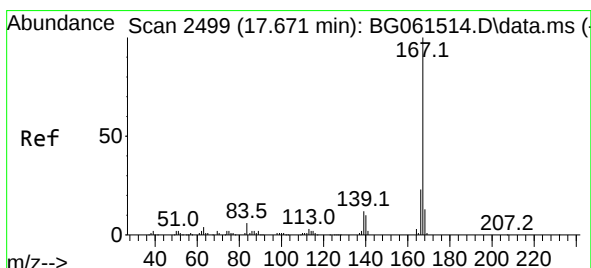
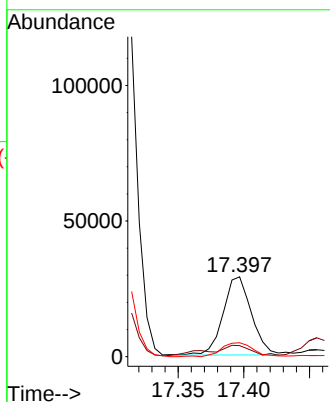
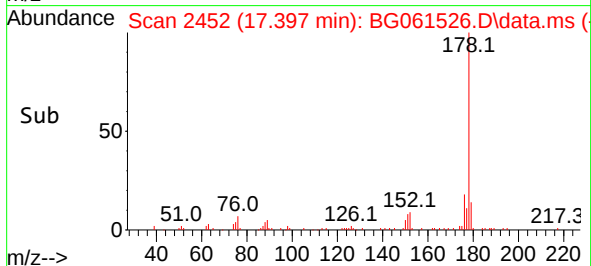
Instrument :
 BNA_G
 ClientSampleId :
 BHBV3



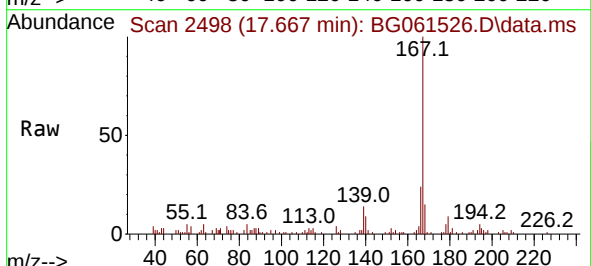
Tgt Ion:178 Resp: 43084
 Ion Ratio Lower Upper
 178 100
 179 13.9 11.8 17.6
 176 17.5 14.9 22.3

Manual Integrations
 APPROVED

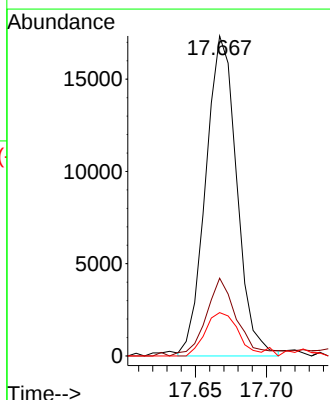
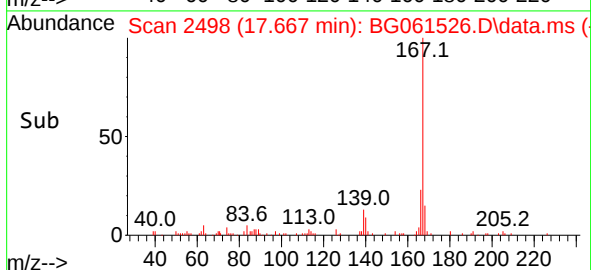
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

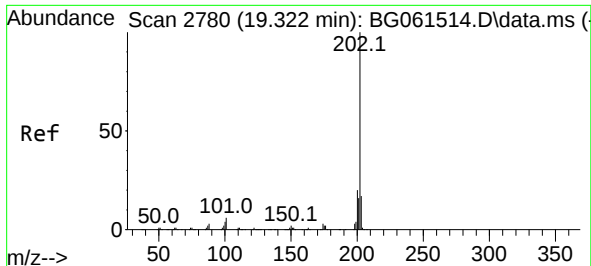


#77
 Carbazole
 Concen: 3.281 ng/ul
 RT: 17.667 min Scan# 2498
 Delta R.T. -0.004 min
 Lab File: BG061526.D
 Acq: 7 Jun 2024 1:57



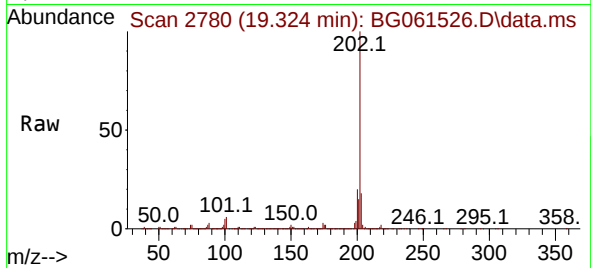
Tgt Ion:167 Resp: 26355
 Ion Ratio Lower Upper
 167 100
 166 24.3 18.6 28.0
 139 13.6 10.6 15.8





#80
Fluoranthene
Concen: 67.851 ng/u1
RT: 19.324 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57

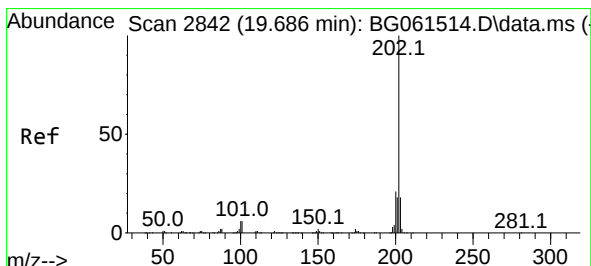
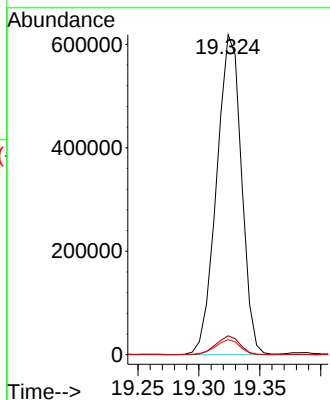
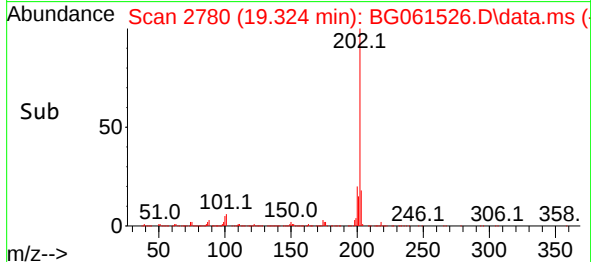
Instrument :
BNA_G
ClientSampleId :
BHY3



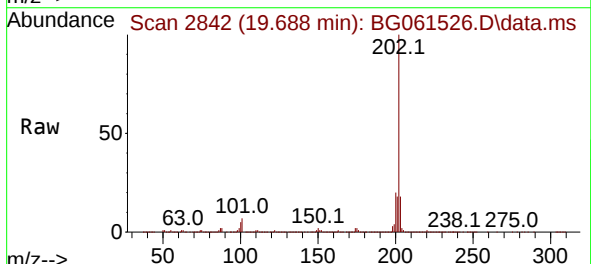
Tgt Ion:202 Resp: 876879
Ion Ratio Lower Upper
202 100
101 5.9 4.8 7.2
100 4.7 4.1 6.1

Manual Integrations
APPROVED

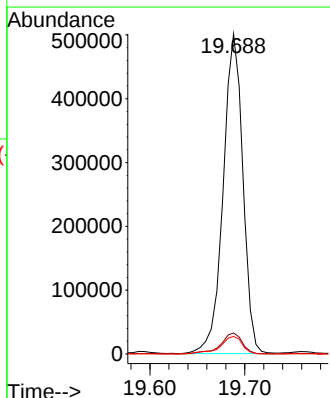
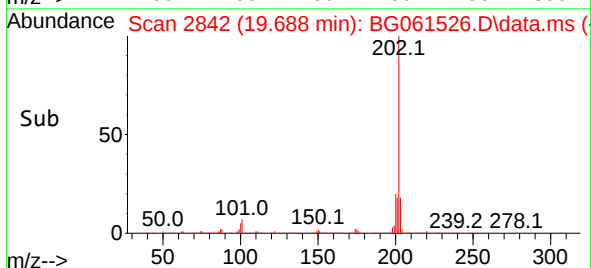
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

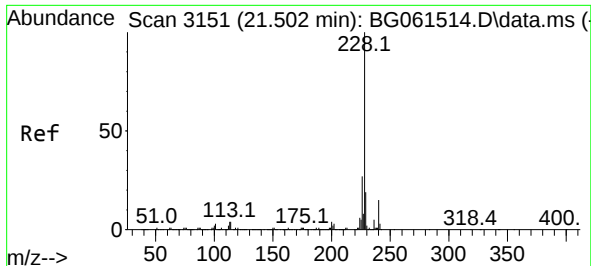


#82
Pyrene
Concen: 54.069 ng/u1
RT: 19.688 min Scan# 2842
Delta R.T. 0.002 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57



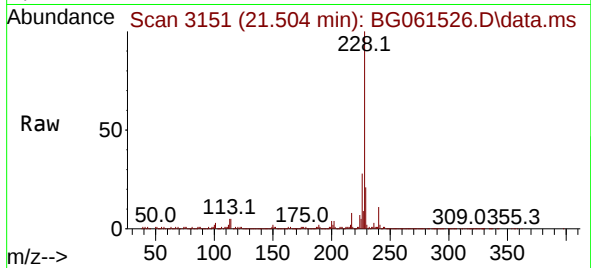
Tgt Ion:202 Resp: 725322
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 5.4 5.1 7.7





#85
Benzo(a)anthracene
Concen: 32.782 ng/ul
RT: 21.504 min Scan# 3151
Delta R.T. 0.002 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57

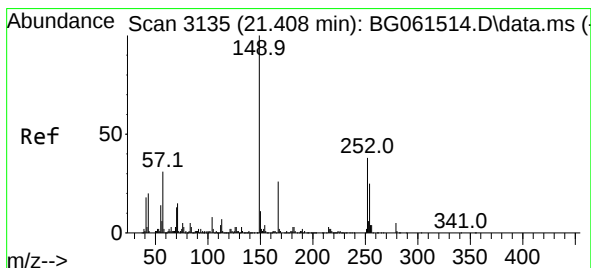
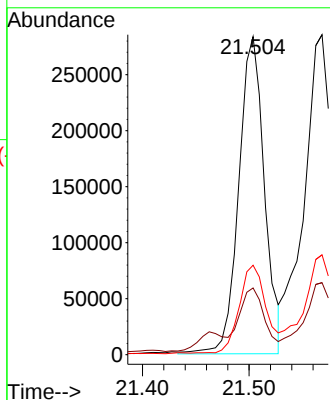
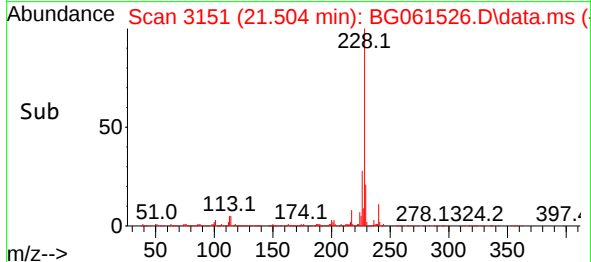
Instrument :
BNA_G
ClientSampleId :
BHBV3



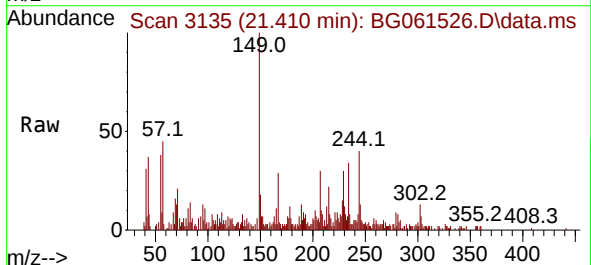
Tgt Ion:228 Resp: 474588
Ion Ratio Lower Upper
228 100
229 21.0 15.2 22.8
226 28.1 21.4 32.2

Manual Integrations
APPROVED

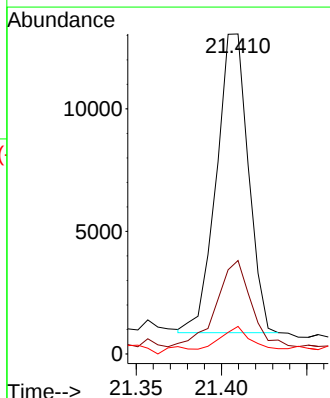
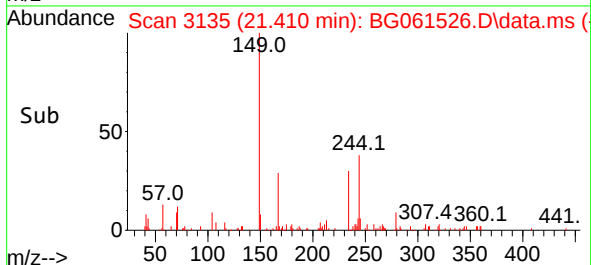
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

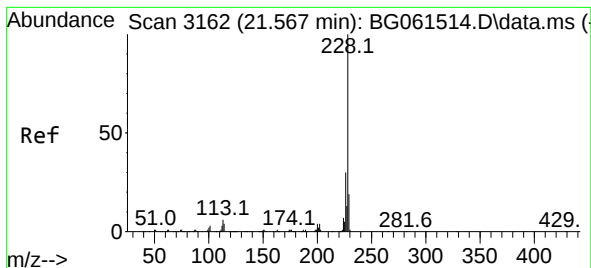


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.329 ng/ul
RT: 21.410 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57



Tgt Ion:149 Resp: 15888
Ion Ratio Lower Upper
149 100
167 29.2 21.1 31.7
279 8.6 3.3 4.9#





#87

Chrysene

Concen: 38.551 ng/u1

RT: 21.568 min Scan# 3162

Delta R.T. 0.002 min

Lab File: BG061526.D

Acq: 7 Jun 2024 1:57

Instrument :

BNA_G

ClientSampleId :

BHBY3

Tgt Ion:228 Resp: 51389

Ion Ratio Lower Upper

228 100

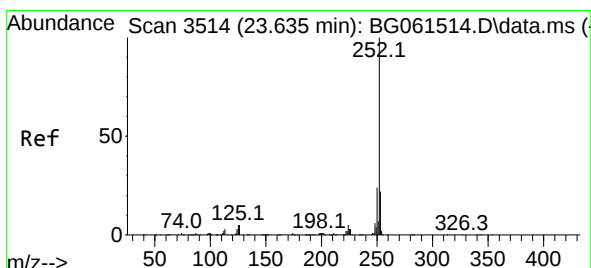
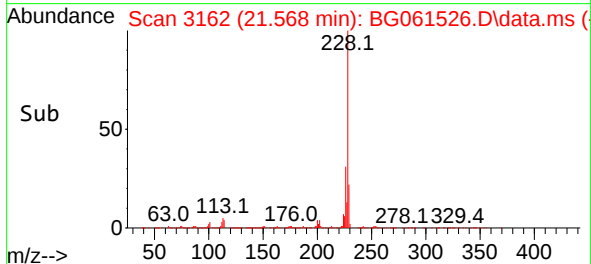
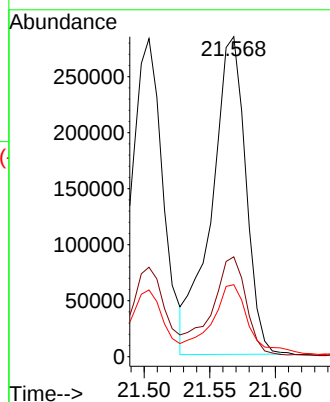
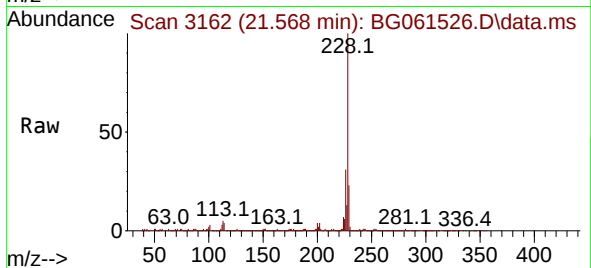
226 31.2 23.4 35.0

229 22.5 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: 47.820 ng/u1

RT: 23.642 min Scan# 3515

Delta R.T. 0.008 min

Lab File: BG061526.D

Acq: 7 Jun 2024 1:57

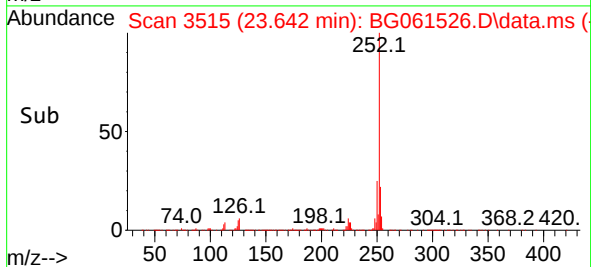
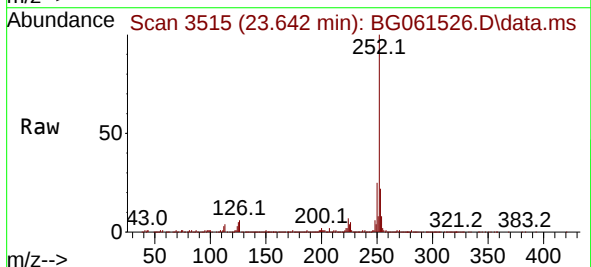
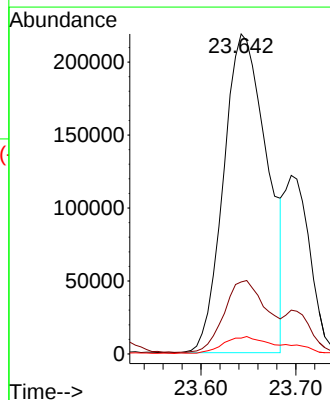
Tgt Ion:252 Resp: 698867

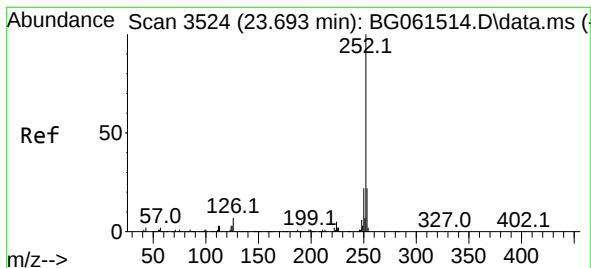
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 5.0 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 15.102 ng/ul m

RT: 23.695 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG061526.D

Acq: 7 Jun 2024 1:57

Instrument :

BNA_G

ClientSampleId :

BHBY3

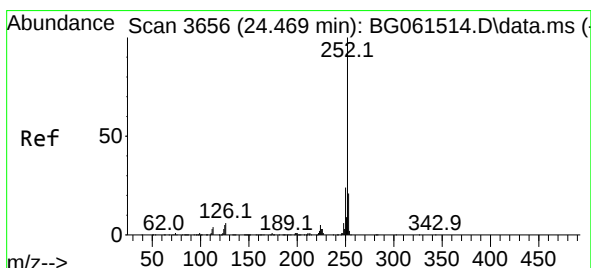
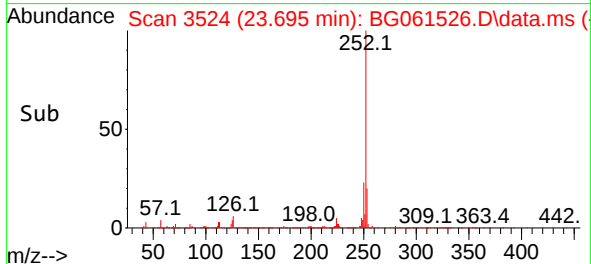
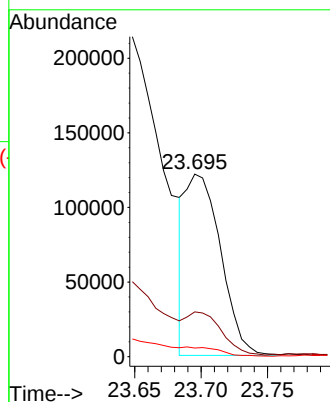
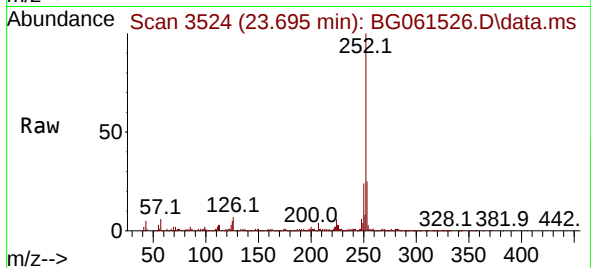
Tgt Ion:252 Resp: 224058

Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.0	24.0
125	4.7	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: 22.232 ng/ul

RT: 24.471 min Scan# 3656

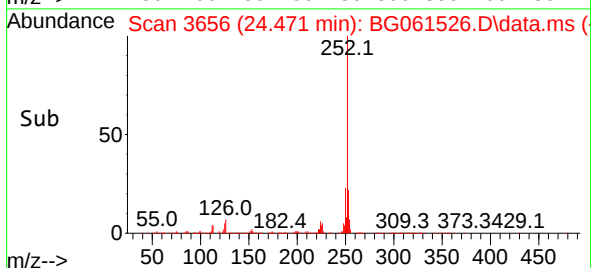
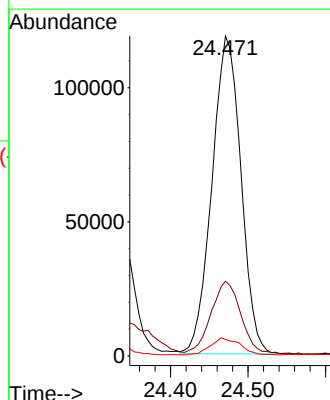
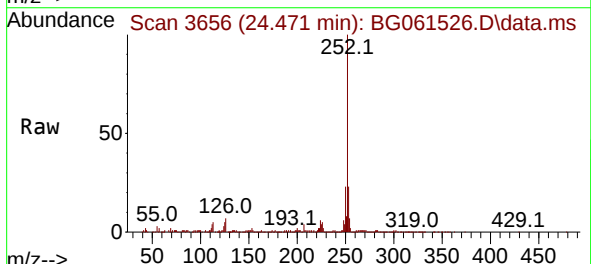
Delta R.T. 0.002 min

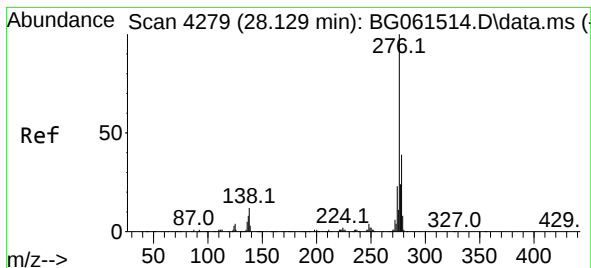
Lab File: BG061526.D

Acq: 7 Jun 2024 1:57

Tgt Ion:252 Resp: 308525

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.4	24.6
125	5.2	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 14.619 ng/ul

RT: 28.131 min Scan# 4279

Delta R.T. -0.004 min

Lab File: BG061526.D

Acq: 7 Jun 2024 1:57

Instrument :

BNA_G

ClientSampleId :

BHBY3

Tgt Ion:276 Resp: 245339

Ion Ratio Lower Upper

276 100

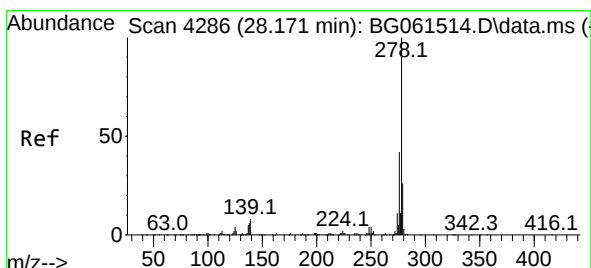
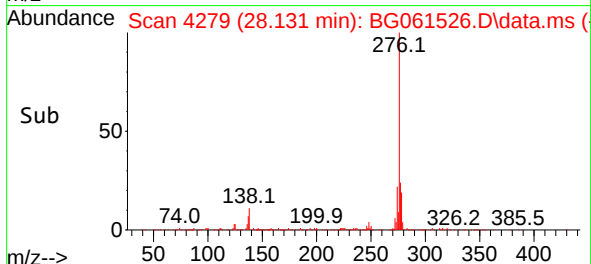
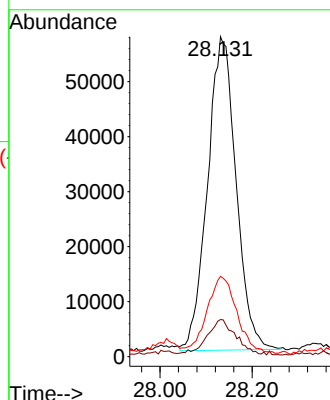
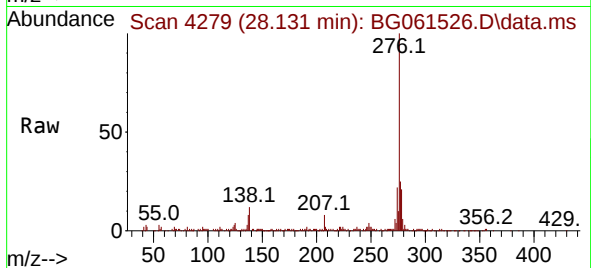
138 11.6 8.6 13.0

277 25.1 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: 5.623 ng/ul

RT: 28.166 min Scan# 4285

Delta R.T. -0.004 min

Lab File: BG061526.D

Acq: 7 Jun 2024 1:57

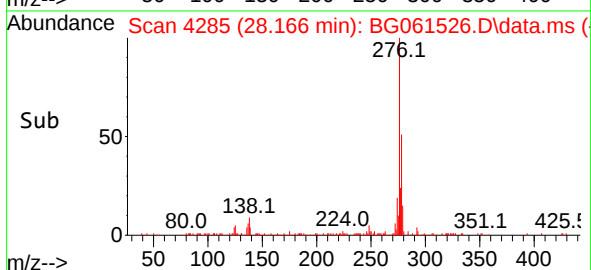
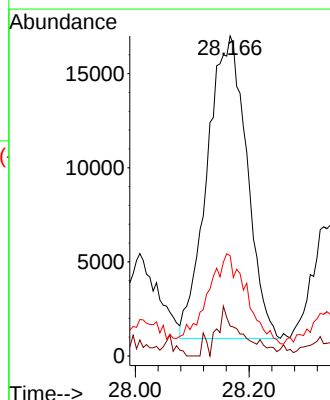
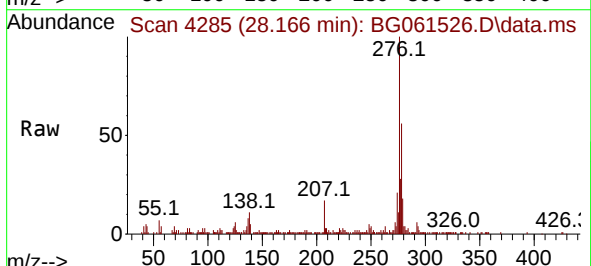
Tgt Ion:278 Resp: 77815

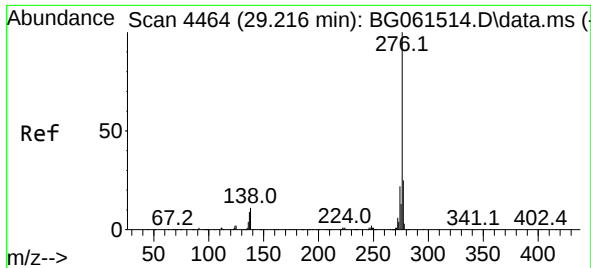
Ion Ratio Lower Upper

278 100

139 9.3 6.4 9.6

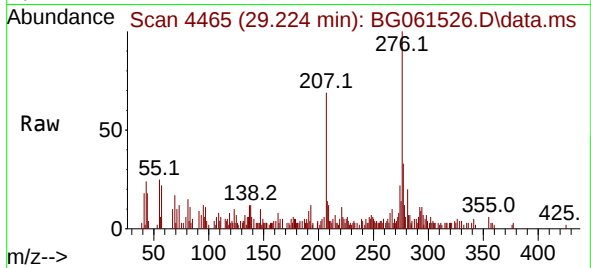
279 31.3 19.9 29.9#





#96
Benzo(g,h,i)perylene
Concen: 2.785 ng/ul m
RT: 29.224 min Scan# 44
Delta R.T. 0.002 min
Lab File: BG061526.D
Acq: 7 Jun 2024 1:57

Instrument :
BNA_G
ClientSampleId :
BHHY3



Tgt Ion:276 Resp: 37184
Ion Ratio Lower Upper
276 100
138 12.1 8.7 13.1
277 33.0 18.2 27.2

Manual Integrations
APPROVED

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

