

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061352.D
 Acq On : 30 May 2024 7:43
 Operator : MA/JU
 Sample : P2571-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH664

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 08:23:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	21988	20.000	ng/u1	0.00
20) Naphthalene-d8	10.676	136	95544	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.513	164	70176	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	157529	20.000	ng/u1	0.00
79) Chrysene-d12	21.517	240	166314	20.000	ng/u1	0.00
88) Perylene-d12	24.601	264	181241	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	2073	5.276	ng/uL	0.00
4) Pyridine-d5	3.749	84	18196	13.018	ng/u1	0.00
7) Phenol-d5	7.063	99	51055	28.275	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	33429	29.454	ng/u1	0.00
11) 2-Chlorophenol-d4	7.421	132	42801	32.029	ng/u1	0.00
15) 4-Methylphenol-d8	8.596	113	27453	17.830	ng/u1	0.00
21) Nitrobenzene-d5	9.037	128	22225	30.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.760	143	26907	31.253	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	51242	30.530	ng/u1	0.00
31) 4-Chloroaniline-d4	10.811	131	31530	14.359	ng/u1	0.00
46) Dimethylphthalate-d6	13.920	166	176000	32.337	ng/u1	0.00
49) Acenaphthylene-d8	14.207	160	191024	33.759	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	18062	26.842	ng/u1	0.00
60) Fluorene-d10	15.506	176	155546	33.102	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	20821	21.853	ng/u1	0.00
73) Anthracene-d10	17.363	188	238413	34.329	ng/u1	0.00
81) Pyrene-d10	19.654	212	307036	35.955	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.395	264	324307	37.220	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.304	178	119045	15.570	ng/u1	99
74) Anthracene	17.398	178	13111	1.658	ng/u1	97
77) Carbazole	17.668	167	10293	1.601	ng/u1#	95
80) Fluoranthene	19.319	202	264712	25.840	ng/u1	99
82) Pyrene	19.683	202	234067	22.012	ng/u1	99
83) Butylbenzylphthalate	20.571	149	5739	1.571	ng/u1	98
85) Benzo(a)anthracene	21.493	228	123401	10.753	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.411	149	26030	4.814	ng/u1#	97
87) Chrysene	21.558	228	153926	14.567	ng/u1	95
90) Benzo(b)fluoranthene	23.626	252	207565	19.235	ng/u1	97
91) Benzo(k)fluoranthene	23.685	252	75037m	6.850	ng/u1	
93) Benzo(a)pyrene	24.460	252	124958	12.195	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.097	276	95537m	7.710	ng/u1	
95) Dibenzo(a,h)anthracene	28.132	278	24325m	2.381	ng/u1	
96) Benzo(g,h,i)perylene	29.184	276	81137m	8.231	ng/u1	

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

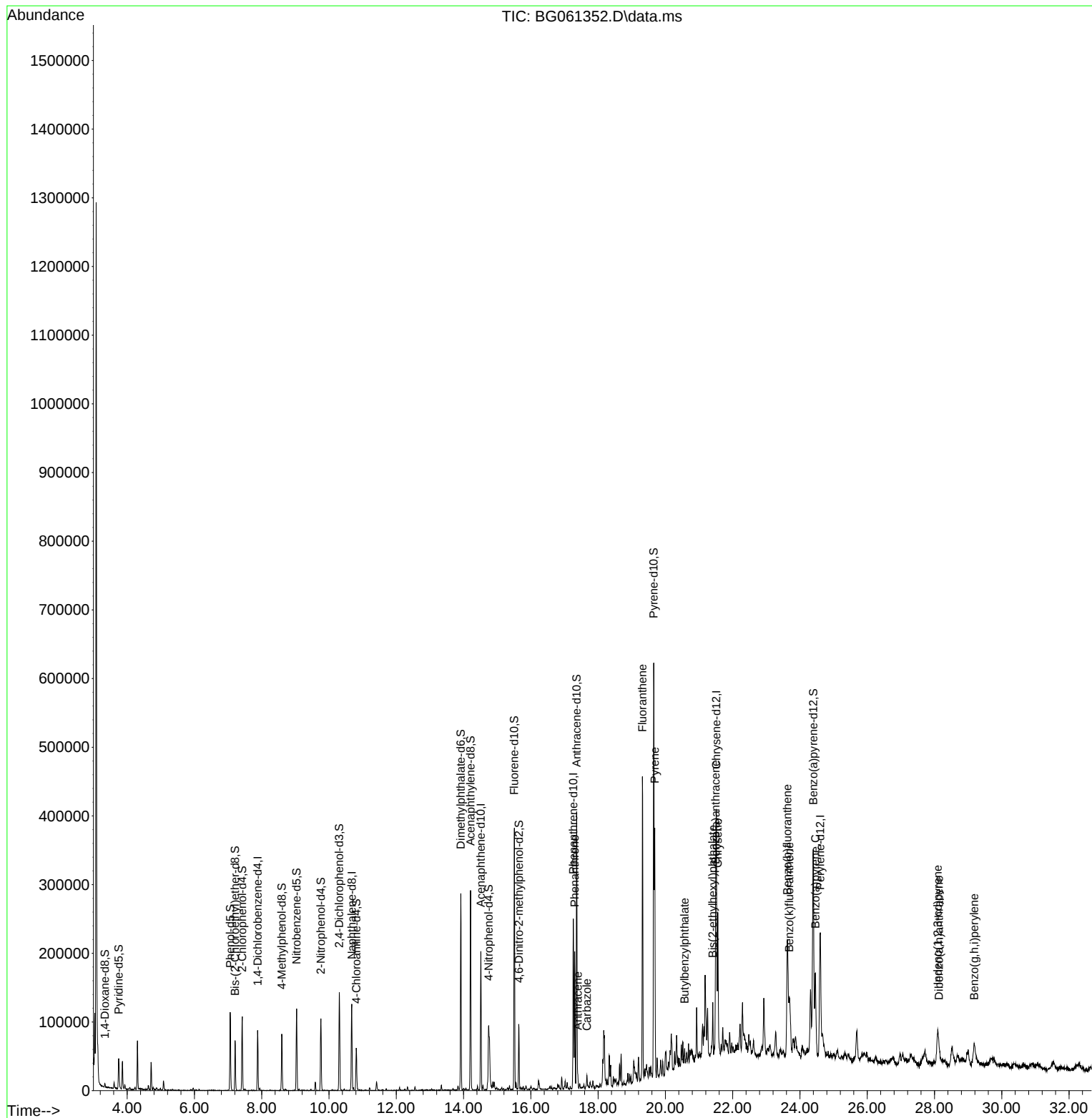
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

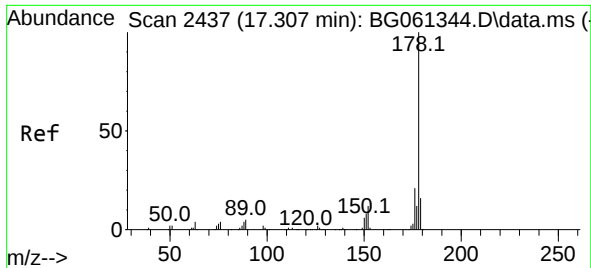
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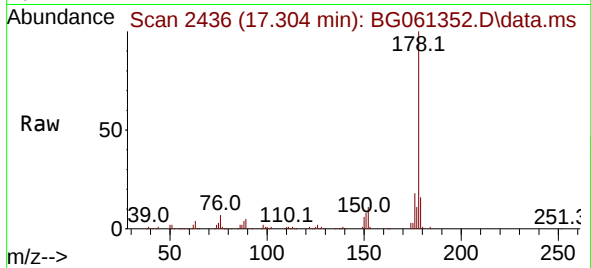
Quant Time: May 30 08:23:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 15.570 ng/u1
RT: 17.304 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BG061352.D
Acq: 30 May 2024 7:43

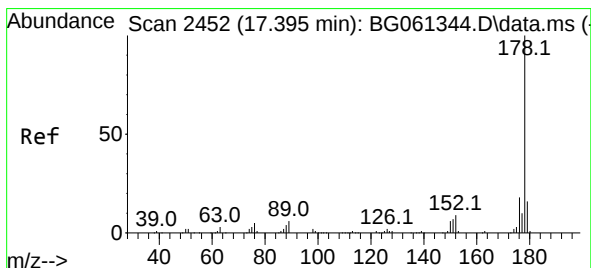
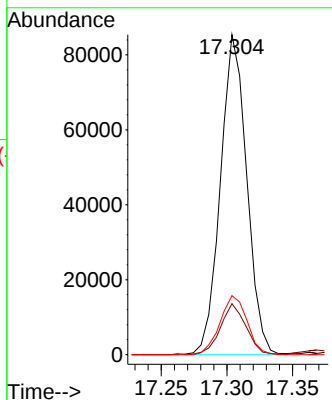
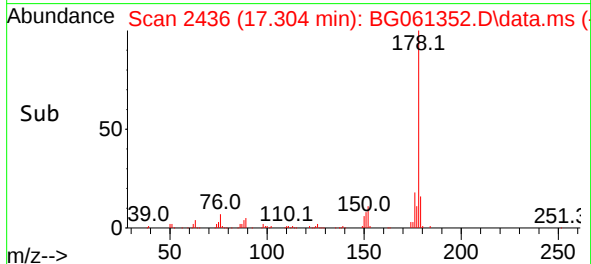
Instrument :
BNA_G
ClientSampleId :
BH664



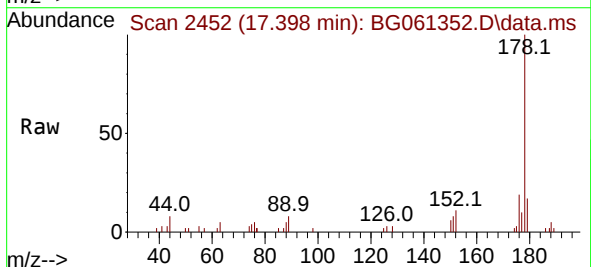
Tgt Ion:178 Resp: 11904
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 18.5 15.5 23.3

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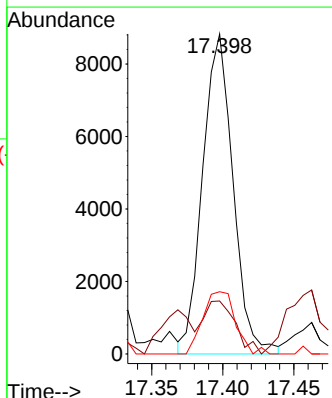
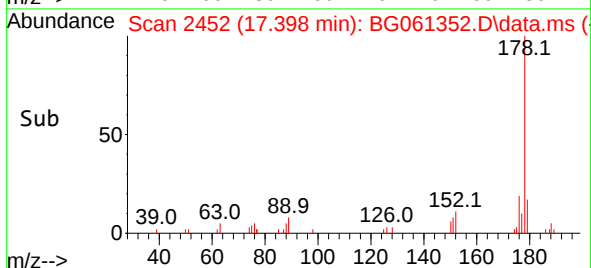
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

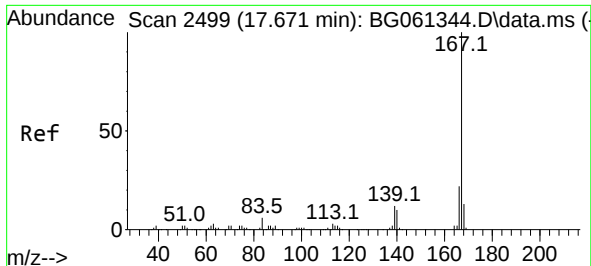


#74
Anthracene
Concen: 1.658 ng/u1
RT: 17.398 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG061352.D
Acq: 30 May 2024 7:43



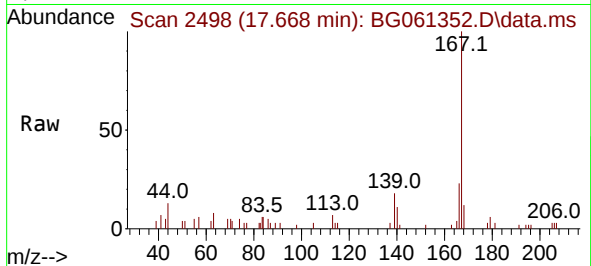
Tgt Ion:178 Resp: 13111
Ion Ratio Lower Upper
178 100
179 16.5 11.8 17.6
176 19.5 14.9 22.3





#77
 Carbazole
 Concen: 1.601 ng/ul
 RT: 17.668 min Scan# 2499
 Delta R.T. -0.009 min
 Lab File: BG061352.D
 Acq: 30 May 2024 7:43

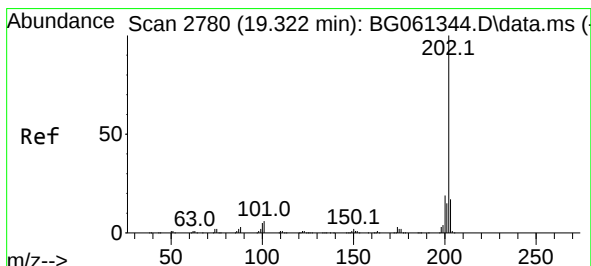
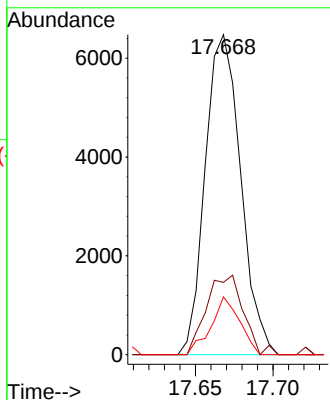
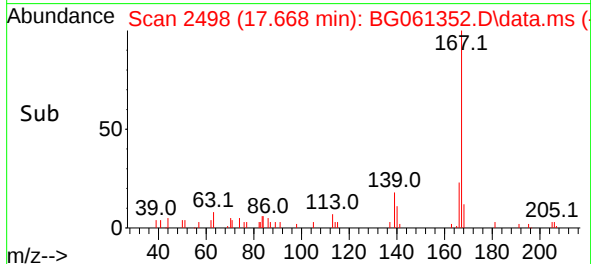
Instrument :
 BNA_G
 ClientSampleId :
 BH664



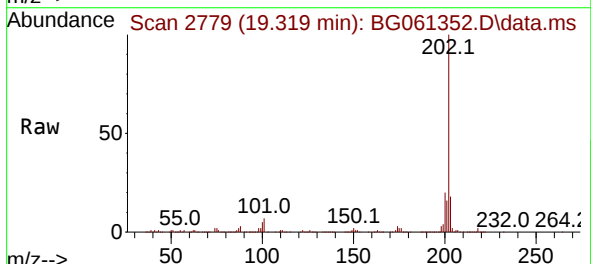
Tgt Ion:167 Resp: 1029
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.6 28.0
 139 18.0 10.6 15.8

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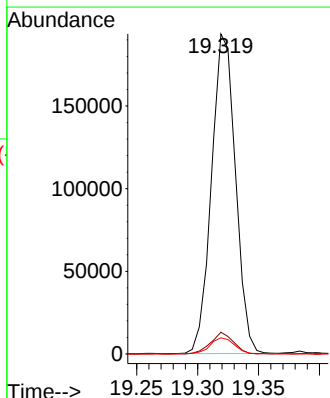
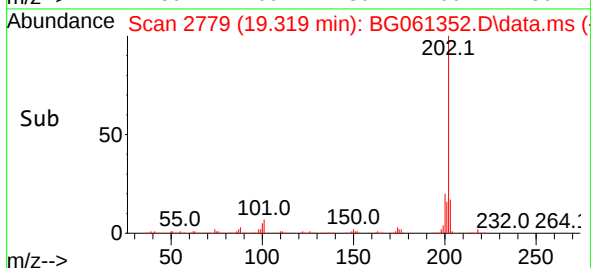
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

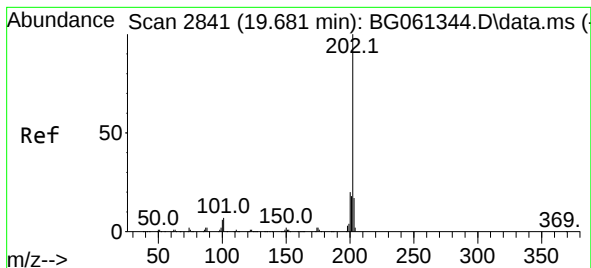


#80
 Fluoranthene
 Concen: 25.840 ng/ul
 RT: 19.319 min Scan# 2779
 Delta R.T. -0.009 min
 Lab File: BG061352.D
 Acq: 30 May 2024 7:43



Tgt Ion:202 Resp: 264712
 Ion Ratio Lower Upper
 202 100
 101 6.8 4.8 7.2
 100 5.0 4.1 6.1





#82

Pyrene

Concen: 22.012 ng/ul

RT: 19.683 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG061352.D

Acq: 30 May 2024 7:43

Instrument :

BNA_G

ClientSampleId :

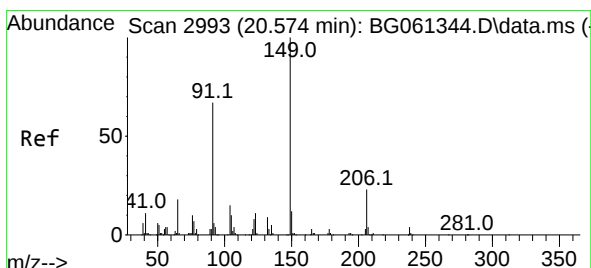
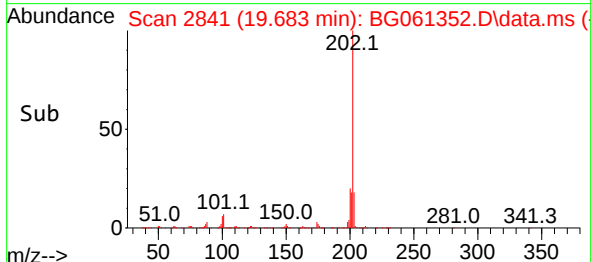
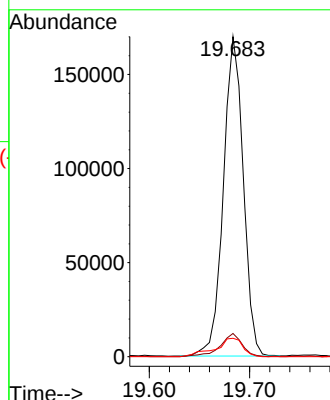
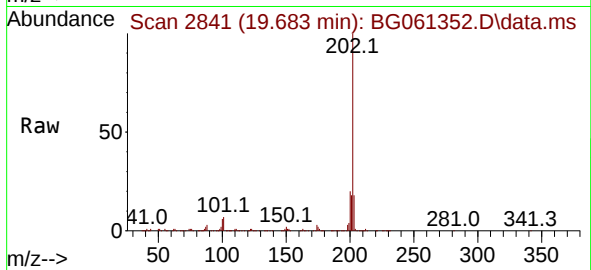
BH664

Tgt Ion:	202	Resp:	23406
Ion Ratio	Lower	Upper	
202	100		
101	7.2	5.7	8.5
100	5.7	5.1	7.7

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 1.571 ng/ul

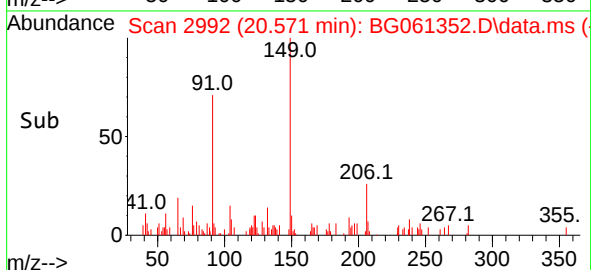
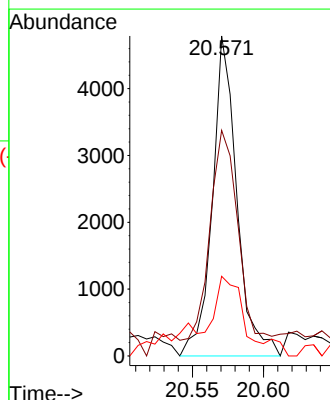
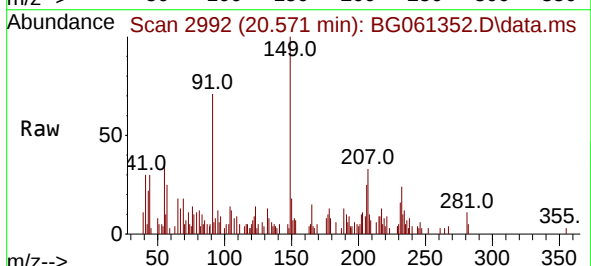
RT: 20.571 min Scan# 2992

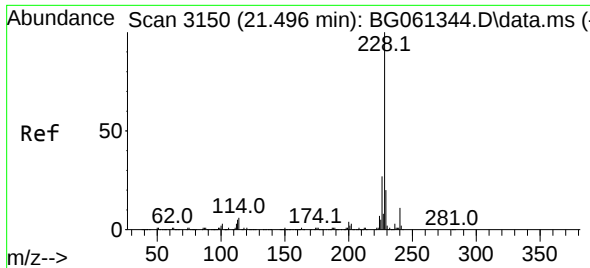
Delta R.T. -0.009 min

Lab File: BG061352.D

Acq: 30 May 2024 7:43

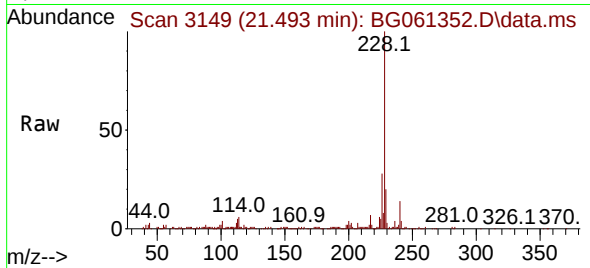
Tgt Ion:	149	Resp:	5739
Ion Ratio	Lower	Upper	
149	100		
91	70.5	54.8	82.2
206	24.9	19.4	29.0





#85
Benzo(a)anthracene
Concen: 10.753 ng/ul
RT: 21.493 min Scan# 3150
Delta R.T. -0.009 min
Lab File: BG061352.D
Acq: 30 May 2024 7:43

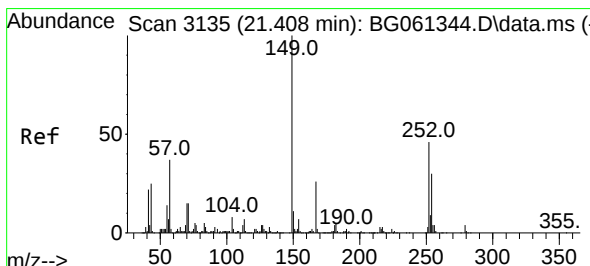
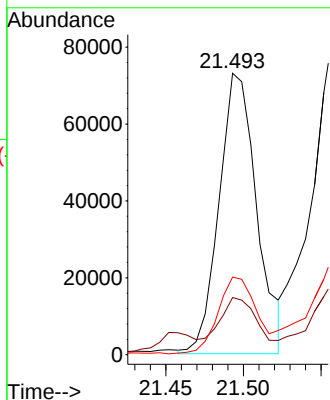
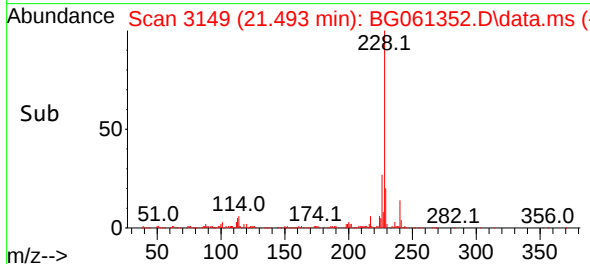
Instrument :
BNA_G
ClientSampleId :
BH664



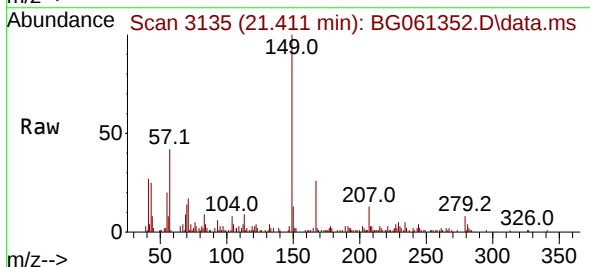
Tgt Ion:228 Resp: 12340
Ion Ratio Lower Upper
228 100
229 20.3 15.2 22.8
226 27.6 21.4 32.2

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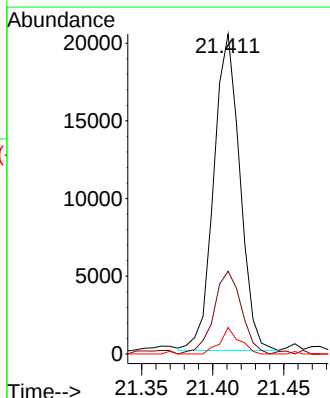
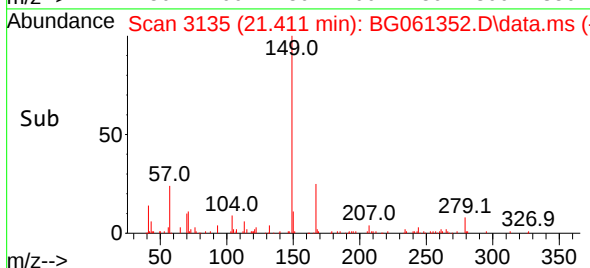
Reviewed By :Jagrut Upadhyay 05/30/2024
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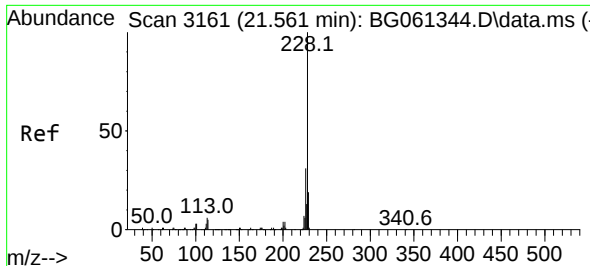


#86
Bis(2-ethylhexyl)phthalate
Concen: 4.814 ng/ul
RT: 21.411 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG061352.D
Acq: 30 May 2024 7:43



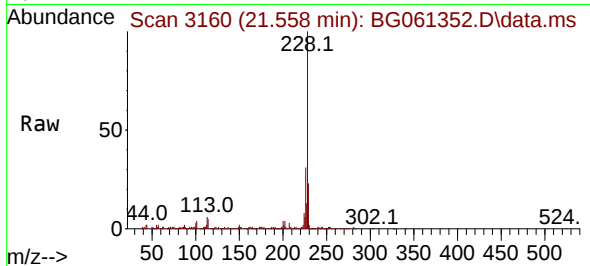
Tgt Ion:149 Resp: 26030
Ion Ratio Lower Upper
149 100
167 25.9 21.1 31.7
279 8.3 3.3 4.9#





#87
Chrysene
Concen: 14.567 ng/ul
RT: 21.558 min Scan# 3161
Delta R.T. -0.009 min
Lab File: BG061352.D
Acq: 30 May 2024 7:43

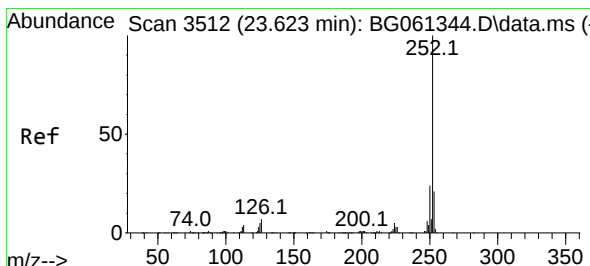
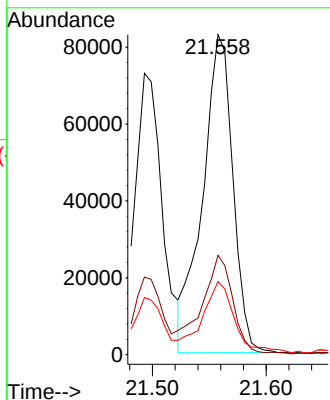
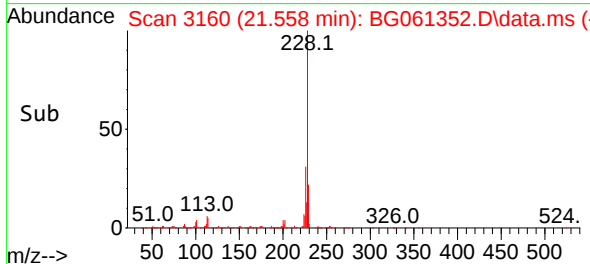
Instrument :
BNA_G
ClientSampleId :
BH664



Tgt Ion:228 Resp: 153920
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.0
229 22.9 15.4 23.2

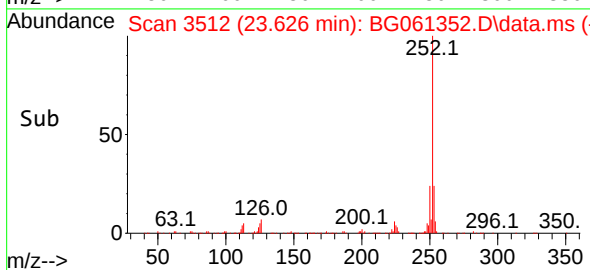
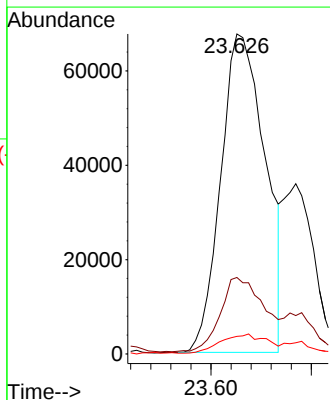
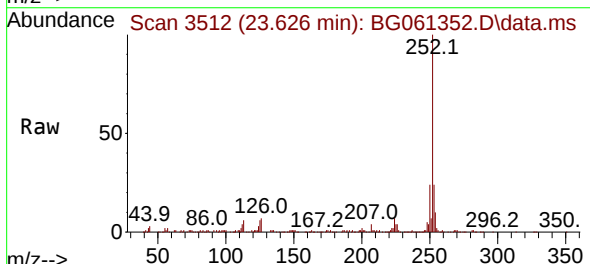
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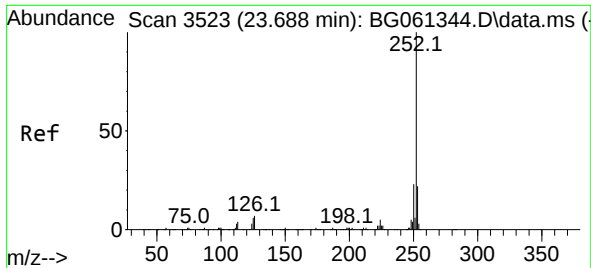
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#90
Benzo(b)fluoranthene
Concen: 19.235 ng/ul
RT: 23.626 min Scan# 3512
Delta R.T. -0.003 min
Lab File: BG061352.D
Acq: 30 May 2024 7:43

Tgt Ion:252 Resp: 207565
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 5.5 4.6 6.8





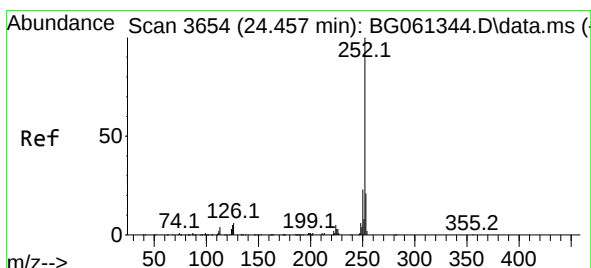
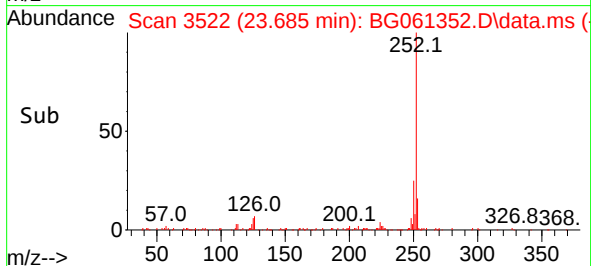
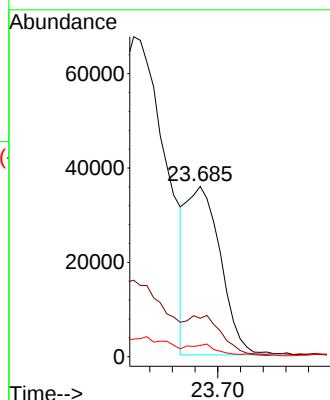
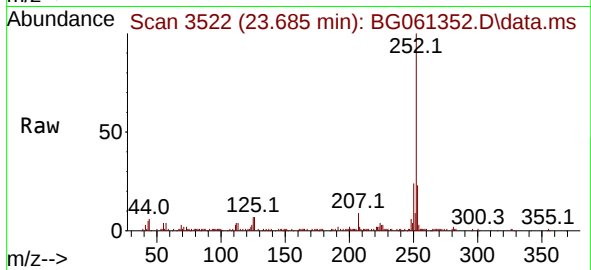
#91
Benzo(k)fluoranthene
Concen: 6.850 ng/ul m
RT: 23.685 min Scan# 3523
Delta R.T. -0.009 min
Lab File: BG061352.D
Acq: 30 May 2024 7:43

Instrument :
BNA_G
ClientSampleId :
BH664

Tgt Ion:252 Resp: 7503
Ion Ratio Lower Upper
252 100
253 22.6 16.0 24.0
125 6.6 4.3 6.5

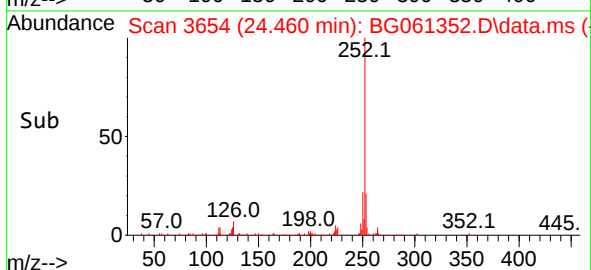
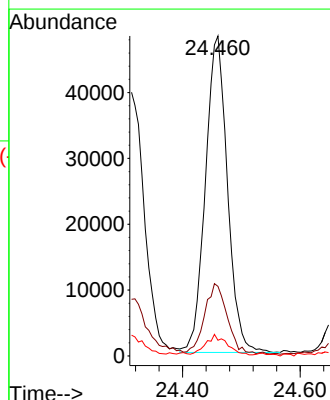
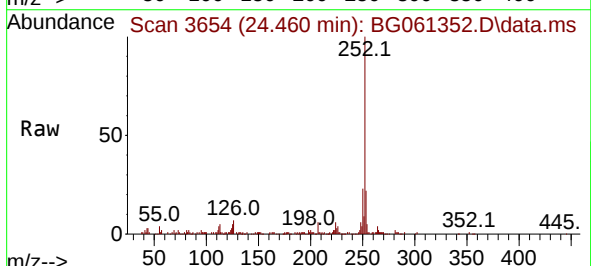
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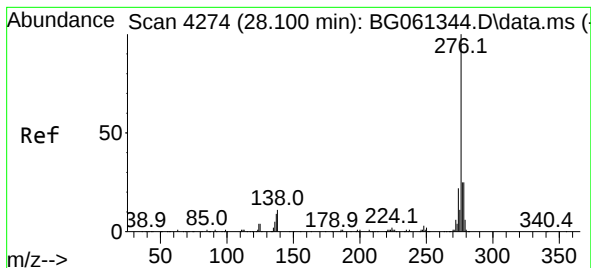
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#93
Benzo(a)pyrene
Concen: 12.195 ng/ul
RT: 24.460 min Scan# 3654
Delta R.T. -0.003 min
Lab File: BG061352.D
Acq: 30 May 2024 7:43

Tgt Ion:252 Resp: 124958
Ion Ratio Lower Upper
252 100
253 21.7 16.4 24.6
125 4.9 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.710 ng/ul m

RT: 28.097 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG061352.D

Acq: 30 May 2024 7:43

Instrument :

BNA_G

ClientSampleId :

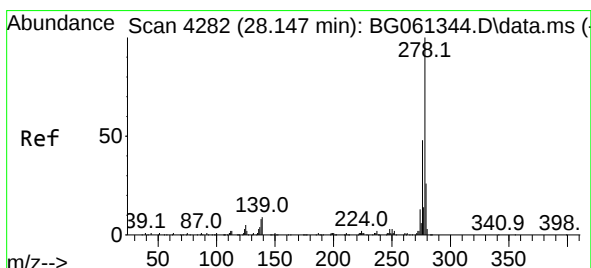
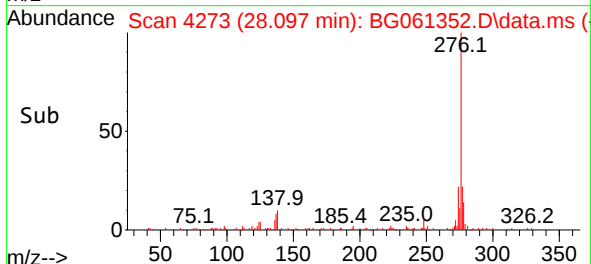
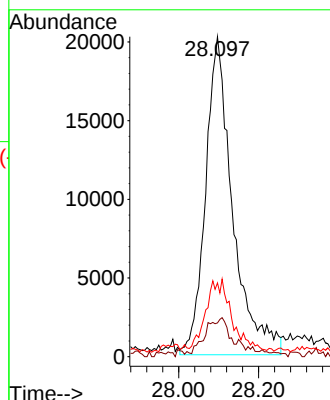
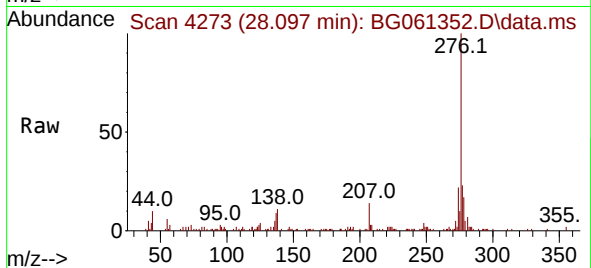
BH664

Tgt Ion:	276	Resp:	9553
Ion Ratio	Lower	Upper	
276	100		
138	10.6	8.6	13.0
277	23.1	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.381 ng/ul m

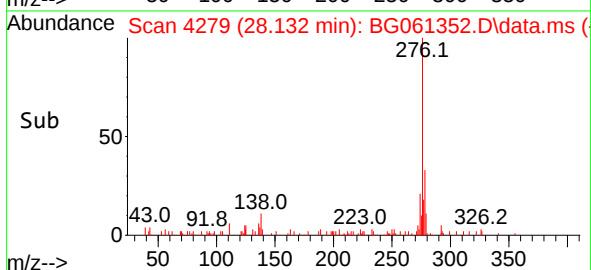
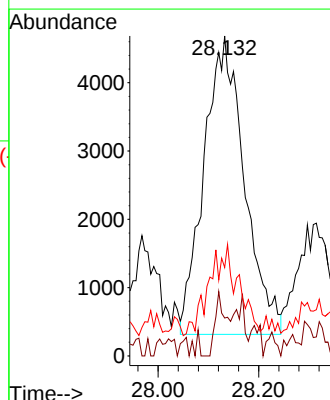
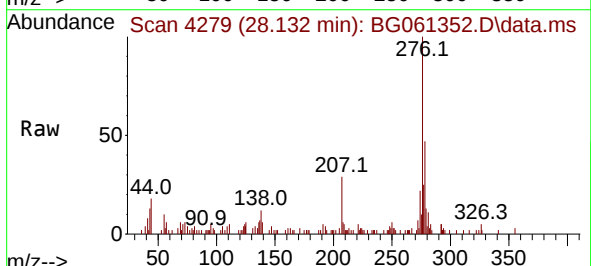
RT: 28.132 min Scan# 4279

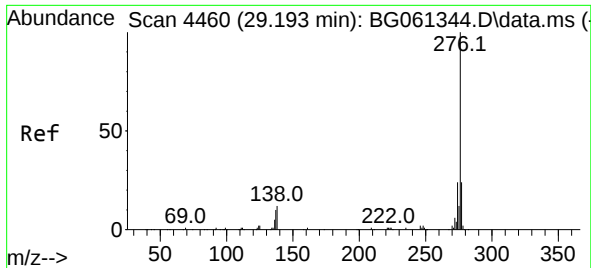
Delta R.T. -0.027 min

Lab File: BG061352.D

Acq: 30 May 2024 7:43

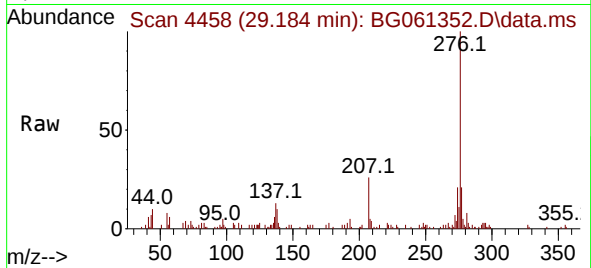
Tgt Ion:	278	Resp:	24325
Ion Ratio	Lower	Upper	
278	100		
139	11.8	6.4	9.6#
279	27.7	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 8.231 ng/ul m
RT: 29.184 min Scan# 44
Delta R.T. -0.009 min
Lab File: BG061352.D
Acq: 30 May 2024 7:43

Instrument :
BNA_G
ClientSampleId :
BH664



Tgt Ion: 276 Resp: 8113
Ion Ratio Lower Upper
276 100
138 9.8 8.7 13.1
277 21.4 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

