

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061285.D
 Acq On : 24 May 2024 13:09
 Operator : MA/JU
 Sample : P2548-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 25 00:16:07 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	7.884	152	20797	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	89218	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.518	164	76313	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	194384	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	189437	20.000	ng/ul	0.00
88) Perylene-d12	24.606	264	212202	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1642	4.418	ng/uL	0.00
4) Pyridine-d5	3.742	84	12783	9.669	ng/ul	0.00
7) Phenol-d5	7.068	99	43073	25.220	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67	27715	25.818	ng/ul	0.00
11) 2-Chlorophenol-d4	7.420	132	33368	26.400	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	35552	24.413	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	18760	27.311	ng/ul	0.00
24) 2-Nitrophenol-d4	9.765	143	22497	27.984	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	42373	27.036	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	41463	20.222	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	166745	28.173	ng/ul	0.00
49) Acenaphthylene-d8	14.212	160	175580	28.534	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	17479m	23.887	ng/ul	0.00
60) Fluorene-d10	15.511	176	147217	28.810	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	26685	22.698	ng/ul	0.00
73) Anthracene-d10	17.367	188	250407	29.220	ng/ul	0.00
81) Pyrene-d10	19.659	212	290709	29.888	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.395	264	299915	29.398	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.309	178	91315	9.679	ng/ul	98
74) Anthracene	17.397	178	14944m	1.532	ng/ul	
77) Carbazole	17.667	167	8242	1.039	ng/ul#	92
80) Fluoranthene	19.324	202	195395	16.746	ng/ul	99
82) Pyrene	19.688	202	174526	14.409	ng/ul	99
83) Butylbenzylphthalate	20.575	149	5652	1.358	ng/ul#	83
85) Benzo(a)anthracene	21.498	228	95387	7.297	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	19163	3.111	ng/ul#	95
87) Chrysene	21.563	228	101696	8.449	ng/ul	97
90) Benzo(b)fluoranthene	23.631	252	130512	10.330	ng/ul	98
91) Benzo(k)fluoranthene	23.684	252	44259m	3.451	ng/ul	
93) Benzo(a)pyrene	24.459	252	90193	7.518	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.096	276	64523	4.447	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.143	278	17834m	1.491	ng/ul	
96) Benzo(g,h,i)perylene	29.183	276	62160m	5.386	ng/ul	

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

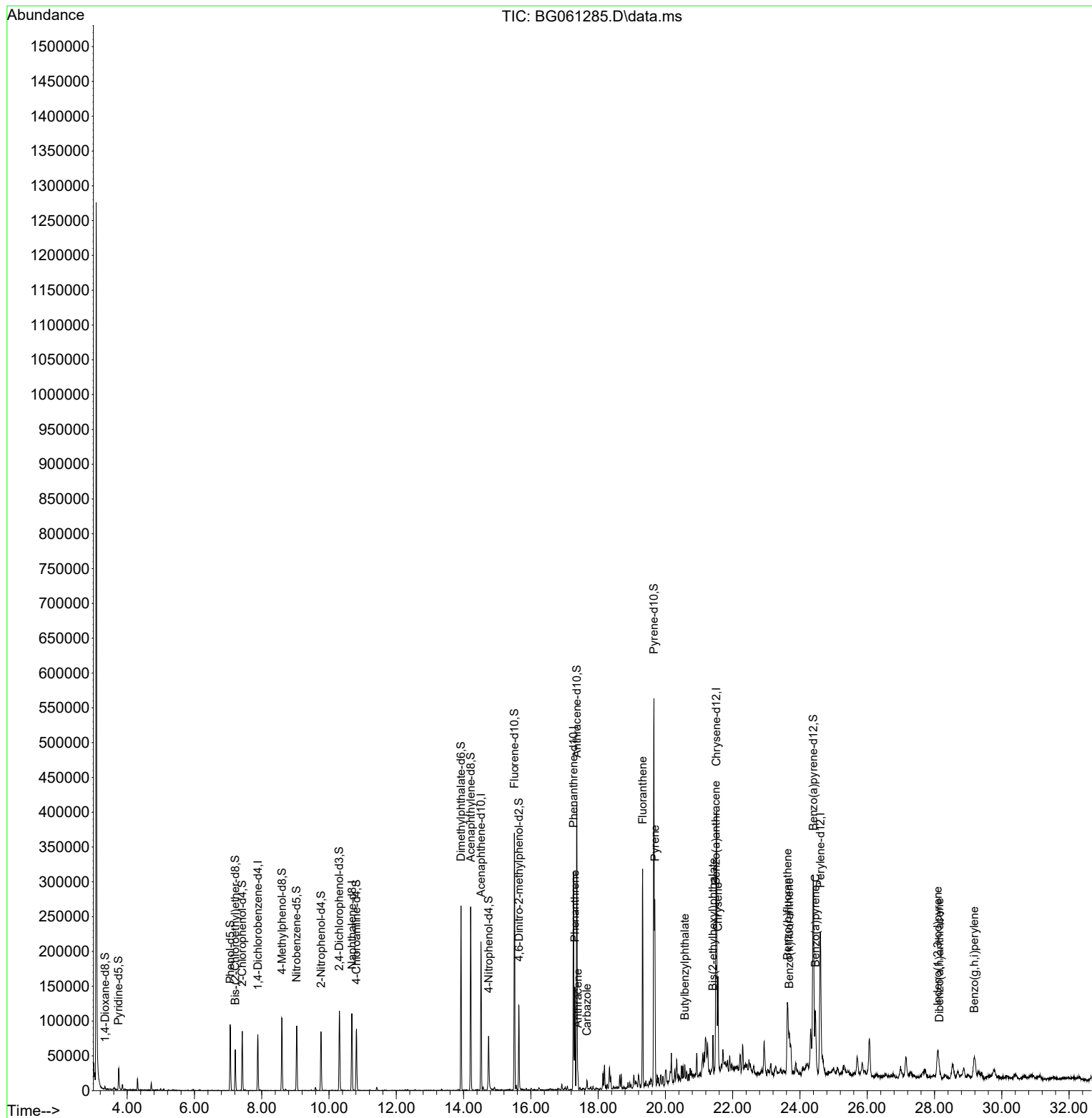
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061285.D
Acq On : 24 May 2024 13:09
Operator : MA/JU
Sample : P2548-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

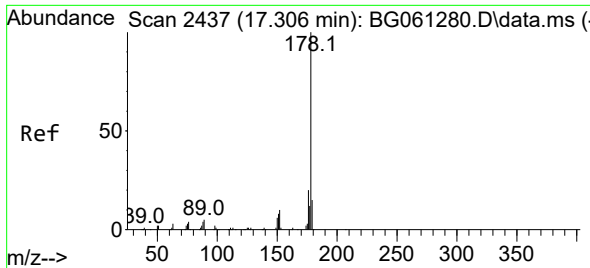
Instrument :
BNA_G
ClientSampleId :
BH5Y7

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Supervised By :mohammad ahmed 05/27/2024

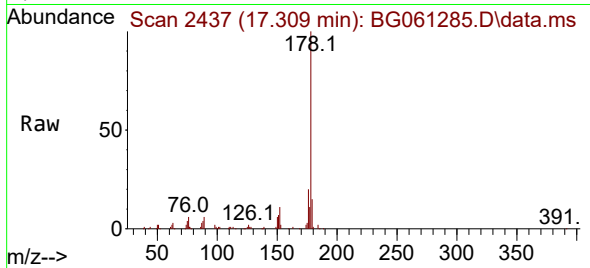
Quant Time: May 25 00:16:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 9.679 ng/ul
RT: 17.309 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BG061285.D
Acq: 24 May 2024 13:09

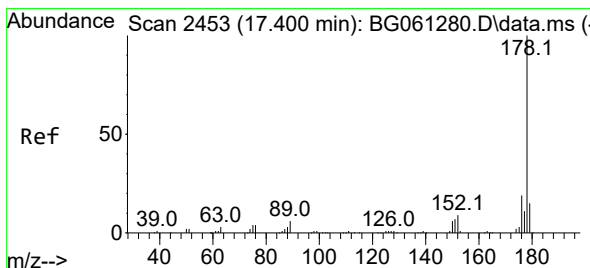
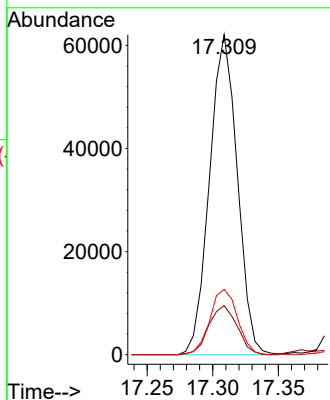
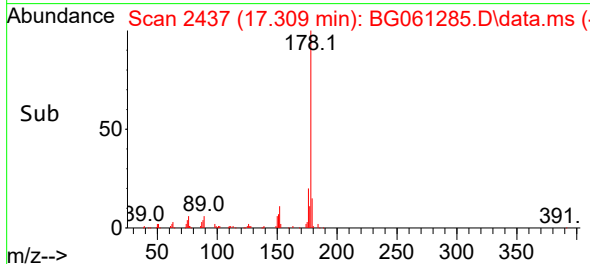
Instrument :
BNA_G
ClientSampleId :
BH5Y7



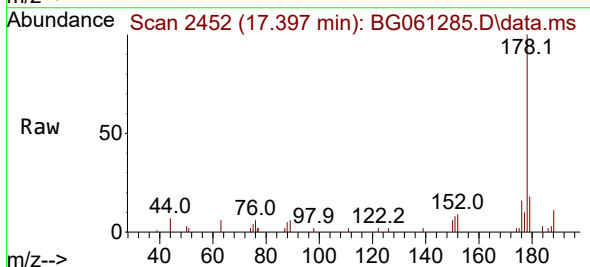
Tgt Ion:178 Resp: 91315
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 20.4 15.5 23.3

Manual Integrations
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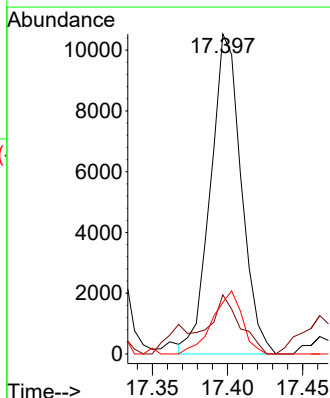
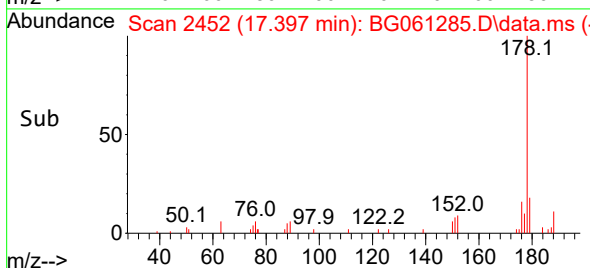
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

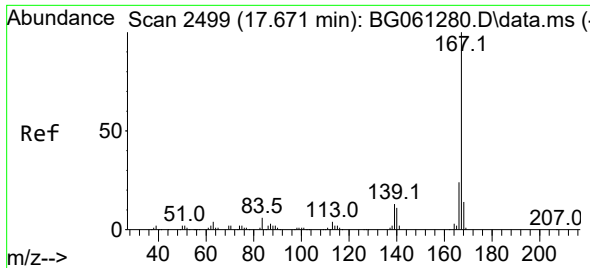


#74
Anthracene
Concen: 1.532 ng/ul m
RT: 17.397 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BG061285.D
Acq: 24 May 2024 13:09



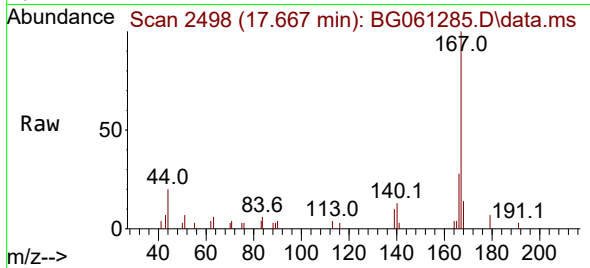
Tgt Ion:178 Resp: 14944
Ion Ratio Lower Upper
178 100
179 18.4 11.8 17.6#
176 16.1 14.9 22.3





#77
 Carbazole
 Concen: 1.039 ng/ul
 RT: 17.667 min Scan# 2498
 Delta R.T. -0.010 min
 Lab File: BG061285.D
 Acq: 24 May 2024 13:09

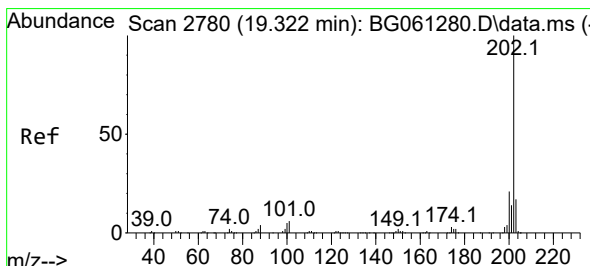
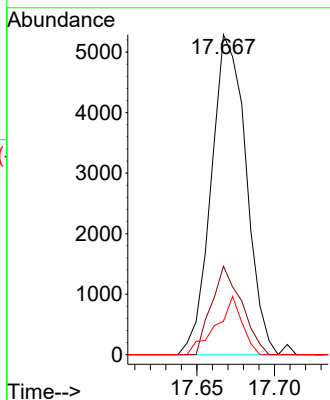
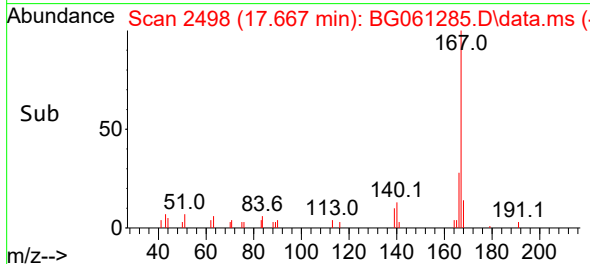
Instrument :
 BNA_G
 ClientSampleId :
 BH5Y7



Tgt Ion:167 Resp: 824
 Ion Ratio Lower Upper
 167 100
 166 27.6 18.6 28.0
 139 10.4 10.6 15.8

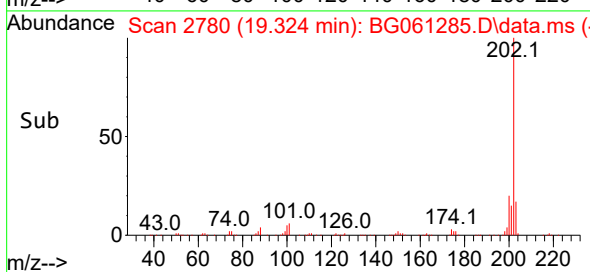
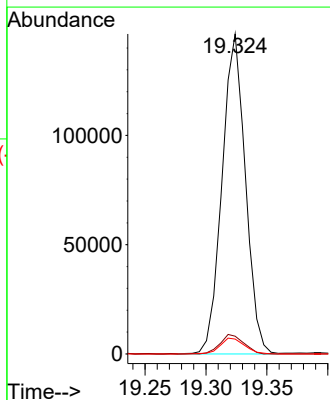
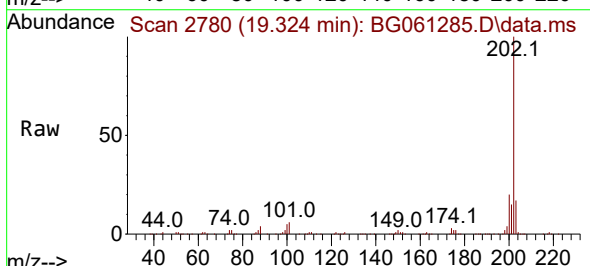
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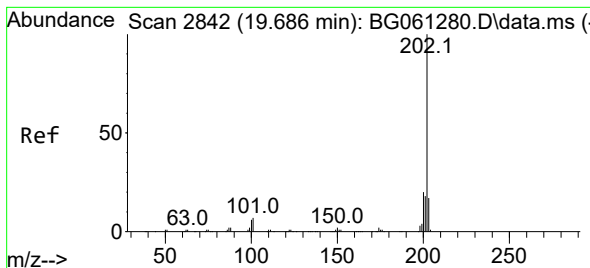
Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024



#80
 Fluoranthene
 Concen: 16.746 ng/ul
 RT: 19.324 min Scan# 2780
 Delta R.T. -0.004 min
 Lab File: BG061285.D
 Acq: 24 May 2024 13:09

Tgt Ion:202 Resp: 195395
 Ion Ratio Lower Upper
 202 100
 101 5.6 4.8 7.2
 100 4.7 4.1 6.1





#82

Pyrene

Concen: 14.409 ng/ul

RT: 19.688 min Scan# 2842

Delta R.T. 0.002 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

Instrument :

BNA_G

ClientSampleId :

BH5Y7

Tgt Ion:202 Resp: 174520

Ion Ratio Lower Upper

202 100

101 7.3 5.7 8.5

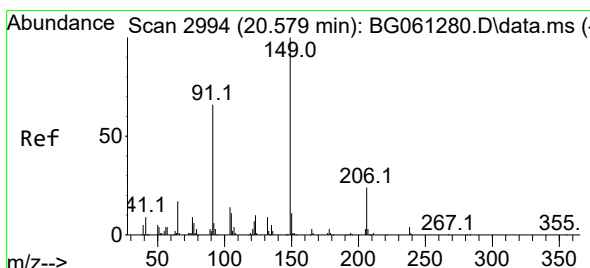
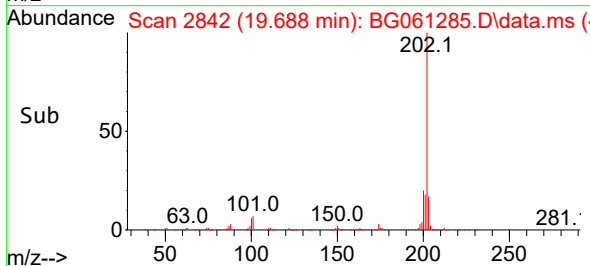
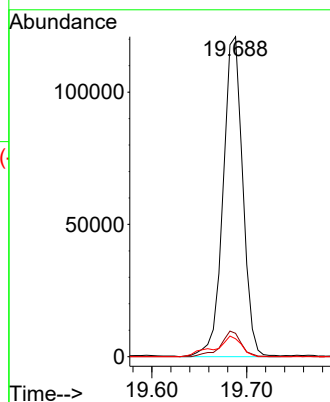
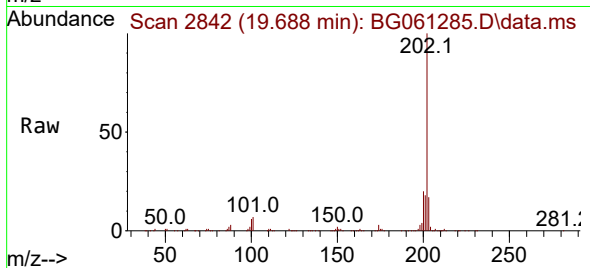
100 5.6 5.1 7.7

Manual Integrations

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Reviewed By :Yogesh Patel 05/25/2024

Supervised By :mohammad ahmed 05/27/2024



#83

Butylbenzylphthalate

Concen: 1.358 ng/ul

RT: 20.575 min Scan# 2993

Delta R.T. -0.004 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

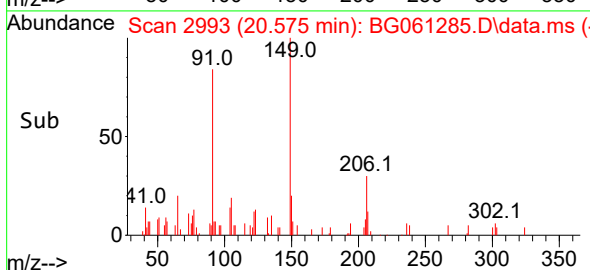
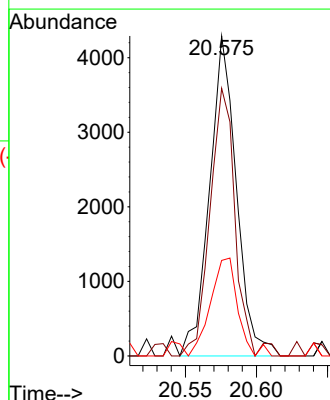
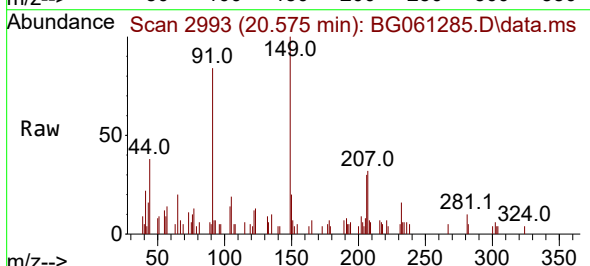
Tgt Ion:149 Resp: 5652

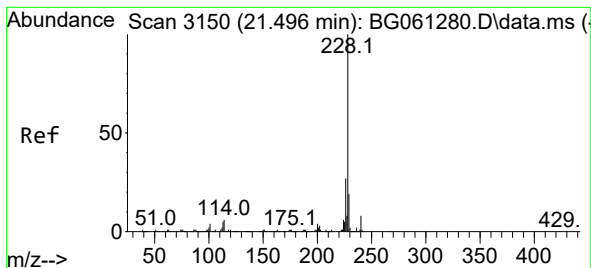
Ion Ratio Lower Upper

149 100

91 83.7 54.8 82.2#

206 29.8 19.4 29.0#





#85

Benzo(a)anthracene

Concen: 7.297 ng/ul

RT: 21.498 min Scan# 3150

Delta R.T. -0.004 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

Instrument :

BNA_G

ClientSampleId :

BH5Y7

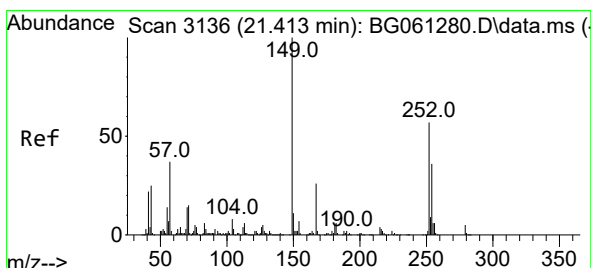
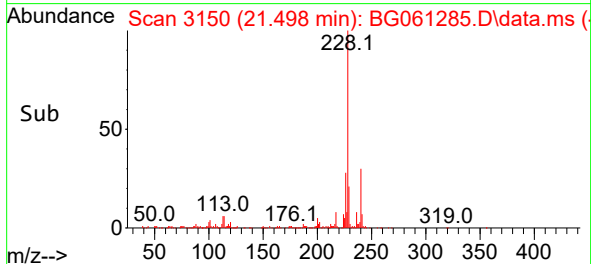
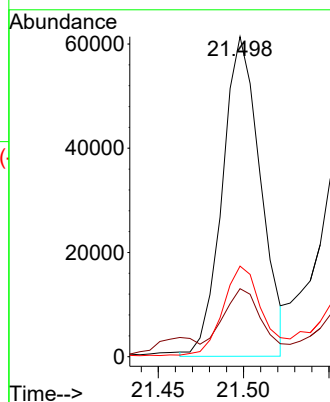
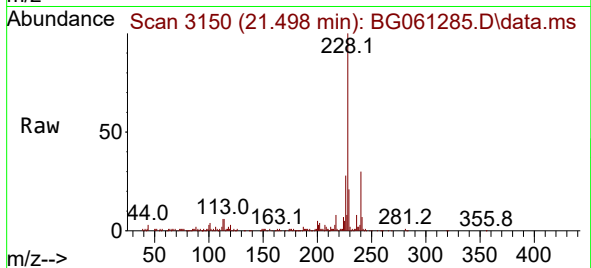
Tgt Ion:	228	Resp:	9538
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.2	22.8
226	28.3	21.4	32.2

Manual Integrations

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Supervised By :mohammad ahmed 05/27/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.111 ng/ul

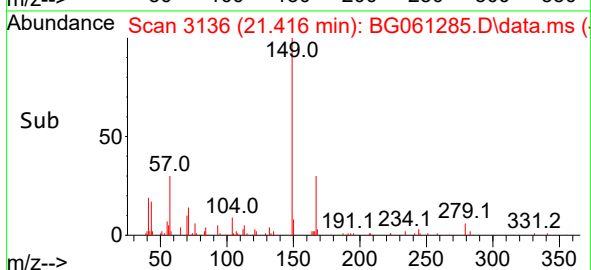
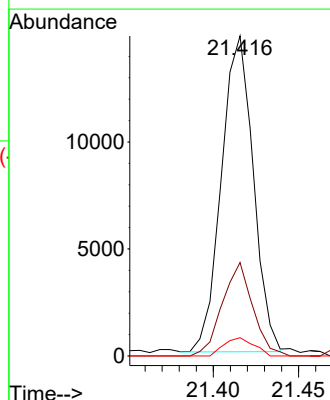
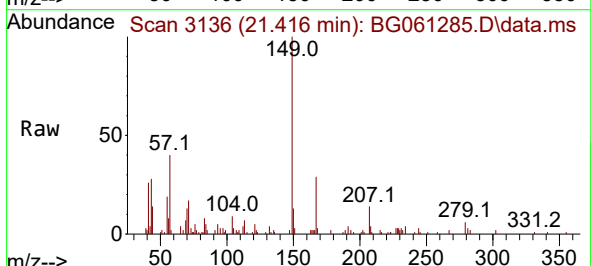
RT: 21.416 min Scan# 3136

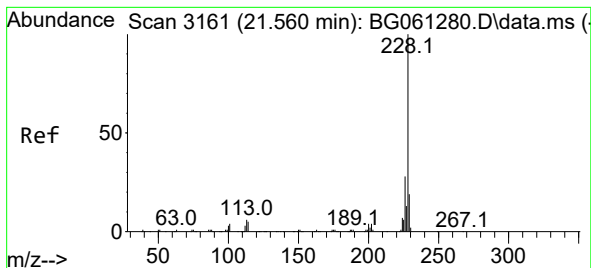
Delta R.T. 0.002 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

Tgt Ion:	149	Resp:	19163
Ion Ratio	Lower	Upper	
149	100		
167	29.2	21.1	31.7
279	5.7	3.3	4.9





#87

Chrysene

Concen: 8.449 ng/ul

RT: 21.563 min Scan# 3161

Delta R.T. -0.004 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

Instrument :

BNA_G

ClientSampleId :

BH5Y7

Tgt Ion:228 Resp: 101690

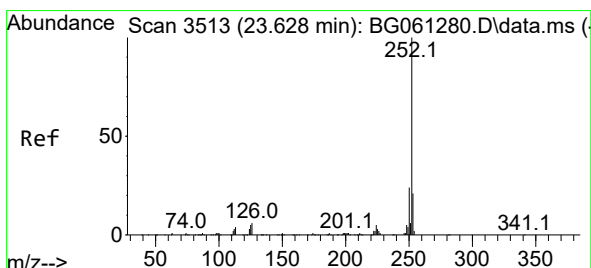
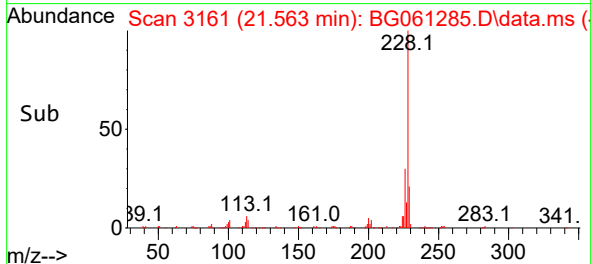
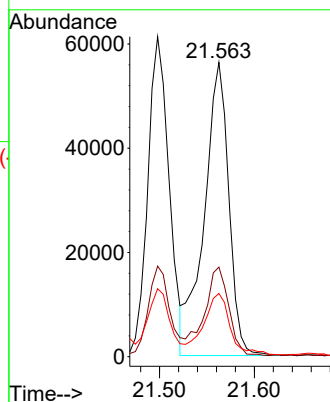
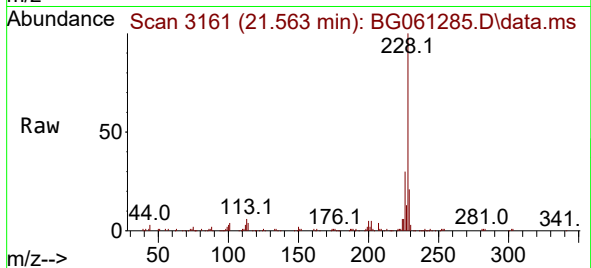
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	21.5	15.4	23.2

Manual Integrations

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Supervised By :mohammad ahmed 05/27/2024



#90

Benzo(b)fluoranthene

Concen: 10.330 ng/ul

RT: 23.631 min Scan# 3513

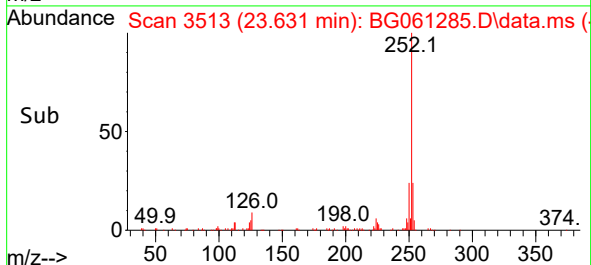
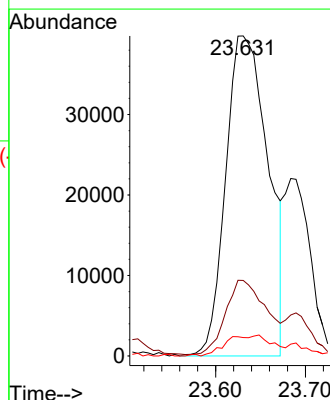
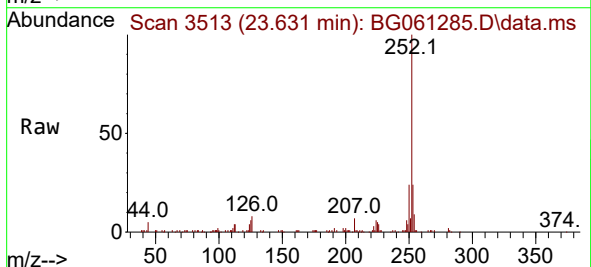
Delta R.T. 0.002 min

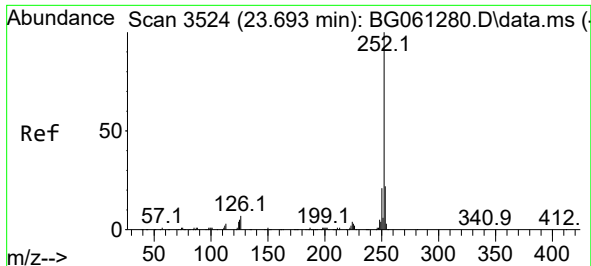
Lab File: BG061285.D

Acq: 24 May 2024 13:09

Tgt Ion:252 Resp: 130512

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	5.8	4.6	6.8





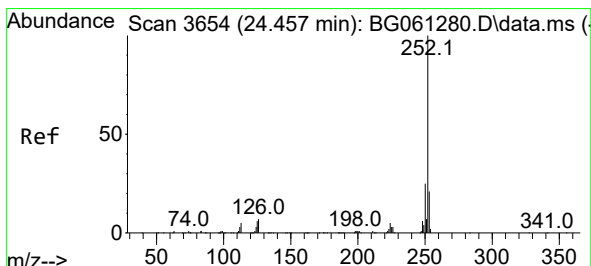
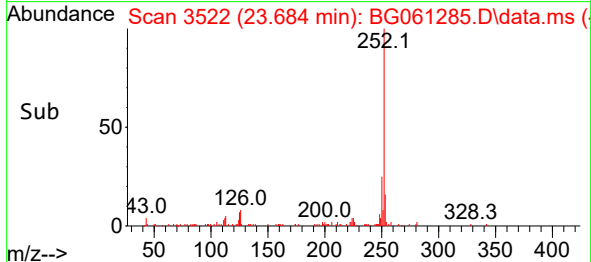
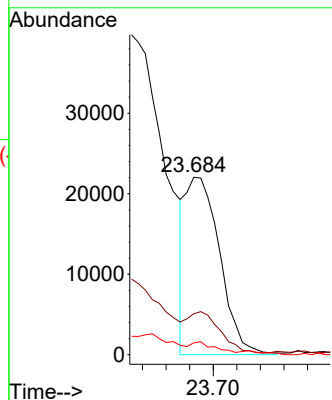
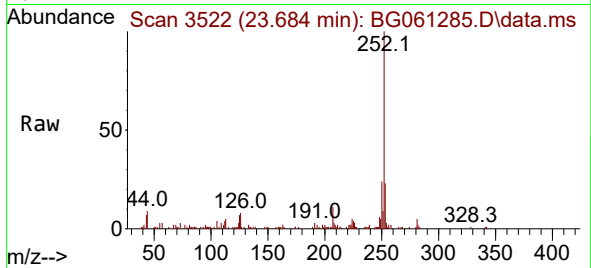
#91
Benzo(k)fluoranthene
Concen: 3.451 ng/ul m
RT: 23.684 min Scan# 3524
Delta R.T. -0.010 min
Lab File: BG061285.D
Acq: 24 May 2024 13:09

Instrument :
BNA_G
ClientSampleId :
BH5Y7

Tgt Ion:252 Resp: 44259
Ion Ratio Lower Upper
252 100
253 23.1 16.0 24.0
125 6.7 4.3 6.5

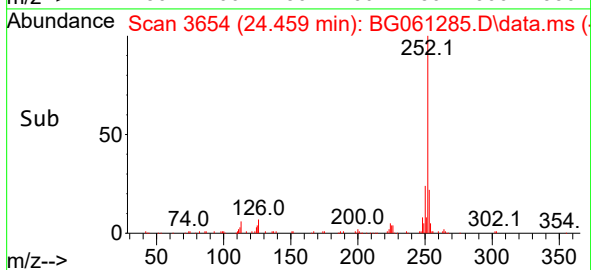
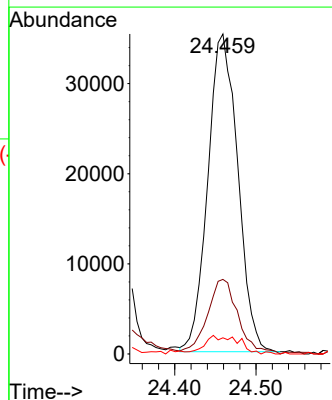
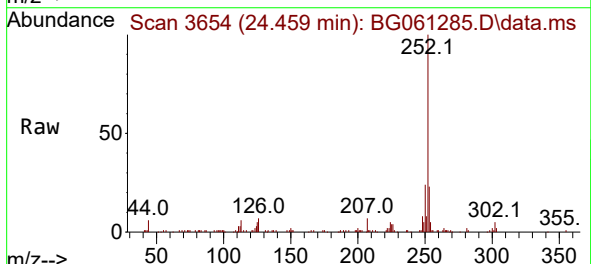
Manual Integrations
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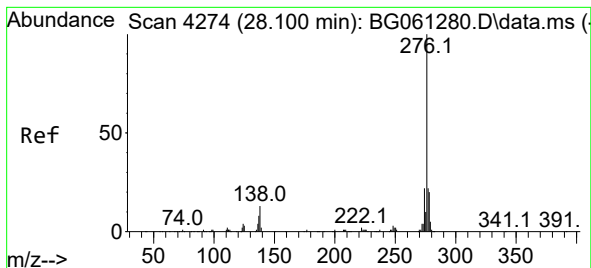
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#93
Benzo(a)pyrene
Concen: 7.518 ng/ul
RT: 24.459 min Scan# 3654
Delta R.T. -0.004 min
Lab File: BG061285.D
Acq: 24 May 2024 13:09

Tgt Ion:252 Resp: 90193
Ion Ratio Lower Upper
252 100
253 23.3 16.4 24.6
125 5.1 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.447 ng/ul

RT: 28.096 min Scan# 41

Delta R.T. -0.010 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

Instrument :

BNA_G

ClientSampleId :

BH5Y7

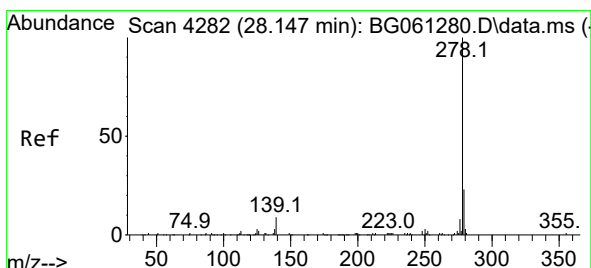
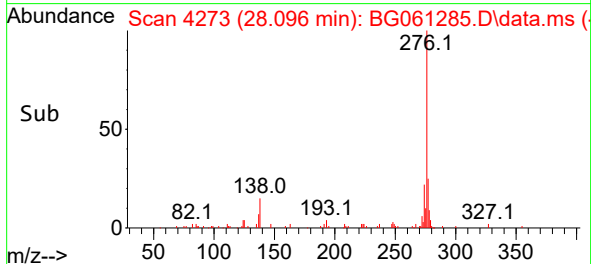
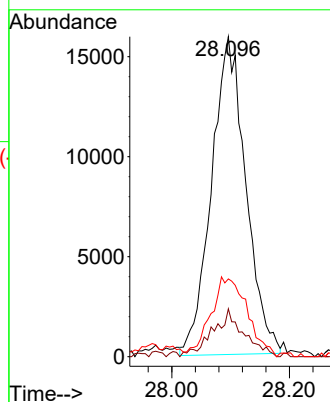
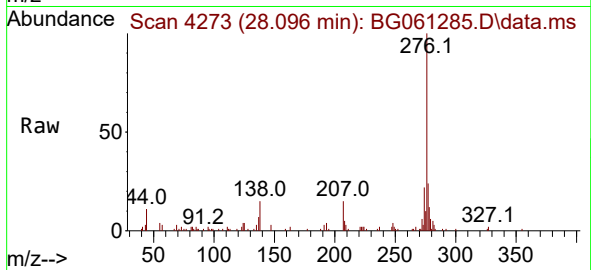
Tgt Ion:	276	Resp:	6452
Ion Ratio	Lower	Upper	
276	100		
138	14.9	8.6	13.0
277	24.3	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/25/2024

Supervised By :mohammad ahmed 05/27/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.491 ng/ul m

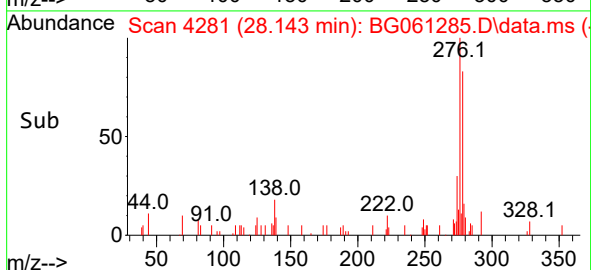
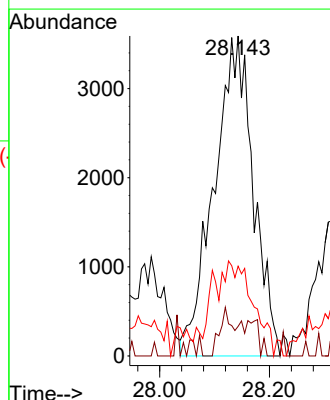
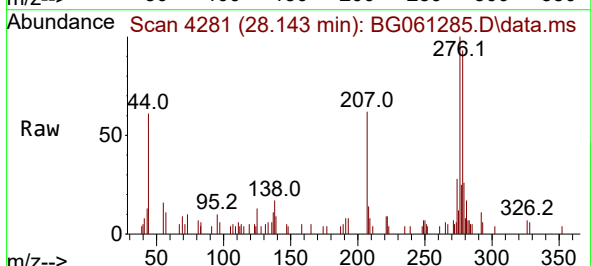
RT: 28.143 min Scan# 4281

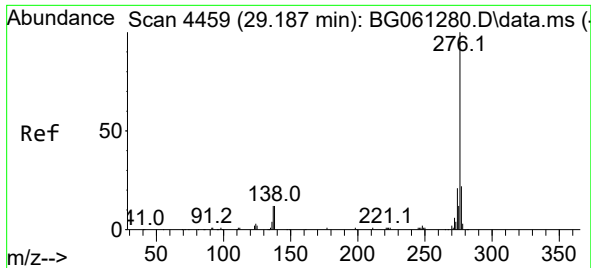
Delta R.T. -0.016 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

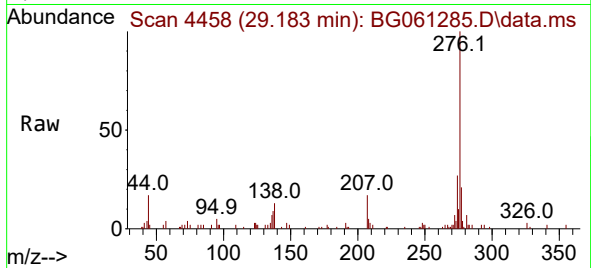
Tgt Ion:	278	Resp:	17834
Ion Ratio	Lower	Upper	
278	100		
139	9.2	6.4	9.6
279	28.0	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 5.386 ng/ul m
RT: 29.183 min Scan# 44
Delta R.T. -0.010 min
Lab File: BG061285.D
Acq: 24 May 2024 13:09

Instrument :
BNA_G
ClientSampleId :
BH5Y7



Tgt Ion:276 Resp: 62160
Ion Ratio Lower Upper
276 100
138 12.9 8.7 13.1
277 21.4 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

