

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061440.D
 Acq On : 4 Jun 2024 3:05
 Operator : MA/JU
 Sample : P2577-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHB4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 04 03:49:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	43212	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	168208	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.511	164	128382	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.261	188	292196	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.515	240	300245	20.000	ng/u1	0.00
88) Perylene-d12	24.611	264	353823	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	2588	3.352	ng/uL	0.00
4) Pyridine-d5	3.759	84	4837	1.761	ng/u1	0.02
7) Phenol-d5	7.067	99	78506	22.123	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.208	67	47939	21.493	ng/u1	0.00
11) 2-Chlorophenol-d4	7.414	132	63346	24.120	ng/u1	0.00
15) 4-Methylphenol-d8	8.601	113	66339	21.924	ng/u1	0.00
21) Nitrobenzene-d5	9.035	128	33842	26.131	ng/u1	0.00
24) 2-Nitrophenol-d4	9.758	143	38549	25.433	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	77749	26.312	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	44740	11.573	ng/u1	0.00
46) Dimethylphthalate-d6	13.918	166	243919	24.497	ng/u1	0.00
49) Acenaphthylene-d8	14.206	160	274674	26.534	ng/u1	0.00
54) 4-Nitrophenol-d4	14.752	143	23352m	18.970	ng/u1	0.01
60) Fluorene-d10	15.504	176	222252	25.854	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	28802	16.298	ng/u1	0.00
73) Anthracene-d10	17.361	188	345574	26.826	ng/u1	0.00
81) Pyrene-d10	19.652	212	424198	27.516	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.400	264	453099	26.637	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.302	178	132142	9.318	ng/u1	99
74) Anthracene	17.396	178	21879	1.492	ng/u1	98
77) Carbazole	17.666	167	12576	1.054	ng/u1	96
80) Fluoranthene	19.323	202	337289	18.238	ng/u1	100
82) Pyrene	19.688	202	308789	16.086	ng/u1	98
83) Butylbenzylphthalate	20.569	149	9616m	1.458	ng/u1	
85) Benzo(a)anthracene	21.497	228	171278	8.267	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.409	149	30479	3.122	ng/u1#	92
87) Chrysene	21.562	228	190423	9.982	ng/u1	99
90) Benzo(b)fluoranthene	23.636	252	259076	12.298	ng/u1	99
91) Benzo(k)fluoranthene	23.689	252	97296m	4.550	ng/u1	
93) Benzo(a)pyrene	24.464	252	174262	8.711	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	28.113	276	116003m	4.795	ng/u1	
95) Dibenzo(a,h)anthracene	28.142	278	26952m	1.351	ng/u1	
96) Benzo(g,h,i)perylene	29.212	276	101499m	5.274	ng/u1	

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

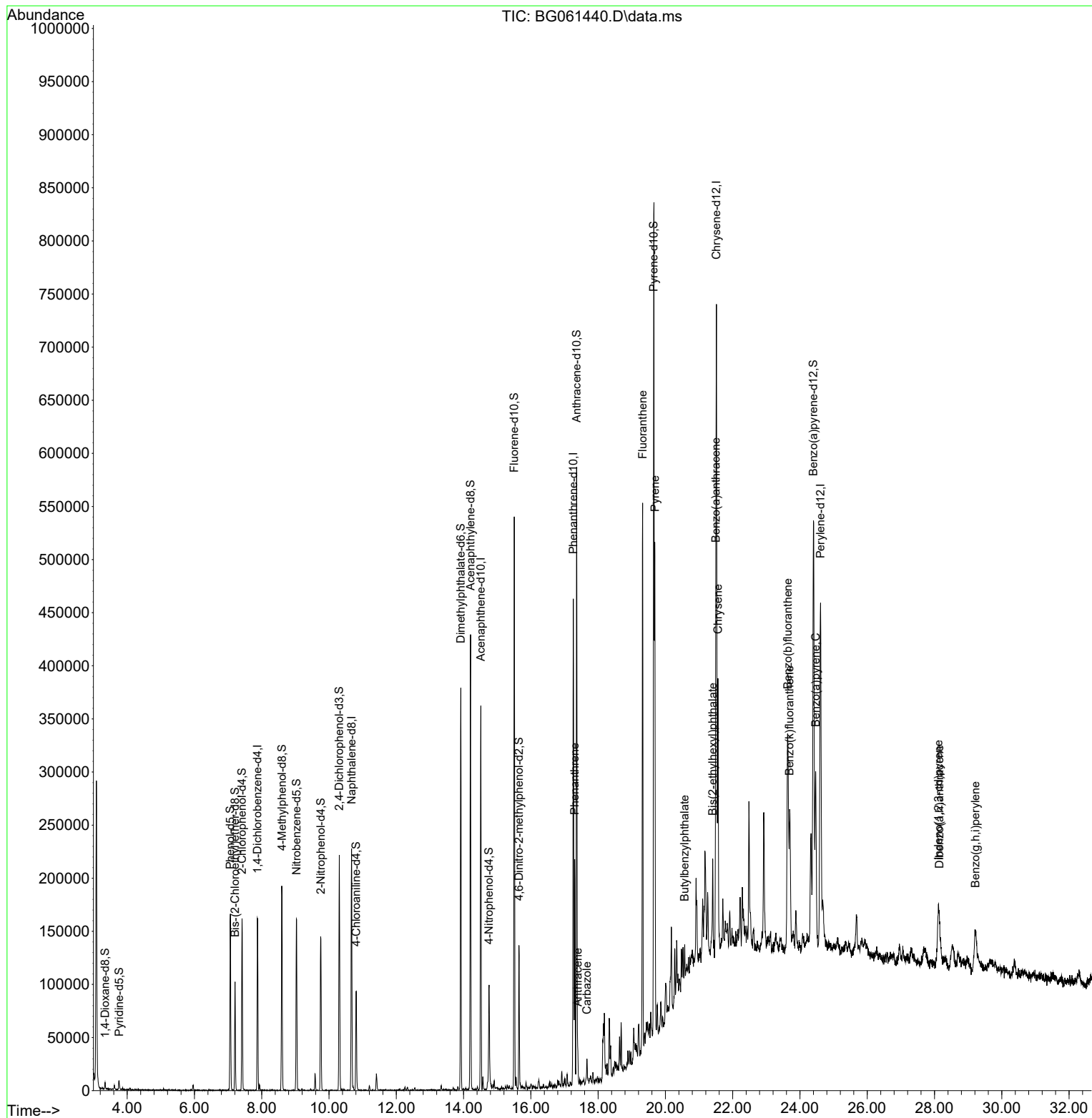
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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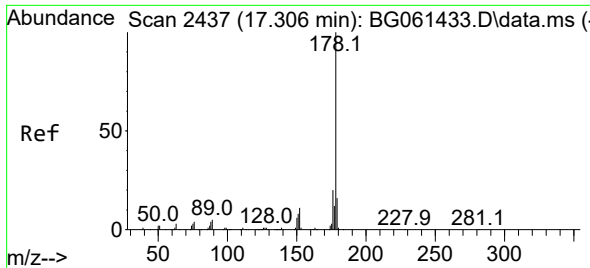
Instrument :
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 ClientSampleId :
 BHBN4

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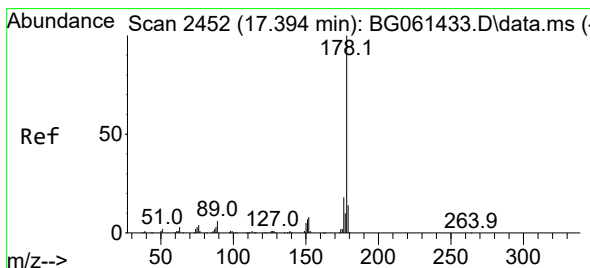
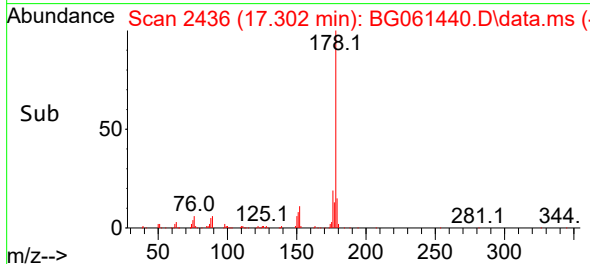
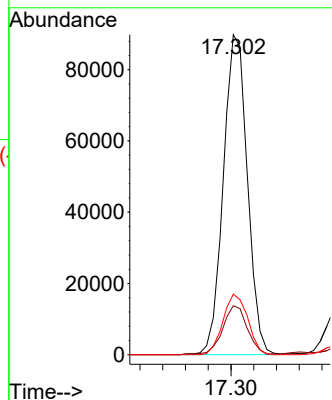
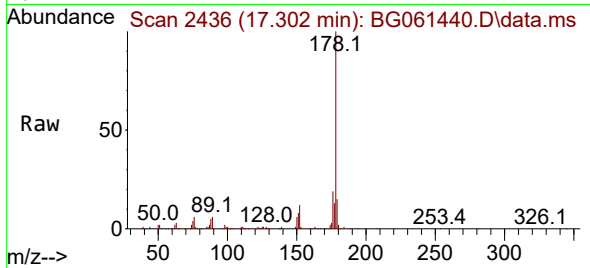
#72
Phenanthrene
Concen: 9.318 ng/ul
RT: 17.302 min Scan# 2436
Delta R.T. 0.003 min
Lab File: BG061440.D
Acq: 4 Jun 2024 3:05

Instrument :
BNA_G
ClientSampleId :
BHBN4

Tgt Ion:178 Resp: 13214
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 18.9 15.5 23.3

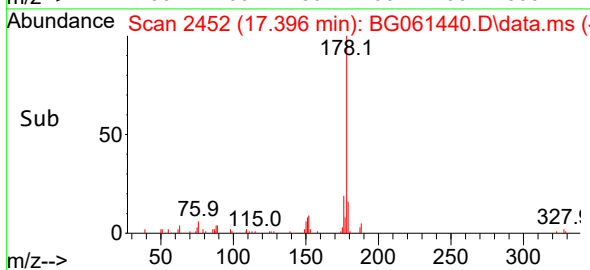
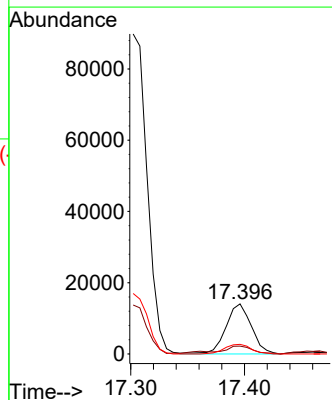
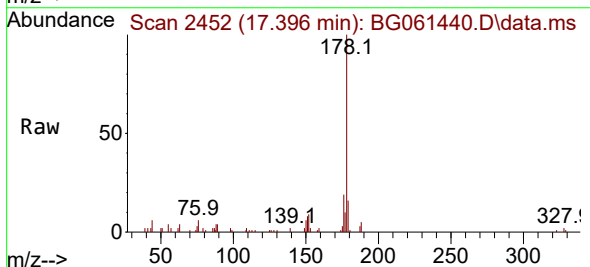
Manual Integrations
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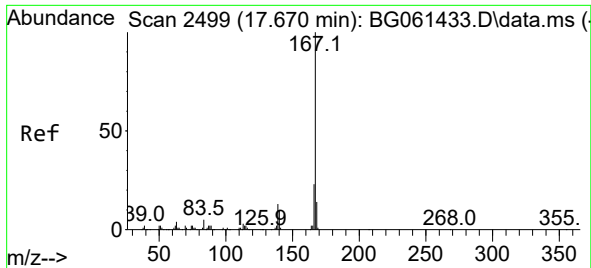
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#74
Anthracene
Concen: 1.492 ng/ul
RT: 17.396 min Scan# 2452
Delta R.T. 0.003 min
Lab File: BG061440.D
Acq: 4 Jun 2024 3:05

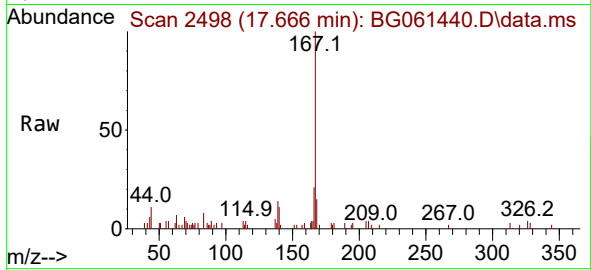
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Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.6
176 19.1 14.9 22.3





#77
 Carbazole
 Concen: 1.054 ng/ul
 RT: 17.666 min Scan# 2499
 Delta R.T. 0.003 min
 Lab File: BG061440.D
 Acq: 4 Jun 2024 3:05

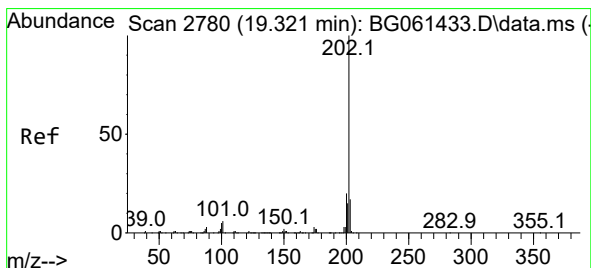
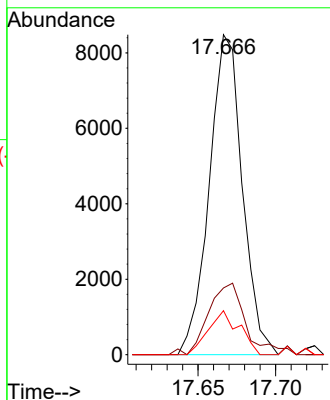
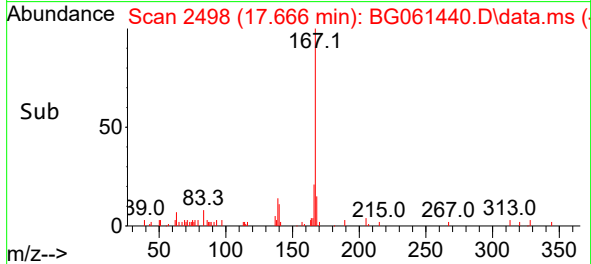
Instrument :
 BNA_G
 ClientSampleId :
 BHBN4



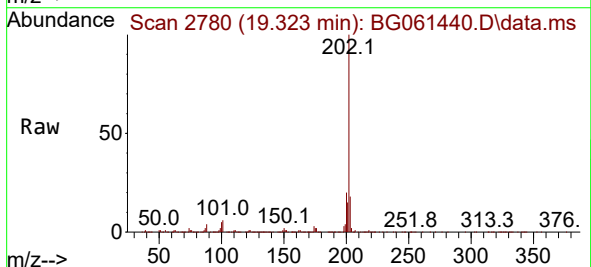
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 Ion Ratio Lower Upper
 167 100
 166 20.8 18.6 28.0
 139 13.7 10.6 15.8

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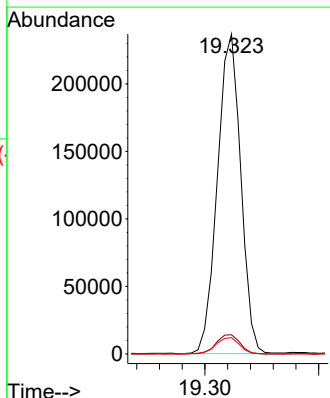
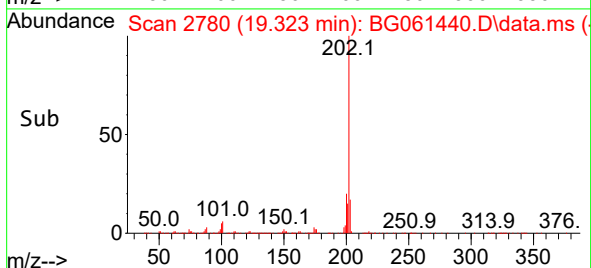
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

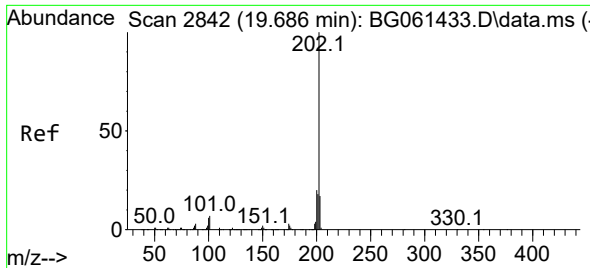


#80
 Fluoranthene
 Concen: 18.238 ng/ul
 RT: 19.323 min Scan# 2780
 Delta R.T. 0.009 min
 Lab File: BG061440.D
 Acq: 4 Jun 2024 3:05



Tgt Ion:202 Resp: 337289
 Ion Ratio Lower Upper
 202 100
 101 6.0 4.8 7.2
 100 5.1 4.1 6.1





#82
 Pyrene
 Concen: 16.086 ng/ul
 RT: 19.688 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BG061440.D
 Acq: 4 Jun 2024 3:05

Instrument :

BNA_G

ClientSampleId :

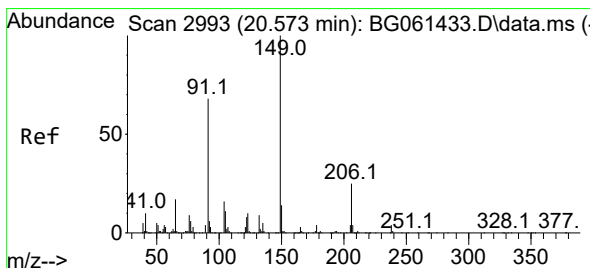
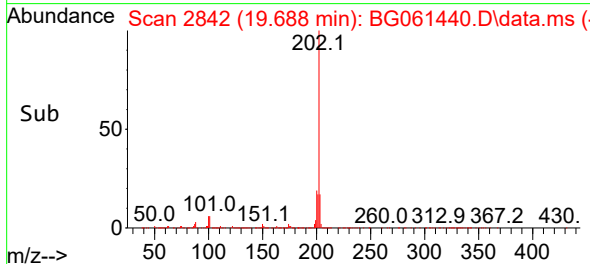
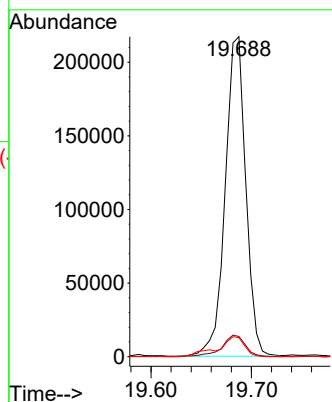
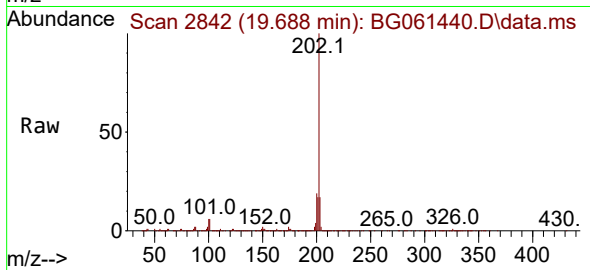
BHBN4

Tgt Ion:202 Resp: 308789
 Ion Ratio Lower Upper
 202 100
 101 6.3 5.7 8.5
 100 6.0 5.1 7.7

Manual Integrations

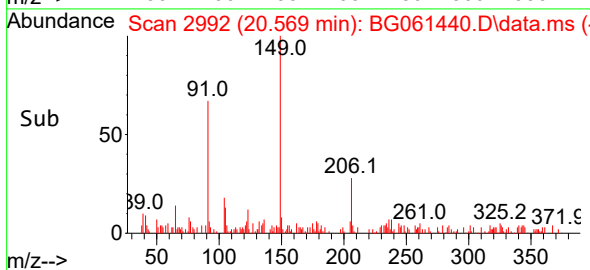
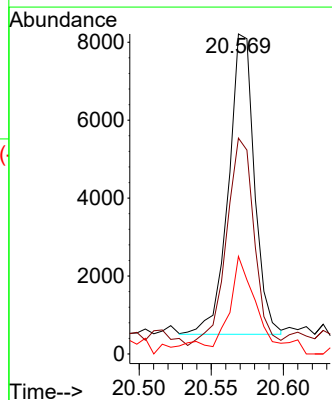
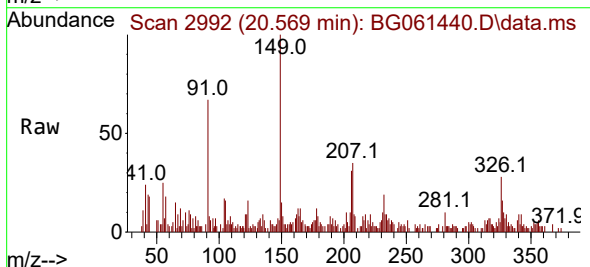
APPROVED

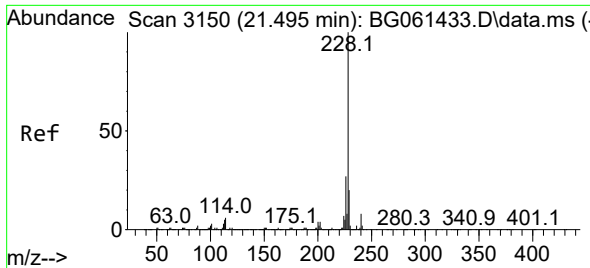
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#83
 Butylbenzylphthalate
 Concen: 1.458 ng/ul m
 RT: 20.569 min Scan# 2992
 Delta R.T. -0.003 min
 Lab File: BG061440.D
 Acq: 4 Jun 2024 3:05

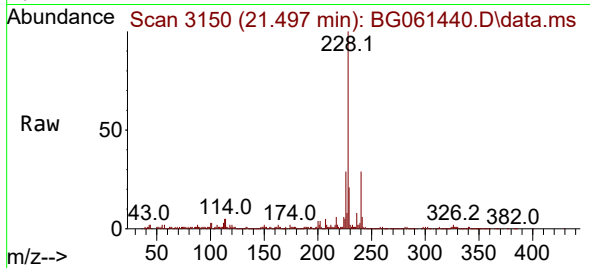
Tgt Ion:149 Resp: 9616
 Ion Ratio Lower Upper
 149 100
 91 67.5 54.8 82.2
 206 30.5 19.4 29.0#





#85
Benzo(a)anthracene
Concen: 8.267 ng/ul
RT: 21.497 min Scan# 3150
Delta R.T. 0.003 min
Lab File: BG061440.D
Acq: 4 Jun 2024 3:05

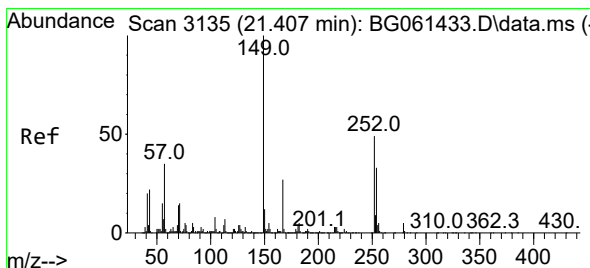
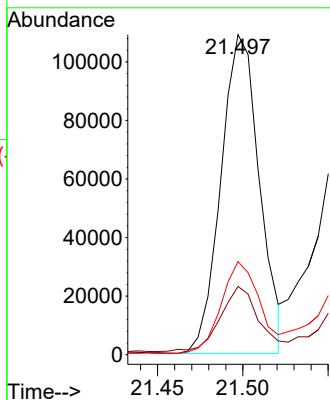
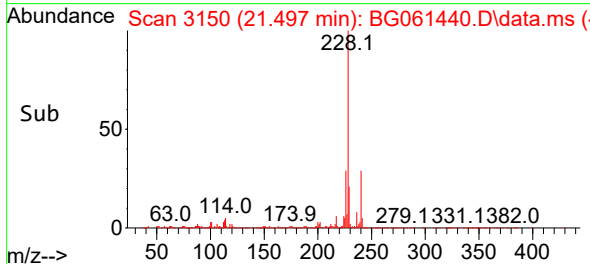
Instrument :
BNA_G
ClientSampleId :
BHBN4



Tgt Ion:228 Resp: 171278
Ion Ratio Lower Upper
228 100
229 21.3 15.2 22.8
226 29.1 21.4 32.2

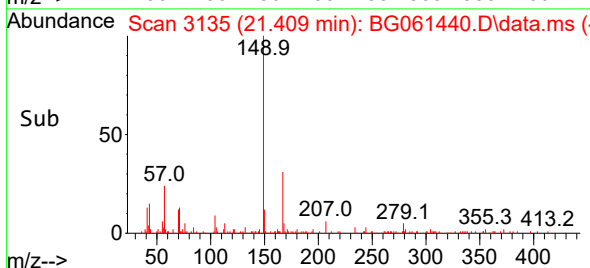
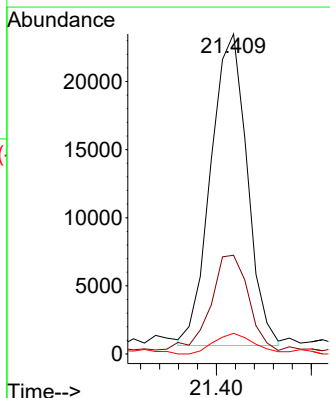
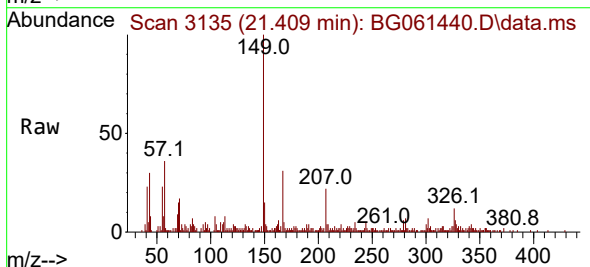
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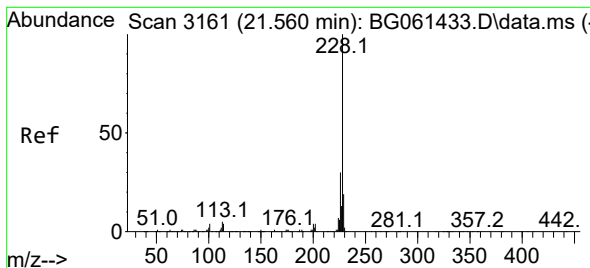
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.122 ng/ul
RT: 21.409 min Scan# 3135
Delta R.T. 0.003 min
Lab File: BG061440.D
Acq: 4 Jun 2024 3:05

Tgt Ion:149 Resp: 30479
Ion Ratio Lower Upper
149 100
167 30.9 21.1 31.7
279 6.5 3.3 4.9#





#87

Chrysene

Concen: 9.982 ng/ul

RT: 21.562 min Scan# 3161

Delta R.T. 0.009 min

Lab File: BG061440.D

Acq: 4 Jun 2024 3:05

Instrument :

BNA_G

ClientSampleId :

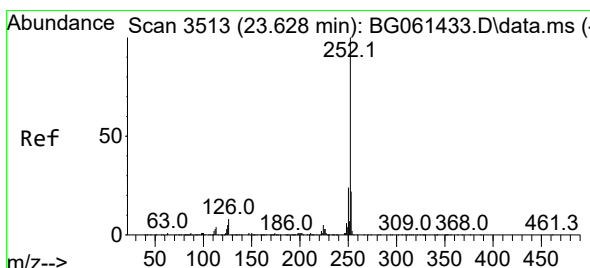
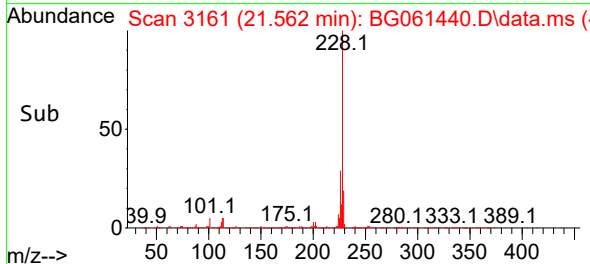
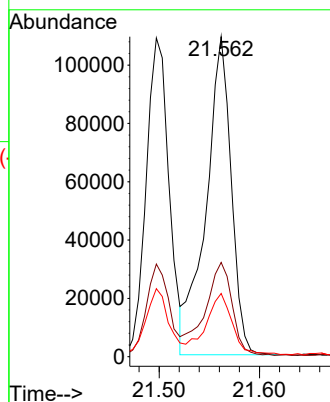
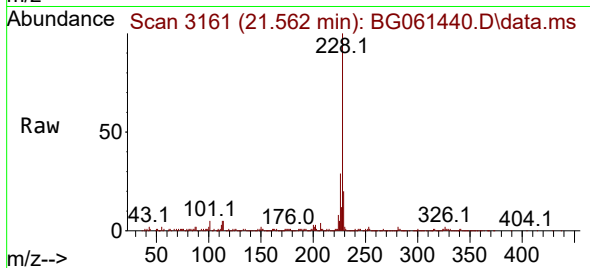
BHBN4

Tgt Ion:	228	Resp:	19042
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.0
229	19.7	15.4	23.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 12.298 ng/ul

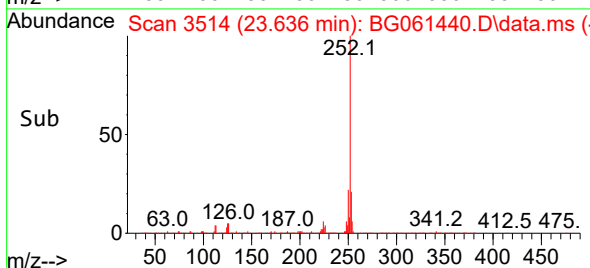
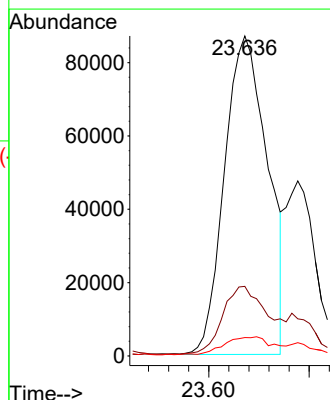
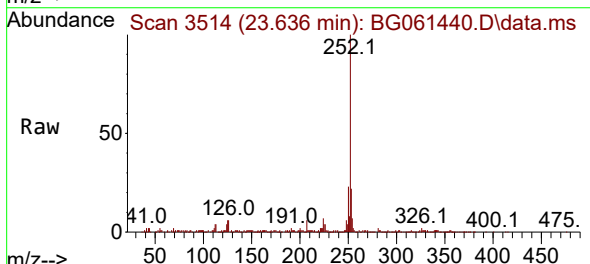
RT: 23.636 min Scan# 3514

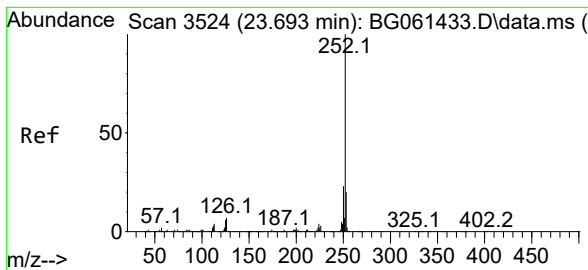
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Lab File: BG061440.D

Acq: 4 Jun 2024 3:05

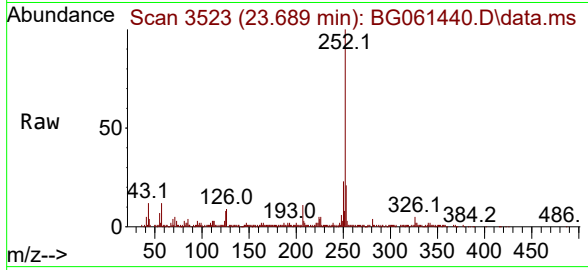
Tgt Ion:	252	Resp:	259076
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	5.8	4.6	6.8





#91
Benzo(k)fluoranthene
Concen: 4.550 ng/ul m
RT: 23.689 min Scan# 3524
Delta R.T. 0.009 min
Lab File: BG061440.D
Acq: 4 Jun 2024 3:05

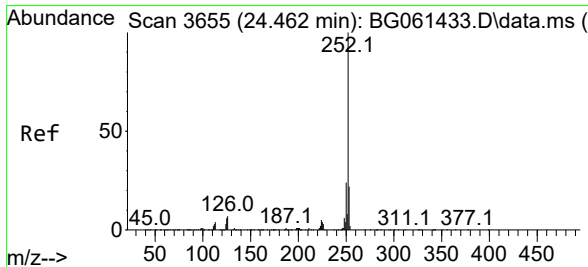
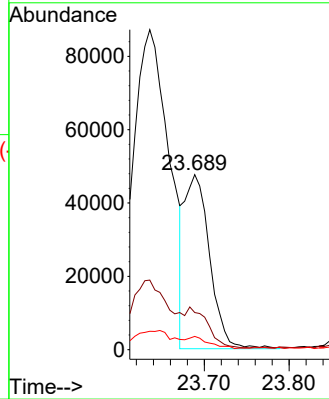
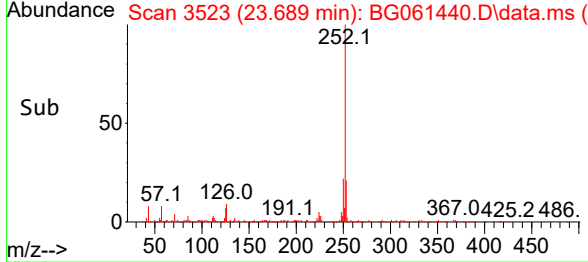
Instrument :
BNA_G
ClientSampleId :
BHBN4



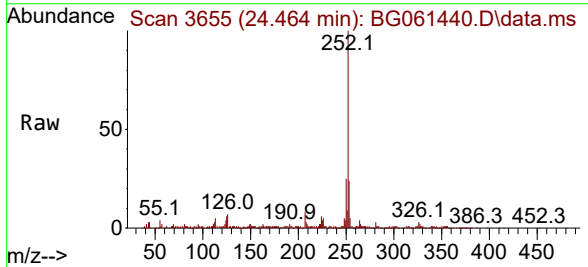
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Ion Ratio Lower Upper
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253 21.2 16.0 24.0
125 7.6 4.3 6.5

Manual Integrations
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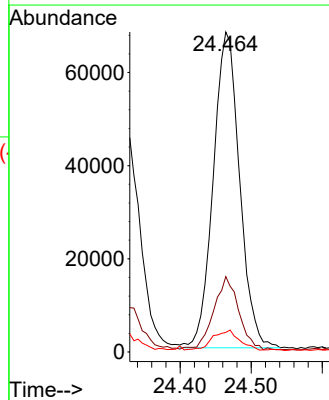
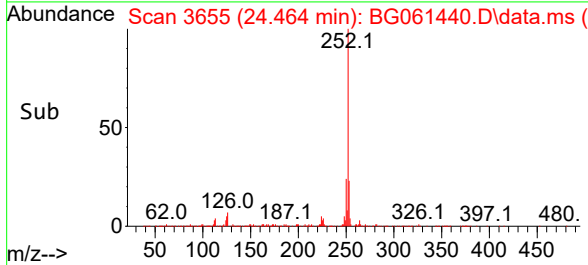
Reviewed By :Jagrut Upadhyay 06/04/2024
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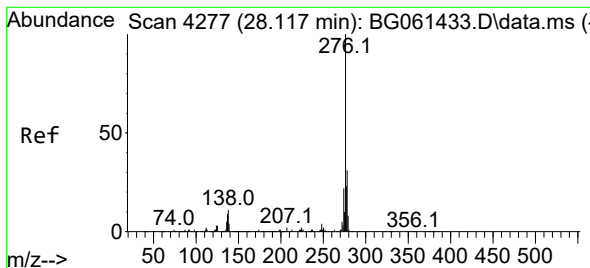


#93
Benzo(a)pyrene
Concen: 8.711 ng/ul
RT: 24.464 min Scan# 3655
Delta R.T. 0.014 min
Lab File: BG061440.D
Acq: 4 Jun 2024 3:05



Tgt Ion:252 Resp: 174262
Ion Ratio Lower Upper
252 100
253 23.6 16.4 24.6
125 6.1 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.795 ng/ul m

RT: 28.113 min Scan# 4277

Delta R.T. 0.020 min

Lab File: BG061440.D

Acq: 4 Jun 2024 3:05

Instrument :

BNA_G

ClientSampleId :

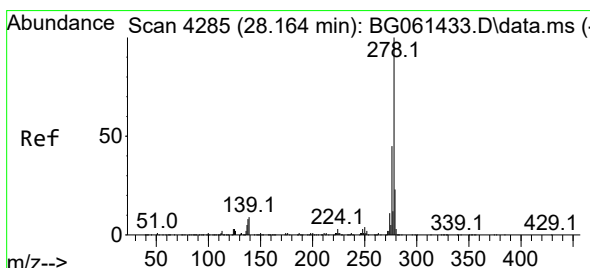
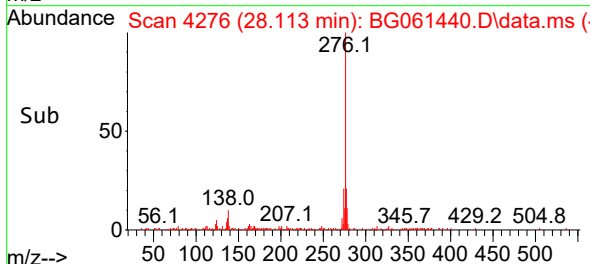
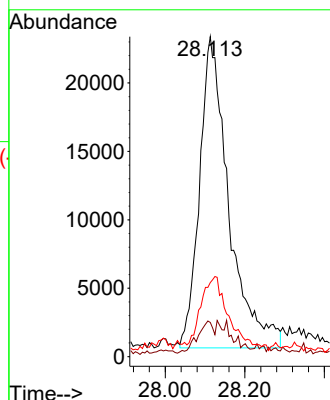
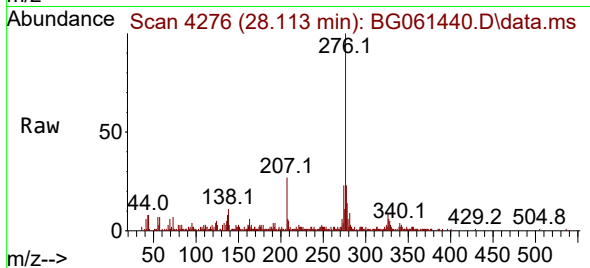
BHBN4

Tgt Ion:	276	Resp:	11600
Ion Ratio	Lower	Upper	
276	100		
138	10.7	8.6	13.0
277	23.2	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.351 ng/ul m

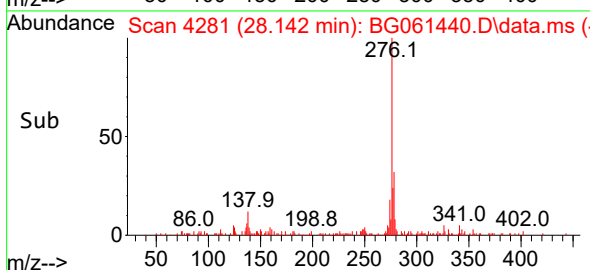
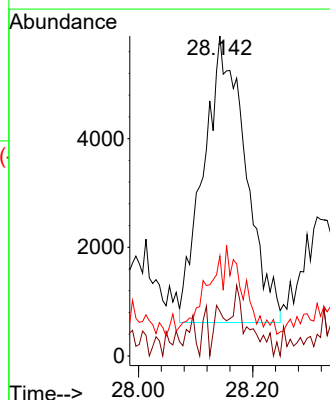
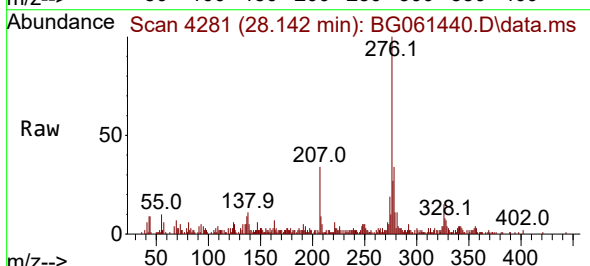
RT: 28.142 min Scan# 4281

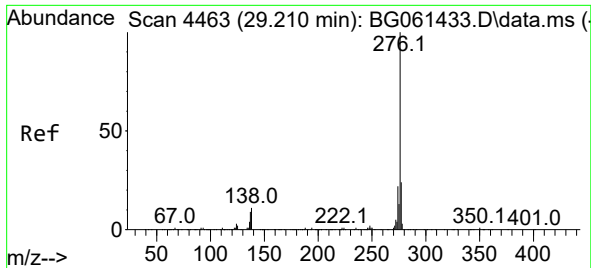
Delta R.T. 0.003 min

Lab File: BG061440.D

Acq: 4 Jun 2024 3:05

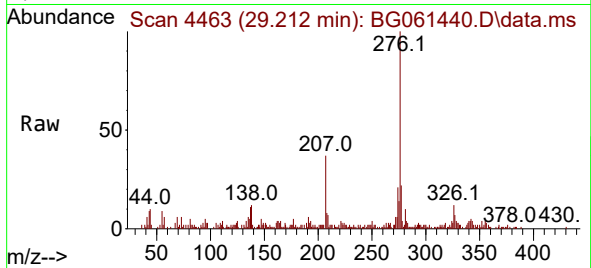
Tgt Ion:	278	Resp:	26952
Ion Ratio	Lower	Upper	
278	100		
139	13.9	6.4	9.6#
279	31.3	19.9	29.9#





#96
Benzo(g,h,i)perylene
Concen: 5.274 ng/ul m
RT: 29.212 min Scan# 44
Delta R.T. 0.038 min
Lab File: BG061440.D
Acq: 4 Jun 2024 3:05

Instrument :
BNA_G
ClientSampleId :
BHBN4



Tgt Ion:276 Resp: 101499
Ion Ratio Lower Upper
276 100
138 12.5 8.7 13.1
277 21.8 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

