

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061467.D
 Acq On : 4 Jun 2024 23:06
 Operator : MA/JU
 Sample : P2590-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 04 23:48:42 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	7.873	152	25833	20.000	ng/u1	0.00
20) Naphthalene-d8	10.670	136	94690	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.513	164	71688	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	170068	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	186598	20.000	ng/u1	0.00
88) Perylene-d12	24.612	264	215636	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	2083	4.512	ng/uL	0.00
4) Pyridine-d5	3.737	84	18850	11.478	ng/u1	0.00
7) Phenol-d5	7.062	99	54488	25.685	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	35184	26.387	ng/u1	0.00
11) 2-Chlorophenol-d4	7.415	132	44302	28.217	ng/u1	0.00
15) 4-Methylphenol-d8	8.602	113	33464	18.499	ng/u1	0.00
21) Nitrobenzene-d5	9.037	128	24018	32.944	ng/u1	0.00
24) 2-Nitrophenol-d4	9.753	143	24927	29.215	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	47907	28.801	ng/u1	0.00
31) 4-Chloroaniline-d4	10.811	131	22477	10.329	ng/u1	0.00
46) Dimethylphthalate-d6	13.919	166	162991	29.315	ng/u1	0.00
49) Acenaphthylene-d8	14.201	160	177299	30.673	ng/u1	0.00
54) 4-Nitrophenol-d4	14.765	143	11404m	16.590	ng/u1	0.03
60) Fluorene-d10	15.506	176	140791	29.330	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	18332	17.822	ng/u1	0.02
73) Anthracene-d10	17.362	188	206618	27.557	ng/u1	0.00
81) Pyrene-d10	19.654	212	289562	30.223	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.401	264	318853	30.757	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.092	94	2390	1.106	ng/u1#	86
61) Fluorene	15.564	166	6623	1.273	ng/u1	88
72) Phenanthrene	17.303	178	135885	16.462	ng/u1	98
74) Anthracene	17.392	178	21699	2.542	ng/u1	99
77) Carbazole	17.668	167	11930	1.719	ng/u1	99
80) Fluoranthene	19.325	202	290419	25.268	ng/u1	99
82) Pyrene	19.683	202	266384	22.328	ng/u1	100
85) Benzo(a)anthracene	21.499	228	161473	12.541	ng/u1	98
87) Chrysene	21.563	228	156662	13.214	ng/u1	98
90) Benzo(b)fluoranthene	23.637	252	211264	16.455	ng/u1	97
91) Benzo(k)fluoranthene	23.696	252	66307m	5.087	ng/u1	
93) Benzo(a)pyrene	24.466	252	148751	12.201	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.126	276	95895	6.504	ng/u1	99
95) Dibenzo(a,h)anthracene	28.155	278	24896	2.048	ng/u1#	96
96) Benzo(g,h,i)perylene	29.219	276	85958m	7.329	ng/u1	

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

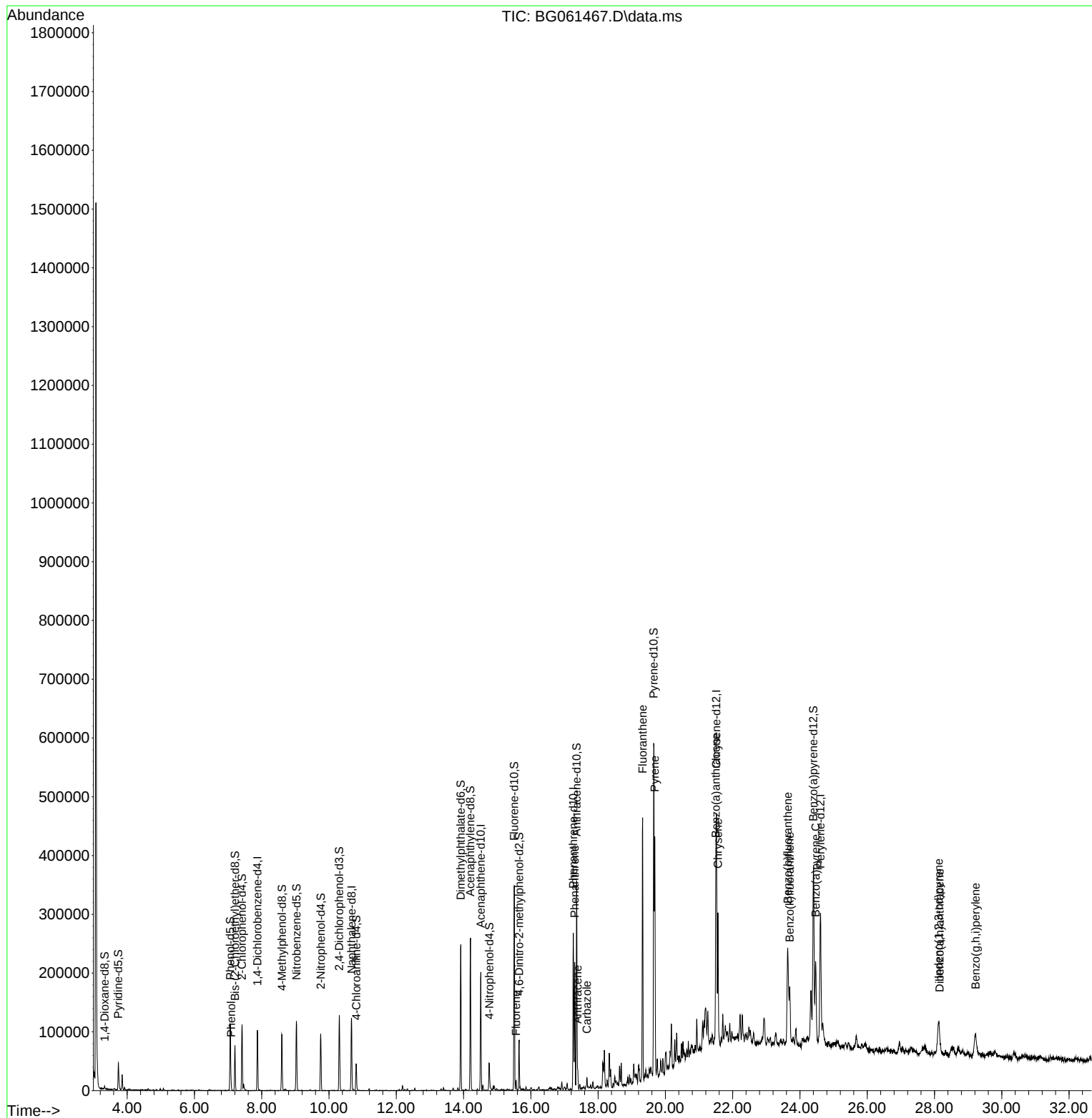
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061467.D
Acq On : 4 Jun 2024 23:06
Operator : MA/JU
Sample : P2590-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

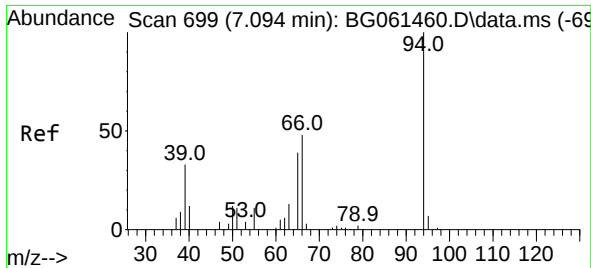
Instrument :
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ClientSampleId :
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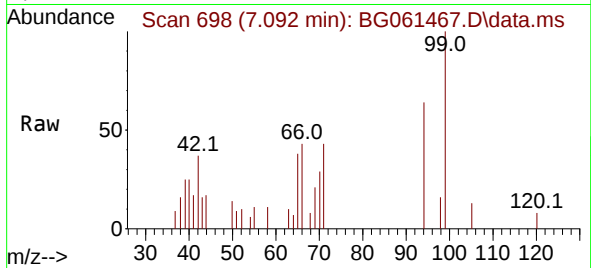
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.106 ng/ul
RT: 7.092 min Scan# 699
Delta R.T. 0.010 min
Lab File: BG061467.D
Acq: 4 Jun 2024 23:06

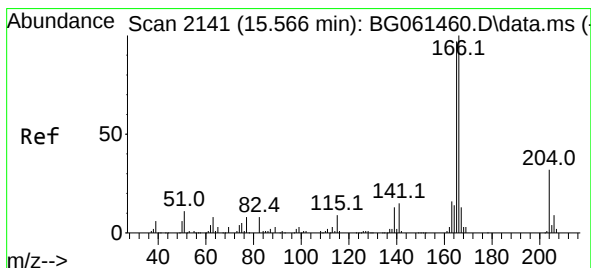
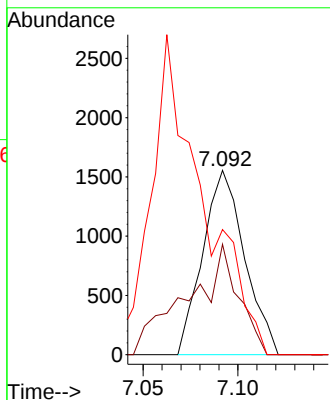
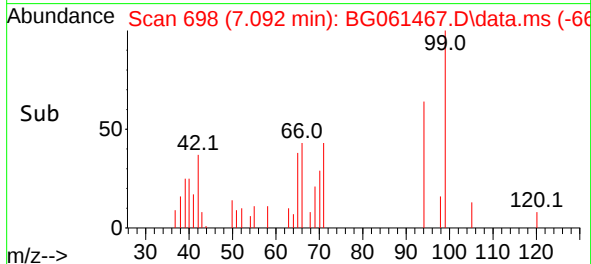
Instrument :
BNA_G
ClientSampleId :
BHBM0



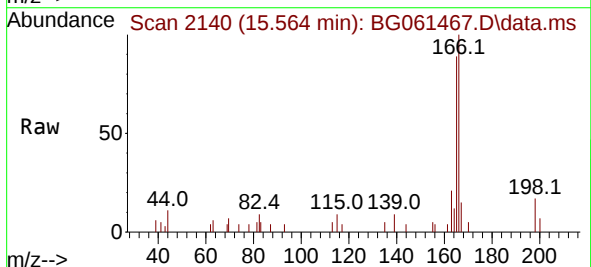
Tgt Ion: 94 Resp: 2390
Ion Ratio Lower Upper
94 100
65 59.9 35.0 52.4
66 67.9 50.3 75.5

Manual Integrations
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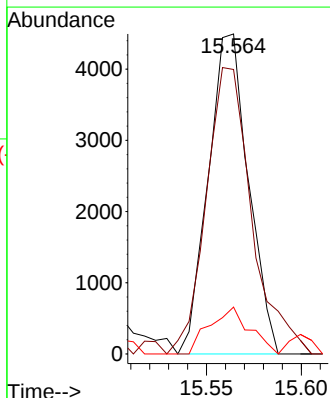
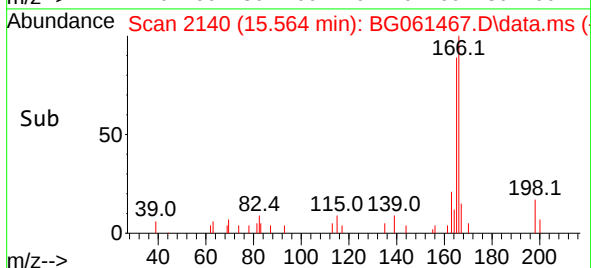
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

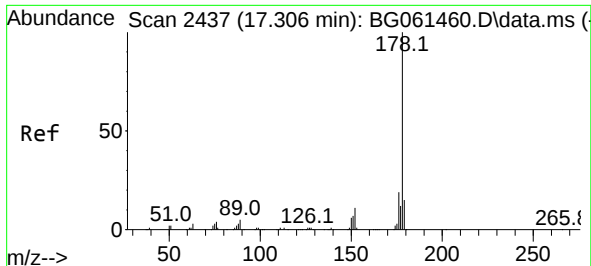


#61
Fluorene
Concen: 1.273 ng/ul
RT: 15.564 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BG061467.D
Acq: 4 Jun 2024 23:06



Tgt Ion:166 Resp: 6623
Ion Ratio Lower Upper
166 100
165 88.9 81.8 122.8
167 14.6 10.6 16.0





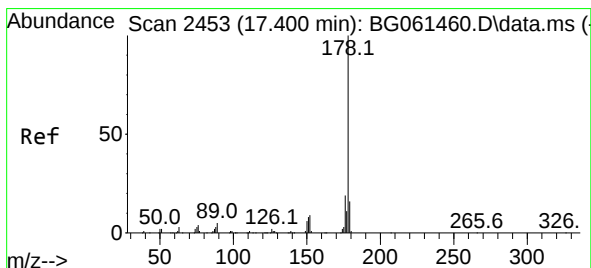
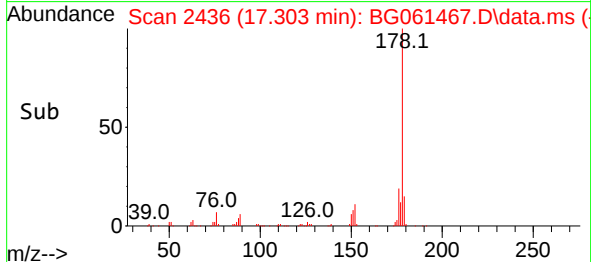
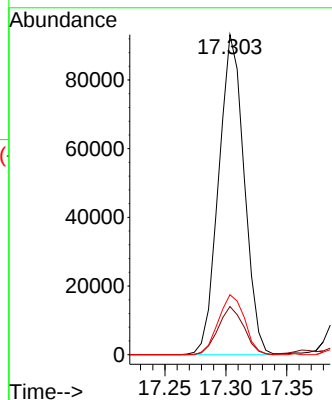
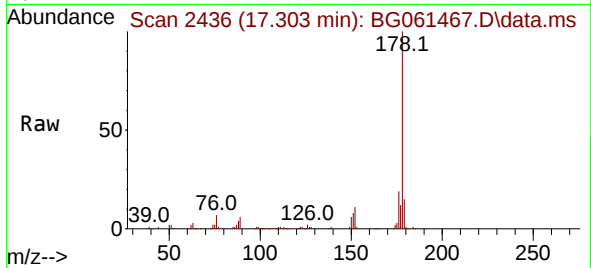
#72
Phenanthrene
Concen: 16.462 ng/u1
RT: 17.303 min Scan# 2437
Delta R.T. 0.004 min
Lab File: BG061467.D
Acq: 4 Jun 2024 23:06

Instrument :
BNA_G
ClientSampleId :
BHBM0

Tgt Ion:178 Resp: 13588
Ion Ratio Lower Upper
178 100
179 15.0 12.7 19.1
176 18.8 15.5 23.3

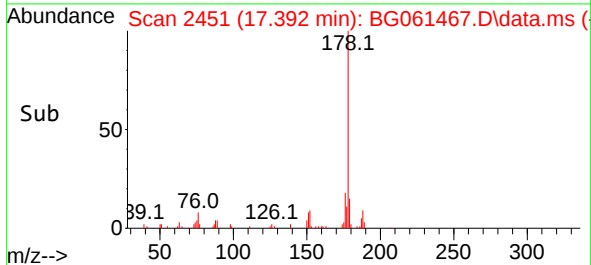
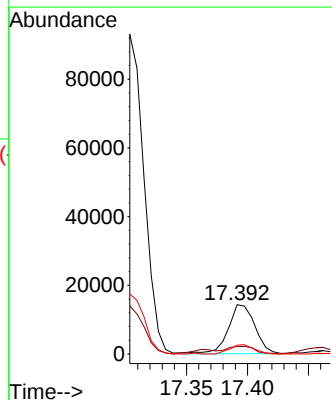
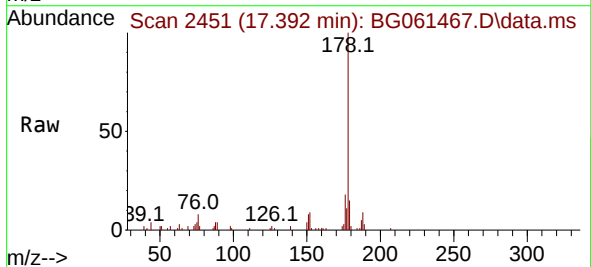
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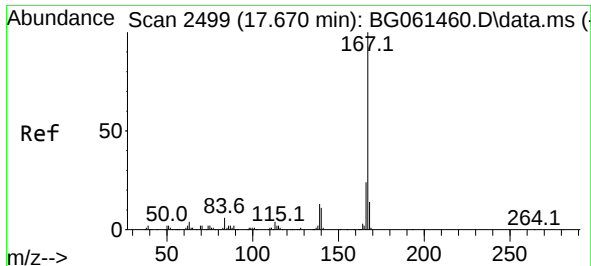
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#74
Anthracene
Concen: 2.542 ng/u1
RT: 17.392 min Scan# 2451
Delta R.T. -0.002 min
Lab File: BG061467.D
Acq: 4 Jun 2024 23:06

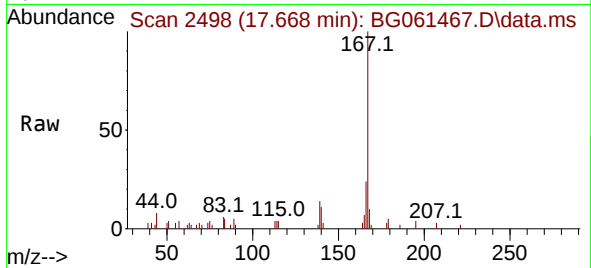
Tgt Ion:178 Resp: 21699
Ion Ratio Lower Upper
178 100
179 15.1 11.8 17.6
176 18.0 14.9 22.3





#77
 Carbazole
 Concen: 1.719 ng/ul
 RT: 17.668 min Scan# 2499
 Delta R.T. 0.004 min
 Lab File: BG061467.D
 Acq: 4 Jun 2024 23:06

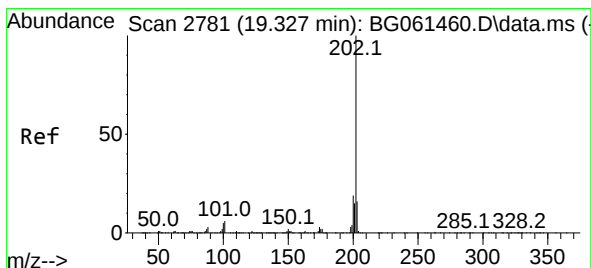
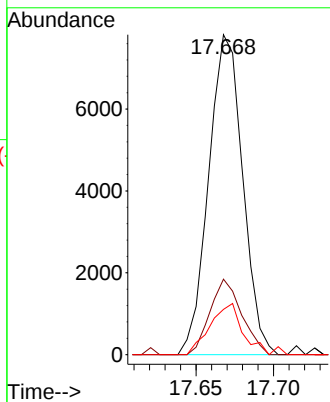
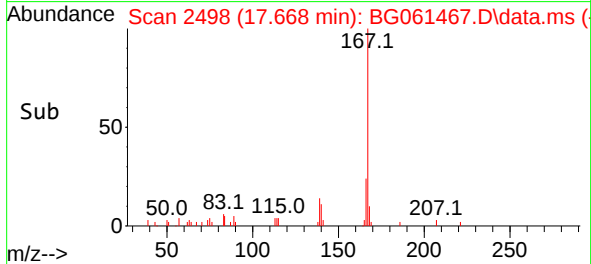
Instrument :
 BNA_G
 ClientSampleId :
 BHBM0



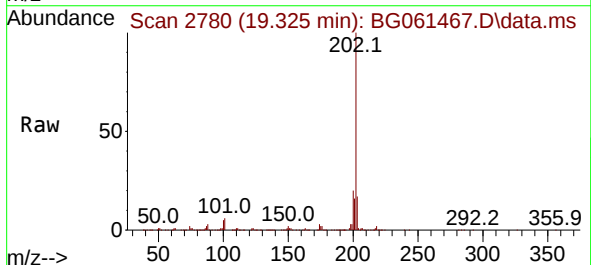
Tgt Ion:167 Resp: 11930
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.6 28.0
 139 14.1 10.6 15.8

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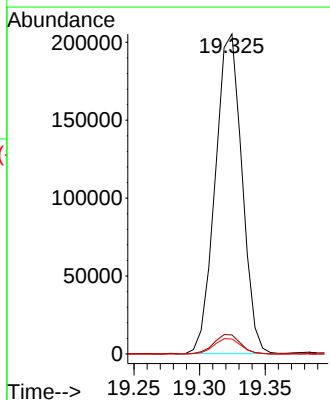
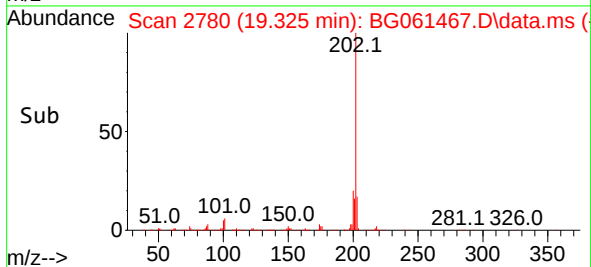
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

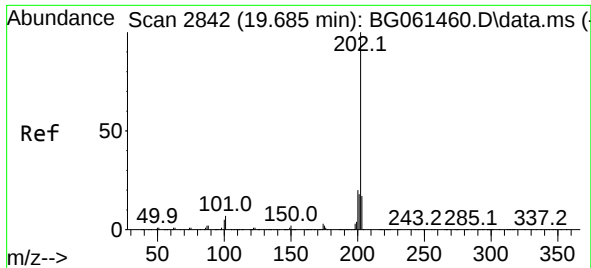


#80
 Fluoranthene
 Concen: 25.268 ng/ul
 RT: 19.325 min Scan# 2780
 Delta R.T. 0.010 min
 Lab File: BG061467.D
 Acq: 4 Jun 2024 23:06



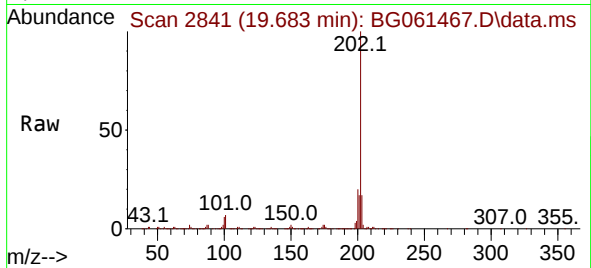
Tgt Ion:202 Resp: 290419
 Ion Ratio Lower Upper
 202 100
 101 5.9 4.8 7.2
 100 4.7 4.1 6.1





#82
 Pyrene
 Concen: 22.328 ng/ul
 RT: 19.683 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG061467.D
 Acq: 4 Jun 2024 23:06

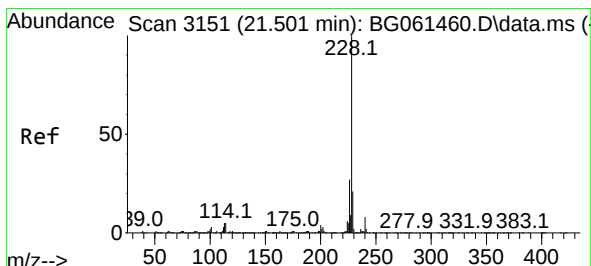
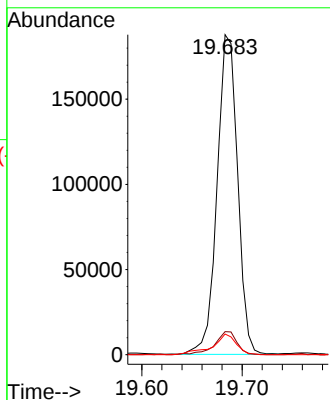
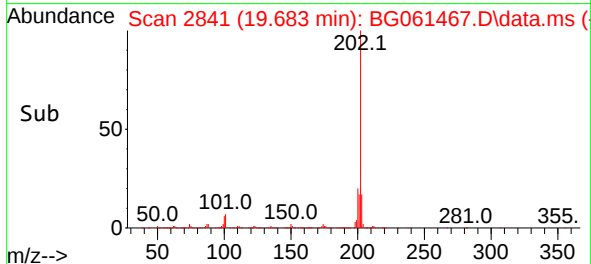
Instrument :
 BNA_G
 ClientSampleId :
 BHBM0



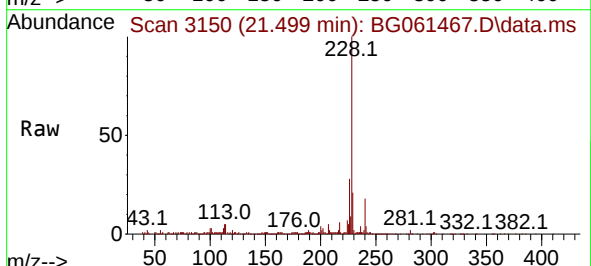
Tgt Ion:202 Resp: 266384
 Ion Ratio Lower Upper
 202 100
 101 7.2 5.7 8.5
 100 6.4 5.1 7.7

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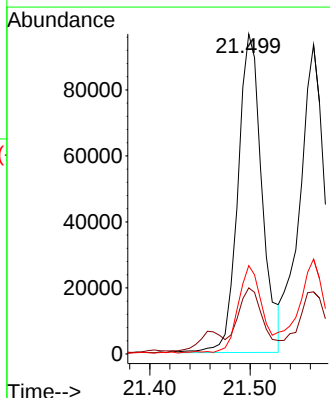
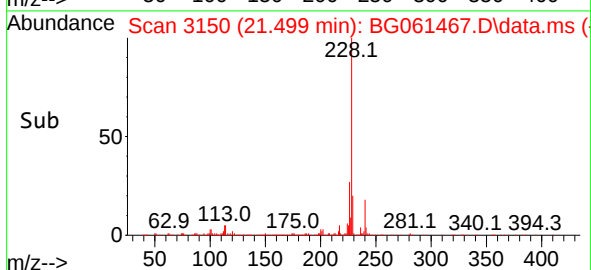
Reviewed By :Jagrut Upadhyay 06/05/2024
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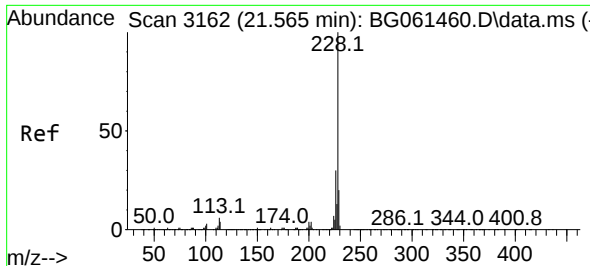


#85
 Benzo(a)anthracene
 Concen: 12.541 ng/ul
 RT: 21.499 min Scan# 3150
 Delta R.T. 0.004 min
 Lab File: BG061467.D
 Acq: 4 Jun 2024 23:06



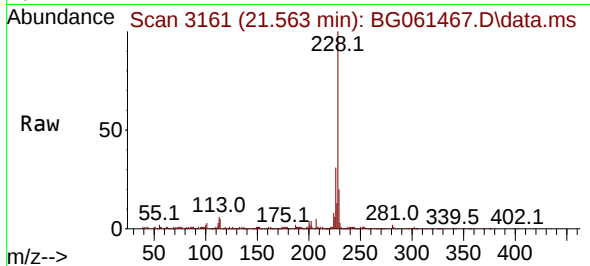
Tgt Ion:228 Resp: 161473
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.2 22.8
 226 27.6 21.4 32.2





#87
Chrysene
Concen: 13.214 ng/ul
RT: 21.563 min Scan# 3161
Delta R.T. 0.010 min
Lab File: BG061467.D
Acq: 4 Jun 2024 23:06

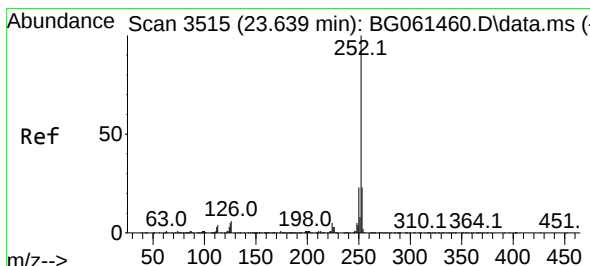
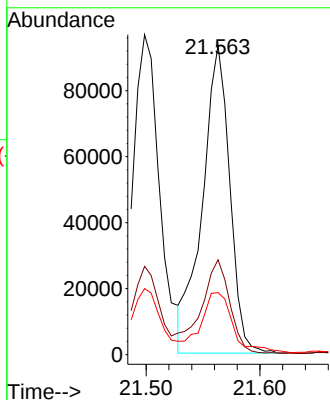
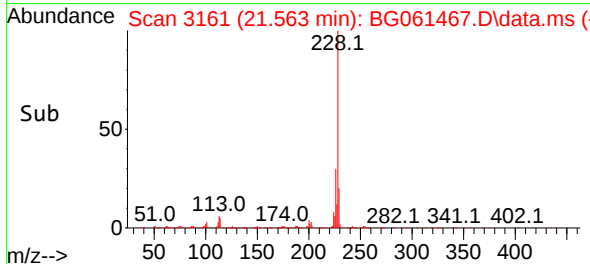
Instrument :
BNA_G
ClientSampleId :
BHBM0



Tgt Ion:228 Resp: 156662
Ion Ratio Lower Upper
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226 30.7 23.4 35.0
229 20.1 15.4 23.2

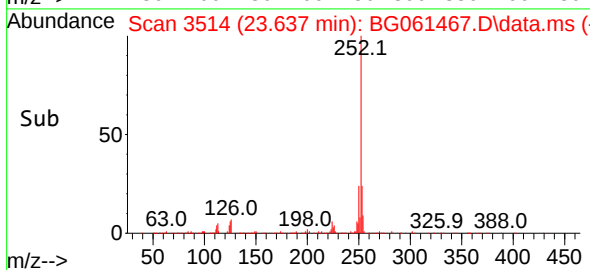
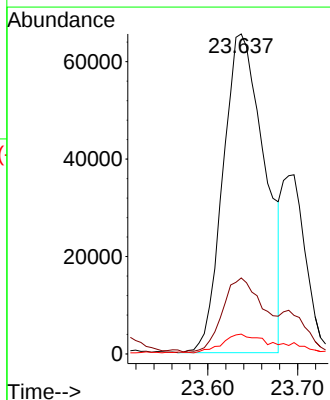
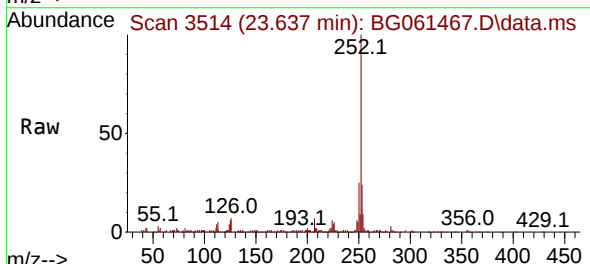
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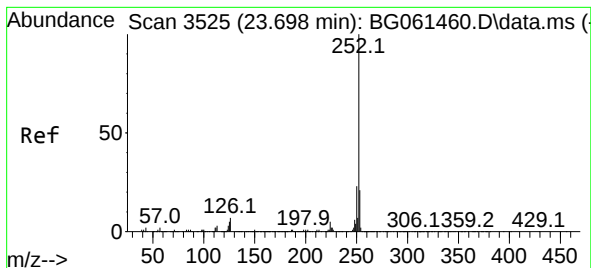
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#90
Benzo(b)fluoranthene
Concen: 16.455 ng/ul
RT: 23.637 min Scan# 3514
Delta R.T. 0.022 min
Lab File: BG061467.D
Acq: 4 Jun 2024 23:06

Tgt Ion:252 Resp: 211264
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 6.2 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 5.087 ng/ul m

RT: 23.696 min Scan# 3

Delta R.T. 0.016 min

Lab File: BG061467.D

Acq: 4 Jun 2024 23:06

Instrument :

BNA_G

ClientSampleId :

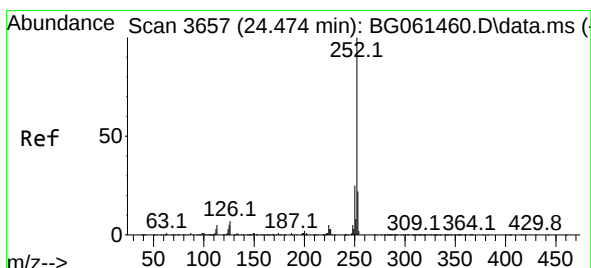
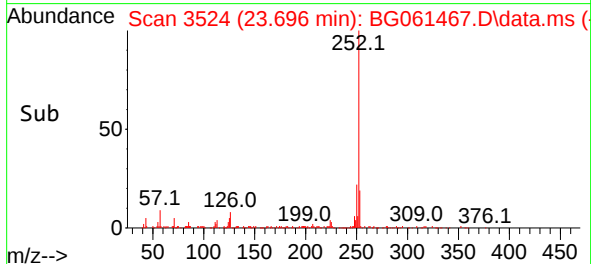
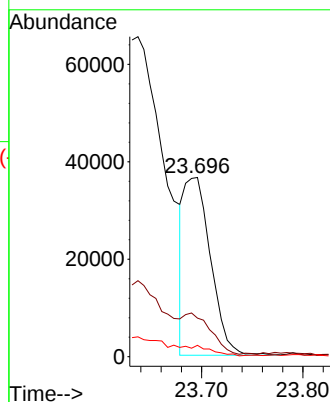
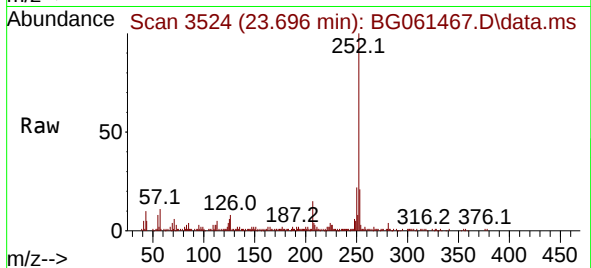
BHBM0

Tgt Ion:252 Resp: 6630
 Ion Ratio Lower Upper
 252 100
 253 21.5 16.0 24.0
 125 6.4 4.3 6.5

Manual Integrations

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 Supervised By :mohammad ahmed 06/07/2024



#93

Benzo(a)pyrene

Concen: 12.201 ng/ul

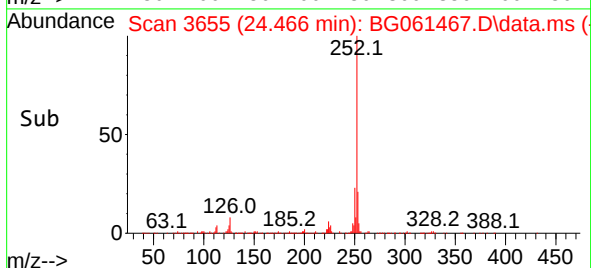
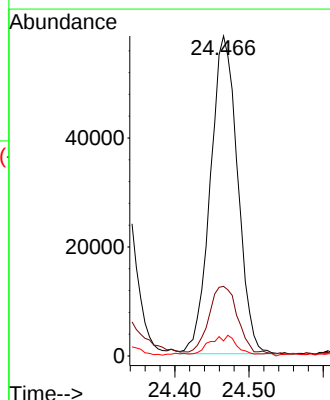
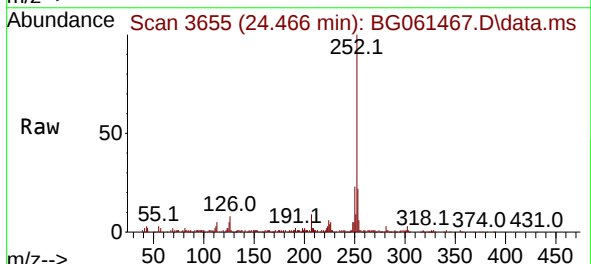
RT: 24.466 min Scan# 3655

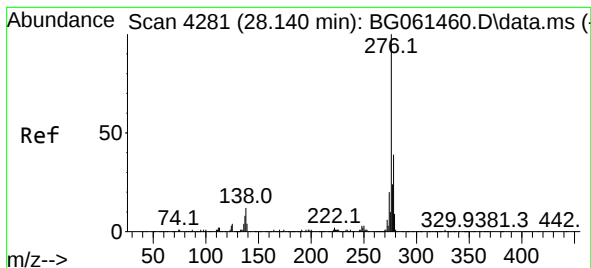
Delta R.T. 0.016 min

Lab File: BG061467.D

Acq: 4 Jun 2024 23:06

Tgt Ion:252 Resp: 148751
 Ion Ratio Lower Upper
 252 100
 253 21.7 16.4 24.6
 125 4.7 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.504 ng/ul

RT: 28.126 min Scan# 41

Delta R.T. 0.033 min

Lab File: BG061467.D

Acq: 4 Jun 2024 23:06

Instrument :

BNA_G

ClientSampleId :

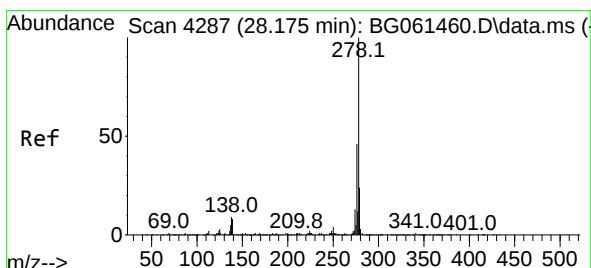
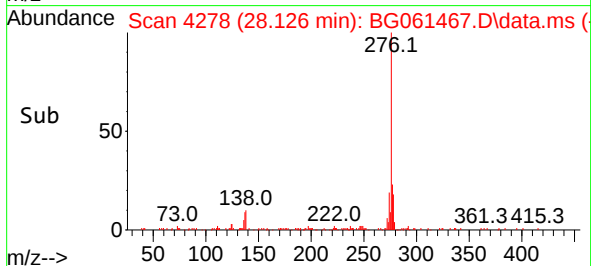
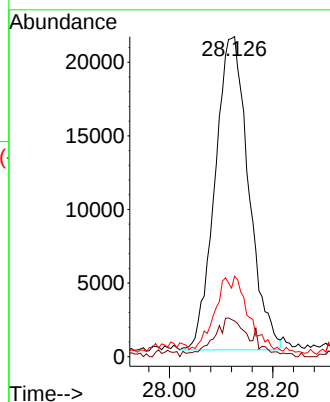
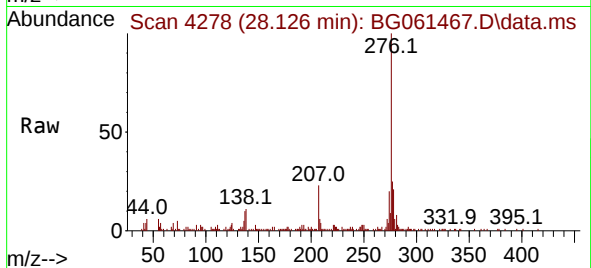
BHBM0

Tgt Ion:	276	Resp:	9589
Ion Ratio	Lower	Upper	
276	100		
138	11.2	8.6	13.0
277	25.2	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.048 ng/ul

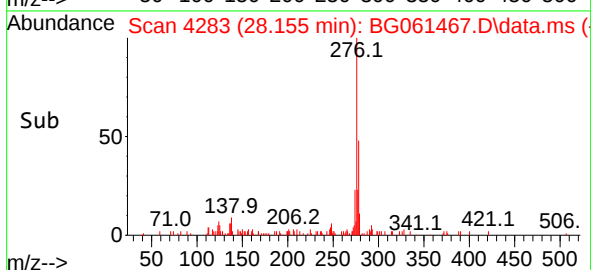
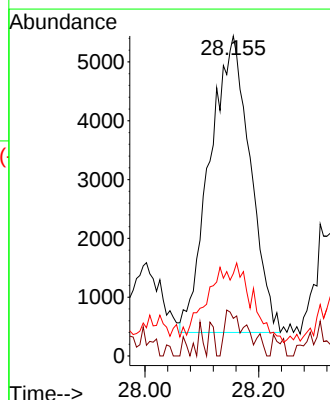
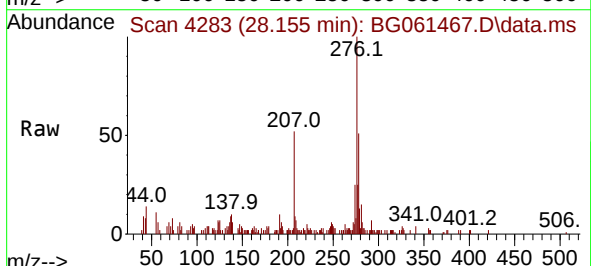
RT: 28.155 min Scan# 4283

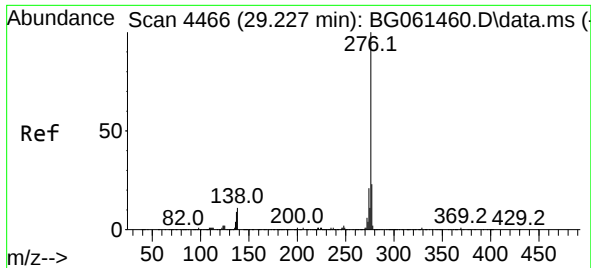
Delta R.T. 0.016 min

Lab File: BG061467.D

Acq: 4 Jun 2024 23:06

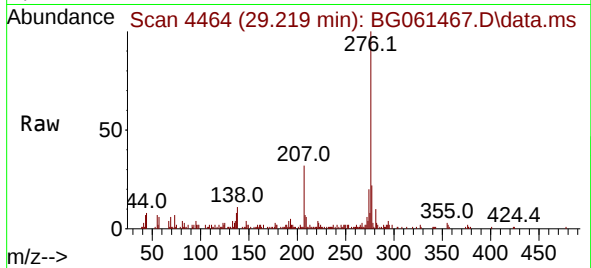
Tgt Ion:	278	Resp:	24896
Ion Ratio	Lower	Upper	
278	100		
139	11.8	6.4	9.6
279	25.7	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 7.329 ng/ul m
RT: 29.219 min Scan# 4464
Delta R.T. 0.045 min
Lab File: BG061467.D
Acq: 4 Jun 2024 23:06

Instrument :
BNA_G
ClientSampleId :
BHBM0



Tgt Ion:276 Resp: 85958
Ion Ratio Lower Upper
276 100
138 11.4 8.7 13.1
277 22.0 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

