

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062190.D
 Acq On : 23 Jul 2024 17:55
 Operator : MA/JU
 Sample : P3263-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BD6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 23:07:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	41580	20.000	ng/u1	0.00
20) Naphthalene-d8	10.878	136	174148	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.691	164	147231	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.440	188	369285	20.000	ng/u1	0.00
79) Chrysene-d12	21.699	240	343193	20.000	ng/u1	0.00
88) Perylene-d12	24.936	264	362717	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	3946	4.431	ng/uL	0.00
4) Pyridine-d5	3.876	84	15008	4.638	ng/u1	0.00
7) Phenol-d5	7.236	99	91909	22.452	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	50027	21.270	ng/u1	0.00
11) 2-Chlorophenol-d4	7.595	132	57522	22.297	ng/u1	-0.01
15) 4-Methylphenol-d8	8.781	113	67392	21.617	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	30924	22.288	ng/u1	0.00
24) 2-Nitrophenol-d4	9.956	143	38538	23.077	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.502	165	84042	24.040	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	47419	11.276	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	285513	22.879	ng/u1	0.00
49) Acenaphthylene-d8	14.391	160	305438	24.138	ng/u1	0.00
54) 4-Nitrophenol-d4	14.920	143	31747	21.110	ng/u1	0.00
60) Fluorene-d10	15.684	176	258502	24.329	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.807	200	43653m	18.601	ng/u1	0.00
73) Anthracene-d10	17.534	188	424257	24.594	ng/u1	0.00
81) Pyrene-d10	19.819	212	455614	23.414	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.713	264	312984	17.262	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.756	153	9420	1.029	ng/u1#	85
56) Dibenzofuran	15.090	168	14710	1.067	ng/u1	96
72) Phenanthrene	17.481	178	268451	15.106	ng/u1	96
74) Anthracene	17.569	178	33407m	1.826	ng/u1	
77) Carbazole	17.840	167	18519	1.191	ng/u1#	93
80) Fluoranthene	19.484	202	434446	19.462	ng/u1	99
82) Pyrene	19.849	202	284314	12.250	ng/u1	97
85) Benzo(a)anthracene	21.676	228	174812	7.257	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.564	149	23108	2.340	ng/u1	92
87) Chrysene	21.746	228	193389	8.732	ng/u1	95
90) Benzo(b)fluoranthene	23.902	252	226222	10.095	ng/u1#	96
91) Benzo(k)fluoranthene	23.967	252	73281	3.276	ng/u1#	92
93) Benzo(a)pyrene	24.777	252	78431	3.737	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.631	276	75183m	3.118	ng/u1	
95) Dibenzo(a,h)anthracene	28.666	278	28715m	1.436	ng/u1	

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

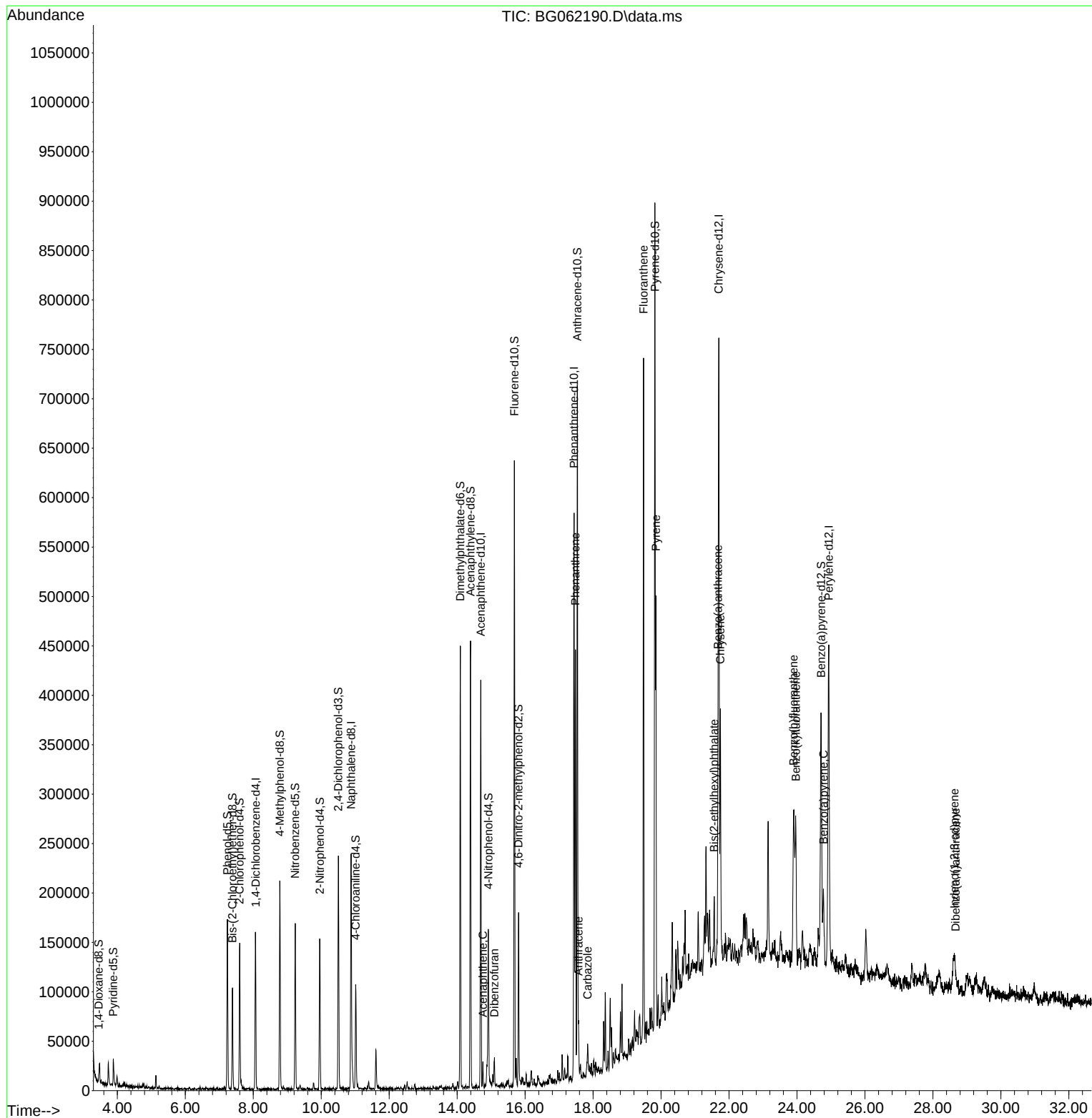
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062190.D
Acq On : 23 Jul 2024 17:55
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Sample : P3263-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

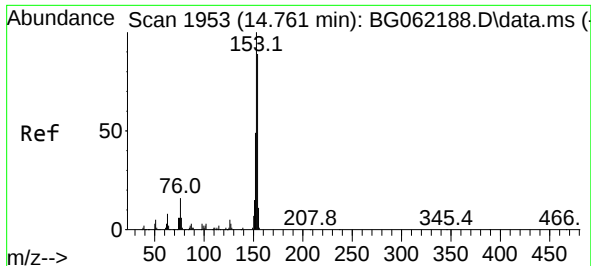
Instrument :
BNA_G
ClientSampleId :
A4BD6

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Supervised By :mohammad ahmed 07/25/2024

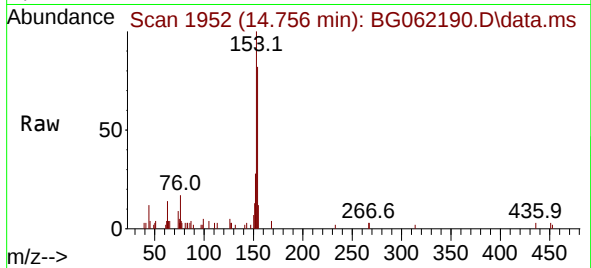
Quant Time: Jul 23 23:07:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
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#52
Acenaphthene
Concen: 1.029 ng/u1
RT: 14.756 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG062190.D
Acq: 23 Jul 2024 17:55

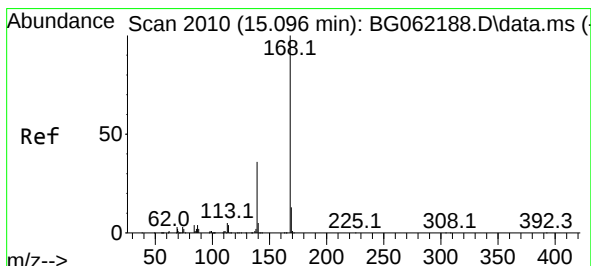
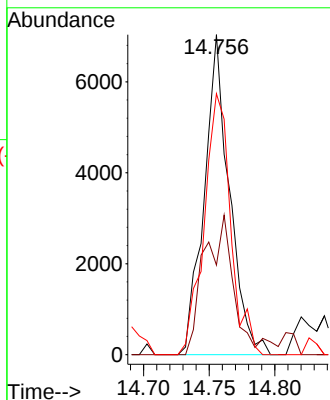
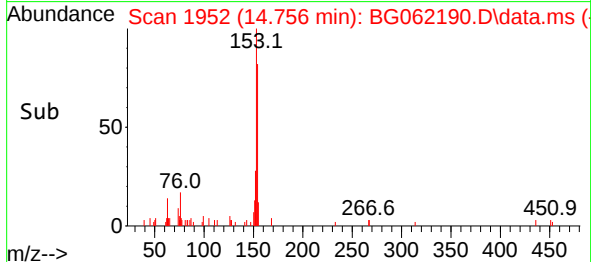
Instrument :
BNA_G
ClientSampleId :
A4BD6



Tgt Ion:153 Resp: 9420
Ion Ratio Lower Upper
153 100
152 28.0 38.2 57.4
154 81.5 71.0 106.6

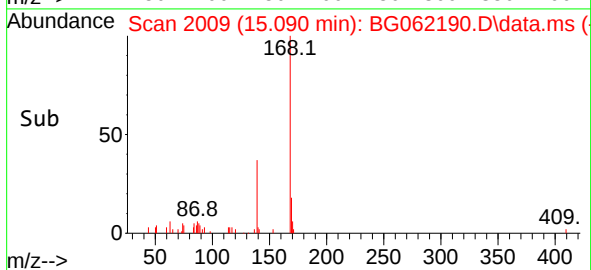
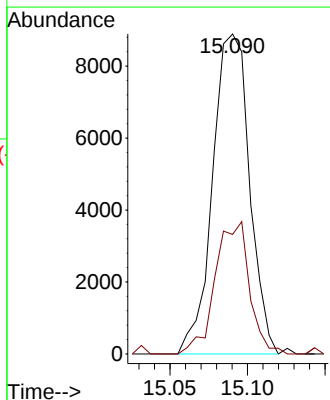
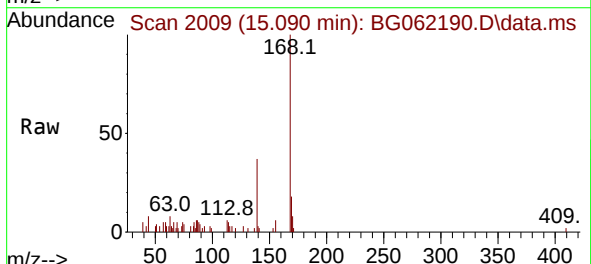
Manual Integrations
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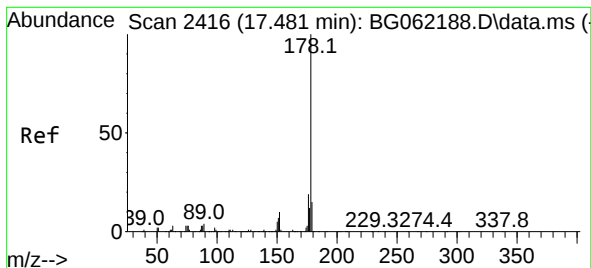
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#56
Dibenzofuran
Concen: 1.067 ng/u1
RT: 15.090 min Scan# 2009
Delta R.T. -0.005 min
Lab File: BG062190.D
Acq: 23 Jul 2024 17:55

Tgt Ion:168 Resp: 14710
Ion Ratio Lower Upper
168 100
139 37.4 31.8 47.6





#72

Phenanthrene

Concen: 15.106 ng/ul

RT: 17.481 min Scan# 2416

Delta R.T. 0.001 min

Lab File: BG062190.D

Acq: 23 Jul 2024 17:55

Instrument :

BNA_G

ClientSampleId :

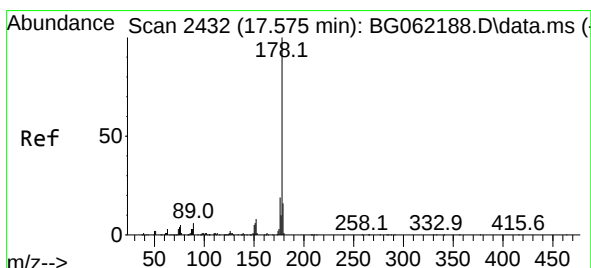
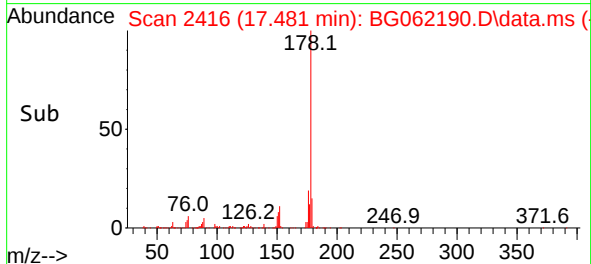
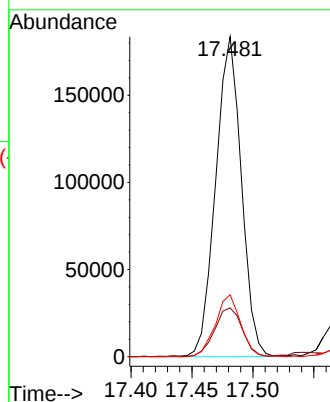
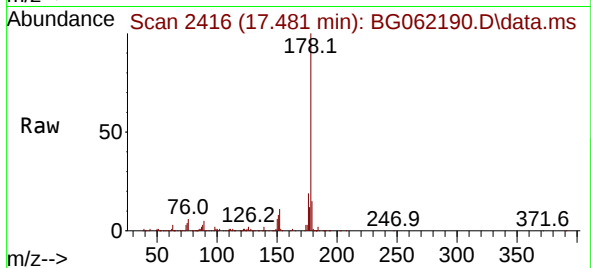
A4BD6

Tgt Ion:178 Resp: 26845
 Ion Ratio Lower Upper
 178 100
 179 15.2 14.1 21.1
 176 19.4 16.3 24.5

Manual Integrations

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 Supervised By :mohammad ahmed 07/25/2024



#74

Anthracene

Concen: 1.826 ng/ul m

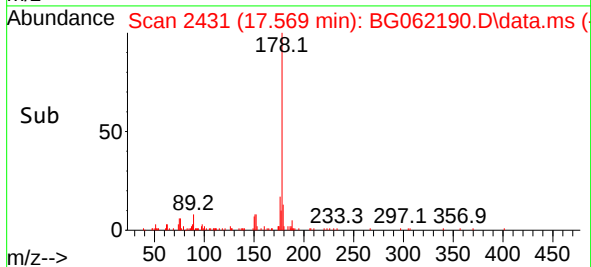
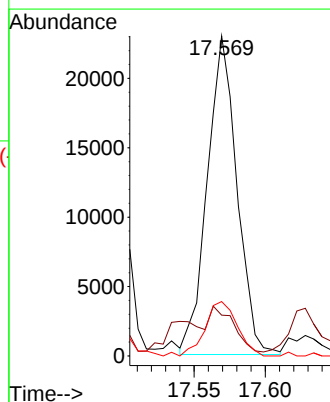
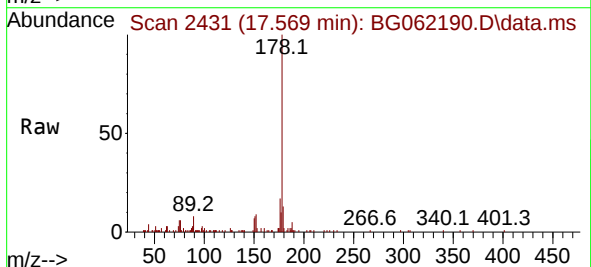
RT: 17.569 min Scan# 2431

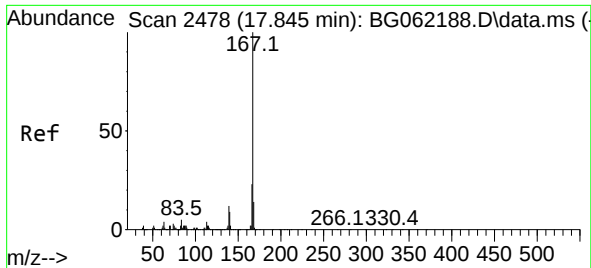
Delta R.T. -0.005 min

Lab File: BG062190.D

Acq: 23 Jul 2024 17:55

Tgt Ion:178 Resp: 33407
 Ion Ratio Lower Upper
 178 100
 179 12.7 13.9 20.9#
 176 17.0 16.3 24.5





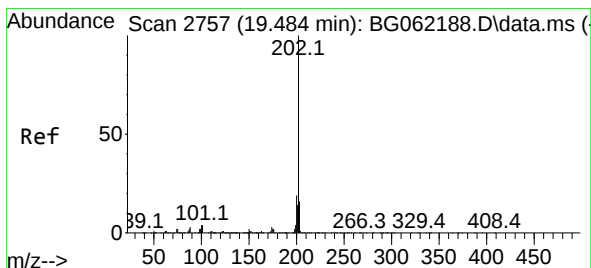
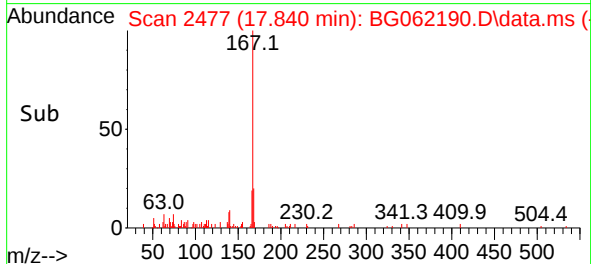
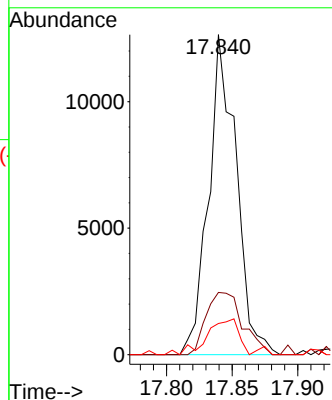
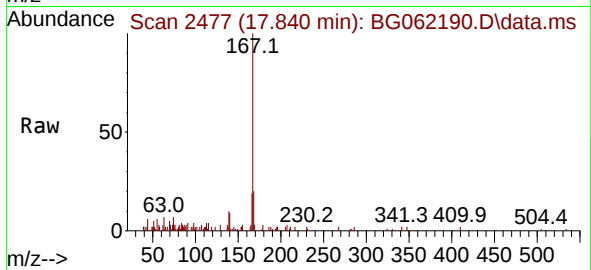
#77
 Carbazole
 Concen: 1.191 ng/ul
 RT: 17.840 min Scan# 2478
 Delta R.T. -0.005 min
 Lab File: BG062190.D
 Acq: 23 Jul 2024 17:55

Instrument :
 BNA_G
 ClientSampleId :
 A4BD6

Tgt Ion:167 Resp: 18519
 Ion Ratio Lower Upper
 167 100
 166 19.5 18.5 27.7
 139 9.8 9.8 14.8

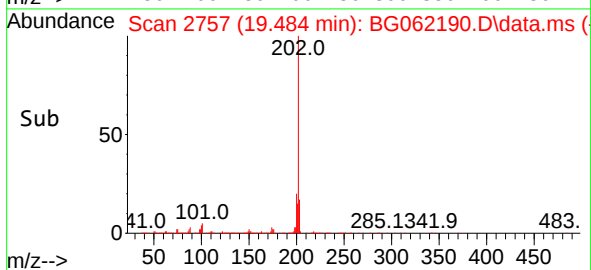
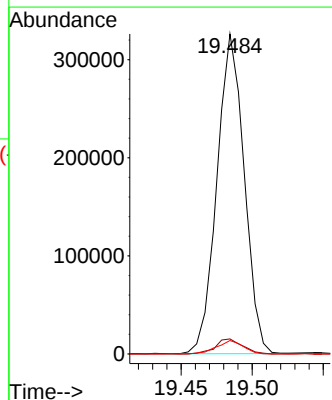
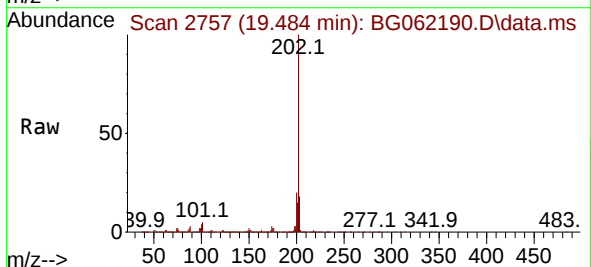
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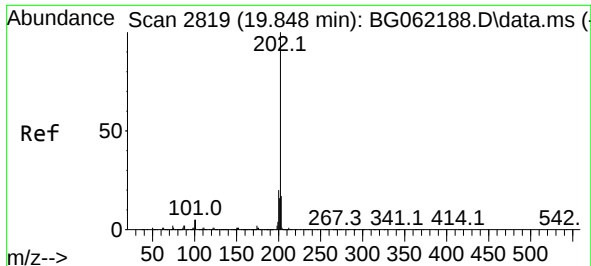
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Fluoranthene
 Concen: 19.462 ng/ul
 RT: 19.484 min Scan# 2757
 Delta R.T. 0.001 min
 Lab File: BG062190.D
 Acq: 23 Jul 2024 17:55

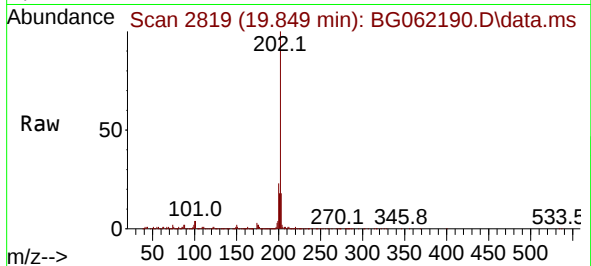
Tgt Ion:202 Resp: 434446
 Ion Ratio Lower Upper
 202 100
 101 4.7 4.2 6.2
 100 4.2 3.1 4.7





#82
Pyrene
Concen: 12.250 ng/ul
RT: 19.849 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG062190.D
Acq: 23 Jul 2024 17:55

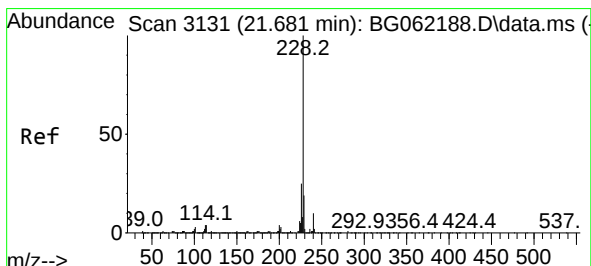
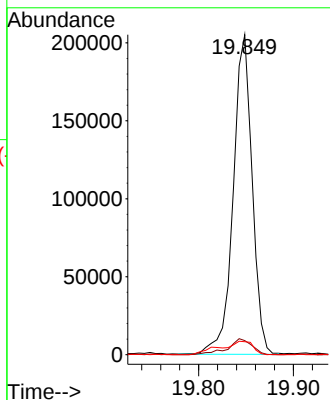
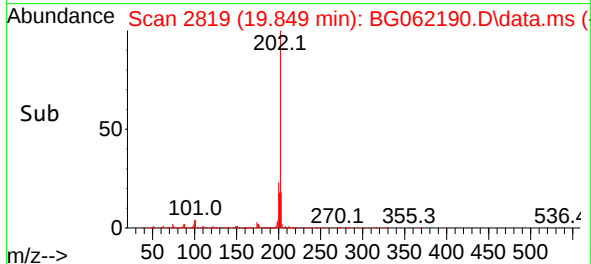
Instrument :
BNA_G
ClientSampleId :
A4BD6



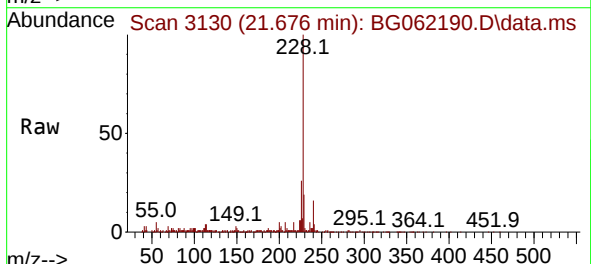
Tgt Ion:202 Resp: 284314
Ion Ratio Lower Upper
202 100
101 4.4 4.2 6.4
100 4.0 4.0 6.0

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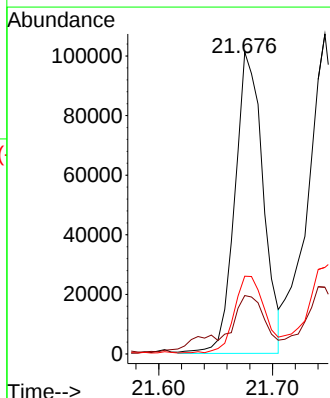
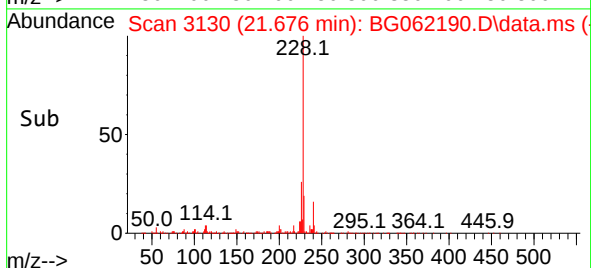
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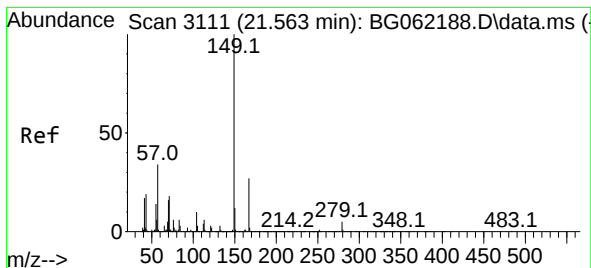


#85
Benzo(a)anthracene
Concen: 7.257 ng/ul
RT: 21.676 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BG062190.D
Acq: 23 Jul 2024 17:55



Tgt Ion:228 Resp: 174812
Ion Ratio Lower Upper
228 100
229 19.4 15.4 23.2
226 25.8 20.9 31.3





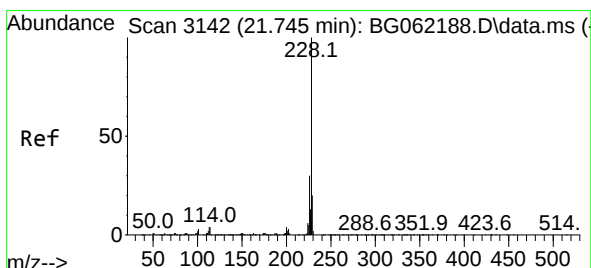
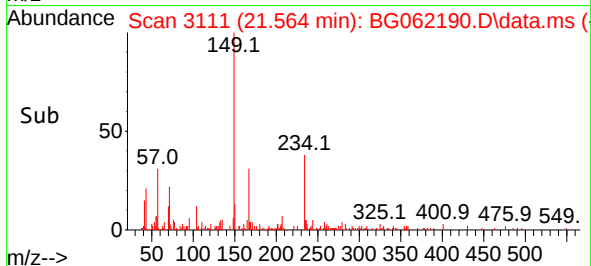
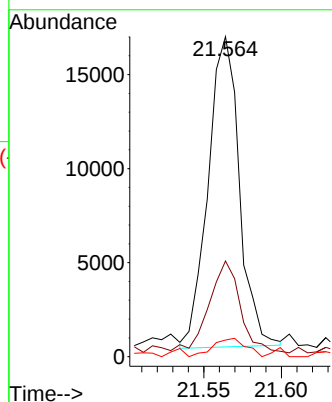
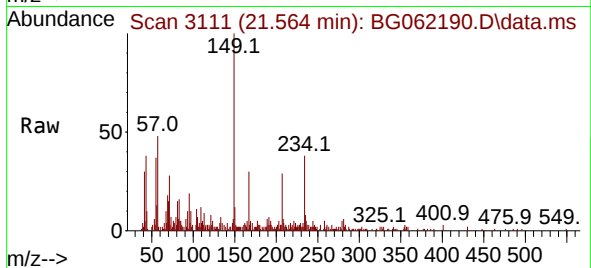
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.340 ng/ul
RT: 21.564 min Scan# 3111
Delta R.T. -0.005 min
Lab File: BG062190.D
Acq: 23 Jul 2024 17:55

Instrument :
BNA_G
ClientSampleId :
A4BD6

Tgt Ion:149 Resp: 23108
Ion Ratio Lower Upper
149 100
167 29.9 20.2 30.2
279 5.2 3.8 5.8

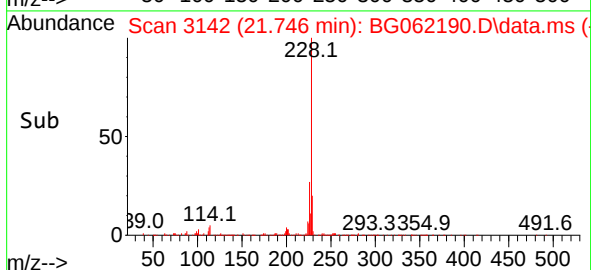
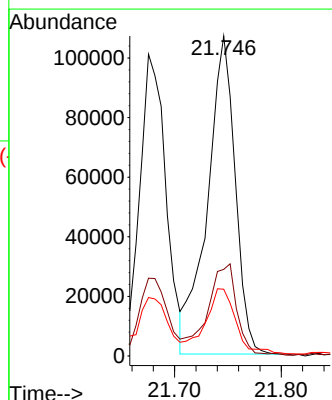
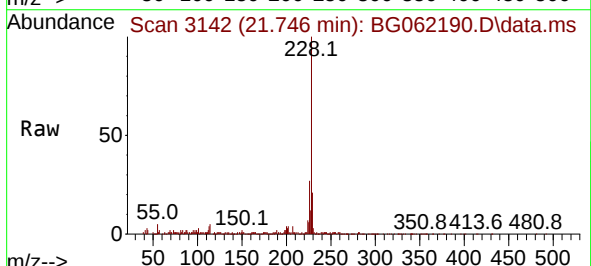
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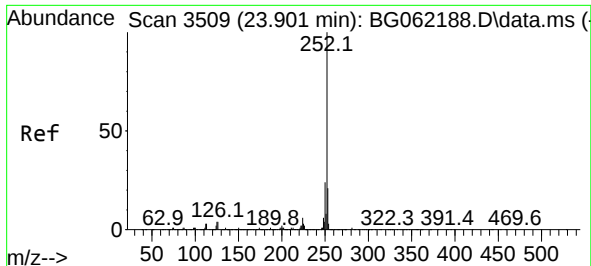
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 8.732 ng/ul
RT: 21.746 min Scan# 3142
Delta R.T. -0.005 min
Lab File: BG062190.D
Acq: 23 Jul 2024 17:55

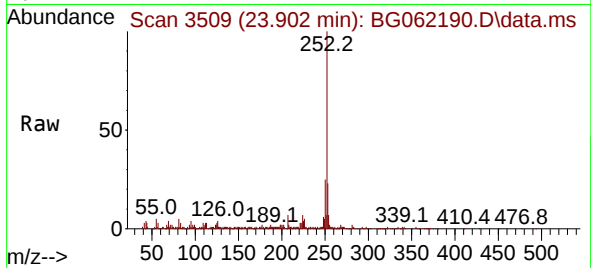
Tgt Ion:228 Resp: 193389
Ion Ratio Lower Upper
228 100
226 27.1 24.0 36.0
229 20.9 15.4 23.0





#90
Benzo(b)fluoranthene
Concen: 10.095 ng/ul
RT: 23.902 min Scan# 3509
Delta R.T. -0.005 min
Lab File: BG062190.D
Acq: 23 Jul 2024 17:55

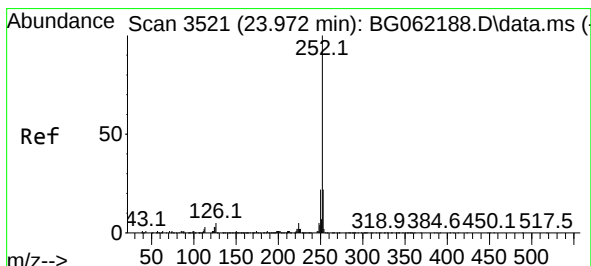
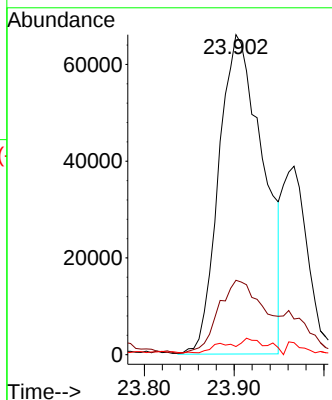
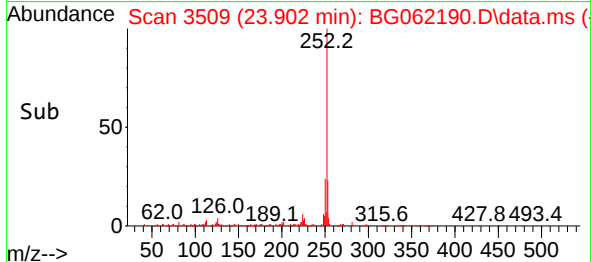
Instrument :
BNA_G
ClientSampleId :
A4BD6



Tgt Ion:252 Resp: 22622
Ion Ratio Lower Upper
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253 23.2 17.2 25.8
125 2.6 3.4 5.0

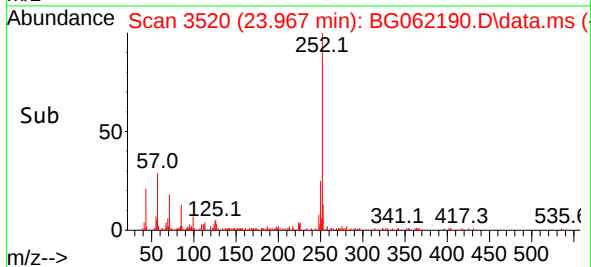
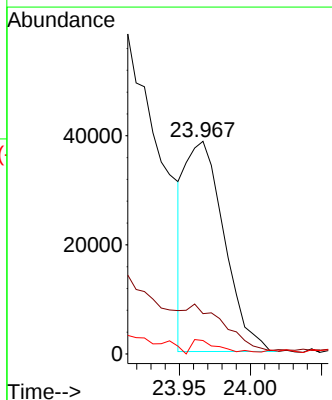
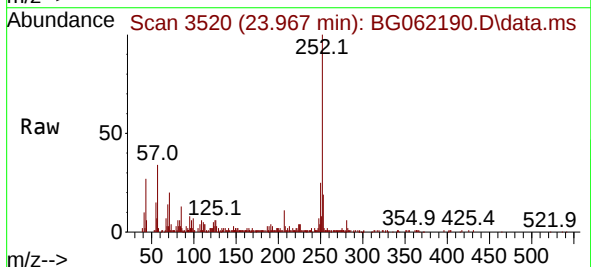
Manual Integrations
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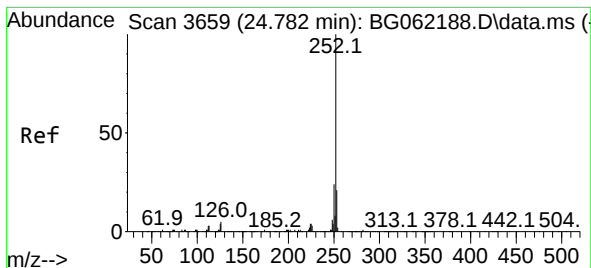
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#91
Benzo(k)fluoranthene
Concen: 3.276 ng/ul
RT: 23.967 min Scan# 3520
Delta R.T. -0.005 min
Lab File: BG062190.D
Acq: 23 Jul 2024 17:55

Tgt Ion:252 Resp: 73281
Ion Ratio Lower Upper
252 100
253 18.9 18.2 27.2
125 6.4 2.7 4.1





#93

Benzo(a)pyrene

Concen: 3.737 ng/ul

RT: 24.777 min Scan# 3658

Delta R.T. -0.005 min

Lab File: BG062190.D

Acq: 23 Jul 2024 17:55

Instrument :

BNA_G

ClientSampleId :

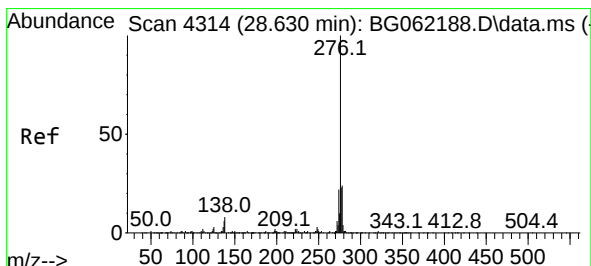
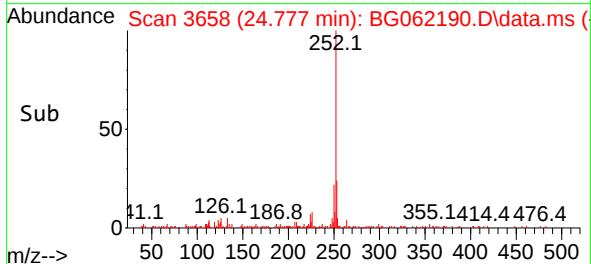
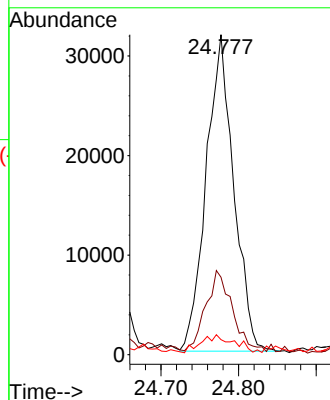
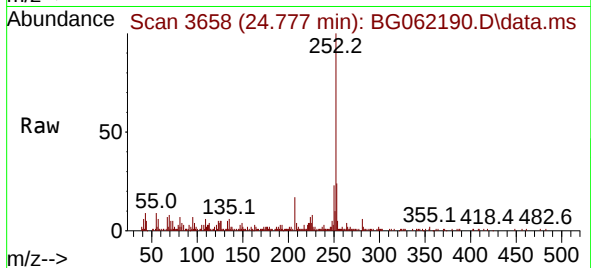
A4BD6

Tgt Ion:	252	Resp:	7843
Ion Ratio	Lower	Upper	
252	100		
253	24.2	16.6	24.8
125	4.7	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.118 ng/ul m

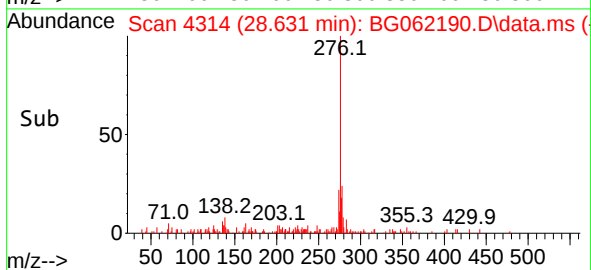
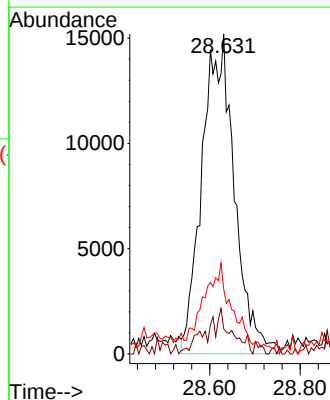
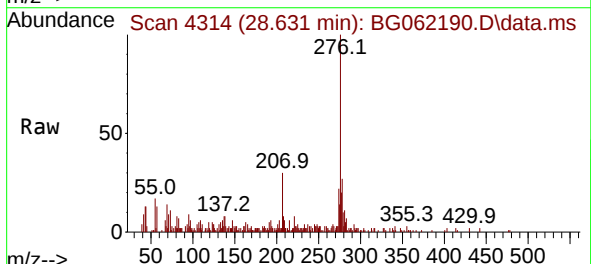
RT: 28.631 min Scan# 4314

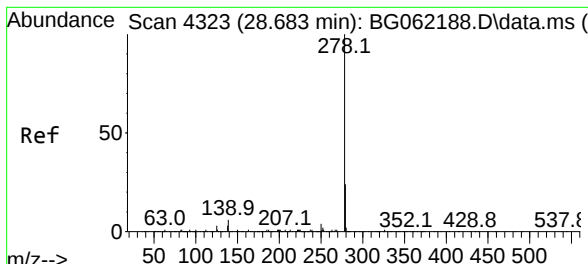
Delta R.T. 0.006 min

Lab File: BG062190.D

Acq: 23 Jul 2024 17:55

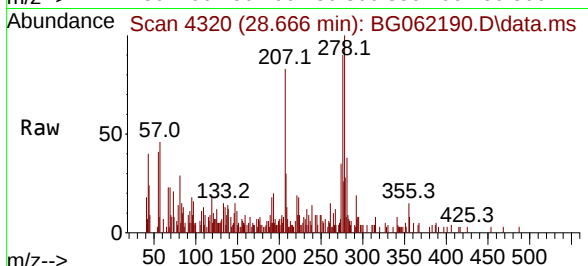
Tgt Ion:	276	Resp:	75183
Ion Ratio	Lower	Upper	
276	100		
138	7.9	6.1	9.1
277	20.3	17.4	26.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.436 ng/ul m
 RT: 28.666 min Scan# 4
 Delta R.T. -0.017 min
 Lab File: BG062190.D
 Acq: 23 Jul 2024 17:55

Instrument :
 BNA_G
 ClientSampleId :
 A4BD6



Tgt Ion: 278 Resp: 2871

Ion	Ratio	Lower	Upper
278	100		
139	11.9	4.7	7.1
279	28.3	18.9	28.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

