

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062035.D
 Acq On : 12 Jul 2024 9:22
 Operator : MA/JU
 Sample : P3088-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

Quant Time: Jul 12 11:05:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	53263	20.000	ng/u1	# 0.00
20) Naphthalene-d8	10.855	136	254867	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.674	164	169493	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.417	188	383485	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.677	240	343679	20.000	ng/u1	# 0.00
88) Perylene-d12	24.891	264	409542	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	3970	2.801	ng/uL	0.00
4) Pyridine-d5	3.869	84	16009	3.673	ng/u1	0.01
7) Phenol-d5	7.200	99	106195	18.219	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	61894	16.768	ng/u1	0.00
11) 2-Chlorophenol-d4	7.570	132	79938	19.993	ng/u1	0.00
15) 4-Methylphenol-d8	8.745	113	81409	17.738	ng/u1	0.00
21) Nitrobenzene-d5	9.209	128	39119	20.182	ng/u1	0.00
24) 2-Nitrophenol-d4	9.926	143	48910	22.096	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.473	165	101805	23.844	ng/u1	0.00
31) 4-Chloroaniline-d4	10.990	131	43749	7.058	ng/u1	0.00
46) Dimethylphthalate-d6	14.074	166	336350	24.138	ng/u1	0.00
49) Acenaphthylene-d8	14.368	160	350224	24.036	ng/u1	0.00
54) 4-Nitrophenol-d4	14.879	143	47325	21.267	ng/u1	0.00
60) Fluorene-d10	15.667	176	292179	24.907	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.778	200	29899	14.846	ng/u1	0.00
73) Anthracene-d10	17.517	188	464565	25.947	ng/u1	0.00
81) Pyrene-d10	19.797	212	318058	15.734	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.674	264	275710	13.574	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.459	178	267468	13.228	ng/u1	96
74) Anthracene	17.553	178	48508	2.321	ng/u1	97
77) Carbazole	17.823	167	23511	1.337	ng/u1#	90
80) Fluoranthene	19.468	202	637776	26.659	ng/u1	96
82) Pyrene	19.826	202	338876	13.713	ng/u1#	94
83) Butylbenzylphthalate	20.702	149	29001	2.796	ng/u1	95
85) Benzo(a)anthracene	21.660	228	299820	12.049	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.554	149	134853	9.061	ng/u1	98
87) Chrysene	21.724	228	339710	14.583	ng/u1	96
90) Benzo(b)fluoranthene	23.869	252	477393	18.502	ng/u1	95
91) Benzo(k)fluoranthene	23.927	252	178178m	6.925	ng/u1	
93) Benzo(a)pyrene	24.738	252	153884	6.298	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.563	276	135988m	4.355	ng/u1	
95) Dibenzo(a,h)anthracene	28.616	278	65854m	2.554	ng/u1	
96) Benzo(g,h,i)perylene	29.691	276	85171m	3.429	ng/u1	

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

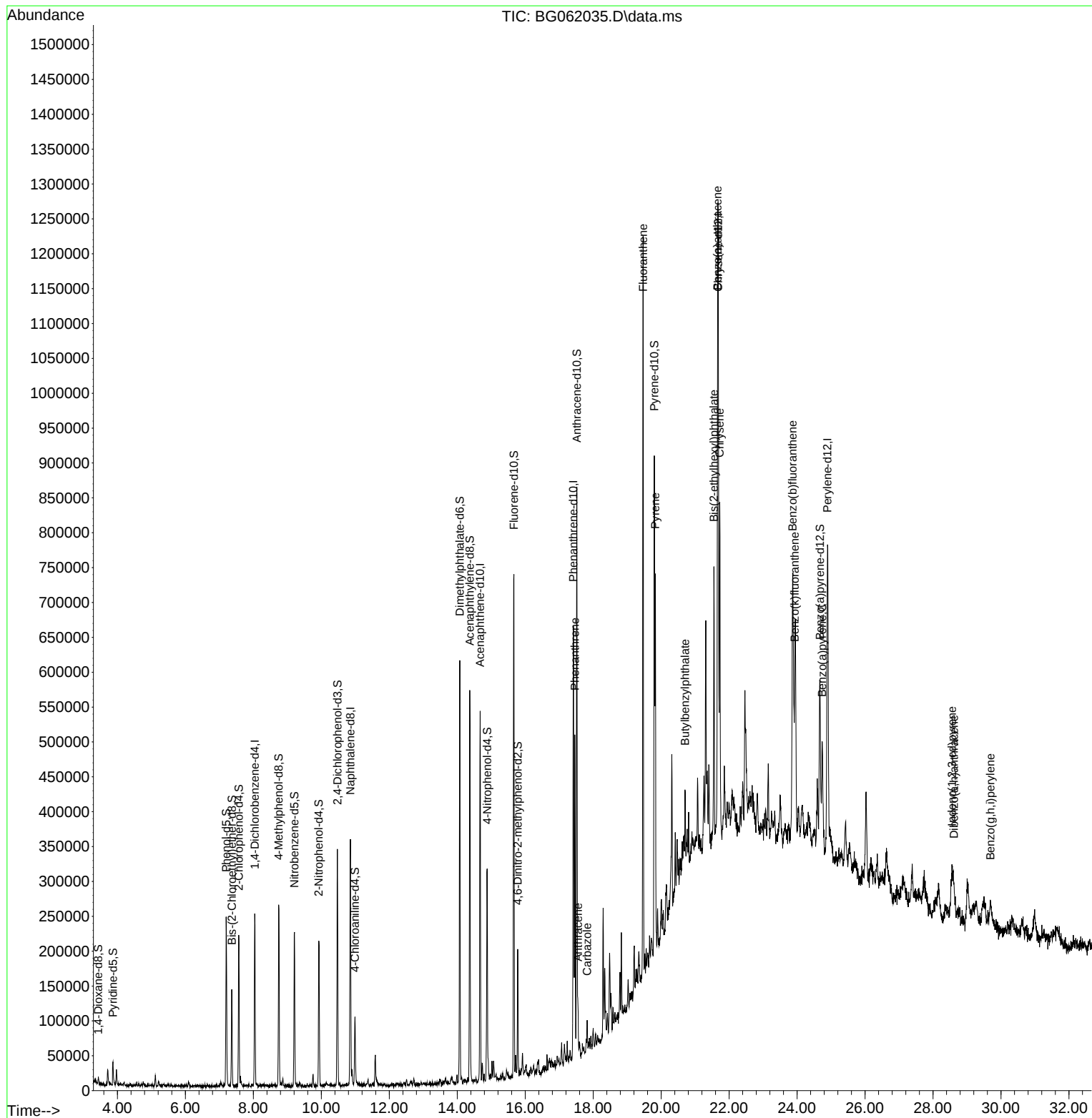
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062035.D
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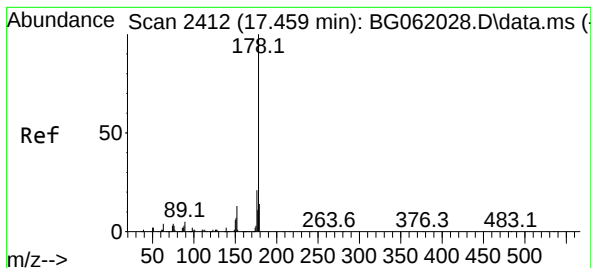
Instrument :
 BNA_G
 ClientSampleId :
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#72

Phenanthrene

Concen: 13.228 ng/ul

RT: 17.459 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BG062035.D

Acq: 12 Jul 2024 9:22

Instrument :

BNA_G

ClientSampleId :

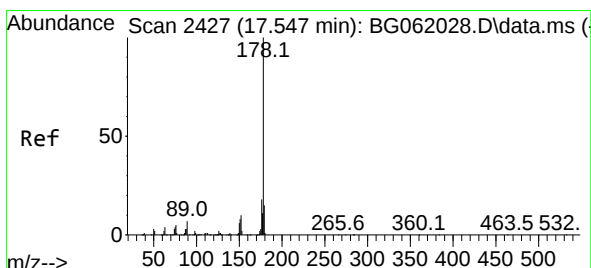
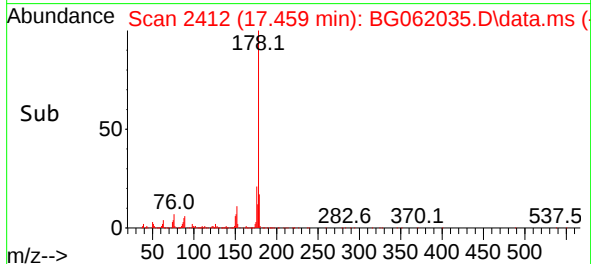
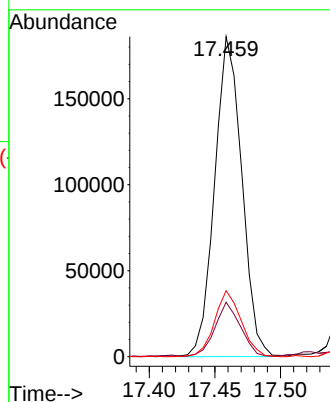
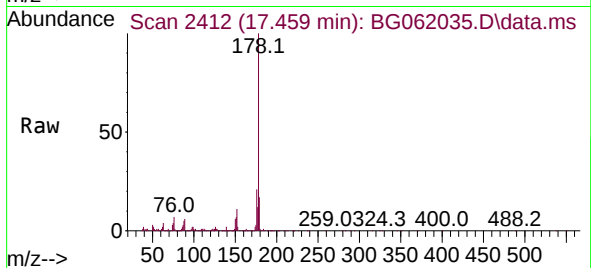
A4BR8

Tgt Ion:	178	Resp:	26746
Ion Ratio	Lower	Upper	
178	100		
179	17.0	11.9	17.9
176	20.6	15.5	23.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#74

Anthracene

Concen: 2.321 ng/ul

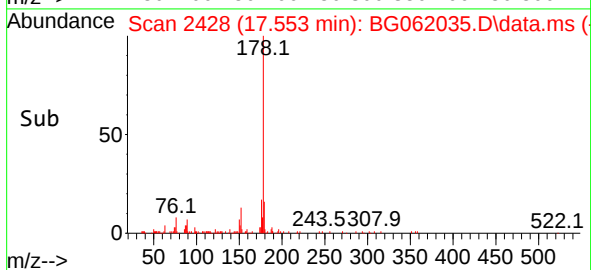
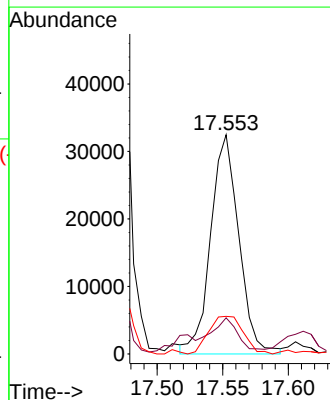
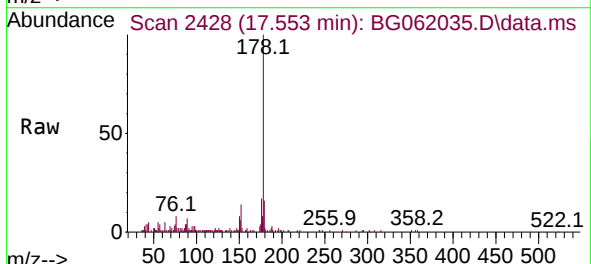
RT: 17.553 min Scan# 2428

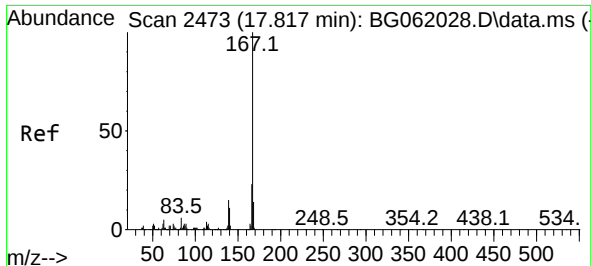
Delta R.T. -0.000 min

Lab File: BG062035.D

Acq: 12 Jul 2024 9:22

Tgt Ion:	178	Resp:	48508
Ion Ratio	Lower	Upper	
178	100		
179	16.5	11.9	17.9
176	17.2	14.7	22.1





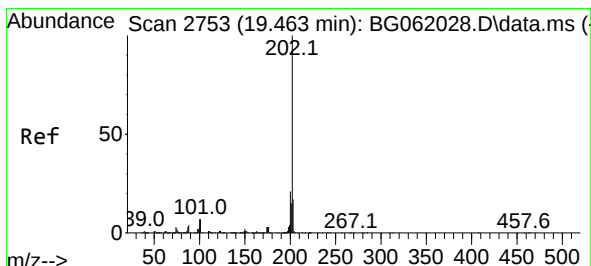
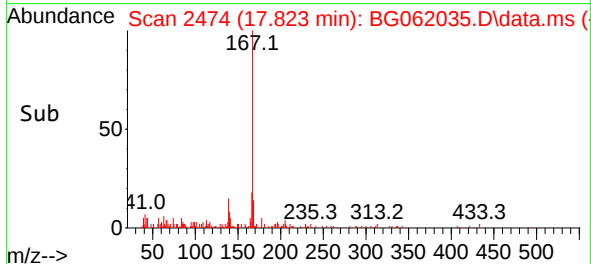
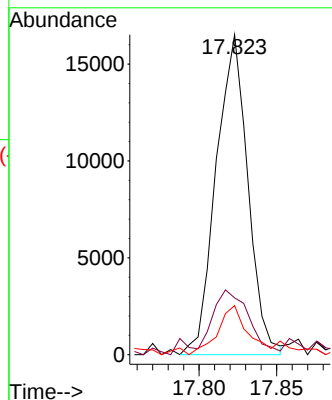
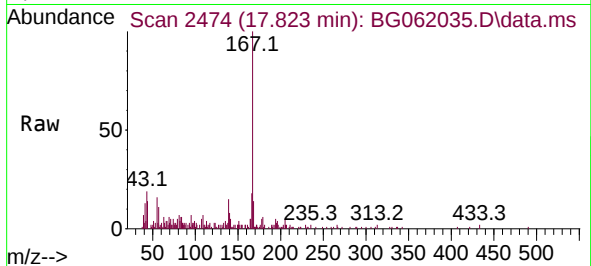
#77
 Carbazole
 Concen: 1.337 ng/ul
 RT: 17.823 min Scan# 2473
 Delta R.T. 0.005 min
 Lab File: BG062035.D
 Acq: 12 Jul 2024 9:22

Instrument :
 BNA_G
 ClientSampleId :
 A4BR8

Tgt Ion:167 Resp: 2351
 Ion Ratio Lower Upper
 167 100
 166 17.7 18.2 27.2
 139 15.3 9.6 14.4

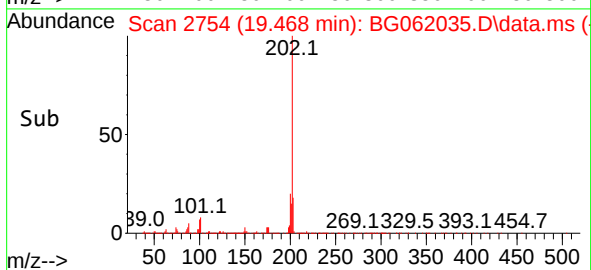
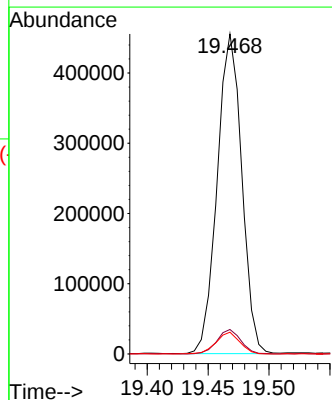
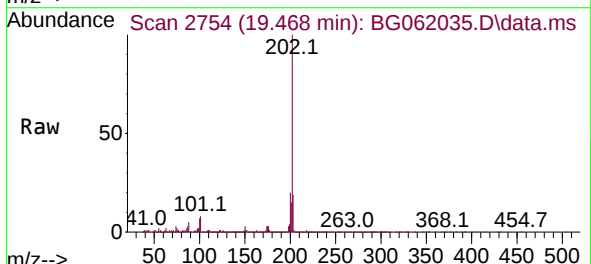
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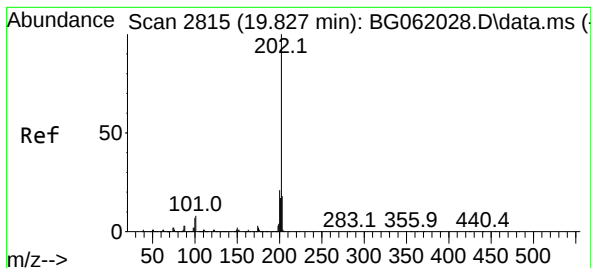
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



#80
 Fluoranthene
 Concen: 26.659 ng/ul
 RT: 19.468 min Scan# 2754
 Delta R.T. 0.005 min
 Lab File: BG062035.D
 Acq: 12 Jul 2024 9:22

Tgt Ion:202 Resp: 637776
 Ion Ratio Lower Upper
 202 100
 101 7.7 7.4 11.2
 100 6.8 6.6 10.0





#82

Pyrene

Concen: 13.713 ng/ul

RT: 19.826 min Scan# 2815

Delta R.T. -0.000 min

Lab File: BG062035.D

Acq: 12 Jul 2024 9:22

Instrument :

BNA_G

ClientSampleId :

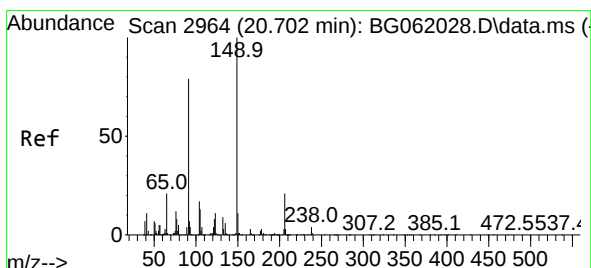
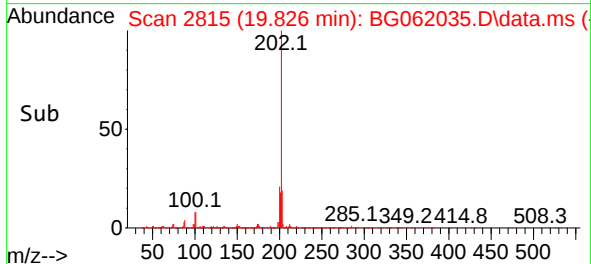
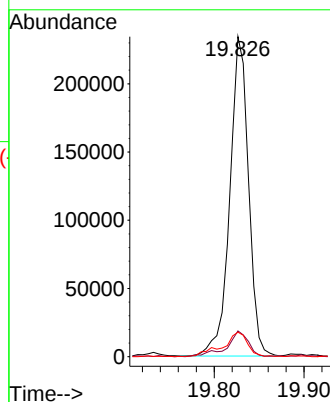
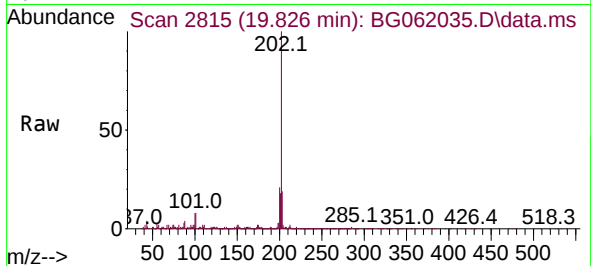
A4BR8

Tgt Ion:	202	Resp:	338870
Ion Ratio	Lower	Upper	
202	100		
101	8.1	8.8	13.2
100	7.6	7.6	11.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#83

Butylbenzylphthalate

Concen: 2.796 ng/ul

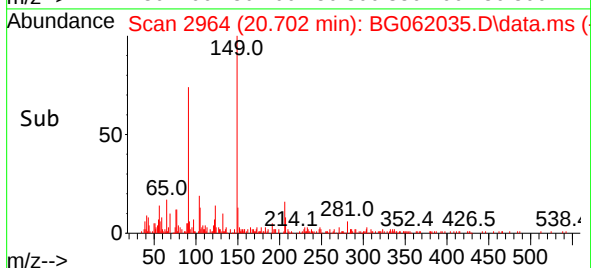
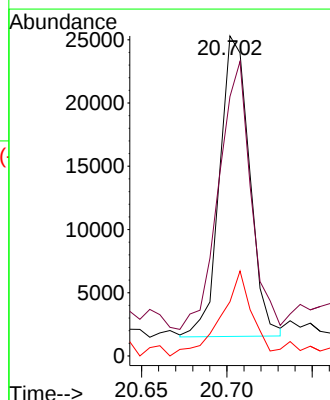
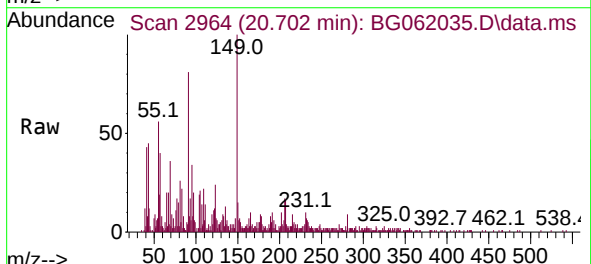
RT: 20.702 min Scan# 2964

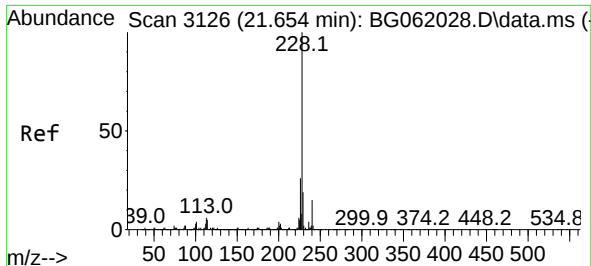
Delta R.T. -0.000 min

Lab File: BG062035.D

Acq: 12 Jul 2024 9:22

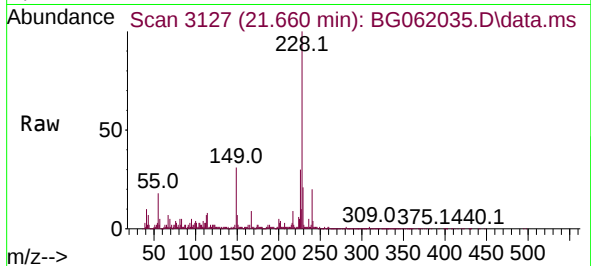
Tgt Ion:	149	Resp:	29001
Ion Ratio	Lower	Upper	
149	100		
91	81.0	60.6	91.0
206	16.9	14.6	21.8





#85
Benzo(a)anthracene
Concen: 12.049 ng/ul
RT: 21.660 min Scan# 3126
Delta R.T. 0.005 min
Lab File: BG062035.D
Acq: 12 Jul 2024 9:22

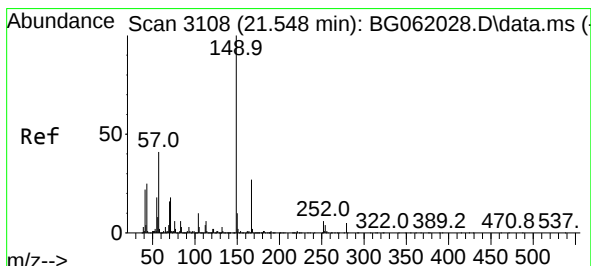
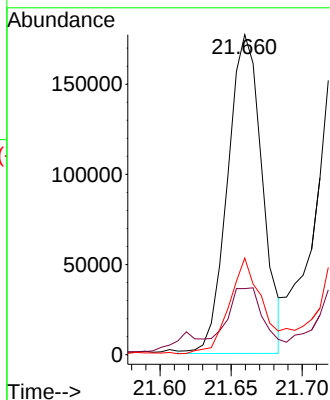
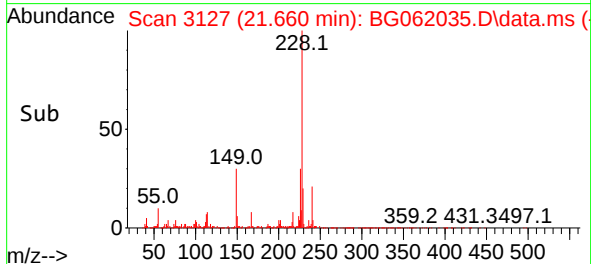
Instrument :
BNA_G
ClientSampleId :
A4BR8



Tgt Ion:228 Resp: 299820
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 30.2 21.7 32.5

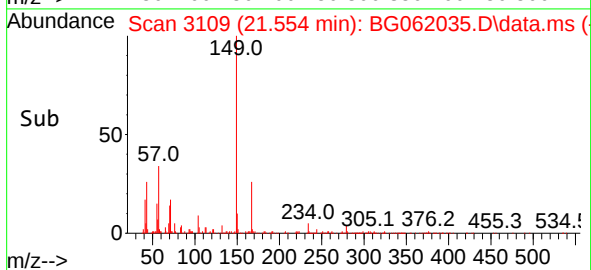
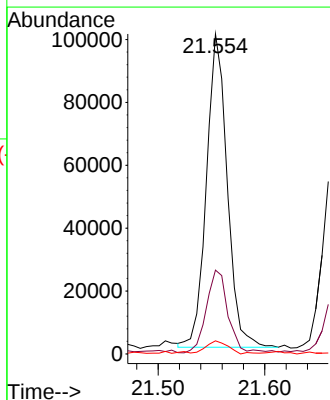
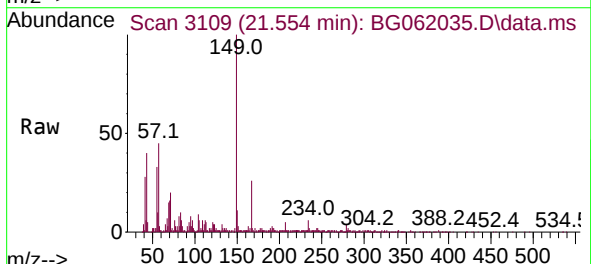
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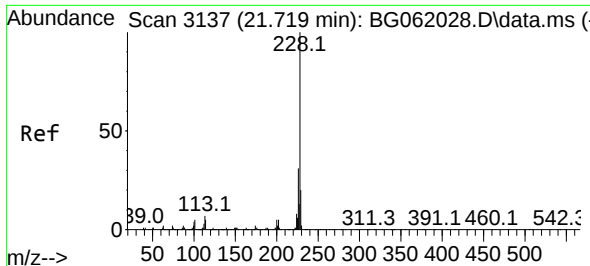
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 9.061 ng/ul
RT: 21.554 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BG062035.D
Acq: 12 Jul 2024 9:22

Tgt Ion:149 Resp: 134853
Ion Ratio Lower Upper
149 100
167 26.2 21.7 32.5
279 4.1 2.8 4.2





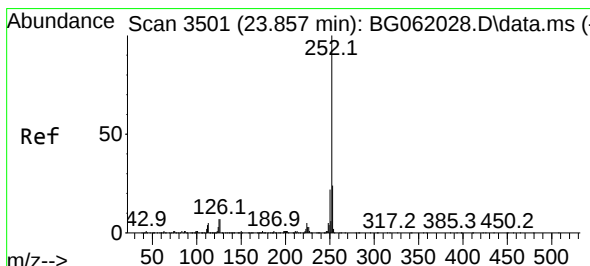
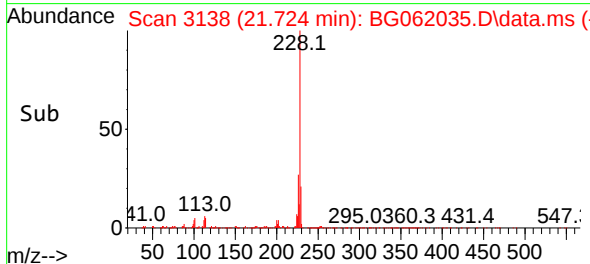
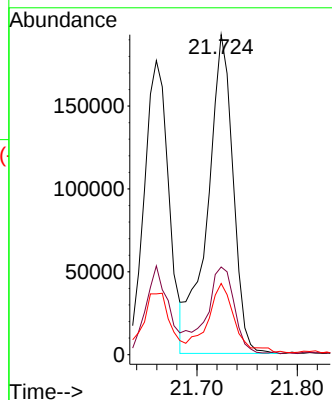
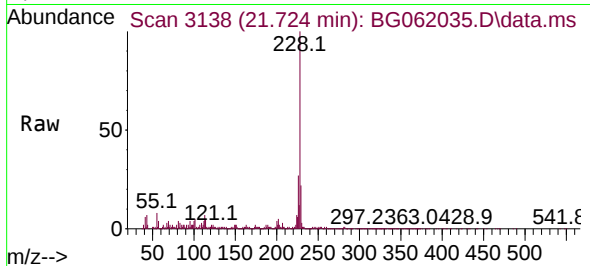
#87
Chrysene
Concen: 14.583 ng/ul
RT: 21.724 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BG062035.D
Acq: 12 Jul 2024 9:22

Instrument :
BNA_G
ClientSampleId :
A4BR8

Tgt Ion:228 Resp: 339710
Ion Ratio Lower Upper
228 100
226 27.4 23.3 34.9
229 22.3 15.5 23.3

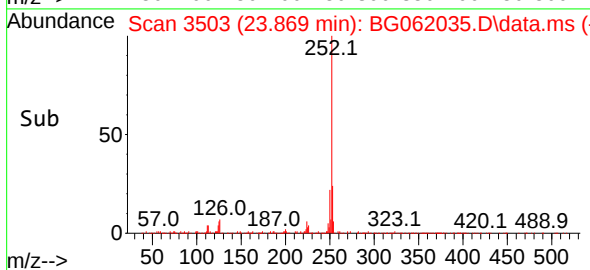
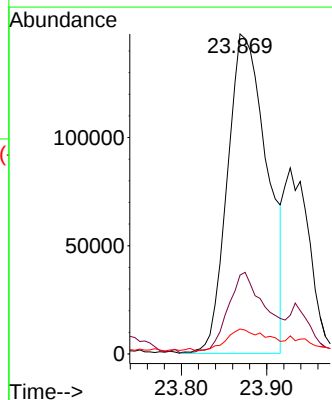
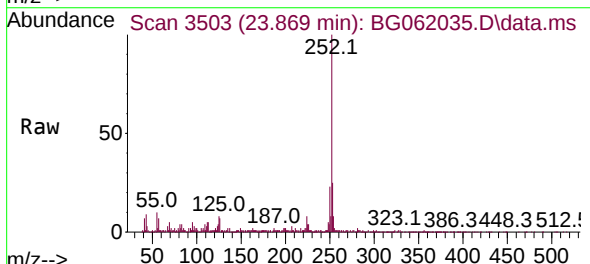
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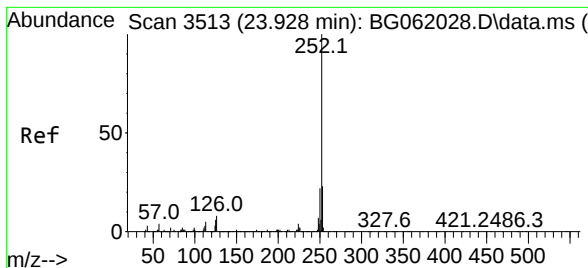
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#90
Benzo(b)fluoranthene
Concen: 18.502 ng/ul
RT: 23.869 min Scan# 3503
Delta R.T. 0.011 min
Lab File: BG062035.D
Acq: 12 Jul 2024 9:22

Tgt Ion:252 Resp: 477393
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 7.8 6.1 9.1





#91

Benzo(k)fluoranthene

Concen: 6.925 ng/ul m

RT: 23.927 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG062035.D

Acq: 12 Jul 2024 9:22

Instrument :

BNB_G

ClientSampleId :

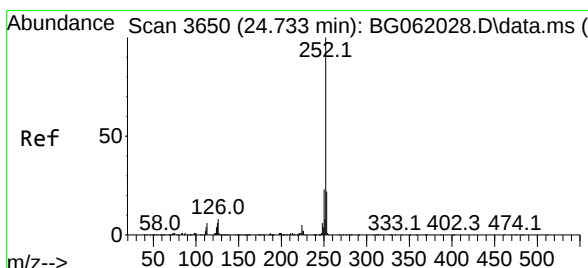
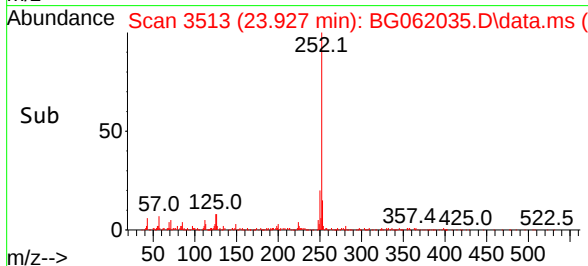
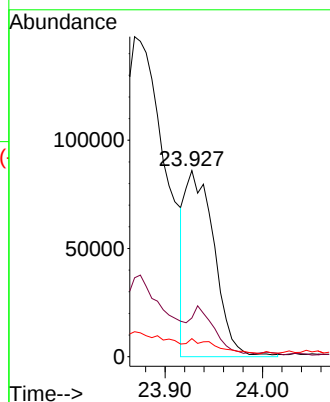
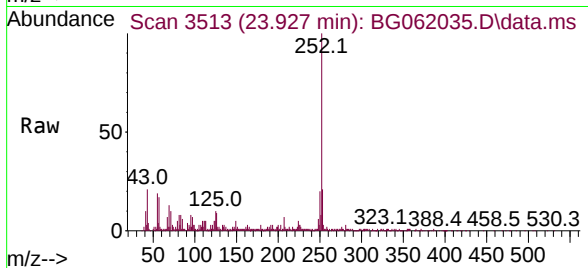
A4BR8

Tgt Ion:	252	Resp:	178178
Ion Ratio	Lower	Upper	
252	100		
253	20.8	19.3	28.9
125	9.7	6.3	9.5

Manual Integrations

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Supervised By :mohammad ahmed 07/15/2024



#93

Benzo(a)pyrene

Concen: 6.298 ng/ul

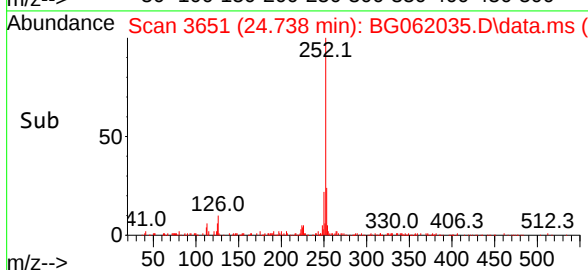
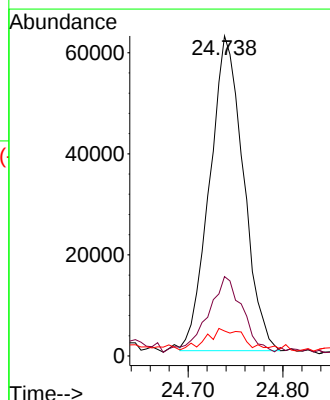
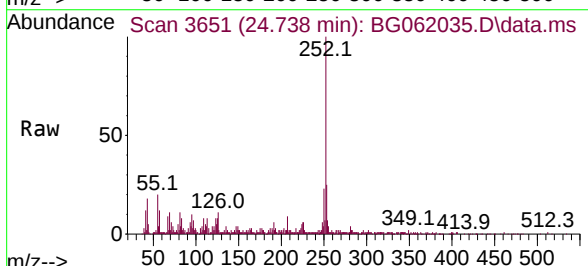
RT: 24.738 min Scan# 3651

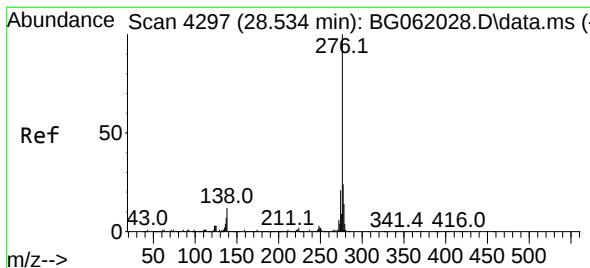
Delta R.T. 0.011 min

Lab File: BG062035.D

Acq: 12 Jul 2024 9:22

Tgt Ion:	252	Resp:	153884
Ion Ratio	Lower	Upper	
252	100		
253	24.8	16.5	24.7
125	7.8	7.4	11.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.355 ng/ul m

RT: 28.563 min Scan# 4311

Delta R.T. 0.029 min

Lab File: BG062035.D

Acq: 12 Jul 2024 9:22

Instrument :

BNA_G

ClientSampleId :

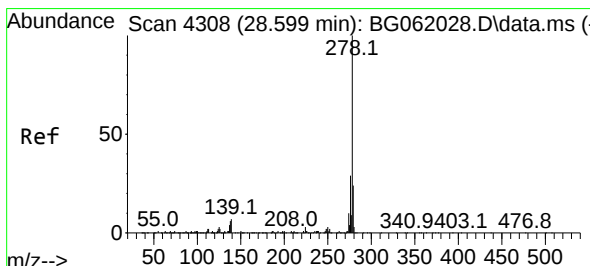
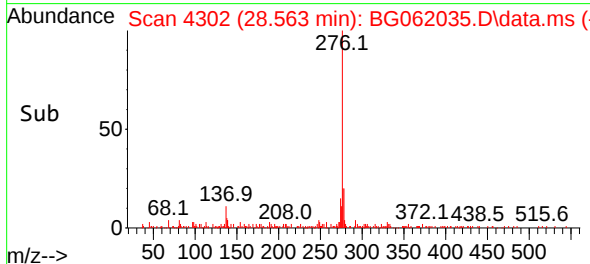
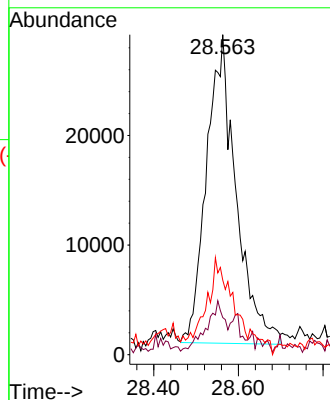
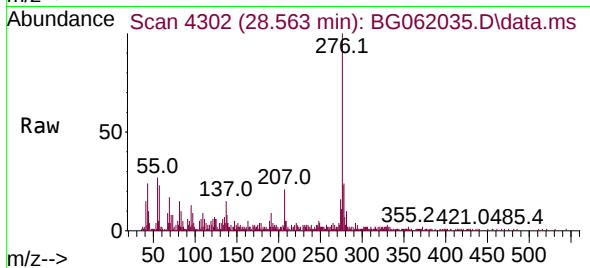
A4BR8

Tgt Ion:	276	Resp:	13598
Ion Ratio	Lower	Upper	
276	100		
138	8.0	11.9	17.9
277	23.3	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.554 ng/ul m

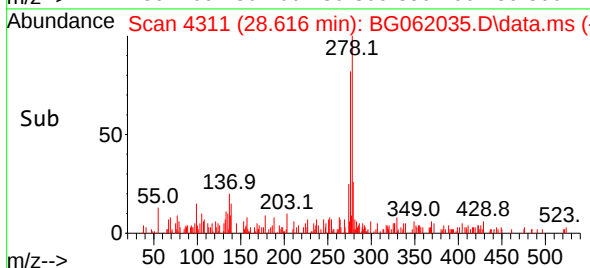
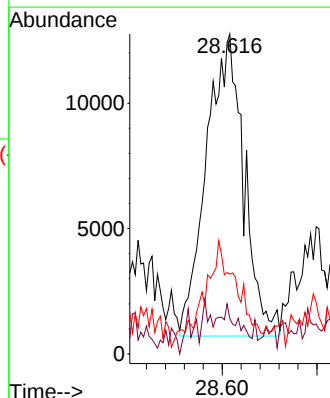
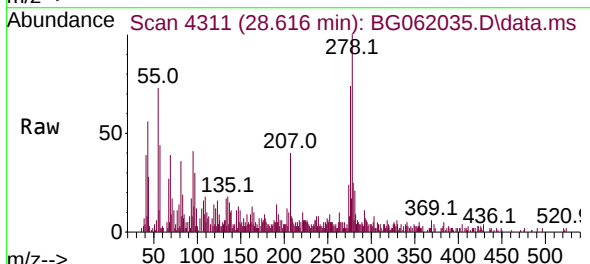
RT: 28.616 min Scan# 4311

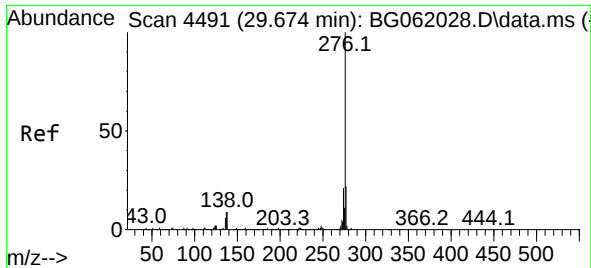
Delta R.T. 0.023 min

Lab File: BG062035.D

Acq: 12 Jul 2024 9:22

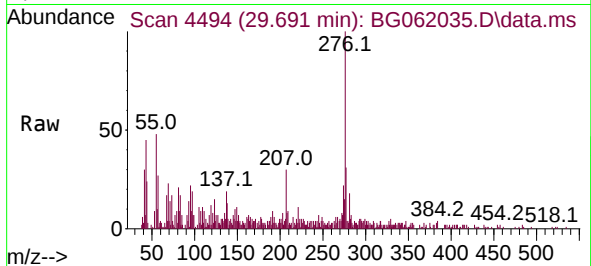
Tgt Ion:	278	Resp:	65854
Ion Ratio	Lower	Upper	
278	100		
139	11.1	7.6	11.4
279	24.9	18.8	28.2





#96
Benzo(g,h,i)perylene
Concen: 3.429 ng/ul m
RT: 29.691 min Scan# 44
Delta R.T. 0.023 min
Lab File: BG062035.D
Acq: 12 Jul 2024 9:22

Instrument :
BNA_G
ClientSampleId :
A4BR8



Tgt Ion:276 Resp: 8517
Ion Ratio Lower Upper
276 100
138 12.9 11.1 16.7
277 31.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

