

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061625.D
 Acq On : 21 Jun 2024 18:14
 Operator : MA/JU
 Sample : P2754-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BP6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 22:09:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	61856	20.000	ng/u1	0.00
20) Naphthalene-d8	10.884	136	287621	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	199368	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.441	188	456179	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	400139	20.000	ng/u1	0.00
88) Perylene-d12	24.933	264	476685	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	9886	5.773	ng/uL	0.00
4) Pyridine-d5	3.893	84	24069	4.649	ng/u1	0.00
7) Phenol-d5	7.212	99	184947	27.542	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	120815	28.861	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	136505	29.623	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	122244	23.548	ng/u1	0.00
21) Nitrobenzene-d5	9.239	128	65144	33.357	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	73144	36.980	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	154676	33.026	ng/u1	0.00
31) 4-Chloroaniline-d4	11.020	131	47378	6.682	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	542840	35.382	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	612484	36.428	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	82962	31.486	ng/u1	0.00
60) Fluorene-d10	15.691	176	495165	36.867	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.790	200	64396	33.013	ng/u1	0.00
73) Anthracene-d10	17.541	188	747405	35.894	ng/u1	0.00
81) Pyrene-d10	19.821	212	752792	33.681	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.715	264	582645	25.592	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.899	105	18049	2.112	ng/u1	95
72) Phenanthrene	17.483	178	266884	11.120	ng/u1	98
74) Anthracene	17.577	178	43898	1.789	ng/u1	97
77) Carbazole	17.841	167	28890	1.386	ng/u1#	96
80) Fluoranthene	19.486	202	629645	24.279	ng/u1	100
82) Pyrene	19.850	202	465871	16.895	ng/u1	99
85) Benzo(a)anthracene	21.689	228	277404	9.876	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.613	149	120846	8.188	ng/u1	96
87) Chrysene	21.754	228	330353	12.430	ng/u1	100
90) Benzo(b)fluoranthene	23.910	252	477619	16.668	ng/u1#	97
91) Benzo(k)fluoranthene	23.969	252	151398	5.137	ng/u1#	94
93) Benzo(a)pyrene	24.780	252	173421	6.286	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.605	276	173649m	5.051	ng/u1	
95) Dibenzo(a,h)anthracene	28.681	278	62395m	2.183	ng/u1	
96) Benzo(g,h,i)perylene	29.745	276	29802m	1.075	ng/u1	

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

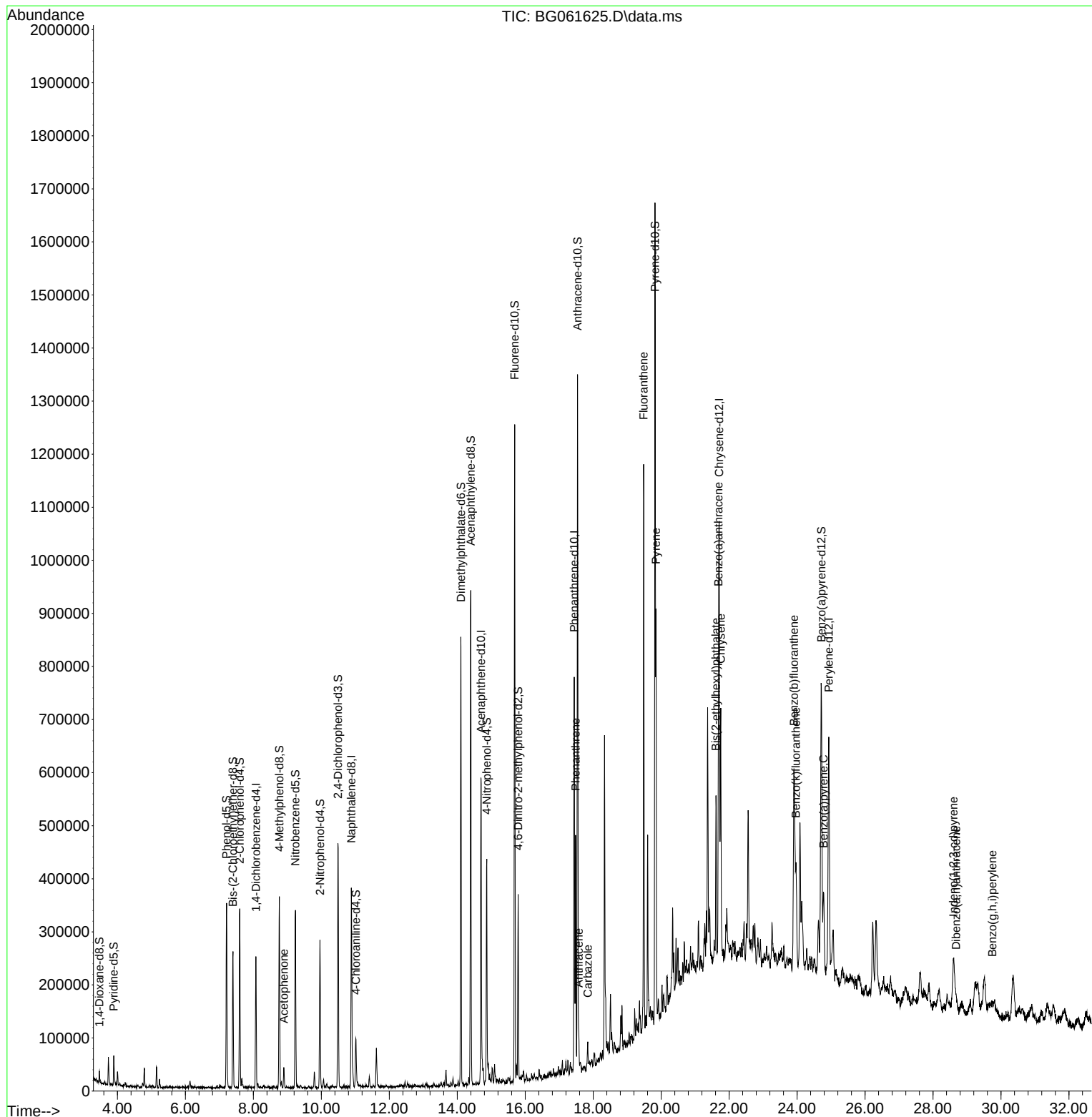
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
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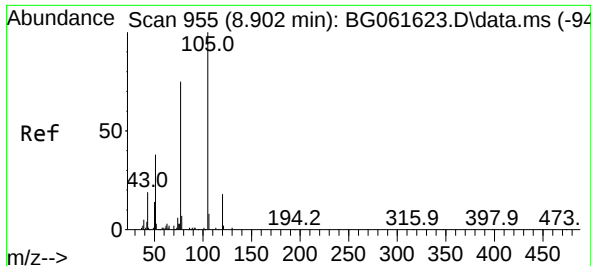
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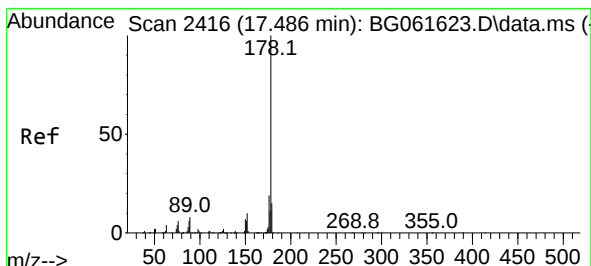
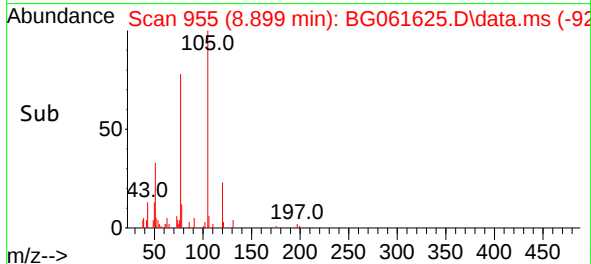
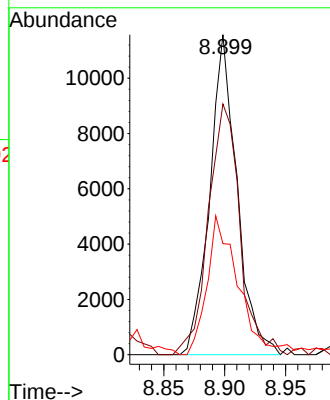
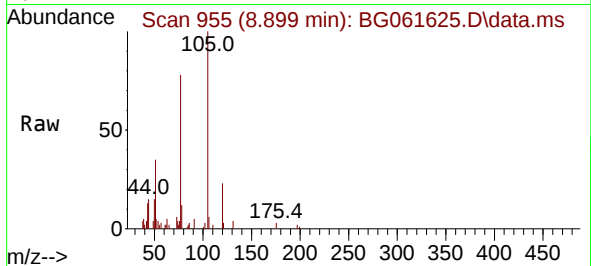
#16
Acetophenone
Concen: 2.112 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG061625.D
Acq: 21 Jun 2024 18:14

Instrument :
BNA_G
ClientSampleId :
A4BP6

Tgt Ion:105 Resp: 18049
Ion Ratio Lower Upper
105 100
77 78.4 60.4 90.6
51 34.7 31.1 46.7

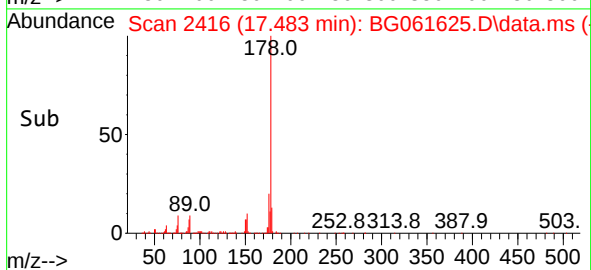
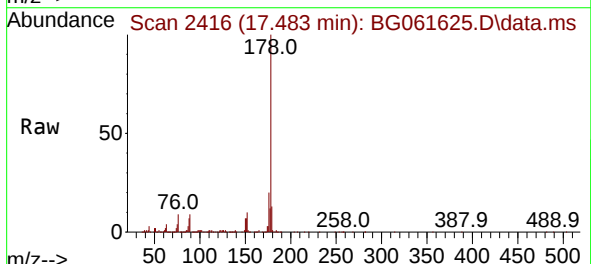
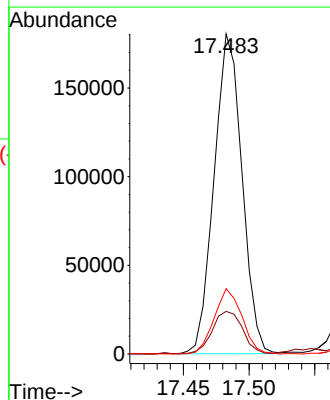
Manual Integrations
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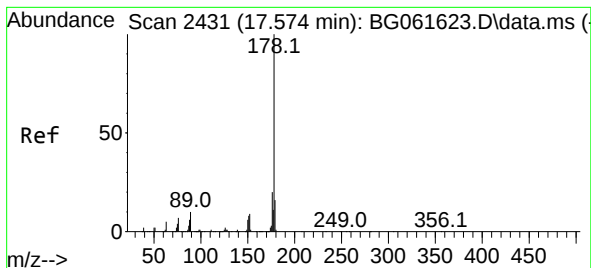
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#72
Phenanthrene
Concen: 11.120 ng/ul
RT: 17.483 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG061625.D
Acq: 21 Jun 2024 18:14

Tgt Ion:178 Resp: 266884
Ion Ratio Lower Upper
178 100
179 13.3 12.0 18.0
176 20.4 16.2 24.2





#74

Anthracene

Concen: 1.789 ng/ul

RT: 17.577 min Scan# 2431

Delta R.T. -0.000 min

Lab File: BG061625.D

Acq: 21 Jun 2024 18:14

Instrument :

BNA_G

ClientSampleId :

A4BP6

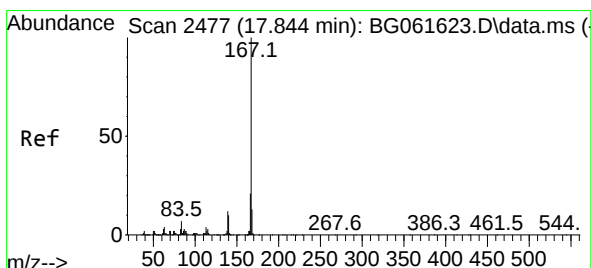
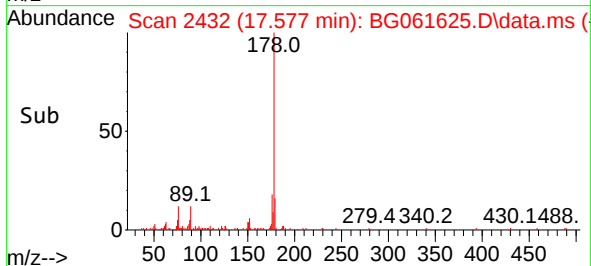
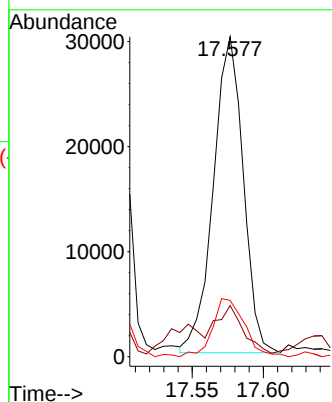
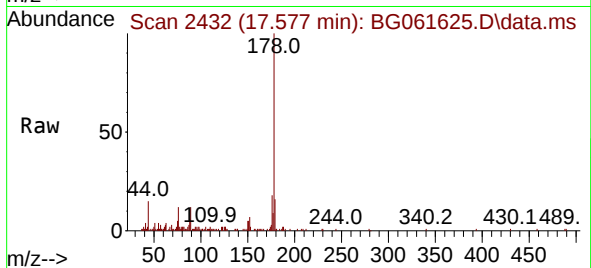
Tgt Ion:178	Resp:	4389
Ion Ratio	Lower	Upper
178	100	
179	15.9	11.4 17.2
176	17.6	14.7 22.1

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#77

Carbazole

Concen: 1.386 ng/ul

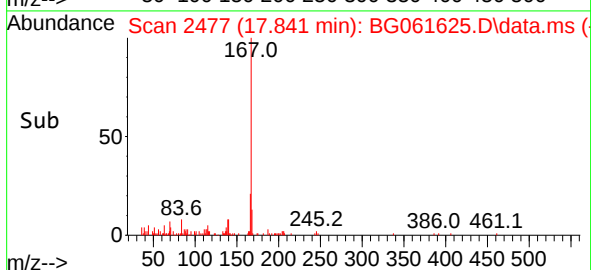
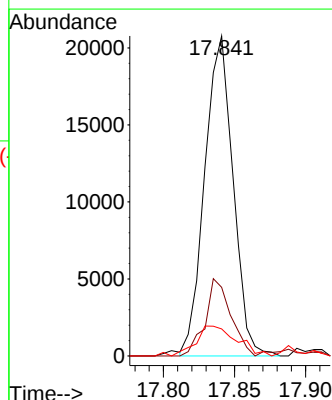
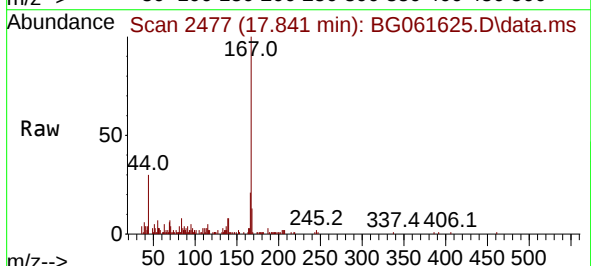
RT: 17.841 min Scan# 2477

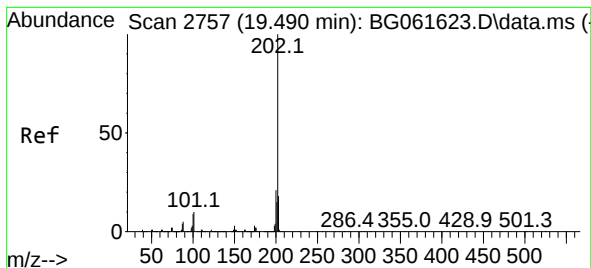
Delta R.T. -0.000 min

Lab File: BG061625.D

Acq: 21 Jun 2024 18:14

Tgt Ion:167	Resp:	28890
Ion Ratio	Lower	Upper
167	100	
166	21.4	17.5 26.3
139	8.5	9.4 14.2





#80

Fluoranthene

Concen: 24.279 ng/ul

RT: 19.486 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG061625.D

Acq: 21 Jun 2024 18:14

Instrument :

BNA_G

ClientSampleId :

A4BP6

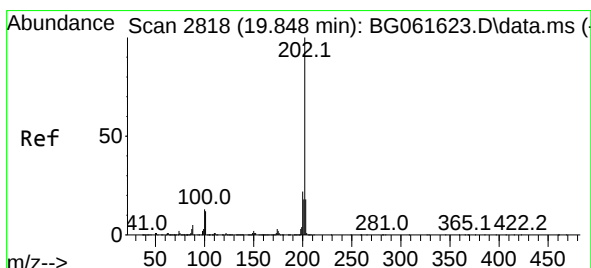
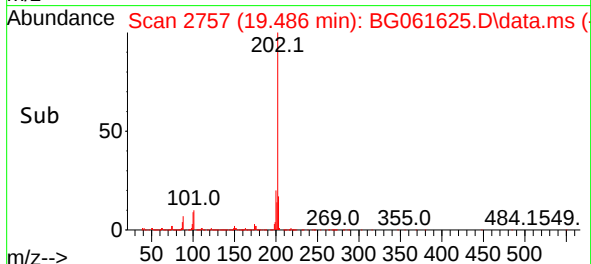
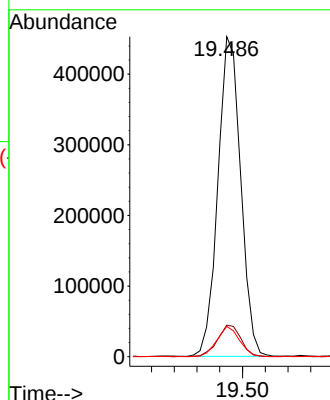
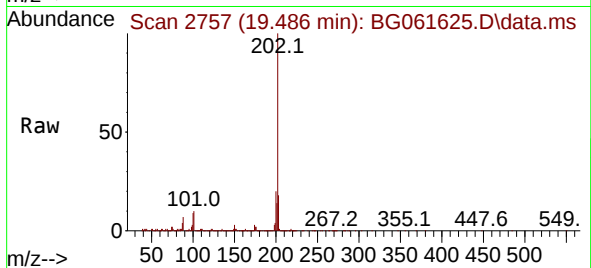
Tgt Ion:	202	Resp:	62964
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.8	11.6
100	9.5	7.7	11.5

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#82

Pyrene

Concen: 16.895 ng/ul

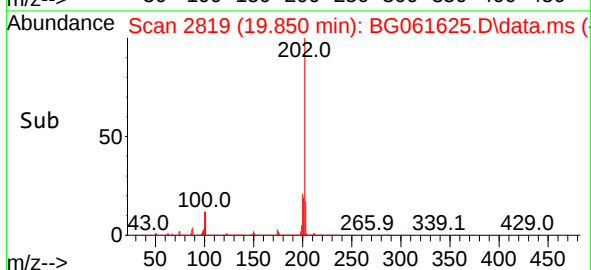
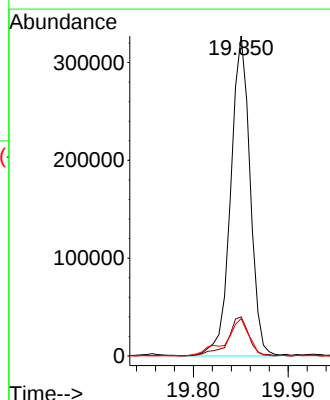
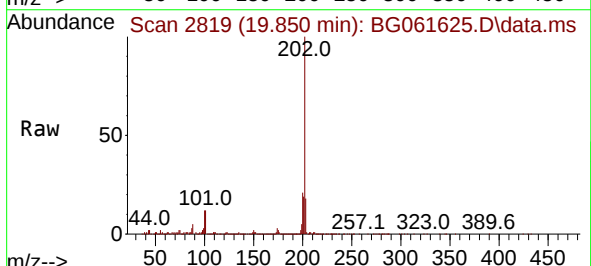
RT: 19.850 min Scan# 2819

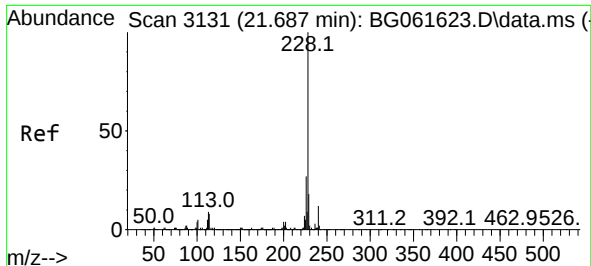
Delta R.T. -0.000 min

Lab File: BG061625.D

Acq: 21 Jun 2024 18:14

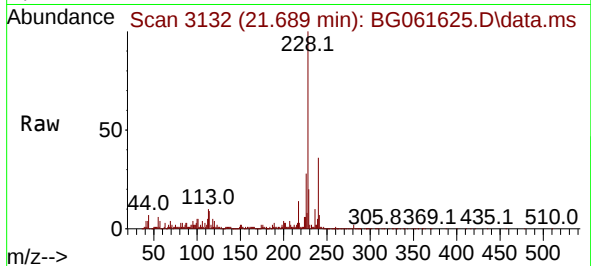
Tgt Ion:	202	Resp:	465871
Ion Ratio	Lower	Upper	
202	100		
101	12.2	10.1	15.1
100	11.6	9.9	14.9





#85
Benzo(a)anthracene
Concen: 9.876 ng/ul
RT: 21.689 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BG061625.D
Acq: 21 Jun 2024 18:14

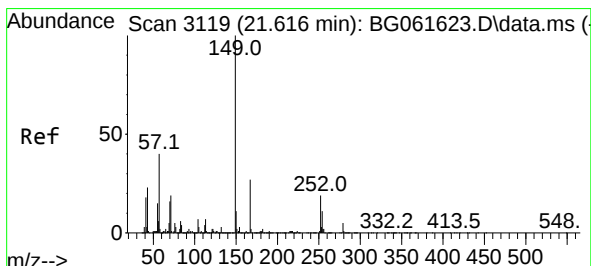
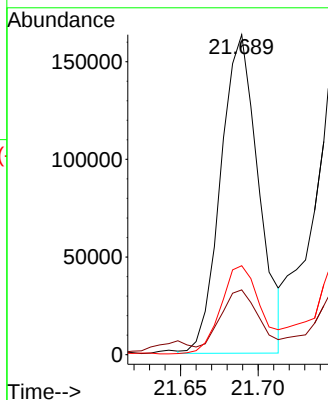
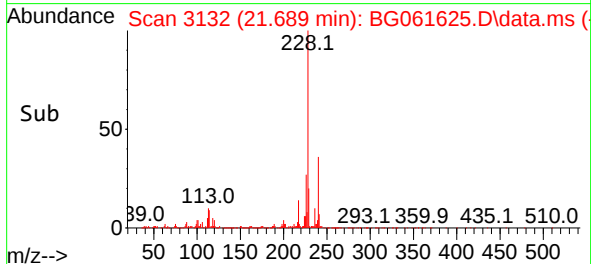
Instrument :
BNA_G
ClientSampleId :
A4BP6



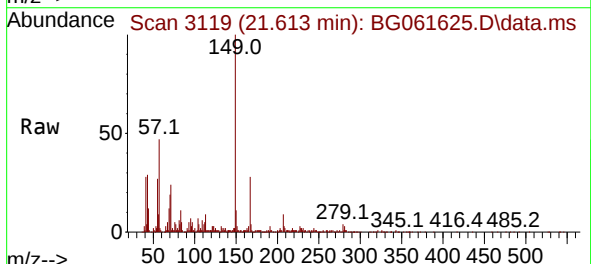
Tgt Ion:228 Resp: 277404
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 27.8 21.4 32.2

Manual Integrations
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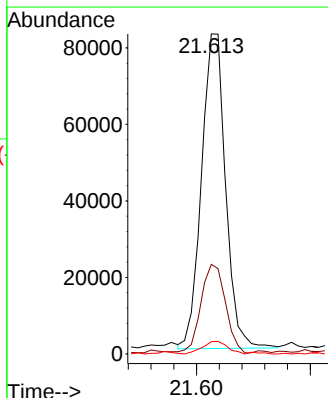
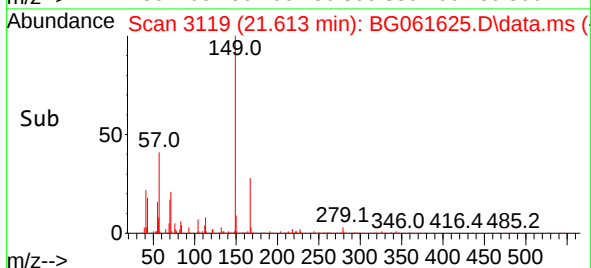
Reviewed By :Yogesh Patel 06/24/2024
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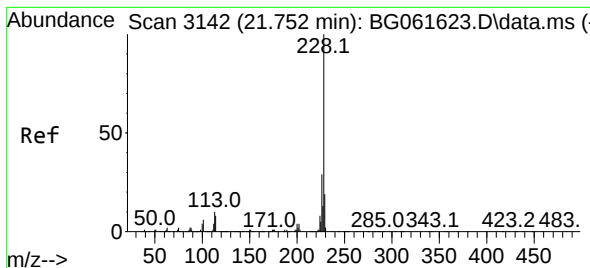


#86
Bis(2-ethylhexyl)phthalate
Concen: 8.188 ng/ul
RT: 21.613 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BG061625.D
Acq: 21 Jun 2024 18:14



Tgt Ion:149 Resp: 120846
Ion Ratio Lower Upper
149 100
167 28.0 20.5 30.7
279 3.8 2.9 4.3





#87

Chrysene

Concen: 12.430 ng/ul

RT: 21.754 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BG061625.D

Acq: 21 Jun 2024 18:14

Instrument :

BNA_G

ClientSampleId :

A4BP6

Tgt Ion:228 Resp: 33035

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

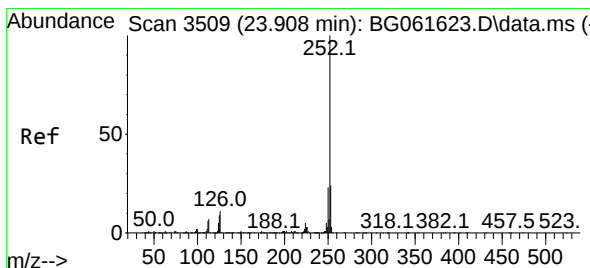
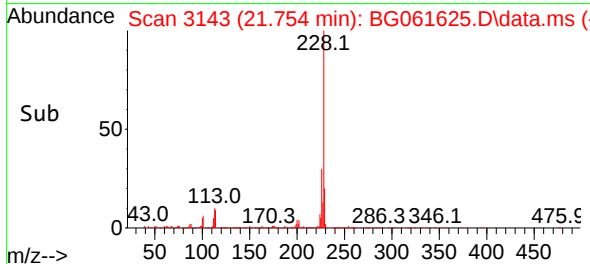
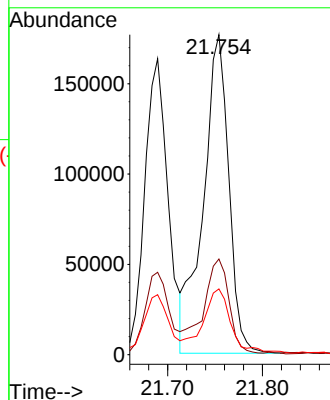
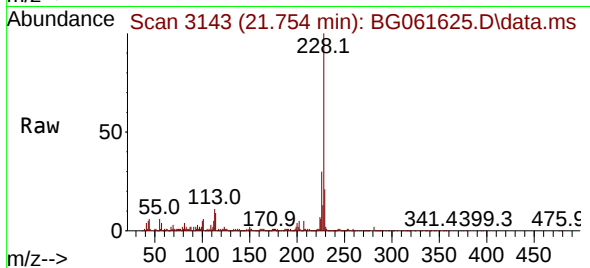
229 20.6 16.5 24.7

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#90

Benzo(b)fluoranthene

Concen: 16.668 ng/ul

RT: 23.910 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BG061625.D

Acq: 21 Jun 2024 18:14

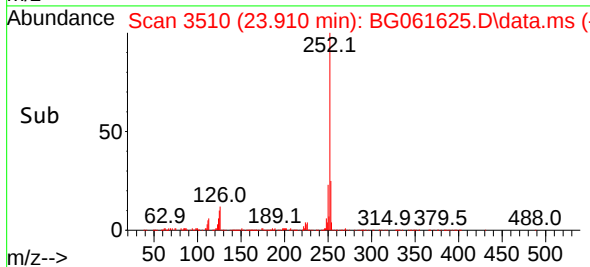
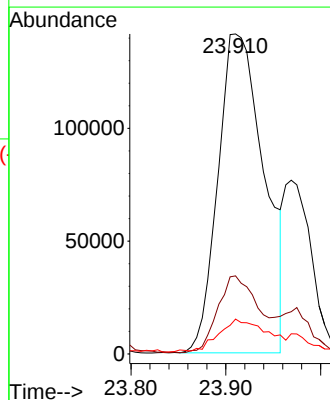
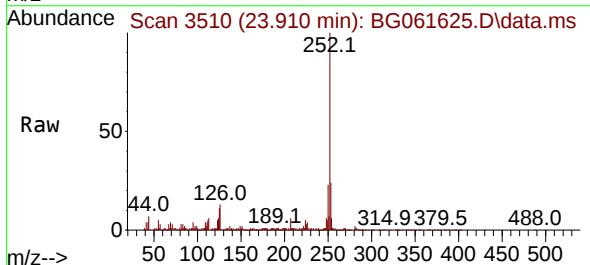
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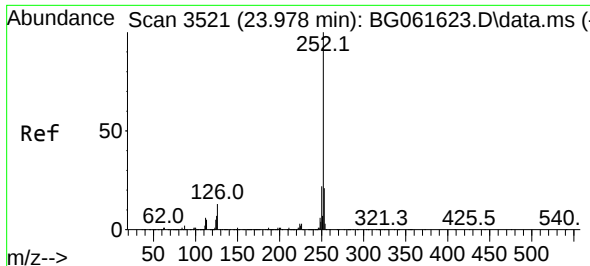
Ion Ratio Lower Upper

252 100

253 24.4 18.6 27.8

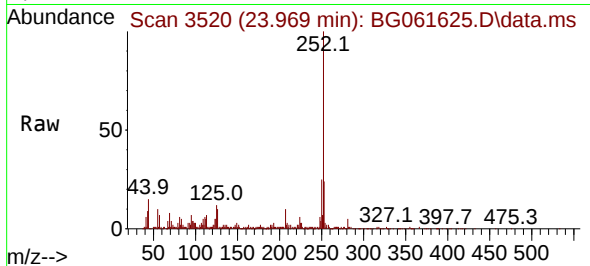
125 10.9 7.0 10.6#





#91
Benzo(k)fluoranthene
Concen: 5.137 ng/ul
RT: 23.969 min Scan# 3520
Delta R.T. -0.012 min
Lab File: BG061625.D
Acq: 21 Jun 2024 18:14

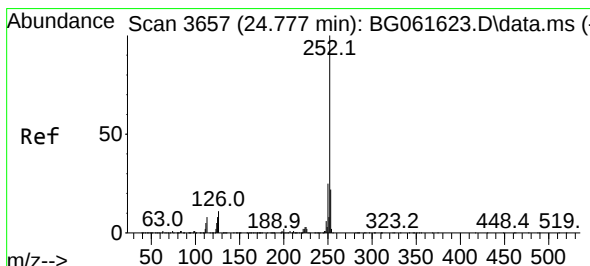
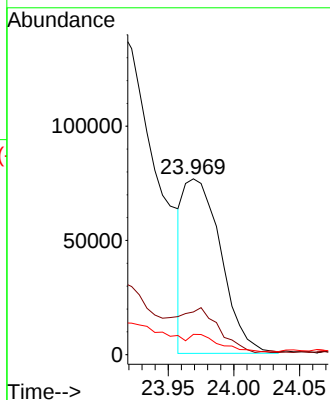
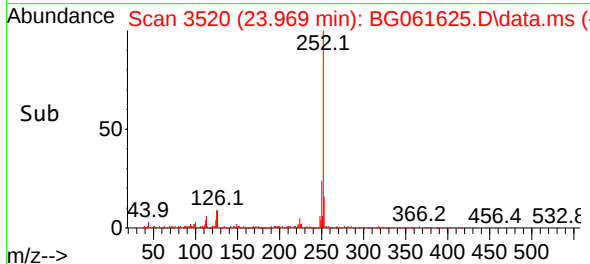
Instrument :
BNA_G
ClientSampleId :
A4BP6



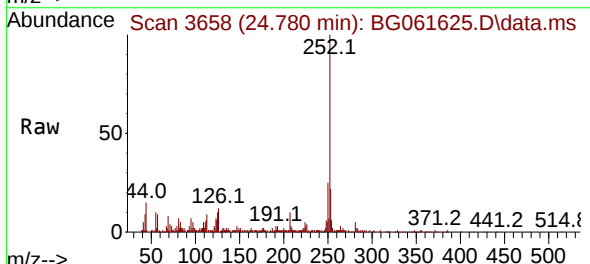
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Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 11.6 6.2 9.2

Manual Integrations
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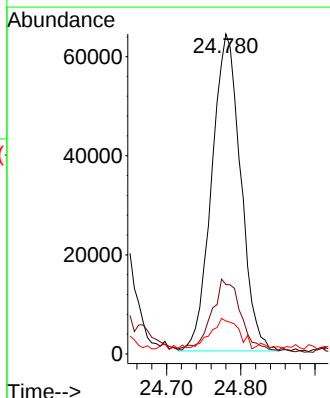
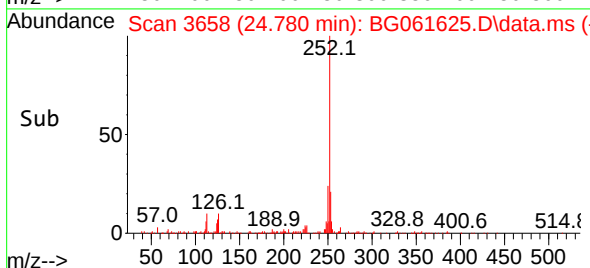
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

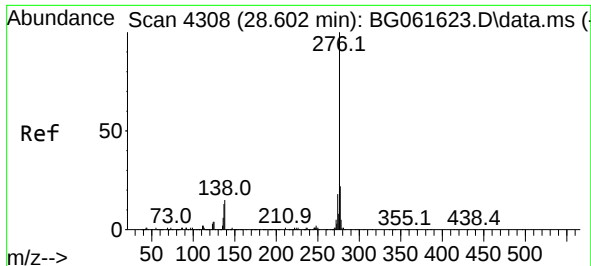


#93
Benzo(a)pyrene
Concen: 6.286 ng/ul
RT: 24.780 min Scan# 3658
Delta R.T. -0.012 min
Lab File: BG061625.D
Acq: 21 Jun 2024 18:14



Tgt Ion:252 Resp: 173421
Ion Ratio Lower Upper
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253 21.7 16.8 25.2
125 10.3 6.5 9.7





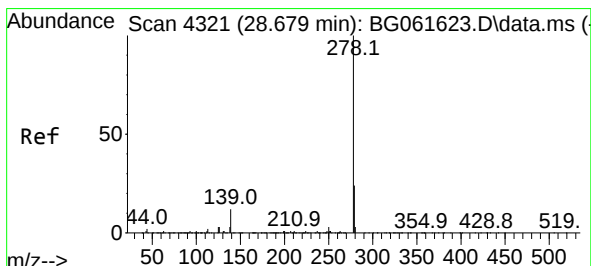
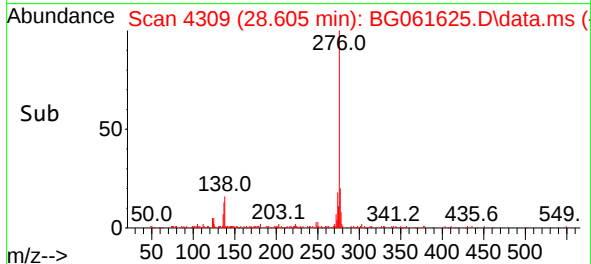
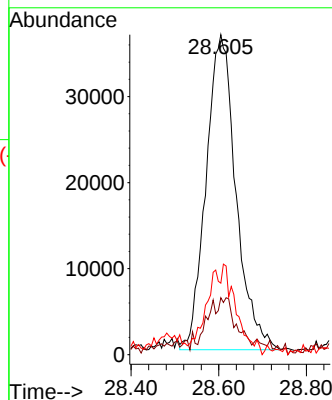
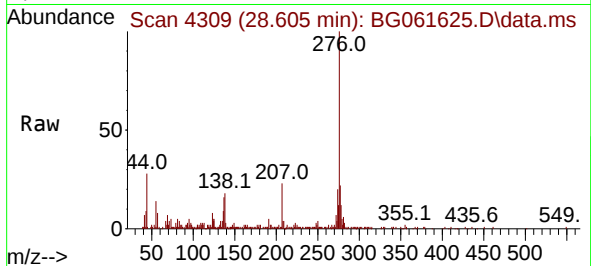
#94
Indeno(1,2,3-cd)pyrene
Concen: 5.051 ng/ul m
RT: 28.605 min Scan# 4308
Delta R.T. -0.012 min
Lab File: BG061625.D
Acq: 21 Jun 2024 18:14

Instrument :
BNA_G
ClientSampleId :
A4BP6

Tgt Ion:276 Resp: 173649
Ion Ratio Lower Upper
276 100
138 17.8 12.2 18.4
277 22.3 19.7 29.5

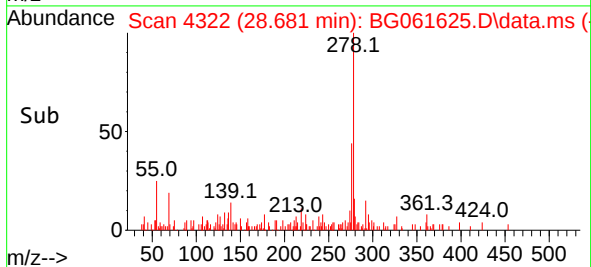
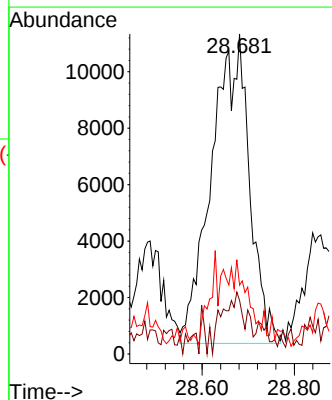
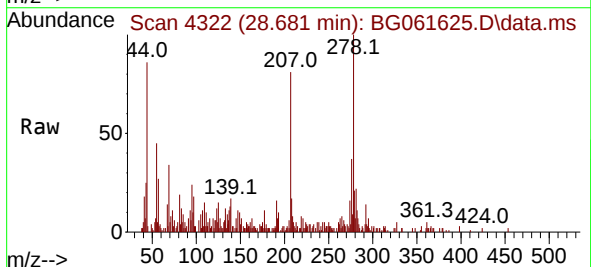
Manual Integrations
APPROVED

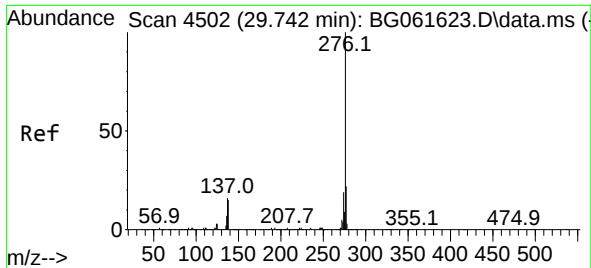
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#95
Dibenzo(a,h)anthracene
Concen: 2.183 ng/ul m
RT: 28.681 min Scan# 4322
Delta R.T. -0.018 min
Lab File: BG061625.D
Acq: 21 Jun 2024 18:14

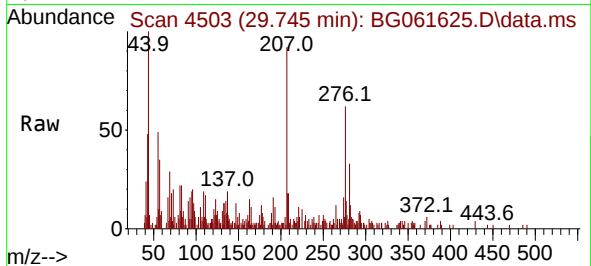
Tgt Ion:278 Resp: 62395
Ion Ratio Lower Upper
278 100
139 16.7 9.1 13.7#
279 21.5 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.075 ng/ul m
 RT: 29.745 min Scan# 4
 Delta R.T. -0.012 min
 Lab File: BG061625.D
 Acq: 21 Jun 2024 18:14

Instrument :
 BNA_G
 ClientSampleId :
 A4BP6



Tgt Ion:276 Resp: 2980
 Ion Ratio Lower Upper
 276 100
 138 11.1 12.2 18.4
 277 22.7 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

