

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063824.D
 Acq On : 24 Dec 2024 17:58
 Operator : RC/JU
 Sample : P5333-04
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2907

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 01:48:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	105182	20.000	ng/u1	0.00
20) Naphthalene-d8	10.585	136	464745	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	376837	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	884873	20.000	ng/u1	0.00
79) Chrysene-d12	21.437	240	863662	20.000	ng/u1	0.00
88) Perylene-d12	24.451	264	917477	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13130	4.892	ng/uL	0.00
4) Pyridine-d5	3.669	84	210077	24.811	ng/u1	0.00
7) Phenol-d5	6.983	99	306639	31.654	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	192082	28.709	ng/u1	0.00
11) 2-Chlorophenol-d4	7.336	132	189177	30.164	ng/u1	0.00
15) 4-Methylphenol-d8	8.517	113	223783	29.754	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	105257	31.720	ng/u1	0.00
24) 2-Nitrophenol-d4	9.674	143	126378	33.976	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	228027	31.663	ng/u1	0.00
31) 4-Chloroaniline-d4	10.726	131	204650	22.381	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	811139	31.633	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	837969	28.668	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	107325	29.541	ng/u1	0.00
60) Fluorene-d10	15.438	176	619861	27.341	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	89162	19.407	ng/u1	0.00
73) Anthracene-d10	17.289	188	1055439	27.743	ng/u1	0.00
81) Pyrene-d10	19.592	212	1081387	24.061	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.245	264	875930	20.330	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.013	94	13656	1.323	ng/u1	94
52) Acenaphthene	14.504	153	22830	1.028	ng/u1#	87
56) Dibenzofuran	14.845	168	33180	1.059	ng/u1	93
72) Phenanthrene	17.236	178	603424	14.151	ng/u1	98
74) Anthracene	17.324	178	48179	1.116	ng/u1	99
77) Carbazole	17.600	167	47874	1.370	ng/u1#	92
80) Fluoranthene	19.257	202	722884	14.152	ng/u1	98
82) Pyrene	19.615	202	567720	10.446	ng/u1#	95
85) Benzo(a)anthracene	21.419	228	225222	4.161	ng/u1	95
87) Chrysene	21.484	228	280229	5.432	ng/u1	95
90) Benzo(b)fluoranthene	23.505	252	329979	6.328	ng/u1	97
91) Benzo(k)fluoranthene	23.552	252	124121	2.386	ng/u1	97
93) Benzo(a)pyrene	24.310	252	181433	3.707	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	27.847	276	153925m	2.575	ng/u1	
96) Benzo(g,h,i)perylene	28.910	276	142696m	3.008	ng/u1	

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

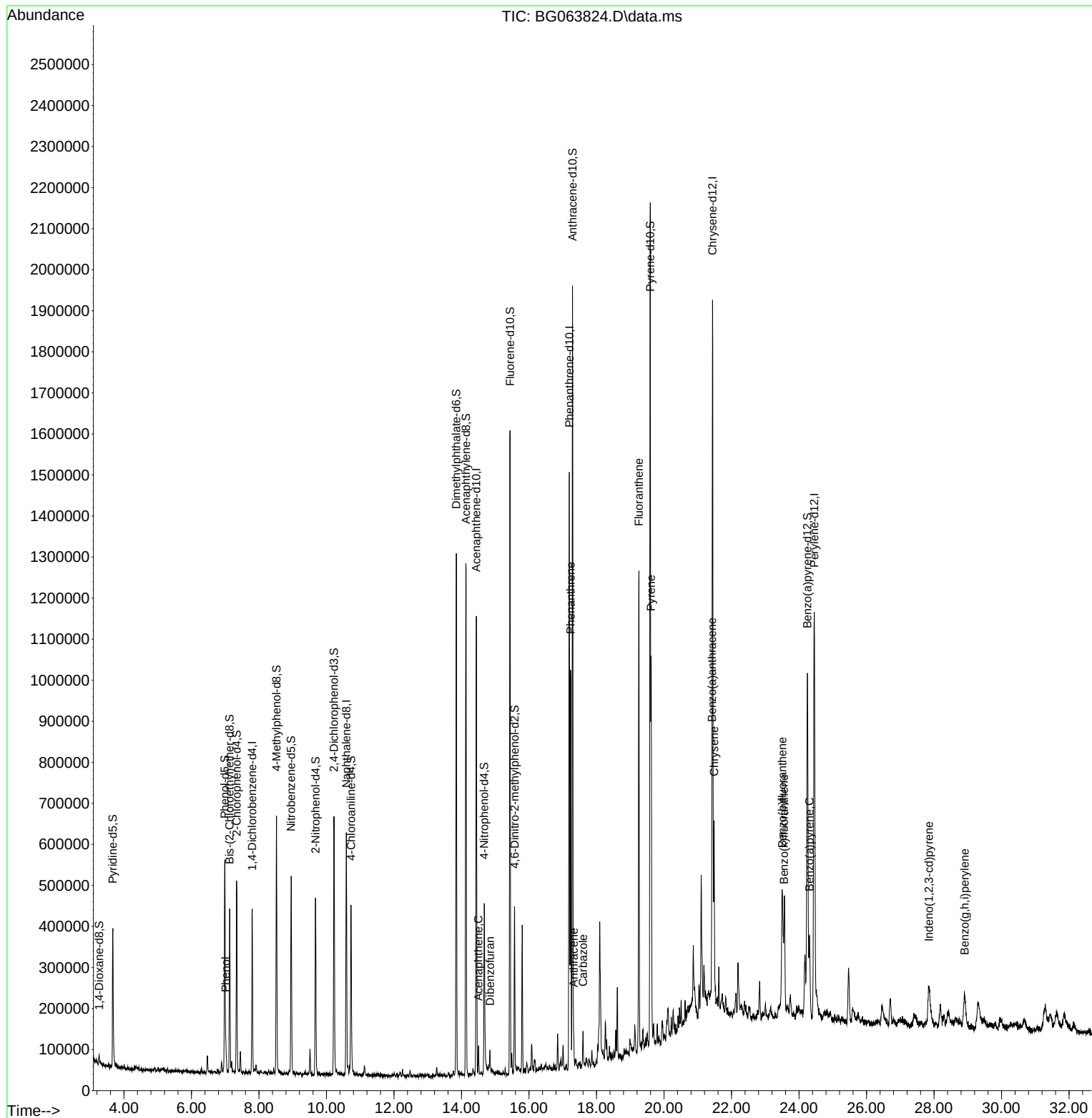
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063824.D
 Acq On : 24 Dec 2024 17:58
 Operator : RC/JU
 Sample : P5333-04
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

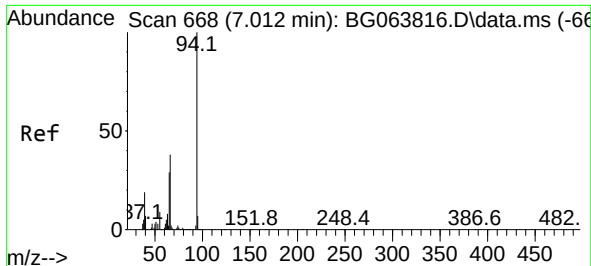
Instrument :
 BNA_G
 ClientSampleId :
 E2907

Quant Time: Dec 25 01:48:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024





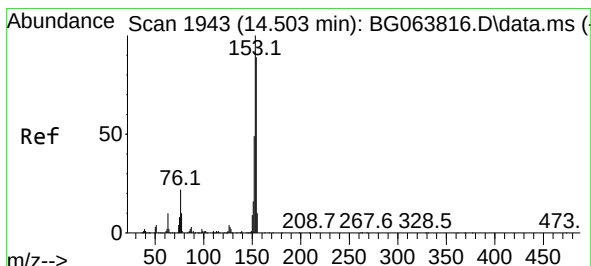
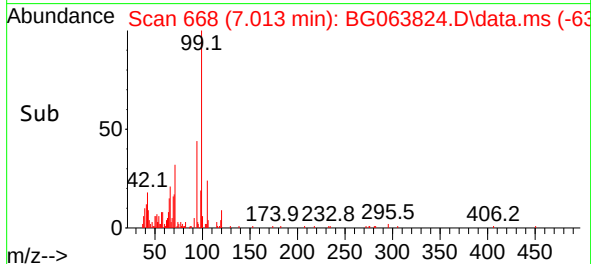
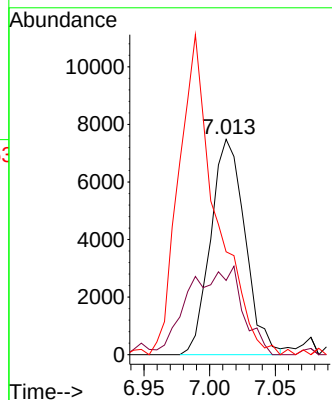
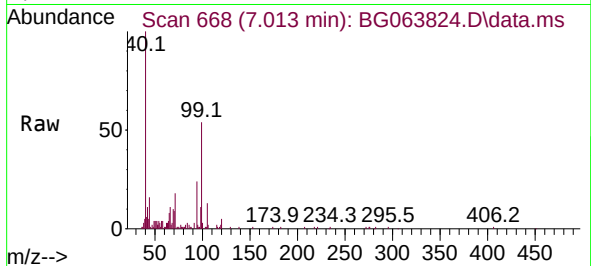
#8
Phenol
Concen: 1.323 ng/ul
RT: 7.013 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG063824.D
Acq: 24 Dec 2024 17:58

Instrument :
BNA_G
ClientSampleId :
E2907

Tgt Ion: 94 Resp: 13650
Ion Ratio Lower Upper
94 100
65 34.5 25.6 38.4
66 47.8 34.2 51.2

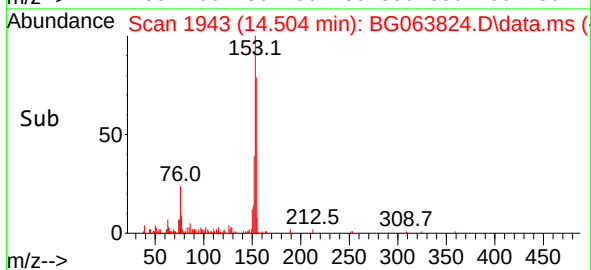
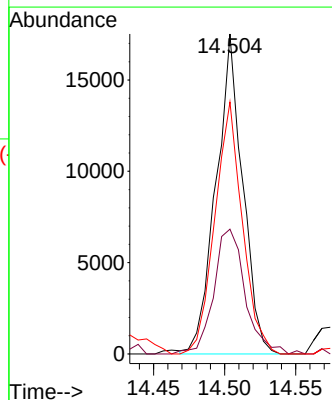
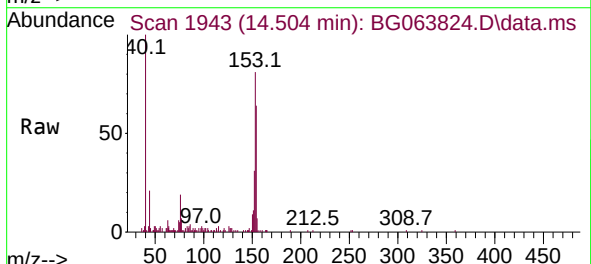
Manual Integrations
APPROVED

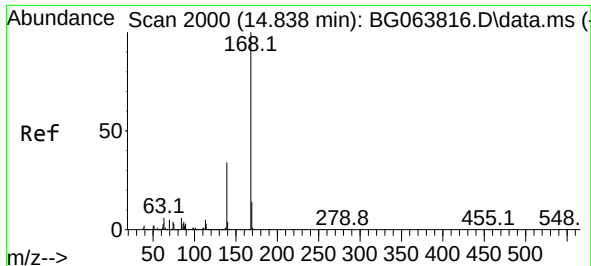
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#52
Acenaphthene
Concen: 1.028 ng/ul
RT: 14.504 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BG063824.D
Acq: 24 Dec 2024 17:58

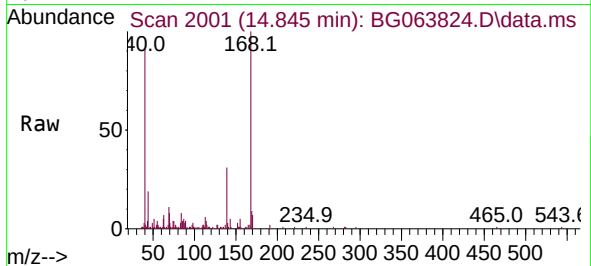
Tgt Ion:153 Resp: 22830
Ion Ratio Lower Upper
153 100
152 39.0 40.2 60.4#
154 78.7 70.8 106.2





#56
Dibenzenofuran
Concen: 1.059 ng/ul
RT: 14.845 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BG063824.D
Acq: 24 Dec 2024 17:58

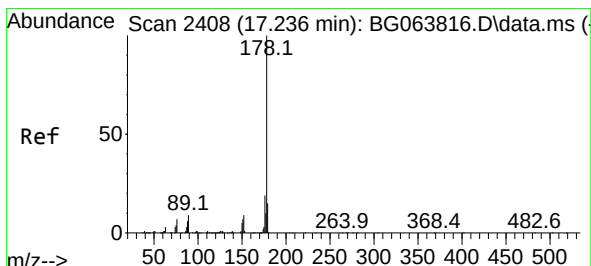
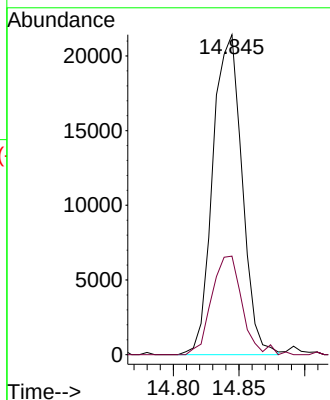
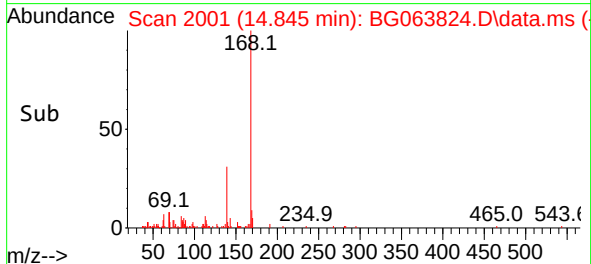
Instrument :
BNA_G
ClientSampleId :
E2907



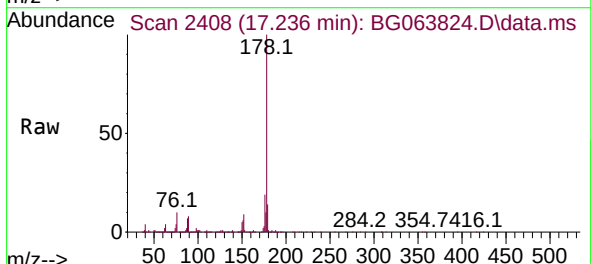
Tgt Ion:168 Resp: 33180
Ion Ratio Lower Upper
168 100
139 30.8 27.8 41.8

Manual Integrations
APPROVED

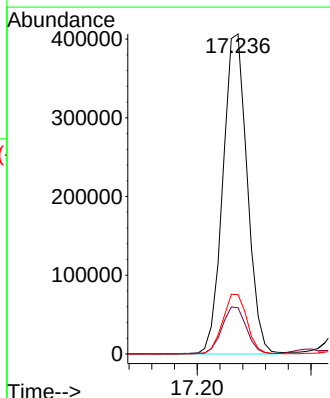
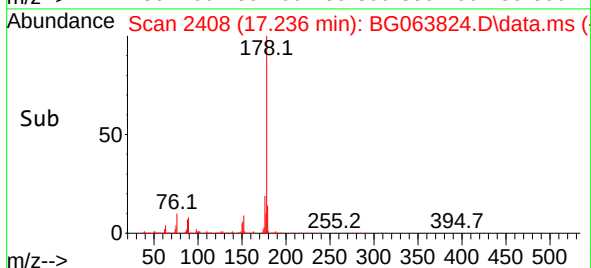
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

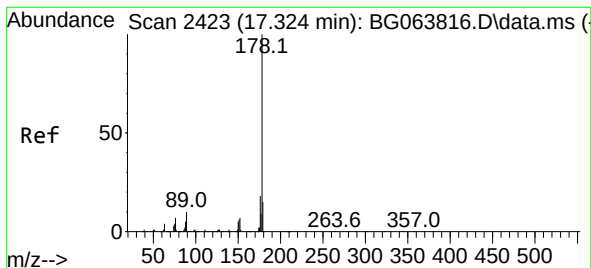


#72
Phenanthrene
Concen: 14.151 ng/ul
RT: 17.236 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BG063824.D
Acq: 24 Dec 2024 17:58



Tgt Ion:178 Resp: 603424
Ion Ratio Lower Upper
178 100
179 14.5 12.2 18.2
176 18.5 15.8 23.6





#74

Anthracene

Concen: 1.116 ng/ul

RT: 17.324 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BG063824.D

Acq: 24 Dec 2024 17:58

Instrument :

BNA_G

ClientSampleId :

E2907

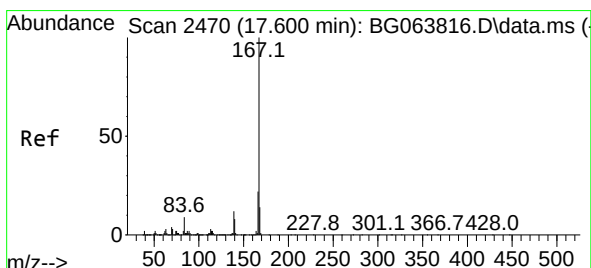
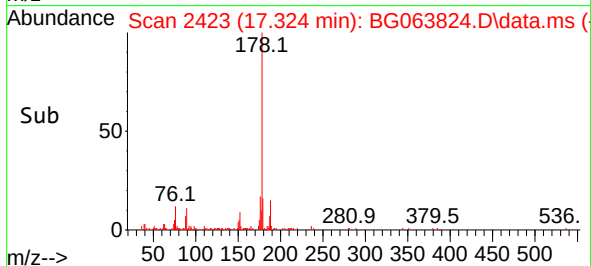
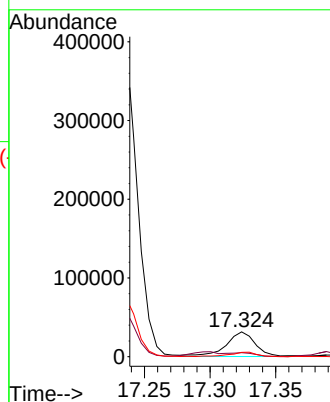
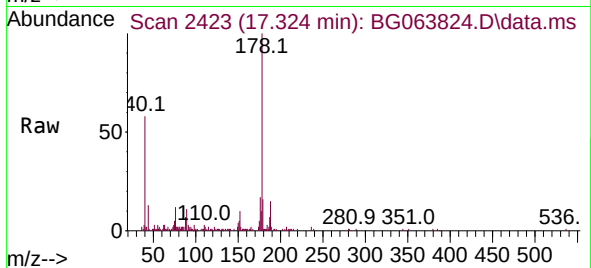
Tgt Ion:178 Resp: 48179
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.4 18.6
 176 17.5 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#77

Carbazole

Concen: 1.370 ng/ul

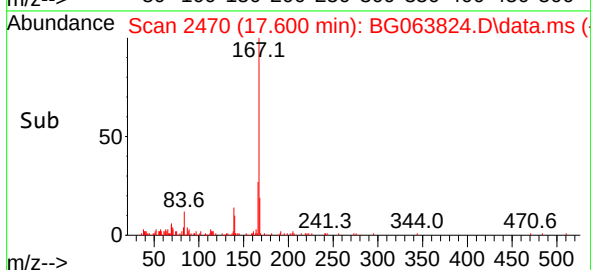
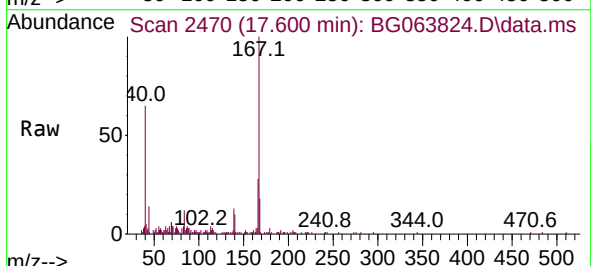
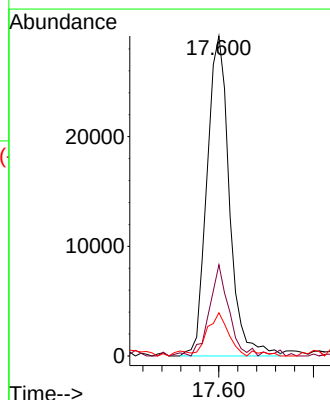
RT: 17.600 min Scan# 2470

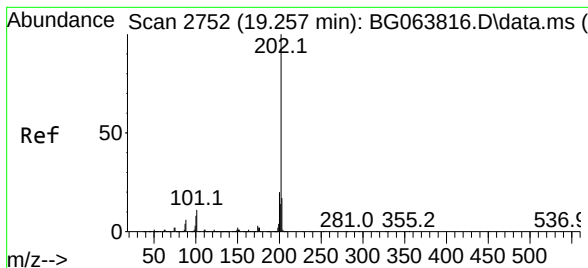
Delta R.T. 0.006 min

Lab File: BG063824.D

Acq: 24 Dec 2024 17:58

Tgt Ion:167 Resp: 47874
 Ion Ratio Lower Upper
 167 100
 166 28.5 18.2 27.4#
 139 13.5 10.1 15.1





#80

Fluoranthene

Concen: 14.152 ng/u1

RT: 19.257 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG063824.D

Acq: 24 Dec 2024 17:58

Instrument :

BNA_G

ClientSampleId :

E2907

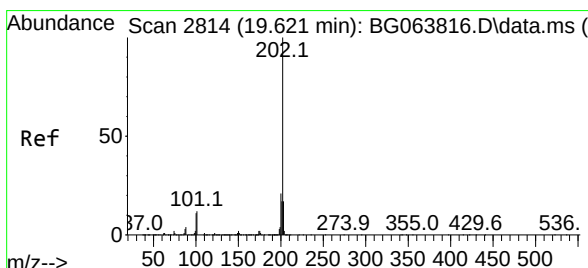
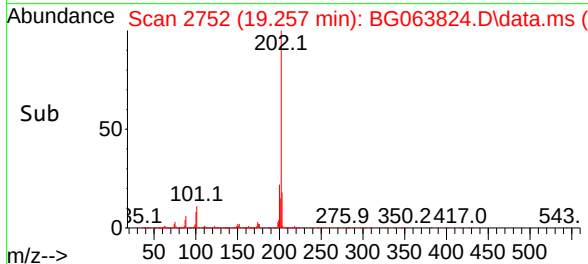
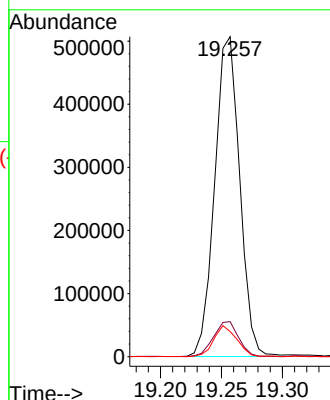
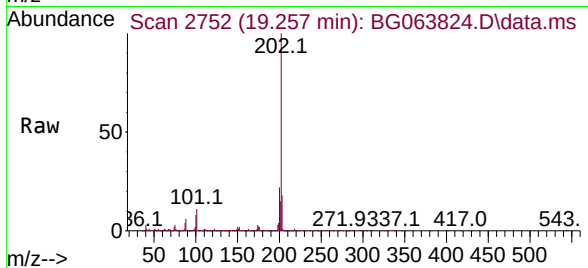
Tgt Ion:	202	Resp:	722884
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.1	12.1
100	7.9	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#82

Pyrene

Concen: 10.446 ng/u1

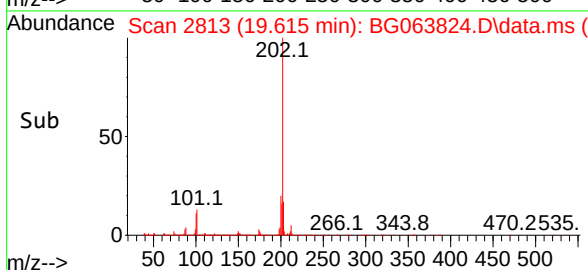
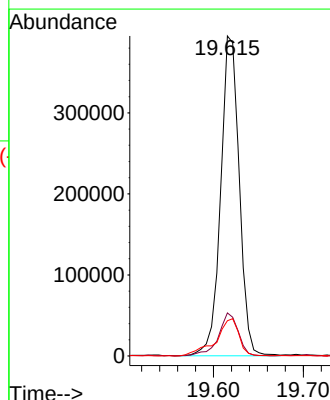
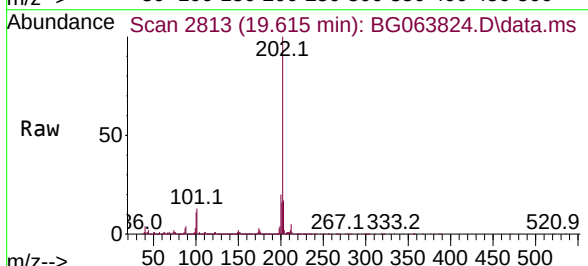
RT: 19.615 min Scan# 2813

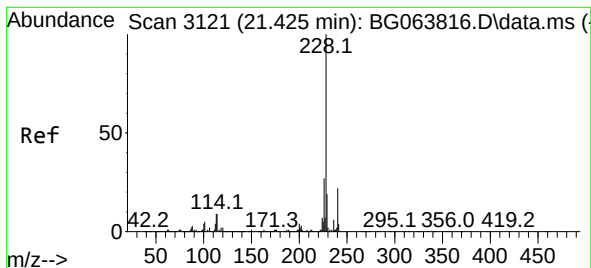
Delta R.T. 0.000 min

Lab File: BG063824.D

Acq: 24 Dec 2024 17:58

Tgt Ion:	202	Resp:	567720
Ion Ratio	Lower	Upper	
202	100		
101	13.4	8.7	13.1#
100	11.0	7.8	11.6





#85

Benzo(a)anthracene

Concen: 4.161 ng/uI

RT: 21.419 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BG063824.D

Acq: 24 Dec 2024 17:58

Instrument :

BNA_G

ClientSampleId :

E2907

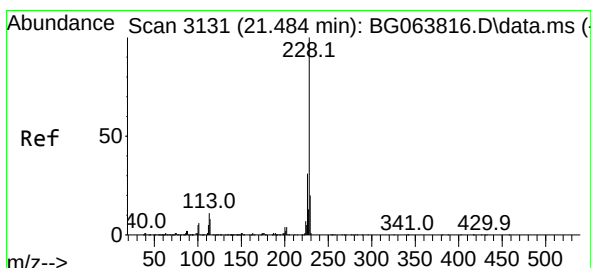
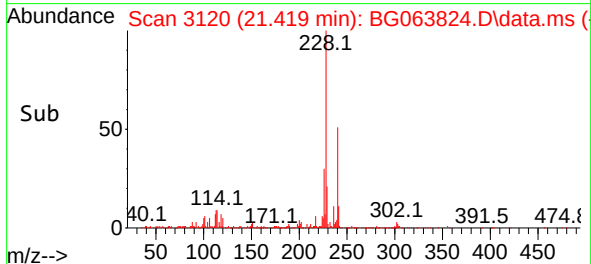
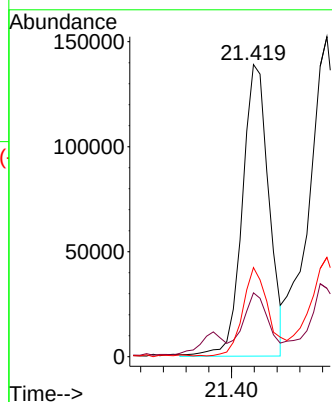
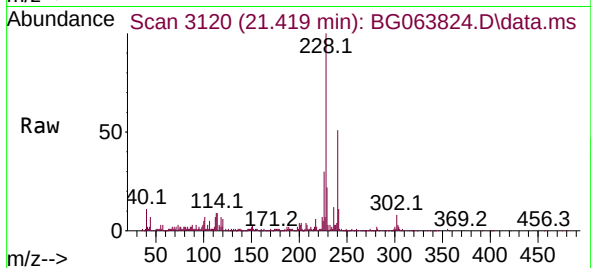
Tgt Ion:228 Resp: 22522
 Ion Ratio Lower Upper
 228 100
 229 21.8 15.7 23.5
 226 30.5 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#87

Chrysene

Concen: 5.432 ng/uI

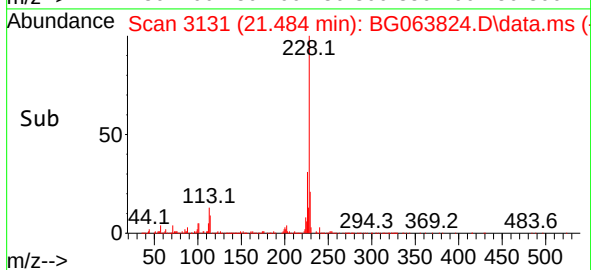
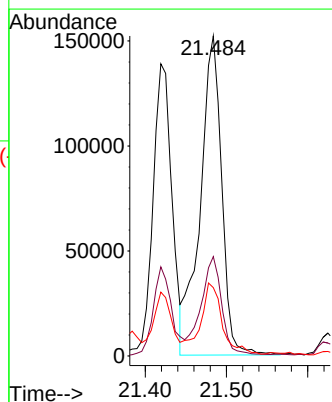
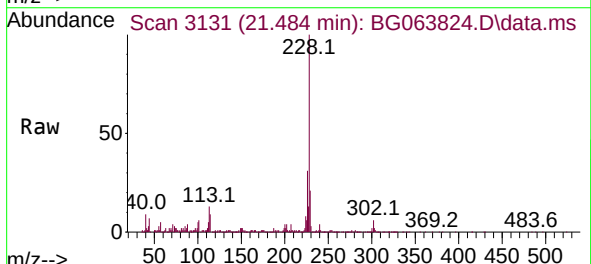
RT: 21.484 min Scan# 3131

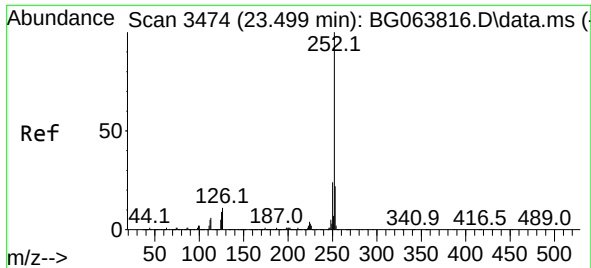
Delta R.T. 0.000 min

Lab File: BG063824.D

Acq: 24 Dec 2024 17:58

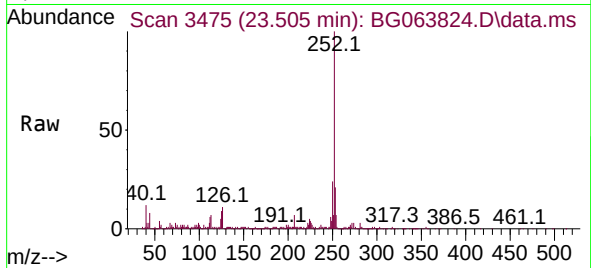
Tgt Ion:228 Resp: 280229
 Ion Ratio Lower Upper
 228 100
 226 31.1 23.4 35.0
 229 21.3 14.8 22.2





#90
Benzo(b)fluoranthene
Concen: 6.328 ng/u1
RT: 23.505 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BG063824.D
Acq: 24 Dec 2024 17:58

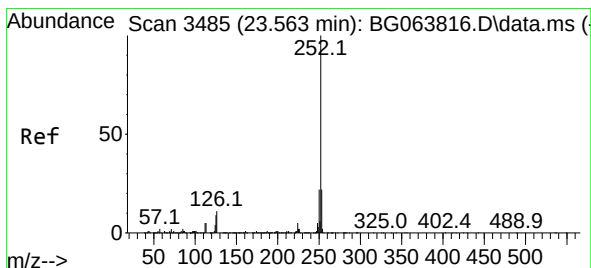
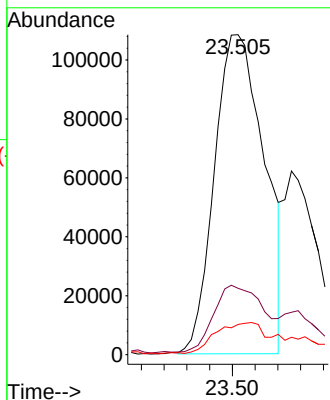
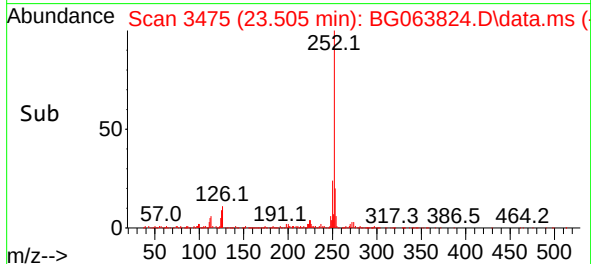
Instrument :
BNA_G
ClientSampleId :
E2907



Tgt Ion:252 Resp: 329979
Ion Ratio Lower Upper
252 100
253 20.8 17.7 26.5
125 9.4 7.0 10.4

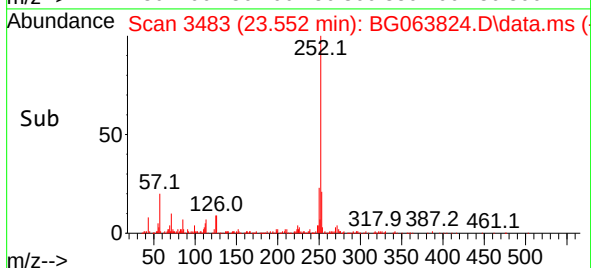
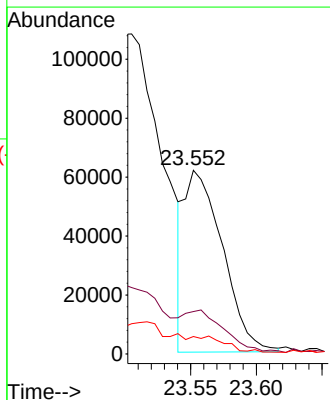
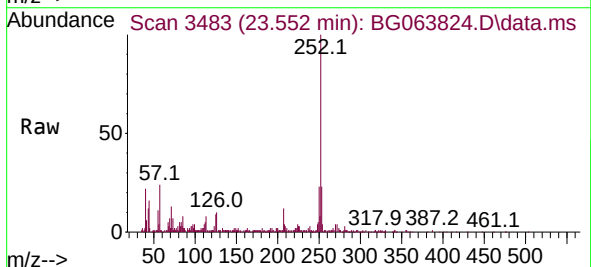
Manual Integrations
APPROVED

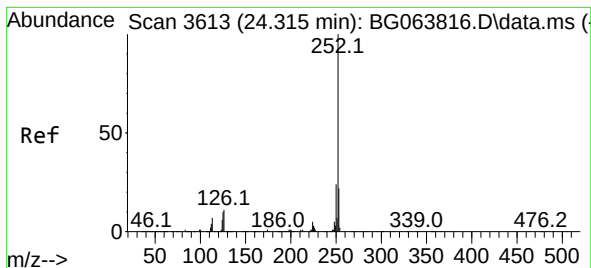
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#91
Benzo(k)fluoranthene
Concen: 2.386 ng/u1
RT: 23.552 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BG063824.D
Acq: 24 Dec 2024 17:58

Tgt Ion:252 Resp: 124121
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.5 6.5 9.7





#93

Benzo(a)pyrene

Concen: 3.707 ng/ul

RT: 24.310 min Scan# 30

Delta R.T. 0.006 min

Lab File: BG063824.D

Acq: 24 Dec 2024 17:58

Instrument :

BNA_G

ClientSampleId :

E2907

Tgt Ion:252 Resp: 18143

Ion Ratio Lower Upper

252 100

253 24.8 16.6 24.8

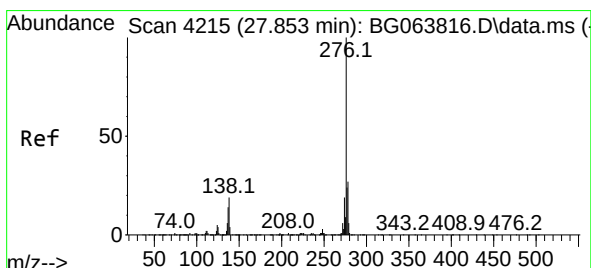
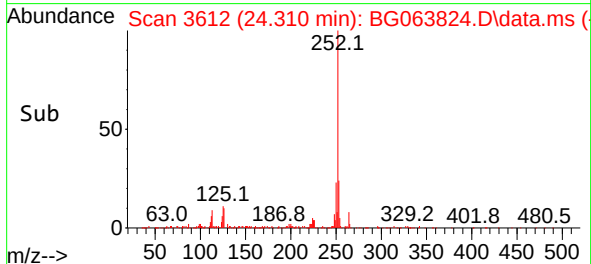
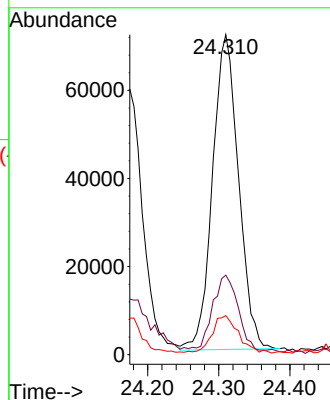
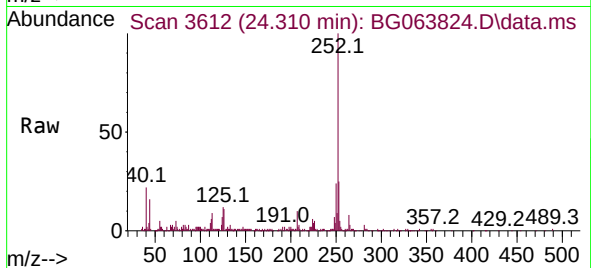
125 12.2 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.575 ng/ul m

RT: 27.847 min Scan# 4214

Delta R.T. 0.000 min

Lab File: BG063824.D

Acq: 24 Dec 2024 17:58

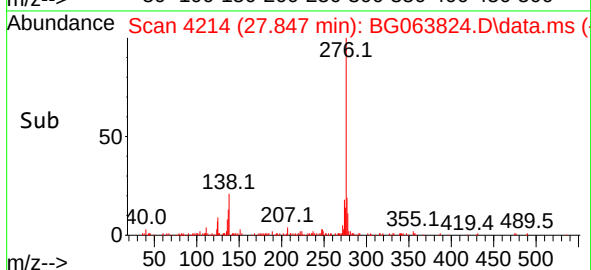
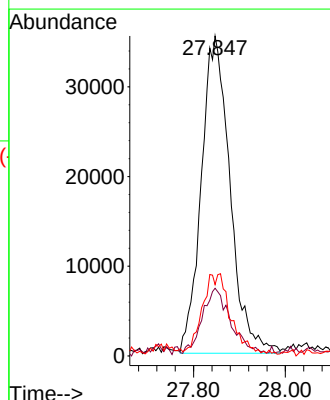
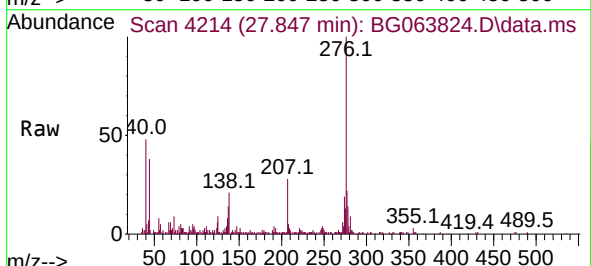
Tgt Ion:276 Resp: 153925

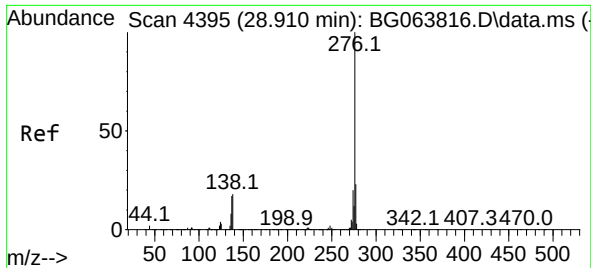
Ion Ratio Lower Upper

276 100

138 21.2 13.7 20.5

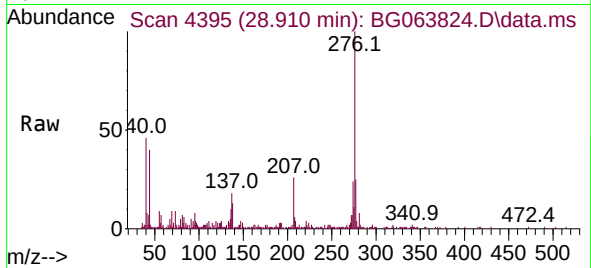
277 22.3 18.4 27.6





#96
Benzo(g,h,i)perylene
Concen: 3.008 ng/ul m
RT: 28.910 min Scan# 4395
Delta R.T. 0.012 min
Lab File: BG063824.D
Acq: 24 Dec 2024 17:58

Instrument :
BNA_G
ClientSampleId :
E2907



Tgt Ion:276 Resp: 142690
Ion Ratio Lower Upper
276 100
138 13.4 13.8 20.8
277 24.8 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

