

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063255.D
 Acq On : 9 Nov 2024 8:33
 Operator : RC/JU
 Sample : P4582-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EC0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 09 23:59:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	119528	20.000	ng/u1	0.00
20) Naphthalene-d8	10.627	136	558277	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	477094	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.225	188	1063322	20.000	ng/u1	0.00
79) Chrysene-d12	21.479	240	1043919	20.000	ng/u1	0.00
88) Perylene-d12	24.510	264	1116789	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	2803	1.060	ng/uL	0.00
4) Pyridine-d5	3.717	84	17564	2.010	ng/u1	0.00
7) Phenol-d5	7.007	99	69532	6.447	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	43640	6.898	ng/u1	0.00
11) 2-Chlorophenol-d4	7.366	132	51231	7.318	ng/u1	-0.01
15) 4-Methylphenol-d8	8.547	113	43517	4.760	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	31342	7.986	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	36289	7.154	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	68642	6.895	ng/u1	0.00
31) 4-Chloroaniline-d4	10.768	131	20791m	1.603	ng/u1	0.00
46) Dimethylphthalate-d6	13.876	166	250068	6.692	ng/u1	0.00
49) Acenaphthylene-d8	14.164	160	266067	7.274	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	27512m	5.377	ng/u1	0.00
60) Fluorene-d10	15.468	176	232928	7.385	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	17719	2.651	ng/u1	0.00
73) Anthracene-d10	17.319	188	354527	7.758	ng/u1	0.00
81) Pyrene-d10	19.622	212	354830	6.779	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.299	264	223184	4.139	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.043	94	13600m	1.157	ng/u1	
16) Acetophenone	8.653	105	80141	5.445	ng/u1	98
72) Phenanthrene	17.266	178	112709	2.320	ng/u1	96
80) Fluoranthene	19.287	202	534916	9.455	ng/u1	99
82) Pyrene	19.651	202	296855	4.950	ng/u1	98
85) Benzo(a)anthracene	21.461	228	304663	4.614	ng/u1	97
87) Chrysene	21.520	228	278827	4.529	ng/u1	97
90) Benzo(b)fluoranthene	23.559	252	346596	5.158	ng/u1	99
91) Benzo(k)fluoranthene	23.606	252	157749m	2.357	ng/u1	
93) Benzo(a)pyrene	24.364	252	88200	1.419	ng/u1#	79
94) Indeno(1,2,3-cd)pyrene	27.936	276	94147m	1.235	ng/u1	

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

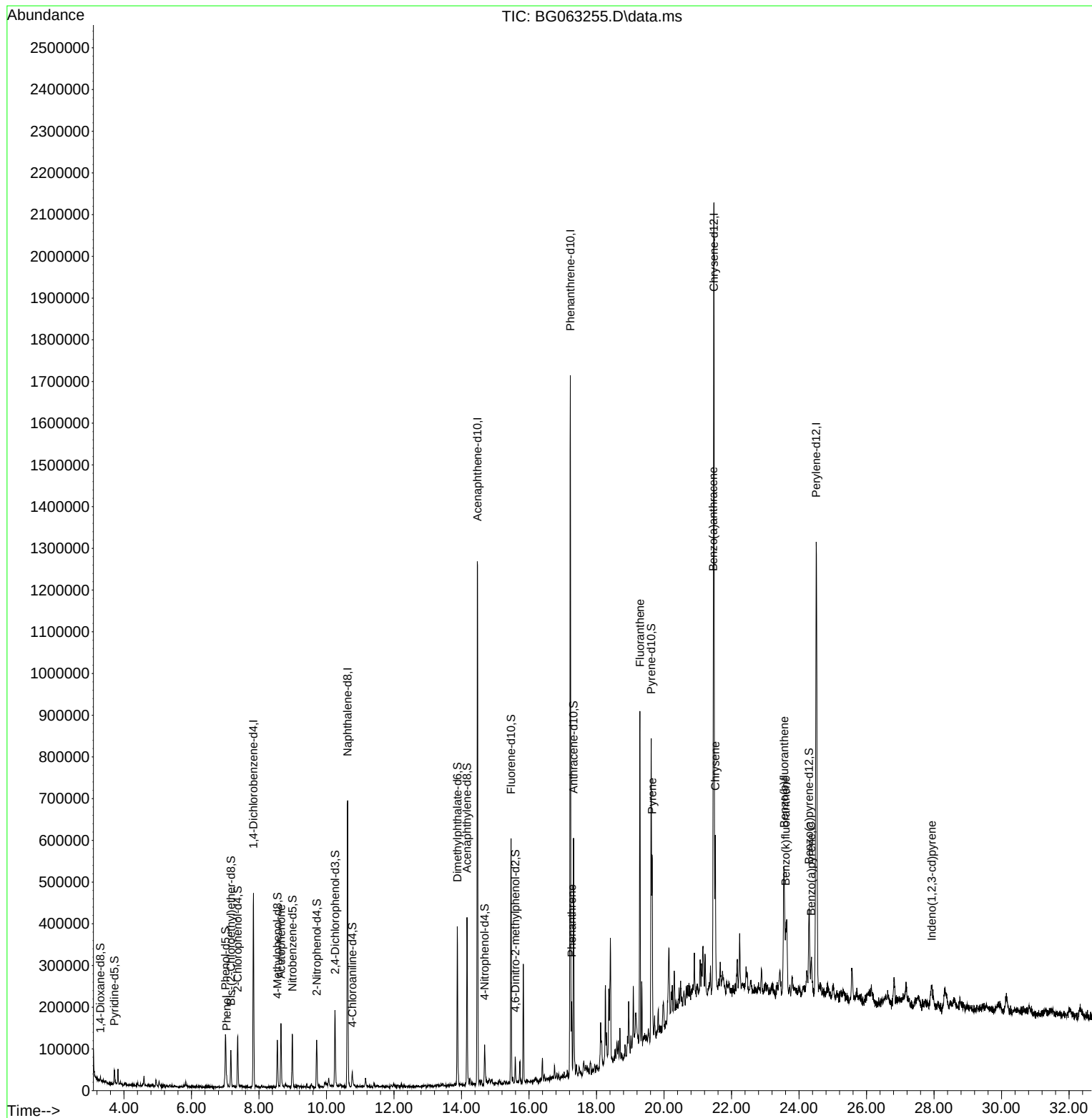
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063255.D
Acq On : 9 Nov 2024 8:33
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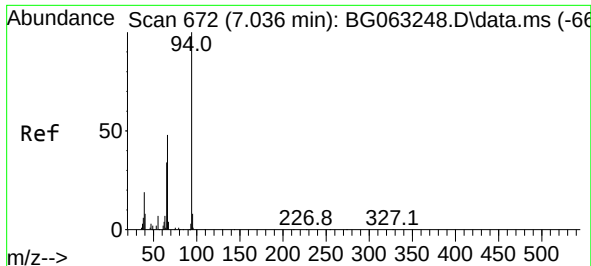
Instrument :
BNA_G
ClientSampleId :
A4EC0

Quant Time: Nov 09 23:59:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
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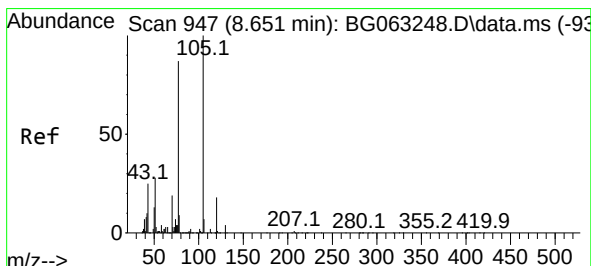
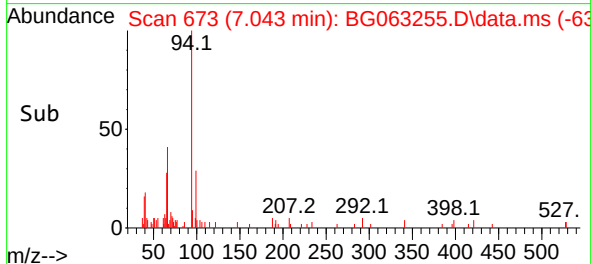
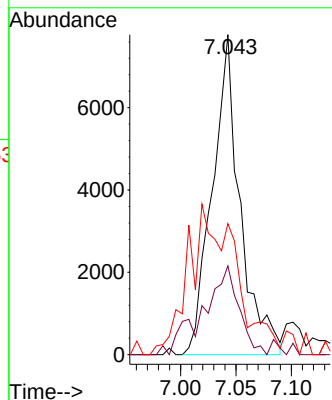
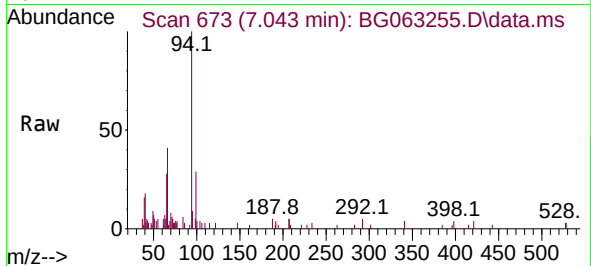
#8
Phenol
Concen: 1.157 ng/ul m
RT: 7.043 min Scan# 6
Delta R.T. 0.007 min
Lab File: BG063255.D
Acq: 9 Nov 2024 8:33

Instrument :
BNA_G
ClientSampleId :
A4EC0

Tgt Ion: 94 Resp: 13600
Ion Ratio Lower Upper
94 100
65 27.7 30.1 45.1
66 40.9 42.0 63.0

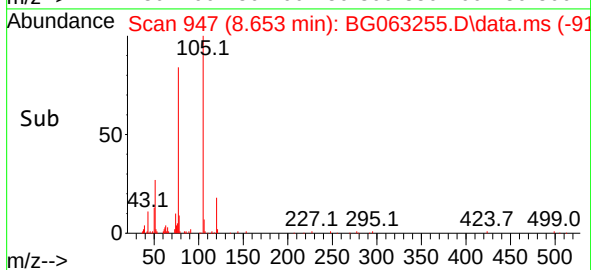
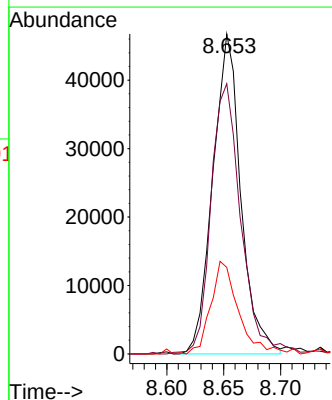
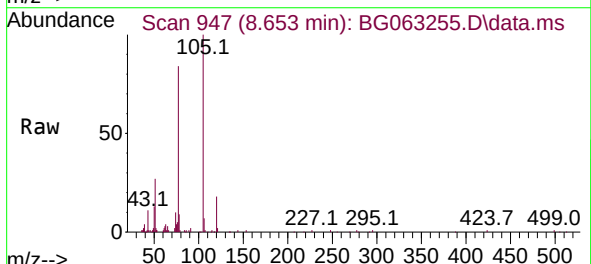
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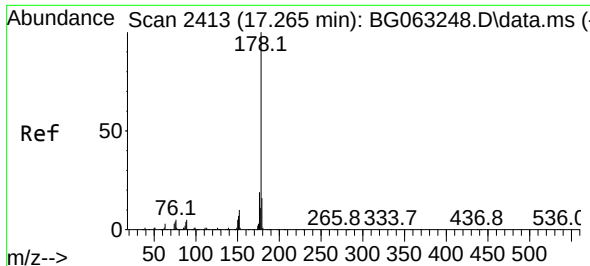
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#16
Acetophenone
Concen: 5.445 ng/ul
RT: 8.653 min Scan# 947
Delta R.T. -0.005 min
Lab File: BG063255.D
Acq: 9 Nov 2024 8:33

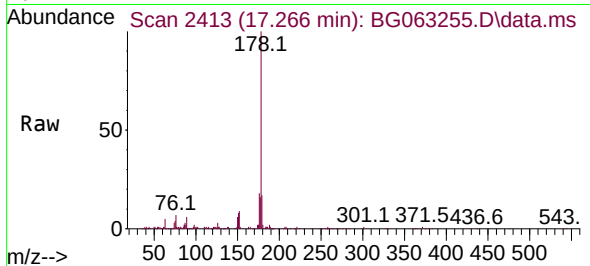
Tgt Ion:105 Resp: 80141
Ion Ratio Lower Upper
105 100
77 84.4 68.0 102.0
51 27.1 24.3 36.5





#72
Phenanthrene
Concen: 2.320 ng/uI
RT: 17.266 min Scan# 2413
Delta R.T. 0.001 min
Lab File: BG063255.D
Acq: 9 Nov 2024 8:33

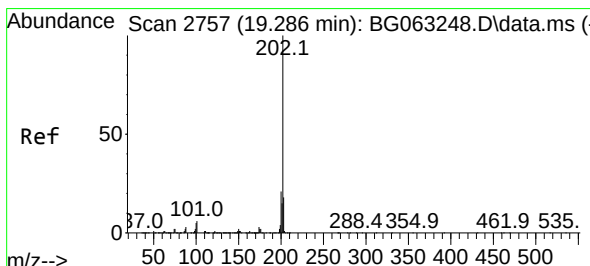
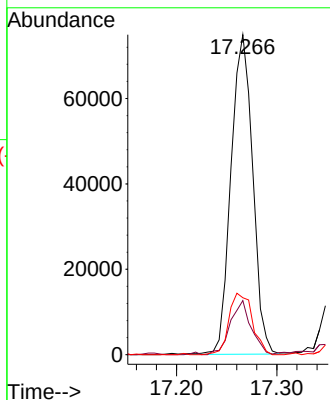
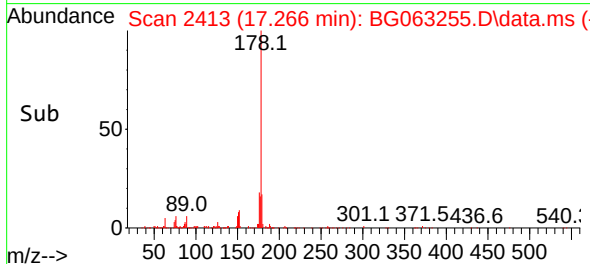
Instrument :
BNA_G
ClientSampleId :
A4EC0



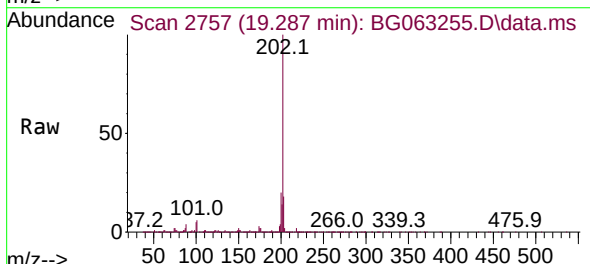
Tgt Ion:178 Resp: 112709
Ion Ratio Lower Upper
178 100
179 16.9 12.2 18.4
176 17.8 16.0 24.0

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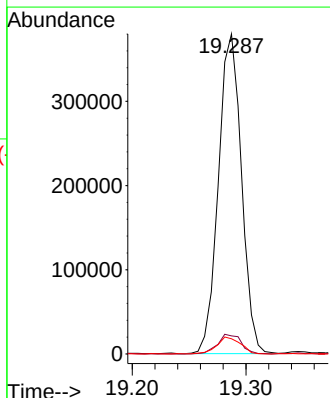
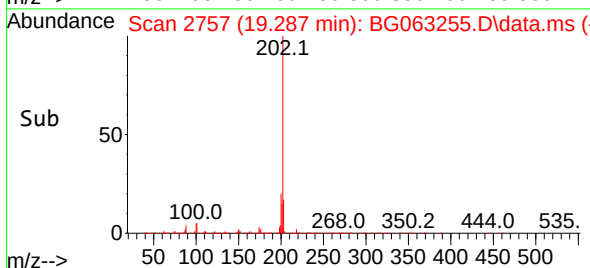
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

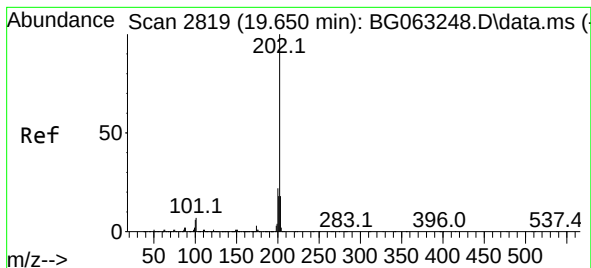


#80
Fluoranthene
Concen: 9.455 ng/uI
RT: 19.287 min Scan# 2757
Delta R.T. 0.001 min
Lab File: BG063255.D
Acq: 9 Nov 2024 8:33



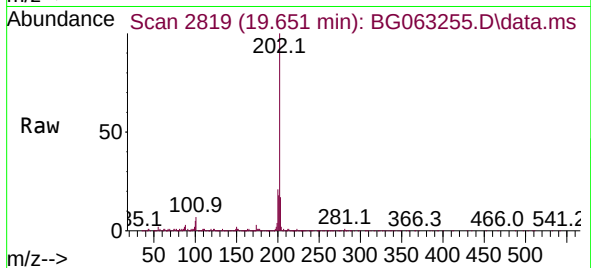
Tgt Ion:202 Resp: 534916
Ion Ratio Lower Upper
202 100
101 5.7 4.7 7.1
100 4.8 3.4 5.0





#82
Pyrene
Concen: 4.950 ng/ul
RT: 19.651 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG063255.D
Acq: 9 Nov 2024 8:33

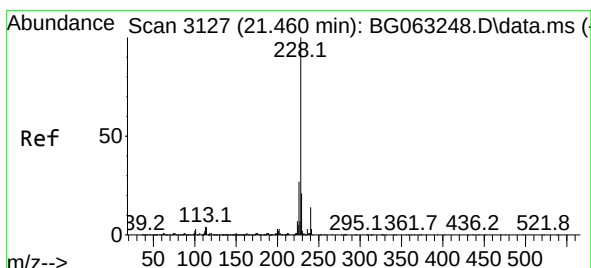
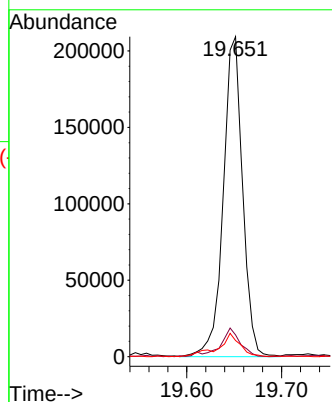
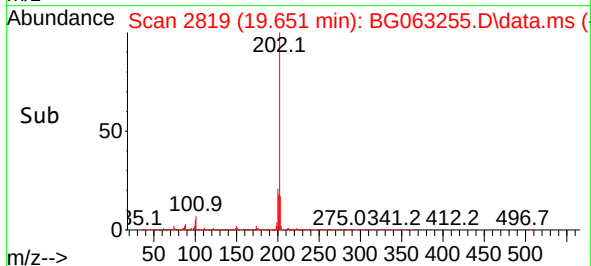
Instrument :
BNA_G
ClientSampleId :
A4EC0



Tgt Ion:202 Resp: 29685
Ion Ratio Lower Upper
202 100
101 6.8 4.9 7.3
100 5.1 4.4 6.6

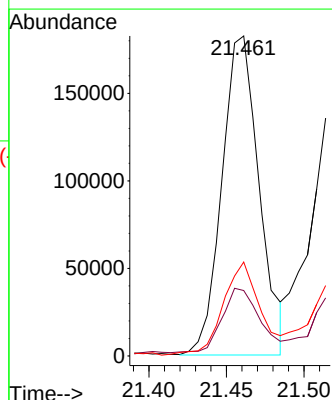
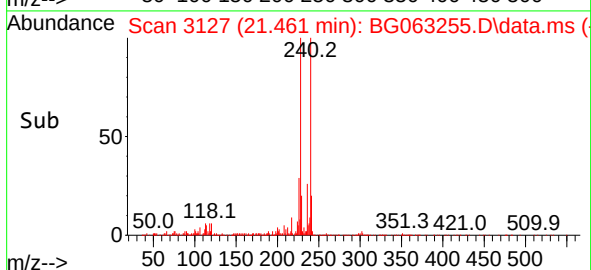
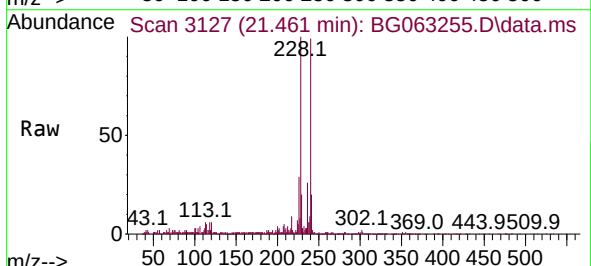
Manual Integrations
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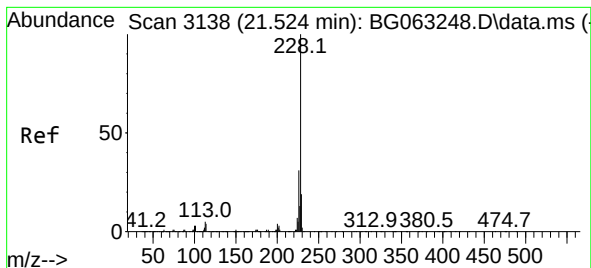
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#85
Benzo(a)anthracene
Concen: 4.614 ng/ul
RT: 21.461 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BG063255.D
Acq: 9 Nov 2024 8:33

Tgt Ion:228 Resp: 304663
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 29.4 21.4 32.2





#87

Chrysene

Concen: 4.529 ng/ul

RT: 21.520 min Scan# 3138

Delta R.T. -0.005 min

Lab File: BG063255.D

Acq: 9 Nov 2024 8:33

Instrument :

BNA_G

ClientSampleId :

A4EC0

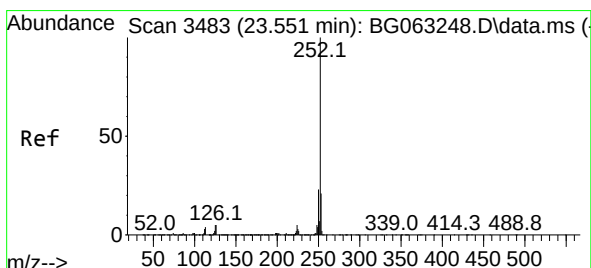
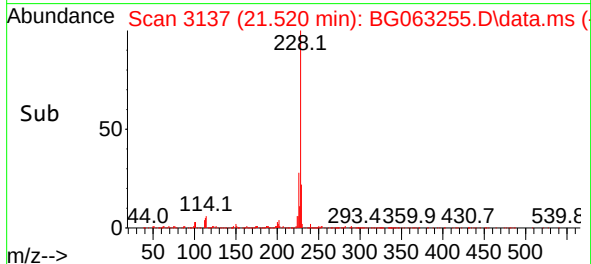
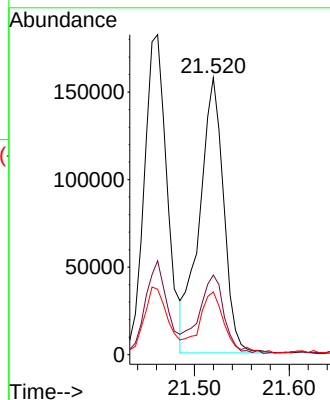
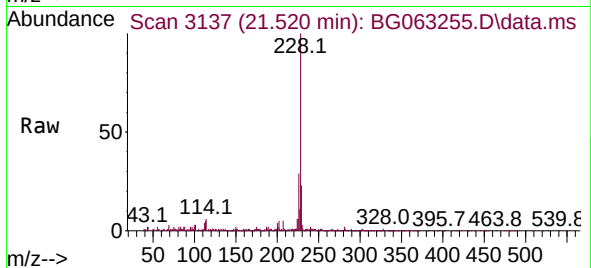
Tgt Ion:228	Resp: 27882
Ion Ratio	Lower Upper
228 100	
226 28.8	24.1 36.1
229 22.7	16.6 24.8

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 5.158 ng/ul

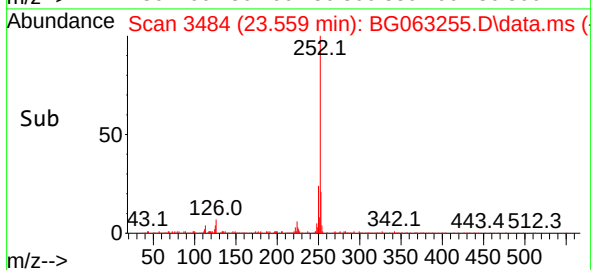
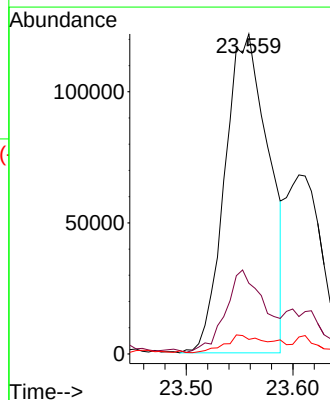
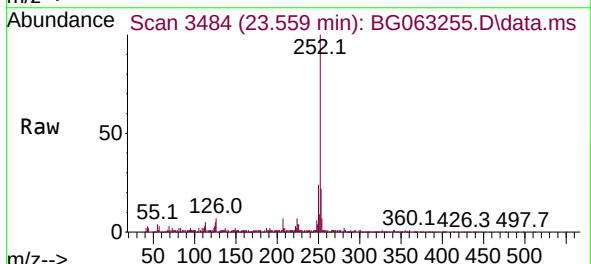
RT: 23.559 min Scan# 3484

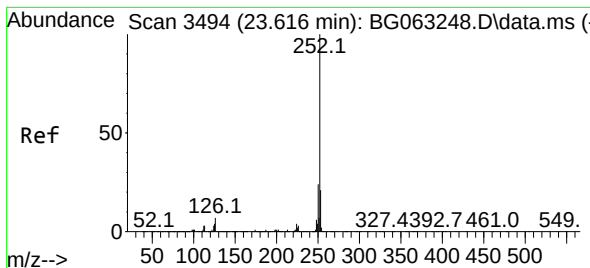
Delta R.T. 0.001 min

Lab File: BG063255.D

Acq: 9 Nov 2024 8:33

Tgt Ion:252	Resp: 346596
Ion Ratio	Lower Upper
252 100	
253 22.1	17.1 25.7
125 4.6	3.4 5.0





#91

Benzo(k)fluoranthene

Concen: 2.357 ng/ul m

RT: 23.606 min Scan# 3494

Delta R.T. -0.011 min

Lab File: BG063255.D

Acq: 9 Nov 2024 8:33

Instrument :

BNA_G

ClientSampleId :

A4EC0

Tgt Ion:252 Resp: 157749

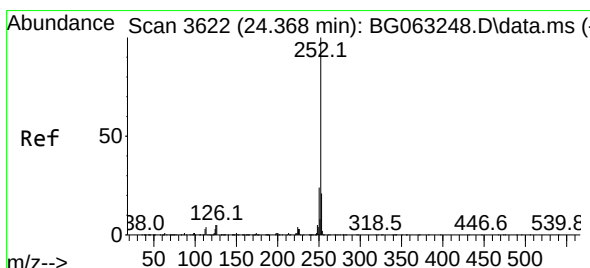
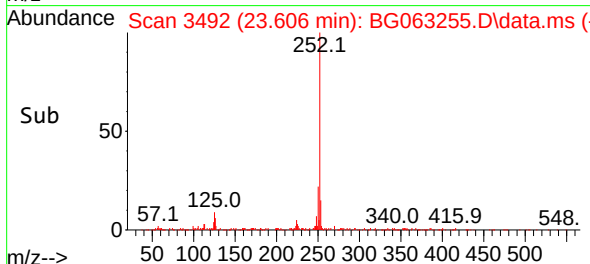
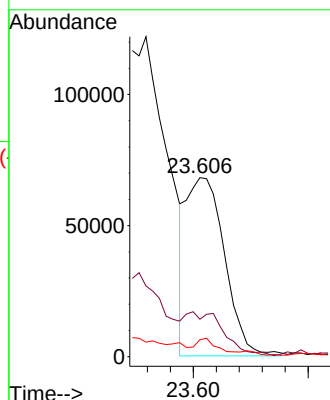
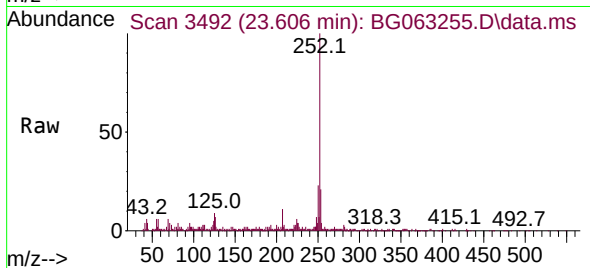
Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.0
125	9.5	3.3	4.9

Manual Integrations

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Supervised By :mohammad ahmed 11/11/2024



#93

Benzo(a)pyrene

Concen: 1.419 ng/ul

RT: 24.364 min Scan# 3621

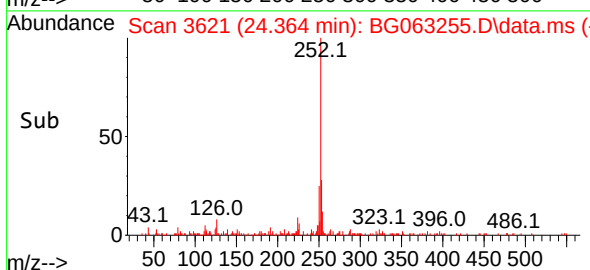
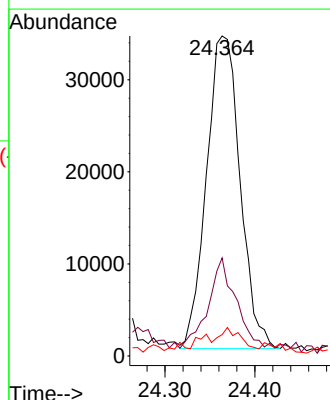
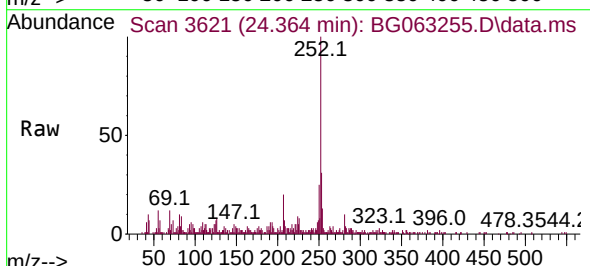
Delta R.T. -0.005 min

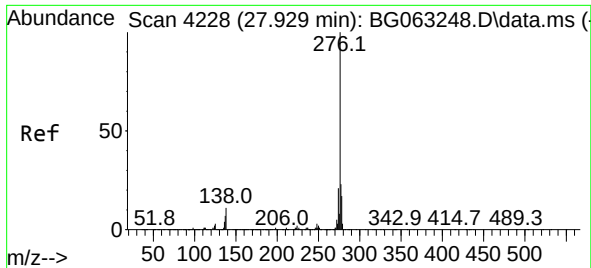
Lab File: BG063255.D

Acq: 9 Nov 2024 8:33

Tgt Ion:252 Resp: 88200

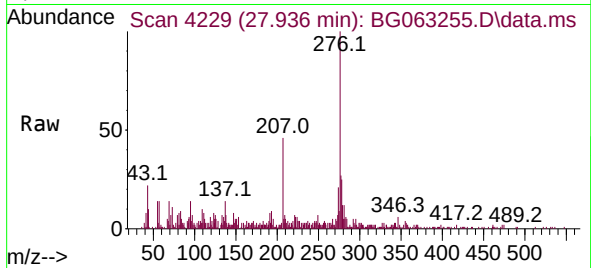
Ion	Ratio	Lower	Upper
252	100		
253	30.6	15.8	23.6#
125	6.6	3.4	5.2#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.235 ng/ul m
RT: 27.936 min Scan# 4229
Delta R.T. 0.012 min
Lab File: BG063255.D
Acq: 9 Nov 2024 8:33

Instrument :
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Tgt Ion:276 Resp: 9414
Ion Ratio Lower Upper
276 100
138 7.3 7.5 11.3
277 26.6 17.4 26.0

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