

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
 Data File : BG063678.D
 Acq On : 13 Dec 2024 14:45
 Operator : RC/JU
 Sample : P5153-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28R4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 14 00:35:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	218126	20.000	ng/ul	0.00
20) Naphthalene-d8	10.605	136	857203	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.453	164	583095	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	1148198	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	1041216	20.000	ng/ul	# 0.00
88) Perylene-d12	24.494	264	764423m	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	16033m	2.880	ng/uL	0.00
4) Pyridine-d5	3.701	84	125795	7.164	ng/ul	0.01
7) Phenol-d5	7.009	99	337343	16.792	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.150	67	237955	17.150	ng/ul	0.00
11) 2-Chlorophenol-d4	7.362	132	262285m	20.167	ng/ul	0.01
15) 4-Methylphenol-d8	8.543	113	207086	13.277	ng/ul	0.01
21) Nitrobenzene-d5	8.971	128	52945	8.650	ng/ul	0.00
24) 2-Nitrophenol-d4	9.694	143	11758m	1.714	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	244444m	18.403	ng/ul	0.02
31) 4-Chloroaniline-d4	10.746	131	140989	8.359	ng/ul	0.00
46) Dimethylphthalate-d6	13.860	166	774102	19.510	ng/ul	0.00
49) Acenaphthylene-d8	14.148	160	912270	20.170	ng/ul	0.00
54) 4-Nitrophenol-d4	14.712	143	8293m	1.475	ng/ul	0.04
60) Fluorene-d10	15.452	176	678244	19.334	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	588	0.099	ng/ul	0.01
73) Anthracene-d10	17.309	188	1043465	21.138	ng/ul	0.00
81) Pyrene-d10	19.606	212	1072749	19.799	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.283	264	731079m	20.366	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.038	94	34134m	1.594	ng/ul	
30) Naphthalene	10.658	128	128107	2.989	ng/ul	98
36) 2-Methylnaphthalene	12.268	142	59537	1.933	ng/ul	93
72) Phenanthrene	17.250	178	273733	4.947	ng/ul	98
80) Fluoranthene	19.271	202	420794	6.833	ng/ul#	96
82) Pyrene	19.635	202	439997	6.715	ng/ul	98
85) Benzo(a)anthracene	21.445	228	291184	4.462	ng/ul#	91
86) Bis(2-ethylhexyl)phtha...	21.357	149	624852	21.357	ng/ul	98
87) Chrysene	21.504	228	394376	6.341	ng/ul#	91
90) Benzo(b)fluoranthene	23.543	252	464924	10.701	ng/ul#	83
91) Benzo(k)fluoranthene	23.596	252	215876m	4.981	ng/ul	
93) Benzo(a)pyrene	24.353	252	305967m	7.503	ng/ul	
94) Indeno(1,2,3-cd)pyrene	27.926	276	175924m	3.532	ng/ul	
96) Benzo(g,h,i)perylene	28.983	276	198348m	5.019	ng/ul	

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

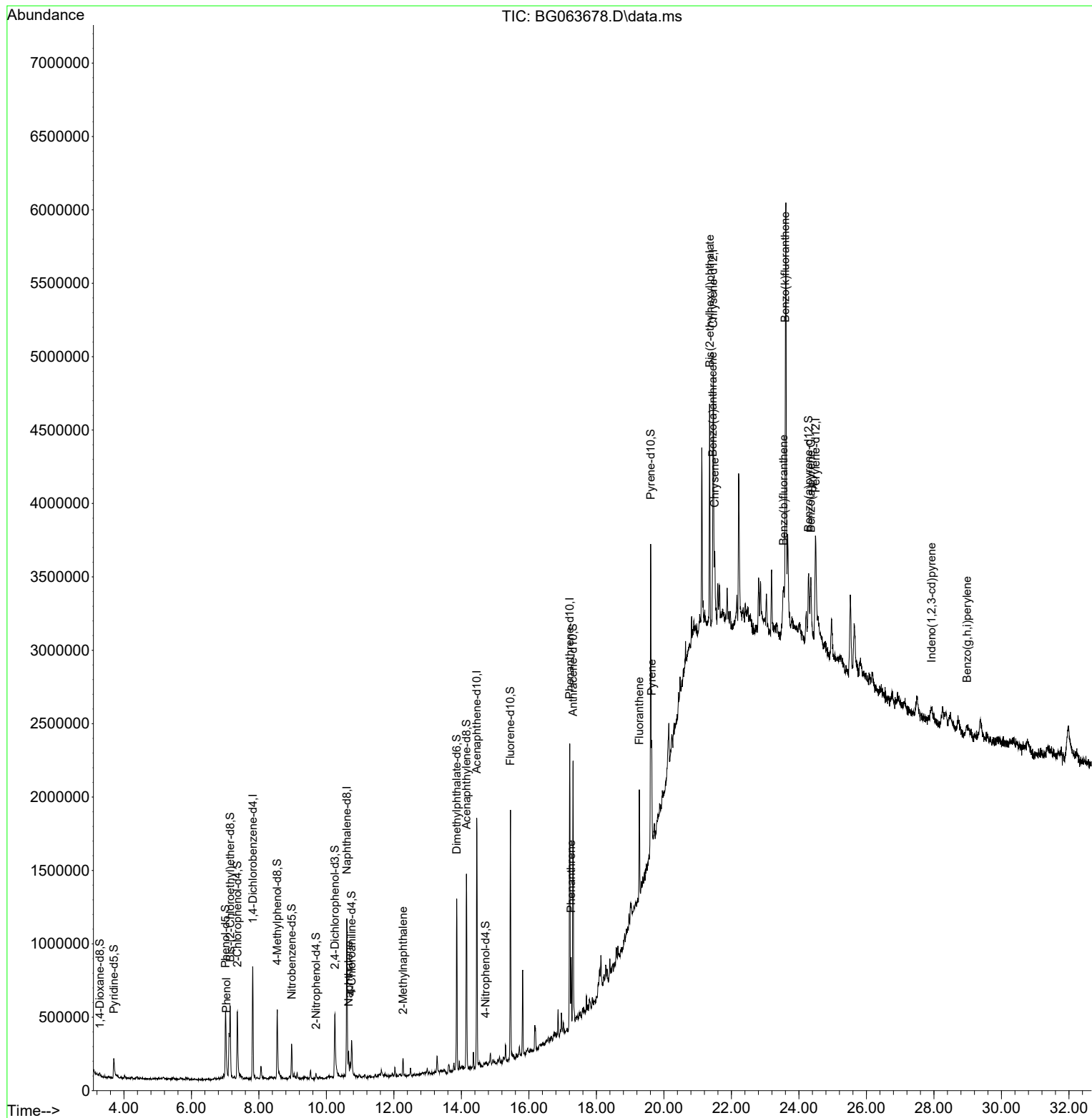
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

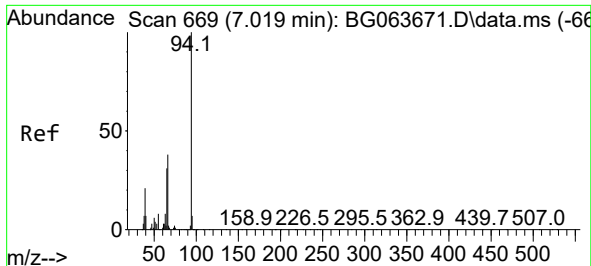
Instrument :
BNA_G
ClientSampleId :
E28R4

Quant Time: Dec 14 00:35:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
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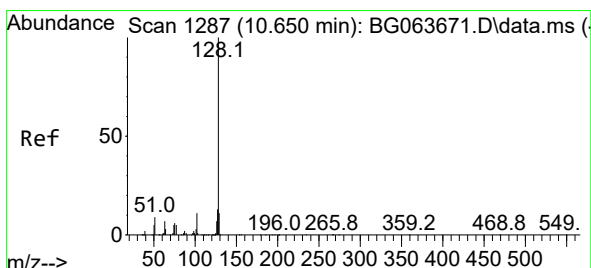
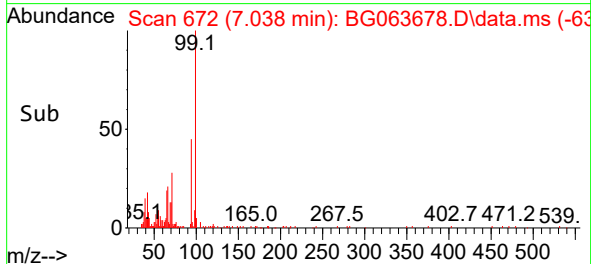
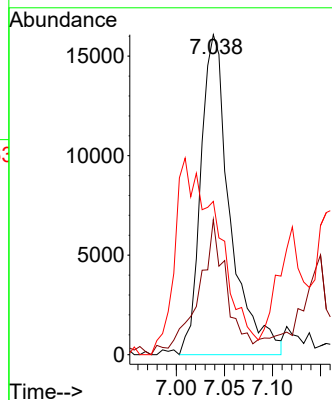
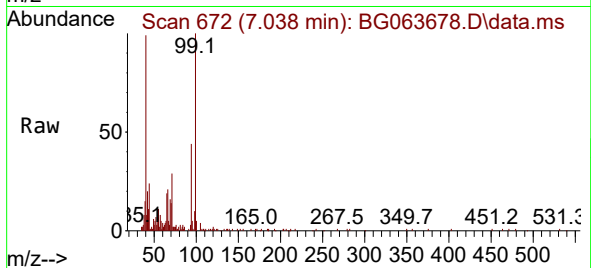
#8
Phenol
Concen: 1.594 ng/ul m
RT: 7.038 min Scan# 6
Delta R.T. 0.020 min
Lab File: BG063678.D
Acq: 13 Dec 2024 14:45

Instrument :
BNA_G
ClientSampleId :
E28R4

Tgt Ion: 94 Resp: 34134
Ion Ratio Lower Upper
94 100
65 42.2 25.6 38.4
66 47.9 34.2 51.2

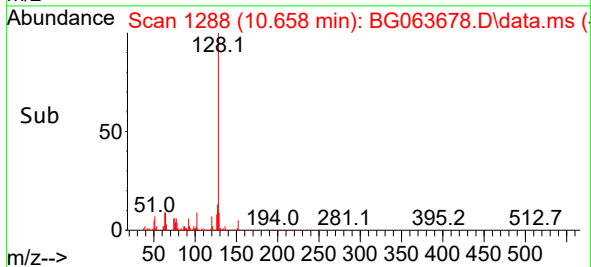
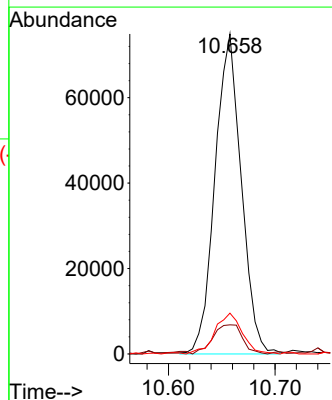
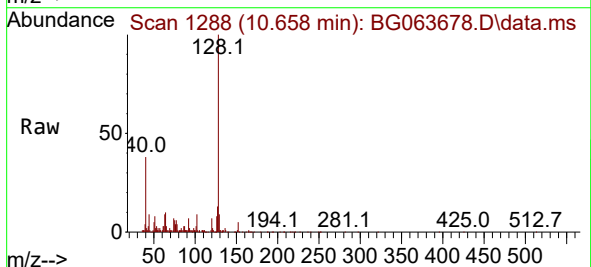
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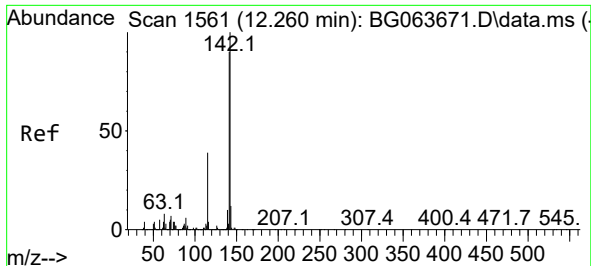
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#30
Naphthalene
Concen: 2.989 ng/ul
RT: 10.658 min Scan# 1288
Delta R.T. 0.008 min
Lab File: BG063678.D
Acq: 13 Dec 2024 14:45

Tgt Ion:128 Resp: 128107
Ion Ratio Lower Upper
128 100
129 9.1 8.2 12.2
127 12.8 9.8 14.8





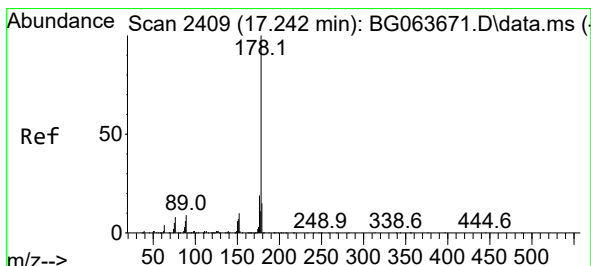
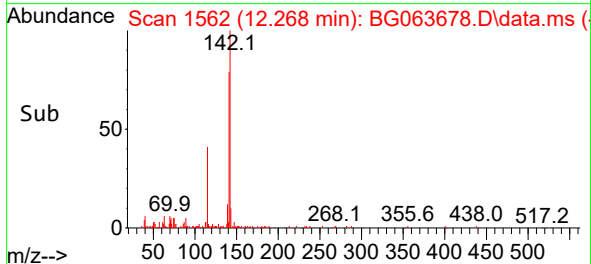
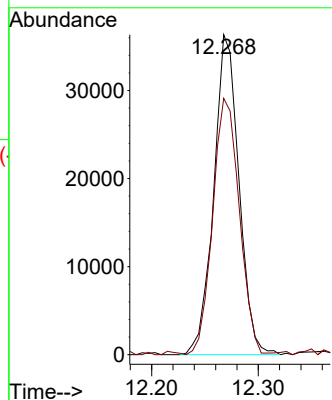
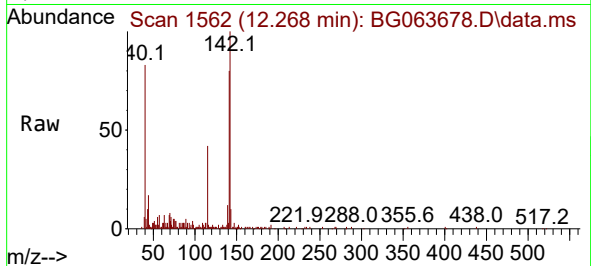
#36
2-Methylnaphthalene
Concen: 1.933 ng/ul
RT: 12.268 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG063678.D
Acq: 13 Dec 2024 14:45

Instrument :
BNA_G
ClientSampleId :
E28R4

Tgt Ion:142 Resp: 5953
Ion Ratio Lower Upper
142 100
141 80.1 69.5 104.3

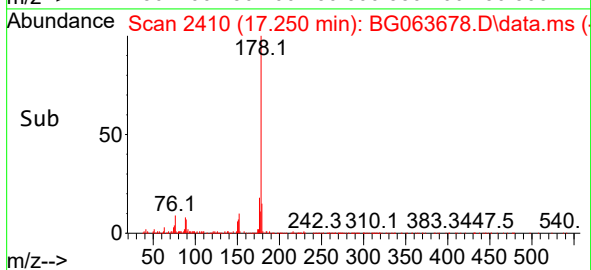
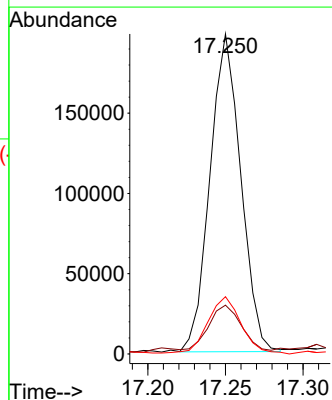
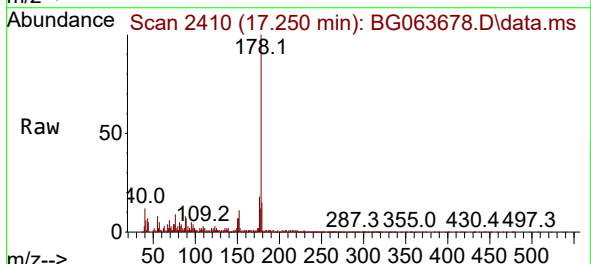
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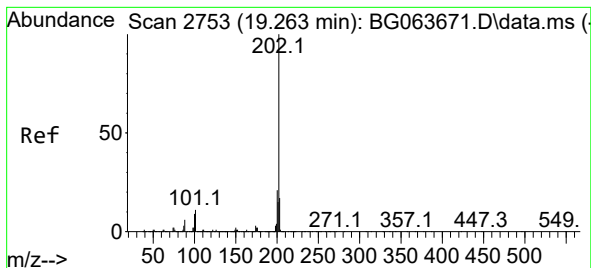
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#72
Phenanthrene
Concen: 4.947 ng/ul
RT: 17.250 min Scan# 2410
Delta R.T. 0.002 min
Lab File: BG063678.D
Acq: 13 Dec 2024 14:45

Tgt Ion:178 Resp: 273733
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 17.9 15.8 23.6





#80

Fluoranthene

Concen: 6.833 ng/ul

RT: 19.271 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG063678.D

Acq: 13 Dec 2024 14:45

Instrument :

BNA_G

ClientSampleId :

E28R4

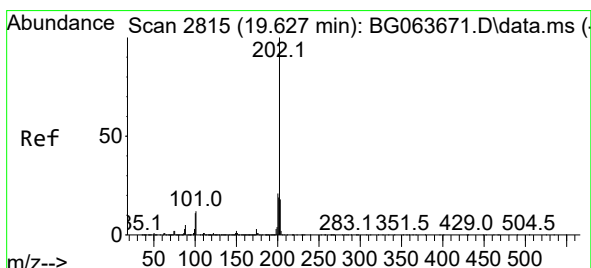
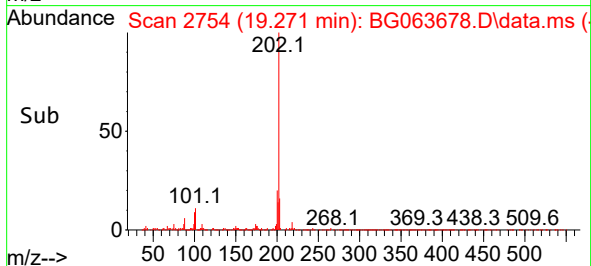
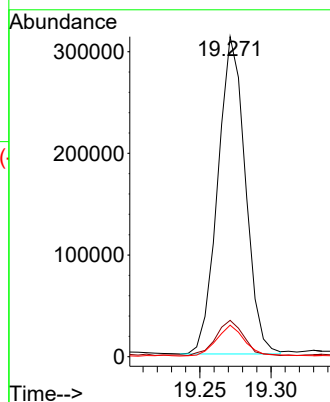
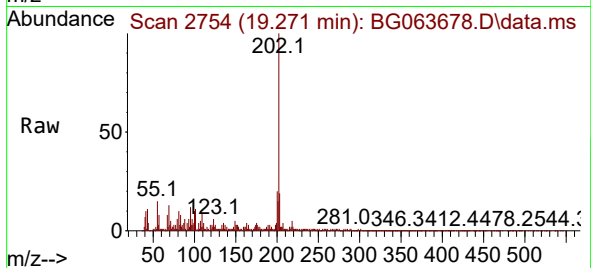
Tgt Ion:202 Resp: 420794
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.1 12.1
 100 9.9 6.5 9.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#82

Pyrene

Concen: 6.715 ng/ul

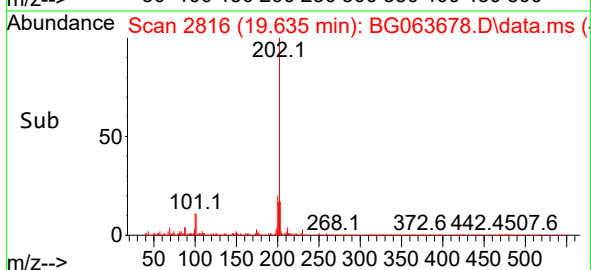
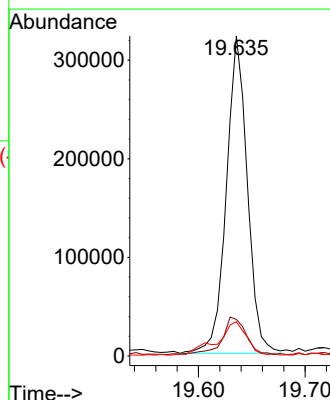
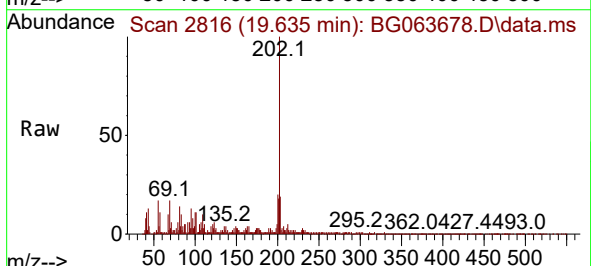
RT: 19.635 min Scan# 2816

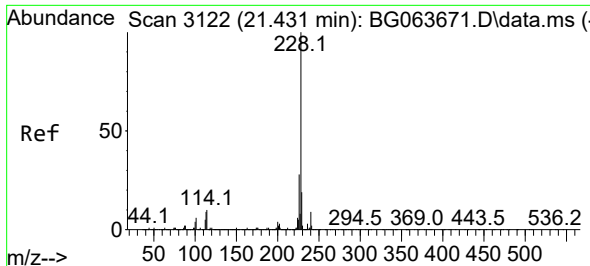
Delta R.T. 0.002 min

Lab File: BG063678.D

Acq: 13 Dec 2024 14:45

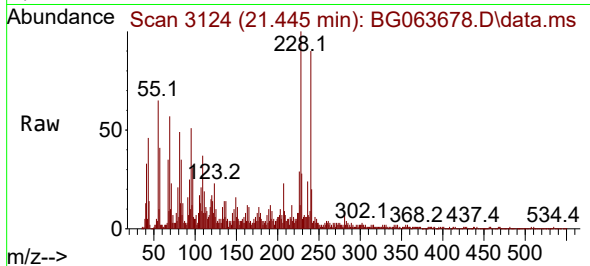
Tgt Ion:202 Resp: 439997
 Ion Ratio Lower Upper
 202 100
 101 11.4 8.7 13.1
 100 10.7 7.8 11.6





#85
Benzo(a)anthracene
Concen: 4.462 ng/ul
RT: 21.445 min Scan# 3122
Delta R.T. 0.002 min
Lab File: BG063678.D
Acq: 13 Dec 2024 14:45

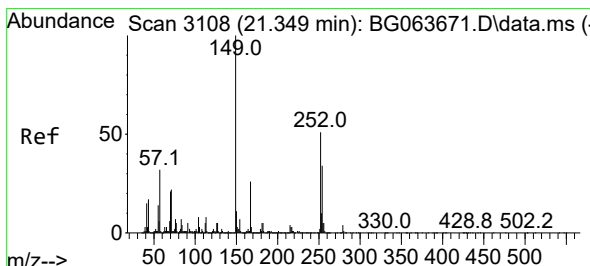
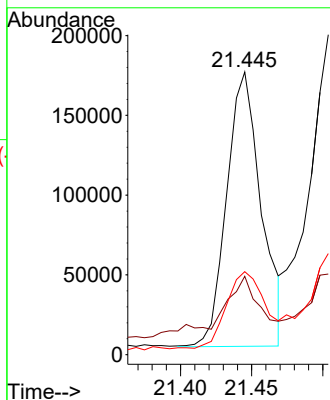
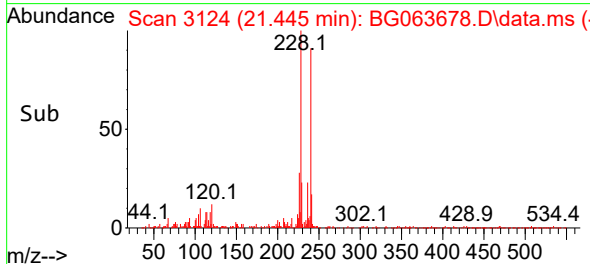
Instrument :
BNA_G
ClientSampleId :
E28R4



Tgt Ion:228 Resp: 291184
Ion Ratio Lower Upper
228 100
229 27.7 15.7 23.5
226 29.4 22.0 33.0

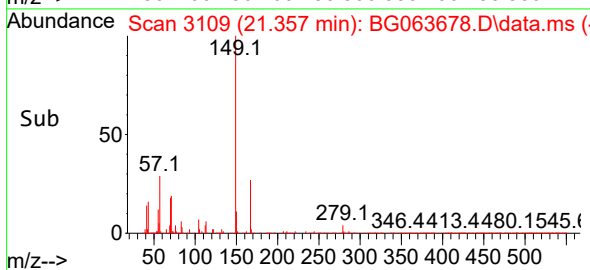
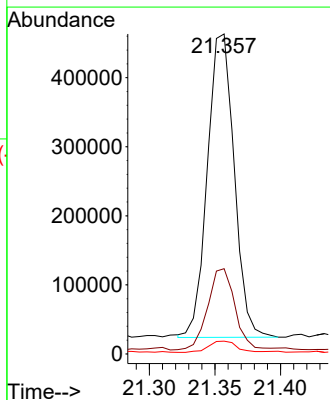
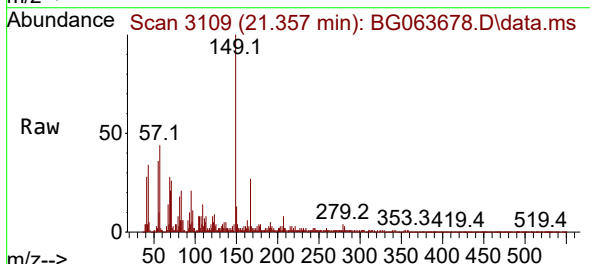
Manual Integrations
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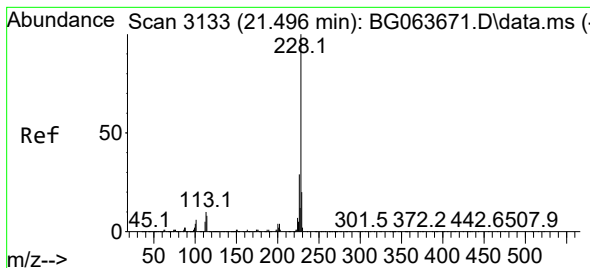
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 21.357 ng/ul
RT: 21.357 min Scan# 3109
Delta R.T. 0.002 min
Lab File: BG063678.D
Acq: 13 Dec 2024 14:45

Tgt Ion:149 Resp: 624852
Ion Ratio Lower Upper
149 100
167 26.7 22.1 33.1
279 4.0 2.9 4.3





#87

Chrysene

Concen: 6.341 ng/ul

RT: 21.504 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG063678.D

Acq: 13 Dec 2024 14:45

Instrument :

BNA_G

ClientSampleId :

E28R4

Tgt Ion:228 Resp: 394370

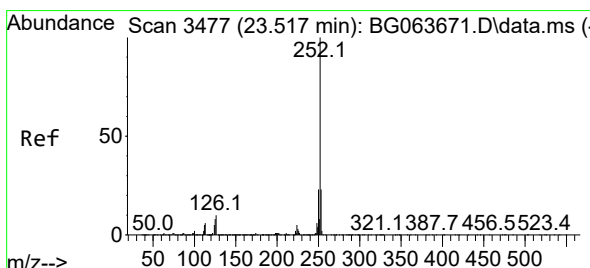
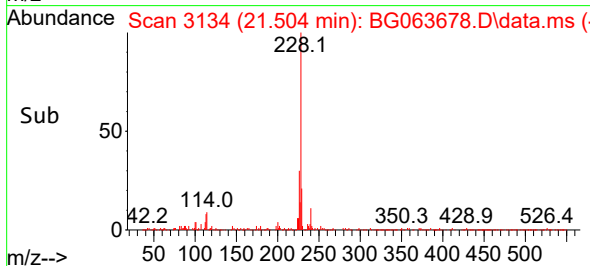
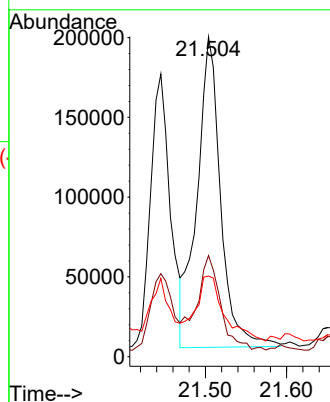
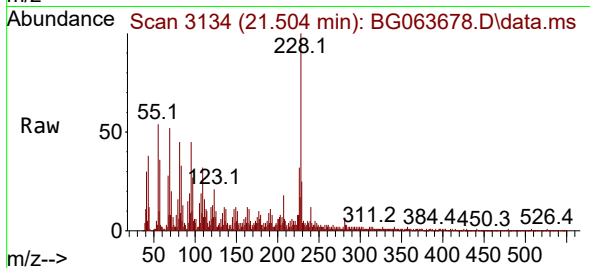
Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	25.2	14.8	22.2

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2024



#90

Benzo(b)fluoranthene

Concen: 10.701 ng/ul

RT: 23.543 min Scan# 3481

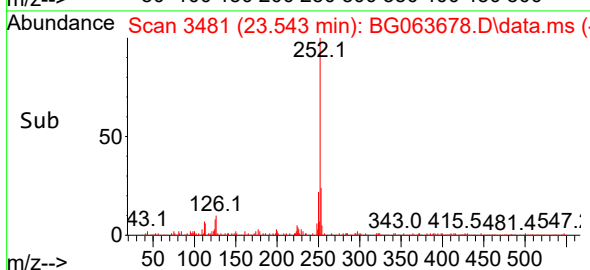
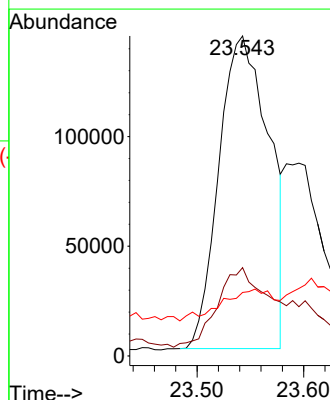
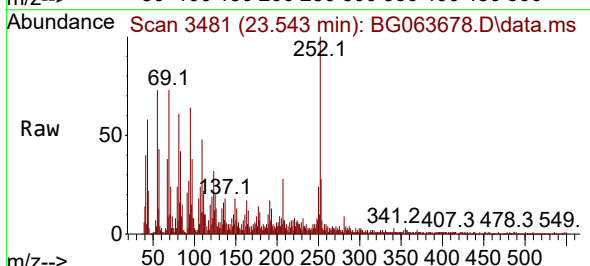
Delta R.T. 0.020 min

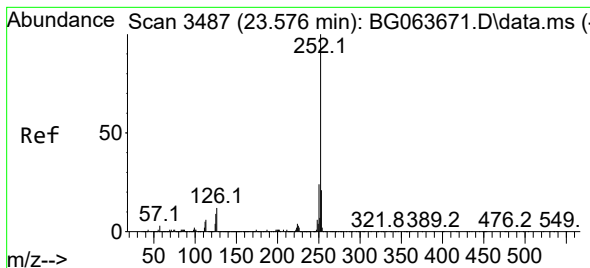
Lab File: BG063678.D

Acq: 13 Dec 2024 14:45

Tgt Ion:252 Resp: 464924

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.7	26.5
125	19.9	7.0	10.4





#91

Benzo(k)fluoranthene

Concen: 4.981 ng/ul m

RT: 23.596 min Scan# 3487

Delta R.T. 0.008 min

Lab File: BG063678.D

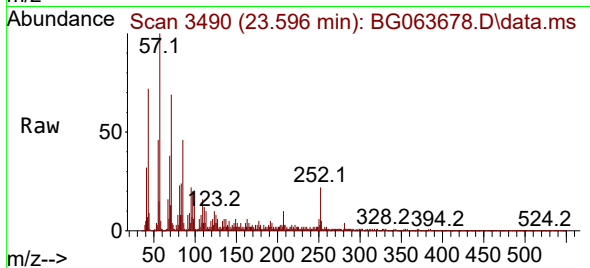
Acq: 13 Dec 2024 14:45

Instrument :

BNA_G

ClientSampleId :

E28R4



Tgt Ion:252 Resp: 215870

Ion Ratio Lower Upper

252 100

253 25.5 17.7 26.5

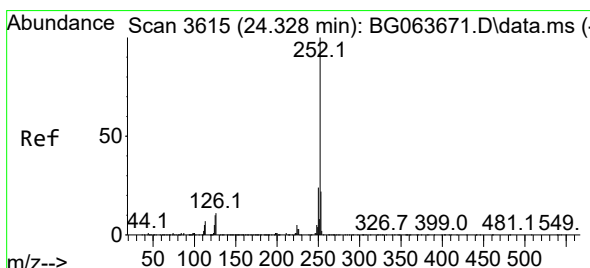
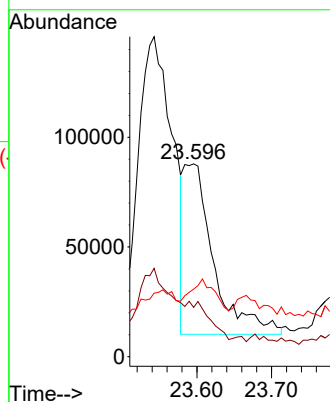
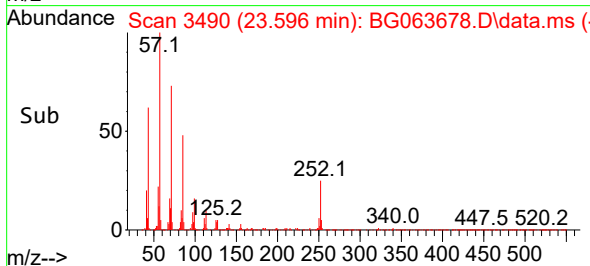
125 35.0 6.5 9.7

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2024



#93

Benzo(a)pyrene

Concen: 7.503 ng/ul m

RT: 24.353 min Scan# 3619

Delta R.T. 0.014 min

Lab File: BG063678.D

Acq: 13 Dec 2024 14:45

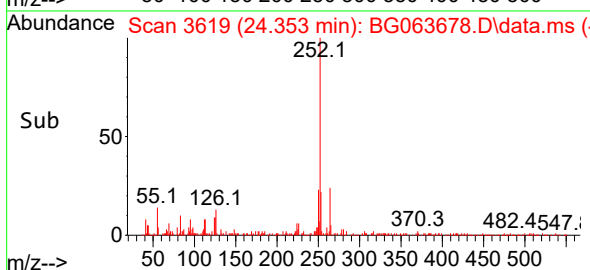
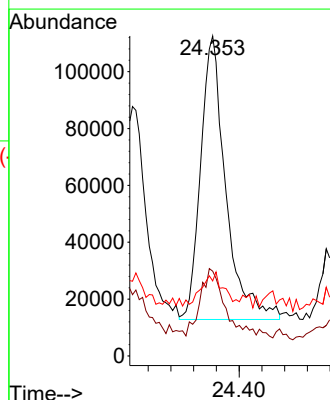
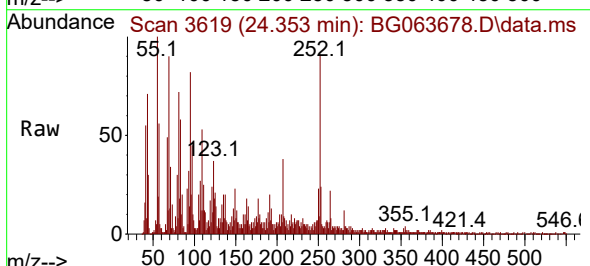
Tgt Ion:252 Resp: 305967

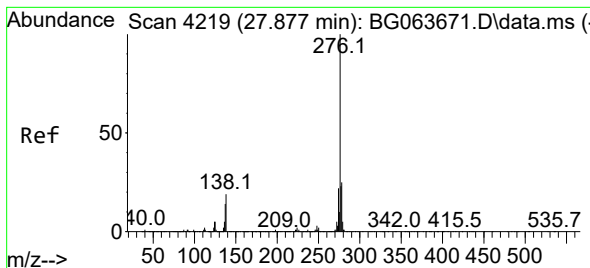
Ion Ratio Lower Upper

252 100

253 26.5 16.6 24.8#

125 23.4 8.0 12.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.532 ng/ul m

RT: 27.926 min Scan# 41

Delta R.T. 0.037 min

Lab File: BG063678.D

Acq: 13 Dec 2024 14:45

Instrument :

BNA_G

ClientSampleId :

E28R4

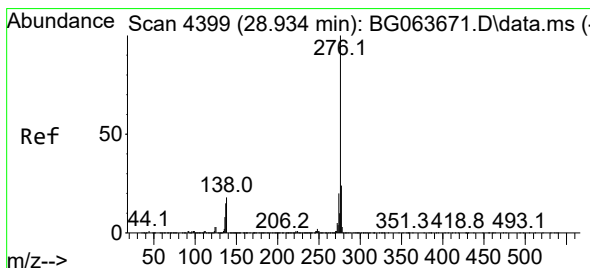
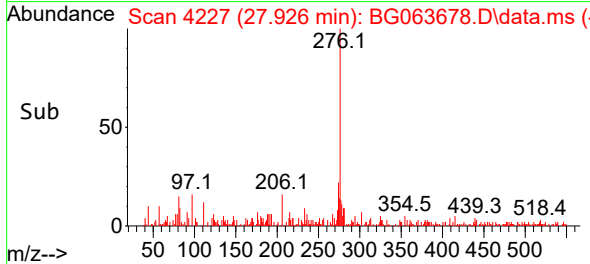
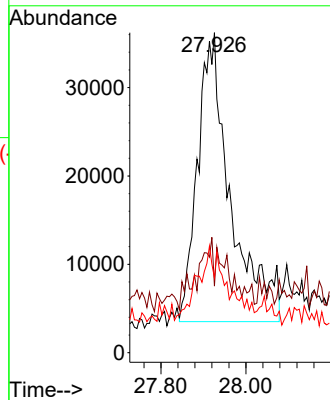
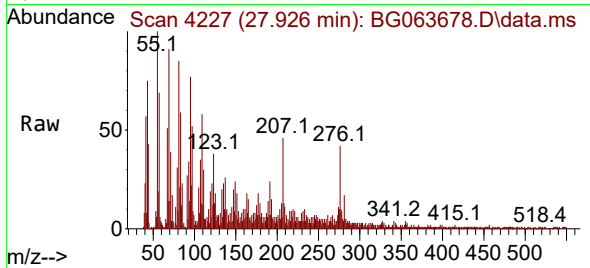
Tgt Ion:	276	Resp:	175924
Ion Ratio	Lower	Upper	
276	100		
138	20.8	13.7	20.5
277	23.4	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#96

Benzo(g,h,i)perylene

Concen: 5.019 ng/ul m

RT: 28.983 min Scan# 4407

Delta R.T. 0.043 min

Lab File: BG063678.D

Acq: 13 Dec 2024 14:45

Tgt Ion:	276	Resp:	198348
Ion Ratio	Lower	Upper	
276	100		
138	36.8	13.8	20.8#
277	30.9	17.8	26.8#

