

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
 Data File : BG063677.D
 Acq On : 13 Dec 2024 14:07
 Operator : RC/JU
 Sample : P5232-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28R6

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 00:24:39 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	7.817	152	232112	20.000	ng/u1	0.00
20) Naphthalene-d8	10.608	136	921083	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	601014	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	1191182	20.000	ng/u1	0.00
79) Chrysene-d12	21.460	240	1110338	20.000	ng/u1	# 0.00
88) Perylene-d12	24.498	264	817323m	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	17551m	2.963	ng/uL	0.00
4) Pyridine-d5	3.699	84	232138	12.424	ng/u1	0.01
7) Phenol-d5	7.012	99	420825	19.686	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.148	67	267101	18.091	ng/u1	0.00
11) 2-Chlorophenol-d4	7.359	132	286854	20.727	ng/u1	0.01
15) 4-Methylphenol-d8	8.540	113	325865m	19.634	ng/u1	0.01
21) Nitrobenzene-d5	8.969	128	75642	11.502	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	22932	3.111	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	294534m	20.636	ng/u1	0.02
31) 4-Chloroaniline-d4	10.749	131	269778	14.886	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	919501	22.484	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	1066917	22.886	ng/u1	0.00
54) 4-Nitrophenol-d4	14.709	143	20699m	3.572	ng/u1	0.03
60) Fluorene-d10	15.450	176	779718	21.564	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	1554	0.251	ng/u1	0.02
73) Anthracene-d10	17.306	188	1228091	23.980	ng/u1	0.00
81) Pyrene-d10	19.609	212	1267949	21.945	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.292	264	866117m	22.566	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.036	94	31978m	1.404	ng/u1	
72) Phenanthrene	17.247	178	75071	1.308	ng/u1#	92
80) Fluoranthene	19.274	202	125209	1.907	ng/u1	100
82) Pyrene	19.639	202	129117	1.848	ng/u1#	96
85) Benzo(a)anthracene	21.443	228	87371	1.256	ng/u1#	82
87) Chrysene	21.507	228	130744	1.971	ng/u1#	73
90) Benzo(b)fluoranthene	23.540	252	147230	3.169	ng/u1#	37
91) Benzo(k)fluoranthene	23.587	252	64150m	1.384	ng/u1	
93) Benzo(a)pyrene	24.357	252	96270m	2.208	ng/u1	
94) Indeno(1,2,3-cd)pyrene	27.917	276	67832m	1.274	ng/u1	
96) Benzo(g,h,i)perylene	28.963	276	75963m	1.798	ng/u1	

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

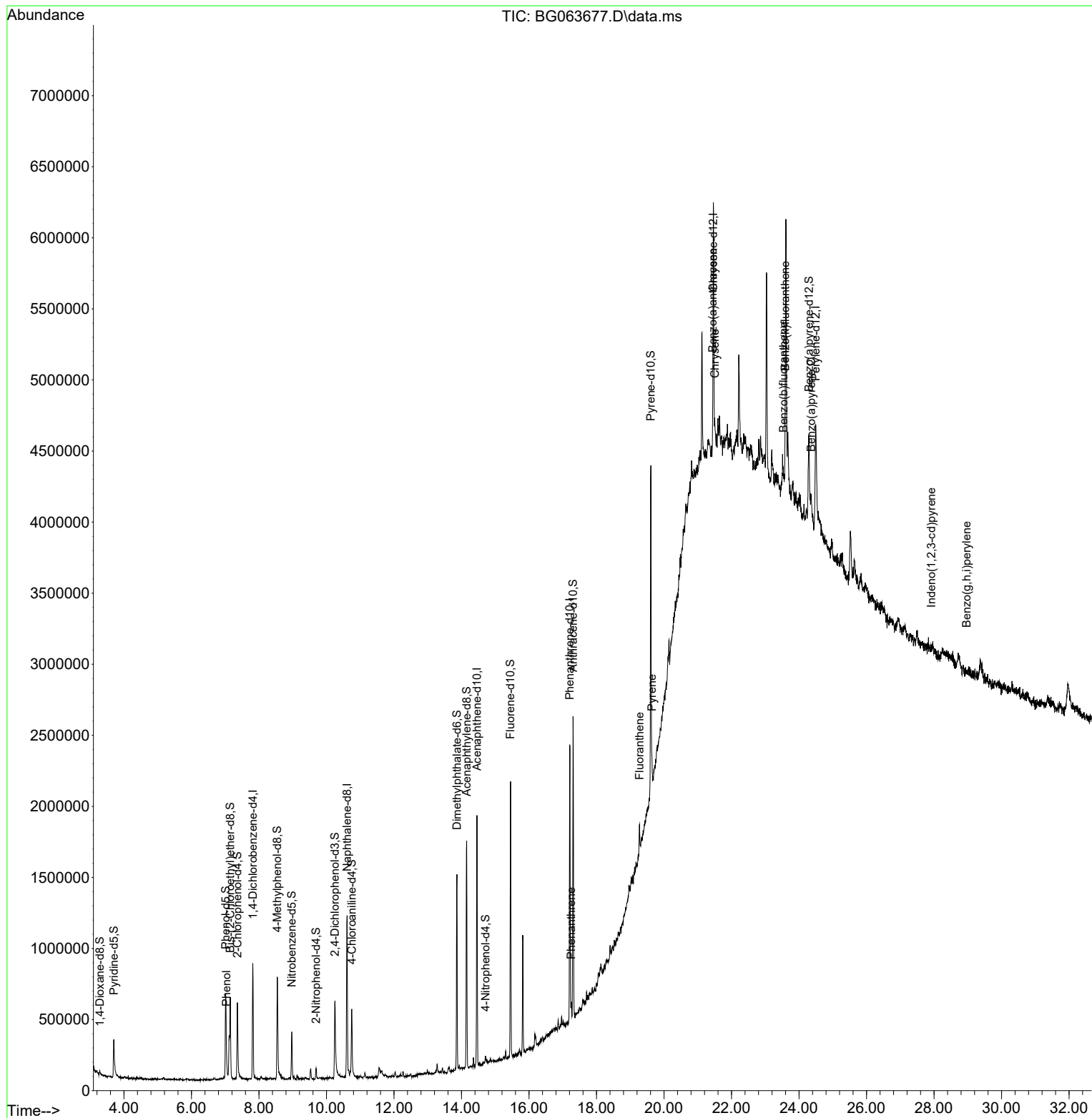
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063677.D
Acq On : 13 Dec 2024 14:07
Operator : RC/JU
Sample : P5232-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

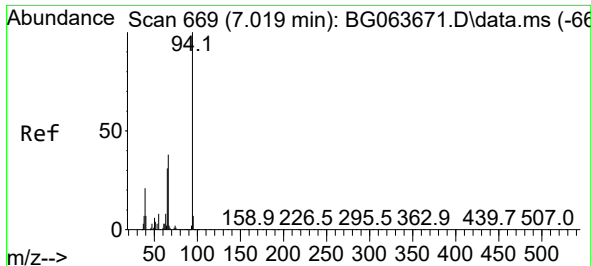
Instrument :
BNA_G
ClientSampleId :
E28R6

Quant Time: Dec 14 00:24:39 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

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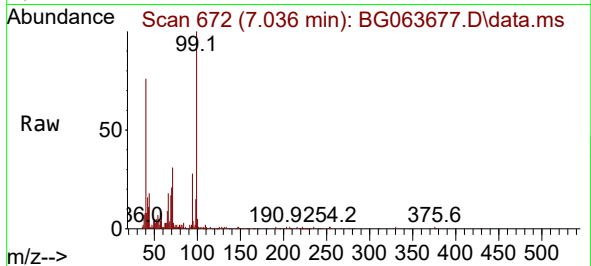
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024





#8
Phenol
Concen: 1.404 ng/ul m
RT: 7.036 min Scan# 61
Delta R.T. 0.017 min
Lab File: BG063677.D
Acq: 13 Dec 2024 14:07

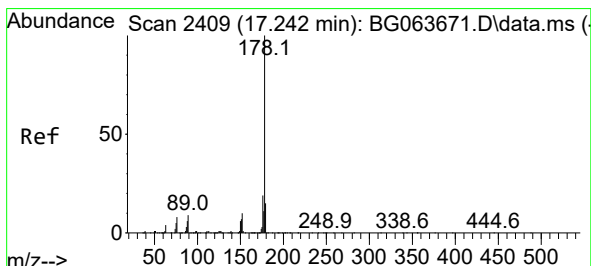
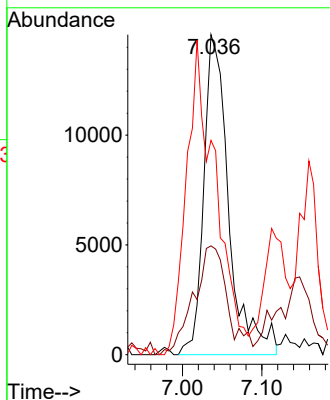
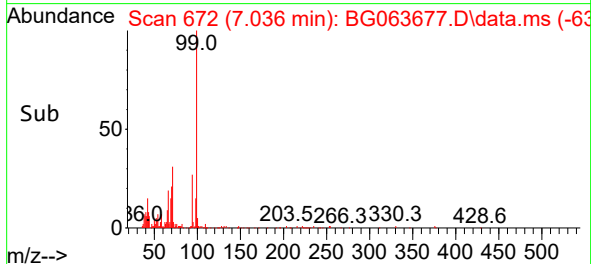
Instrument :
BNA_G
ClientSampleId :
E28R6



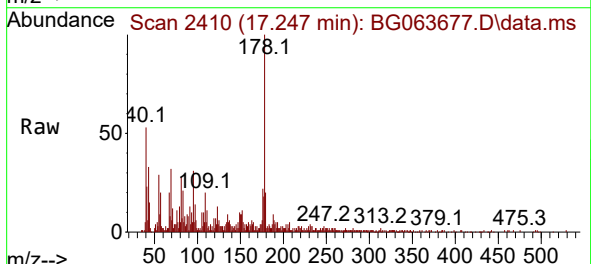
Tgt Ion: 94 Resp: 31978
Ion Ratio Lower Upper
94 100
65 34.0 25.6 38.4
66 67.0 34.2 51.2

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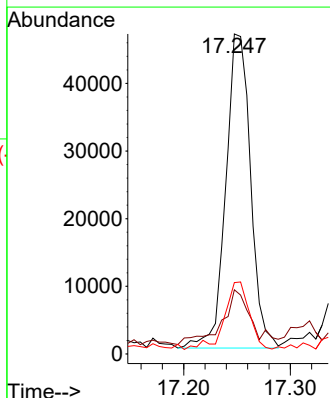
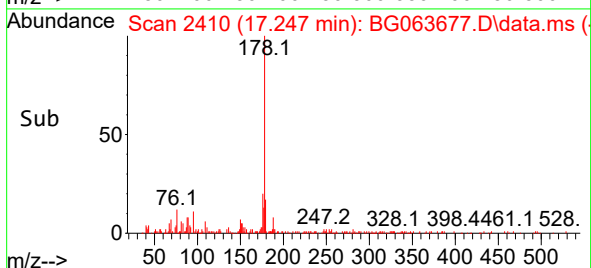
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

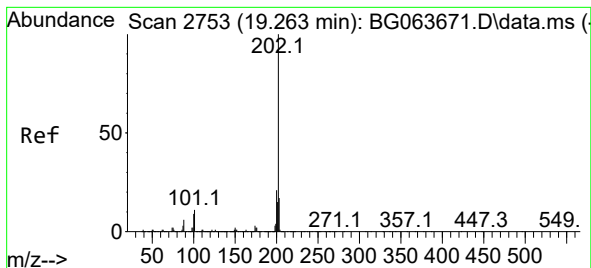


#72
Phenanthrene
Concen: 1.308 ng/ul
RT: 17.247 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG063677.D
Acq: 13 Dec 2024 14:07



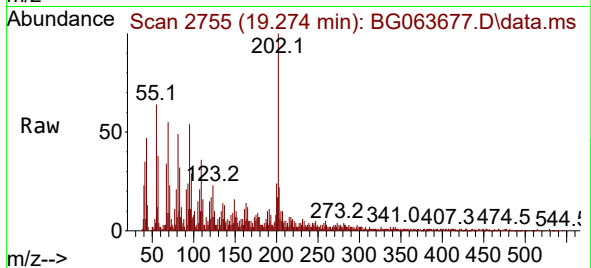
Tgt Ion:178 Resp: 75071
Ion Ratio Lower Upper
178 100
179 20.1 12.2 18.2#
176 22.3 15.8 23.6





#80
Fluoranthene
Concen: 1.907 ng/ul
RT: 19.274 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG063677.D
Acq: 13 Dec 2024 14:07

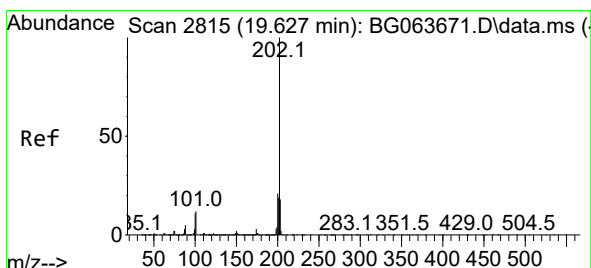
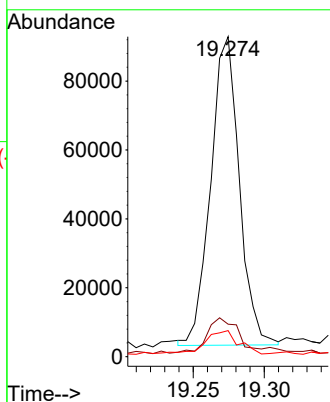
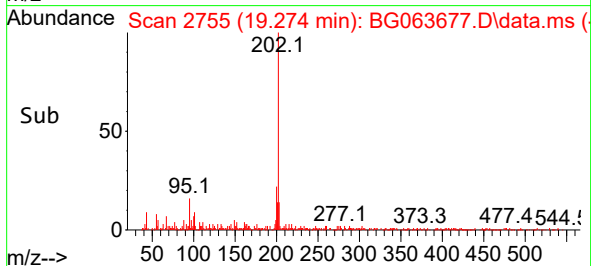
Instrument :
BNA_G
ClientSampleId :
E28R6



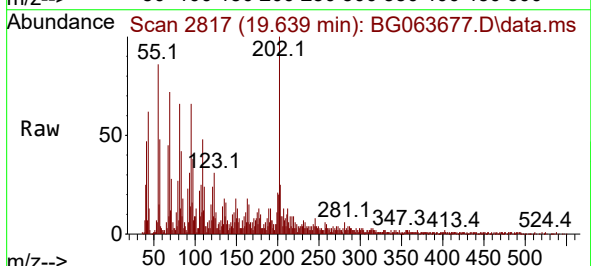
Tgt Ion:202 Resp: 125209
Ion Ratio Lower Upper
202 100
101 10.2 8.1 12.1
100 8.1 6.5 9.7

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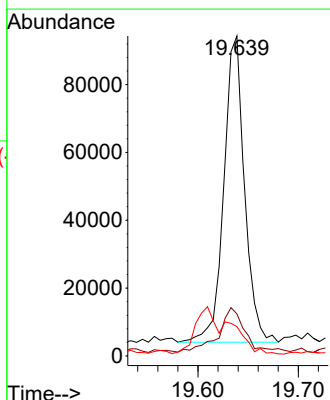
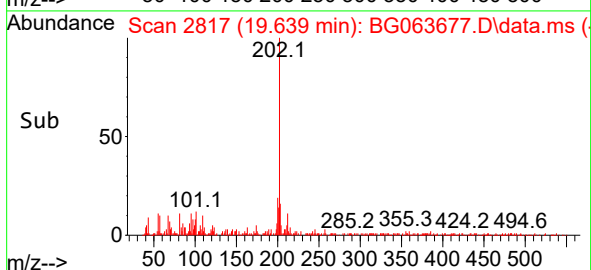
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

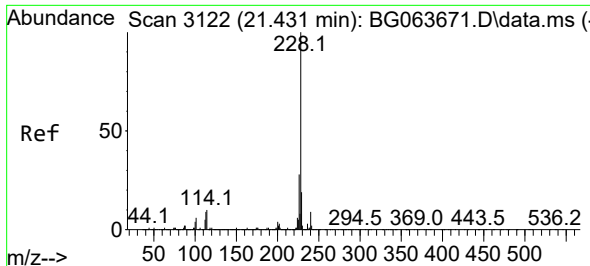


#82
Pyrene
Concen: 1.848 ng/ul
RT: 19.639 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BG063677.D
Acq: 13 Dec 2024 14:07



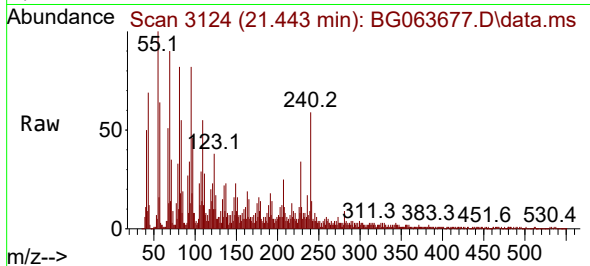
Tgt Ion:202 Resp: 129117
Ion Ratio Lower Upper
202 100
101 13.2 8.7 13.1#
100 9.2 7.8 11.6





#85
Benzo(a)anthracene
Concen: 1.256 ng/ul
RT: 21.443 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BG063677.D
Acq: 13 Dec 2024 14:07

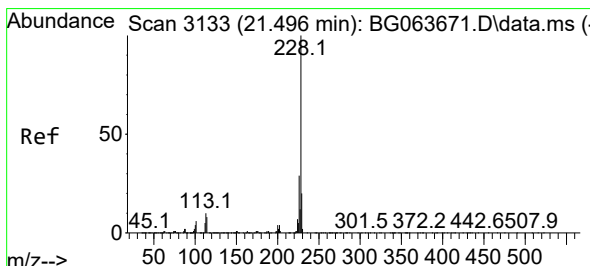
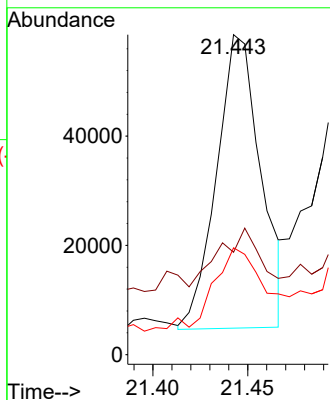
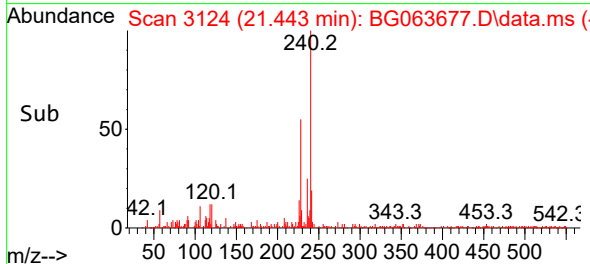
Instrument :
BNA_G
ClientSampleId :
E28R6



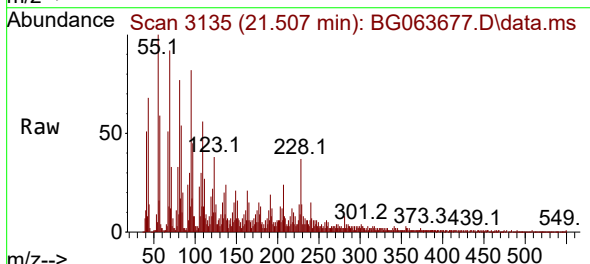
Tgt Ion:228 Resp: 8737
Ion Ratio Lower Upper
228 100
229 32.0 15.7 23.5
226 33.4 22.0 33.0

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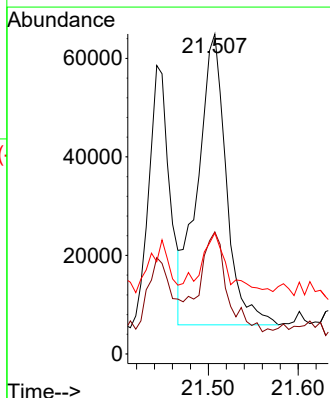
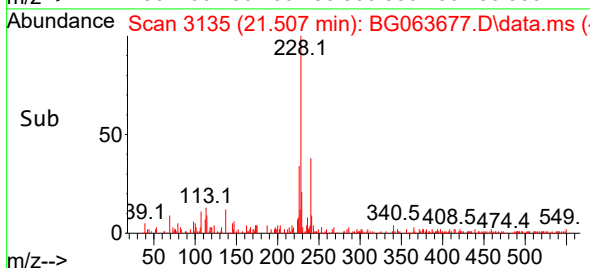
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

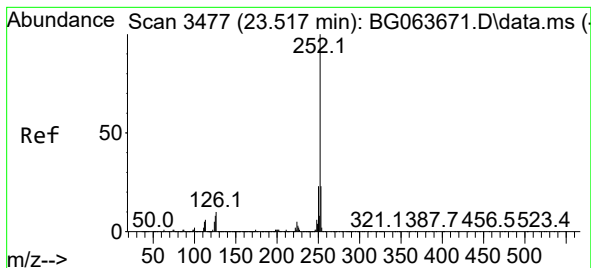


#87
Chrysene
Concen: 1.971 ng/ul
RT: 21.507 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BG063677.D
Acq: 13 Dec 2024 14:07



Tgt Ion:228 Resp: 130744
Ion Ratio Lower Upper
228 100
226 38.2 23.4 35.0#
229 37.8 14.8 22.2#





#90

Benzo(b)fluoranthene

Concen: 3.169 ng/ul

RT: 23.540 min Scan# 3477

Delta R.T. 0.017 min

Lab File: BG063677.D

Acq: 13 Dec 2024 14:07

Instrument :

BNA_G

ClientSampleId :

E28R6

Tgt Ion:252 Resp: 147230

Ion Ratio Lower Upper

252 100

253 33.6 17.7 26.5

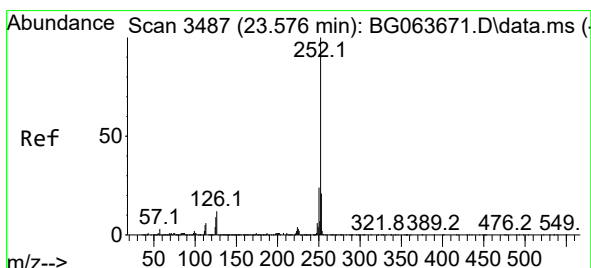
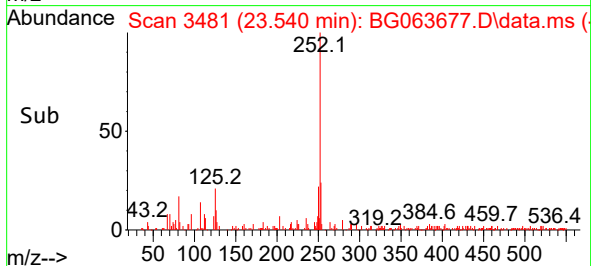
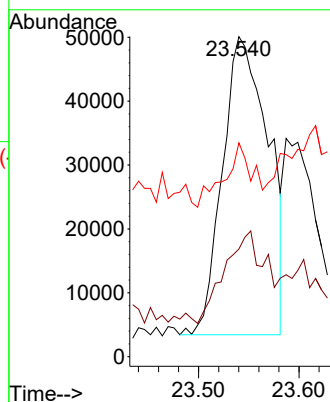
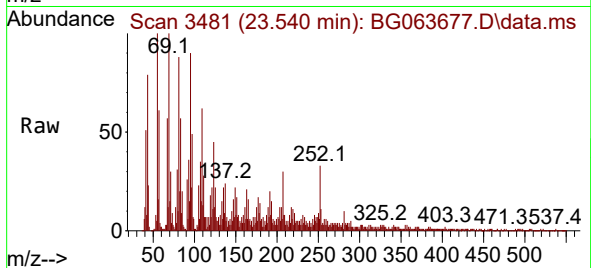
125 66.8 7.0 10.4

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2024



#91

Benzo(k)fluoranthene

Concen: 1.384 ng/ul m

RT: 23.587 min Scan# 3489

Delta R.T. -0.000 min

Lab File: BG063677.D

Acq: 13 Dec 2024 14:07

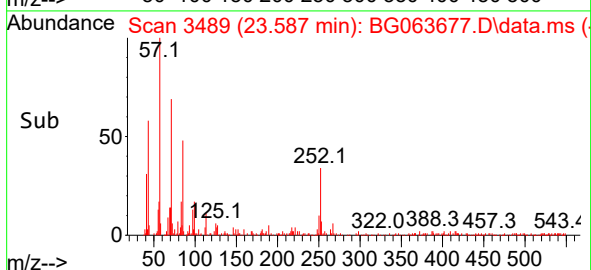
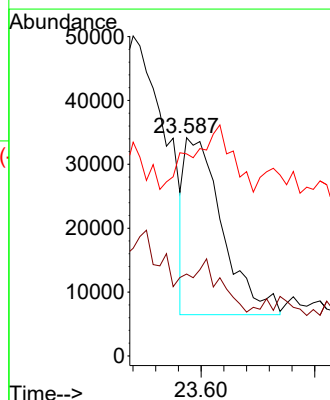
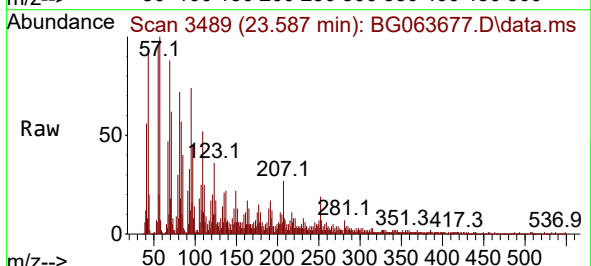
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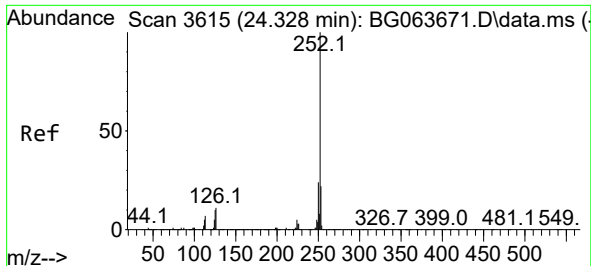
Ion Ratio Lower Upper

252 100

253 37.5 17.7 26.5#

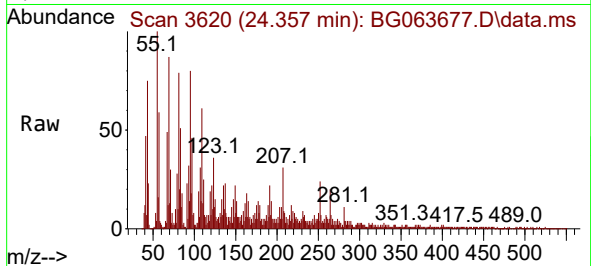
125 92.6 6.5 9.7#





#93
Benzo(a)pyrene
Concen: 2.208 ng/ul m
RT: 24.357 min Scan# 3
Delta R.T. 0.017 min
Lab File: BG063677.D
Acq: 13 Dec 2024 14:07

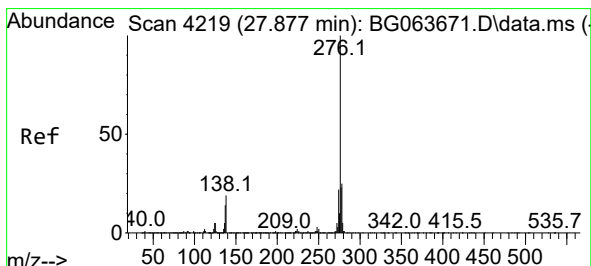
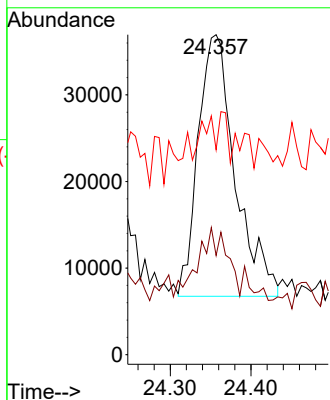
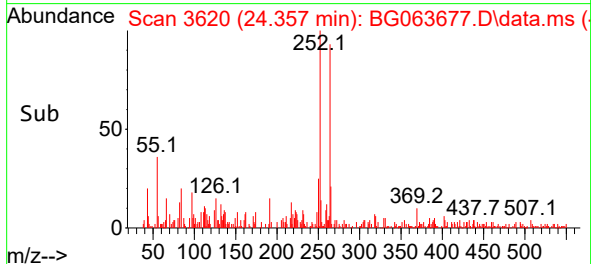
Instrument :
BNA_G
ClientSampleId :
E28R6



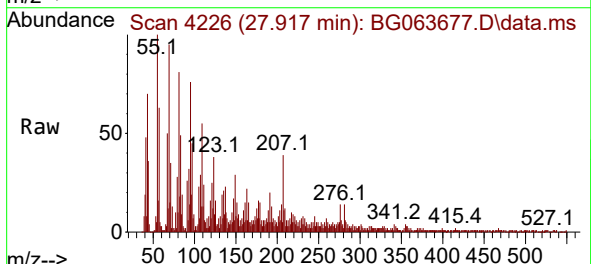
Tgt Ion:252 Resp: 96270
Ion Ratio Lower Upper
252 100
253 31.0 16.6 24.8
125 64.0 8.0 12.0

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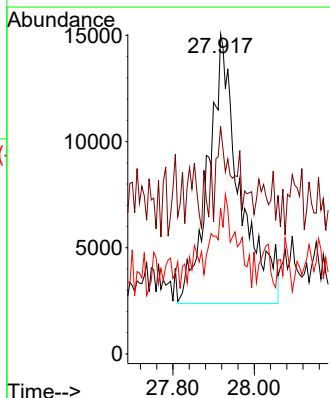
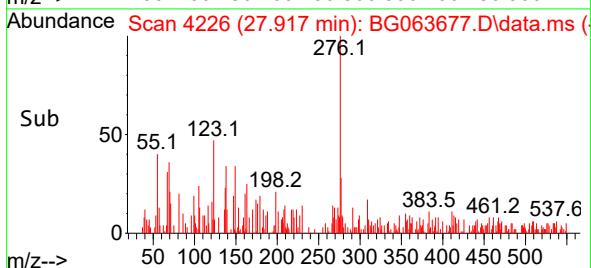
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

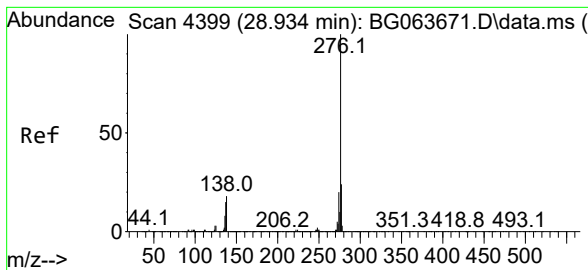


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.274 ng/ul m
RT: 27.917 min Scan# 4226
Delta R.T. 0.029 min
Lab File: BG063677.D
Acq: 13 Dec 2024 14:07



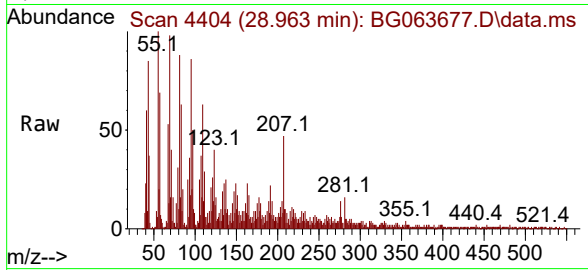
Tgt Ion:276 Resp: 67832
Ion Ratio Lower Upper
276 100
138 71.1 13.7 20.5#
277 45.6 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 1.798 ng/ul m
 RT: 28.963 min Scan# 44
 Delta R.T. 0.023 min
 Lab File: BG063677.D
 Acq: 13 Dec 2024 14:07

Instrument :
 BNA_G
 ClientSampleId :
 E28R6



Tgt Ion:276 Resp: 7596
 Ion Ratio Lower Upper
 276 100
 138 53.4 13.8 20.8
 277 42.9 17.8 26.8

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