

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
 Data File : BG063666.D
 Acq On : 12 Dec 2024 13:57
 Operator : RC/JU
 Sample : P5153-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28Q2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 13 04:32:55 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	7.815	152	238322	20.000	ng/u1	0.00
20) Naphthalene-d8	10.606	136	943336	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.454	164	624890	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1262945	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1167710	20.000	ng/u1	# 0.00
88) Perylene-d12	24.489	264	1319086	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.291	96	18378m	3.022	ng/uL	0.01
4) Pyridine-d5	3.696	84	306594	15.981	ng/u1	0.00
7) Phenol-d5	7.004	99	499919	22.776	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	316788	20.897	ng/u1	0.00
11) 2-Chlorophenol-d4	7.356	132	326170	22.953	ng/u1	0.00
15) 4-Methylphenol-d8	8.532	113	356892	20.943	ng/u1	0.00
21) Nitrobenzene-d5	8.972	128	163337	24.250	ng/u1	0.00
24) 2-Nitrophenol-d4	9.689	143	182955	24.232	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.235	165	347364	23.763	ng/u1	0.00
31) 4-Chloroaniline-d4	10.741	131	247539	13.337	ng/u1	0.00
46) Dimethylphthalate-d6	13.861	166	1048498	24.658	ng/u1	0.00
49) Acenaphthylene-d8	14.149	160	1200392	24.765	ng/u1	0.00
54) 4-Nitrophenol-d4	14.689	143	113798	18.889	ng/u1	0.01
60) Fluorene-d10	15.447	176	873083	23.223	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.582	200	11147	1.700	ng/u1	0.00
73) Anthracene-d10	17.304	188	1342298	24.721	ng/u1	0.00
81) Pyrene-d10	19.607	212	1446461	23.804	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.284	264	1318130	21.279	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.033	94	28978	1.239	ng/u1	97
72) Phenanthrene	17.251	178	212054	3.484	ng/u1	96
80) Fluoranthene	19.272	202	302298	4.377	ng/u1	98
82) Pyrene	19.630	202	249171	3.391	ng/u1#	94
85) Benzo(a)anthracene	21.440	228	135317	1.849	ng/u1#	93
87) Chrysene	21.505	228	156178	2.239	ng/u1#	95
90) Benzo(b)fluoranthene	23.532	252	208363	2.779	ng/u1#	76
93) Benzo(a)pyrene	24.342	252	143528	2.040	ng/u1#	70
94) Indeno(1,2,3-cd)pyrene	27.909	276	104126m	1.212	ng/u1	
96) Benzo(g,h,i)perylene	28.978	276	106099m	1.556	ng/u1	

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

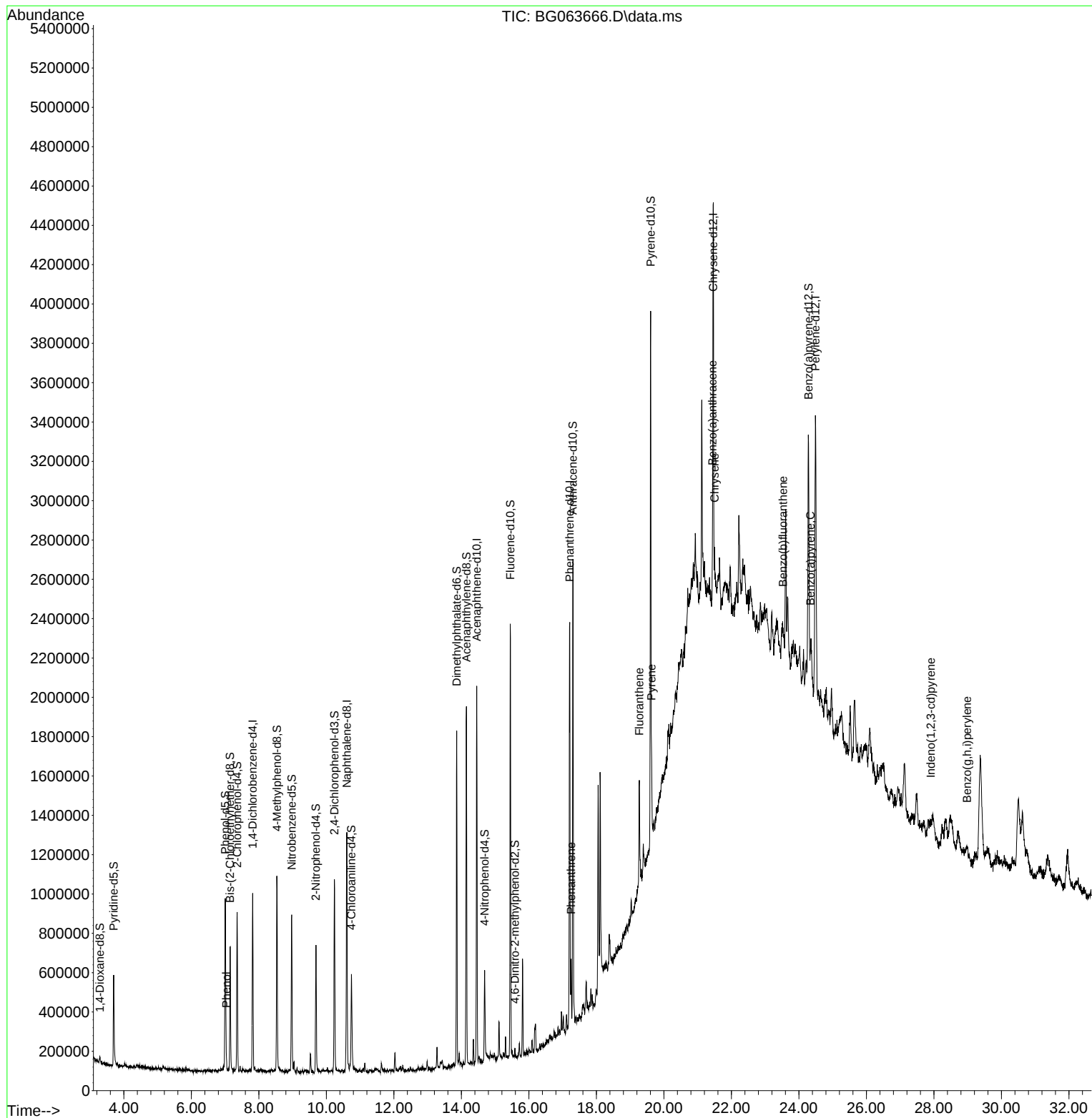
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
 Data File : BG063666.D
 Acq On : 12 Dec 2024 13:57
 Operator : RC/JU
 Sample : P5153-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

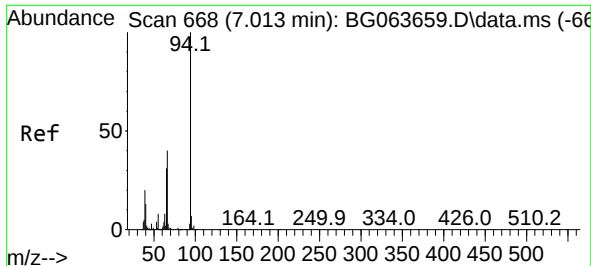
Instrument :
 BNA_G
 ClientSampleId :
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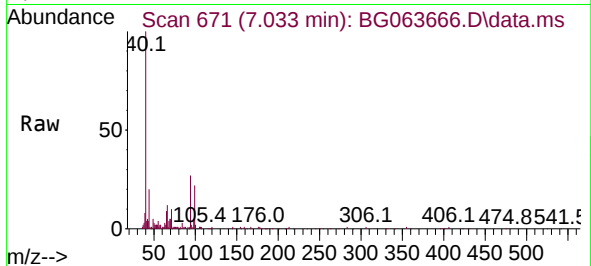
Quant Time: Dec 13 04:32:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration





#8
Phenol
Concen: 1.239 ng/ul
RT: 7.033 min Scan# 61
Delta R.T. 0.015 min
Lab File: BG063666.D
Acq: 12 Dec 2024 13:57

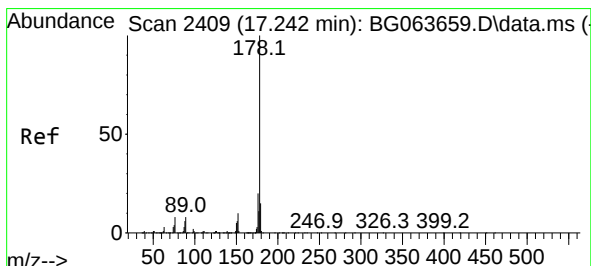
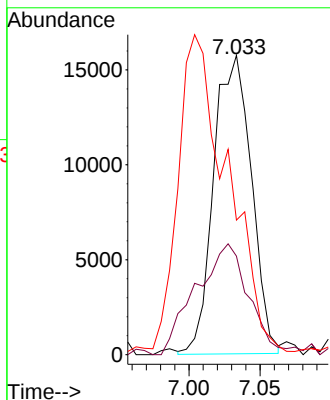
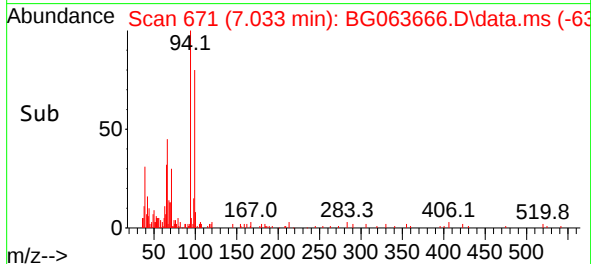
Instrument :
BNA_G
ClientSampleId :
E28Q2



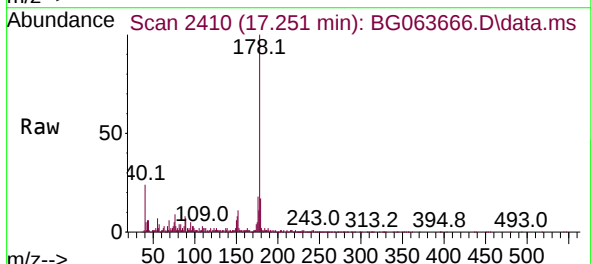
Tgt Ion: 94 Resp: 28978
Ion Ratio Lower Upper
94 100
65 32.9 25.6 38.4
66 44.9 34.2 51.2

Manual Integrations
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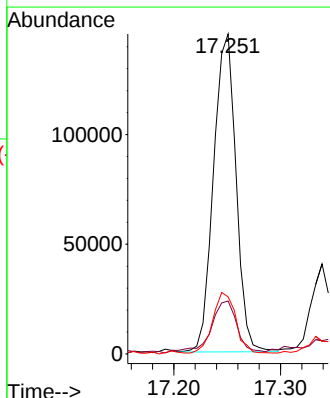
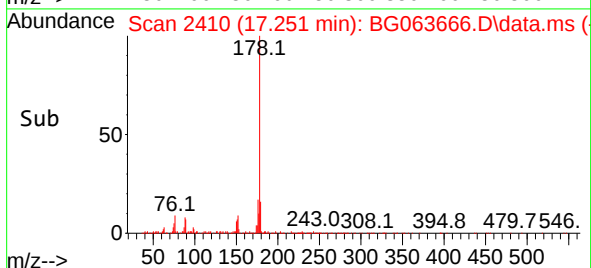
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

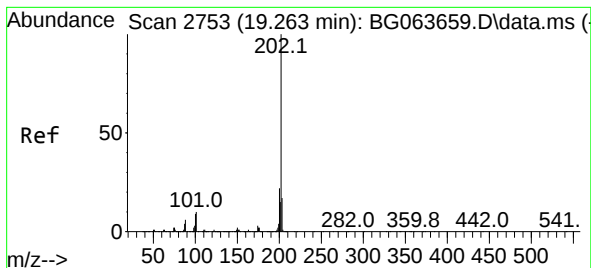


#72
Phenanthrene
Concen: 3.484 ng/ul
RT: 17.251 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG063666.D
Acq: 12 Dec 2024 13:57



Tgt Ion:178 Resp: 212054
Ion Ratio Lower Upper
178 100
179 16.6 12.2 18.2
176 17.9 15.8 23.6





#80

Fluoranthene

Concen: 4.377 ng/uI

RT: 19.272 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG063666.D

Acq: 12 Dec 2024 13:57

Instrument :

BNL_G

ClientSampleId :

E28Q2

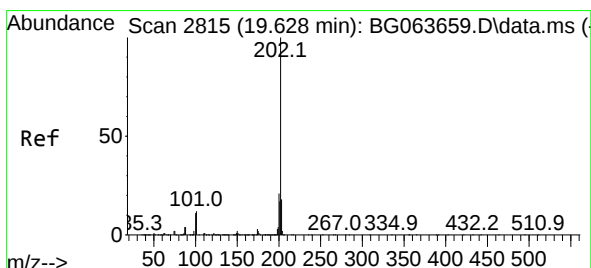
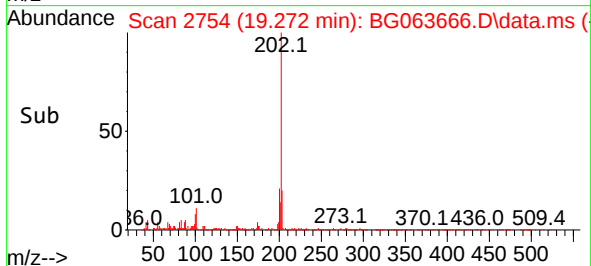
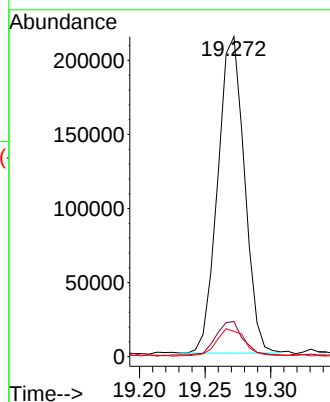
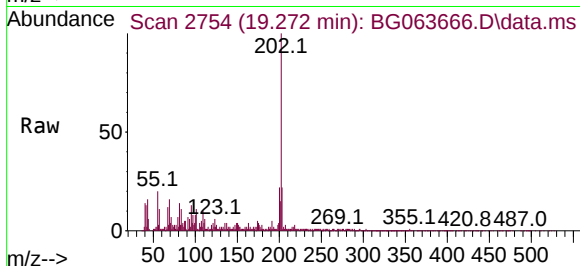
Tgt Ion:202 Resp: 302298
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.1 12.1
 100 7.9 6.5 9.7

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#82

Pyrene

Concen: 3.391 ng/uI

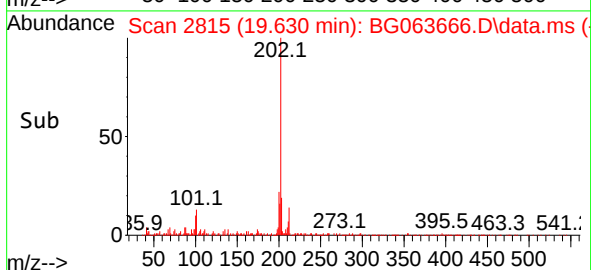
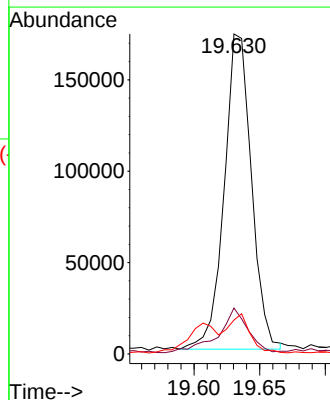
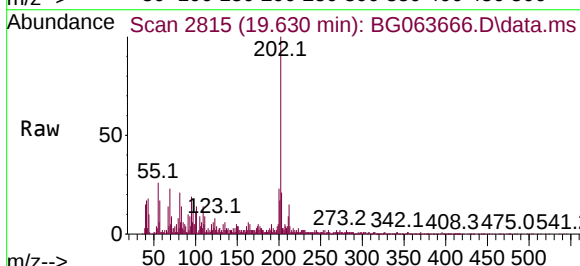
RT: 19.630 min Scan# 2815

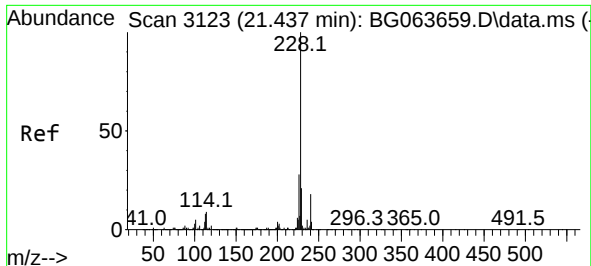
Delta R.T. -0.003 min

Lab File: BG063666.D

Acq: 12 Dec 2024 13:57

Tgt Ion:202 Resp: 249171
 Ion Ratio Lower Upper
 202 100
 101 14.3 8.7 13.1#
 100 10.6 7.8 11.6





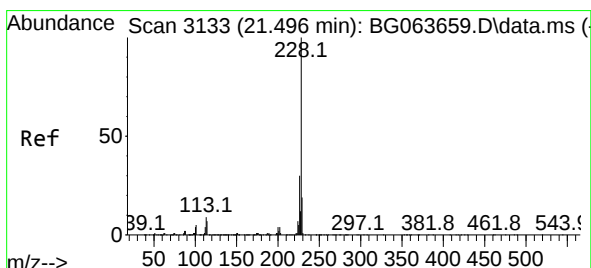
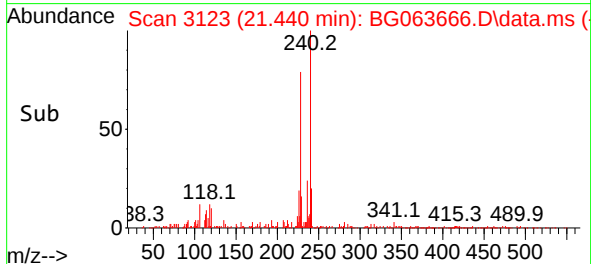
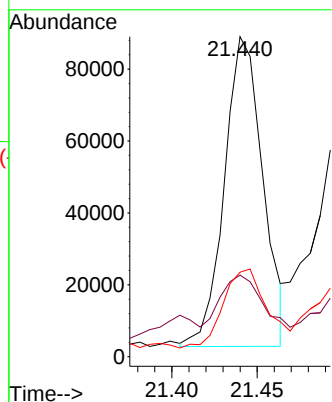
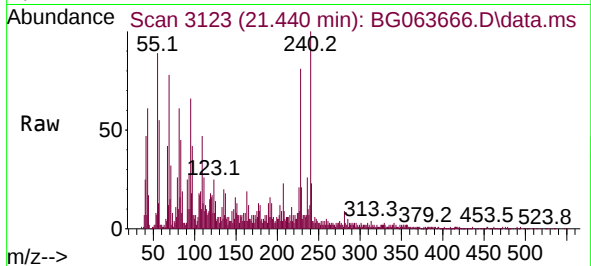
#85
Benzo(a)anthracene
Concen: 1.849 ng/ul
RT: 21.440 min Scan# 3123
Delta R.T. -0.003 min
Lab File: BG063666.D
Acq: 12 Dec 2024 13:57

Instrument :
BNA_G
ClientSampleId :
E28Q2

Tgt Ion:228 Resp: 135317
Ion Ratio Lower Upper
228 100
229 25.5 15.7 23.5
226 26.4 22.0 33.0

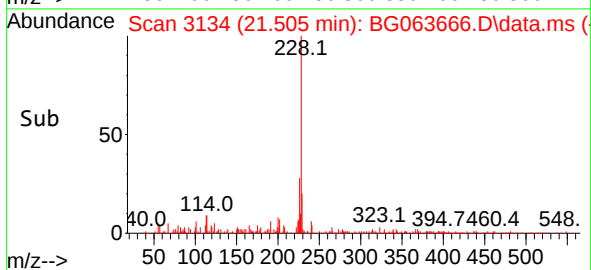
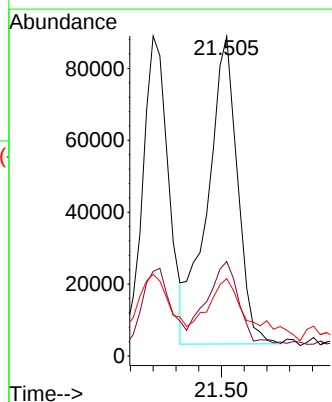
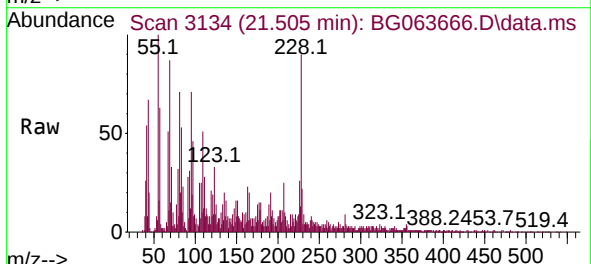
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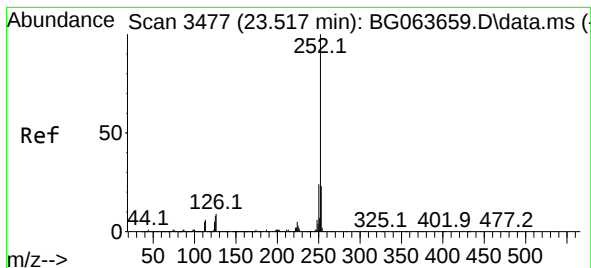
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#87
Chrysene
Concen: 2.239 ng/ul
RT: 21.505 min Scan# 3134
Delta R.T. 0.003 min
Lab File: BG063666.D
Acq: 12 Dec 2024 13:57

Tgt Ion:228 Resp: 156178
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.0
229 24.3 14.8 22.2





#90

Benzo(b)fluoranthene

Concen: 2.779 ng/uI

RT: 23.532 min Scan# 3477

Delta R.T. 0.009 min

Lab File: BG063666.D

Acq: 12 Dec 2024 13:57

Instrument :

BNA_G

ClientSampleId :

E28Q2

Tgt Ion:252 Resp: 20836

Ion Ratio Lower Upper

252 100

253 28.1 17.7 26.5

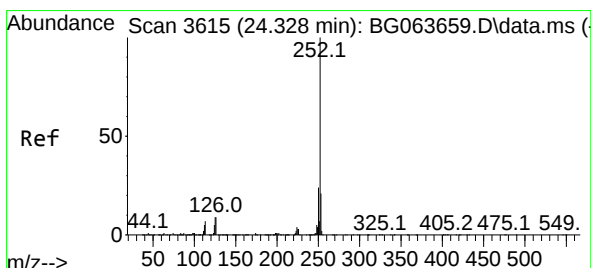
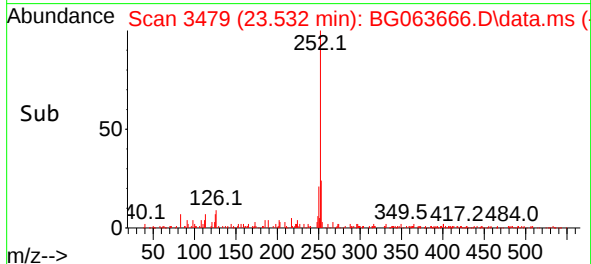
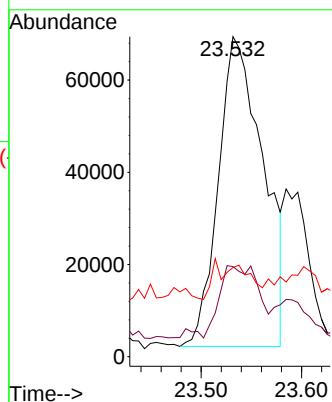
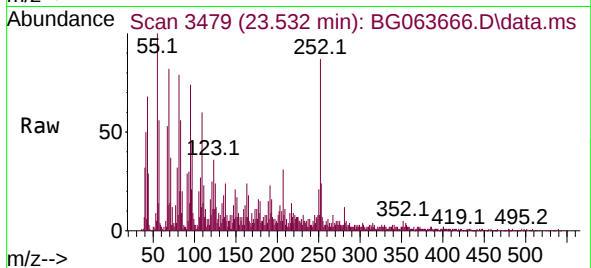
125 27.8 7.0 10.4

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.040 ng/uI

RT: 24.342 min Scan# 3617

Delta R.T. 0.003 min

Lab File: BG063666.D

Acq: 12 Dec 2024 13:57

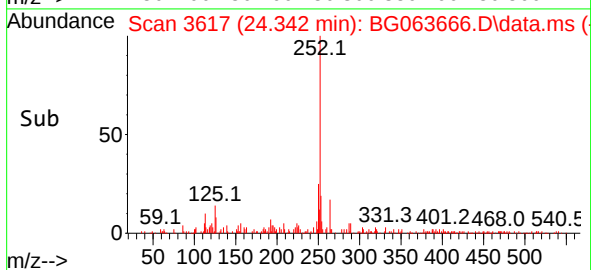
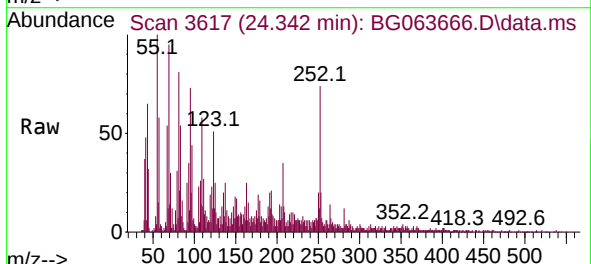
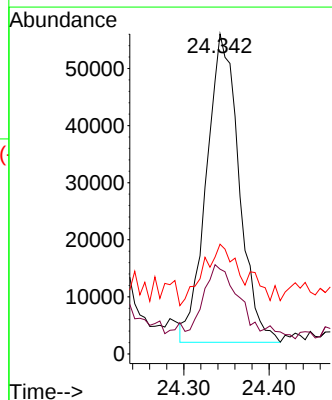
Tgt Ion:252 Resp: 143528

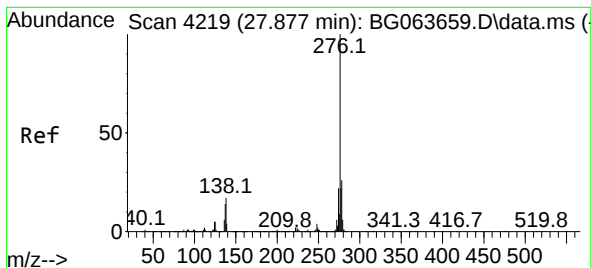
Ion Ratio Lower Upper

252 100

253 26.5 16.6 24.8#

125 34.3 8.0 12.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.212 ng/ul m

RT: 27.909 min Scan# 4

Delta R.T. 0.021 min

Lab File: BG063666.D

Acq: 12 Dec 2024 13:57

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BNA_G

ClientSampleId :

E28Q2

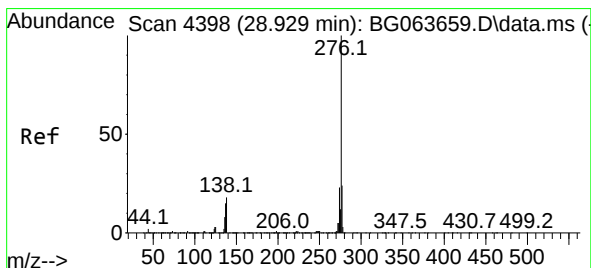
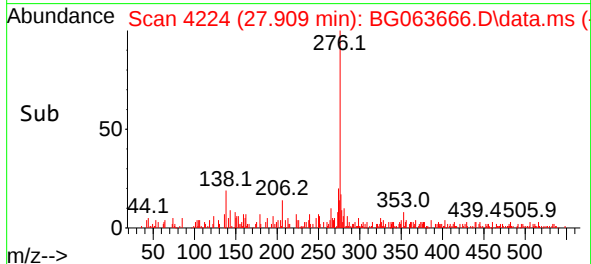
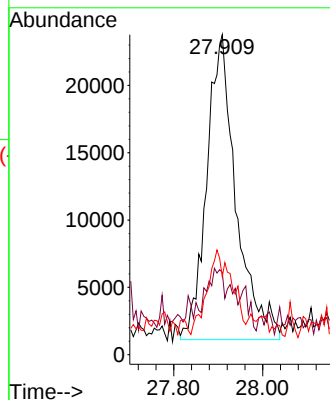
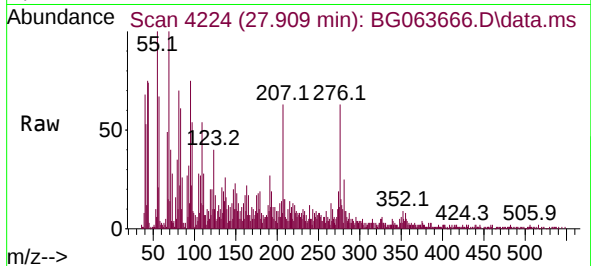
Tgt Ion:	276	Resp:	104120
Ion Ratio	Lower	Upper	
276	100		
138	25.7	13.7	20.5
277	24.4	18.4	27.6

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.556 ng/ul m

RT: 28.978 min Scan# 4406

Delta R.T. 0.038 min

Lab File: BG063666.D

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Tgt Ion:	276	Resp:	106099
Ion Ratio	Lower	Upper	
276	100		
138	24.7	13.8	20.8
277	20.7	17.8	26.8

