

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
 Data File : BG063663.D
 Acq On : 12 Dec 2024 12:04
 Operator : RC/JU
 Sample : P5153-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28P9

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 22:14:02 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	186190	20.000	ng/u1	0.00
20) Naphthalene-d8	10.600	136	747023	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.448	164	533227	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1120119	20.000	ng/u1	0.00
79) Chrysene-d12	21.458	240	1085263	20.000	ng/u1	0.00
88) Perylene-d12	24.501	264	1218249	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	26054	5.484	ng/uL	0.00
4) Pyridine-d5	3.685	84	443017	29.558	ng/u1	0.00
7) Phenol-d5	6.992	99	589297	34.366	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	388454	32.799	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	386003	34.770	ng/u1	0.00
15) 4-Methylphenol-d8	8.526	113	406220	30.512	ng/u1	0.00
21) Nitrobenzene-d5	8.967	128	198412	37.199	ng/u1	0.00
24) 2-Nitrophenol-d4	9.683	143	224907	37.617	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.230	165	430752	37.212	ng/u1	0.00
31) 4-Chloroaniline-d4	10.741	131	254037	17.284	ng/u1	0.00
46) Dimethylphthalate-d6	13.855	166	1342874	37.010	ng/u1	0.00
49) Acenaphthylene-d8	14.143	160	1545318	37.361	ng/u1	0.00
54) 4-Nitrophenol-d4	14.678	143	167462	32.574	ng/u1	0.00
60) Fluorene-d10	15.447	176	1146209	35.729	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.577	200	135902	23.368	ng/u1	0.00
73) Anthracene-d10	17.304	188	1790345	37.177	ng/u1	0.00
81) Pyrene-d10	19.601	212	1964088	34.778	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.296	264	1910859	33.401	ng/u1	0.02
Target Compounds					Qvalue	
8) Phenol	7.016	94	38204	2.090	ng/u1#	85
72) Phenanthrene	17.245	178	133146	2.467	ng/u1	99
80) Fluoranthene	19.266	202	197128	3.071	ng/u1	96
82) Pyrene	19.631	202	177130	2.594	ng/u1#	96
85) Benzo(a)anthracene	21.440	228	135324	1.990	ng/u1#	77
87) Chrysene	21.505	228	215900	3.331	ng/u1#	90
90) Benzo(b)fluoranthene	23.538	252	334265	4.828	ng/u1#	73
91) Benzo(k)fluoranthene	23.597	252	79961	1.158	ng/u1#	53
93) Benzo(a)pyrene	24.355	252	153313	2.359	ng/u1#	71
94) Indeno(1,2,3-cd)pyrene	27.903	276	149497m	1.884	ng/u1	
96) Benzo(g,h,i)perylene	28.973	276	203542m	3.232	ng/u1	

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

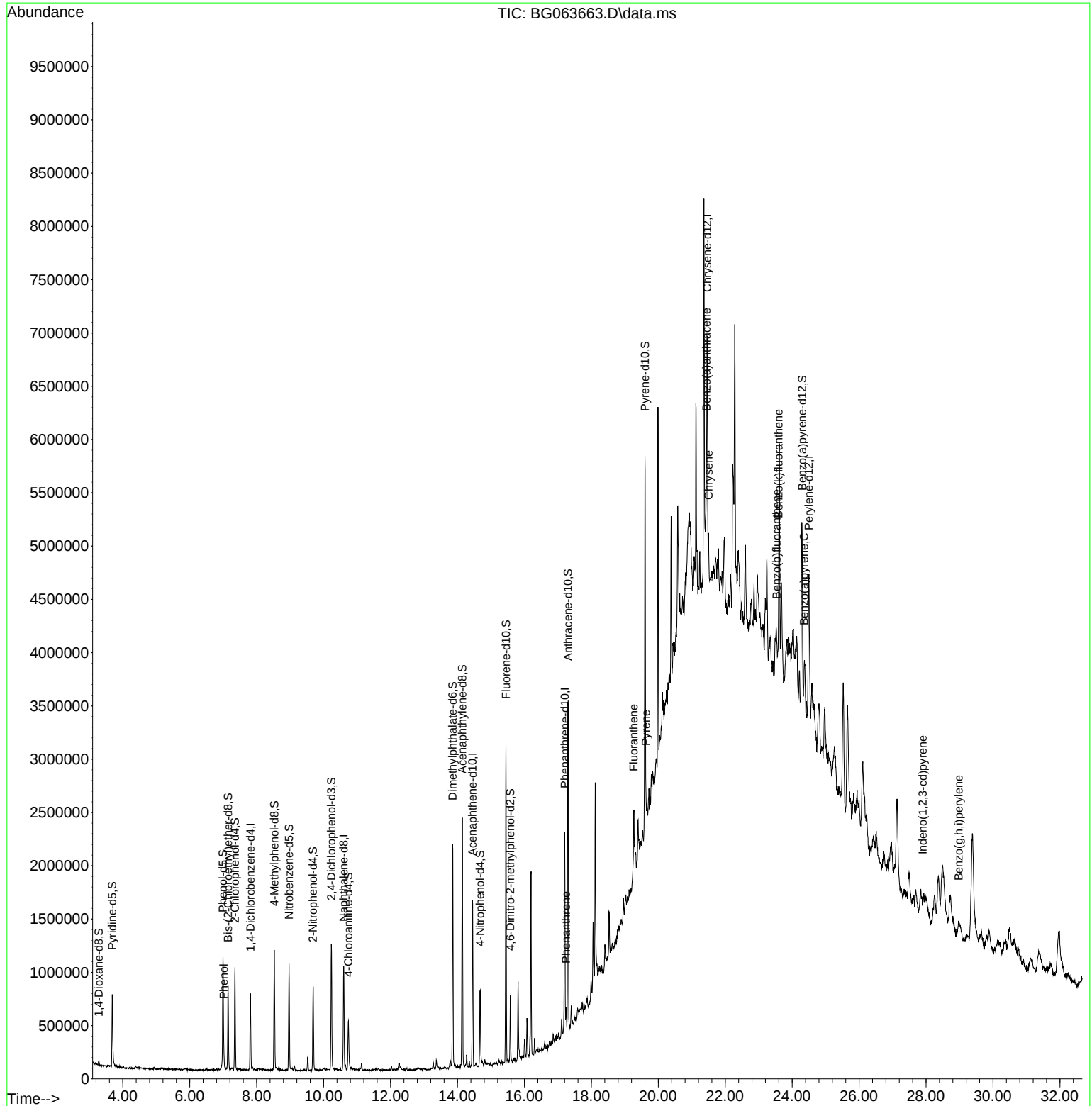
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
 Data File : BG063663.D
 Acq On : 12 Dec 2024 12:04
 Operator : RC/JU
 Sample : P5153-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

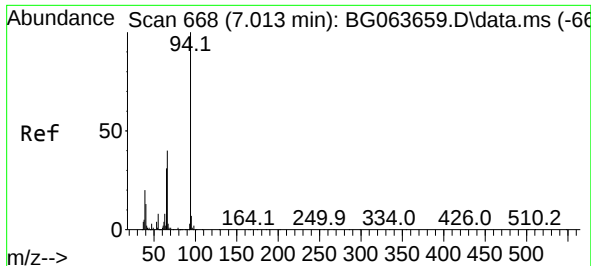
Instrument :
 BNA_G
 ClientSampleId :
 E28P9

Quant Time: Dec 12 22:14:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
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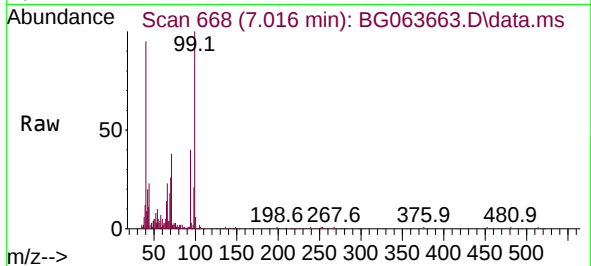
Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024





#8
Phenol
Concen: 2.090 ng/ul
RT: 7.016 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG063663.D
Acq: 12 Dec 2024 12:04

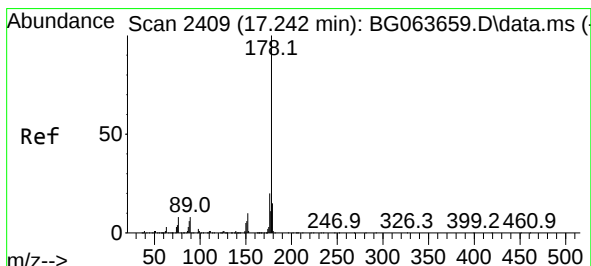
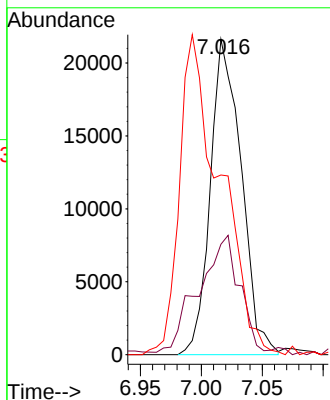
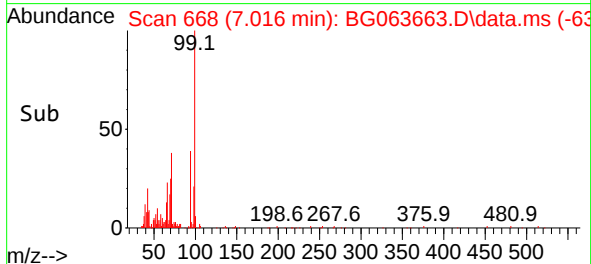
Instrument :
BNA_G
ClientSampleId :
E28P9



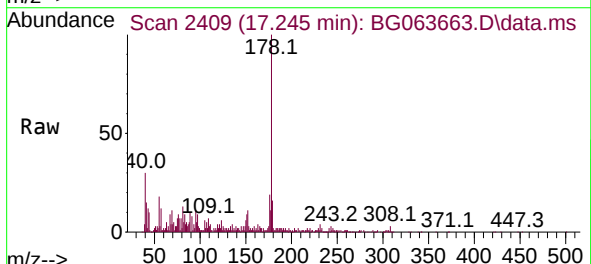
Tgt Ion: 94 Resp: 38204
Ion Ratio Lower Upper
94 100
65 35.0 25.6 38.4
66 57.0 34.2 51.2

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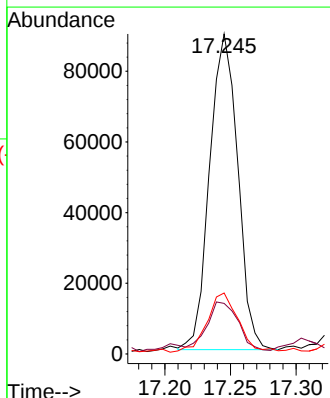
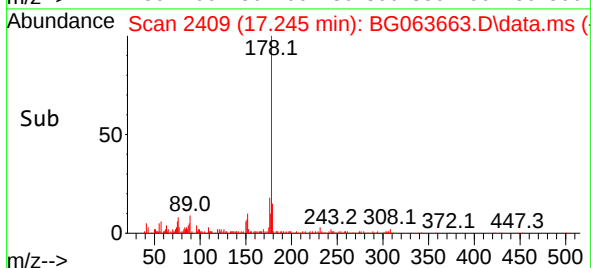
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

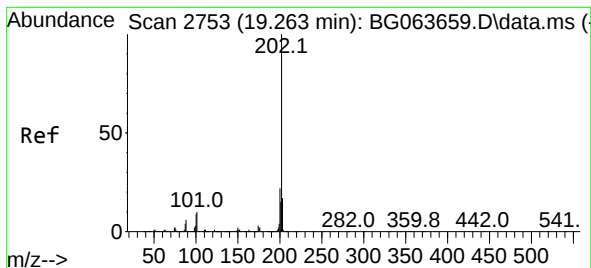


#72
Phenanthrene
Concen: 2.467 ng/ul
RT: 17.245 min Scan# 2409
Delta R.T. -0.003 min
Lab File: BG063663.D
Acq: 12 Dec 2024 12:04



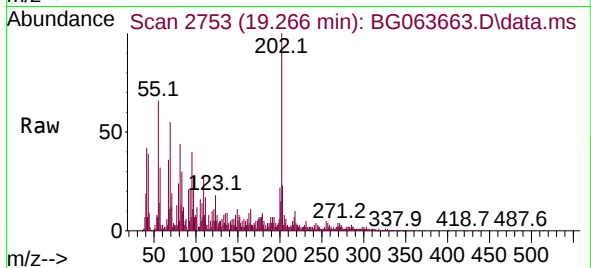
Tgt Ion:178 Resp: 133146
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 19.1 15.8 23.6





#80
Fluoranthene
Concen: 3.071 ng/ul
RT: 19.266 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG063663.D
Acq: 12 Dec 2024 12:04

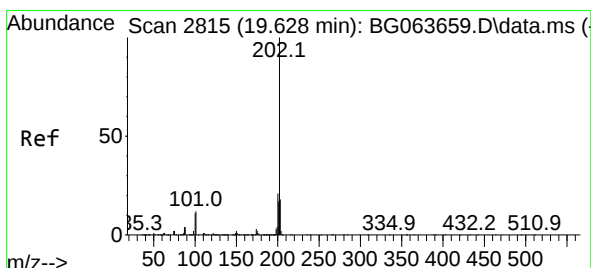
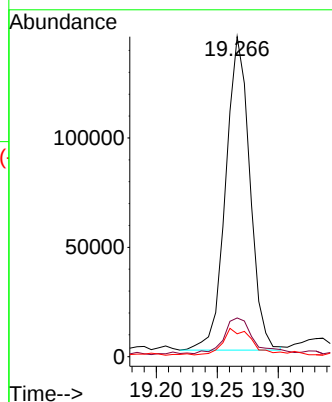
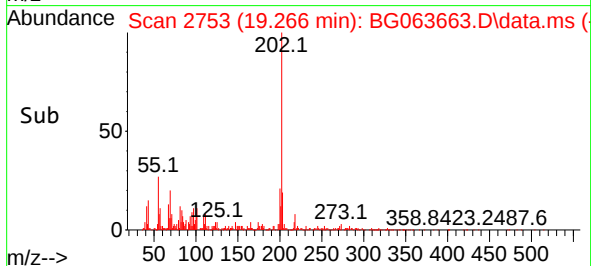
Instrument :
BNA_G
ClientSampleId :
E28P9



Tgt Ion:202 Resp: 197128
Ion Ratio Lower Upper
202 100
101 12.1 8.1 12.1
100 7.2 6.5 9.7

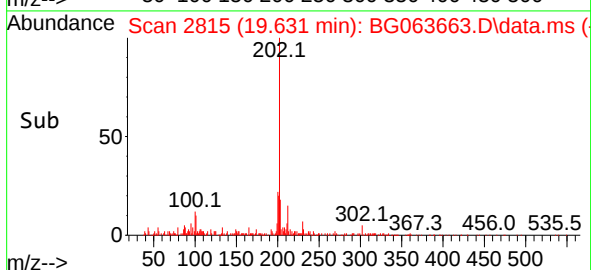
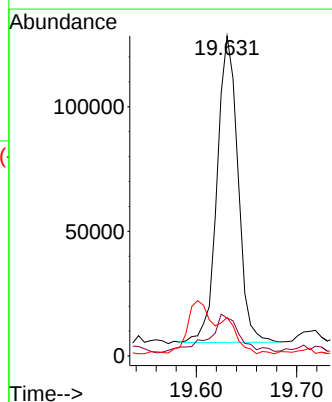
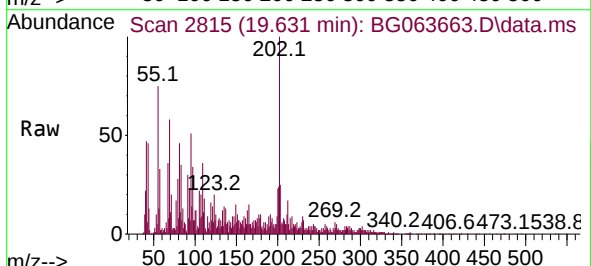
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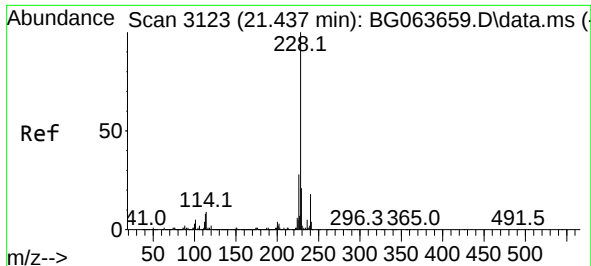
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#82
Pyrene
Concen: 2.594 ng/ul
RT: 19.631 min Scan# 2815
Delta R.T. -0.003 min
Lab File: BG063663.D
Acq: 12 Dec 2024 12:04

Tgt Ion:202 Resp: 177130
Ion Ratio Lower Upper
202 100
101 11.9 8.7 13.1
100 12.0 7.8 11.6#





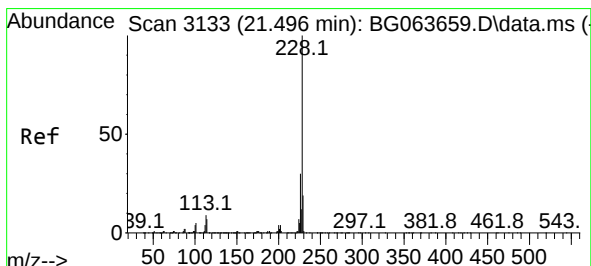
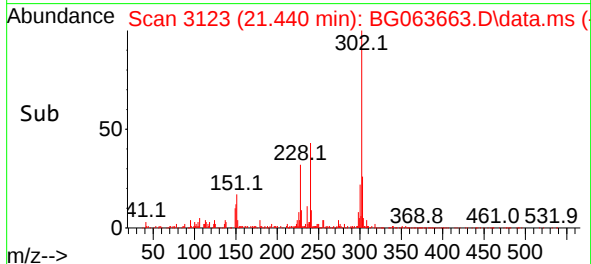
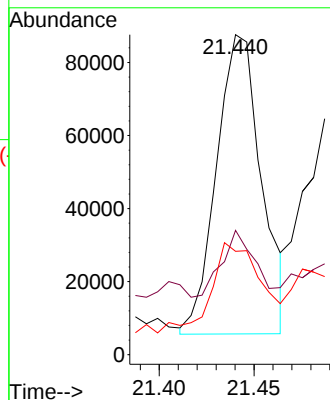
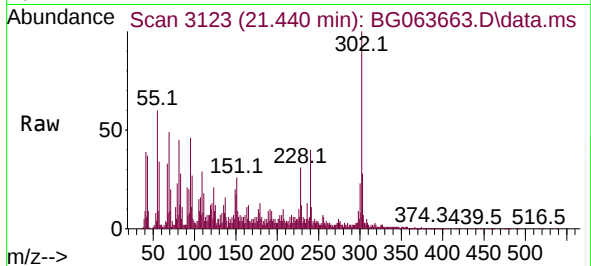
#85
Benzo(a)anthracene
Concen: 1.990 ng/u1
RT: 21.440 min Scan# 3123
Delta R.T. -0.003 min
Lab File: BG063663.D
Acq: 12 Dec 2024 12:04

Instrument :
BNA_G
ClientSampleId :
E28P9

Tgt Ion:228 Resp: 135324
Ion Ratio Lower Upper
228 100
229 38.8 15.7 23.5
226 32.3 22.0 33.0

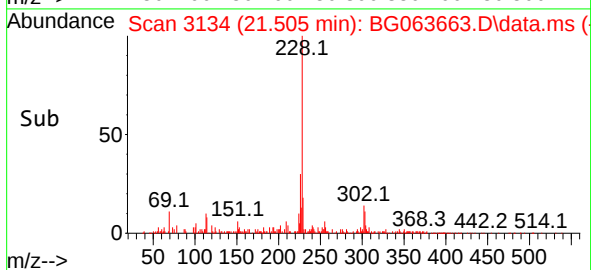
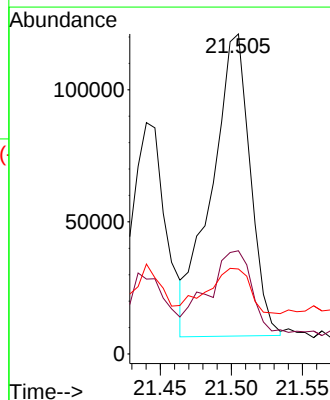
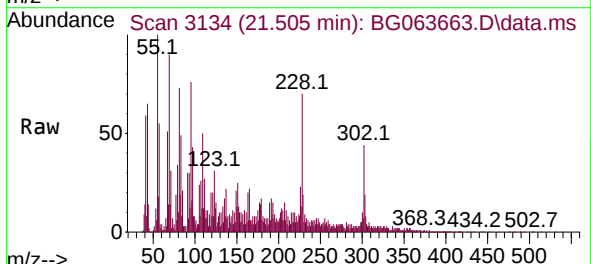
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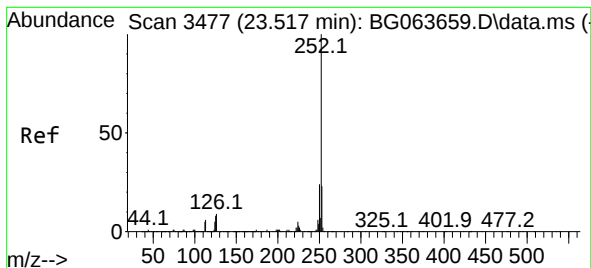
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#87
Chrysene
Concen: 3.331 ng/u1
RT: 21.505 min Scan# 3134
Delta R.T. 0.003 min
Lab File: BG063663.D
Acq: 12 Dec 2024 12:04

Tgt Ion:228 Resp: 215900
Ion Ratio Lower Upper
228 100
226 32.3 23.4 35.0
229 26.6 14.8 22.2#





#90

Benzo(b)fluoranthene

Concen: 4.828 ng/ul

RT: 23.538 min Scan# 3477

Delta R.T. 0.015 min

Lab File: BG063663.D

Acq: 12 Dec 2024 12:04

Instrument :

BNA_G

ClientSampleId :

E28P9

Tgt Ion:252 Resp: 33426

Ion Ratio Lower Upper

252 100

253 30.1 17.7 26.5

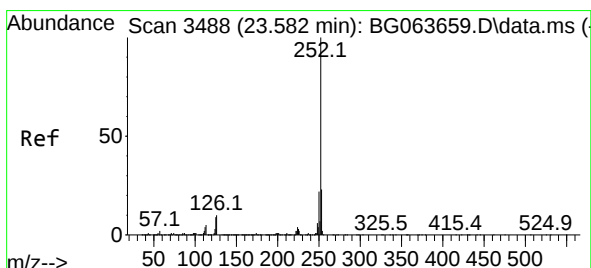
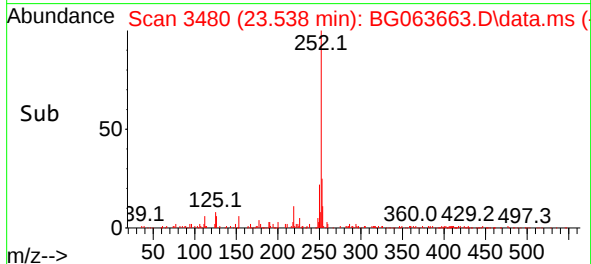
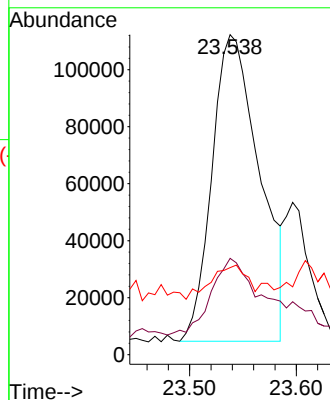
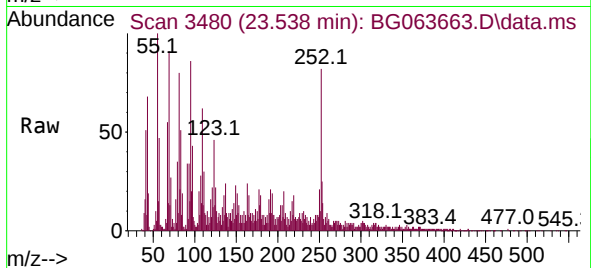
125 27.2 7.0 10.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#91

Benzo(k)fluoranthene

Concen: 1.158 ng/ul

RT: 23.597 min Scan# 3490

Delta R.T. 0.009 min

Lab File: BG063663.D

Acq: 12 Dec 2024 12:04

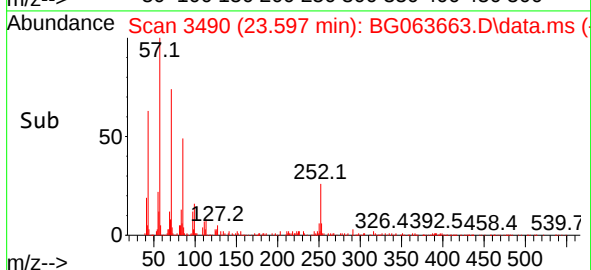
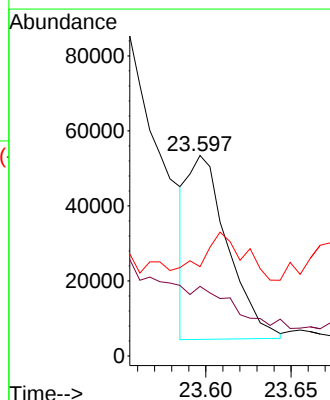
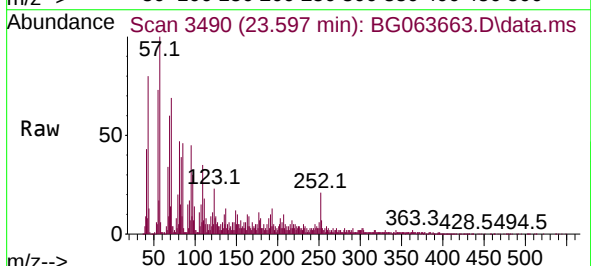
Tgt Ion:252 Resp: 79961

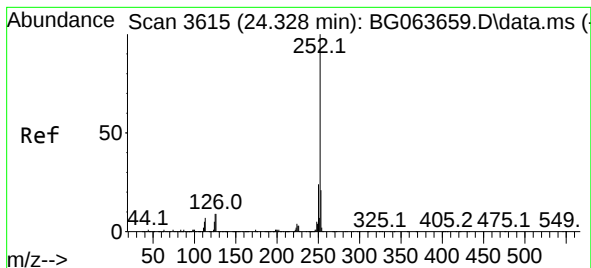
Ion Ratio Lower Upper

252 100

253 34.7 17.7 26.5#

125 44.5 6.5 9.7#





#93

Benzo(a)pyrene

Concen: 2.359 ng/ul

RT: 24.355 min Scan# 30

Delta R.T. 0.015 min

Lab File: BG063663.D

Acq: 12 Dec 2024 12:04

Instrument :

BNA_G

ClientSampleId :

E28P9

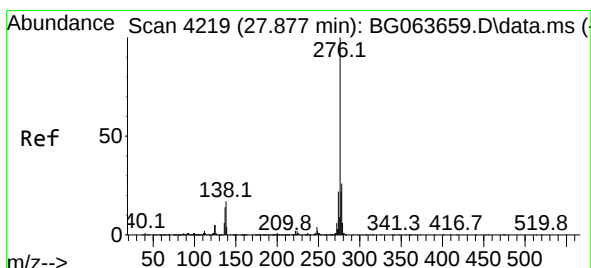
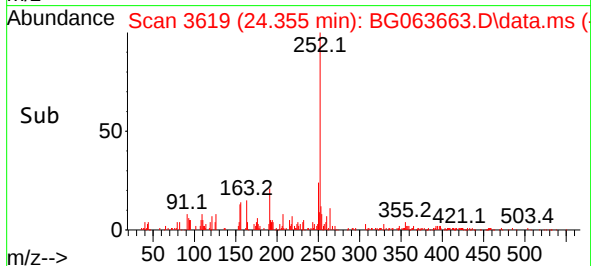
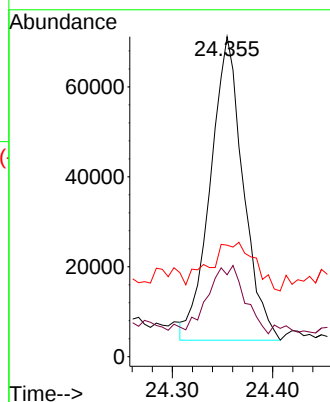
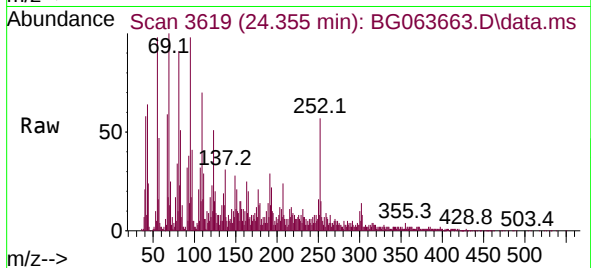
Tgt Ion:	252	Resp:	15331
Ion Ratio	Lower	Upper	
252	100		
253	25.6	16.6	24.8
125	34.8	8.0	12.0

Manual Integrations

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Supervised By :mohammad ahmed 12/13/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.884 ng/ul m

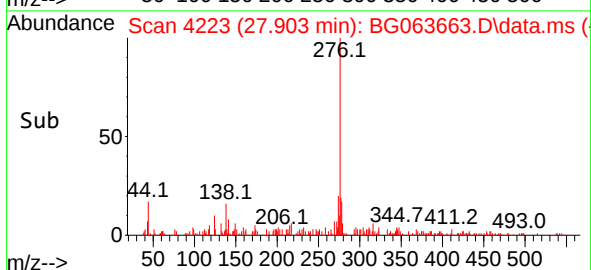
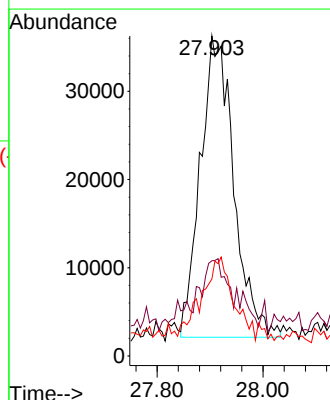
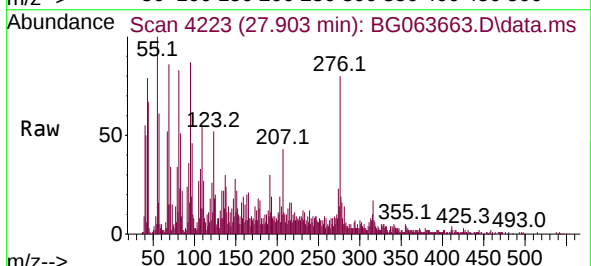
RT: 27.903 min Scan# 4223

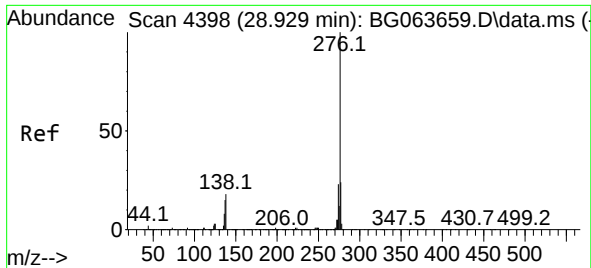
Delta R.T. 0.015 min

Lab File: BG063663.D

Acq: 12 Dec 2024 12:04

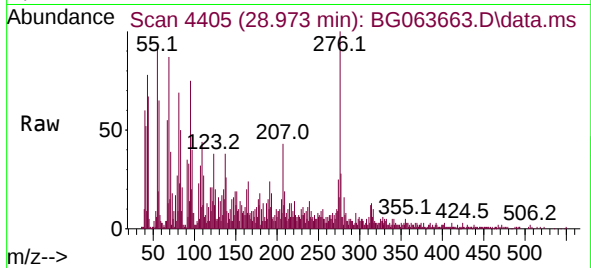
Tgt Ion:	276	Resp:	149497
Ion Ratio	Lower	Upper	
276	100		
138	29.8	13.7	20.5
277	24.0	18.4	27.6





#96
Benzo(g,h,i)perylene
Concen: 3.232 ng/ul m
RT: 28.973 min Scan# 44
Delta R.T. 0.033 min
Lab File: BG063663.D
Acq: 12 Dec 2024 12:04

Instrument :
BNA_G
ClientSampleId :
E28P9



Tgt Ion:276 Resp: 20354
Ion Ratio Lower Upper
276 100
138 26.0 13.8 20.8
277 28.1 17.8 26.8

Manual Integrations
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