

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062079.D
 Acq On : 15 Jul 2024 22:07
 Operator : MA/JU
 Sample : P3100-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BW6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024

Supervised By :mohammad
 ahmed
 07/18/2024

Quant Time: Jul 16 00:05:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	44881	20.000	ng/u1	0.00
20) Naphthalene-d8	10.858	136	216583	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.677	164	146651	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.427	188	323359	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.687	240	288702	20.000	ng/u1	# 0.00
88) Perylene-d12	24.907	264	338279	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	4147m	3.472	ng/uL	0.00
4) Pyridine-d5	3.866	84	57357	15.619	ng/u1	0.00
7) Phenol-d5	7.221	99	104601	21.297	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.368	67	58664	18.861	ng/u1	0.00
11) 2-Chlorophenol-d4	7.580	132	77577	23.026	ng/u1	0.00
15) 4-Methylphenol-d8	8.761	113	85667	22.152	ng/u1	0.02
21) Nitrobenzene-d5	9.213	128	40486	24.579	ng/u1	0.00
24) 2-Nitrophenol-d4	9.936	143	48812	25.949	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	96835	26.689	ng/u1	0.02
31) 4-Chloroaniline-d4	10.993	131	114631	21.762	ng/u1	0.00
46) Dimethylphthalate-d6	14.078	166	293350	24.331	ng/u1	0.00
49) Acenaphthylene-d8	14.378	160	328470	26.054	ng/u1	0.00
54) 4-Nitrophenol-d4	14.901	143	38052	19.763	ng/u1	0.03
60) Fluorene-d10	15.670	176	256131	25.235	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.788	200	27258	16.051	ng/u1	0.00
73) Anthracene-d10	17.521	188	392147	25.975	ng/u1	0.00
81) Pyrene-d10	19.807	212	426979	25.144	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.689	264	447595	26.679	ng/u1	0.03
Target Compounds						
					Qvalue	
61) Fluorene	15.723	166	12902	1.123	ng/u1#	96
72) Phenanthrene	17.468	178	204724	12.007	ng/u1	99
74) Anthracene	17.556	178	50833	2.885	ng/u1	96
80) Fluoranthene	19.472	202	329117	16.377	ng/u1#	92
82) Pyrene	19.836	202	260451	12.547	ng/u1#	90
85) Benzo(a)anthracene	21.663	228	159678	7.639	ng/u1	98
87) Chrysene	21.728	228	135044m	6.901	ng/u1	
90) Benzo(b)fluoranthene	23.884	252	157890	7.408	ng/u1	95
91) Benzo(k)fluoranthene	23.949	252	63887m	3.006	ng/u1	
93) Benzo(a)pyrene	24.760	252	114504	5.674	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.561	276	61669m	2.391	ng/u1	
96) Benzo(g,h,i)perylene	29.748	276	49747m	2.425	ng/u1	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062079.D
Acq On : 15 Jul 2024 22:07
Operator : MA/JU
Sample : P3100-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

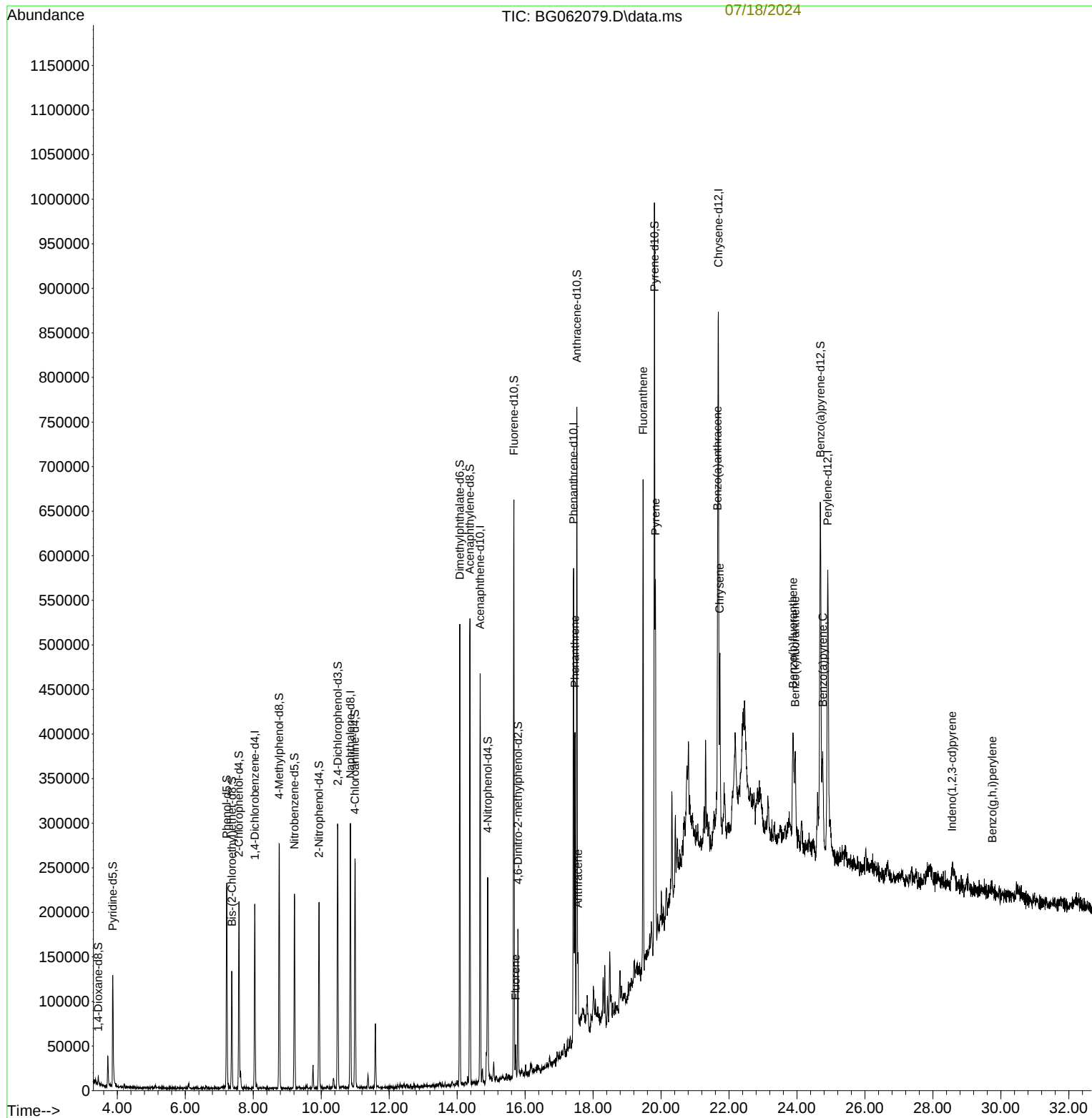
Instrument :
BNA_G
ClientSampleId :
A4BW6

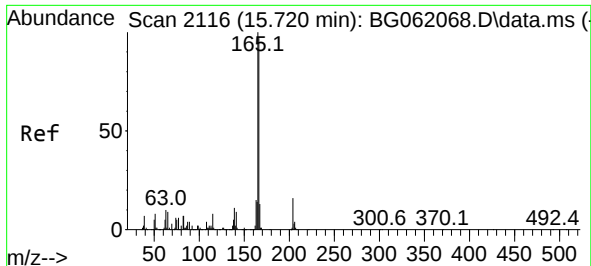
Quant Time: Jul 16 00:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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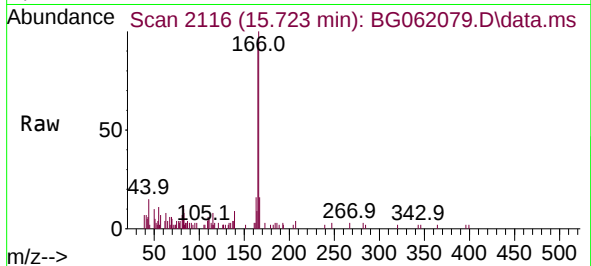
Supervised By :mohammad
ahmed
07/18/2024





#61
Fluorene
Concen: 1.123 ng/ul
RT: 15.723 min Scan# 2116
Delta R.T. 0.003 min
Lab File: BG062079.D
Acq: 15 Jul 2024 22:07

Instrument :
BNA_G
ClientSampleId :
A4BW6

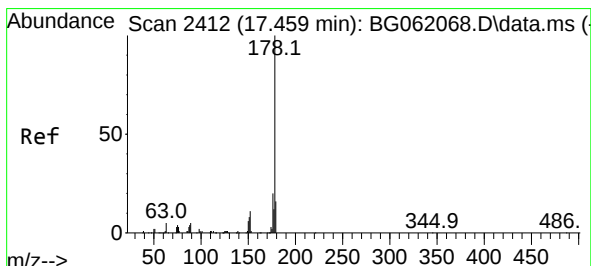
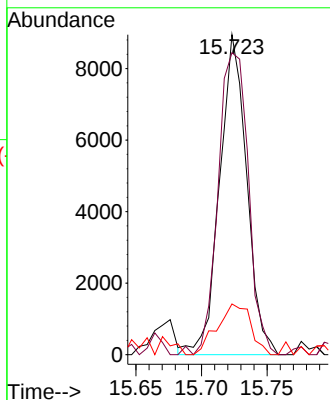


Tgt Ion:166 Resp: 12902
Ion Ratio Lower Upper
166 100
165 94.4 78.4 117.6
167 15.9 10.4 15.6

Manual Integrations
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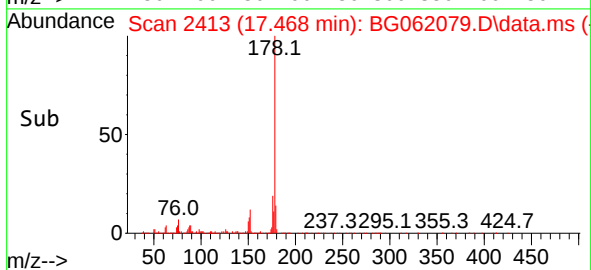
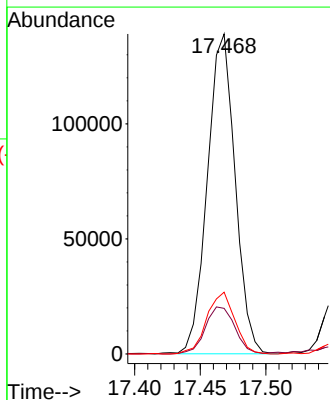
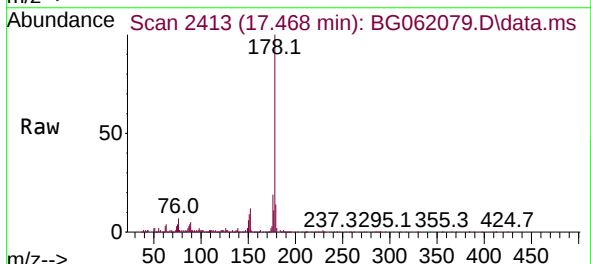
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Supervised By :mohammad ahmed 07/20/2024

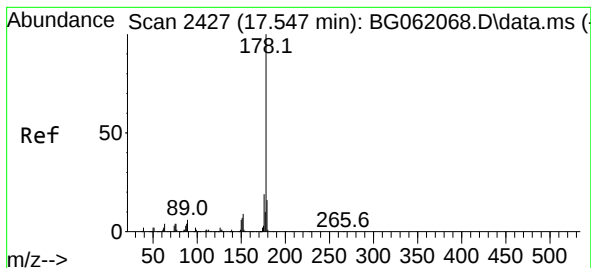
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07/18/2024



#72
Phenanthrene
Concen: 12.007 ng/ul
RT: 17.468 min Scan# 2413
Delta R.T. 0.009 min
Lab File: BG062079.D
Acq: 15 Jul 2024 22:07

Tgt Ion:178 Resp: 204724
Ion Ratio Lower Upper
178 100
179 14.2 11.9 17.9
176 19.3 15.5 23.3





#74

Anthracene

Concen: 2.885 ng/ul

RT: 17.556 min Scan# 2428

Delta R.T. 0.003 min

Lab File: BG062079.D

Acq: 15 Jul 2024 22:07

Instrument :

BNA_G

ClientSampleId :

A4BW6

Tgt Ion:	178	Resp:	5083
Ion Ratio	Lower	Upper	
178	100		
179	15.6	11.9	17.9
176	15.5	14.7	22.1

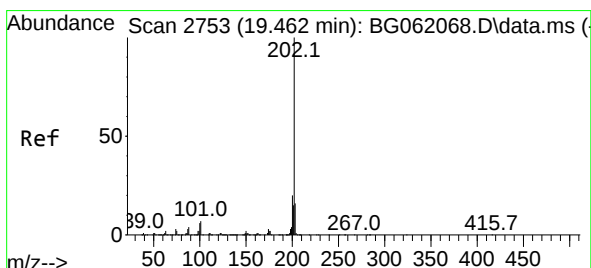
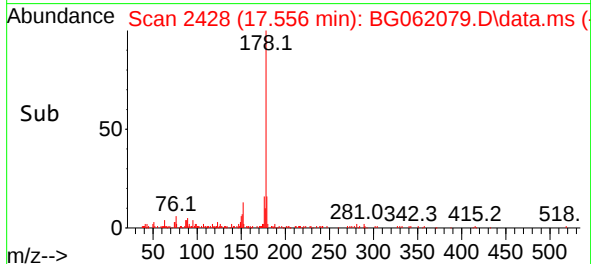
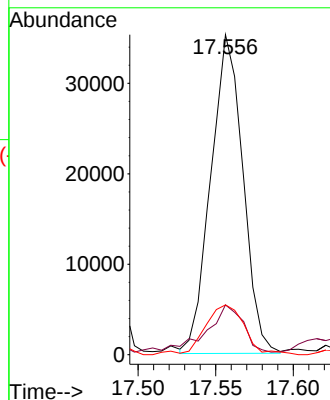
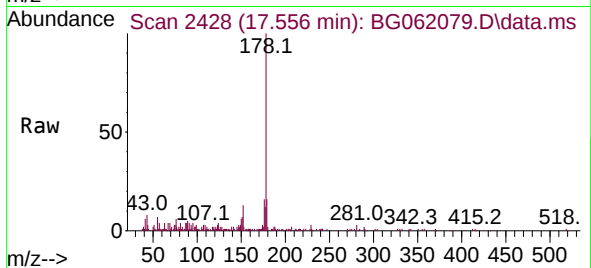
Manual Integrations

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ahmed
07/18/2024



#80

Fluoranthene

Concen: 16.377 ng/ul

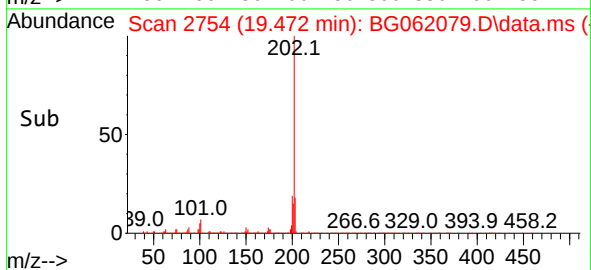
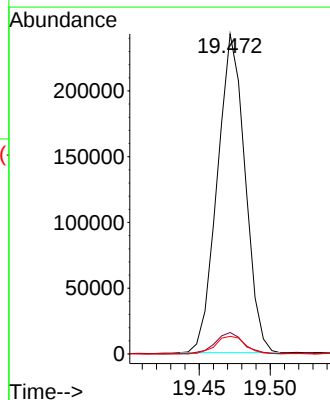
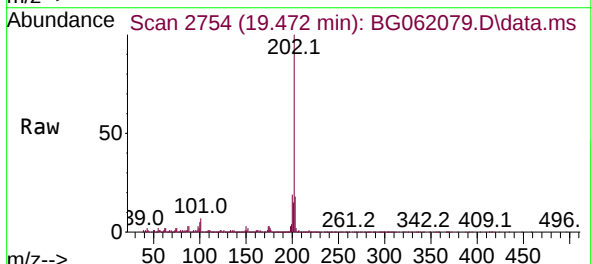
RT: 19.472 min Scan# 2754

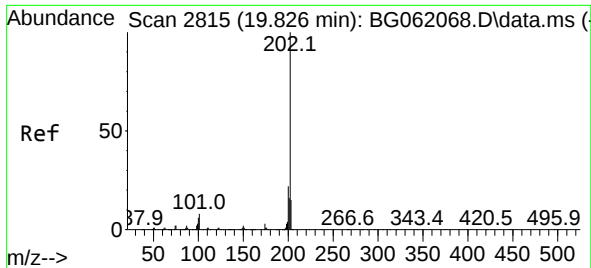
Delta R.T. 0.009 min

Lab File: BG062079.D

Acq: 15 Jul 2024 22:07

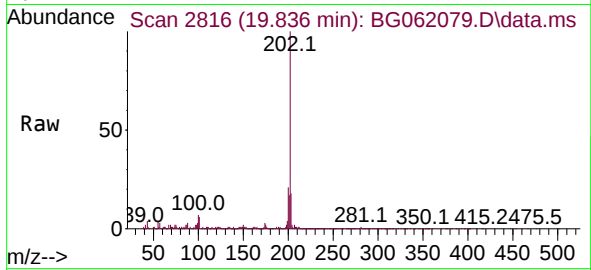
Tgt Ion:	202	Resp:	329117
Ion Ratio	Lower	Upper	
202	100		
101	6.7	7.4	11.2#
100	5.5	6.6	10.0#





#82
 Pyrene
 Concen: 12.547 ng/ul
 RT: 19.836 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BG062079.D
 Acq: 15 Jul 2024 22:07

Instrument :
 BNA_G
 ClientSampleId :
 A4BW6

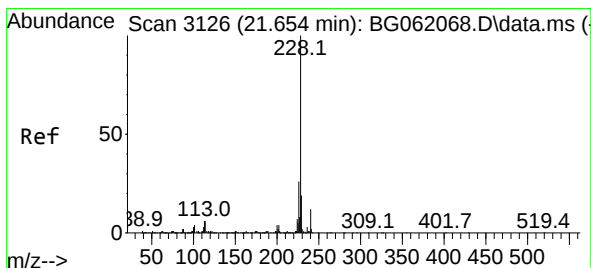
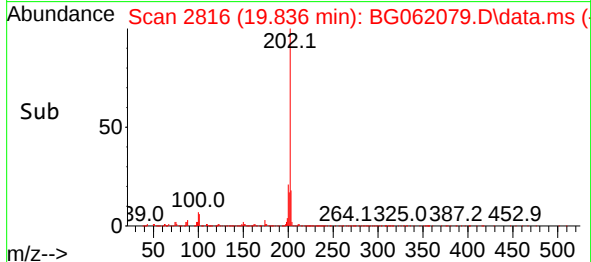
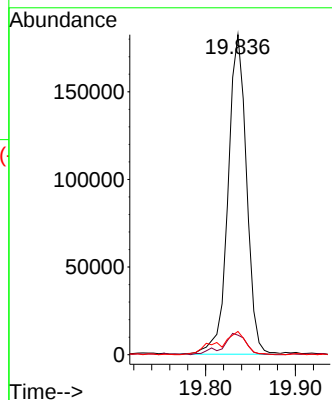


Tgt Ion:202 Resp: 26045
 Ion Ratio Lower Upper
 202 100
 101 6.1 8.8 13.2
 100 7.3 7.6 11.4

Manual Integrations
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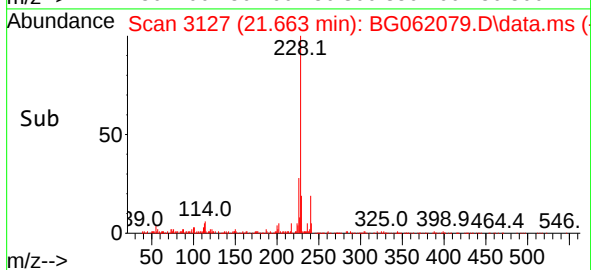
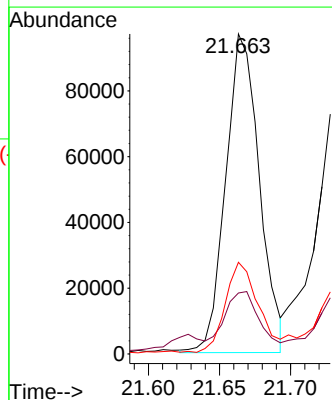
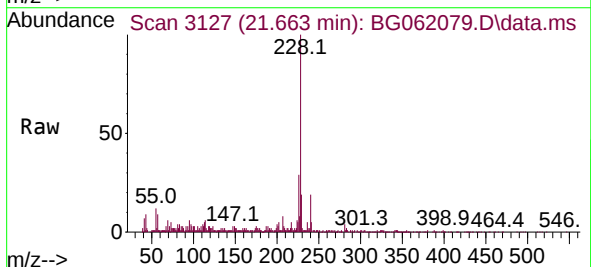
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 Supervised By :mohammad ahmed 07/20/2024

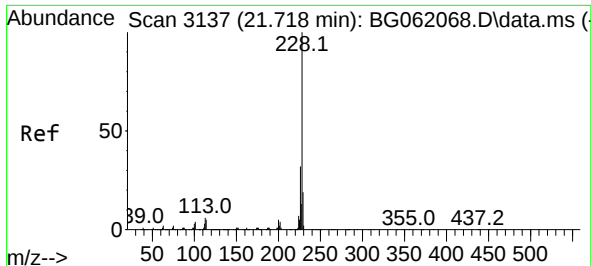
Supervised By :mohammad
 ahmed
 07/18/2024



#85
 Benzo(a)anthracene
 Concen: 7.639 ng/ul
 RT: 21.663 min Scan# 3127
 Delta R.T. 0.009 min
 Lab File: BG062079.D
 Acq: 15 Jul 2024 22:07

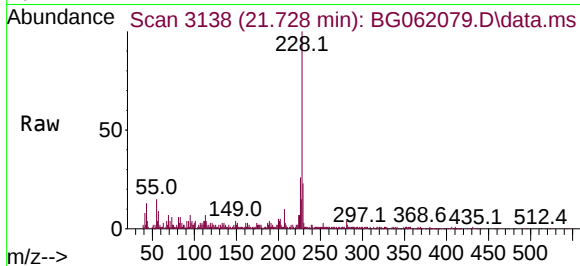
Tgt Ion:228 Resp: 159678
 Ion Ratio Lower Upper
 228 100
 229 19.1 15.7 23.5
 226 28.6 21.7 32.5





#87
Chrysene
Concen: 6.901 ng/ul m
RT: 21.728 min Scan# 3137
Delta R.T. 0.003 min
Lab File: BG062079.D
Acq: 15 Jul 2024 22:07

Instrument :
BNA_G
ClientSampleId :
A4BW6

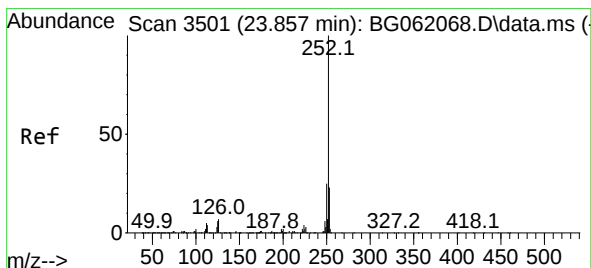
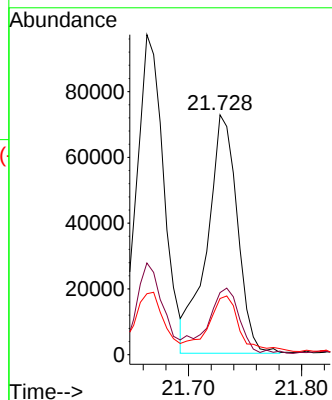


Tgt Ion:228 Resp: 13504
Ion Ratio Lower Upper
228 100
226 25.9 23.3 34.9
229 23.4 15.5 23.3

Manual Integrations
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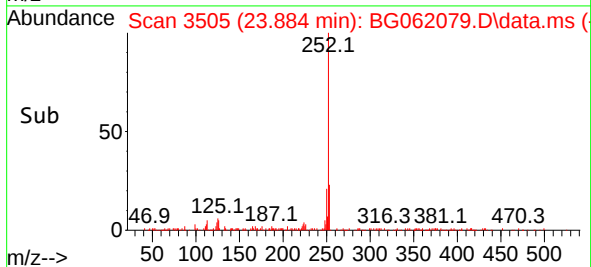
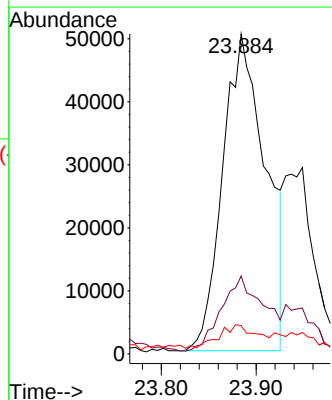
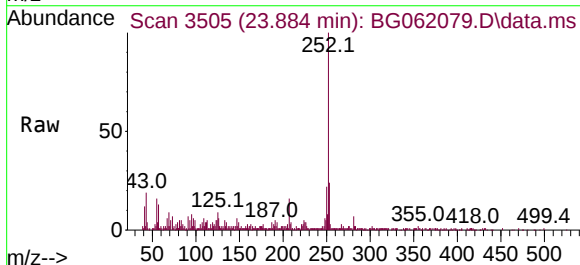
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Supervised By :mohammad ahmed 07/20/2024

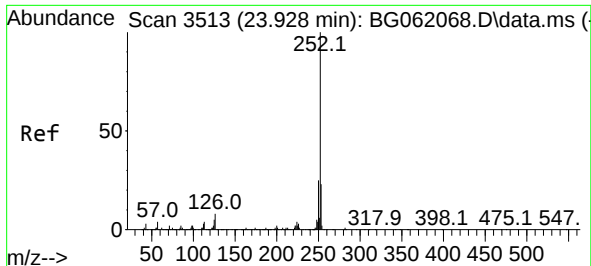
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ahmed
07/18/2024



#90
Benzo(b)fluoranthene
Concen: 7.408 ng/ul
RT: 23.884 min Scan# 3505
Delta R.T. 0.027 min
Lab File: BG062079.D
Acq: 15 Jul 2024 22:07

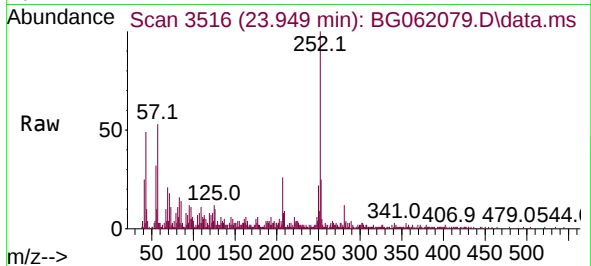
Tgt Ion:252 Resp: 157890
Ion Ratio Lower Upper
252 100
253 24.4 17.2 25.8
125 8.9 6.1 9.1





#91
Benzo(k)fluoranthene
Concen: 3.006 ng/ul m
RT: 23.949 min Scan# 3516
Delta R.T. 0.027 min
Lab File: BG062079.D
Acq: 15 Jul 2024 22:07

Instrument :
BNA_G
ClientSampleId :
A4BW6

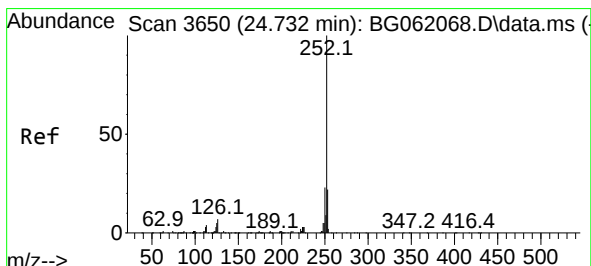
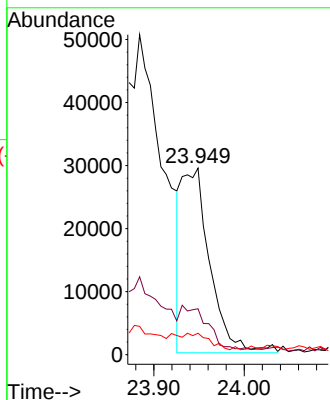
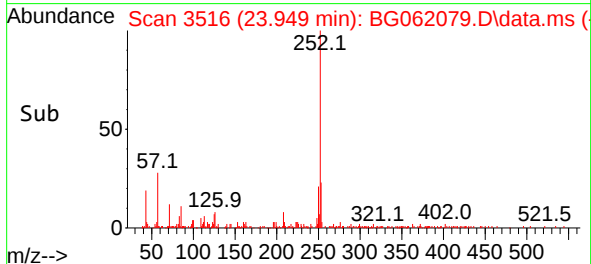


Tgt Ion:252 Resp: 6388
Ion Ratio Lower Upper
252 100
253 24.6 19.3 28.9
125 11.5 6.3 9.5

Manual Integrations
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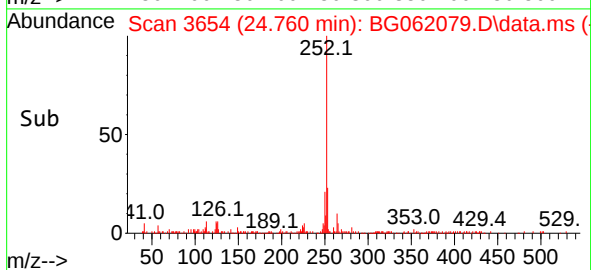
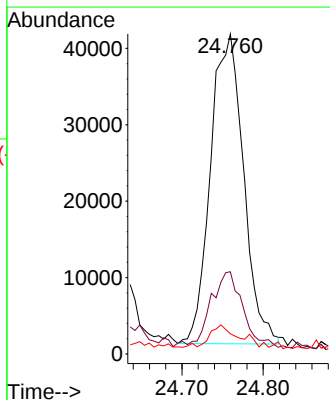
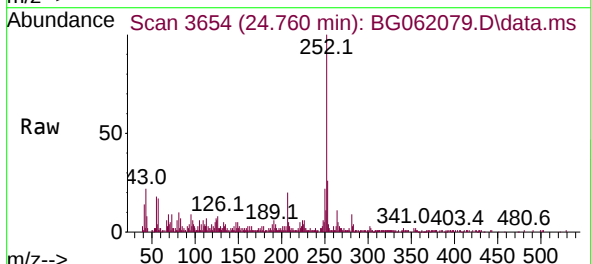
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

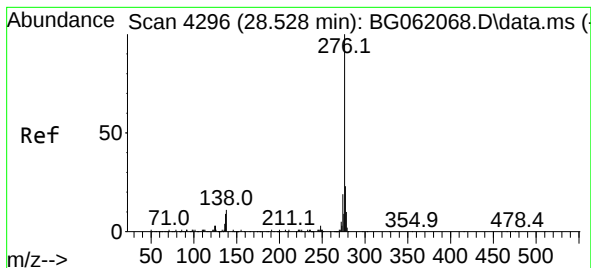
Supervised By :mohammad
ahmed
07/18/2024



#93
Benzo(a)pyrene
Concen: 5.674 ng/ul
RT: 24.760 min Scan# 3654
Delta R.T. 0.033 min
Lab File: BG062079.D
Acq: 15 Jul 2024 22:07

Tgt Ion:252 Resp: 114504
Ion Ratio Lower Upper
252 100
253 25.7 16.5 24.7#
125 6.3 7.4 11.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.391 ng/ul m

RT: 28.561 min Scan# 41

Delta R.T. 0.027 min

Lab File: BG062079.D

Acq: 15 Jul 2024 22:07

Instrument :

BNA_G

ClientSampleId :

A4BW6

Tgt Ion:	276	Resp:	6166
Ion Ratio	Lower	Upper	
276	100		
138	12.5	11.9	17.9
277	24.6	19.3	28.9

Manual Integrations

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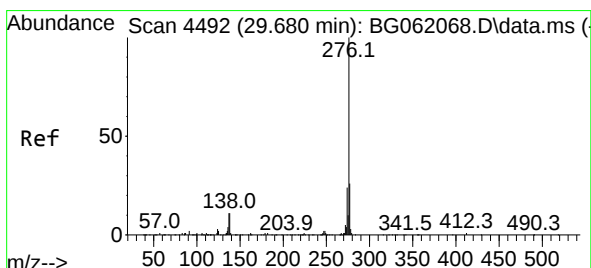
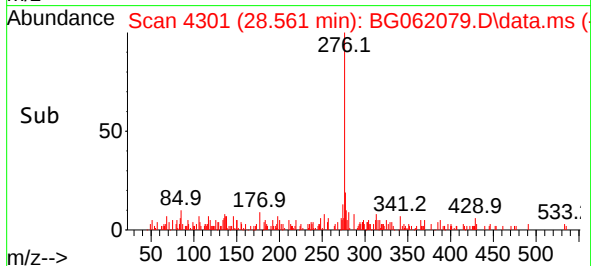
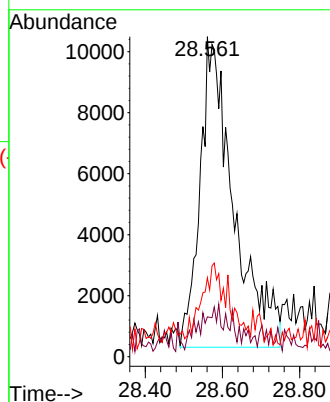
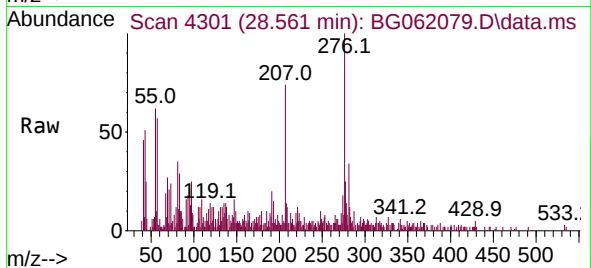
Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/20/2024

Supervised By :mohammad

ahmed

07/18/2024



#96

Benzo(g,h,i)perylene

Concen: 2.425 ng/ul m

RT: 29.748 min Scan# 4503

Delta R.T. 0.080 min

Lab File: BG062079.D

Acq: 15 Jul 2024 22:07

Tgt Ion:	276	Resp:	49747
Ion Ratio	Lower	Upper	
276	100		
138	22.4	11.1	16.7#
277	23.9	18.8	28.2

