

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061629.D
 Acq On : 21 Jun 2024 20:58
 Operator : MA/JU
 Sample : P2754-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BQ0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 22:20:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	52013	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	254876	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.700	164	185291	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	431095	20.000	ng/u1	0.00
79) Chrysene-d12	21.709	240	362381	20.000	ng/u1	0.00
88) Perylene-d12	24.929	264	449405	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	7022	4.877	ng/uL	0.00
4) Pyridine-d5	3.889	84	105149	24.154	ng/u1	0.00
7) Phenol-d5	7.215	99	153377	27.163	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	91557	26.011	ng/u1	0.00
11) 2-Chlorophenol-d4	7.602	132	109976	28.382	ng/u1	0.00
15) 4-Methylphenol-d8	8.766	113	121978	27.944	ng/u1	0.00
21) Nitrobenzene-d5	9.242	128	52830	30.527	ng/u1	0.00
24) 2-Nitrophenol-d4	9.958	143	59398	33.888	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	119459	28.783	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	169683	27.004	ng/u1	0.00
46) Dimethylphthalate-d6	14.107	166	407933	28.609	ng/u1	0.00
49) Acenaphthylene-d8	14.394	160	473414	30.296	ng/u1	0.00
54) 4-Nitrophenol-d4	14.870	143	67630	27.617	ng/u1	0.00
60) Fluorene-d10	15.693	176	382372	30.632	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	32354	17.551	ng/u1	0.00
73) Anthracene-d10	17.544	188	602166	30.601	ng/u1	0.00
81) Pyrene-d10	19.823	212	666073	32.906	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.712	264	679224	31.645	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.765	153	14037	1.162	ng/u1	99
61) Fluorene	15.746	166	18913	1.352	ng/u1	85
72) Phenanthrene	17.485	178	266434	11.748	ng/u1	97
74) Anthracene	17.573	178	84380	3.638	ng/u1	96
77) Carbazole	17.843	167	25875	1.314	ng/u1	96
80) Fluoranthene	19.488	202	296596	12.628	ng/u1	99
82) Pyrene	19.853	202	253922	10.168	ng/u1#	94
85) Benzo(a)anthracene	21.686	228	117440	4.617	ng/u1	98
87) Chrysene	21.751	228	100070	4.158	ng/u1	95
90) Benzo(b)fluoranthene	23.907	252	113113	4.187	ng/u1	92
91) Benzo(k)fluoranthene	23.971	252	49970m	1.799	ng/u1	
93) Benzo(a)pyrene	24.782	252	92956	3.574	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.607	276	60303m	1.861	ng/u1	
96) Benzo(g,h,i)perylene	29.741	276	53755m	2.058	ng/u1	

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

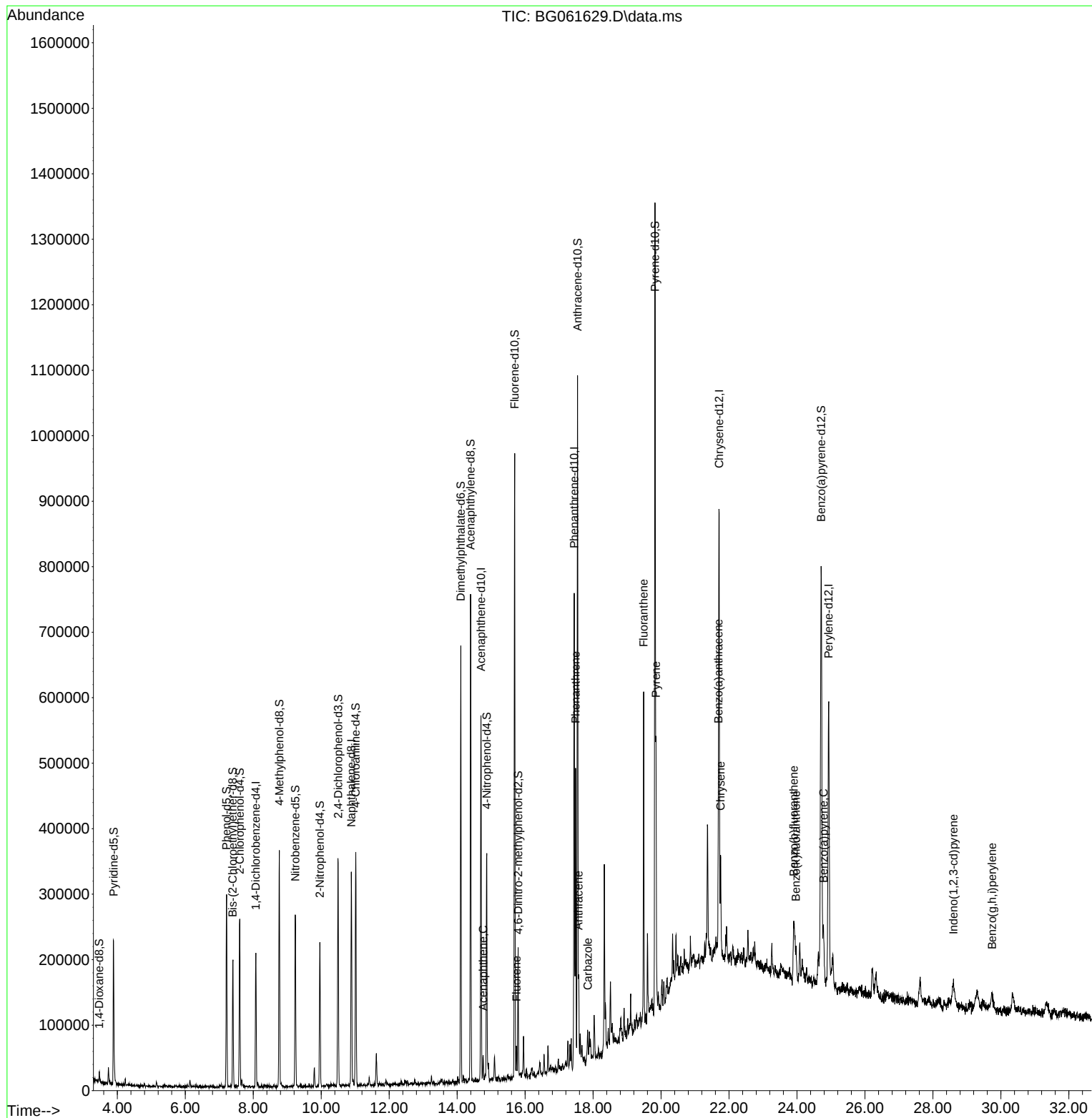
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061629.D
Acq On : 21 Jun 2024 20:58
Operator : MA/JU
Sample : P2754-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

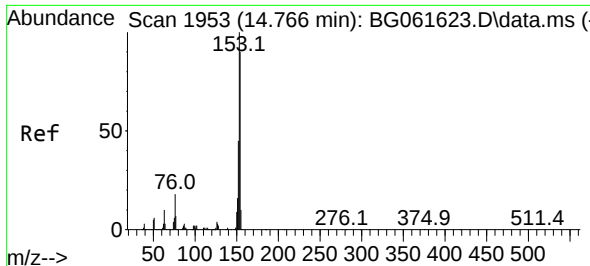
Instrument :
BNA_G
ClientSampleId :
A4BQ0

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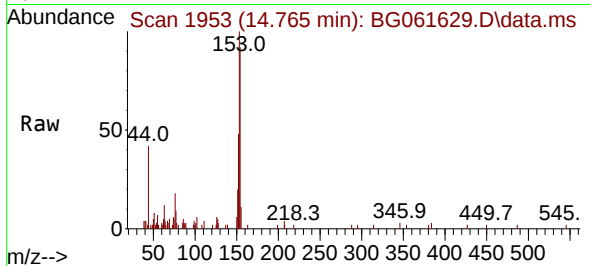
Quant Time: Jun 21 22:20:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.162 ng/ul
RT: 14.765 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

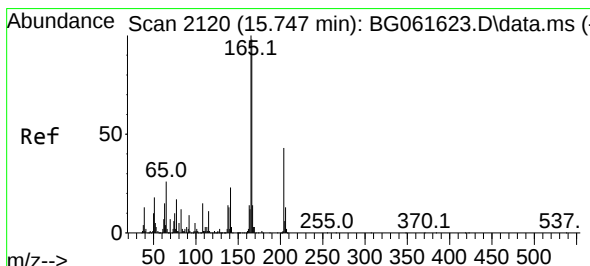
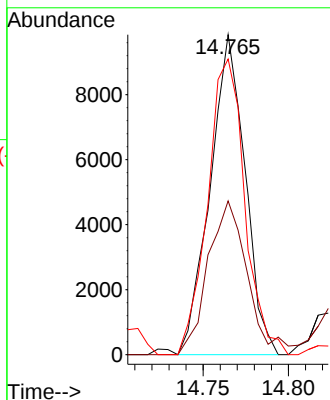
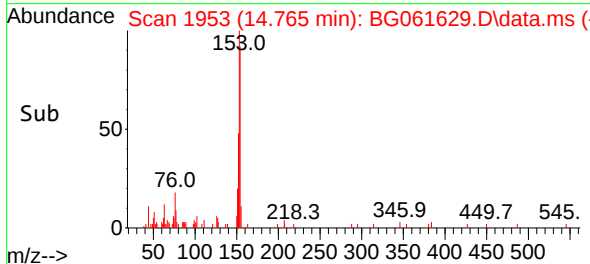
Instrument :
BNA_G
ClientSampleId :
A4BQ0



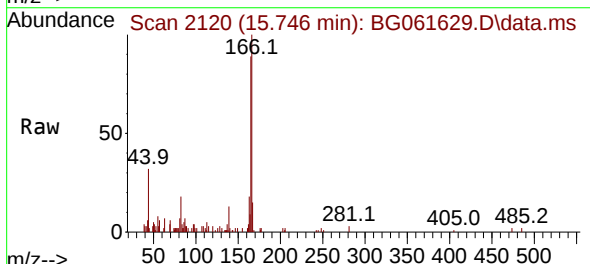
Tgt Ion:153 Resp: 1403
Ion Ratio Lower Upper
153 100
152 48.1 40.0 60.0
154 92.4 74.1 111.1

Manual Integrations
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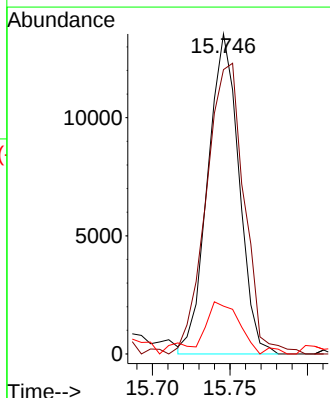
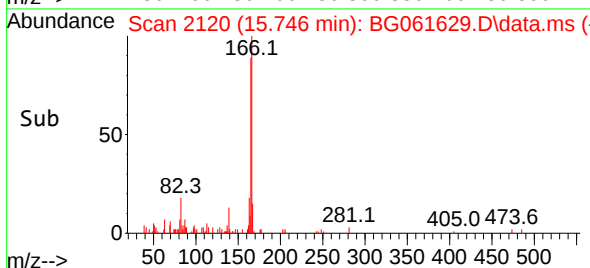
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

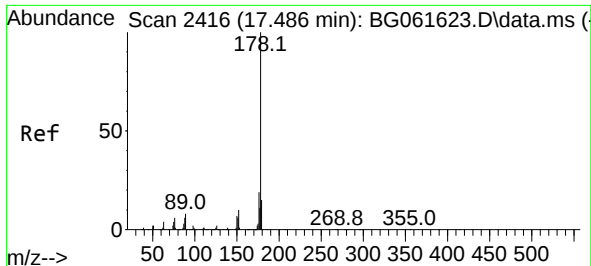


#61
Fluorene
Concen: 1.352 ng/ul
RT: 15.746 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58



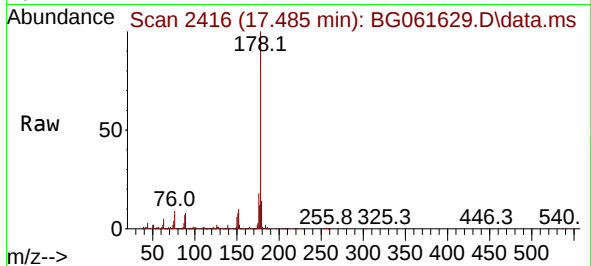
Tgt Ion:166 Resp: 18913
Ion Ratio Lower Upper
166 100
165 88.8 84.9 127.3
167 15.0 10.9 16.3





#72
Phenanthrene
Concen: 11.748 ng/ul
RT: 17.485 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

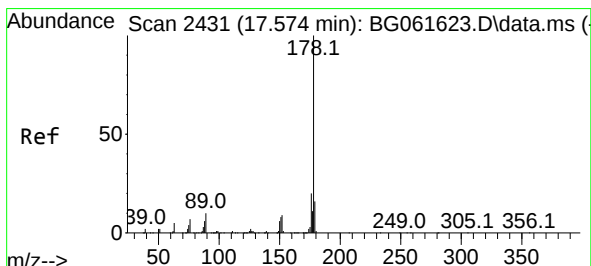
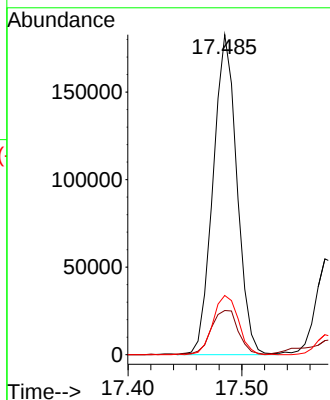
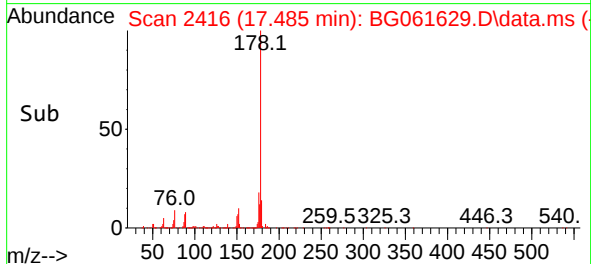
Instrument :
BNA_G
ClientSampleId :
A4BQ0



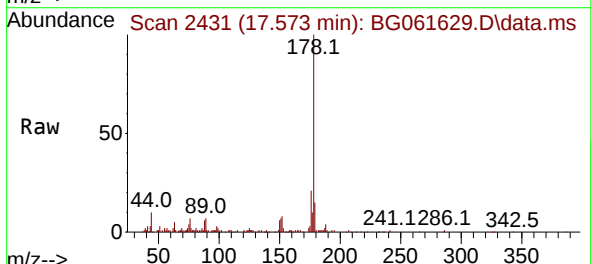
Tgt Ion:178 Resp: 266434
Ion Ratio Lower Upper
178 100
179 13.8 12.0 18.0
176 18.5 16.2 24.2

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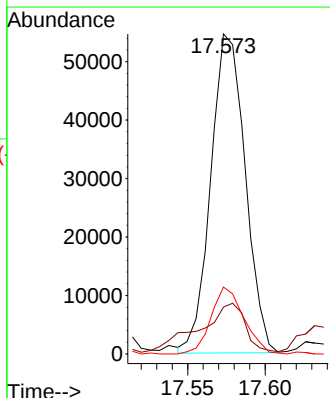
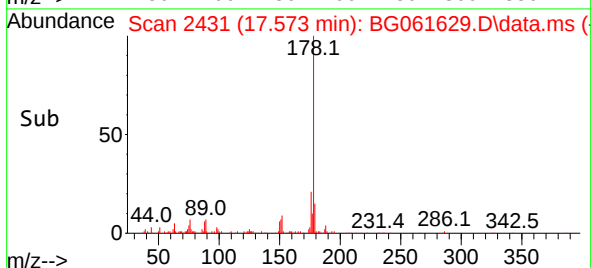
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

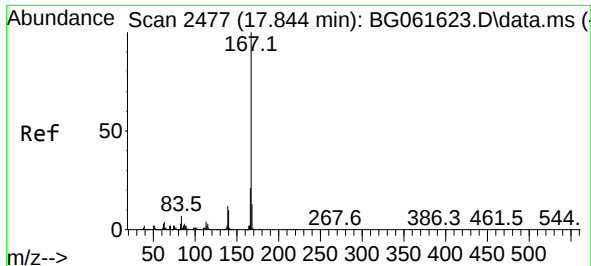


#74
Anthracene
Concen: 3.638 ng/ul
RT: 17.573 min Scan# 2431
Delta R.T. -0.004 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58



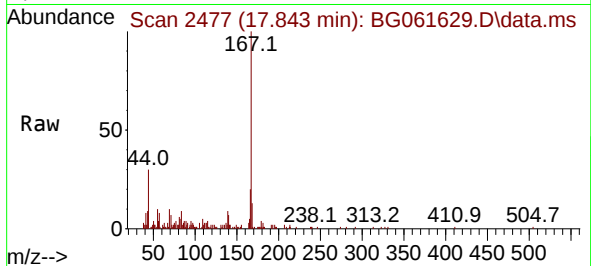
Tgt Ion:178 Resp: 84380
Ion Ratio Lower Upper
178 100
179 14.7 11.4 17.2
176 20.9 14.7 22.1





#77
 Carbazole
 Concen: 1.314 ng/ul
 RT: 17.843 min Scan# 2477
 Delta R.T. 0.002 min
 Lab File: BG061629.D
 Acq: 21 Jun 2024 20:58

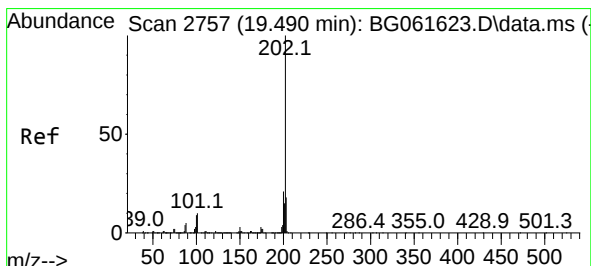
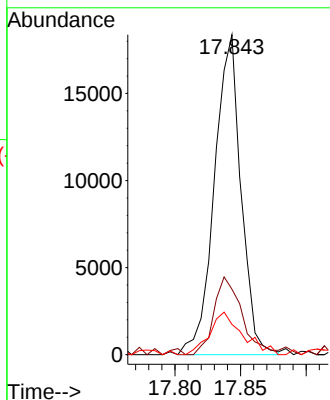
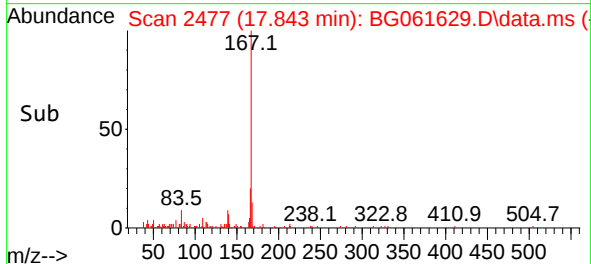
Instrument :
 BNA_G
 ClientSampleId :
 A4BQ0



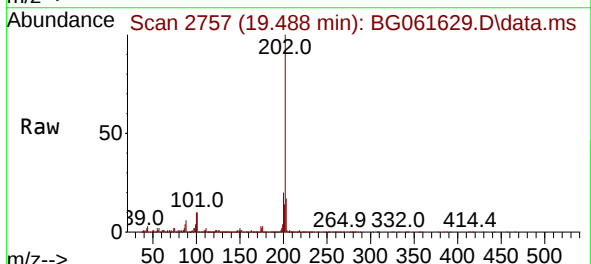
Tgt Ion:167 Resp: 25879
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.5 26.3
 139 9.5 9.4 14.2

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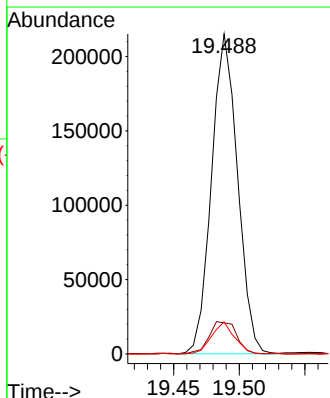
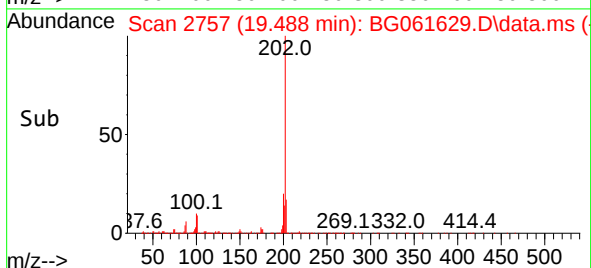
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

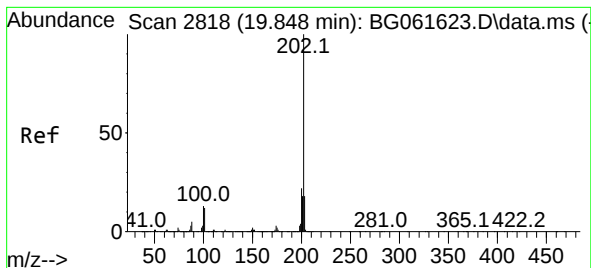


#80
 Fluoranthene
 Concen: 12.628 ng/ul
 RT: 19.488 min Scan# 2757
 Delta R.T. -0.004 min
 Lab File: BG061629.D
 Acq: 21 Jun 2024 20:58



Tgt Ion:202 Resp: 296596
 Ion Ratio Lower Upper
 202 100
 101 9.7 7.8 11.6
 100 10.0 7.7 11.5





#82

Pyrene

Concen: 10.168 ng/ul

RT: 19.853 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG061629.D

Acq: 21 Jun 2024 20:58

Instrument :

BNA_G

ClientSampleId :

A4BQ0

Tgt Ion:202 Resp: 25392

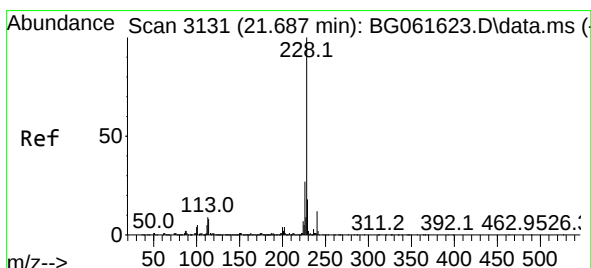
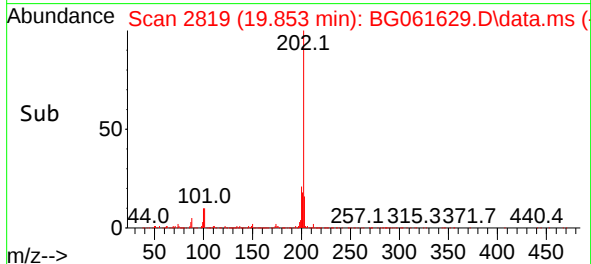
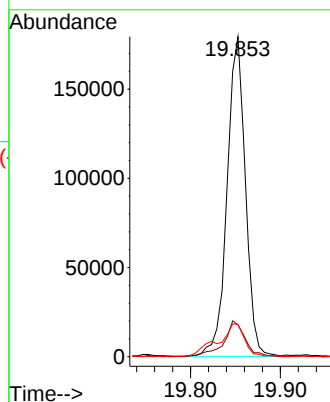
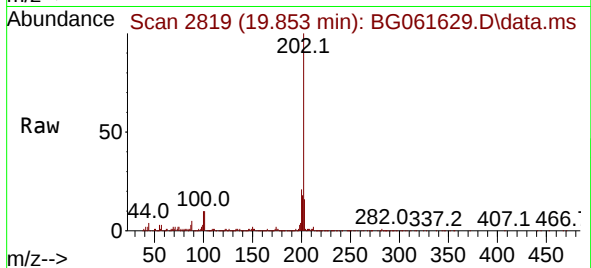
Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.1	15.1
100	10.1	9.9	14.9

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#85

Benzo(a)anthracene

Concen: 4.617 ng/ul

RT: 21.686 min Scan# 3131

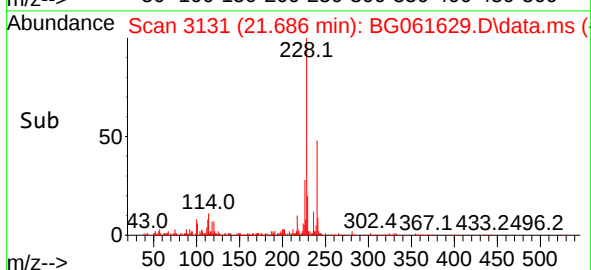
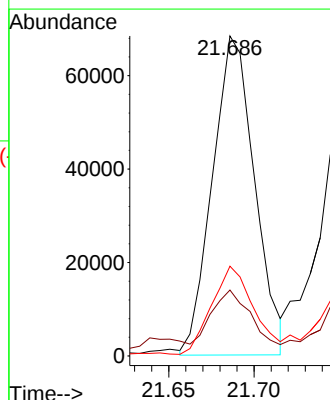
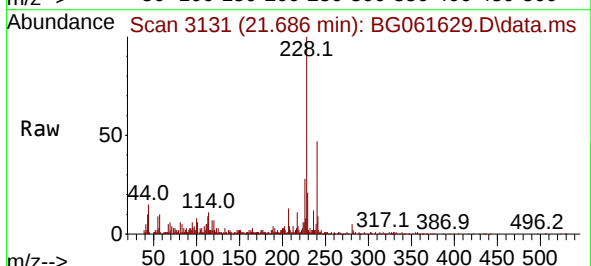
Delta R.T. -0.004 min

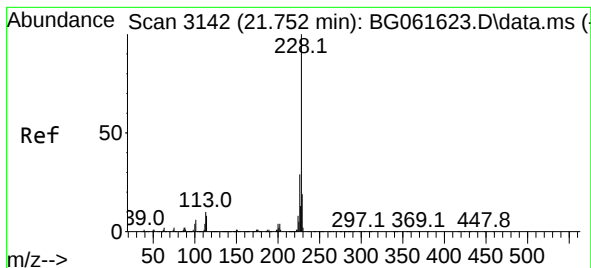
Lab File: BG061629.D

Acq: 21 Jun 2024 20:58

Tgt Ion:228 Resp: 117440

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	28.1	21.4	32.2





#87

Chrysene

Concen: 4.158 ng/ul

RT: 21.751 min Scan# 3142

Delta R.T. -0.010 min

Lab File: BG061629.D

Acq: 21 Jun 2024 20:58

Instrument :

BNA_G

ClientSampleId :

A4BQ0

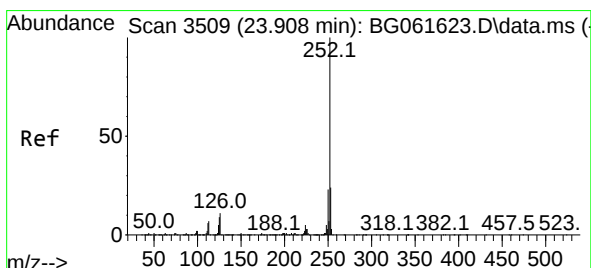
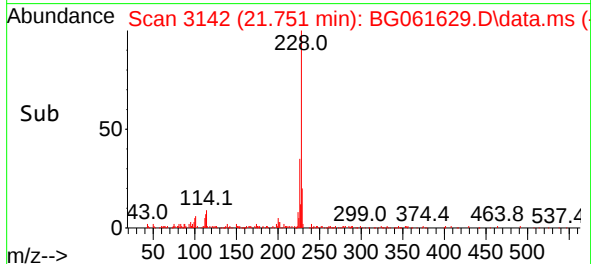
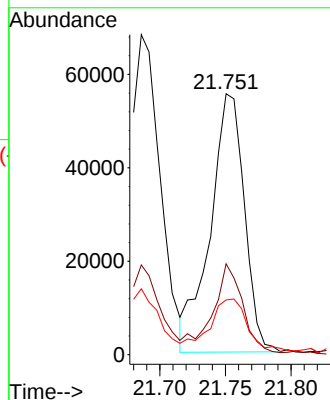
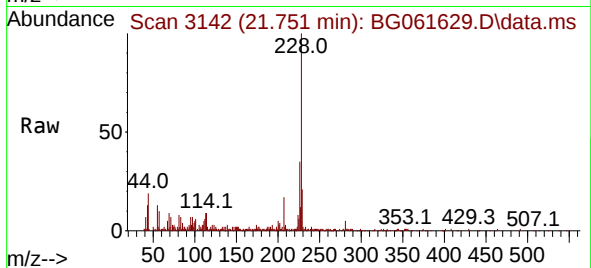
Tgt Ion:	228	Resp:	100070
Ion Ratio	Lower	Upper	
228	100		
226	34.8	24.2	36.2
229	21.0	16.5	24.7

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#90

Benzo(b)fluoranthene

Concen: 4.187 ng/ul

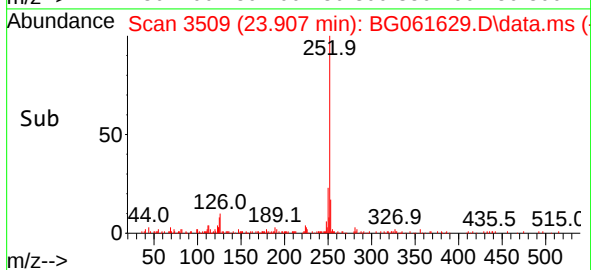
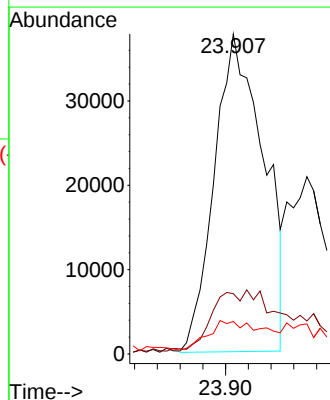
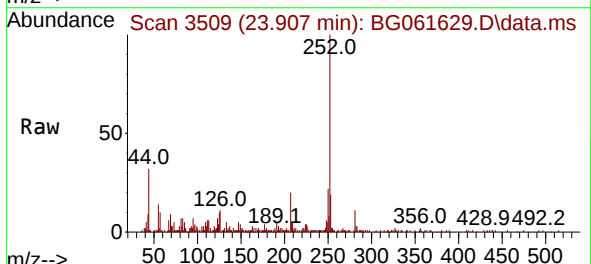
RT: 23.907 min Scan# 3509

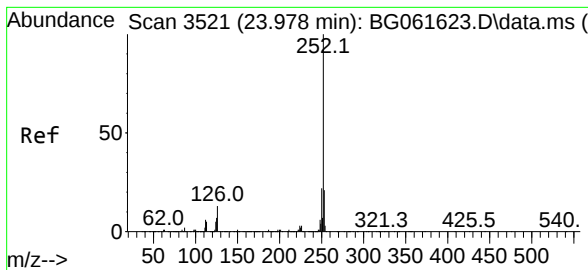
Delta R.T. -0.010 min

Lab File: BG061629.D

Acq: 21 Jun 2024 20:58

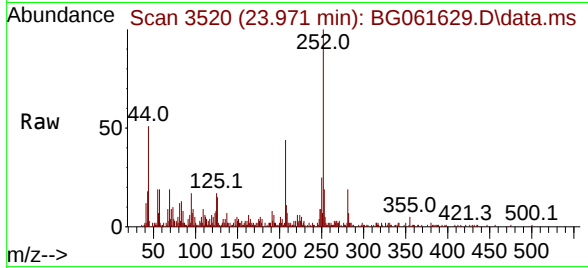
Tgt Ion:	252	Resp:	113113
Ion Ratio	Lower	Upper	
252	100		
253	18.8	18.6	27.8
125	10.2	7.0	10.6





#91
Benzo(k)fluoranthene
Concen: 1.799 ng/ul m
RT: 23.971 min Scan# 3521
Delta R.T. -0.010 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

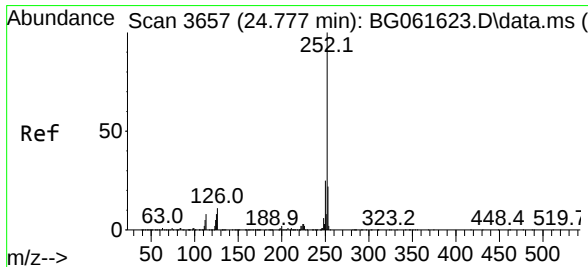
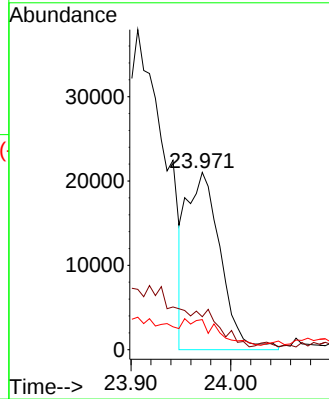
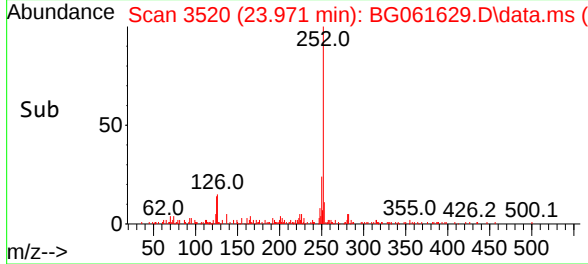
Instrument :
BNA_G
ClientSampleId :
A4BQ0



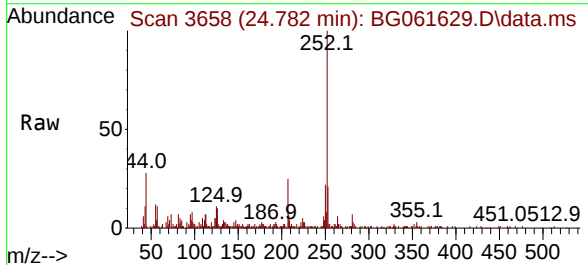
Tgt Ion:252 Resp: 49970
Ion Ratio Lower Upper
252 100
253 18.6 17.8 26.6
125 17.0 6.2 9.2

Manual Integrations
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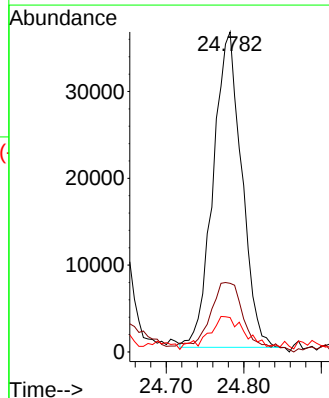
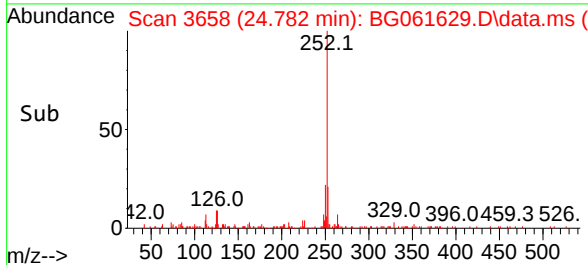
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

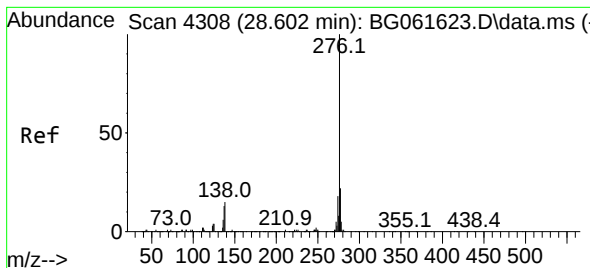


#93
Benzo(a)pyrene
Concen: 3.574 ng/ul
RT: 24.782 min Scan# 3658
Delta R.T. -0.010 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58



Tgt Ion:252 Resp: 92956
Ion Ratio Lower Upper
252 100
253 21.4 16.8 25.2
125 10.7 6.5 9.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.861 ng/ul m

RT: 28.607 min Scan# 4308

Delta R.T. -0.010 min

Lab File: BG061629.D

Acq: 21 Jun 2024 20:58

Instrument :

BNA_G

ClientSampleId :

A4BQ0

Tgt Ion:276 Resp: 6030

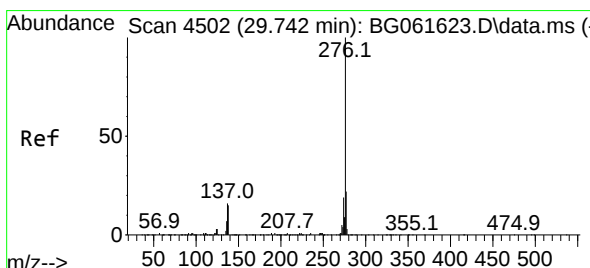
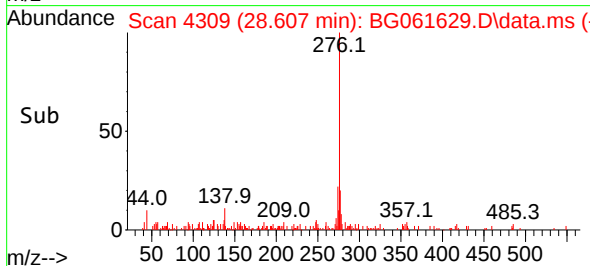
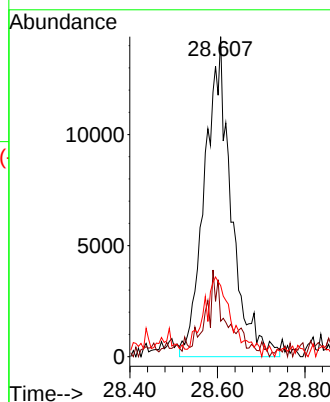
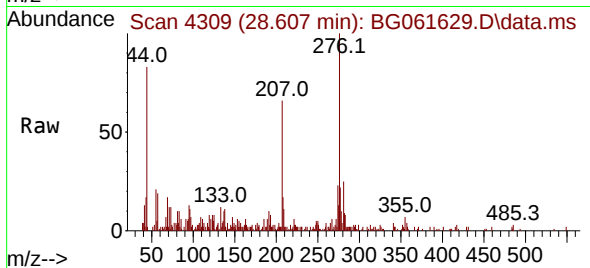
Ion	Ratio	Lower	Upper
276	100		
138	11.1	12.2	18.4
277	22.2	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#96

Benzo(g,h,i)perylene

Concen: 2.058 ng/ul m

RT: 29.741 min Scan# 4502

Delta R.T. -0.016 min

Lab File: BG061629.D

Acq: 21 Jun 2024 20:58

Tgt Ion:276 Resp: 53755

Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.2	18.4
277	24.1	18.6	27.8

