

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061618.D
 Acq On : 21 Jun 2024 13:26
 Operator : MA/JU
 Sample : P2754-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BP4

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 14:38:11 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	8.073	152	44039	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	207917	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.700	164	153824	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	371092	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	326707	20.000	ng/u1	0.00
88) Perylene-d12	24.929	264	381361	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	6744	5.532	ng/uL	0.00
4) Pyridine-d5	3.901	84	9550m	2.591	ng/u1	0.01
7) Phenol-d5	7.209	99	125116	26.170	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	79163	26.562	ng/u1	0.00
11) 2-Chlorophenol-d4	7.597	132	88657	27.023	ng/u1	0.00
15) 4-Methylphenol-d8	8.760	113	85317	23.084	ng/u1	0.00
21) Nitrobenzene-d5	9.236	128	40497	28.686	ng/u1	0.00
24) 2-Nitrophenol-d4	9.959	143	43749	30.597	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	96209	28.417	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	74755	14.584	ng/u1	0.00
46) Dimethylphthalate-d6	14.107	166	340146	28.735	ng/u1	0.00
49) Acenaphthylene-d8	14.395	160	379149	29.227	ng/u1	0.00
54) 4-Nitrophenol-d4	14.865	143	51705	25.433	ng/u1	0.00
60) Fluorene-d10	15.687	176	320819	30.958	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	39759	25.056	ng/u1	0.00
73) Anthracene-d10	17.538	188	503386	29.718	ng/u1	0.00
81) Pyrene-d10	19.823	212	527696	28.916	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.706	264	398619	21.885	ng/u1	-0.02
Target Compounds					Qvalue	
16) Acetophenone	8.895	105	14166	2.328	ng/u1#	90
72) Phenanthrene	17.485	178	79764	4.086	ng/u1	98
80) Fluoranthene	19.489	202	227408	10.740	ng/u1	97
82) Pyrene	19.847	202	165929	7.370	ng/u1	95
85) Benzo(a)anthracene	21.686	228	97383m	4.246	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.616	149	37867	3.143	ng/u1	98
87) Chrysene	21.757	228	118488	5.460	ng/u1	95
90) Benzo(b)fluoranthene	23.907	252	180664m	7.881	ng/u1	
91) Benzo(k)fluoranthene	23.966	252	50902m	2.159	ng/u1	
93) Benzo(a)pyrene	24.776	252	59446	2.693	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.601	276	58089m	2.112	ng/u1	

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

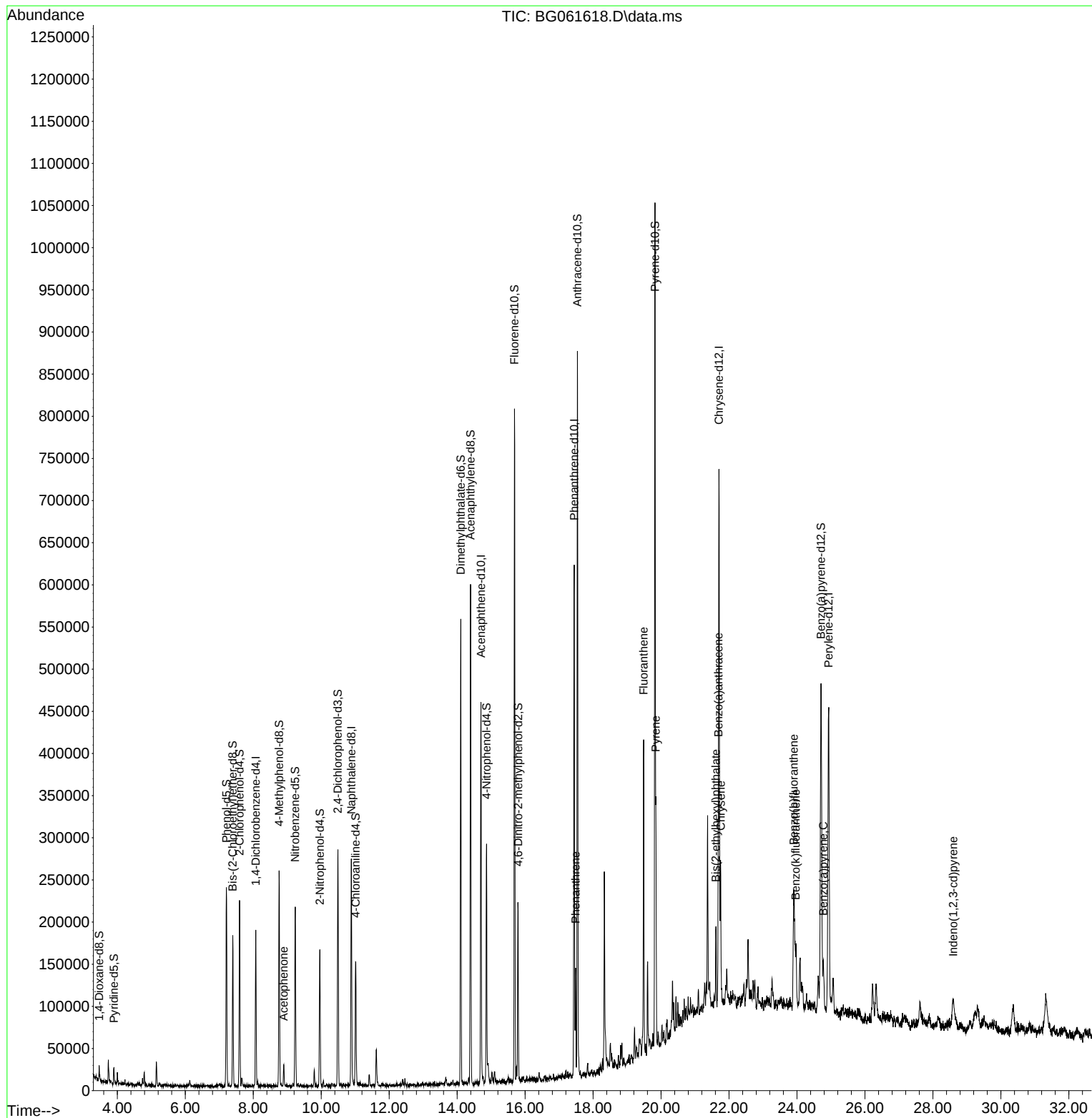
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061618.D
Acq On : 21 Jun 2024 13:26
Operator : MA/JU
Sample : P2754-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

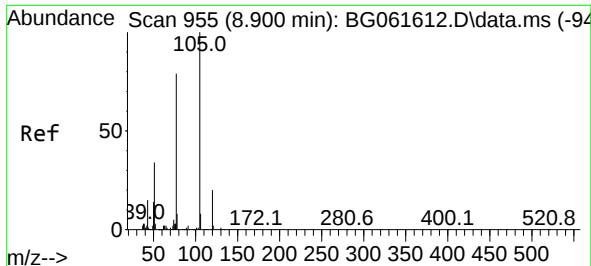
Instrument :
BNA_G
ClientSampleId :
A4BP4

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Supervised By :mohammad ahmed 06/24/2024

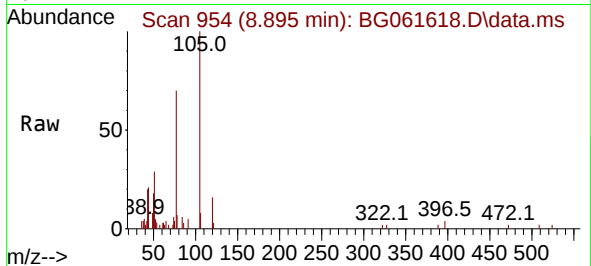
Quant Time: Jun 21 14:38:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.328 ng/ul
RT: 8.895 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG061618.D
Acq: 21 Jun 2024 13:26

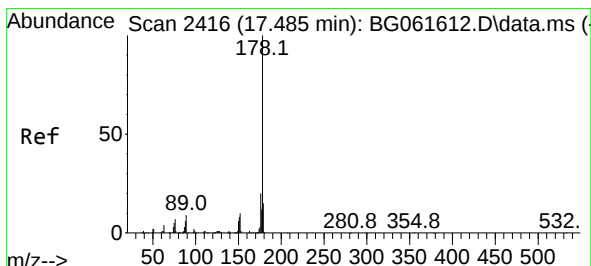
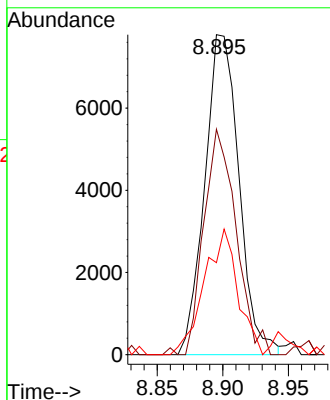
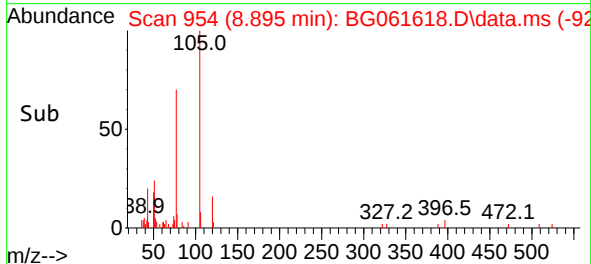
Instrument :
BNA_G
ClientSampleId :
A4BP4



Tgt Ion:105 Resp: 1416
Ion Ratio Lower Upper
105 100
77 70.5 60.4 90.6
51 28.7 31.1 46.7

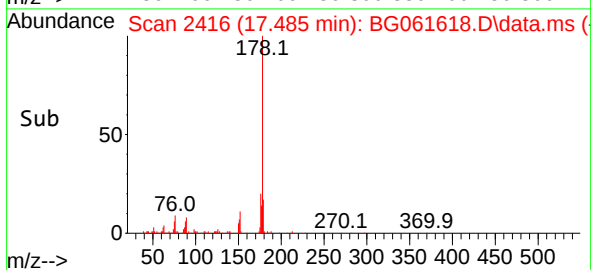
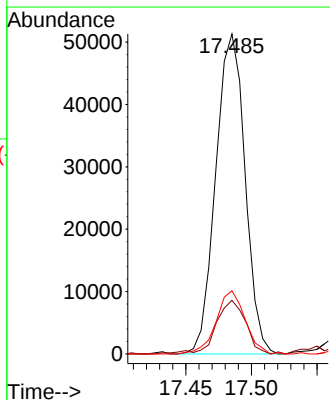
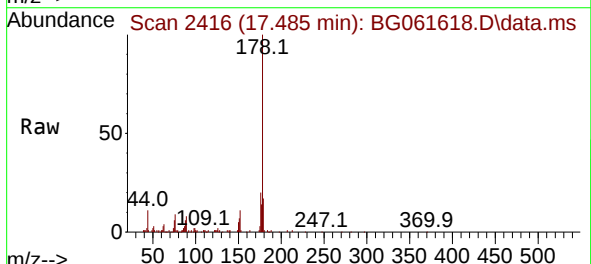
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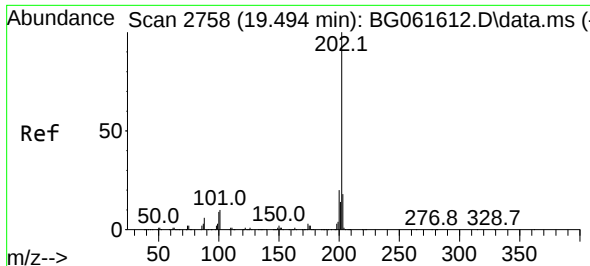
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#72
Phenanthrene
Concen: 4.086 ng/ul
RT: 17.485 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG061618.D
Acq: 21 Jun 2024 13:26

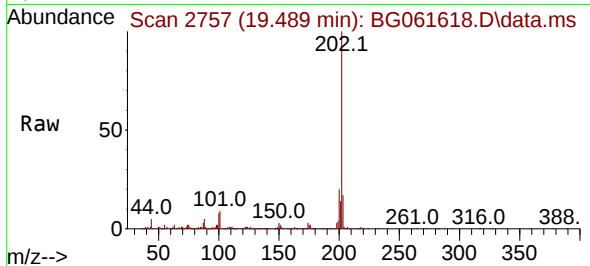
Tgt Ion:178 Resp: 79764
Ion Ratio Lower Upper
178 100
179 16.7 12.0 18.0
176 19.8 16.2 24.2





#80
Fluoranthene
Concen: 10.740 ng/ul
RT: 19.489 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG061618.D
Acq: 21 Jun 2024 13:26

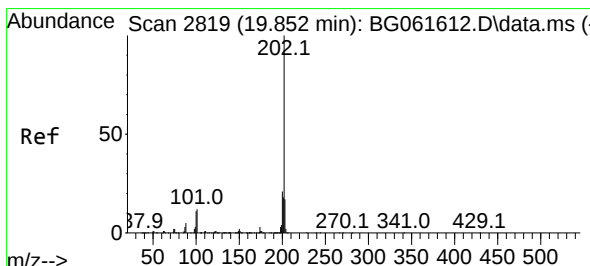
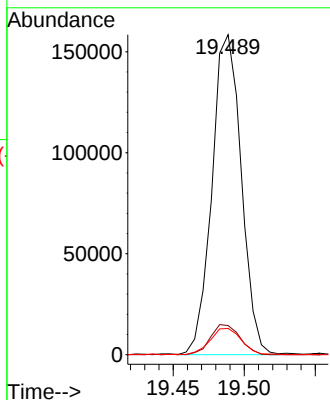
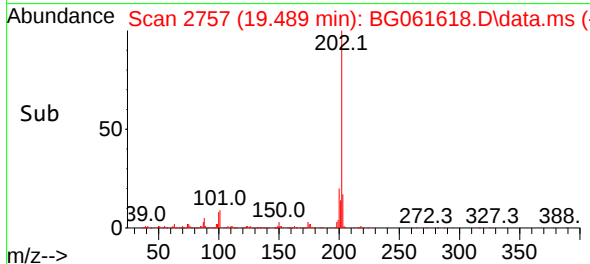
Instrument :
BNA_G
ClientSampleId :
A4BP4



Tgt Ion:202 Resp: 227408
Ion Ratio Lower Upper
202 100
101 9.1 7.8 11.6
100 8.2 7.7 11.5

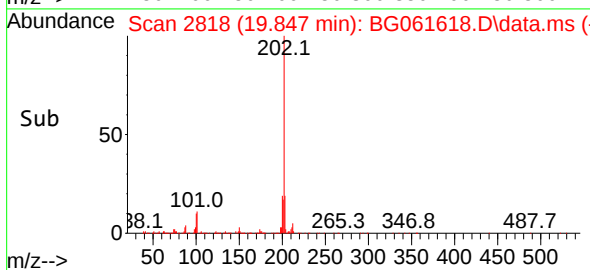
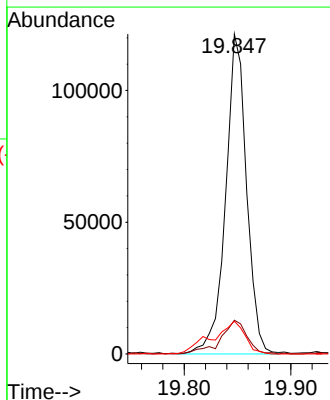
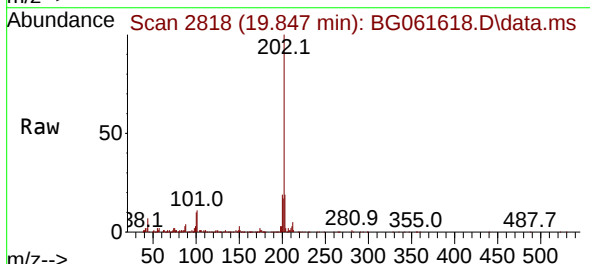
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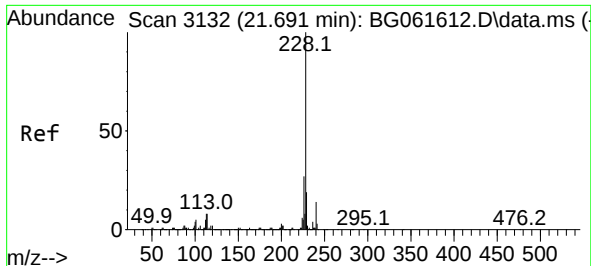
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#82
Pyrene
Concen: 7.370 ng/ul
RT: 19.847 min Scan# 2818
Delta R.T. -0.004 min
Lab File: BG061618.D
Acq: 21 Jun 2024 13:26

Tgt Ion:202 Resp: 165929
Ion Ratio Lower Upper
202 100
101 10.5 10.1 15.1
100 10.3 9.9 14.9





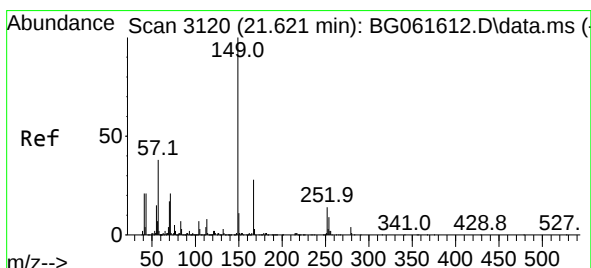
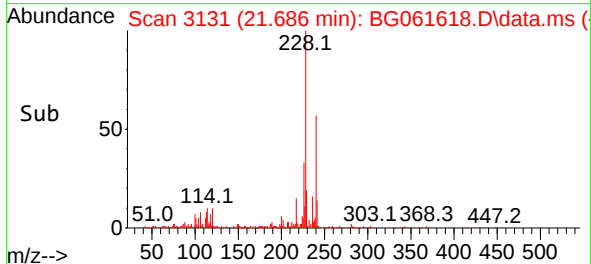
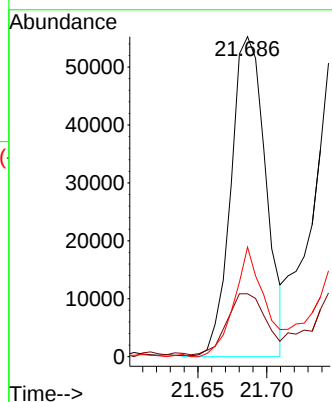
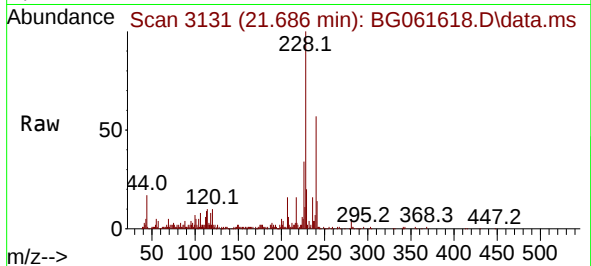
#85
Benzo(a)anthracene
Concen: 4.246 ng/ul m
RT: 21.686 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BG061618.D
Acq: 21 Jun 2024 13:26

Instrument :
BNA_G
ClientSampleId :
A4BP4

Tgt Ion:228 Resp: 9738
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 34.2 21.4 32.2

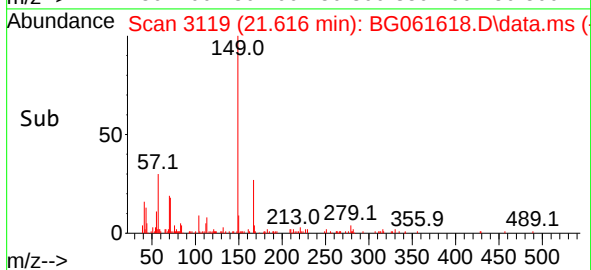
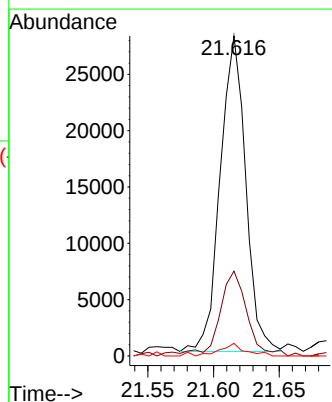
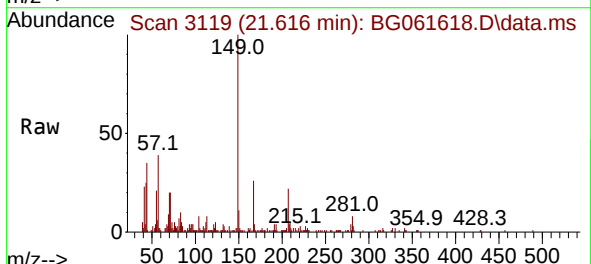
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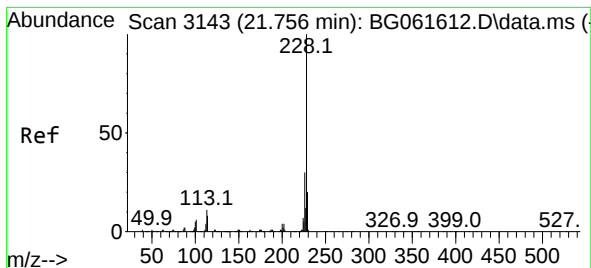
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.143 ng/ul
RT: 21.616 min Scan# 3119
Delta R.T. -0.010 min
Lab File: BG061618.D
Acq: 21 Jun 2024 13:26

Tgt Ion:149 Resp: 37867
Ion Ratio Lower Upper
149 100
167 26.5 20.5 30.7
279 3.9 2.9 4.3





#87

Chrysene

Concen: 5.460 ng/ul

RT: 21.757 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG061618.D

Acq: 21 Jun 2024 13:26

Instrument :

BNA_G

ClientSampleId :

A4BP4

Tgt Ion:228 Resp: 118488

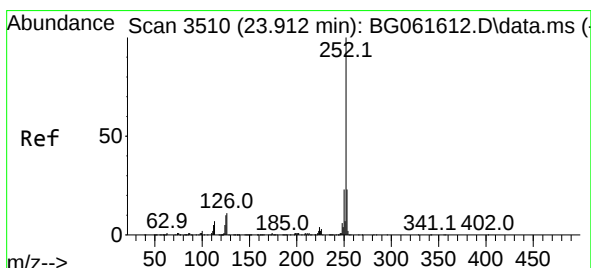
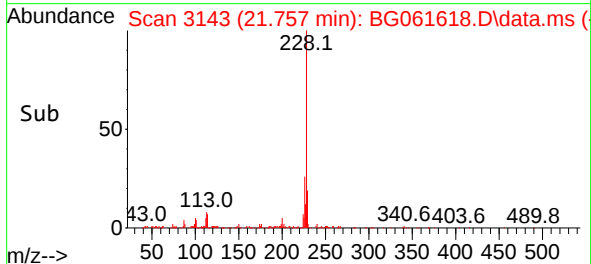
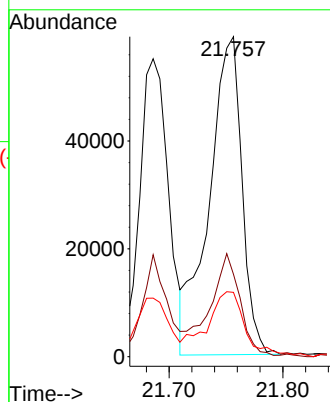
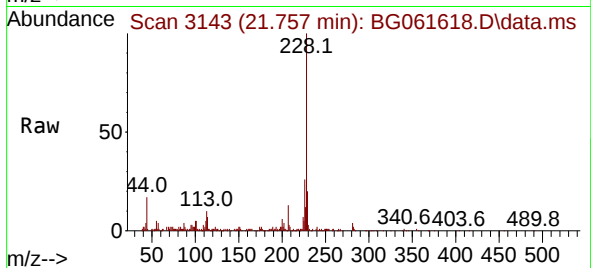
Ion	Ratio	Lower	Upper
228	100		
226	25.8	24.2	36.2
229	20.1	16.5	24.7

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#90

Benzo(b)fluoranthene

Concen: 7.881 ng/ul m

RT: 23.907 min Scan# 3509

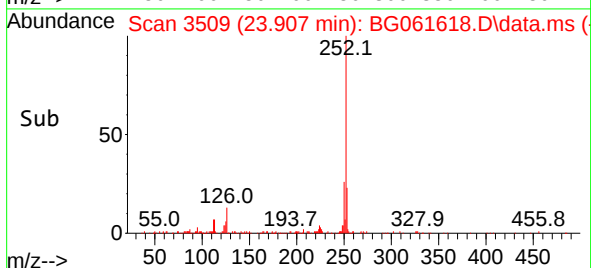
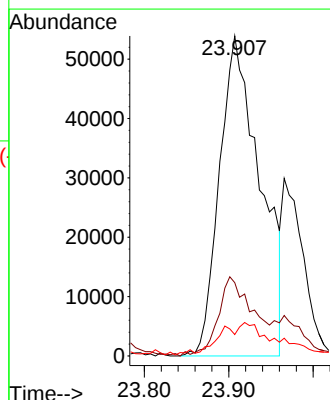
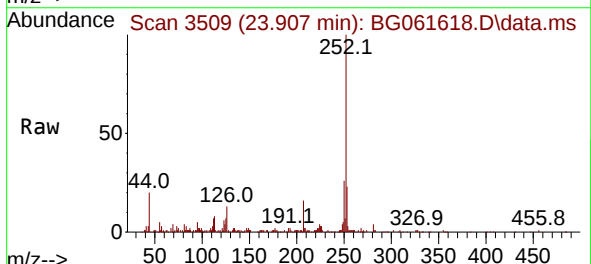
Delta R.T. -0.010 min

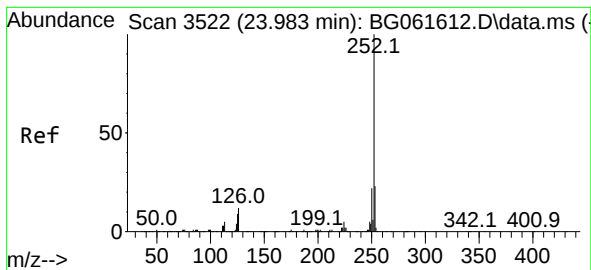
Lab File: BG061618.D

Acq: 21 Jun 2024 13:26

Tgt Ion:252 Resp: 180664

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	6.7	7.0	10.6





#91

Benzo(k)fluoranthene

Concen: 2.159 ng/ul m

RT: 23.966 min Scan# 3

Delta R.T. -0.016 min

Lab File: BG061618.D

Acq: 21 Jun 2024 13:26

Instrument :

BNA_G

ClientSampleId :

A4BP4

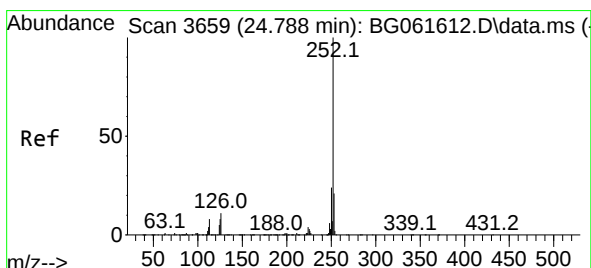
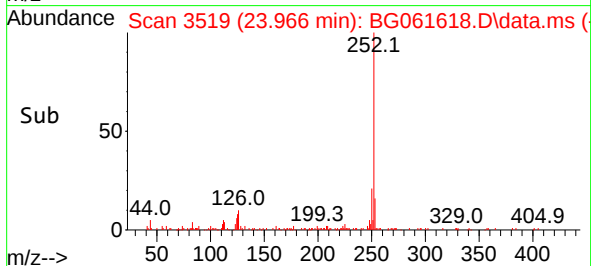
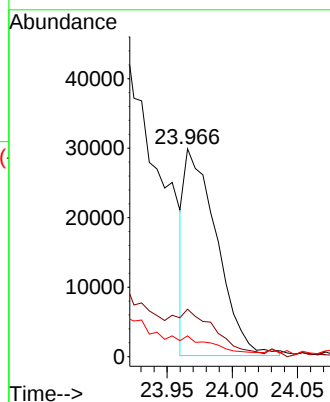
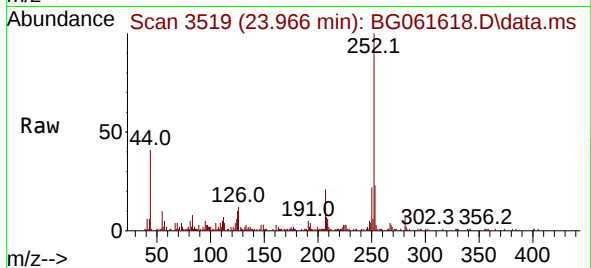
Tgt Ion:	252	Resp:	50902
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	10.0	6.2	9.2

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#93

Benzo(a)pyrene

Concen: 2.693 ng/ul

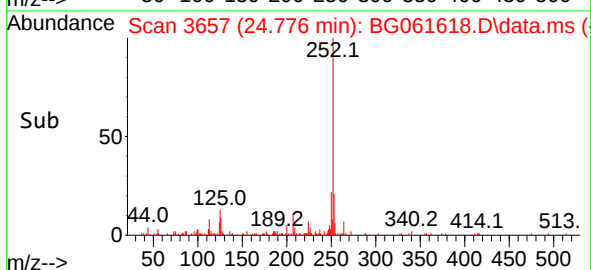
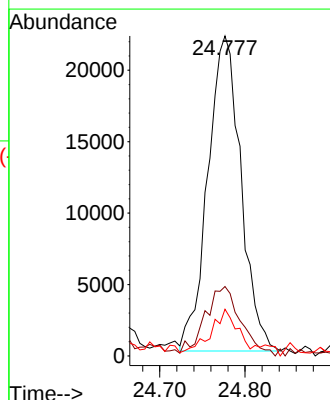
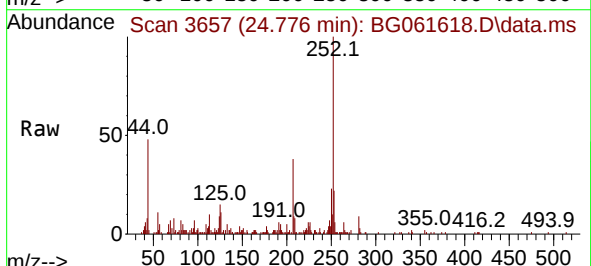
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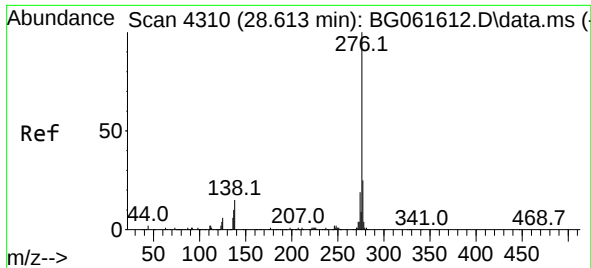
Delta R.T. -0.016 min

Lab File: BG061618.D

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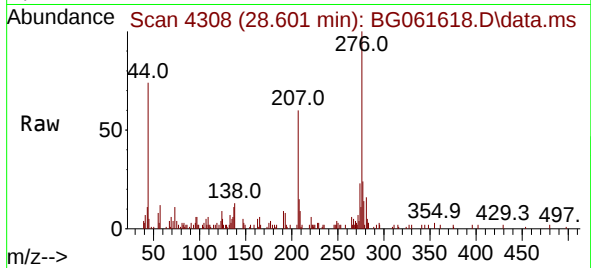
Tgt Ion:	252	Resp:	59446
Ion Ratio	Lower	Upper	
252	100		
253	21.7	16.8	25.2
125	14.6	6.5	9.7





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.112 ng/ul m
RT: 28.601 min Scan# 4310
Delta R.T. -0.016 min
Lab File: BG061618.D
Acq: 21 Jun 2024 13:26

Instrument :
BNA_G
ClientSampleId :
A4BP4



Tgt Ion:276 Resp: 58089
Ion Ratio Lower Upper
276 100
138 13.3 12.2 18.4
277 24.0 19.7 29.5

Manual Integrations
APPROVED

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