

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061643.D
 Acq On : 22 Jun 2024 10:59
 Operator : MA/JU
 Sample : P2775-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C90

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 02:02:45 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	8.076	152	47321	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	248980	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	183343	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	430342	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	372491	20.000	ng/u1	0.00
88) Perylene-d12	24.933	264	444553	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	4736	3.615	ng/uL	0.00
4) Pyridine-d5	3.887	84	39808	10.051	ng/u1	0.00
7) Phenol-d5	7.213	99	103708	20.188	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	58042	18.125	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	70593	20.025	ng/u1	0.00
15) 4-Methylphenol-d8	8.764	113	77924	19.622	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	33483	19.806	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	36092	21.079	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	82205	20.276	ng/u1	0.00
31) 4-Chloroaniline-d4	11.020	131	32694	5.326	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	273006	19.350	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	314630	20.348	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	48129	19.863	ng/u1	0.00
60) Fluorene-d10	15.691	176	259221	20.987	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	33771	18.352	ng/u1	0.00
73) Anthracene-d10	17.542	188	409854	20.865	ng/u1	0.00
81) Pyrene-d10	19.821	212	468254	22.505	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.710	264	456938	21.521	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.489	178	134043	5.921	ng/u1	98
74) Anthracene	17.577	178	27629	1.193	ng/u1	94
80) Fluoranthene	19.492	202	186761	7.736	ng/u1	99
82) Pyrene	19.851	202	184794	7.199	ng/u1	100
85) Benzo(a)anthracene	21.690	228	88114	3.370	ng/u1	95
87) Chrysene	21.754	228	96426	3.897	ng/u1	96
90) Benzo(b)fluoranthene	23.905	252	121387m	4.542	ng/u1	
91) Benzo(k)fluoranthene	23.975	252	50041m	1.821	ng/u1	
93) Benzo(a)pyrene	24.780	252	86869	3.377	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.617	276	71600m	2.233	ng/u1	
96) Benzo(g,h,i)perylene	29.757	276	73473m	2.843	ng/u1	

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

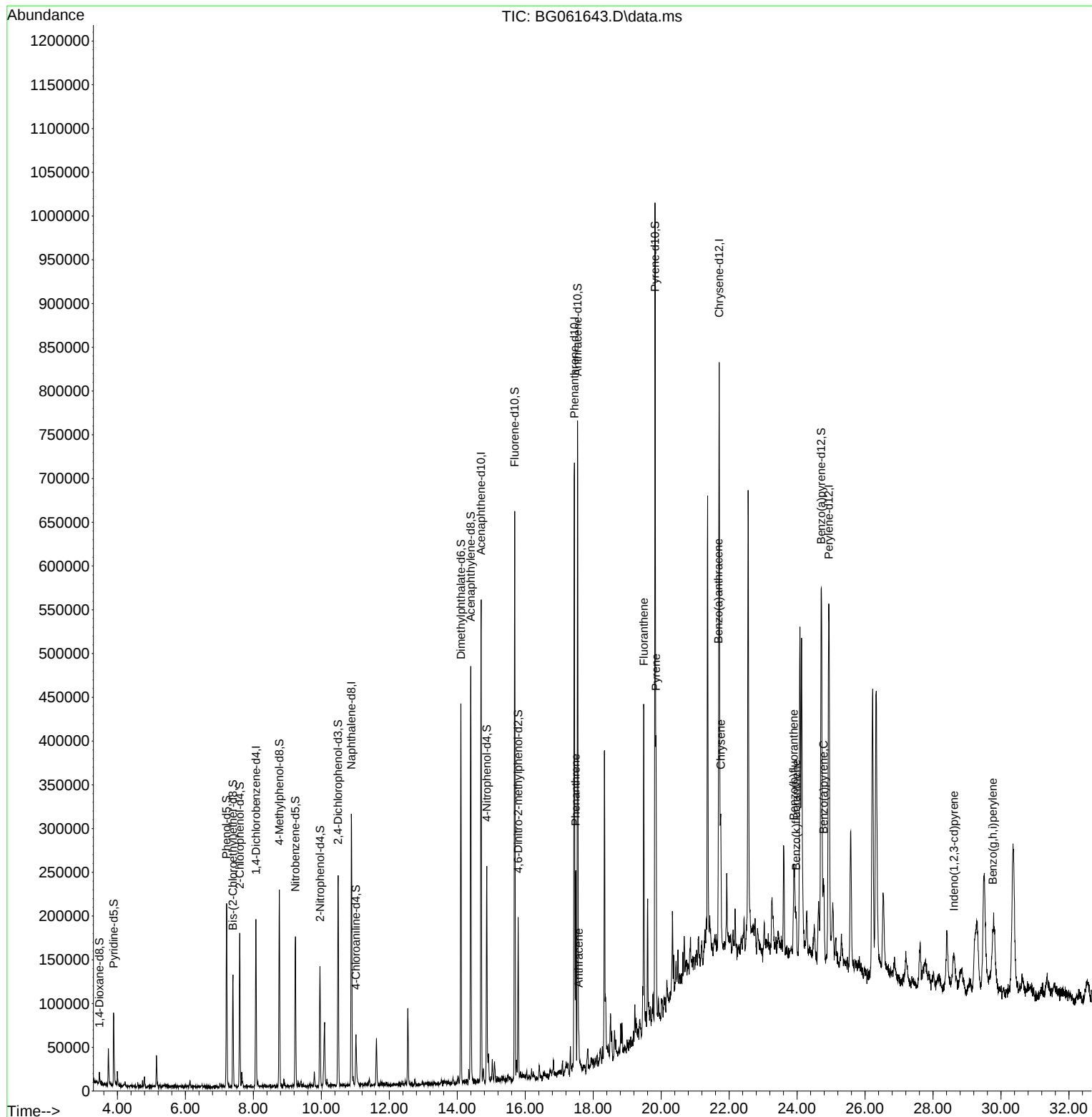
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061643.D
Acq On : 22 Jun 2024 10:59
Operator : MA/JU
Sample : P2775-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

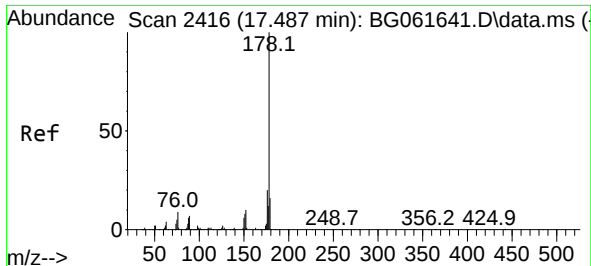
Instrument :
BNA_G
ClientSampleId :
A4C90

Manual Integrations
APPROVED

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

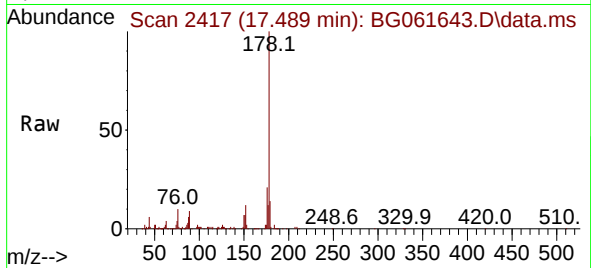
Quant Time: Jun 23 02:02:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.921 ng/ul
RT: 17.489 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BG061643.D
Acq: 22 Jun 2024 10:59

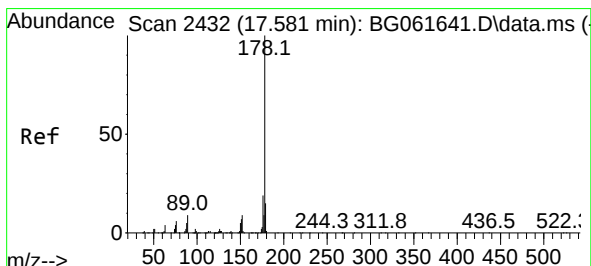
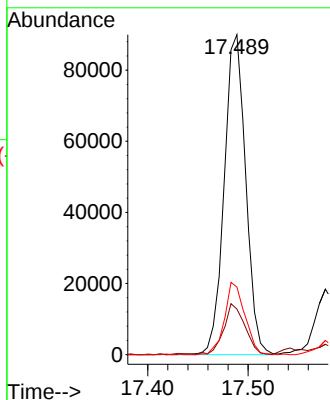
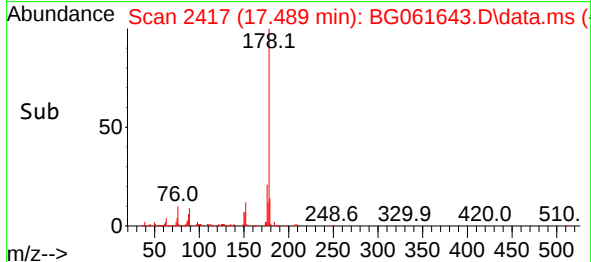
Instrument :
BNA_G
ClientSampleId :
A4C90



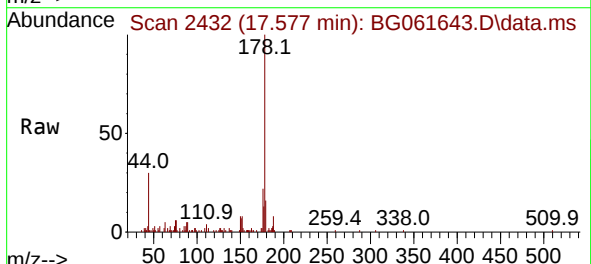
Tgt Ion:178 Resp: 13404
Ion Ratio Lower Upper
178 100
179 14.3 12.0 18.0
176 21.1 16.2 24.2

Manual Integrations
APPROVED

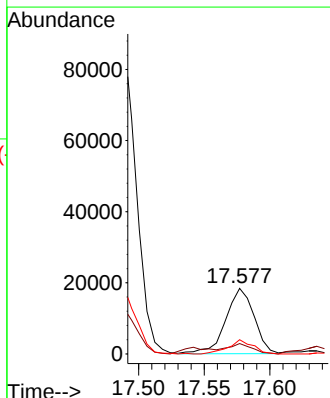
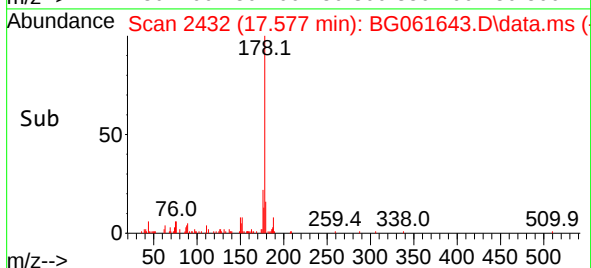
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

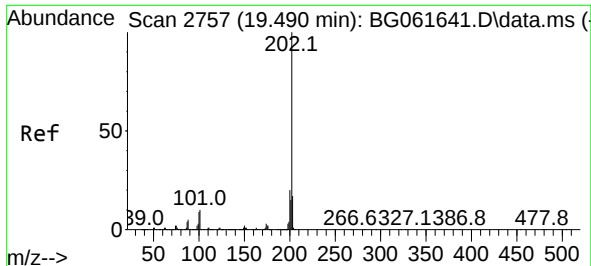


#74
Anthracene
Concen: 1.193 ng/ul
RT: 17.577 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BG061643.D
Acq: 22 Jun 2024 10:59



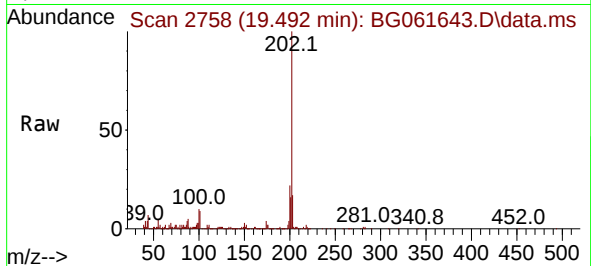
Tgt Ion:178 Resp: 27629
Ion Ratio Lower Upper
178 100
179 15.9 11.4 17.2
176 21.6 14.7 22.1





#80
Fluoranthene
Concen: 7.736 ng/u1
RT: 19.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG061643.D
Acq: 22 Jun 2024 10:59

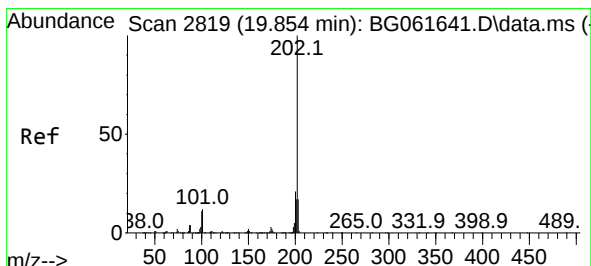
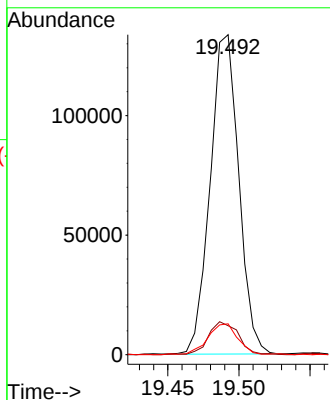
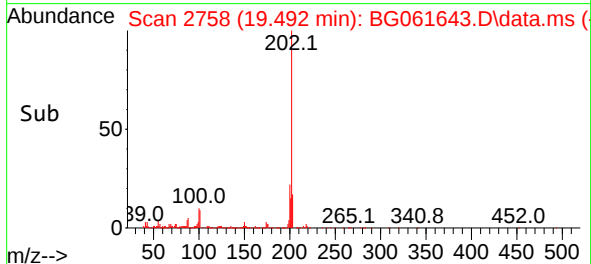
Instrument :
BNA_G
ClientSampleId :
A4C90



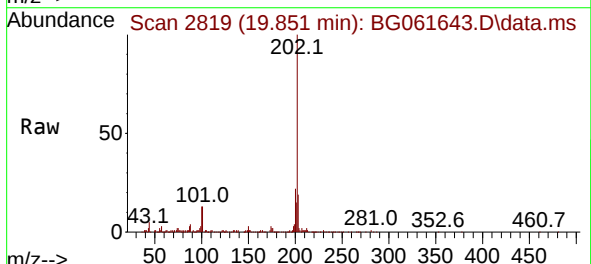
Tgt Ion:202 Resp: 18676
Ion Ratio Lower Upper
202 100
101 9.0 7.8 11.6
100 9.6 7.7 11.5

Manual Integrations
APPROVED

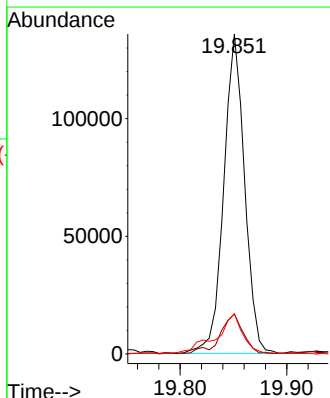
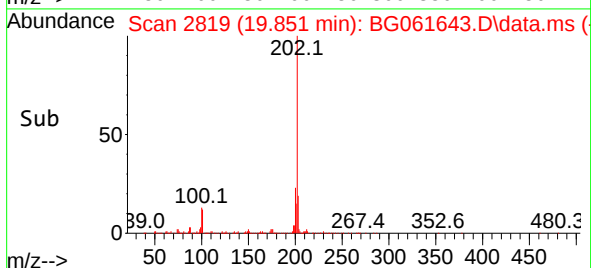
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

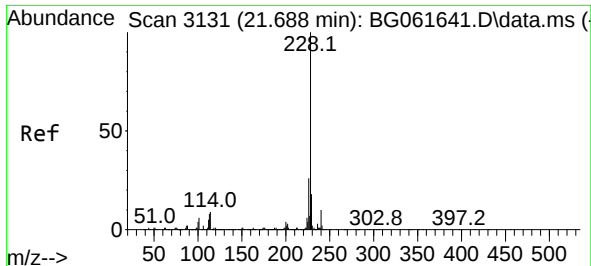


#82
Pyrene
Concen: 7.199 ng/u1
RT: 19.851 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BG061643.D
Acq: 22 Jun 2024 10:59



Tgt Ion:202 Resp: 184794
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 12.5 9.9 14.9





#85

Benzo(a)anthracene

Concen: 3.370 ng/ul

RT: 21.690 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG061643.D

Acq: 22 Jun 2024 10:59

Instrument :

BNA_G

ClientSampleId :

A4C90

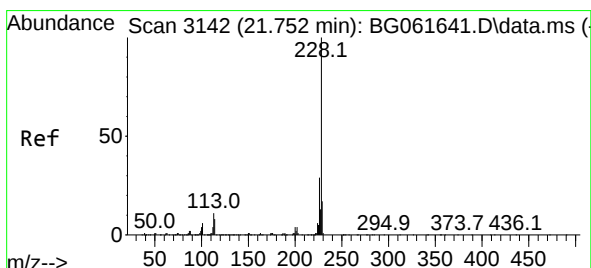
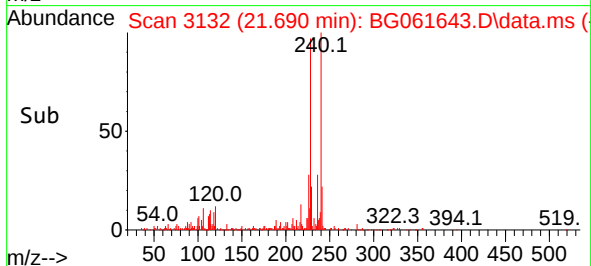
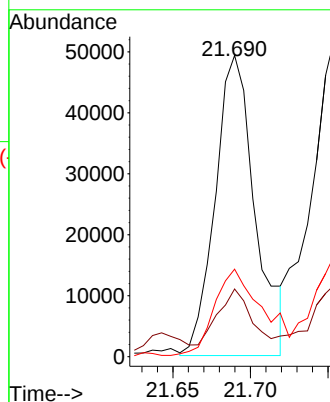
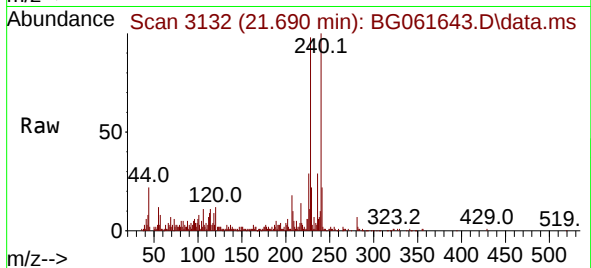
Tgt Ion:	228	Resp:	88114
Ion Ratio	Lower	Upper	
228	100		
229	22.5	15.8	23.8
226	29.1	21.4	32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#87

Chrysene

Concen: 3.897 ng/ul

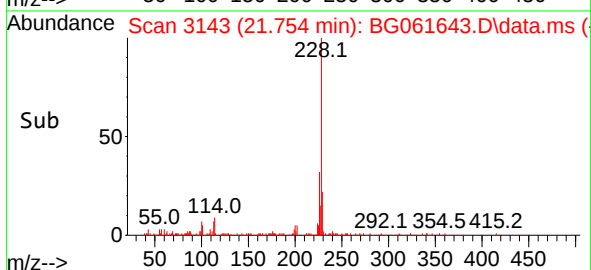
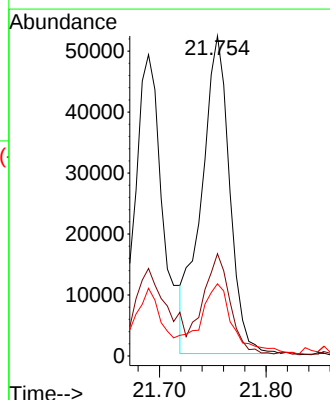
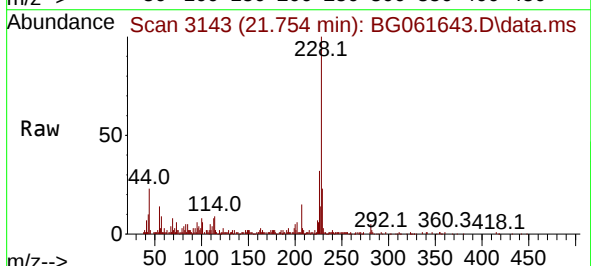
RT: 21.754 min Scan# 3143

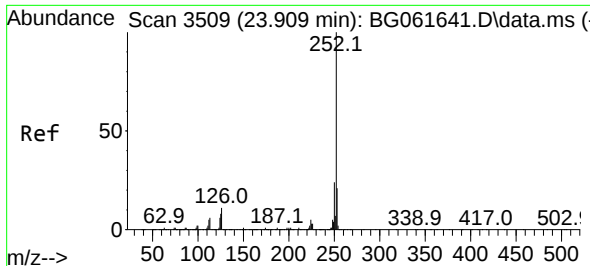
Delta R.T. -0.006 min

Lab File: BG061643.D

Acq: 22 Jun 2024 10:59

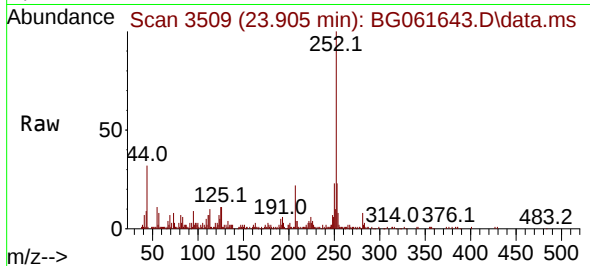
Tgt Ion:	228	Resp:	96426
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.2	36.2
229	22.5	16.5	24.7





#90
Benzo(b)fluoranthene
Concen: 4.542 ng/ul m
RT: 23.905 min Scan# 3509
Delta R.T. -0.012 min
Lab File: BG061643.D
Acq: 22 Jun 2024 10:59

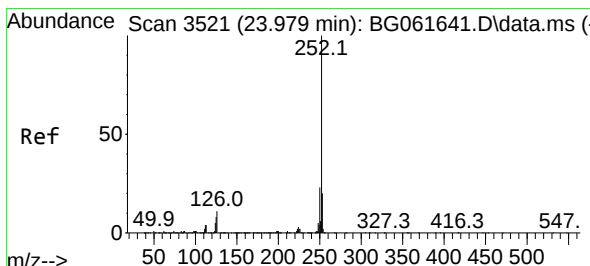
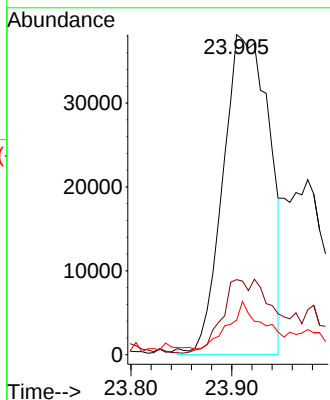
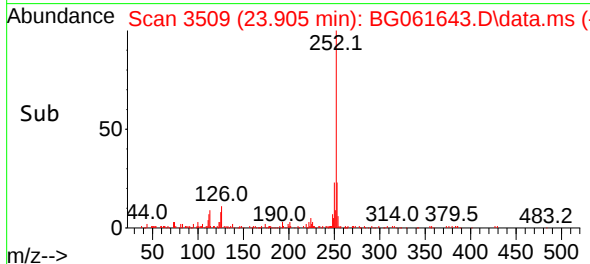
Instrument :
BNA_G
ClientSampleId :
A4C90



Tgt Ion:252 Resp: 12138
Ion Ratio Lower Upper
252 100
253 23.5 18.6 27.8
125 10.8 7.0 10.6

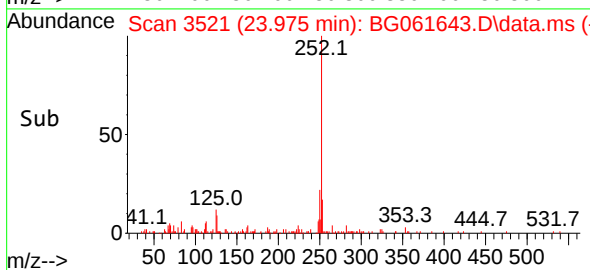
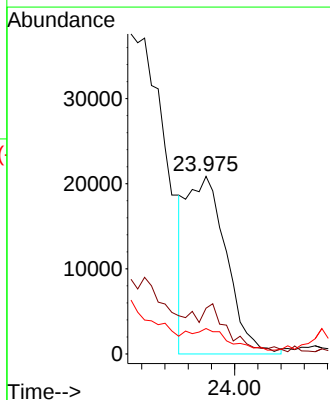
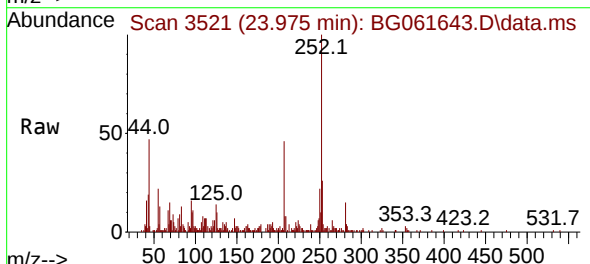
Manual Integrations
APPROVED

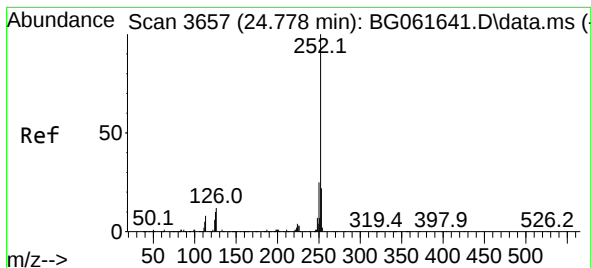
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#91
Benzo(k)fluoranthene
Concen: 1.821 ng/ul m
RT: 23.975 min Scan# 3521
Delta R.T. -0.006 min
Lab File: BG061643.D
Acq: 22 Jun 2024 10:59

Tgt Ion:252 Resp: 50041
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 14.3 6.2 9.2





#93

Benzo(a)pyrene

Concen: 3.377 ng/ul

RT: 24.780 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG061643.D

Acq: 22 Jun 2024 10:59

Instrument :

BNA_G

ClientSampleId :

A4C90

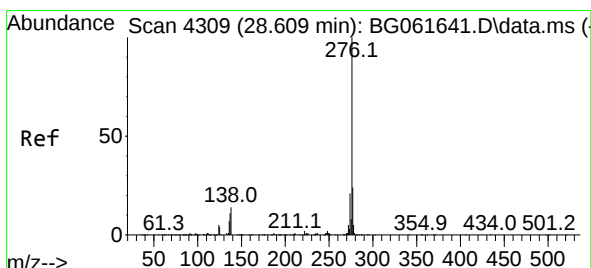
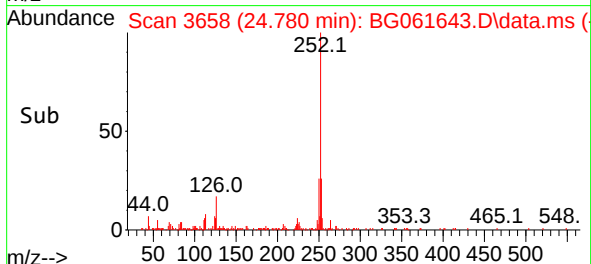
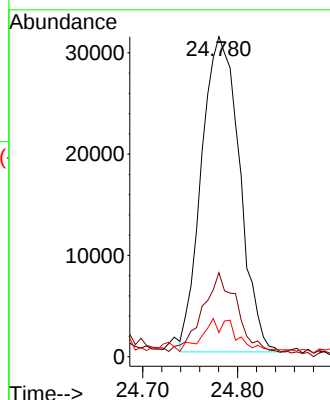
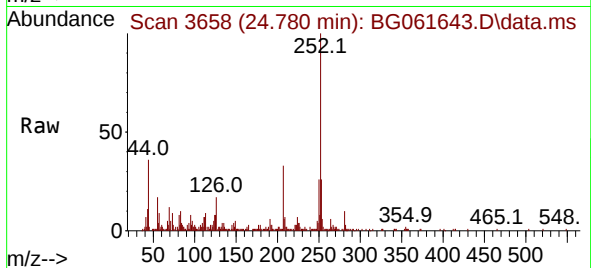
Tgt Ion:	252	Resp:	8686
Ion Ratio	Lower	Upper	
252	100		
253	26.3	16.8	25.2
125	7.5	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.233 ng/ul m

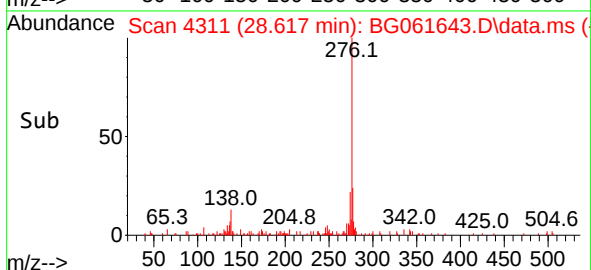
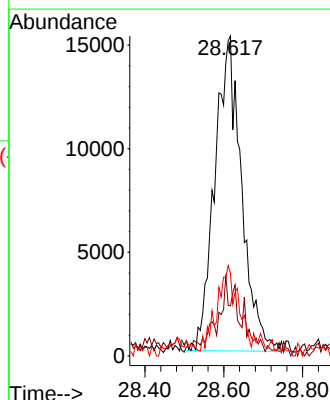
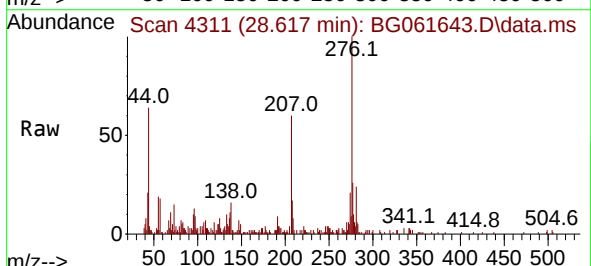
RT: 28.617 min Scan# 4311

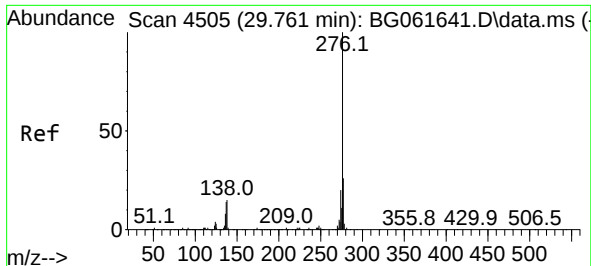
Delta R.T. -0.000 min

Lab File: BG061643.D

Acq: 22 Jun 2024 10:59

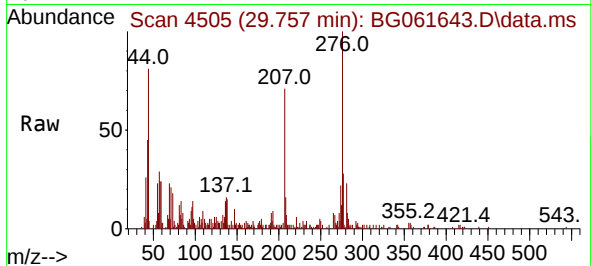
Tgt Ion:	276	Resp:	71600
Ion Ratio	Lower	Upper	
276	100		
138	15.6	12.2	18.4
277	25.8	19.7	29.5





#96
 Benzo(g,h,i)perylene
 Concen: 2.843 ng/ul m
 RT: 29.757 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: BG061643.D
 Acq: 22 Jun 2024 10:59

Instrument :
 BNA_G
 ClientSampleId :
 A4C90



Tgt Ion:276 Resp: 7347
 Ion Ratio Lower Upper
 276 100
 138 14.6 12.2 18.4
 277 28.0 18.6 27.8

Manual Integrations
 APPROVED

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

