

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061921.D
 Acq On : 6 Jul 2024 8:40
 Operator : MA/JU
 Sample : P2982-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CF2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 02:26:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	62419	20.000	ng/u1	0.00
20) Naphthalene-d8	10.909	136	309029	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.717	164	212862	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.460	188	471356	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.720	240	410678	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	502859	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.483	96	3887m	2.340	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.243	99	120069	17.577	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.413	67	72883	16.848	ng/u1	0.00
11) 2-Chlorophenol-d4	7.625	132	88725	18.936	ng/u1	0.00
15) 4-Methylphenol-d8	8.794	113	90042	16.742	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	47277	20.116	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	54918	20.462	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	105779	20.433	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.044	131	22591m	3.006	ng/u1	0.00
46) Dimethylphthalate-d6	14.117	166	343620	19.635	ng/u1	0.00
49) Acenaphthylene-d8	14.411	160	389032	21.260	ng/u1	0.00
54) 4-Nitrophenol-d4	14.905	143	26166m	9.363	ng/u1	-0.01
60) Fluorene-d10	15.704	176	303935	20.631	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	41809	16.889	ng/u1	-0.01
73) Anthracene-d10	17.555	188	453417	20.603	ng/u1	0.00
81) Pyrene-d10	19.834	212	443551	18.362	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.734	264	347091	13.917	ng/u1	0.00
Target Compounds						
72) Phenanthrene	17.502	178	147480	5.934	ng/u1	Qvalue 97
74) Anthracene	17.590	178	29018m	1.130	ng/u1	
80) Fluoranthene	19.505	202	344952	12.067	ng/u1#	94
82) Pyrene	19.864	202	254584	8.621	ng/u1#	96
85) Benzo(a)anthracene	21.697	228	163719	5.506	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.597	149	63285m	3.559	ng/u1	
87) Chrysene	21.767	228	183981	6.609	ng/u1	99
90) Benzo(b)fluoranthene	23.929	252	260084	8.209	ng/u1	99
91) Benzo(k)fluoranthene	23.994	252	98285	3.111	ng/u1	98
93) Benzo(a)pyrene	24.805	252	98755	3.292	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.647	276	104870m	2.735	ng/u1	
95) Dibenzo(a,h)anthracene	28.706	278	34075m	1.076	ng/u1	

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

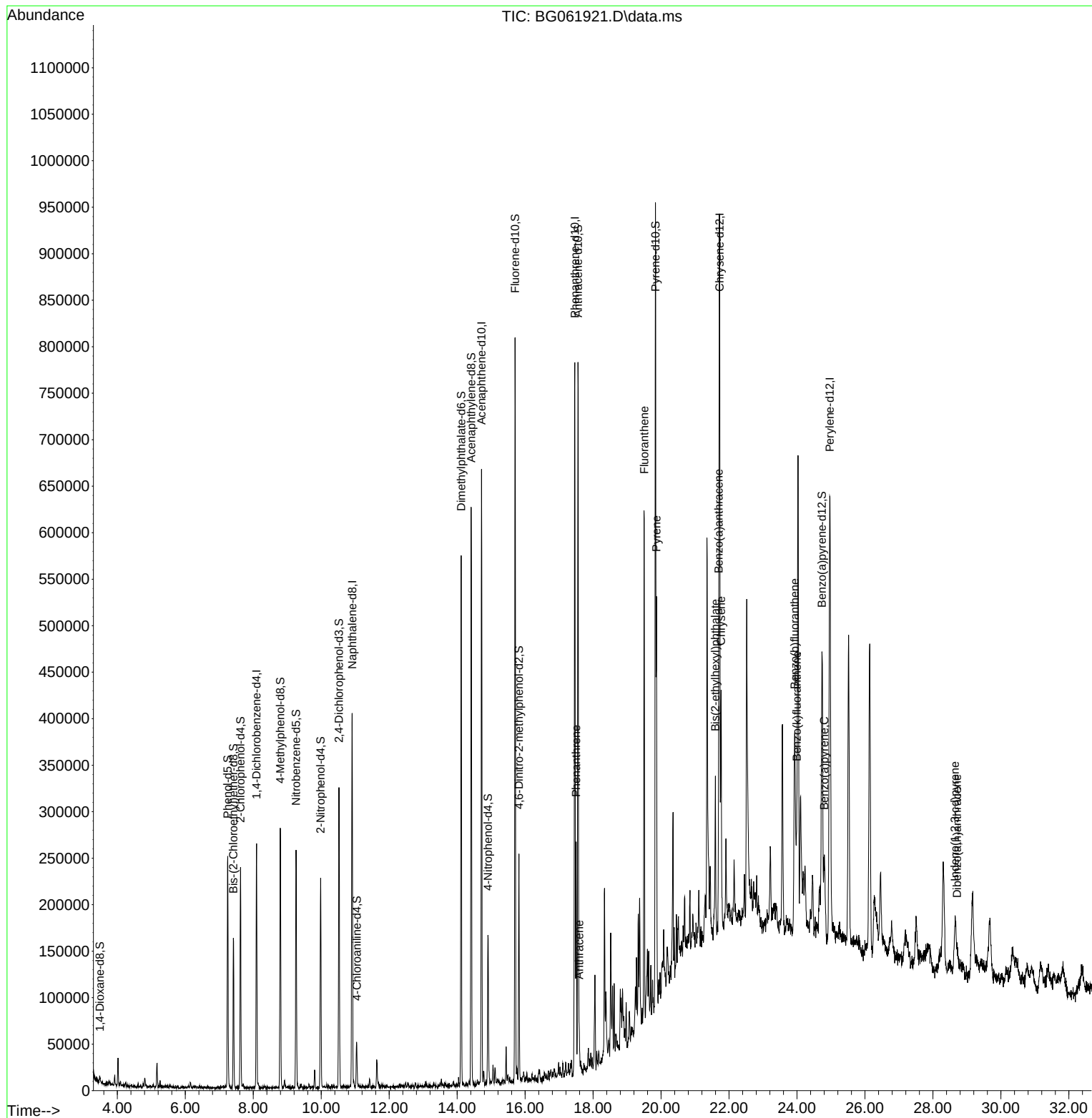
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061921.D
Acq On : 6 Jul 2024 8:40
Operator : MA/JU
Sample : P2982-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

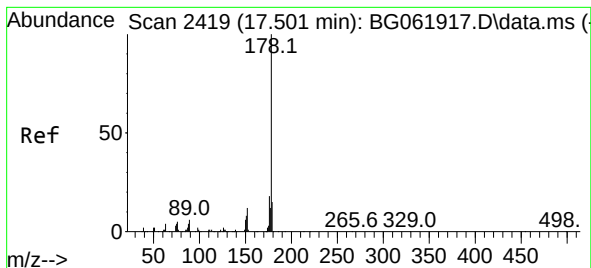
Instrument :
BNA_G
ClientSampleId :
A4CF2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

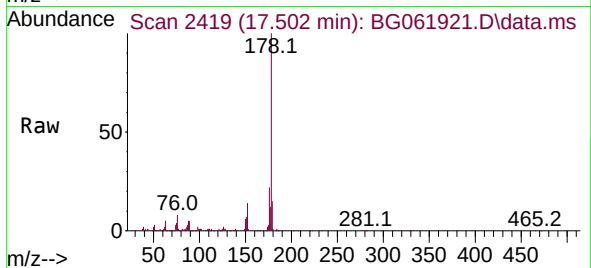
Quant Time: Jul 08 02:26:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.934 ng/ul
RT: 17.502 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BG061921.D
Acq: 6 Jul 2024 8:40

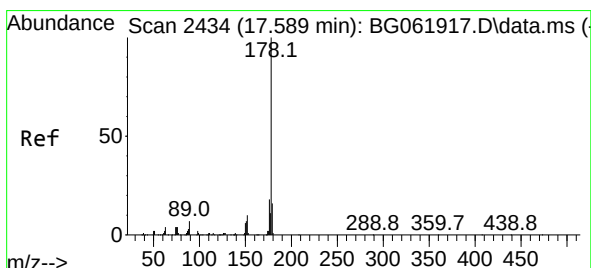
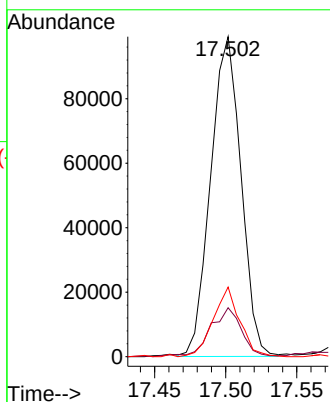
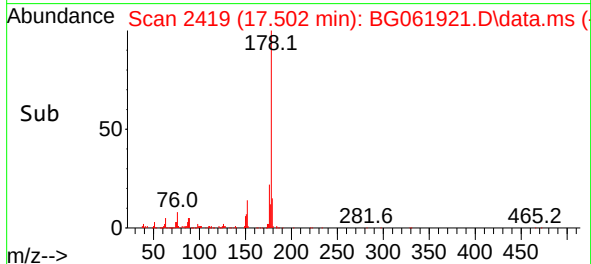
Instrument :
BNA_G
ClientSampleId :
A4CF2



Tgt Ion:178 Resp: 147480
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 21.7 15.5 23.3

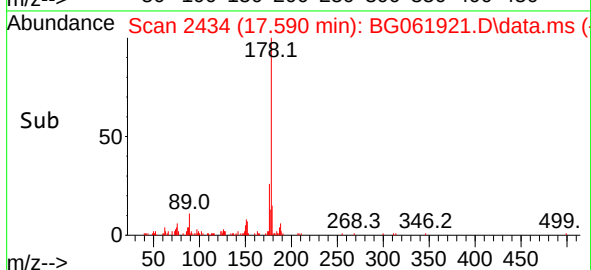
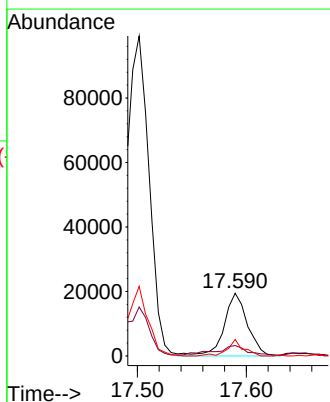
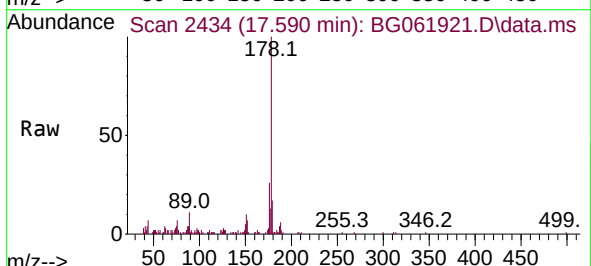
Manual Integrations
APPROVED

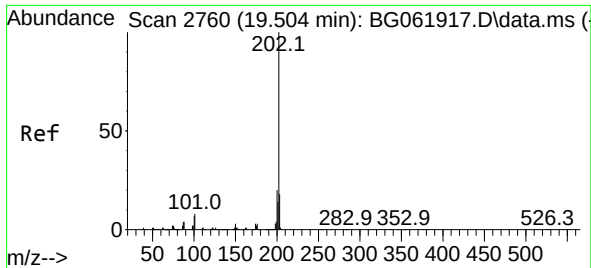
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#74
Anthracene
Concen: 1.130 ng/ul m
RT: 17.590 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BG061921.D
Acq: 6 Jul 2024 8:40

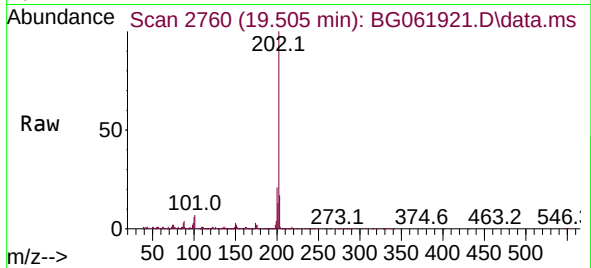
Tgt Ion:178 Resp: 29018
Ion Ratio Lower Upper
178 100
179 16.7 11.9 17.9
176 26.4 14.7 22.1#





#80
Fluoranthene
Concen: 12.067 ng/ul
RT: 19.505 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG061921.D
Acq: 6 Jul 2024 8:40

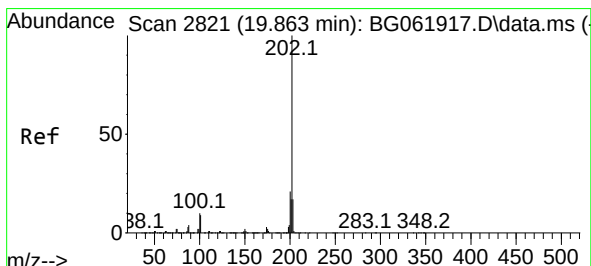
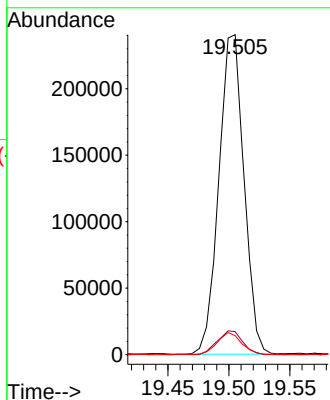
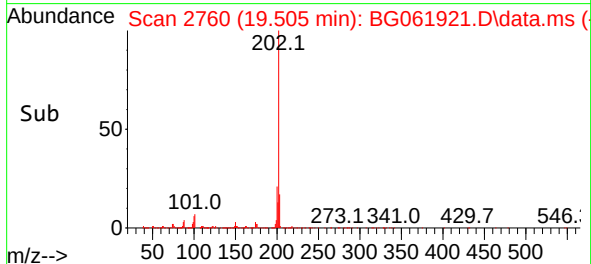
Instrument :
BNA_G
ClientSampleId :
A4CF2



Tgt Ion:202 Resp: 344952
Ion Ratio Lower Upper
202 100
101 7.2 7.4 11.2
100 6.0 6.6 10.0

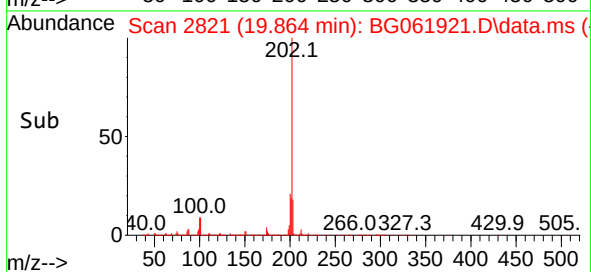
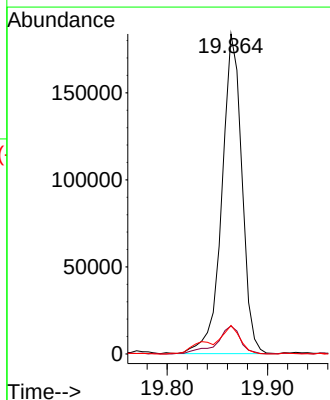
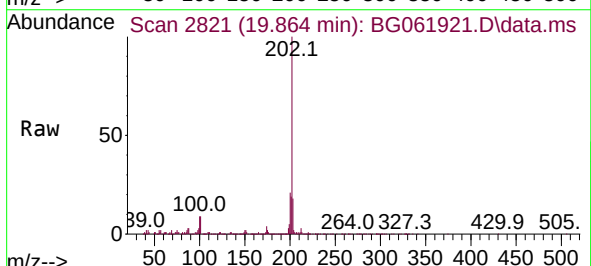
Manual Integrations
APPROVED

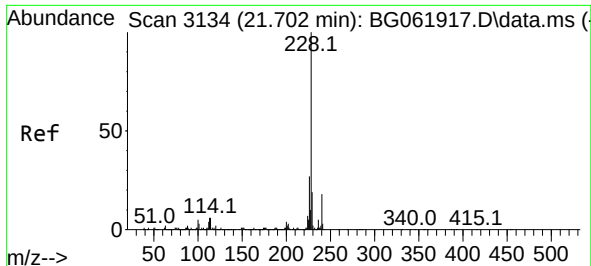
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#82
Pyrene
Concen: 8.621 ng/ul
RT: 19.864 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG061921.D
Acq: 6 Jul 2024 8:40

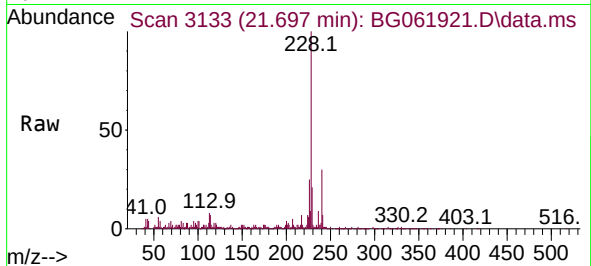
Tgt Ion:202 Resp: 254584
Ion Ratio Lower Upper
202 100
101 8.8 8.8 13.2
100 8.9 7.6 11.4





#85
Benzo(a)anthracene
Concen: 5.506 ng/ul
RT: 21.697 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BG061921.D
Acq: 6 Jul 2024 8:40

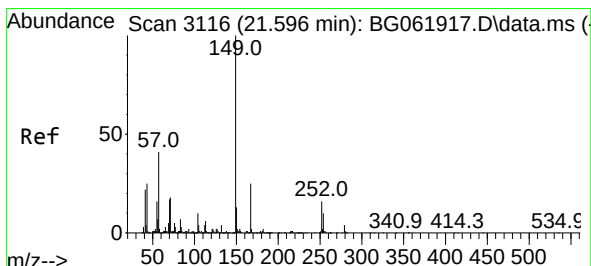
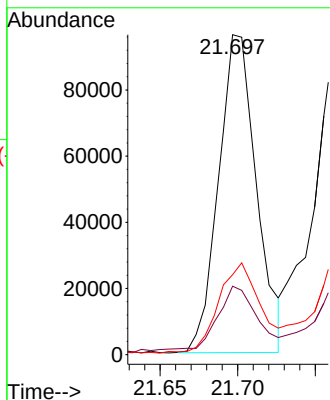
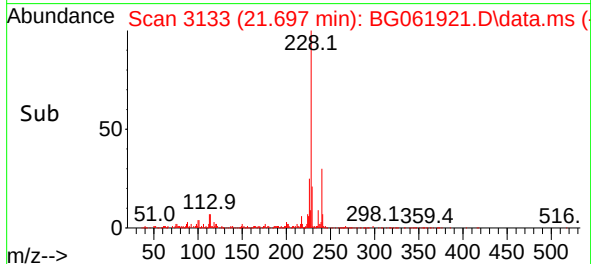
Instrument :
BNA_G
ClientSampleId :
A4CF2



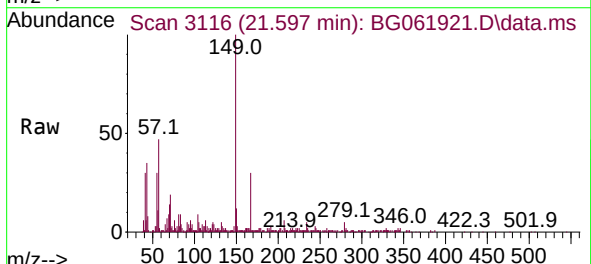
Tgt Ion:228 Resp: 163719
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 25.0 21.7 32.5

Manual Integrations
APPROVED

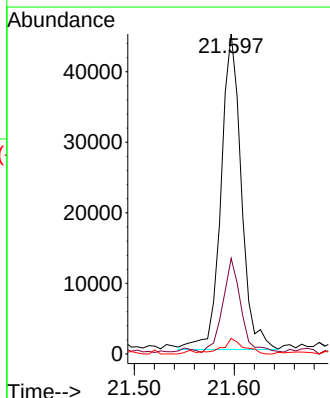
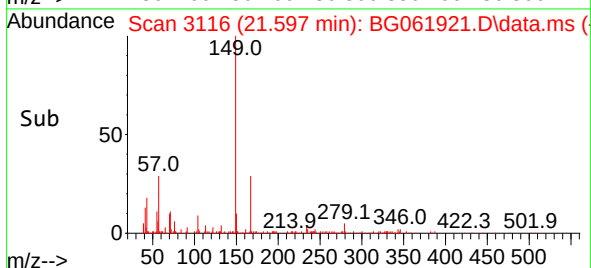
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

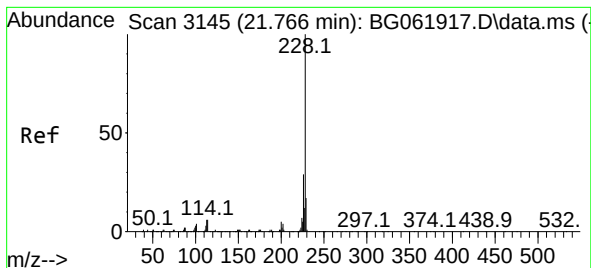


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.559 ng/ul m
RT: 21.597 min Scan# 3116
Delta R.T. -0.005 min
Lab File: BG061921.D
Acq: 6 Jul 2024 8:40



Tgt Ion:149 Resp: 63285
Ion Ratio Lower Upper
149 100
167 29.9 21.7 32.5
279 4.8 2.8 4.2#





#87

Chrysene

Concen: 6.609 ng/ul

RT: 21.767 min Scan# 3145

Delta R.T. -0.005 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

Instrument :

BNA_G

ClientSampleId :

A4CF2

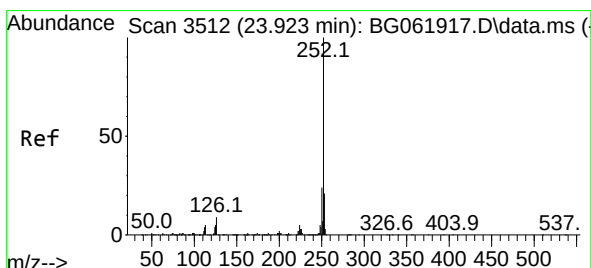
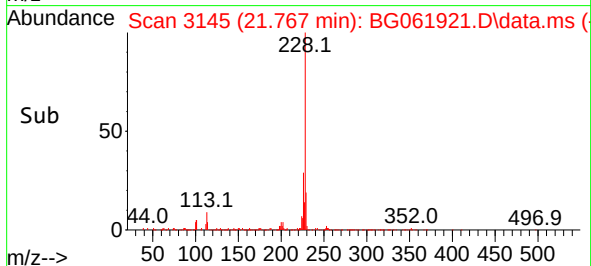
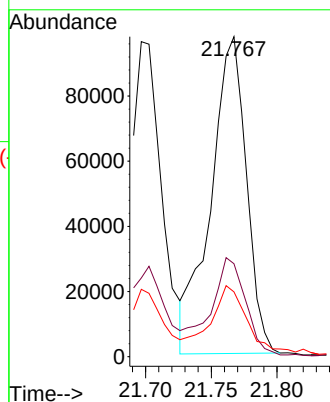
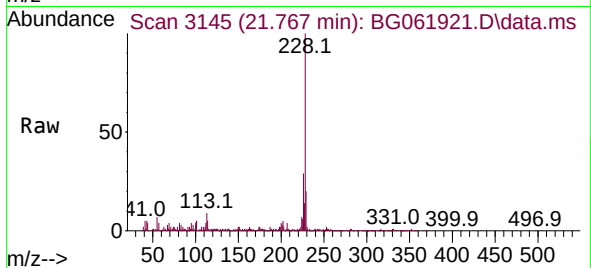
Tgt Ion:	228	Resp:	18398
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.3	34.9
229	20.3	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/09/2024



#90

Benzo(b)fluoranthene

Concen: 8.209 ng/ul

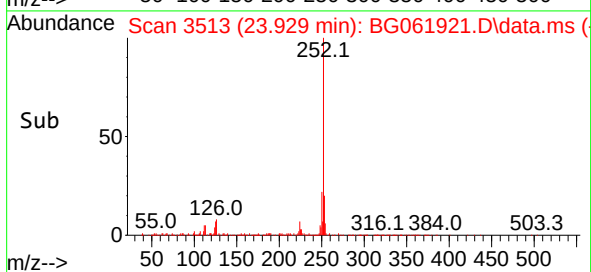
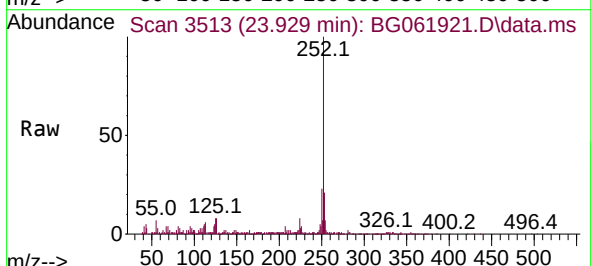
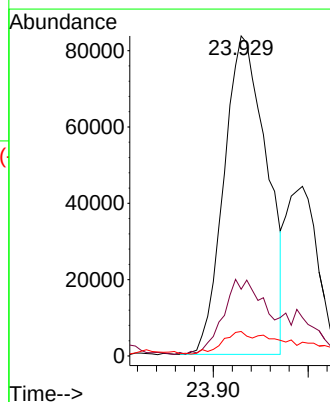
RT: 23.929 min Scan# 3513

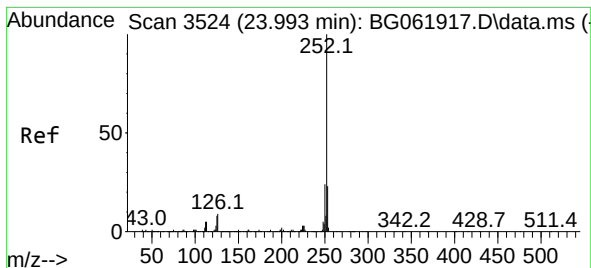
Delta R.T. -0.005 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

Tgt Ion:	252	Resp:	260084
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.2	25.8
125	7.6	6.1	9.1





#91

Benzo(k)fluoranthene

Concen: 3.111 ng/ul

RT: 23.994 min Scan# 3524

Delta R.T. -0.011 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

Instrument :

BNA_G

ClientSampleId :

A4CF2

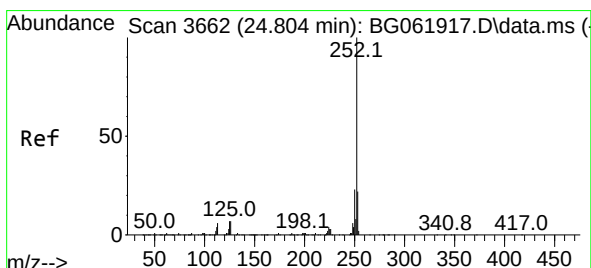
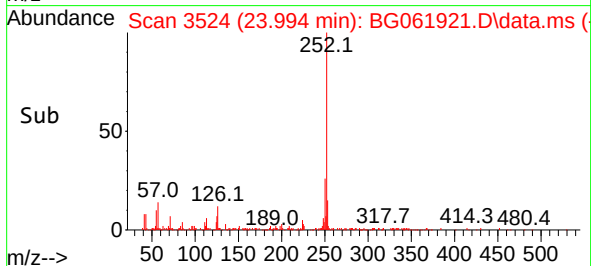
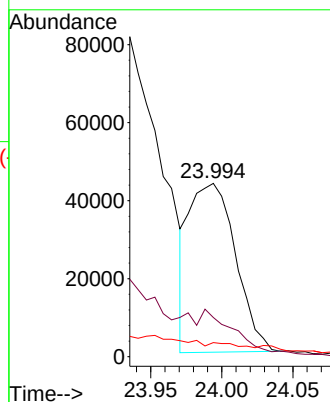
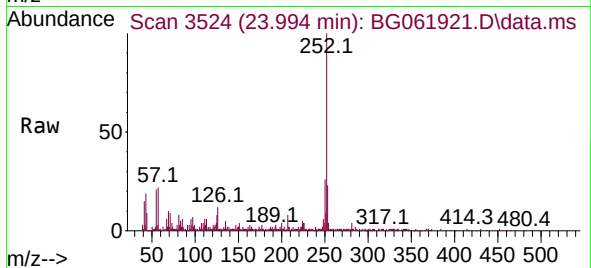
Tgt Ion:	252	Resp:	9828
Ion Ratio	Lower	Upper	
252	100		
253	22.7	19.3	28.9
125	8.1	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/09/2024



#93

Benzo(a)pyrene

Concen: 3.292 ng/ul

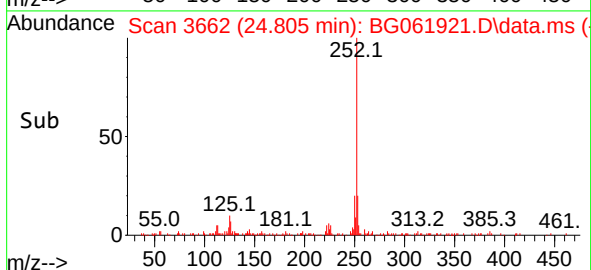
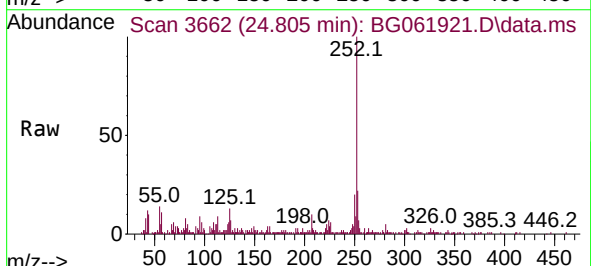
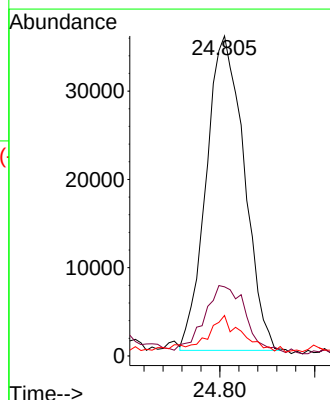
RT: 24.805 min Scan# 3662

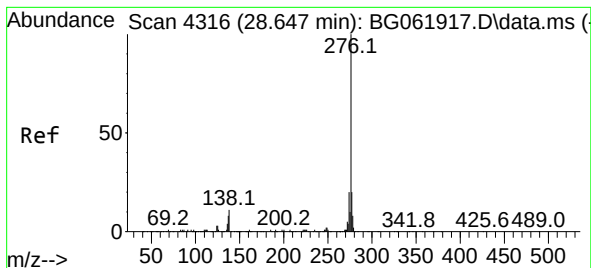
Delta R.T. -0.011 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

Tgt Ion:	252	Resp:	98755
Ion Ratio	Lower	Upper	
252	100		
253	21.6	16.5	24.7
125	12.6	7.4	11.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.735 ng/ul m

RT: 28.647 min Scan# 4316

Delta R.T. -0.017 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

Instrument :

BNA_G

ClientSampleId :

A4CF2

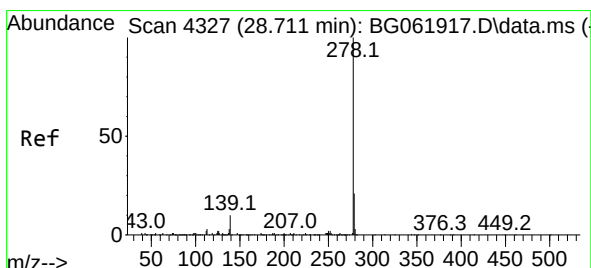
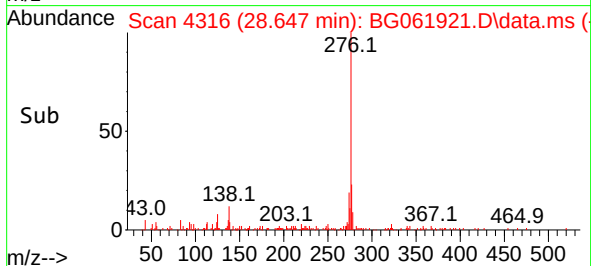
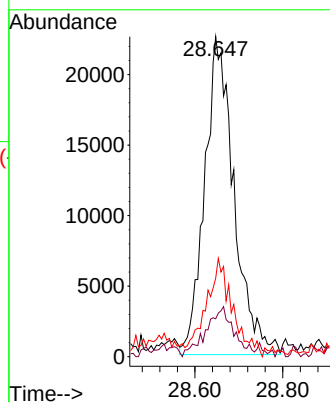
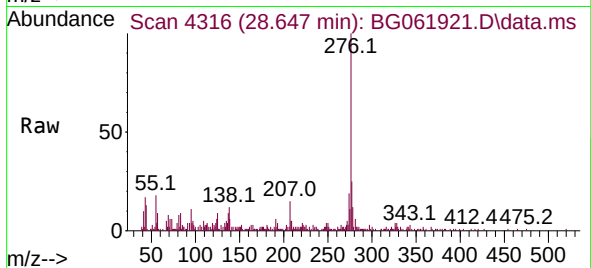
Tgt Ion:	276	Resp:	104870
Ion Ratio	Lower	Upper	
276	100		
138	11.9	11.9	17.9
277	24.6	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/09/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.076 ng/ul m

RT: 28.706 min Scan# 4326

Delta R.T. -0.028 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

Tgt Ion:	278	Resp:	34075
Ion Ratio	Lower	Upper	
278	100		
139	17.5	7.6	11.4
279	25.1	18.8	28.2

