

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061924.D
 Acq On : 6 Jul 2024 10:41
 Operator : MA/JU
 Sample : P2982-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT2

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 04:11:12 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	8.100	152	35107	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	181805	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.715	164	143317	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	334772	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	285167	20.000	ng/ul	0.00
88) Perylene-d12	24.962	264	351724	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	2132	2.282	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.248	99	65373	17.015	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	37228	15.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	45633	17.315	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	46942	15.518	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	25728	18.607	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	30254	19.160	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	57354	18.832	ng/ul	0.00
31) 4-Chloroaniline-d4	11.043	131	12177m	2.754	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	213620	18.130	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	231660	18.803	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	28261	15.019	ng/ul	0.00
60) Fluorene-d10	15.708	176	187576	18.911	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	29912	17.013	ng/ul	0.00
73) Anthracene-d10	17.559	188	288417	18.453	ng/ul	0.00
81) Pyrene-d10	19.839	212	276530	16.486	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	198977	11.407	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.500	178	125434	7.106	ng/ul	97
74) Anthracene	17.594	178	19364m	1.061	ng/ul	
80) Fluoranthene	19.504	202	317805	16.010	ng/ul#	93
82) Pyrene	19.862	202	219470	10.703	ng/ul	96
85) Benzo(a)anthracene	21.701	228	135065	6.542	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.596	149	52388	4.242	ng/ul#	97
87) Chrysene	21.766	228	167702	8.676	ng/ul	94
90) Benzo(b)fluoranthene	23.928	252	244475	11.032	ng/ul	96
91) Benzo(k)fluoranthene	23.987	252	87209m	3.947	ng/ul	
93) Benzo(a)pyrene	24.809	252	76080	3.626	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.658	276	86884m	3.240	ng/ul	
95) Dibenzo(a,h)anthracene	28.705	278	32800m	1.481	ng/ul	

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

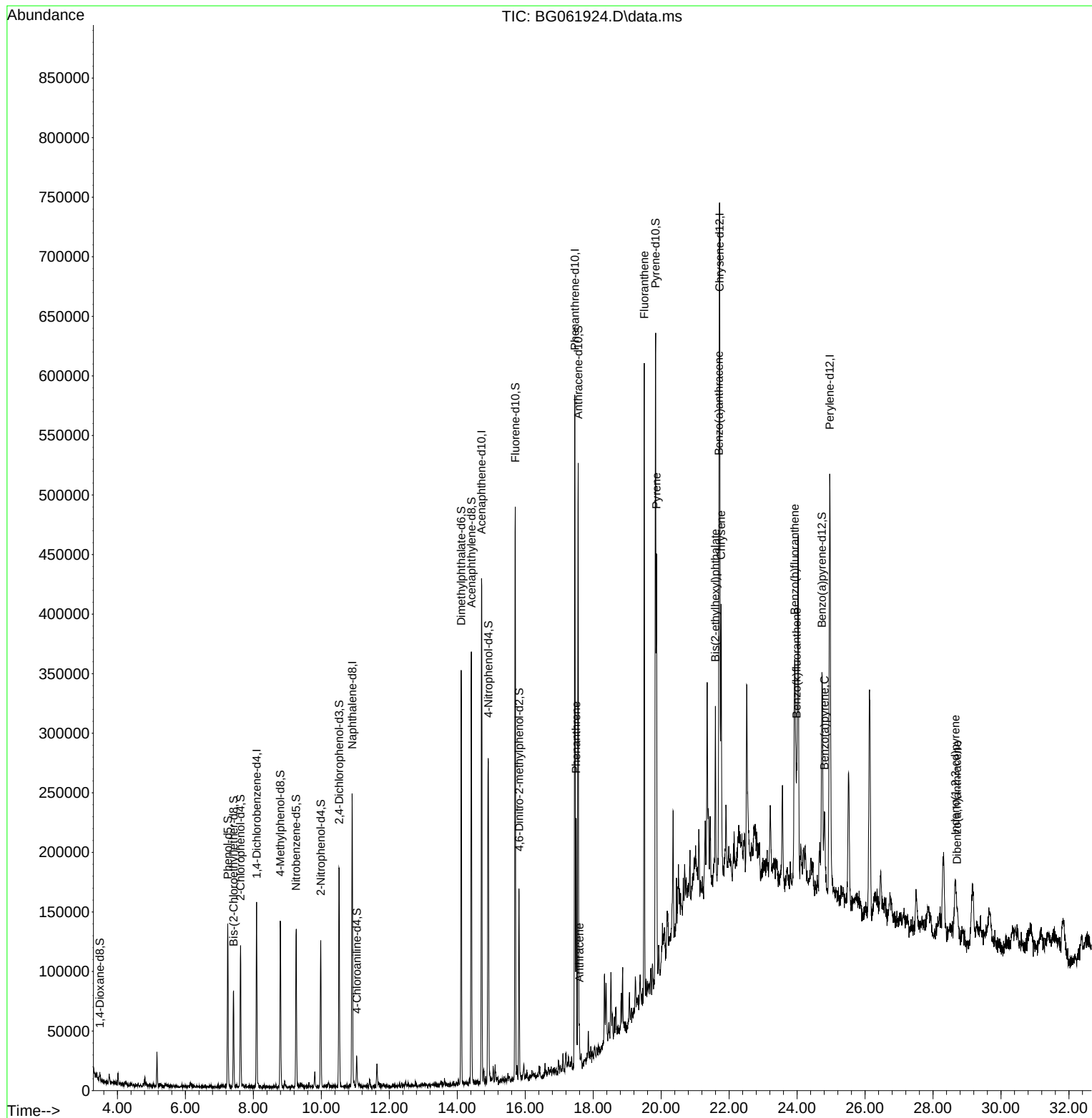
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

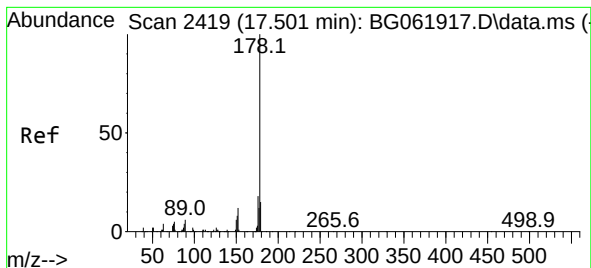
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 7.106 ng/ul

RT: 17.500 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

Instrument :

BNA_G

ClientSampleId :

A4CT2

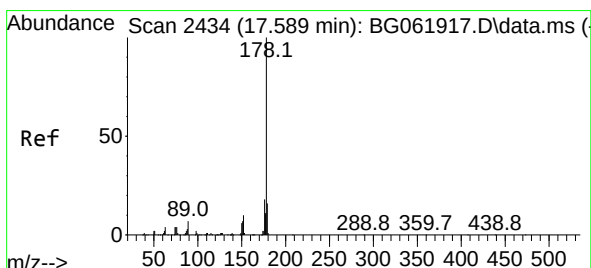
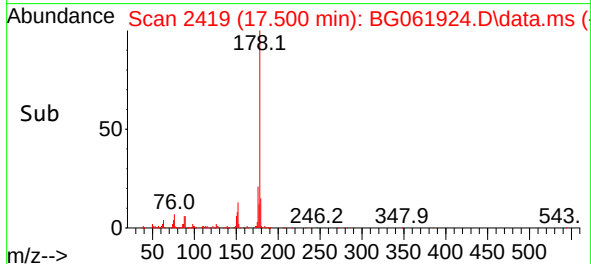
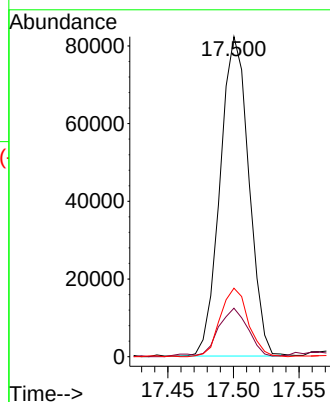
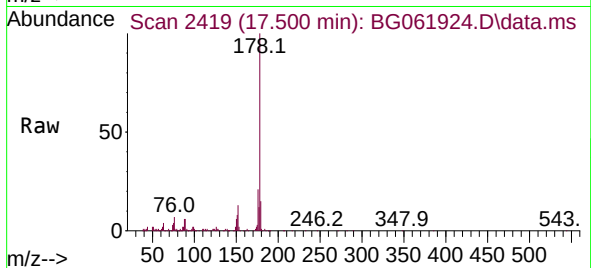
Tgt Ion:178 Resp: 125434
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.9 17.9
 176 21.4 15.5 23.3

Manual Integrations

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#74

Anthracene

Concen: 1.061 ng/ul m

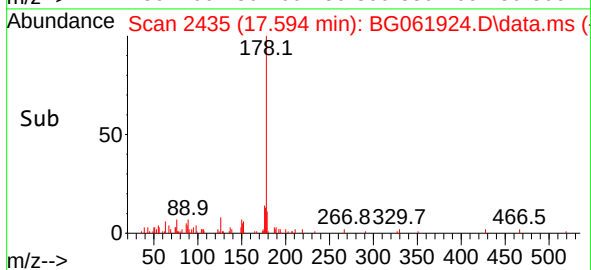
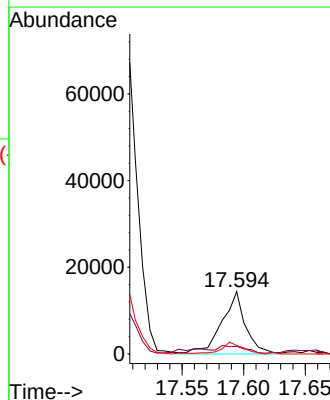
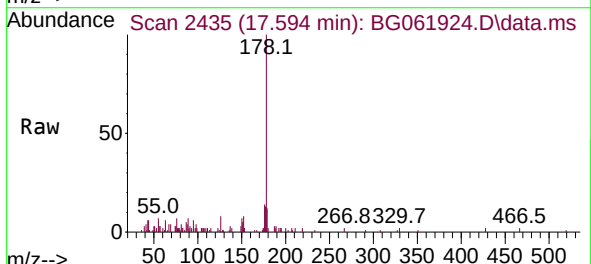
RT: 17.594 min Scan# 2435

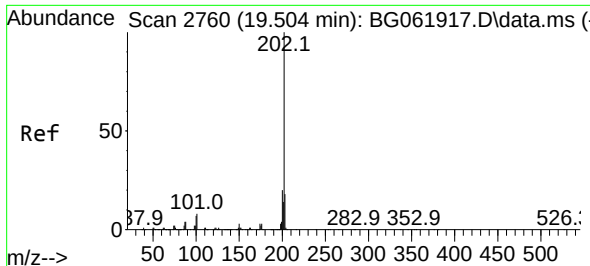
Delta R.T. -0.000 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

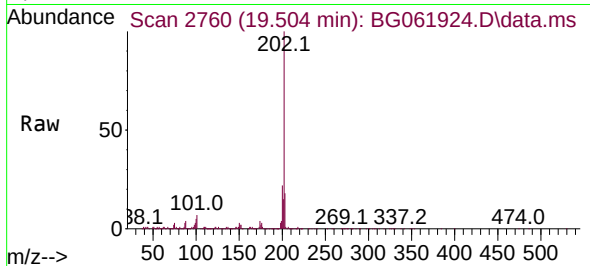
Tgt Ion:178 Resp: 19364
 Ion Ratio Lower Upper
 178 100
 179 12.2 11.9 17.9
 176 13.5 14.7 22.1#





#80
Fluoranthene
Concen: 16.010 ng/ul
RT: 19.504 min Scan# 2760
Delta R.T. -0.000 min
Lab File: BG061924.D
Acq: 6 Jul 2024 10:41

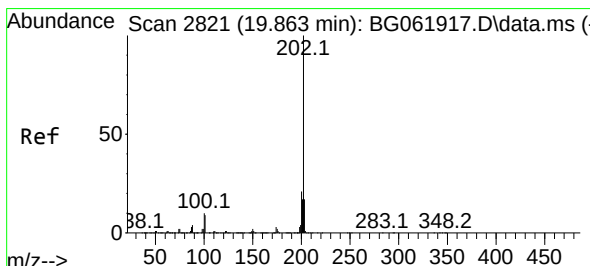
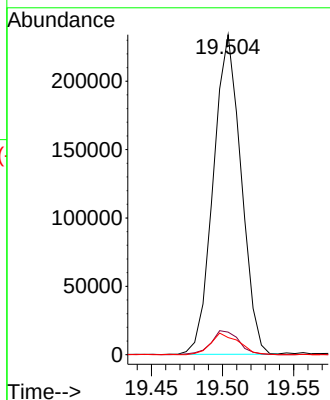
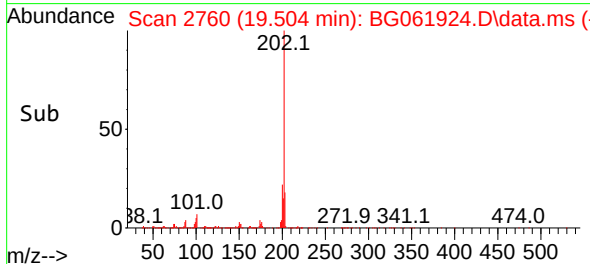
Instrument :
BNA_G
ClientSampleId :
A4CT2



Tgt Ion:202 Resp: 31780
Ion Ratio Lower Upper
202 100
101 7.1 7.4 11.2
100 5.4 6.6 10.0

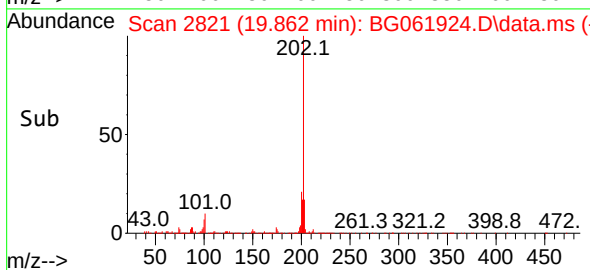
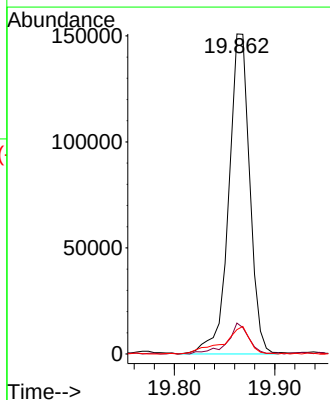
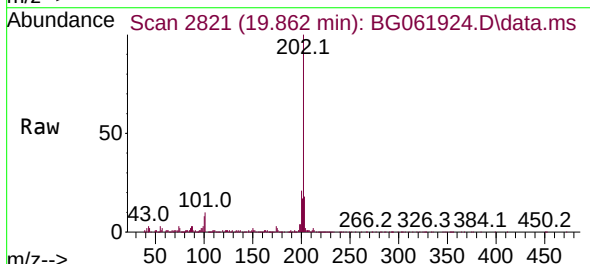
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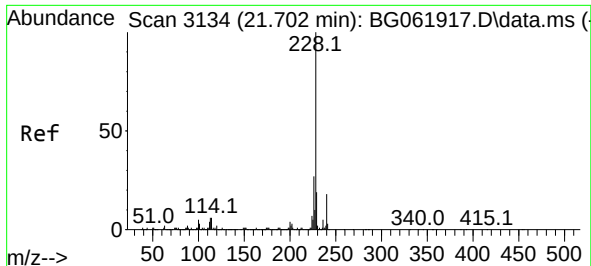
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#82
Pyrene
Concen: 10.703 ng/ul
RT: 19.862 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BG061924.D
Acq: 6 Jul 2024 10:41

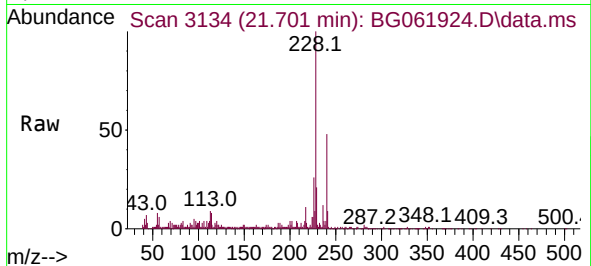
Tgt Ion:202 Resp: 219470
Ion Ratio Lower Upper
202 100
101 9.7 8.8 13.2
100 7.6 7.6 11.4





#85
Benzo(a)anthracene
Concen: 6.542 ng/ul
RT: 21.701 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BG061924.D
Acq: 6 Jul 2024 10:41

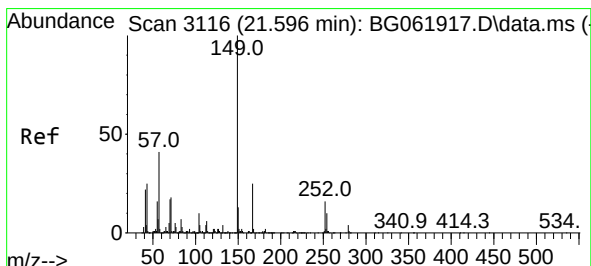
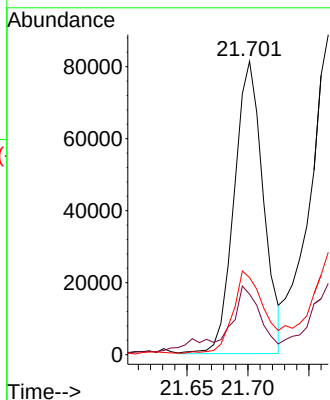
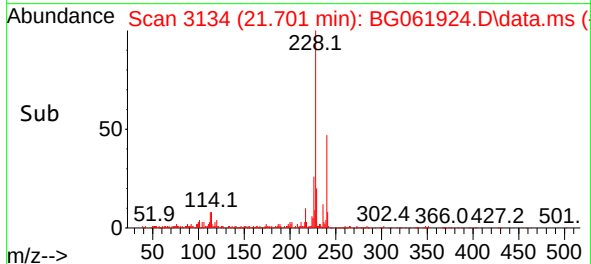
Instrument :
BNA_G
ClientSampleId :
A4CT2



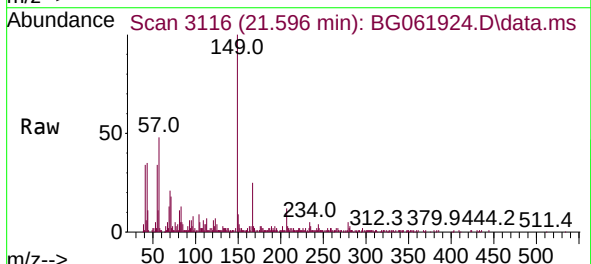
Tgt Ion:228 Resp: 13506
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 26.3 21.7 32.5

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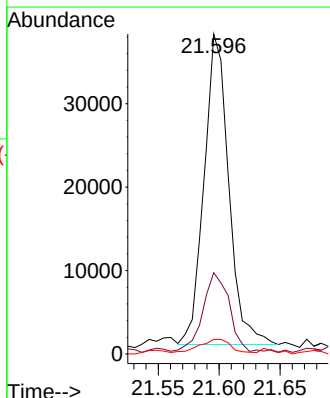
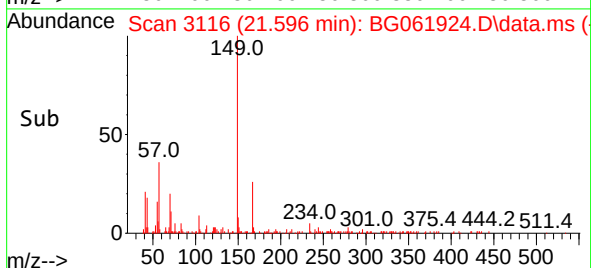
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

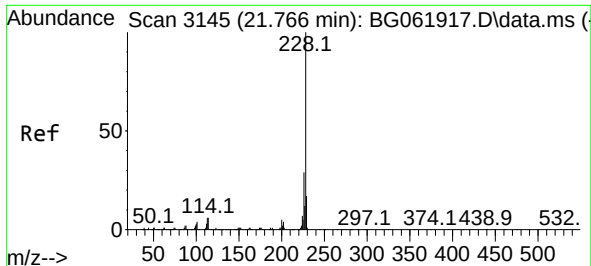


#86
Bis(2-ethylhexyl)phthalate
Concen: 4.242 ng/ul
RT: 21.596 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BG061924.D
Acq: 6 Jul 2024 10:41



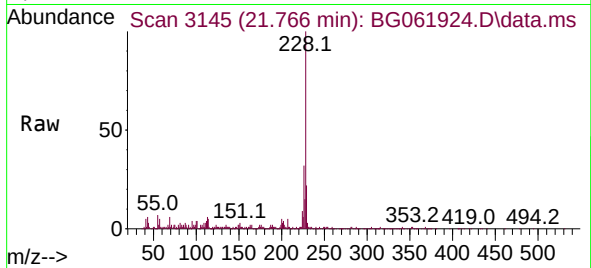
Tgt Ion:149 Resp: 52388
Ion Ratio Lower Upper
149 100
167 25.4 21.7 32.5
279 4.5 2.8 4.2#





#87
Chrysene
Concen: 8.676 ng/uI
RT: 21.766 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG061924.D
Acq: 6 Jul 2024 10:41

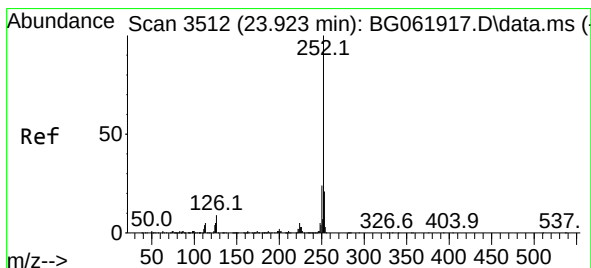
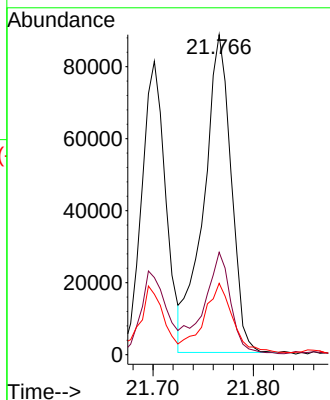
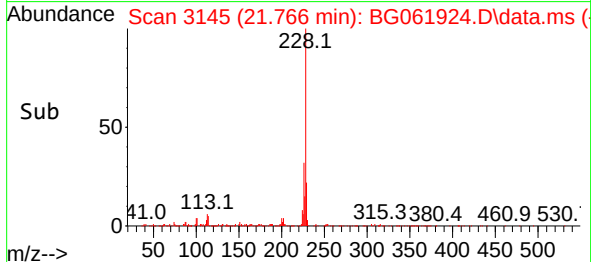
Instrument :
BNA_G
ClientSampleId :
A4CT2



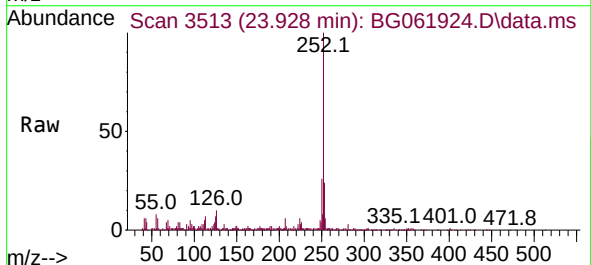
Tgt Ion:228 Resp: 167702
Ion Ratio Lower Upper
228 100
226 32.0 23.3 34.9
229 22.3 15.5 23.3

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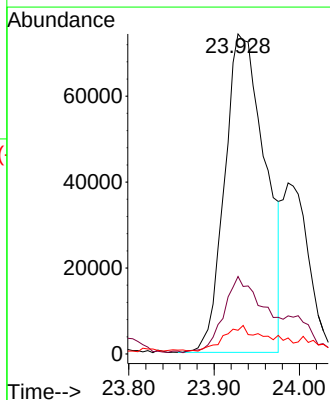
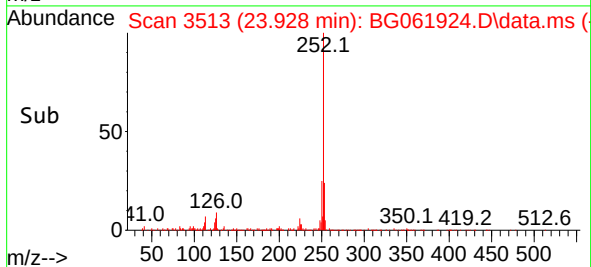
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

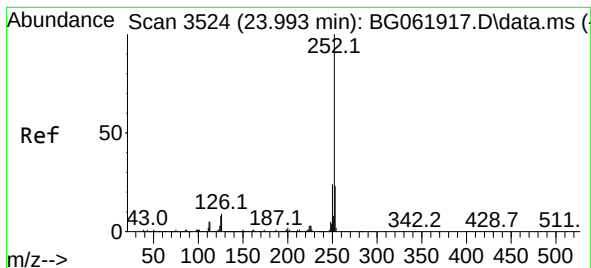


#90
Benzo(b)fluoranthene
Concen: 11.032 ng/uI
RT: 23.928 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BG061924.D
Acq: 6 Jul 2024 10:41



Tgt Ion:252 Resp: 244475
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 7.4 6.1 9.1





#91

Benzo(k)fluoranthene

Concen: 3.947 ng/ul m

RT: 23.987 min Scan# 3

Delta R.T. -0.018 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

Instrument :

BNA_G

ClientSampleId :

A4CT2

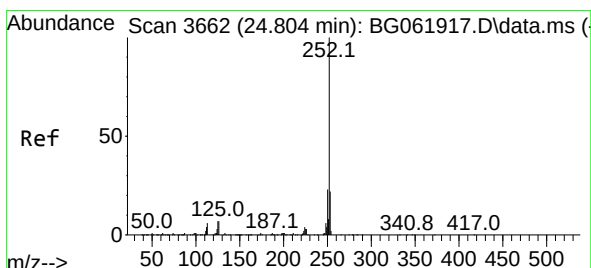
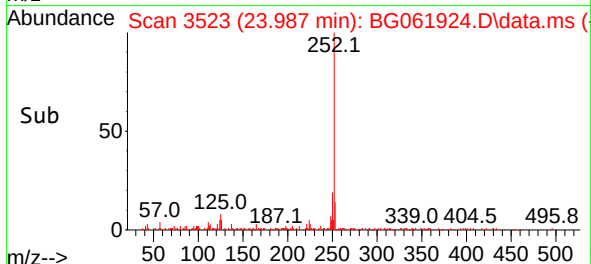
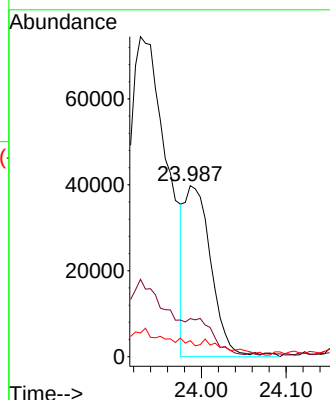
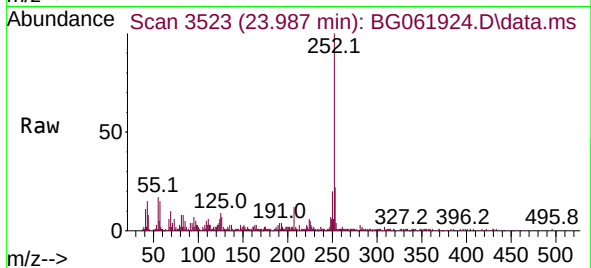
Tgt Ion:	252	Resp:	87209
Ion Ratio	Lower	Upper	
252	100		
253	22.2	19.3	28.9
125	9.3	6.3	9.5

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 3.626 ng/ul

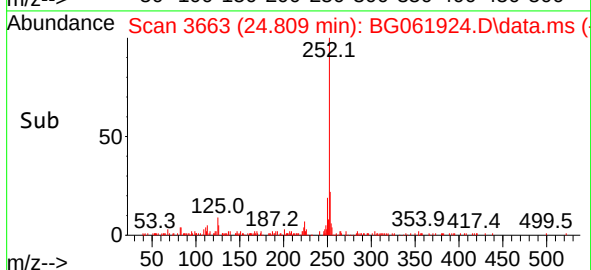
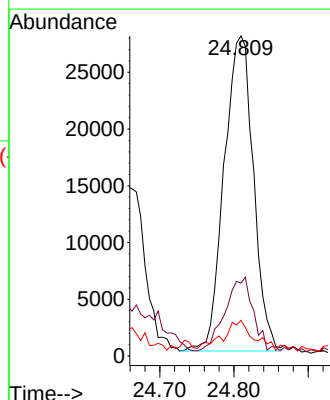
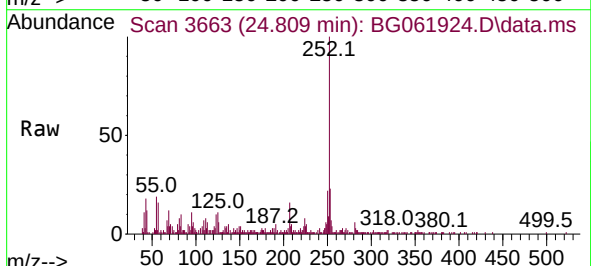
RT: 24.809 min Scan# 3663

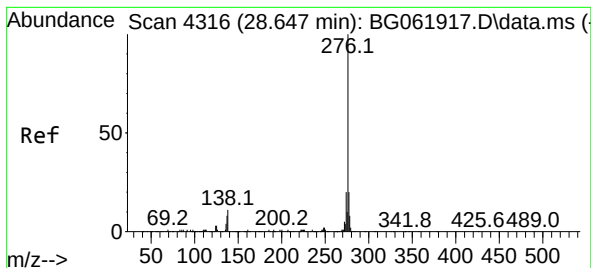
Delta R.T. -0.006 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

Tgt Ion:	252	Resp:	76080
Ion Ratio	Lower	Upper	
252	100		
253	22.8	16.5	24.7
125	11.2	7.4	11.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.240 ng/ul m

RT: 28.658 min Scan# 4318

Delta R.T. -0.006 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

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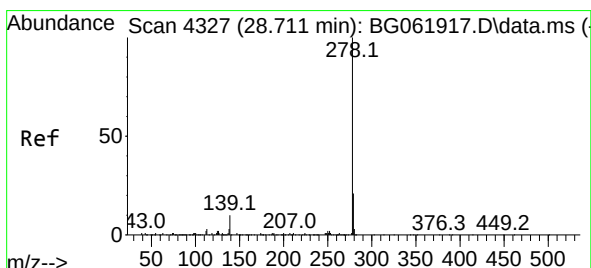
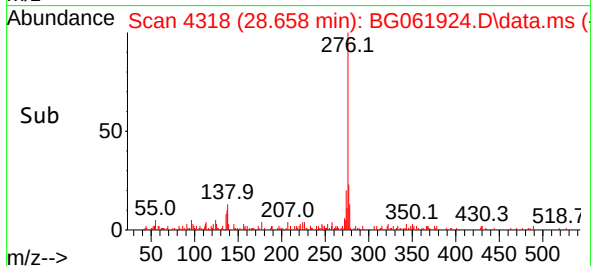
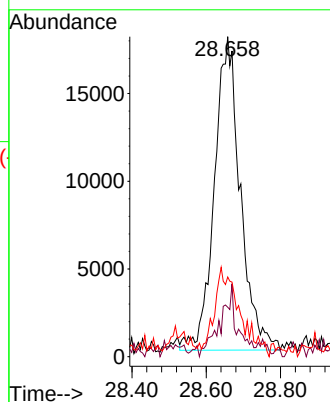
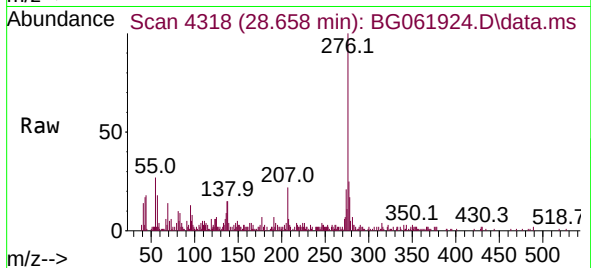
Tgt Ion:	276	Resp:	86884
Ion Ratio	Lower	Upper	
276	100		
138	15.4	11.9	17.9
277	24.9	19.3	28.9

Manual Integrations

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Supervised By :mohammad ahmed 07/09/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.481 ng/ul m

RT: 28.705 min Scan# 4326

Delta R.T. -0.030 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

Tgt Ion:	278	Resp:	32800
Ion Ratio	Lower	Upper	
278	100		
139	4.6	7.6	11.4#
279	21.0	18.8	28.2

