

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
 Data File : BG062001.D
 Acq On : 10 Jul 2024 16:37
 Operator : MA/JU
 Sample : P3035-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CX7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 11 01:06:01 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	8.096	152	49896	20.000	ng/u1	0.00
20) Naphthalene-d8	10.911	136	255302	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.718	164	176555	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.462	188	395614	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.721	240	352520	20.000	ng/u1	# 0.00
88) Perylene-d12	24.965	264	419122	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.484	96	3706m	2.791	ng/uL	0.00
4) Pyridine-d5	3.919	84	7149m	1.751	ng/u1	0.01
7) Phenol-d5	7.250	99	117326	21.487	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.421	67	69586	20.124	ng/u1	0.00
11) 2-Chlorophenol-d4	7.626	132	84100	22.453	ng/u1	0.00
15) 4-Methylphenol-d8	8.795	113	84017	19.542	ng/u1	0.00
21) Nitrobenzene-d5	9.265	128	44932	23.141	ng/u1	0.00
24) 2-Nitrophenol-d4	9.982	143	51805	23.364	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.523	165	100748	23.557	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	80603	12.981	ng/u1	0.00
46) Dimethylphthalate-d6	14.119	166	331816	22.860	ng/u1	0.00
49) Acenaphthylene-d8	14.412	160	370296	24.397	ng/u1	0.00
54) 4-Nitrophenol-d4	14.912	143	45500	19.629	ng/u1	0.00
60) Fluorene-d10	15.705	176	300110	24.560	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	44372	21.356	ng/u1	0.00
73) Anthracene-d10	17.556	188	448608	24.288	ng/u1	0.00
81) Pyrene-d10	19.835	212	463355	22.347	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.736	264	381634	18.360	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.503	178	60455	2.898	ng/u1	97
80) Fluoranthene	19.500	202	124680	5.081	ng/u1	99
82) Pyrene	19.865	202	98458	3.884	ng/u1	97
85) Benzo(a)anthracene	21.698	228	64074	2.510	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.598	149	36123	2.366	ng/u1#	98
87) Chrysene	21.763	228	64281m	2.690	ng/u1	
90) Benzo(b)fluoranthene	23.925	252	91532	3.466	ng/u1#	96
91) Benzo(k)fluoranthene	23.989	252	34142m	1.297	ng/u1	
93) Benzo(a)pyrene	24.812	252	39035	1.561	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.654	276	39289m	1.230	ng/u1	

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

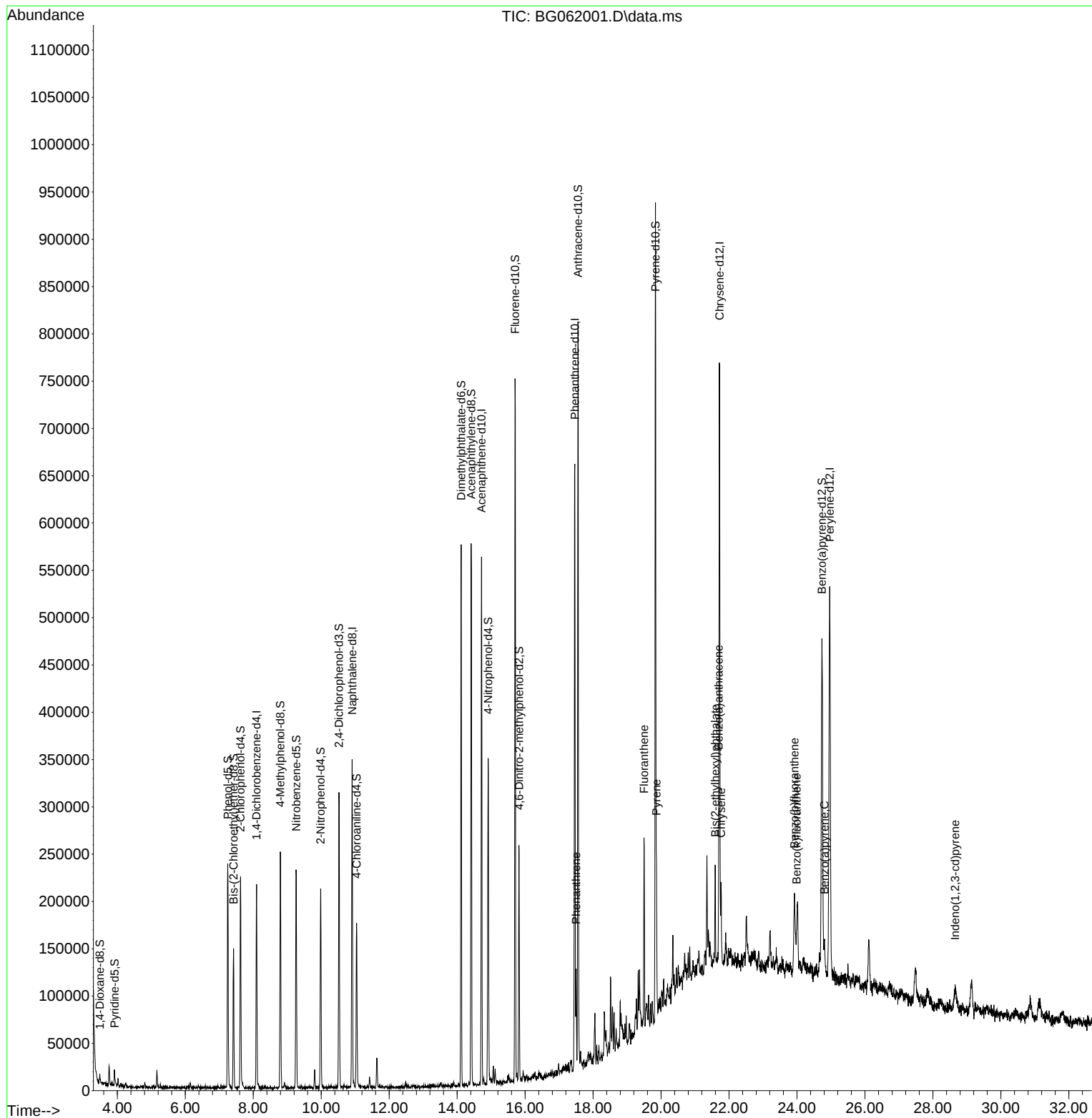
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062001.D
Acq On : 10 Jul 2024 16:37
Operator : MA/JU
Sample : P3035-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

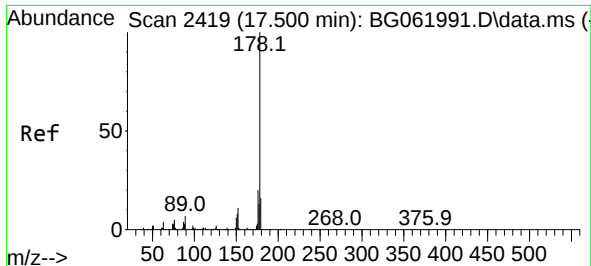
Instrument :
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Quant Time: Jul 11 01:06:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
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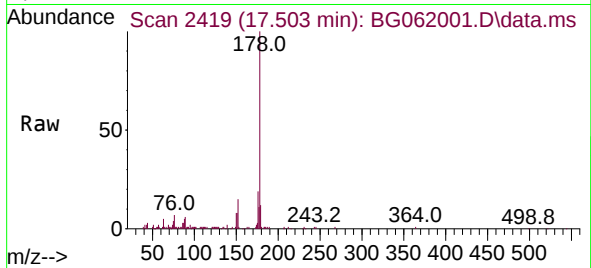
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024





#72
Phenanthrene
Concen: 2.898 ng/ul
RT: 17.503 min Scan# 2419
Delta R.T. -0.004 min
Lab File: BG062001.D
Acq: 10 Jul 2024 16:37

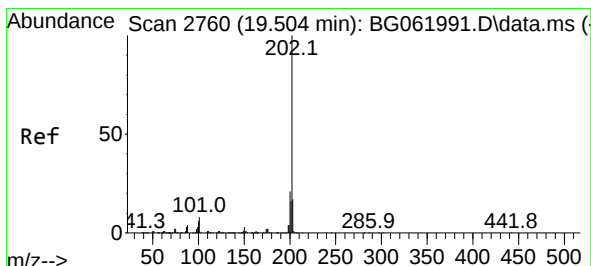
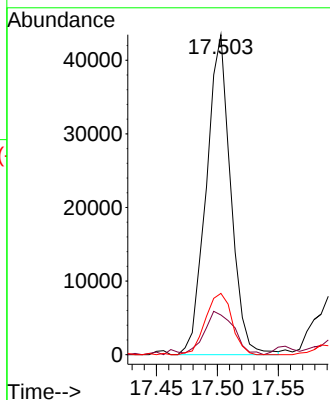
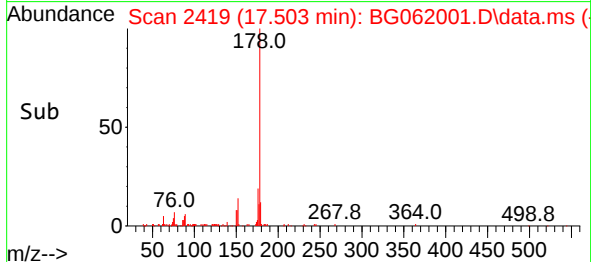
Instrument :
BNA_G
ClientSampleId :
A4CX7



Tgt Ion:178 Resp: 60458
Ion Ratio Lower Upper
178 100
179 12.4 11.9 17.9
176 19.2 15.5 23.3

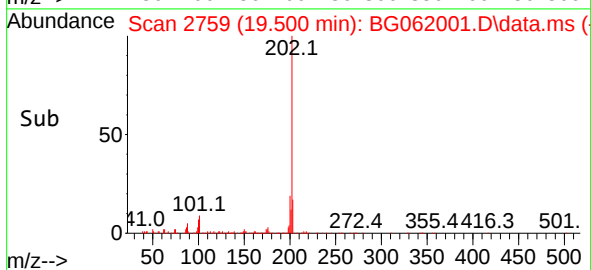
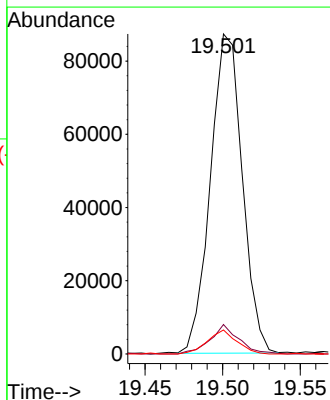
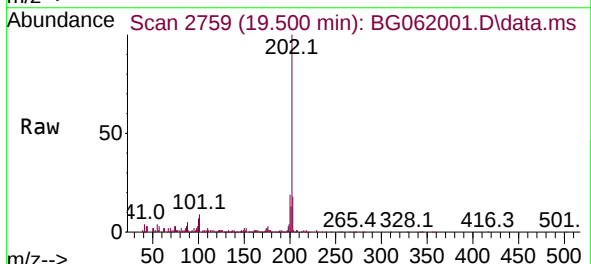
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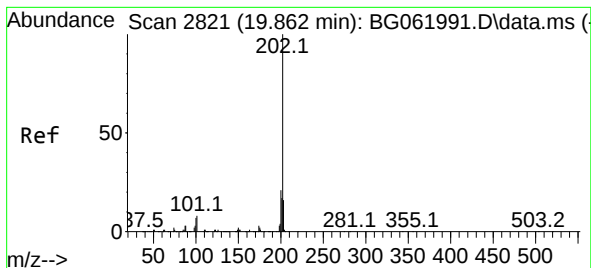
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#80
Fluoranthene
Concen: 5.081 ng/ul
RT: 19.500 min Scan# 2759
Delta R.T. -0.004 min
Lab File: BG062001.D
Acq: 10 Jul 2024 16:37

Tgt Ion:202 Resp: 124680
Ion Ratio Lower Upper
202 100
101 9.2 7.4 11.2
100 7.5 6.6 10.0





#82

Pyrene

Concen: 3.884 ng/ul

RT: 19.865 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG062001.D

Acq: 10 Jul 2024 16:37

Instrument :

BNA_G

ClientSampleId :

A4CX7

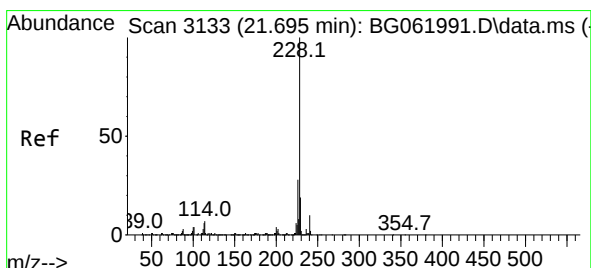
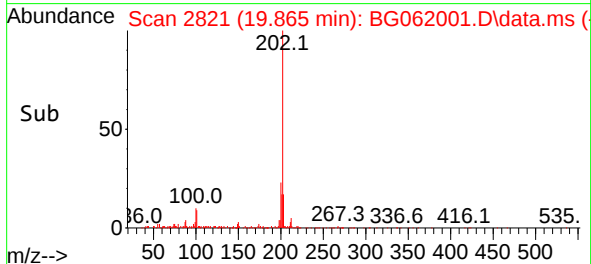
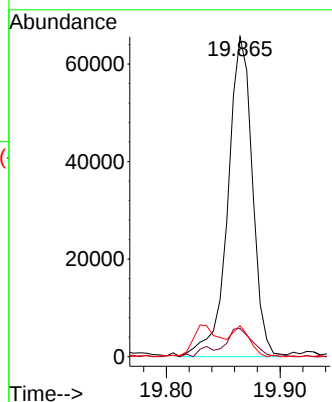
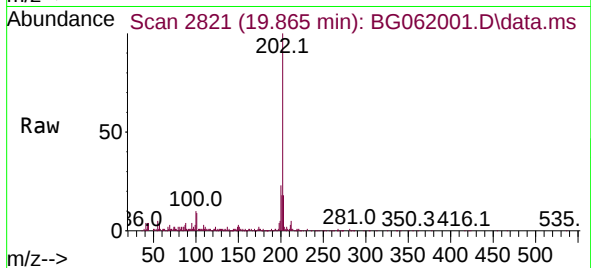
Tgt Ion:202	Resp:	98458
Ion Ratio	Lower	Upper
202	100	
101	8.8	8.8 13.2
100	9.7	7.6 11.4

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Supervised By :mohammad ahmed 07/11/2024



#85

Benzo(a)anthracene

Concen: 2.510 ng/ul

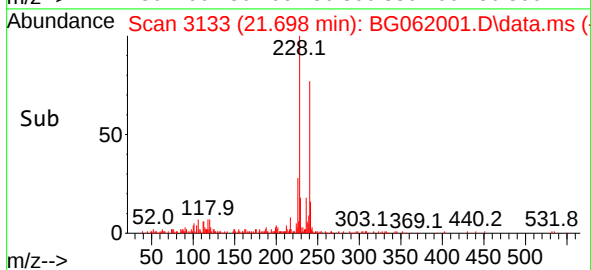
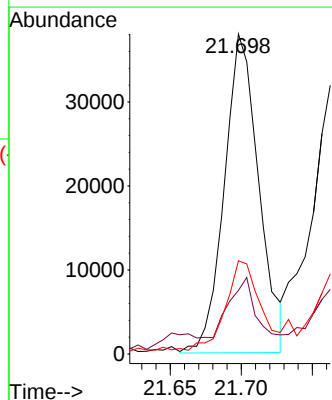
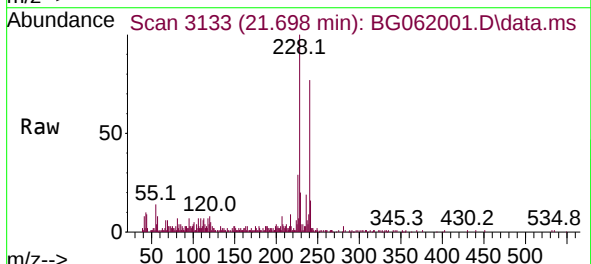
RT: 21.698 min Scan# 3133

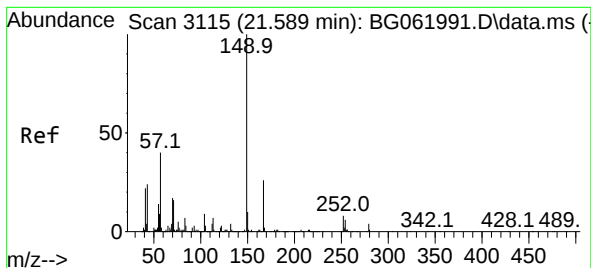
Delta R.T. -0.004 min

Lab File: BG062001.D

Acq: 10 Jul 2024 16:37

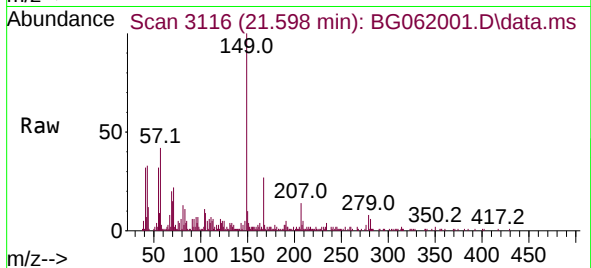
Tgt Ion:228	Resp:	64074
Ion Ratio	Lower	Upper
228	100	
229	19.9	15.7 23.5
226	29.1	21.7 32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.366 ng/ul
RT: 21.598 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BG062001.D
Acq: 10 Jul 2024 16:37

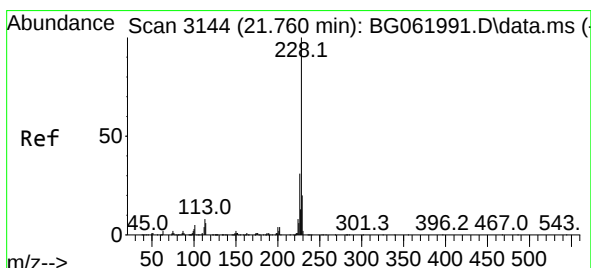
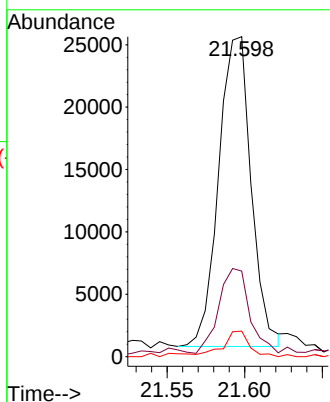
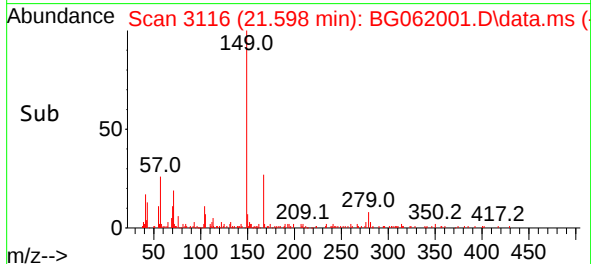
Instrument :
BNA_G
ClientSampleId :
A4CX7



Tgt Ion:149 Resp: 3612
Ion Ratio Lower Upper
149 100
167 26.7 21.7 32.5
279 8.0 2.8 4.2

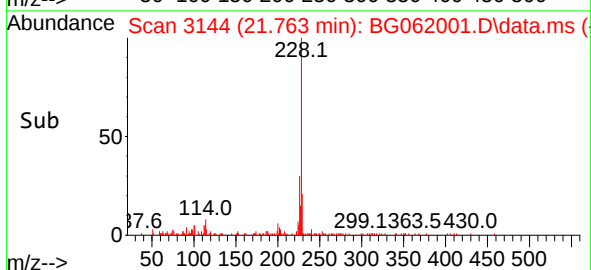
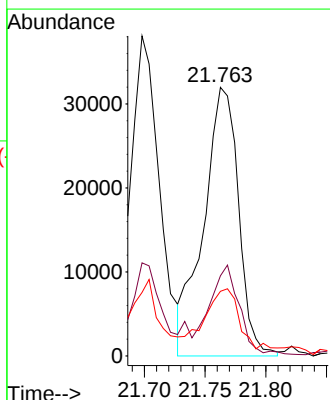
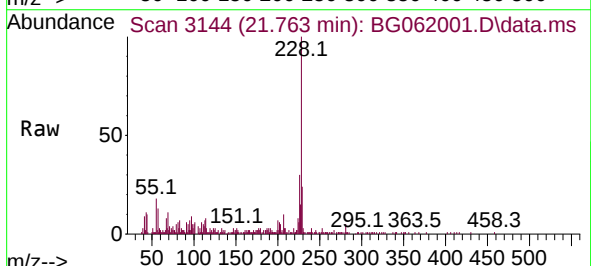
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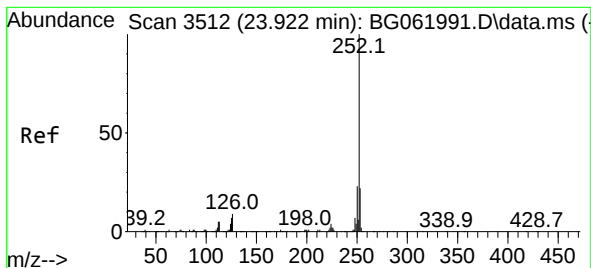
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#87
Chrysene
Concen: 2.690 ng/ul m
RT: 21.763 min Scan# 3144
Delta R.T. -0.010 min
Lab File: BG062001.D
Acq: 10 Jul 2024 16:37

Tgt Ion:228 Resp: 64281
Ion Ratio Lower Upper
228 100
226 29.8 23.3 34.9
229 24.1 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 3.466 ng/ul

RT: 23.925 min Scan# 3512

Delta R.T. -0.010 min

Lab File: BG062001.D

Acq: 10 Jul 2024 16:37

Instrument :

BNA_G

ClientSampleId :

A4CX7

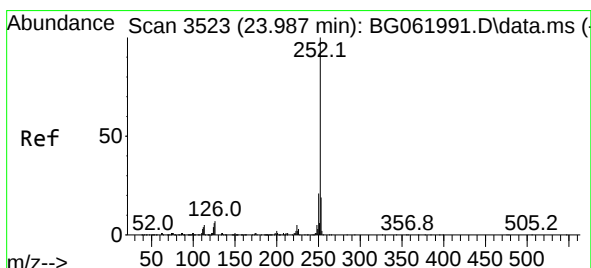
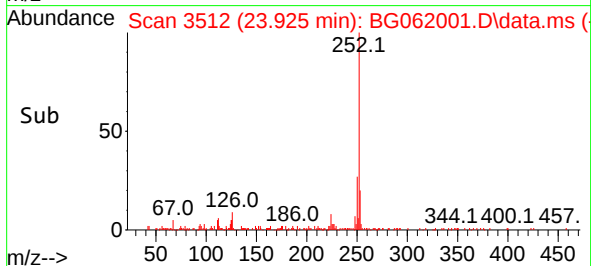
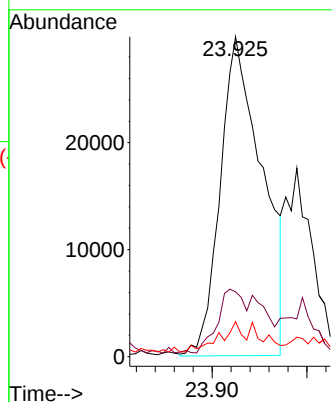
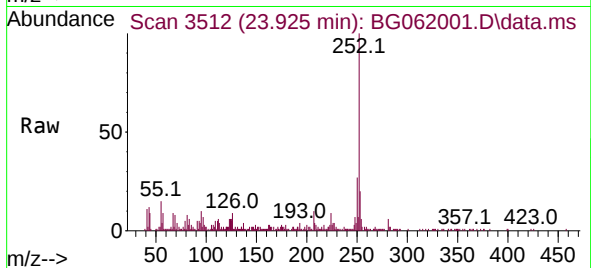
Tgt Ion:252	Resp:	9153
Ion Ratio	Lower	Upper
252	100	
253	20.2	17.2 25.8
125	11.0	6.1 9.1

Manual Integrations

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Supervised By :mohammad ahmed 07/11/2024



#91

Benzo(k)fluoranthene

Concen: 1.297 ng/ul m

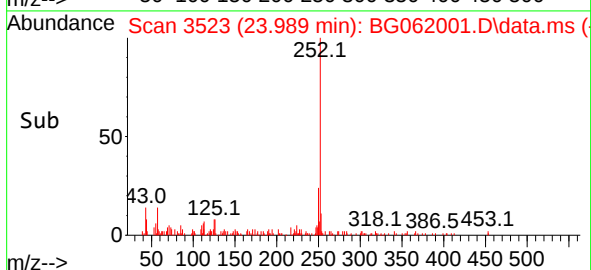
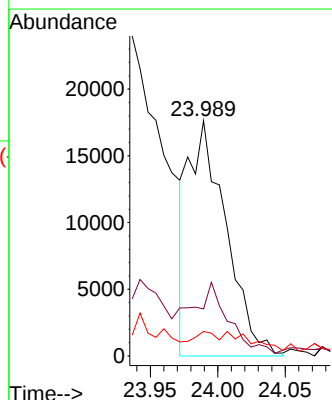
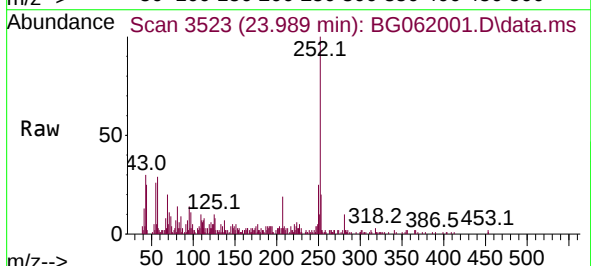
RT: 23.989 min Scan# 3523

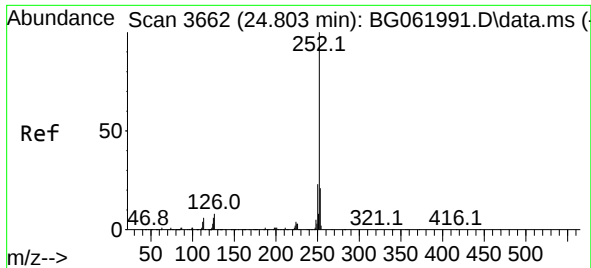
Delta R.T. -0.015 min

Lab File: BG062001.D

Acq: 10 Jul 2024 16:37

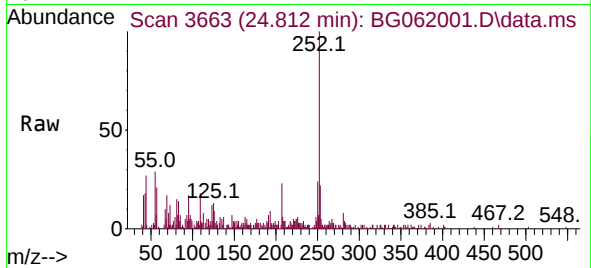
Tgt Ion:252	Resp:	34142
Ion Ratio	Lower	Upper
252	100	
253	20.0	19.3 28.9
125	10.4	6.3 9.5





#93
Benzo(a)pyrene
Concen: 1.561 ng/ul
RT: 24.812 min Scan# 30
Delta R.T. -0.004 min
Lab File: BG062001.D
Acq: 10 Jul 2024 16:37

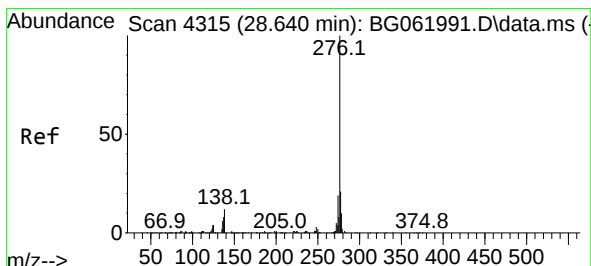
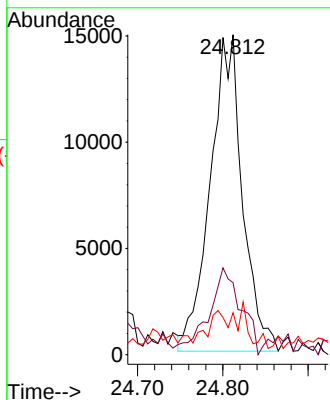
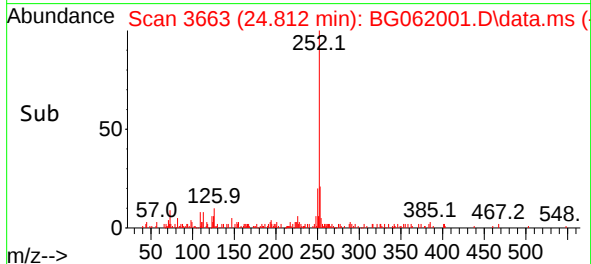
Instrument :
BNA_G
ClientSampleId :
A4CX7



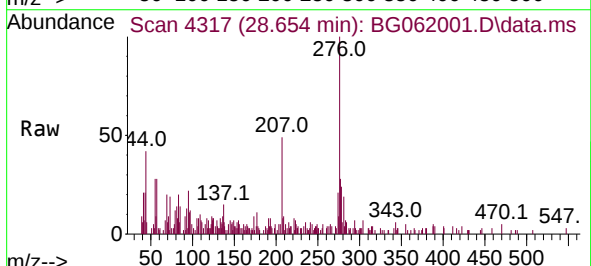
Tgt Ion:252 Resp: 3903
Ion Ratio Lower Upper
252 100
253 22.5 16.5 24.7
125 13.1 7.4 11.2

Manual Integrations
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Supervised By :mohammad ahmed 07/11/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.230 ng/ul m
RT: 28.654 min Scan# 4317
Delta R.T. -0.010 min
Lab File: BG062001.D
Acq: 10 Jul 2024 16:37



Tgt Ion:276 Resp: 39289
Ion Ratio Lower Upper
276 100
138 6.1 11.9 17.9#
277 28.0 19.3 28.9

