

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062096.D
 Acq On : 16 Jul 2024 16:15
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 16:59:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	46872	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	209280	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	170837	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.430	188	362896	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.696	240	288074	20.000	ng/u1	# 0.00
88) Perylene-d12	24.933	264	296978	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	2189	1.755	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.224	99	73628	14.354	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.371	67	42937	13.218	ng/u1	0.00
11) 2-Chlorophenol-d4	7.589	132	56768	16.134	ng/u1	0.00
15) 4-Methylphenol-d8	8.770	113	48620	12.038	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	30104	18.914	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	36713	20.198	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.491	165	59948	17.099	ng/u1	0.00
31) 4-Chloroaniline-d4	11.002	131	40251	7.908	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	236255	16.821	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	247101	16.825	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	27359	12.198	ng/u1	0.00
60) Fluorene-d10	15.679	176	163672	13.843	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	26034	13.660	ng/u1	0.00
73) Anthracene-d10	17.530	188	299809	17.695	ng/u1	0.00
81) Pyrene-d10	19.816	212	253149	14.940	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.704	264	134954	9.163	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.471	178	110428	5.771	ng/u1	97
74) Anthracene	17.571	178	19852m	1.004	ng/u1	
80) Fluoranthene	19.481	202	256948	12.814	ng/u1#	91
82) Pyrene	19.845	202	150612	7.271	ng/u1#	94
85) Benzo(a)anthracene	21.678	228	111569	5.349	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.561	149	52526	4.211	ng/u1#	98
87) Chrysene	21.743	228	126487	6.478	ng/u1	97
90) Benzo(b)fluoranthene	23.899	252	196244	10.488	ng/u1	98
91) Benzo(k)fluoranthene	23.964	252	76025m	4.075	ng/u1	
93) Benzo(a)pyrene	24.774	252	38558	2.176	ng/u1#	88
94) Indeno(1,2,3-cd)pyrene	28.605	276	60646m	2.678	ng/u1	
95) Dibenzo(a,h)anthracene	28.658	278	27361m	1.463	ng/u1	

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

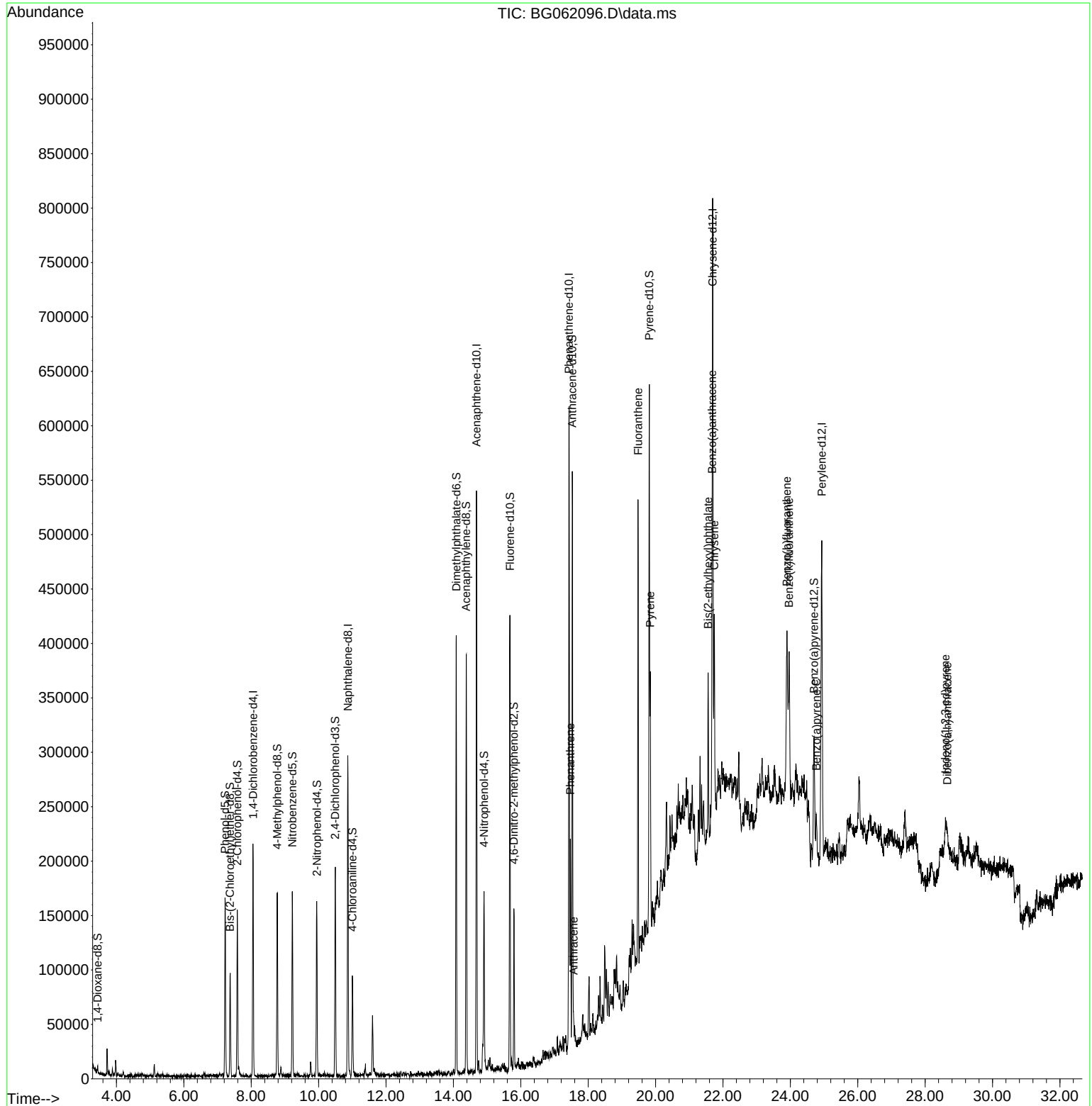
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062096.D
 Acq On : 16 Jul 2024 16:15
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

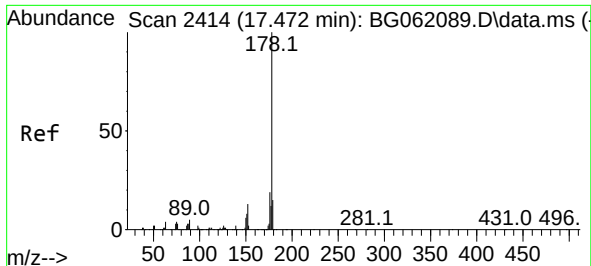
Instrument :
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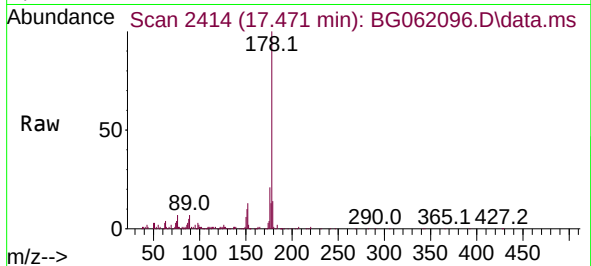
Quant Time: Jul 16 16:59:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.771 ng/ul
RT: 17.471 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BG062096.D
Acq: 16 Jul 2024 16:15

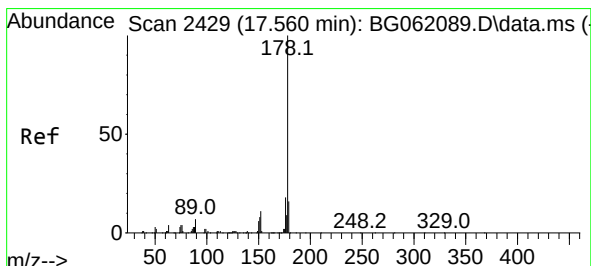
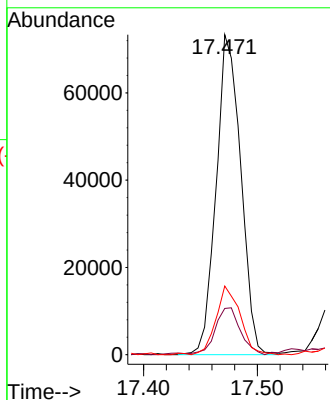
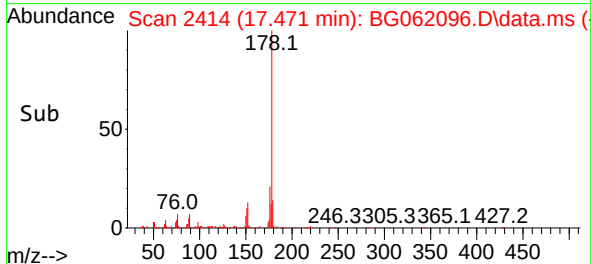
Instrument :
BNA_G
ClientSampleId :
A4BR9



Tgt Ion:178 Resp: 110428
Ion Ratio Lower Upper
178 100
179 14.5 11.9 17.9
176 21.5 15.5 23.3

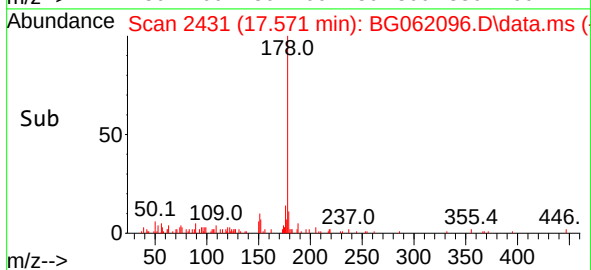
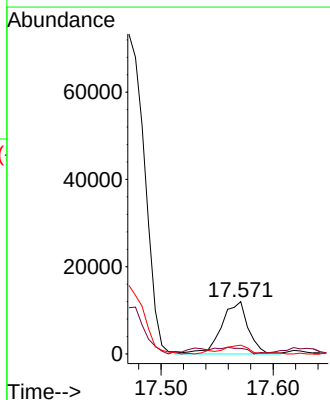
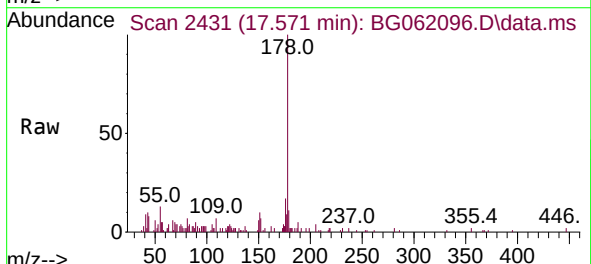
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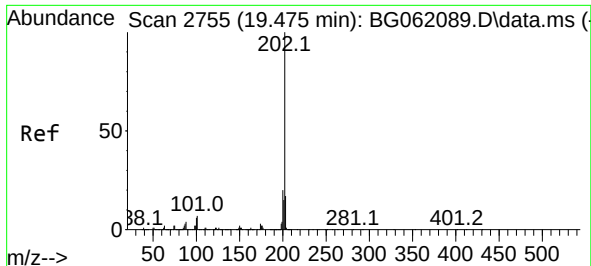
Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



#74
Anthracene
Concen: 1.004 ng/ul m
RT: 17.571 min Scan# 2431
Delta R.T. 0.011 min
Lab File: BG062096.D
Acq: 16 Jul 2024 16:15

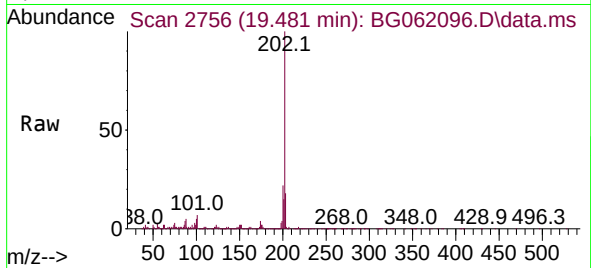
Tgt Ion:178 Resp: 19852
Ion Ratio Lower Upper
178 100
179 10.6 11.9 17.9#
176 16.9 14.7 22.1





#80
Fluoranthene
Concen: 12.814 ng/ul
RT: 19.481 min Scan# 2755
Delta R.T. 0.005 min
Lab File: BG062096.D
Acq: 16 Jul 2024 16:15

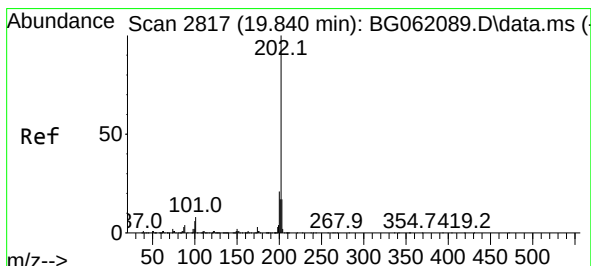
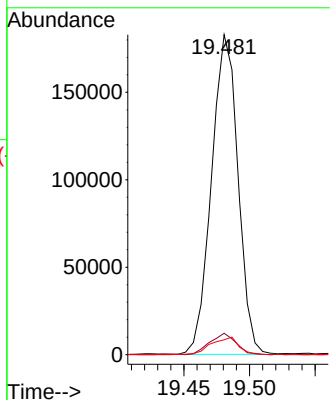
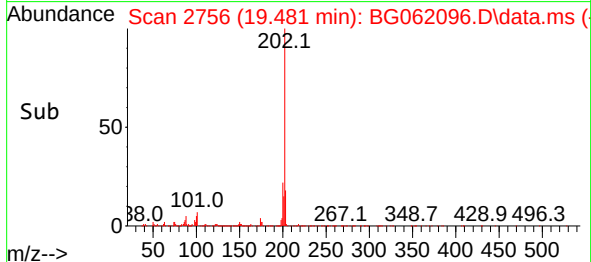
Instrument :
BNA_G
ClientSampleId :
A4BR9



Tgt Ion:202 Resp: 256948
Ion Ratio Lower Upper
202 100
101 6.7 7.4 11.2
100 4.6 6.6 10.0

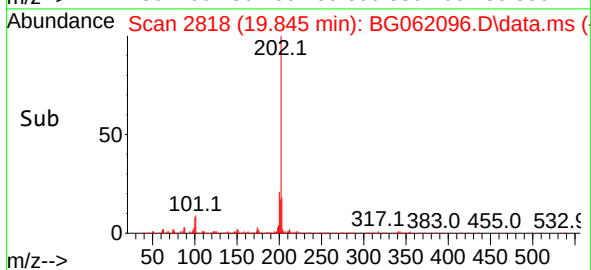
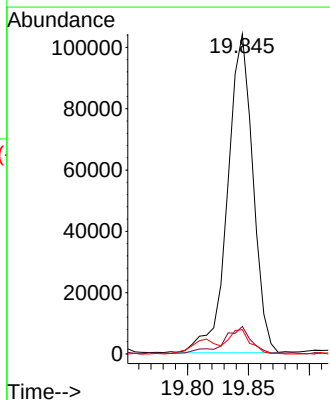
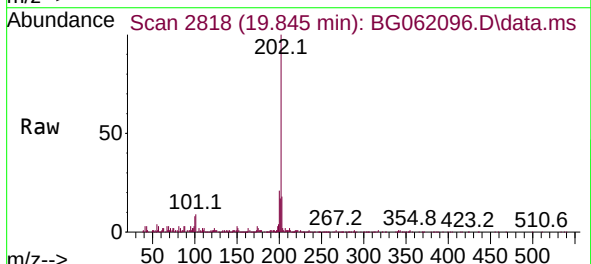
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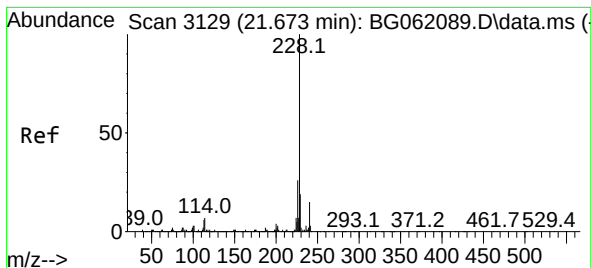
Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



#82
Pyrene
Concen: 7.271 ng/ul
RT: 19.845 min Scan# 2818
Delta R.T. 0.005 min
Lab File: BG062096.D
Acq: 16 Jul 2024 16:15

Tgt Ion:202 Resp: 150612
Ion Ratio Lower Upper
202 100
101 8.6 8.8 13.2
100 7.6 7.6 11.4





#85

Benzo(a)anthracene

Concen: 5.349 ng/ul

RT: 21.678 min Scan# 3110

Delta R.T. 0.005 min

Lab File: BG062096.D

Acq: 16 Jul 2024 16:15

Instrument :

BNA_G

ClientSampleId :

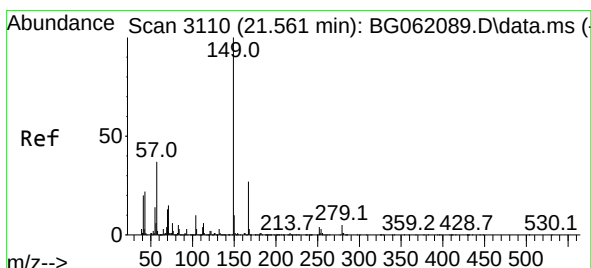
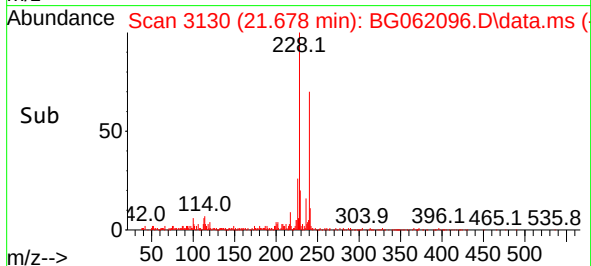
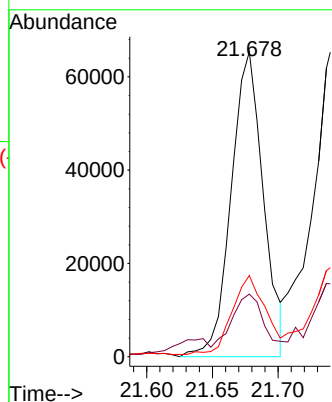
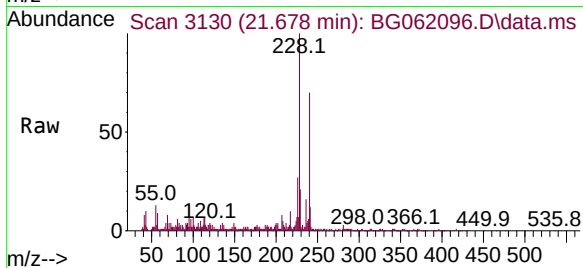
A4BR9

Tgt Ion:	228	Resp:	111569
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	26.6	21.7	32.5

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 4.211 ng/ul

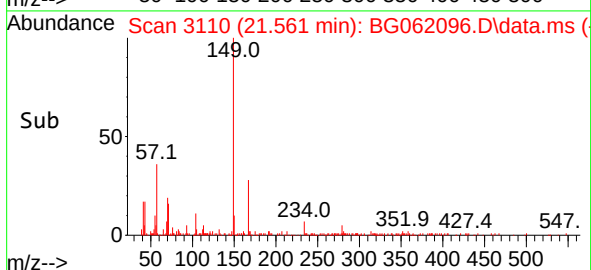
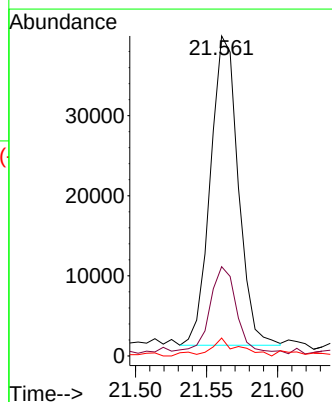
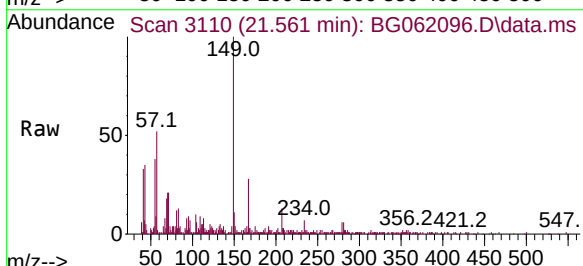
RT: 21.561 min Scan# 3110

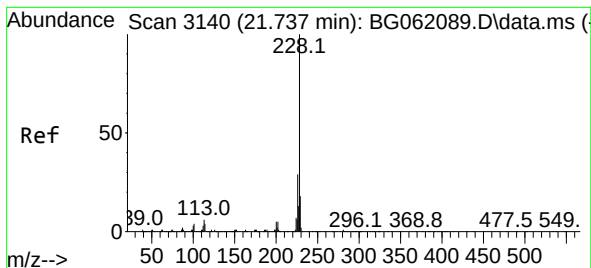
Delta R.T. -0.000 min

Lab File: BG062096.D

Acq: 16 Jul 2024 16:15

Tgt Ion:	149	Resp:	52526
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.7	32.5
279	5.6	2.8	4.2#





#87

Chrysene

Concen: 6.478 ng/ul

RT: 21.743 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG062096.D

Acq: 16 Jul 2024 16:15

Instrument :

BNA_G

ClientSampleId :

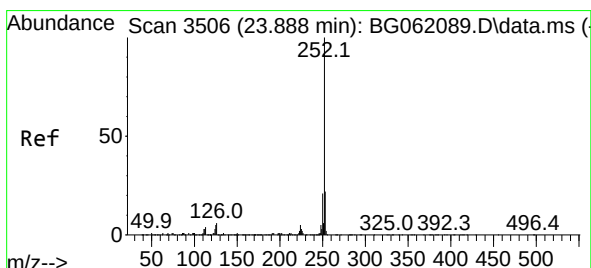
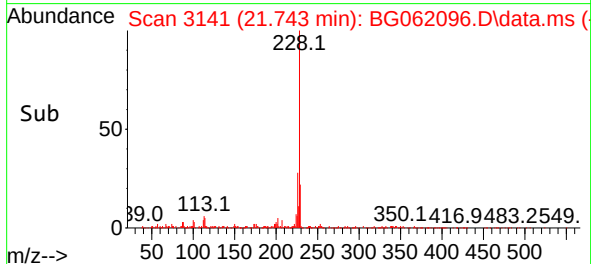
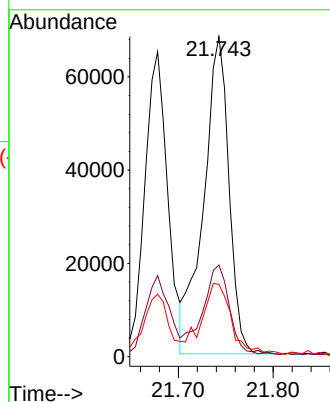
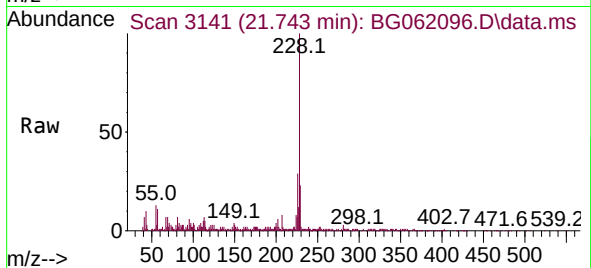
A4BR9

Tgt Ion:	228	Resp:	12648
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.3	34.9
229	22.6	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 10.488 ng/ul

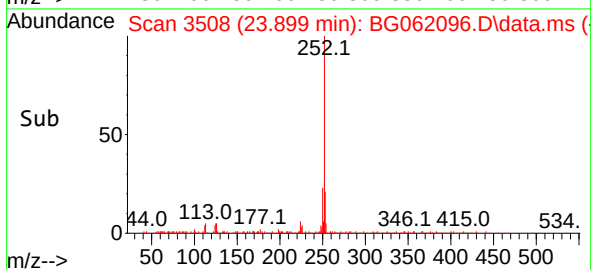
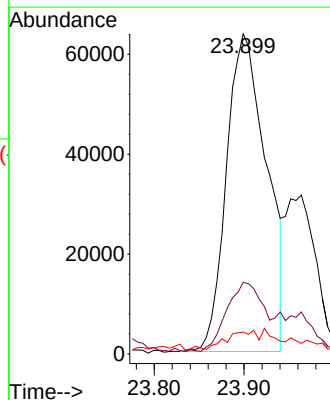
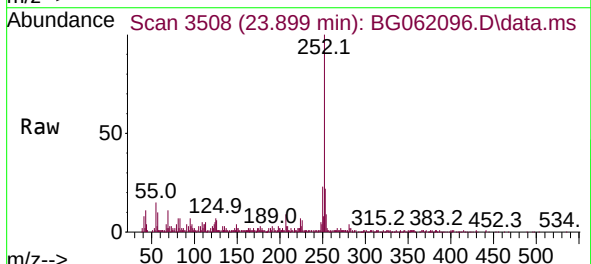
RT: 23.899 min Scan# 3508

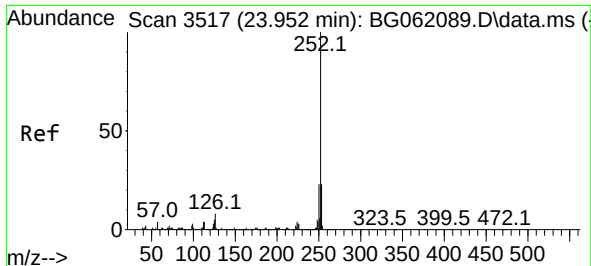
Delta R.T. 0.011 min

Lab File: BG062096.D

Acq: 16 Jul 2024 16:15

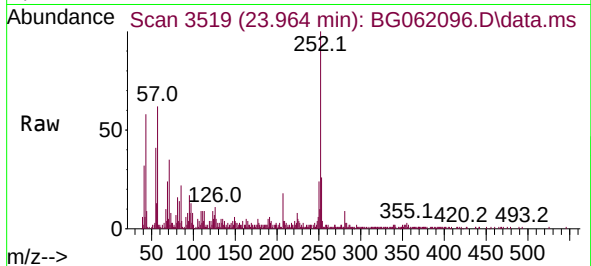
Tgt Ion:	252	Resp:	196244
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	6.9	6.1	9.1





#91
Benzo(k)fluoranthene
Concen: 4.075 ng/ul m
RT: 23.964 min Scan# 3517
Delta R.T. 0.011 min
Lab File: BG062096.D
Acq: 16 Jul 2024 16:15

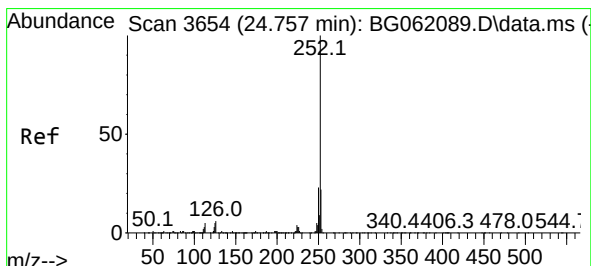
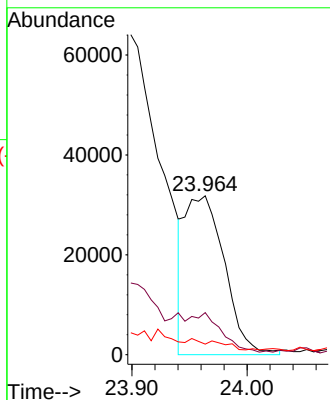
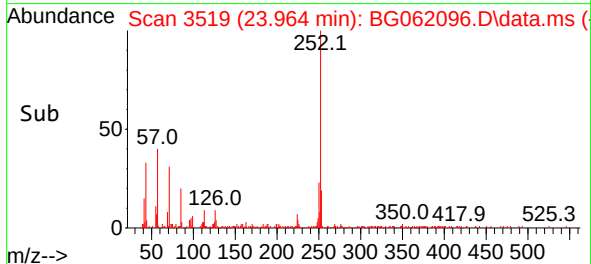
Instrument :
BNA_G
ClientSampleId :
A4BR9



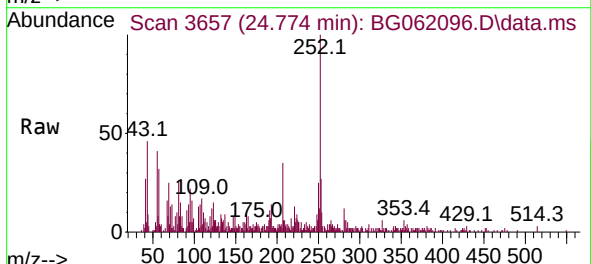
Tgt Ion:252 Resp: 7602
Ion Ratio Lower Upper
252 100
253 26.5 19.3 28.9
125 6.6 6.3 9.5

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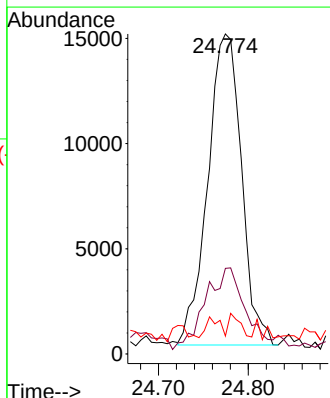
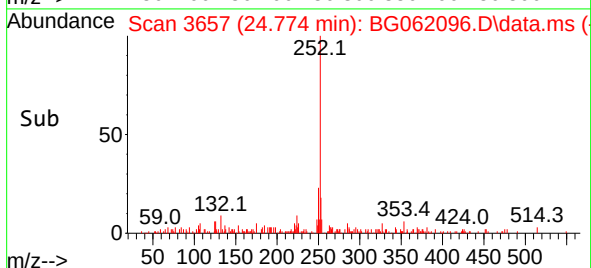
Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024

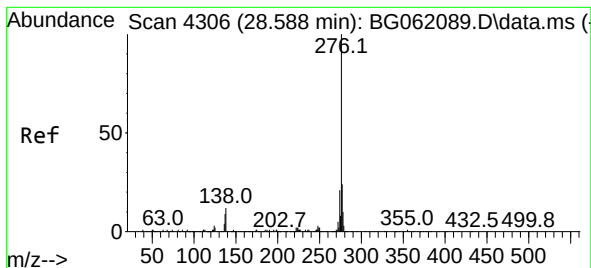


#93
Benzo(a)pyrene
Concen: 2.176 ng/ul
RT: 24.774 min Scan# 3657
Delta R.T. 0.017 min
Lab File: BG062096.D
Acq: 16 Jul 2024 16:15



Tgt Ion:252 Resp: 38558
Ion Ratio Lower Upper
252 100
253 26.8 16.5 24.7#
125 5.6 7.4 11.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.678 ng/ul m

RT: 28.605 min Scan# 4309

Delta R.T. 0.017 min

Lab File: BG062096.D

Acq: 16 Jul 2024 16:15

Instrument :

BNA_G

ClientSampleId :

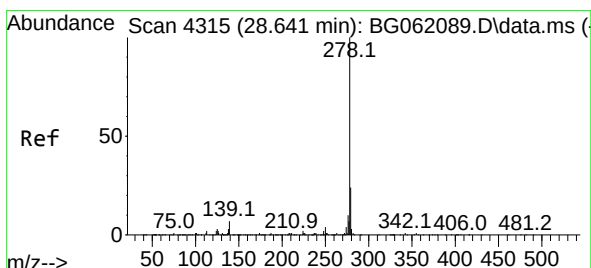
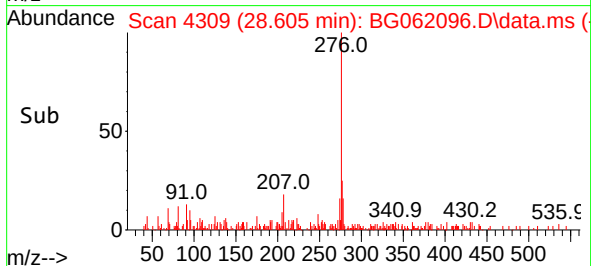
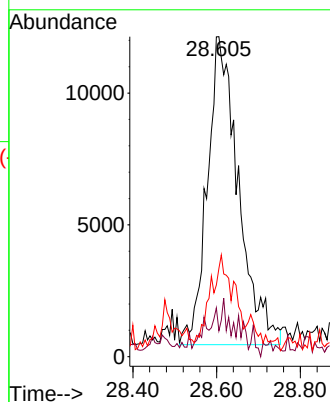
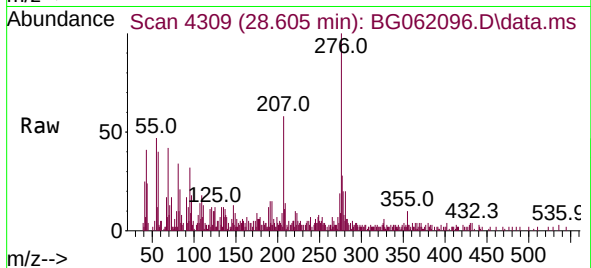
A4BR9

Tgt Ion:	276	Resp:	6064
Ion Ratio	Lower	Upper	
276	100		
138	8.1	11.9	17.9
277	27.6	19.3	28.9

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.463 ng/ul m

RT: 28.658 min Scan# 4318

Delta R.T. 0.017 min

Lab File: BG062096.D

Acq: 16 Jul 2024 16:15

Tgt Ion:	278	Resp:	27361
Ion Ratio	Lower	Upper	
278	100		
139	17.1	7.6	11.4
279	22.1	18.8	28.2

