

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061663.D
 Acq On : 23 Jun 2024 00:39
 Operator : MA/JU
 Sample : P2776-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4B94

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:51:01 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	8.078	152	79917	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	389525	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.700	164	268574	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	583633	20.000	ng/u1	0.00
79) Chrysene-d12	21.709	240	492472	20.000	ng/u1	0.00
88) Perylene-d12	24.941	264	602661	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	7441	3.363	ng/uL	0.00
4) Pyridine-d5	3.895	84	10885	1.627	ng/u1	0.00
7) Phenol-d5	7.220	99	162854	18.771	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.402	67	99437	18.386	ng/u1	0.00
11) 2-Chlorophenol-d4	7.602	132	117042	19.659	ng/u1	0.00
15) 4-Methylphenol-d8	8.771	113	129040	19.240	ng/u1	0.00
21) Nitrobenzene-d5	9.241	128	56616	21.406	ng/u1	0.00
24) 2-Nitrophenol-d4	9.964	143	65915	24.607	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	127797	20.148	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	136839	14.249	ng/u1	0.00
46) Dimethylphthalate-d6	14.106	166	406245	19.656	ng/u1	0.00
49) Acenaphthylene-d8	14.400	160	479576	21.173	ng/u1	0.00
54) 4-Nitrophenol-d4	14.870	143	61214	17.246	ng/u1	0.00
60) Fluorene-d10	15.693	176	372072	20.564	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	38756	15.529	ng/u1	0.00
73) Anthracene-d10	17.544	188	568044	21.322	ng/u1	0.00
81) Pyrene-d10	19.823	212	512688	18.637	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.712	264	335318	11.650	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.485	178	275604	8.976	ng/u1	96
74) Anthracene	17.573	178	56690	1.805	ng/u1	98
80) Fluoranthene	19.494	202	443312m	13.889	ng/u1	
82) Pyrene	19.853	202	296541	8.738	ng/u1	97
85) Benzo(a)anthracene	21.686	228	205146	5.934	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.609	149	56433	3.107	ng/u1#	86
87) Chrysene	21.756	228	188272	5.756	ng/u1	98
90) Benzo(b)fluoranthene	23.913	252	242153	6.684	ng/u1	99
91) Benzo(k)fluoranthene	23.971	252	93693	2.515	ng/u1#	97
93) Benzo(a)pyrene	24.788	252	75291	2.159	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	28.613	276	70081m	1.612	ng/u1	

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

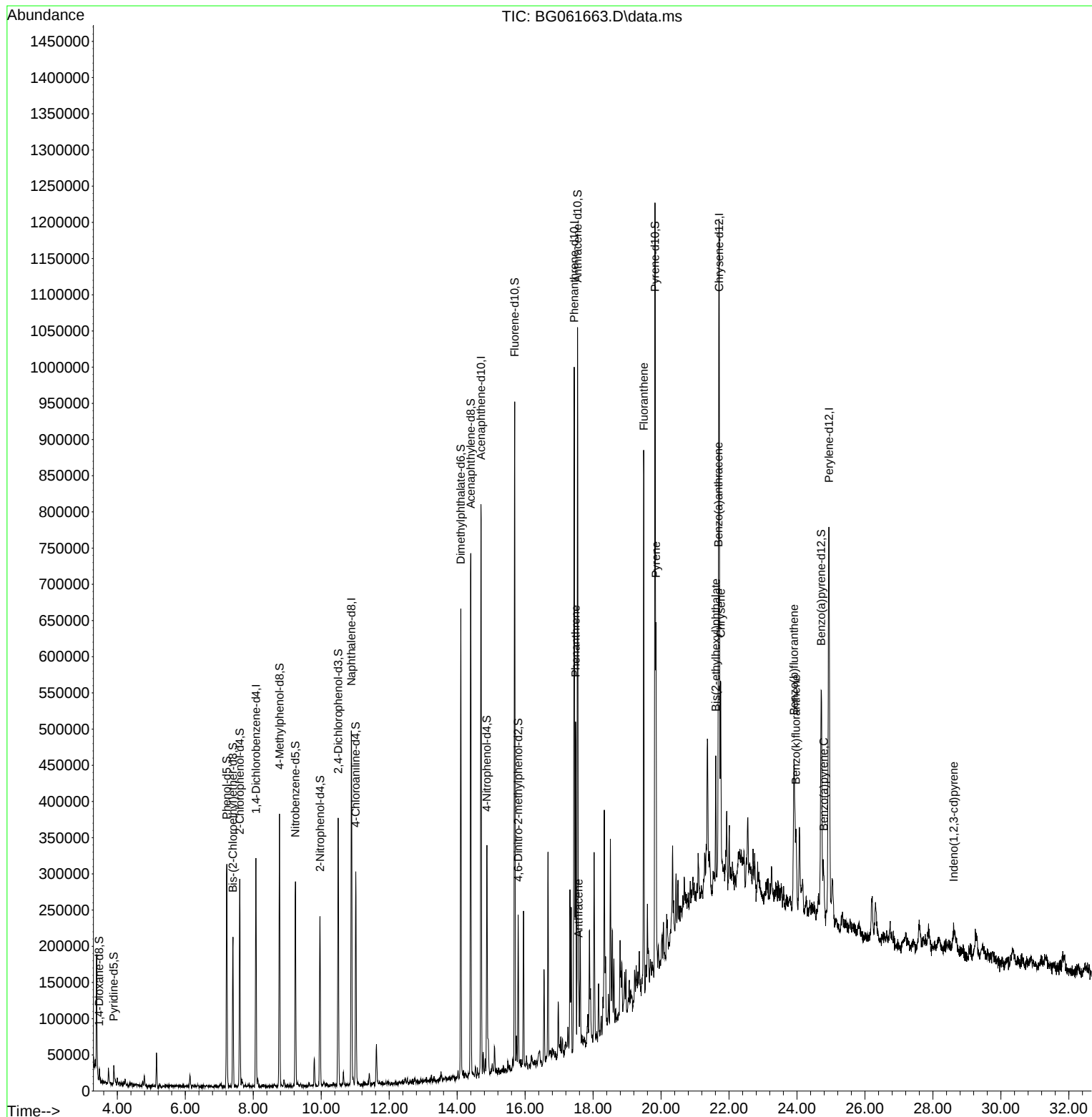
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
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 Operator : MA/JU
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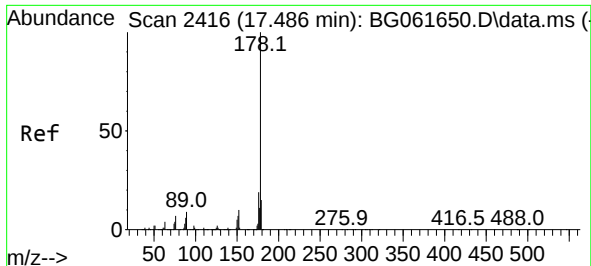
Instrument :
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 Supervised By :mohammad ahmed 06/24/2024

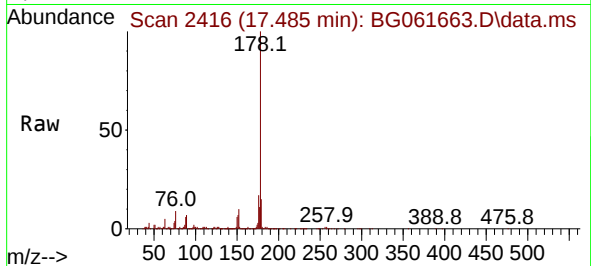
Quant Time: Jun 23 01:51:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 8.976 ng/ul
RT: 17.485 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG061663.D
Acq: 23 Jun 2024 00:39

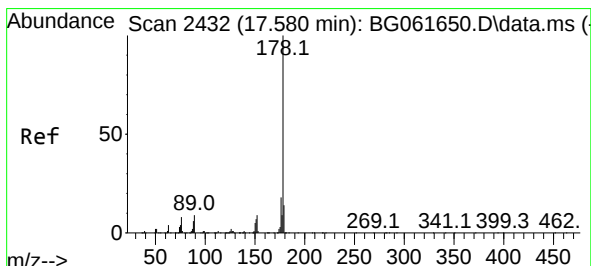
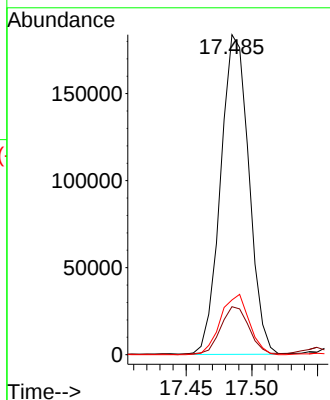
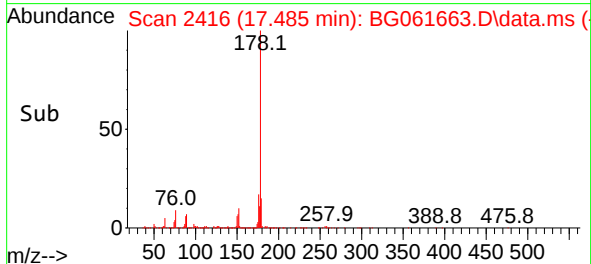
Instrument :
BNA_G
ClientSampleId :
A4B94



Tgt Ion:178 Resp: 275604
Ion Ratio Lower Upper
178 100
179 15.0 12.0 18.0
176 17.1 16.2 24.2

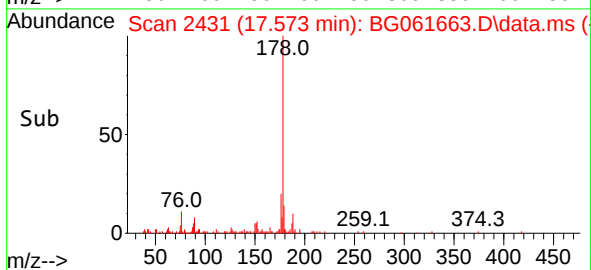
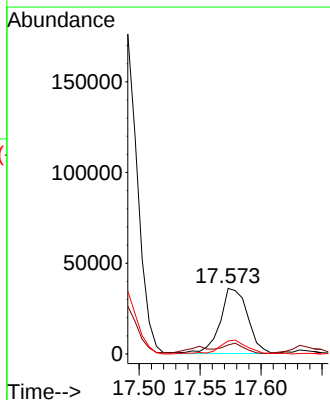
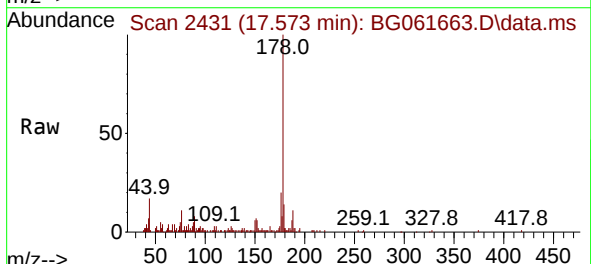
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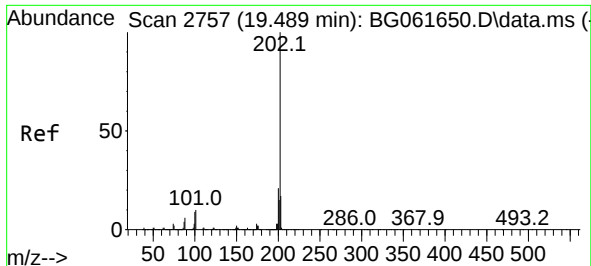
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#74
Anthracene
Concen: 1.805 ng/ul
RT: 17.573 min Scan# 2431
Delta R.T. -0.004 min
Lab File: BG061663.D
Acq: 23 Jun 2024 00:39

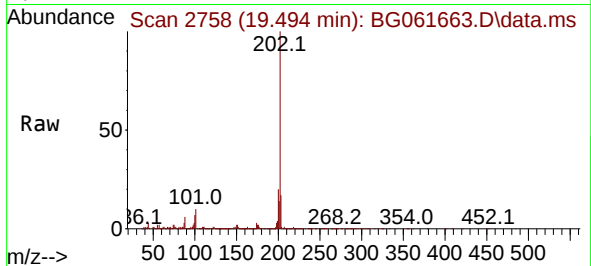
Tgt Ion:178 Resp: 56690
Ion Ratio Lower Upper
178 100
179 13.7 11.4 17.2
176 19.8 14.7 22.1





#80
Fluoranthene
Concen: 13.889 ng/ul m
RT: 19.494 min Scan# 2758
Delta R.T. 0.002 min
Lab File: BG061663.D
Acq: 23 Jun 2024 00:39

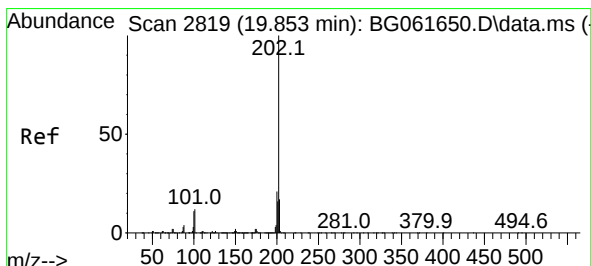
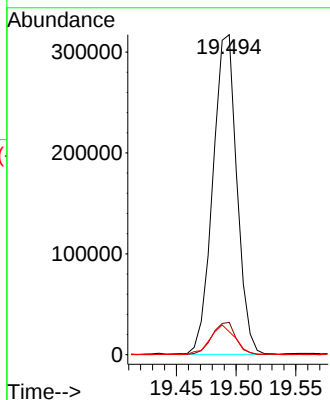
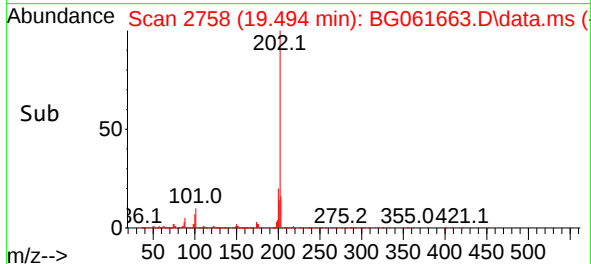
Instrument :
BNA_G
ClientSampleId :
A4B94



Tgt Ion:202 Resp: 443312
Ion Ratio Lower Upper
202 100
101 10.1 7.8 11.6
100 7.2 7.7 11.5

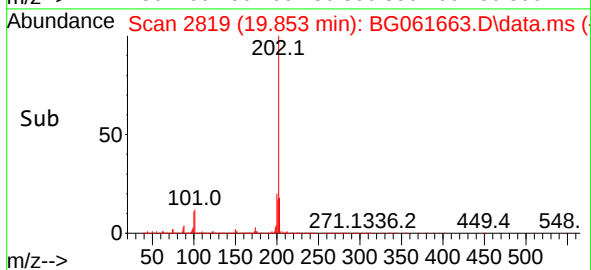
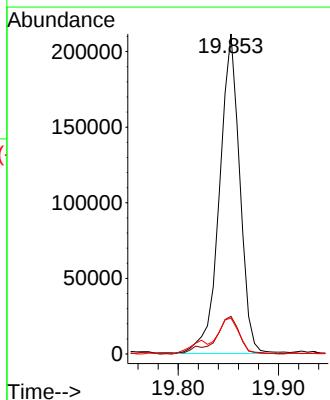
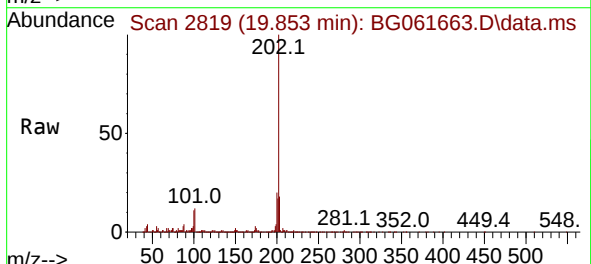
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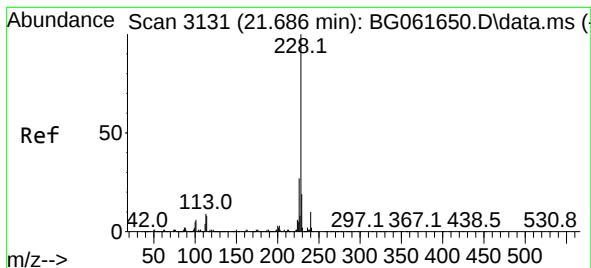
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#82
Pyrene
Concen: 8.738 ng/ul
RT: 19.853 min Scan# 2819
Delta R.T. 0.002 min
Lab File: BG061663.D
Acq: 23 Jun 2024 00:39

Tgt Ion:202 Resp: 296541
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 11.2 9.9 14.9





#85

Benzo(a)anthracene

Concen: 5.934 ng/ul

RT: 21.686 min Scan# 3131

Delta R.T. -0.004 min

Lab File: BG061663.D

Acq: 23 Jun 2024 00:39

Instrument :

BNA_G

ClientSampleId :

A4B94

Tgt Ion:228 Resp: 205140

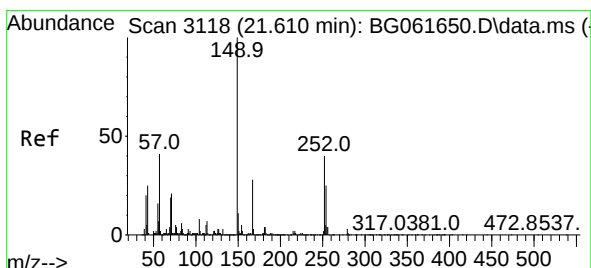
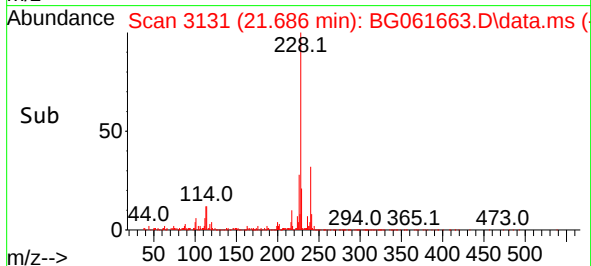
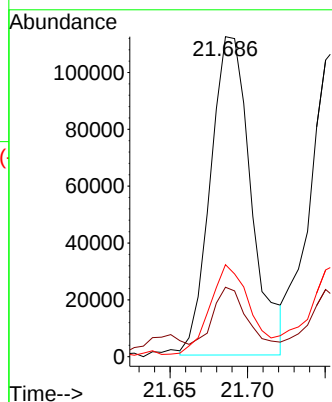
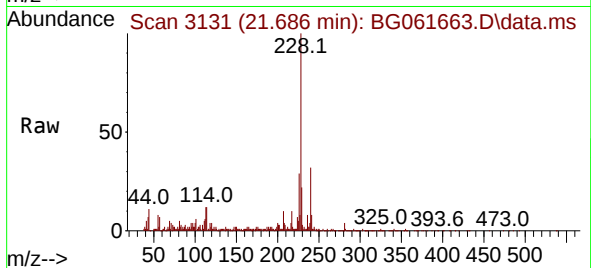
Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.8
226	28.7	21.4	32.2

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 3.107 ng/ul

RT: 21.609 min Scan# 3118

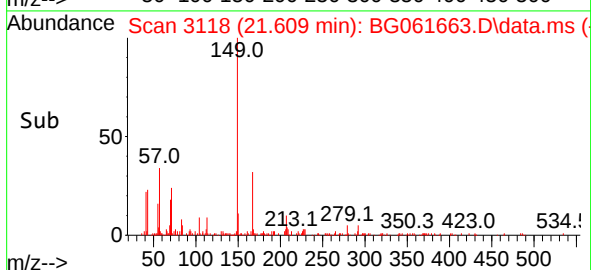
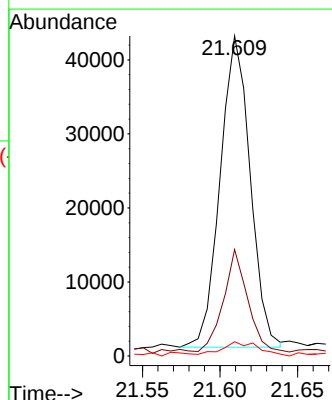
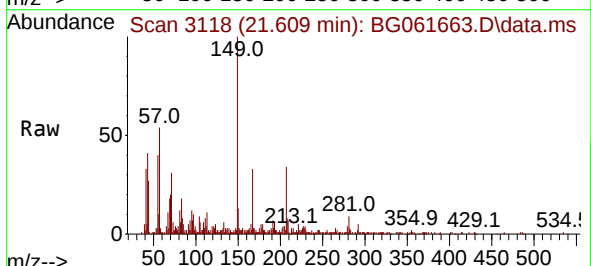
Delta R.T. -0.016 min

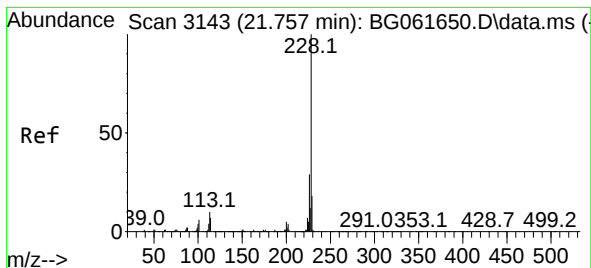
Lab File: BG061663.D

Acq: 23 Jun 2024 00:39

Tgt Ion:149 Resp: 56433

Ion	Ratio	Lower	Upper
149	100		
167	33.3	20.5	30.7#
279	4.5	2.9	4.3#





#87

Chrysene

Concen: 5.756 ng/ul

RT: 21.756 min Scan# 3143

Delta R.T. -0.004 min

Lab File: BG061663.D

Acq: 23 Jun 2024 00:39

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BNA_G

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A4B94

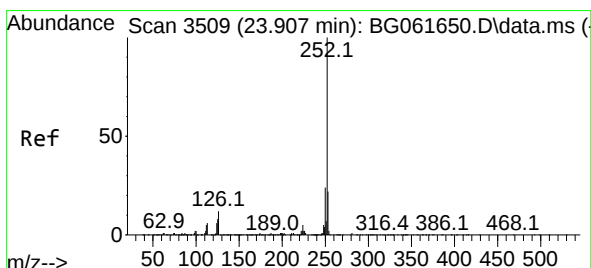
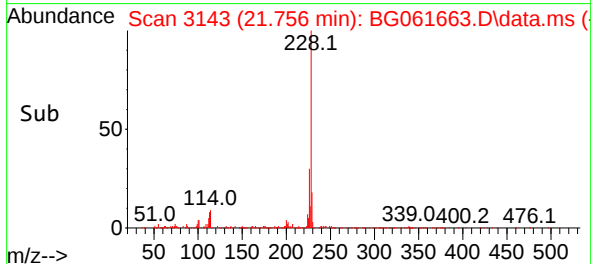
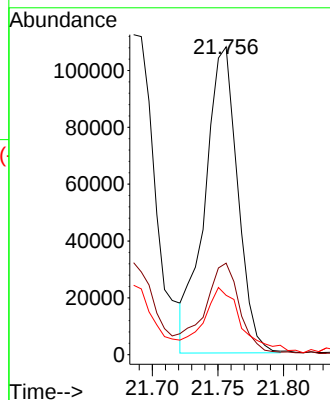
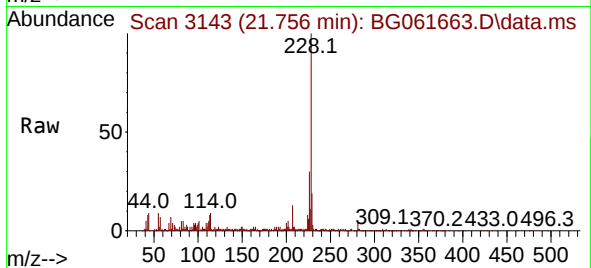
Tgt Ion:	228	Resp:	18827
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.2
229	19.3	16.5	24.7

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#90

Benzo(b)fluoranthene

Concen: 6.684 ng/ul

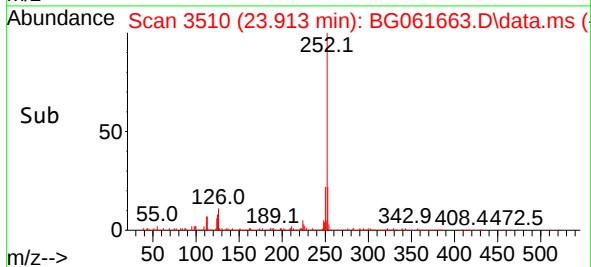
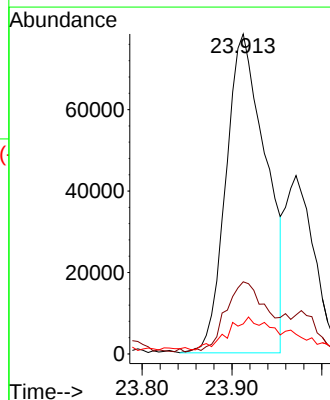
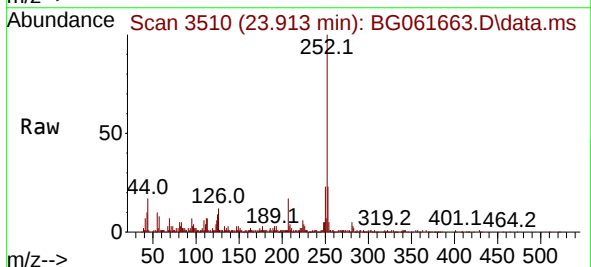
RT: 23.913 min Scan# 3510

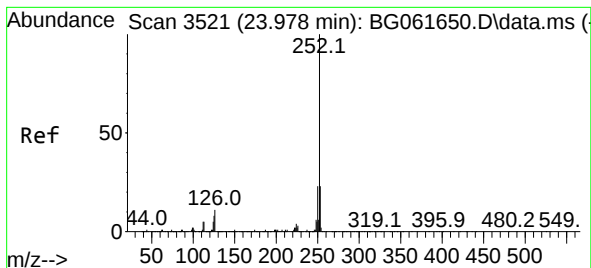
Delta R.T. -0.004 min

Lab File: BG061663.D

Acq: 23 Jun 2024 00:39

Tgt Ion:	252	Resp:	242153
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.6	27.8
125	9.4	7.0	10.6





#91

Benzo(k)fluoranthene

Concen: 2.515 ng/ul

RT: 23.971 min Scan# 3

Delta R.T. -0.010 min

Lab File: BG061663.D

Acq: 23 Jun 2024 00:39

Instrument :

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ClientSampleId :

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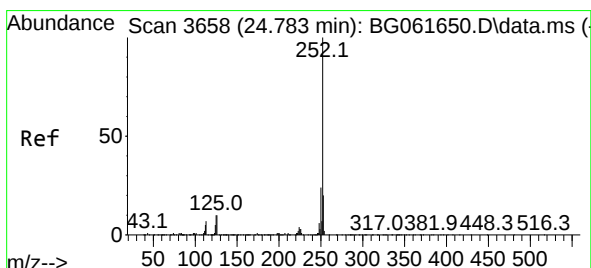
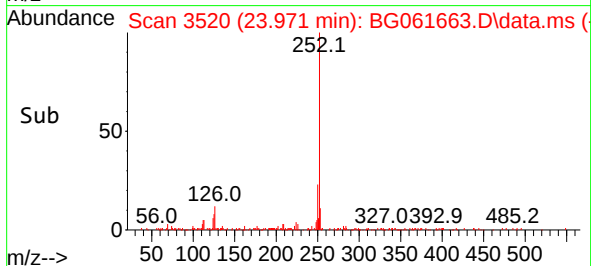
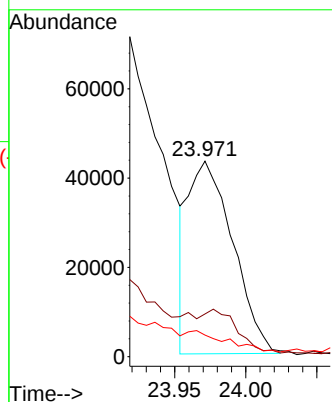
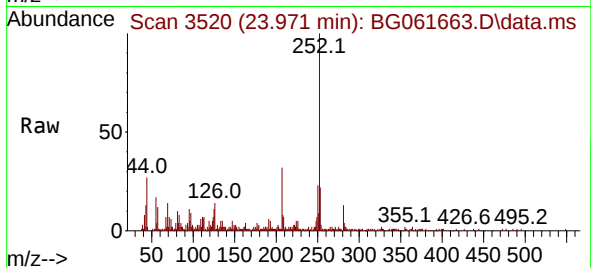
Tgt Ion:	252	Resp:	9369
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	11.0	6.2	9.2

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#93

Benzo(a)pyrene

Concen: 2.159 ng/ul

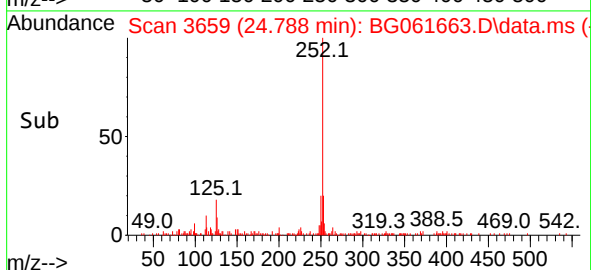
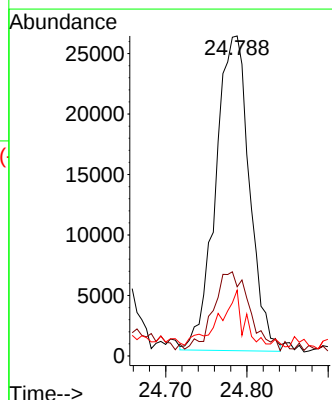
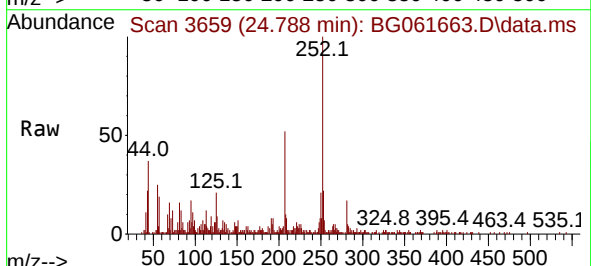
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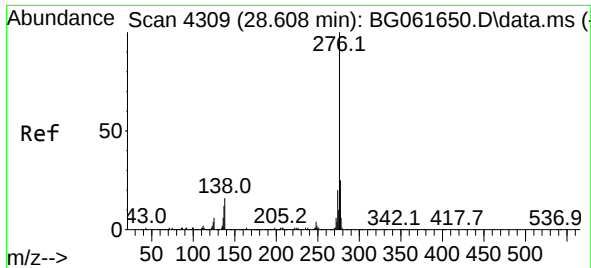
Delta R.T. -0.004 min

Lab File: BG061663.D

Acq: 23 Jun 2024 00:39

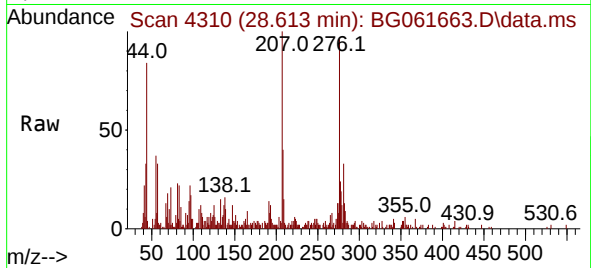
Tgt Ion:	252	Resp:	75291
Ion Ratio	Lower	Upper	
252	100		
253	21.6	16.8	25.2
125	20.6	6.5	9.7





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.612 ng/ul m
RT: 28.613 min Scan# 4310
Delta R.T. -0.004 min
Lab File: BG061663.D
Acq: 23 Jun 2024 00:39

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	12.2	18.4
277	25.2	19.7	29.5

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