

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061628.D
 Acq On : 21 Jun 2024 20:17
 Operator : MA/JU
 Sample : P2754-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BP9

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 22:17:00 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	8.070	152	49476	20.000	ng/u1	0.00
20) Naphthalene-d8	10.884	136	238590	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.703	164	175981	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.441	188	423944	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	358679	20.000	ng/u1	0.00
88) Perylene-d12	24.932	264	436600	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	7794m	5.691	ng/uL	0.00
4) Pyridine-d5	3.892	84	8008	1.934	ng/u1	0.00
7) Phenol-d5	7.212	99	157955	29.408	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	93749	28.000	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	109115	29.604	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	116780	28.125	ng/u1	0.00
21) Nitrobenzene-d5	9.239	128	55371	34.179	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	60988	37.170	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.496	165	122877	31.628	ng/u1	0.00
31) 4-Chloroaniline-d4	11.013	131	126543	21.513	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	425612	31.428	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	481690	32.456	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	67421	28.988	ng/u1	0.00
60) Fluorene-d10	15.690	176	392859	33.137	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.790	200	38092	21.013	ng/u1	0.00
73) Anthracene-d10	17.541	188	600481	31.030	ng/u1	0.00
81) Pyrene-d10	19.821	212	596173	29.756	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.709	264	442093	21.201	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.904	105	10472	1.532	ng/u1#	93
72) Phenanthrene	17.488	178	70619	3.166	ng/u1	97
80) Fluoranthene	19.486	202	144013	6.195	ng/u1	99
82) Pyrene	19.850	202	104936	4.245	ng/u1	97
85) Benzo(a)anthracene	21.683	228	70631	2.805	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.613	149	46905	3.546	ng/u1#	97
87) Chrysene	21.754	228	69170	2.903	ng/u1	94
90) Benzo(b)fluoranthene	23.910	252	104939	3.998	ng/u1	99
91) Benzo(k)fluoranthene	23.975	252	30996	1.148	ng/u1#	95
93) Benzo(a)pyrene	24.780	252	36926	1.461	ng/u1#	83
94) Indeno(1,2,3-cd)pyrene	28.599	276	37784m	1.200	ng/u1	

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

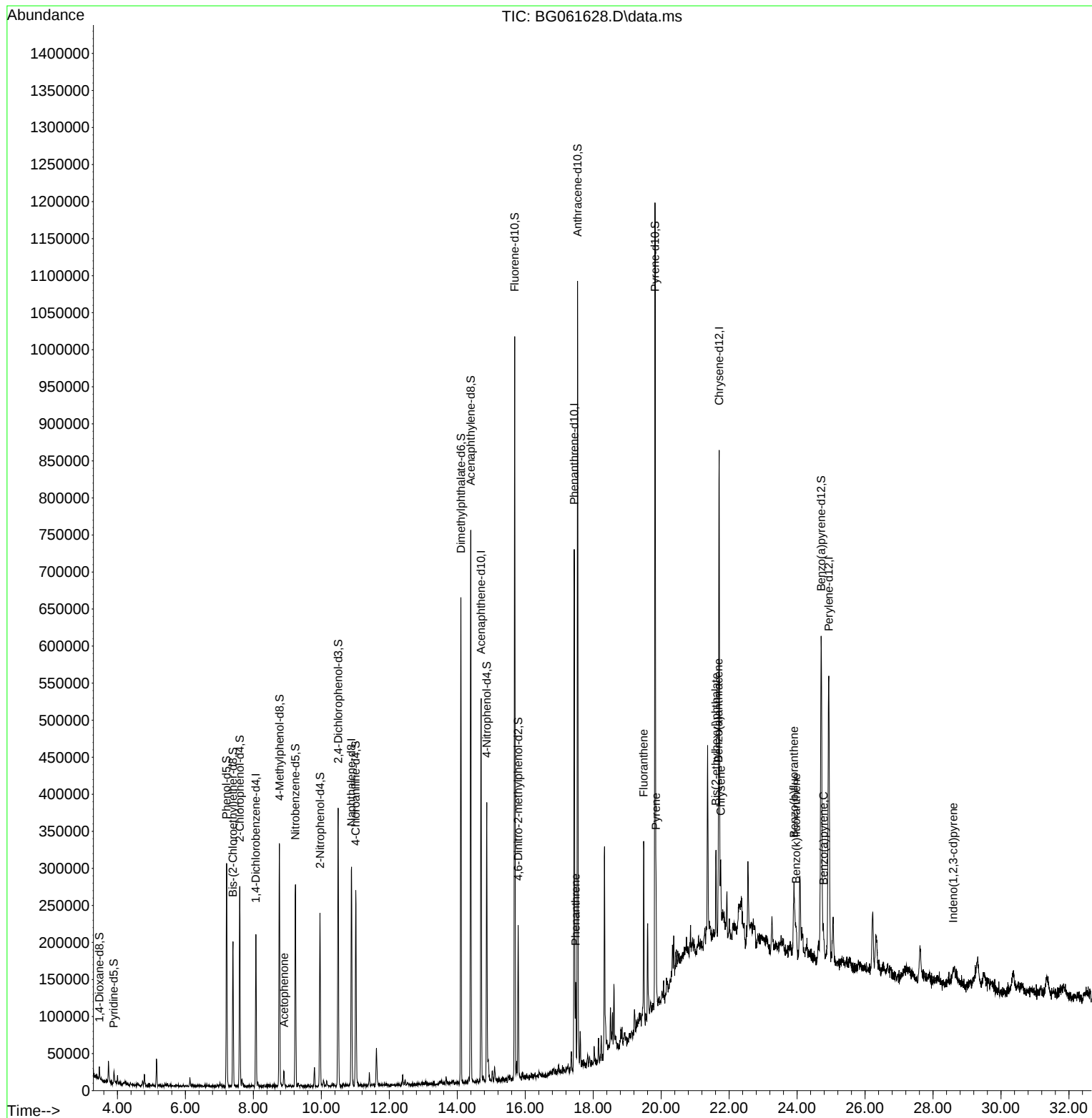
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061628.D
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ALS Vial : 7 Sample Multiplier: 1

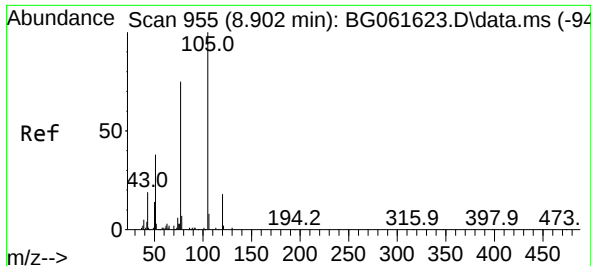
Instrument :
BNA_G
ClientSampleId :
A4BP9

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
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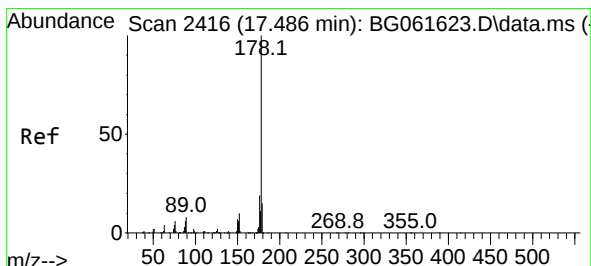
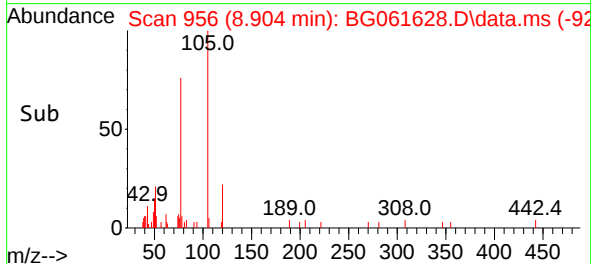
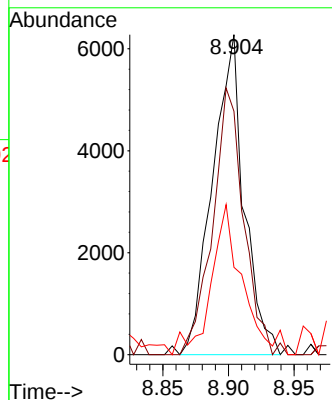
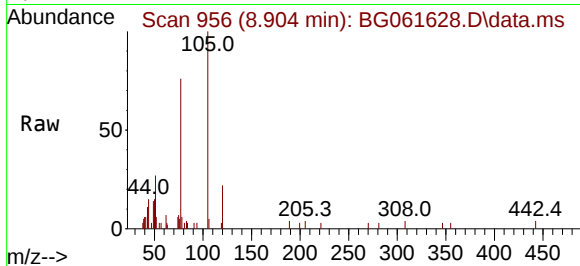
#16
Acetophenone
Concen: 1.532 ng/ul
RT: 8.904 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG061628.D
Acq: 21 Jun 2024 20:17

Instrument :
BNA_G
ClientSampleId :
A4BP9

Tgt Ion:105 Resp: 10472
Ion Ratio Lower Upper
105 100
77 76.1 60.4 90.6
51 27.3 31.1 46.7

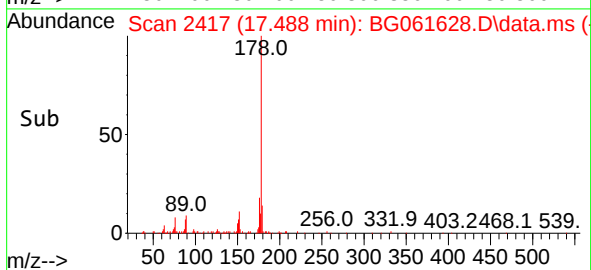
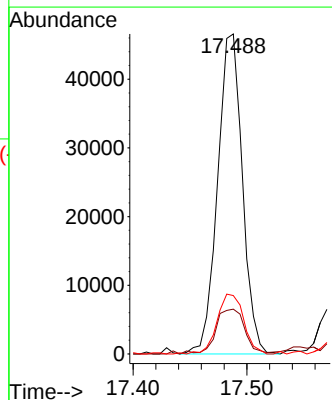
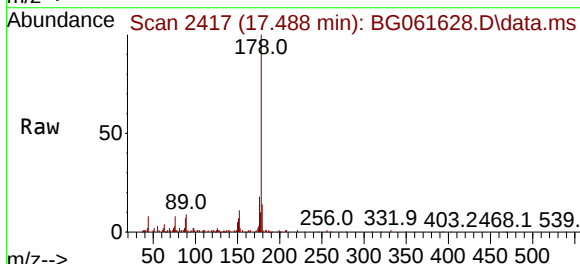
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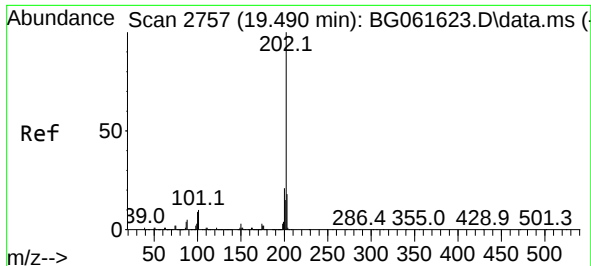
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#72
Phenanthrene
Concen: 3.166 ng/ul
RT: 17.488 min Scan# 2417
Delta R.T. -0.001 min
Lab File: BG061628.D
Acq: 21 Jun 2024 20:17

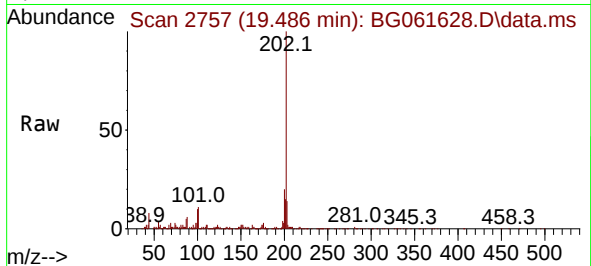
Tgt Ion:178 Resp: 70619
Ion Ratio Lower Upper
178 100
179 14.0 12.0 18.0
176 18.2 16.2 24.2





#80
Fluoranthene
Concen: 6.195 ng/u1
RT: 19.486 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061628.D
Acq: 21 Jun 2024 20:17

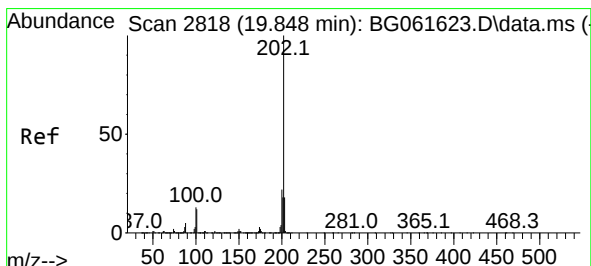
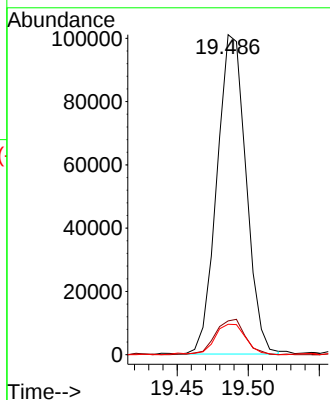
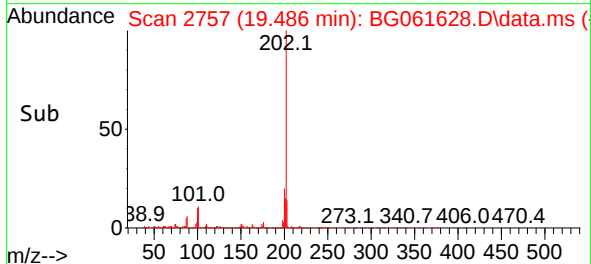
Instrument :
BNA_G
ClientSampleId :
A4BP9



Tgt Ion:202 Resp: 14401
Ion Ratio Lower Upper
202 100
101 10.6 7.8 11.6
100 9.5 7.7 11.5

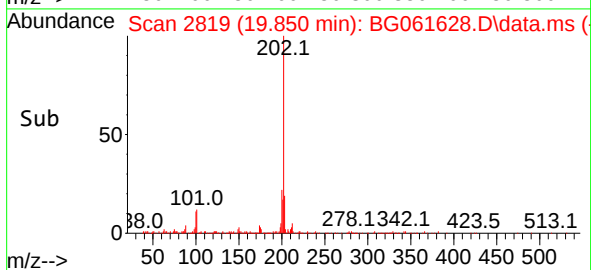
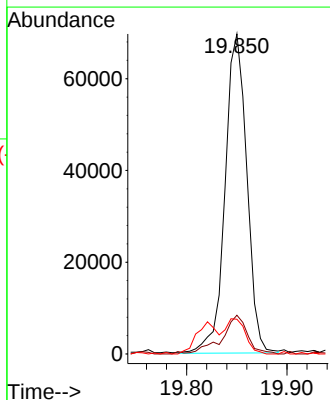
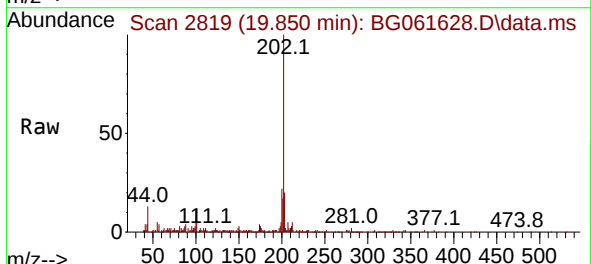
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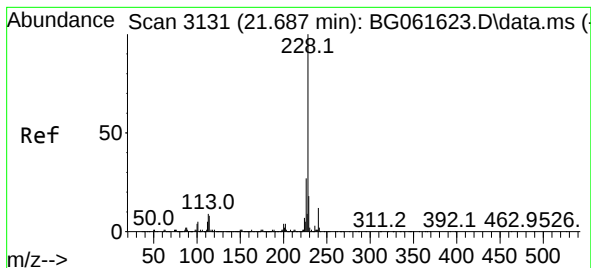
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#82
Pyrene
Concen: 4.245 ng/u1
RT: 19.850 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG061628.D
Acq: 21 Jun 2024 20:17

Tgt Ion:202 Resp: 104936
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 10.8 9.9 14.9





#85

Benzo(a)anthracene

Concen: 2.805 ng/ul

RT: 21.683 min Scan# 3131

Delta R.T. -0.007 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

Instrument :

BNA_G

ClientSampleId :

A4BP9

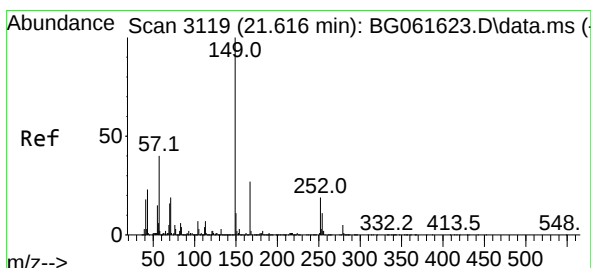
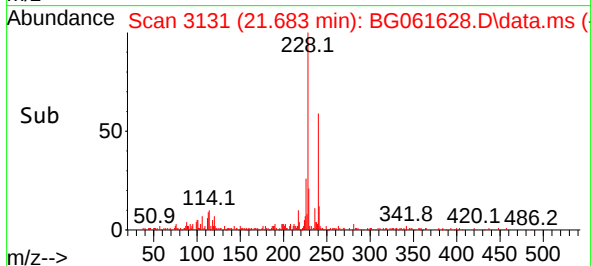
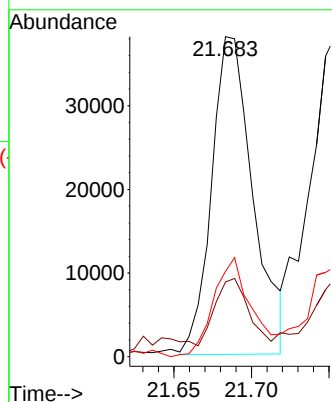
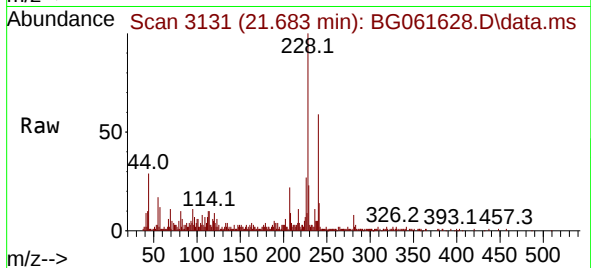
Tgt Ion:	228	Resp:	7063
Ion Ratio	Lower	Upper	
228	100		
229	23.4	15.8	23.8
226	26.7	21.4	32.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.546 ng/ul

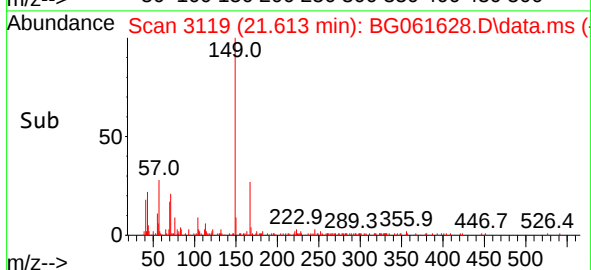
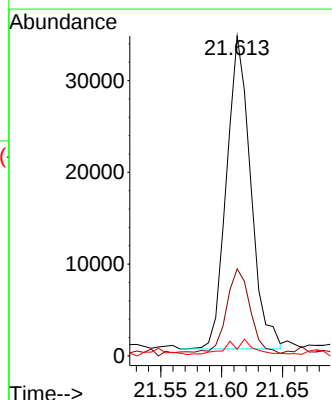
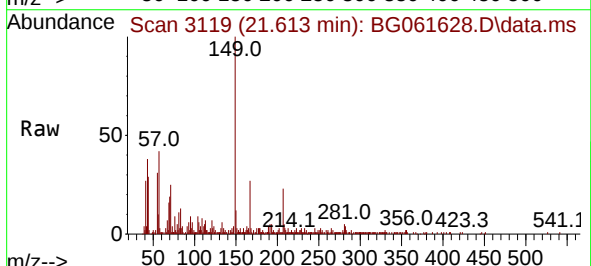
RT: 21.613 min Scan# 3119

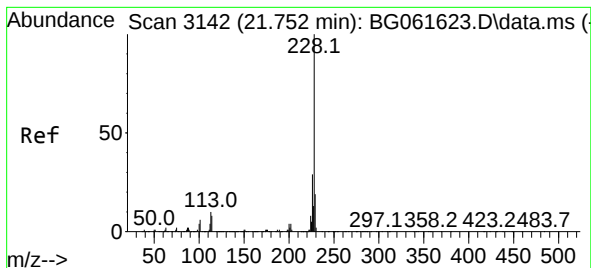
Delta R.T. -0.012 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

Tgt Ion:	149	Resp:	46905
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.5	30.7
279	2.1	2.9	4.3





#87

Chrysene

Concen: 2.903 ng/u1

RT: 21.754 min Scan# 3142

Delta R.T. -0.007 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

Instrument :

BNA_G

ClientSampleId :

A4BP9

Tgt Ion:228 Resp: 69170

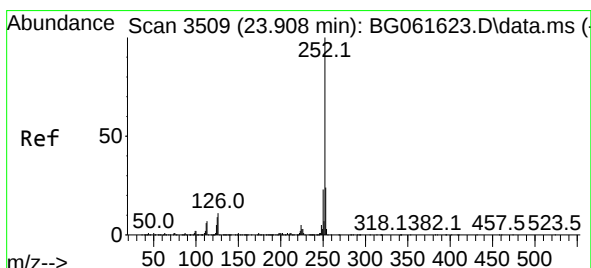
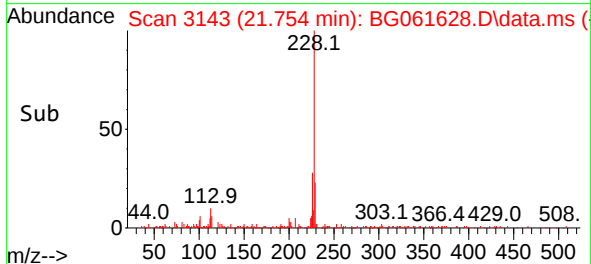
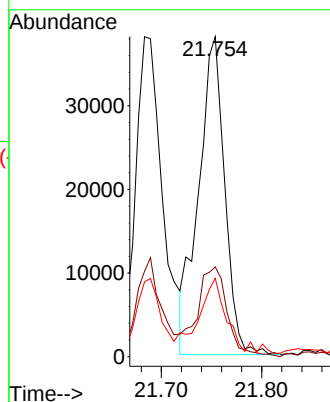
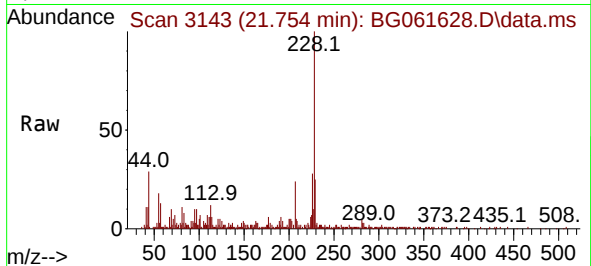
Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.2	36.2
229	24.5	16.5	24.7

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#90

Benzo(b)fluoranthene

Concen: 3.998 ng/u1

RT: 23.910 min Scan# 3510

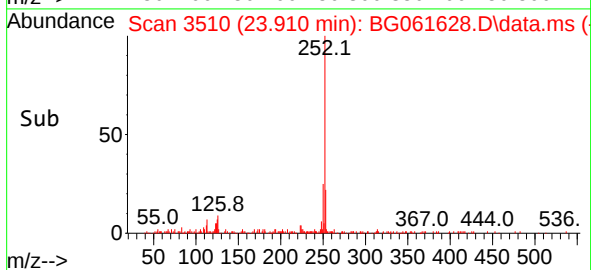
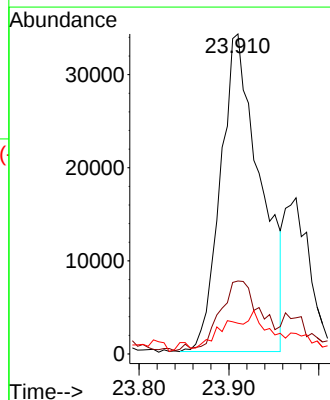
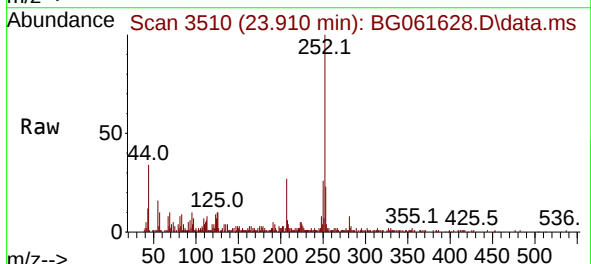
Delta R.T. -0.007 min

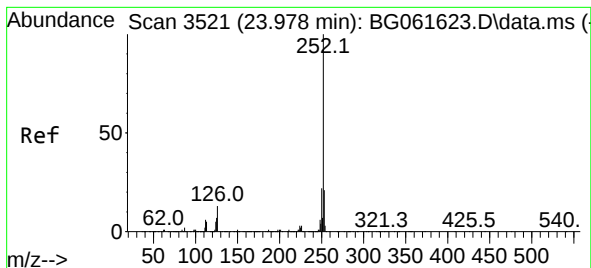
Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

Tgt Ion:252 Resp: 104939

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	9.6	7.0	10.6





#91

Benzo(k)fluoranthene

Concen: 1.148 ng/ul

RT: 23.975 min Scan# 3521

Delta R.T. -0.007 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

Instrument :

BNB_G

ClientSampleId :

A4BP9

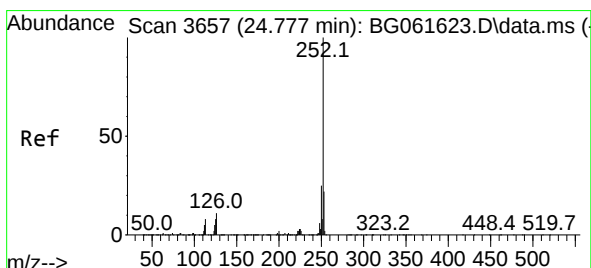
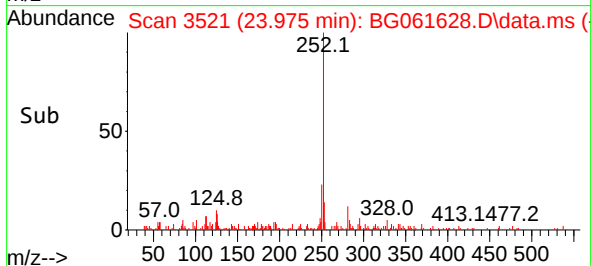
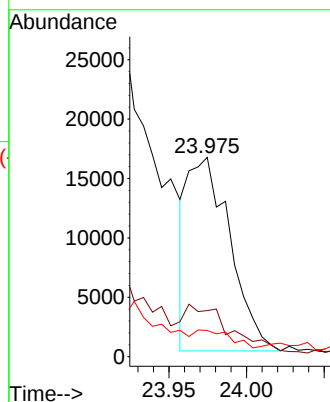
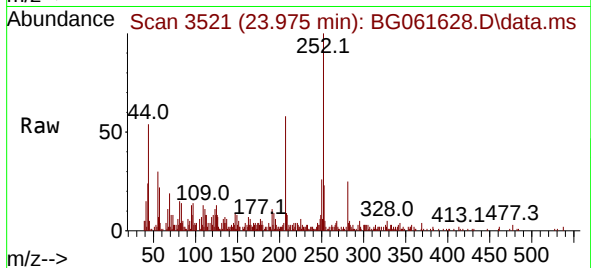
Tgt Ion:	252	Resp:	30990
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	13.1	6.2	9.2

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#93

Benzo(a)pyrene

Concen: 1.461 ng/ul

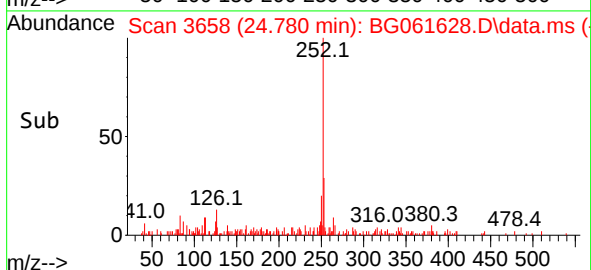
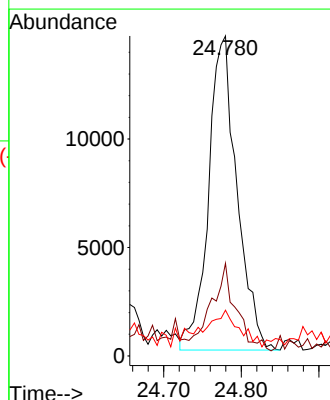
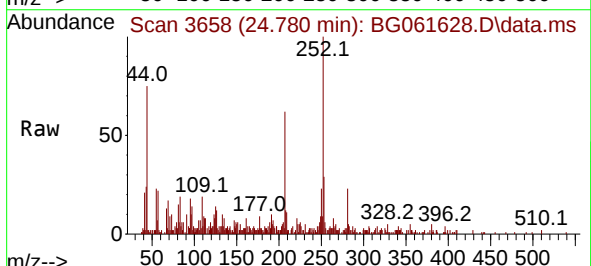
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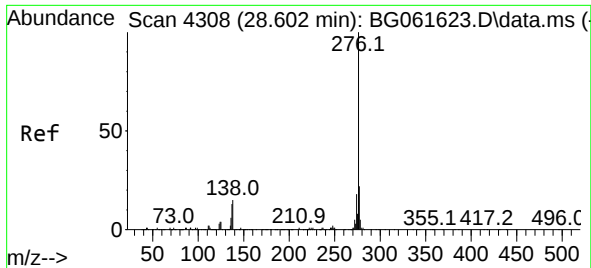
Delta R.T. -0.012 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

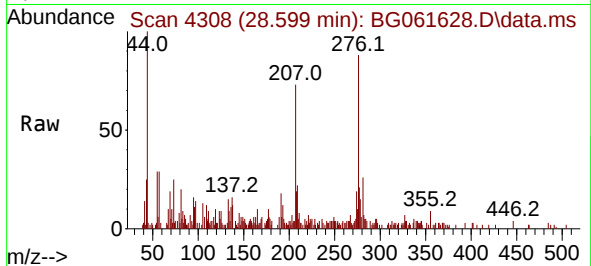
Tgt Ion:	252	Resp:	36926
Ion Ratio	Lower	Upper	
252	100		
253	29.0	16.8	25.2#
125	14.3	6.5	9.7#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.200 ng/ul m
 RT: 28.599 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BG061628.D
 Acq: 21 Jun 2024 20:17

Instrument :
 BNA_G
 ClientSampleId :
 A4BP9



Tgt Ion:	276	Resp:	37784
Ion Ratio	Lower	Upper	
276	100		
138	13.1	12.2	18.4
277	24.4	19.7	29.5

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