

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061904.D
 Acq On : 5 Jul 2024 20:28
 Operator : MA/JU
 Sample : P2982-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BC7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 05 23:35:05 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	8.097	152	36325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.906	136	183118	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.713	164	151193	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	357031	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.717	240	311930	20.000	ng/u1	0.00
88) Perylene-d12	24.954	264	385390	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.479	96	3267	3.380	ng/uL	0.00
4) Pyridine-d5	3.902	84	32615	10.973	ng/u1	0.00
7) Phenol-d5	7.240	99	90550	22.778	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.416	67	51528	20.469	ng/u1	0.00
11) 2-Chlorophenol-d4	7.621	132	66975	24.561	ng/u1	0.00
15) 4-Methylphenol-d8	8.791	113	72929	23.300	ng/u1	0.00
21) Nitrobenzene-d5	9.261	128	34577	24.828	ng/u1	0.00
24) 2-Nitrophenol-d4	9.983	143	37616	23.652	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.524	165	80652	26.291	ng/u1	0.00
31) 4-Chloroaniline-d4	11.041	131	85961	19.301	ng/u1	0.00
46) Dimethylphthalate-d6	14.114	166	281652	22.659	ng/u1	0.00
49) Acenaphthylene-d8	14.414	160	312913	24.075	ng/u1	0.00
54) 4-Nitrophenol-d4	14.901	143	40391	20.348	ng/u1	-0.01
60) Fluorene-d10	15.706	176	255744	24.440	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	42102	22.454	ng/u1	-0.01
73) Anthracene-d10	17.557	188	403827	24.226	ng/u1	0.00
81) Pyrene-d10	19.837	212	446477	24.335	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.731	264	468528	24.513	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.498	178	99135	5.266	ng/u1	98
74) Anthracene	17.586	178	19611m	1.008	ng/u1	
80) Fluoranthene	19.502	202	156053	7.187	ng/u1#	94
82) Pyrene	19.860	202	134028	5.976	ng/u1	99
85) Benzo(a)anthracene	21.693	228	70952	3.142	ng/u1	96
87) Chrysene	21.758	228	67555m	3.195	ng/u1	
90) Benzo(b)fluoranthene	23.926	252	95115	3.917	ng/u1#	98
91) Benzo(k)fluoranthene	23.985	252	33556m	1.386	ng/u1	
93) Benzo(a)pyrene	24.801	252	70183m	3.052	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.638	276	53914m	1.835	ng/u1	
96) Benzo(g,h,i)perylene	29.778	276	54620m	2.337	ng/u1	

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

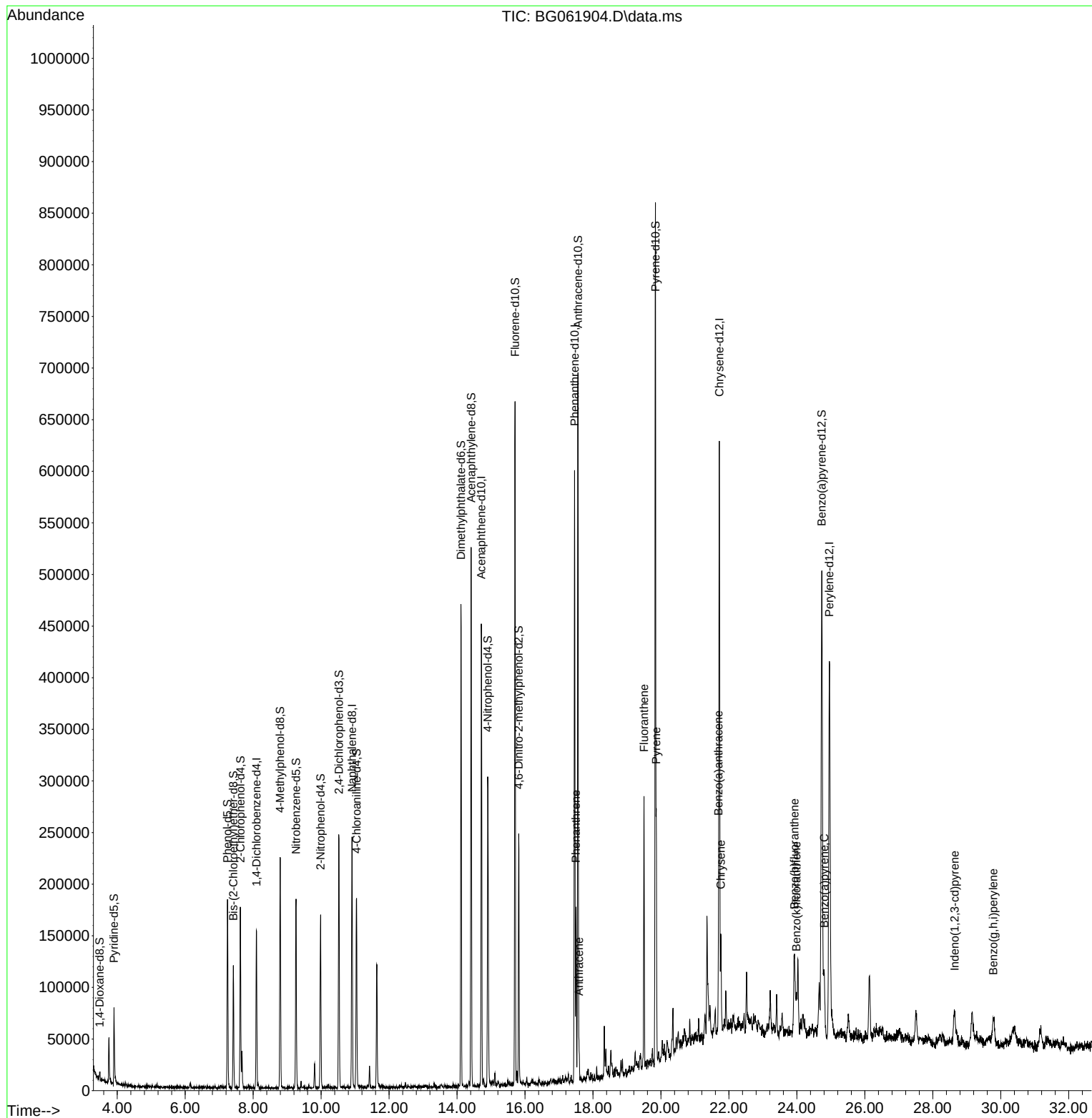
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061904.D
Acq On : 5 Jul 2024 20:28
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

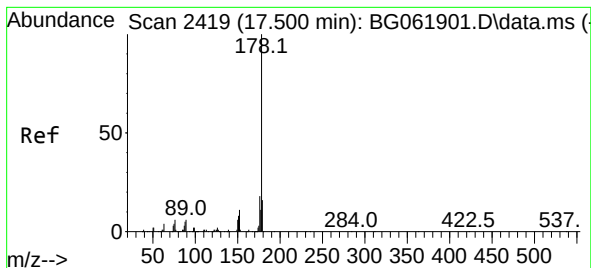
Instrument :
BNA_G
ClientSampleId :
A4BC7

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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





#72

Phenanthrene

Concen: 5.266 ng/ul

RT: 17.498 min Scan# 2419

Delta R.T. -0.008 min

Lab File: BG061904.D

Acq: 5 Jul 2024 20:28

Instrument :

BNL_G

ClientSampleId :

A4BC7

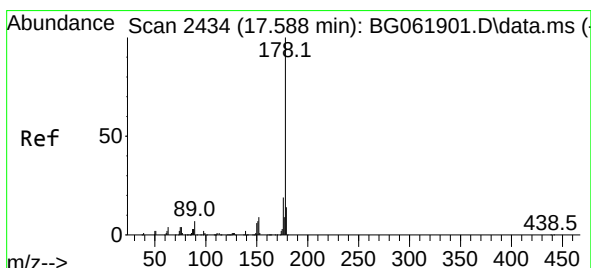
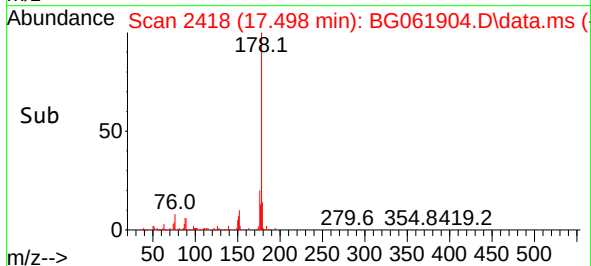
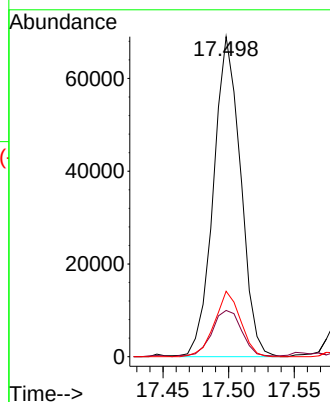
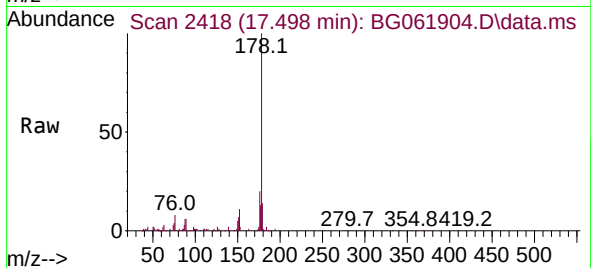
Tgt Ion:178	Resp:	9913
Ion Ratio	Lower	Upper
178	100	
179	14.5	11.9 17.9
176	20.4	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/09/2024



#74

Anthracene

Concen: 1.008 ng/ul m

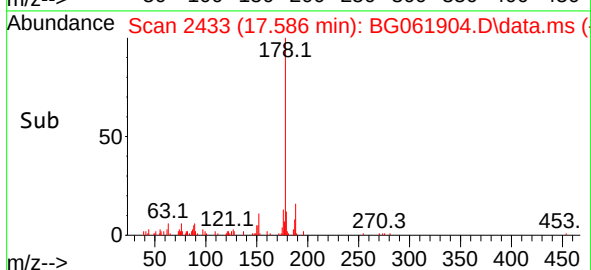
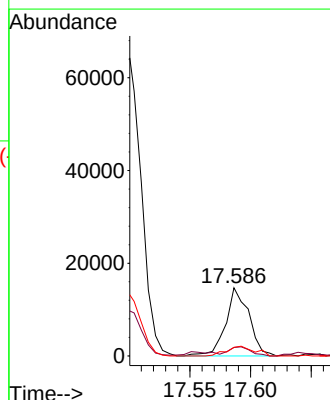
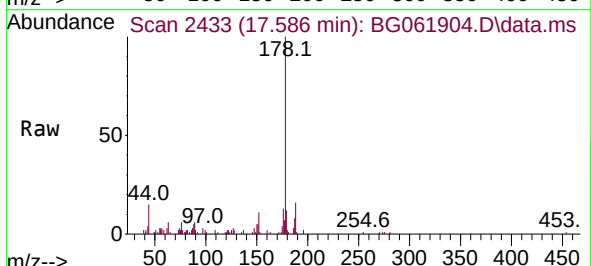
RT: 17.586 min Scan# 2433

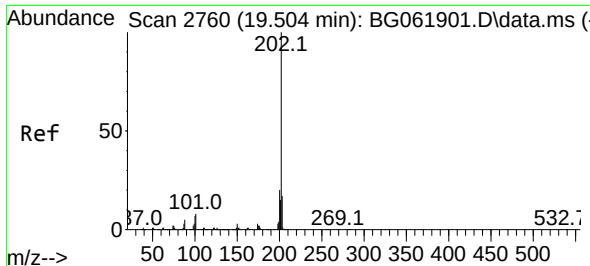
Delta R.T. -0.008 min

Lab File: BG061904.D

Acq: 5 Jul 2024 20:28

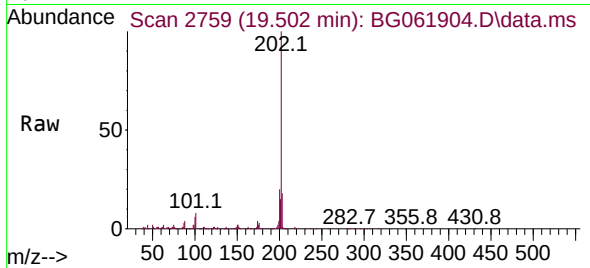
Tgt Ion:178	Resp:	19611
Ion Ratio	Lower	Upper
178	100	
179	12.5	11.9 17.9
176	12.7	14.7 22.1#





#80
Fluoranthene
Concen: 7.187 ng/ul
RT: 19.502 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG061904.D
Acq: 5 Jul 2024 20:28

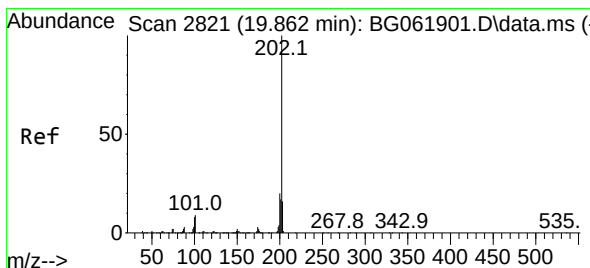
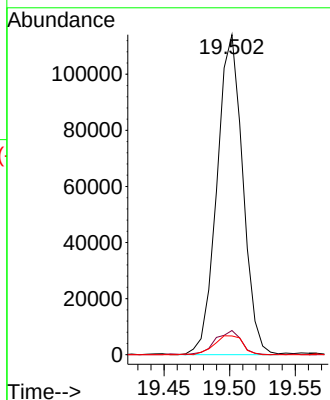
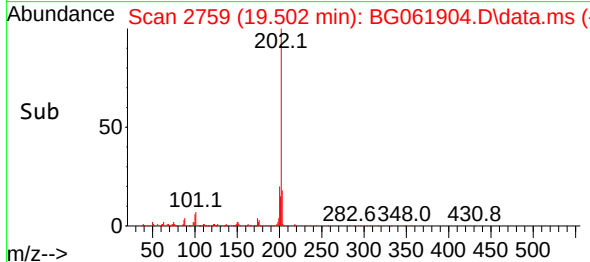
Instrument :
BNA_G
ClientSampleId :
A4BC7



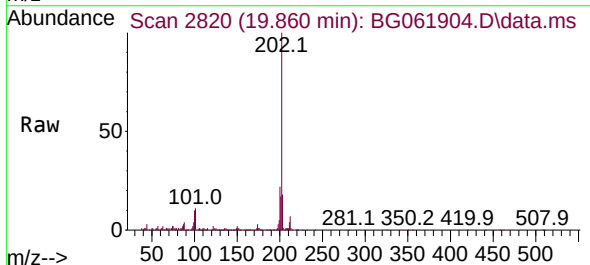
Tgt Ion:202 Resp: 15605
Ion Ratio Lower Upper
202 100
101 7.6 7.4 11.2
100 5.9 6.6 10.0

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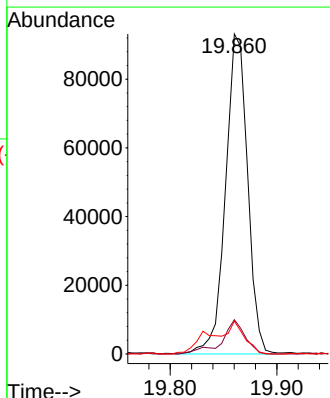
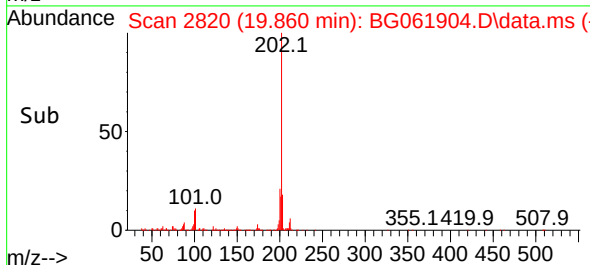
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024

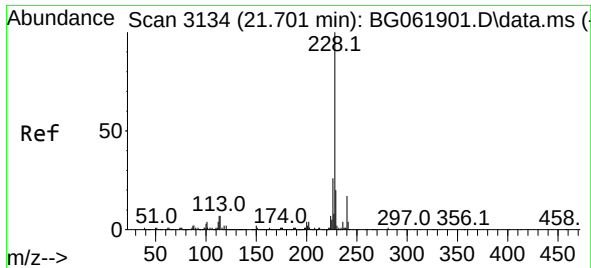


#82
Pyrene
Concen: 5.976 ng/ul
RT: 19.860 min Scan# 2820
Delta R.T. -0.008 min
Lab File: BG061904.D
Acq: 5 Jul 2024 20:28



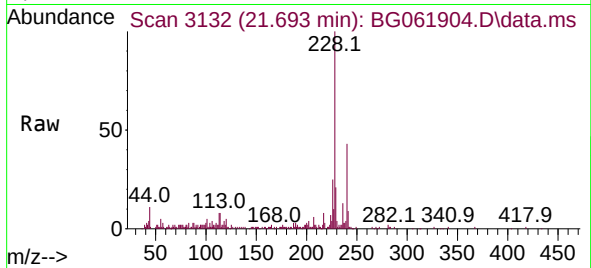
Tgt Ion:202 Resp: 134028
Ion Ratio Lower Upper
202 100
101 10.7 8.8 13.2
100 10.3 7.6 11.4





#85
Benzo(a)anthracene
Concen: 3.142 ng/ul
RT: 21.693 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BG061904.D
Acq: 5 Jul 2024 20:28

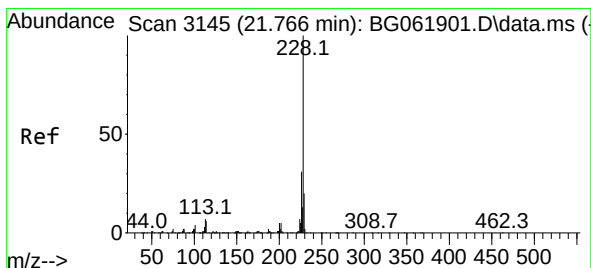
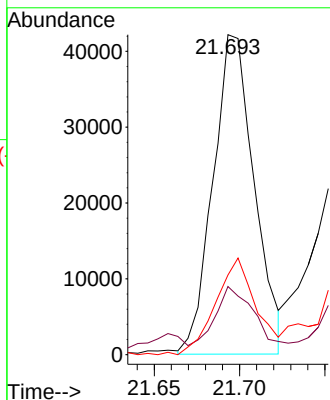
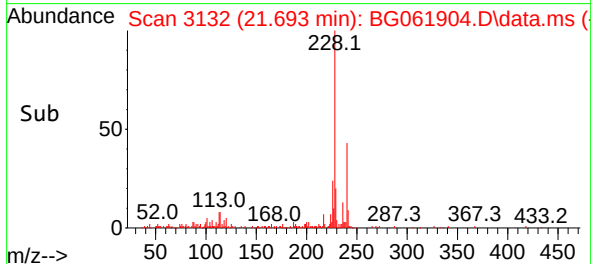
Instrument :
BNA_G
ClientSampleId :
A4BC7



Tgt Ion:228 Resp: 70952
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 24.9 21.7 32.5

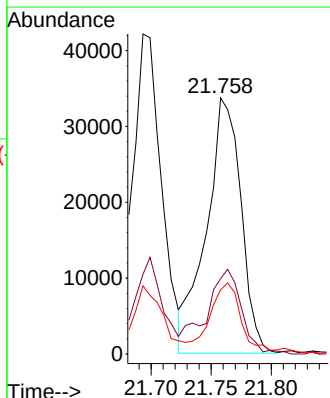
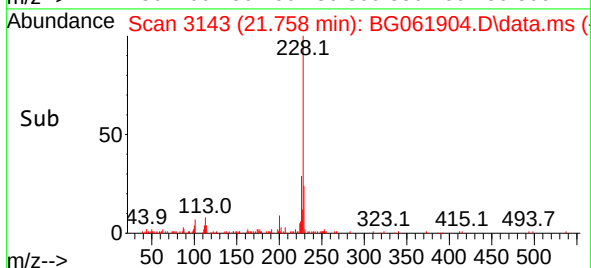
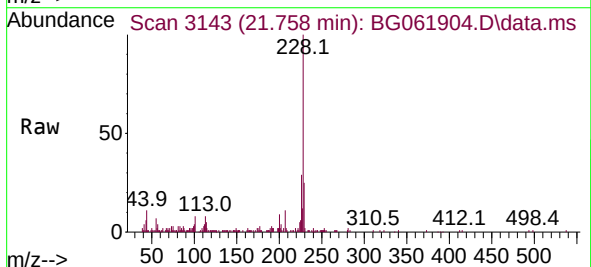
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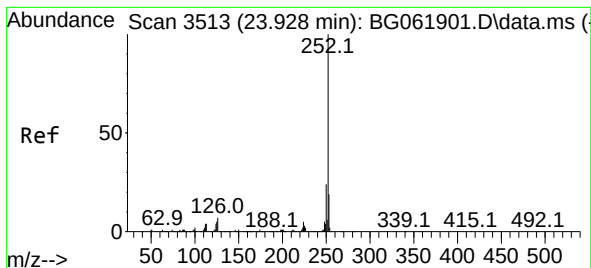
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



#87
Chrysene
Concen: 3.195 ng/ul m
RT: 21.758 min Scan# 3143
Delta R.T. -0.014 min
Lab File: BG061904.D
Acq: 5 Jul 2024 20:28

Tgt Ion:228 Resp: 67555
Ion Ratio Lower Upper
228 100
226 29.4 23.3 34.9
229 25.1 15.5 23.3#





#90

Benzo(b)fluoranthene

Concen: 3.917 ng/ul

RT: 23.926 min Scan# 3513

Delta R.T. -0.008 min

Lab File: BG061904.D

Acq: 5 Jul 2024 20:28

Instrument :

BNA_G

ClientSampleId :

A4BC7

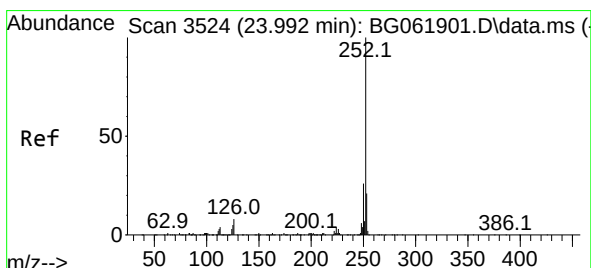
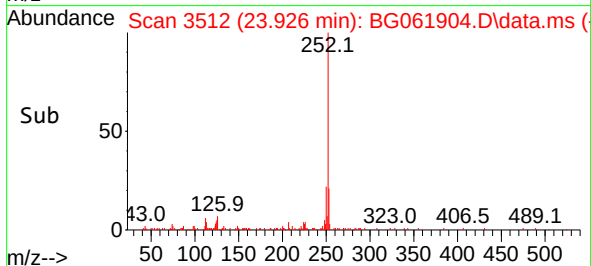
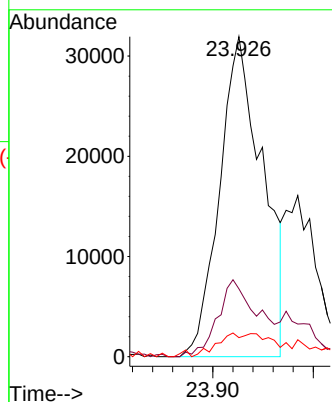
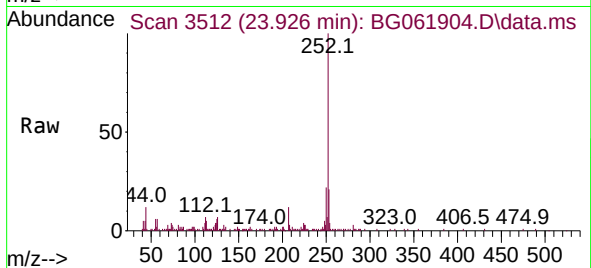
Tgt Ion:	252	Resp:	9511
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.2	25.8
125	6.0	6.1	9.1

Manual Integrations

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Supervised By :mohammad ahmed 07/09/2024



#91

Benzo(k)fluoranthene

Concen: 1.386 ng/ul m

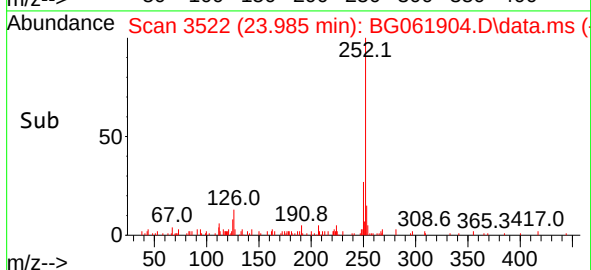
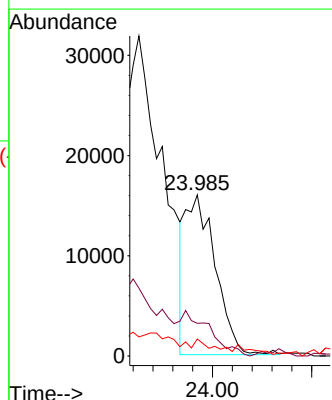
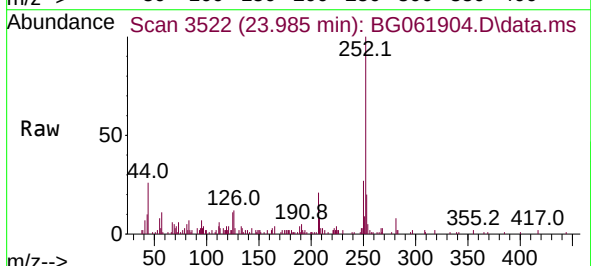
RT: 23.985 min Scan# 3522

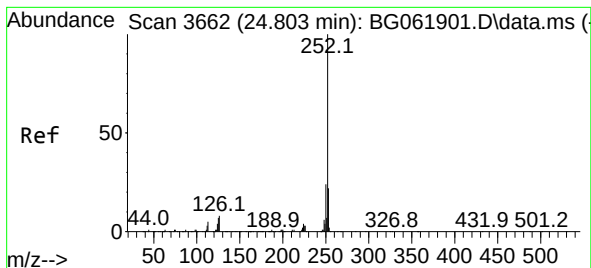
Delta R.T. -0.020 min

Lab File: BG061904.D

Acq: 5 Jul 2024 20:28

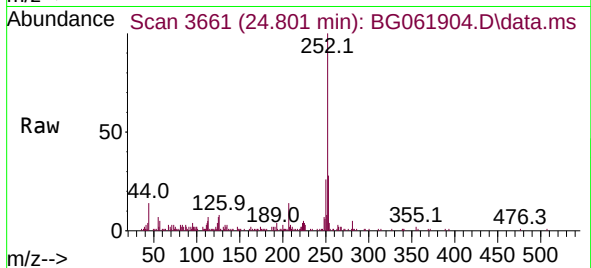
Tgt Ion:	252	Resp:	33556
Ion Ratio	Lower	Upper	
252	100		
253	20.3	19.3	28.9
125	10.5	6.3	9.5





#93
Benzo(a)pyrene
Concen: 3.052 ng/ul m
RT: 24.801 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG061904.D
Acq: 5 Jul 2024 20:28

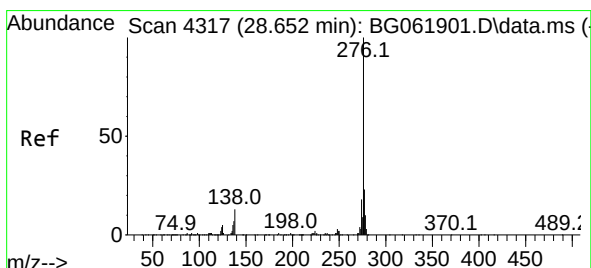
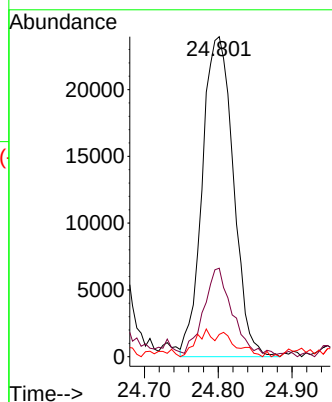
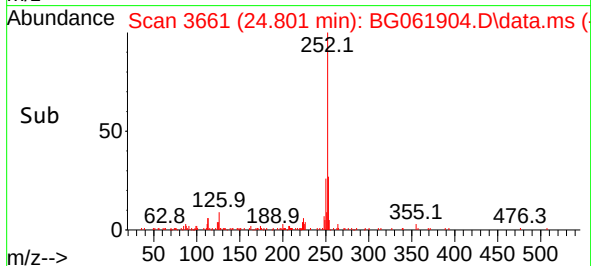
Instrument :
BNA_G
ClientSampleId :
A4BC7



Tgt Ion:252 Resp: 7018
Ion Ratio Lower Upper
252 100
253 27.7 16.5 24.7
125 7.0 7.4 11.2

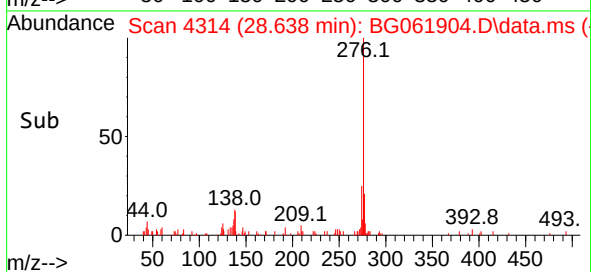
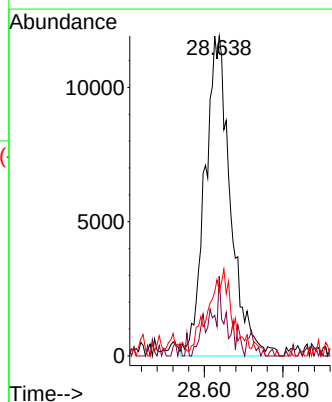
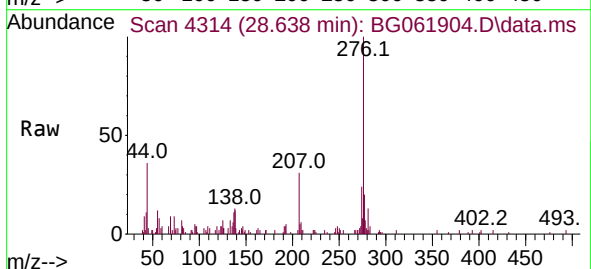
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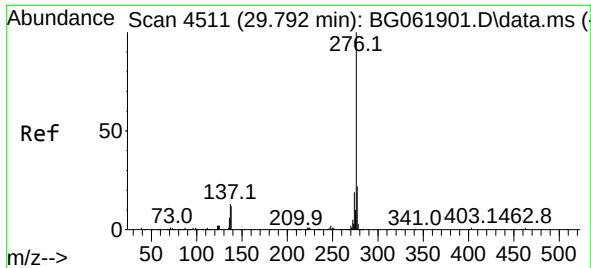
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.835 ng/ul m
RT: 28.638 min Scan# 4314
Delta R.T. -0.026 min
Lab File: BG061904.D
Acq: 5 Jul 2024 20:28

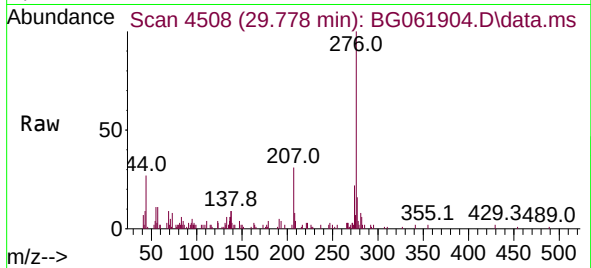
Tgt Ion:276 Resp: 53914
Ion Ratio Lower Upper
276 100
138 12.9 11.9 17.9
277 20.1 19.3 28.9





#96
 Benzo(g,h,i)perylene
 Concen: 2.337 ng/ul m
 RT: 29.778 min Scan# 4511
 Delta R.T. -0.050 min
 Lab File: BG061904.D
 Acq: 5 Jul 2024 20:28

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:276 Resp: 54620
 Ion Ratio Lower Upper
 276 100
 138 9.1 11.1 16.7
 277 15.6 18.8 28.2

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