

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061566.D
 Acq On : 8 Jun 2024 15:32
 Operator : MA/JU
 Sample : P2647-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 09 23:51:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	27301	20.000	ng/ul	0.00
20) Naphthalene-d8	10.662	136	100387	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.511	164	74600	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.261	188	173381	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	189213	20.000	ng/ul	0.00
88) Perylene-d12	24.623	264	215130	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1341	2.749	ng/uL	-0.03
4) Pyridine-d5	3.741	84	11229	6.470	ng/ul	-0.03
7) Phenol-d5	7.067	99	33685	15.025	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	20505	14.551	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.413	132	27469	16.555	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	27311	14.286	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	13488	17.451	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.752	143	16059	17.753	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	32938	18.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	26119	11.321	ng/ul	0.00
46) Dimethylphthalate-d6	13.912	166	96227	16.632	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	109486	18.202	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	8629m	12.063	ng/ul	0.01
60) Fluorene-d10	15.504	176	86508	17.318	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	9227	8.799	ng/ul	0.00
73) Anthracene-d10	17.360	188	137349	17.969	ng/ul	0.00
81) Pyrene-d10	19.658	212	169255	17.422	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.411	264	192236	18.587	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.302	178	18930	2.250	ng/ul#	95
80) Fluoranthene	19.323	202	47315	4.060	ng/ul	97
82) Pyrene	19.687	202	44980	3.718	ng/ul	98
85) Benzo(a)anthracene	21.503	228	36561	2.800	ng/ul#	96
87) Chrysene	21.567	228	40966	3.408	ng/ul#	94
90) Benzo(b)fluoranthene	23.635	252	54379	4.245	ng/ul	96
91) Benzo(k)fluoranthene	23.694	252	20942m	1.611	ng/ul	
93) Benzo(a)pyrene	24.476	252	30486	2.507	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.142	276	25171m	1.711	ng/ul	
96) Benzo(g,h,i)perylene	29.247	276	22531m	1.926	ng/ul	

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

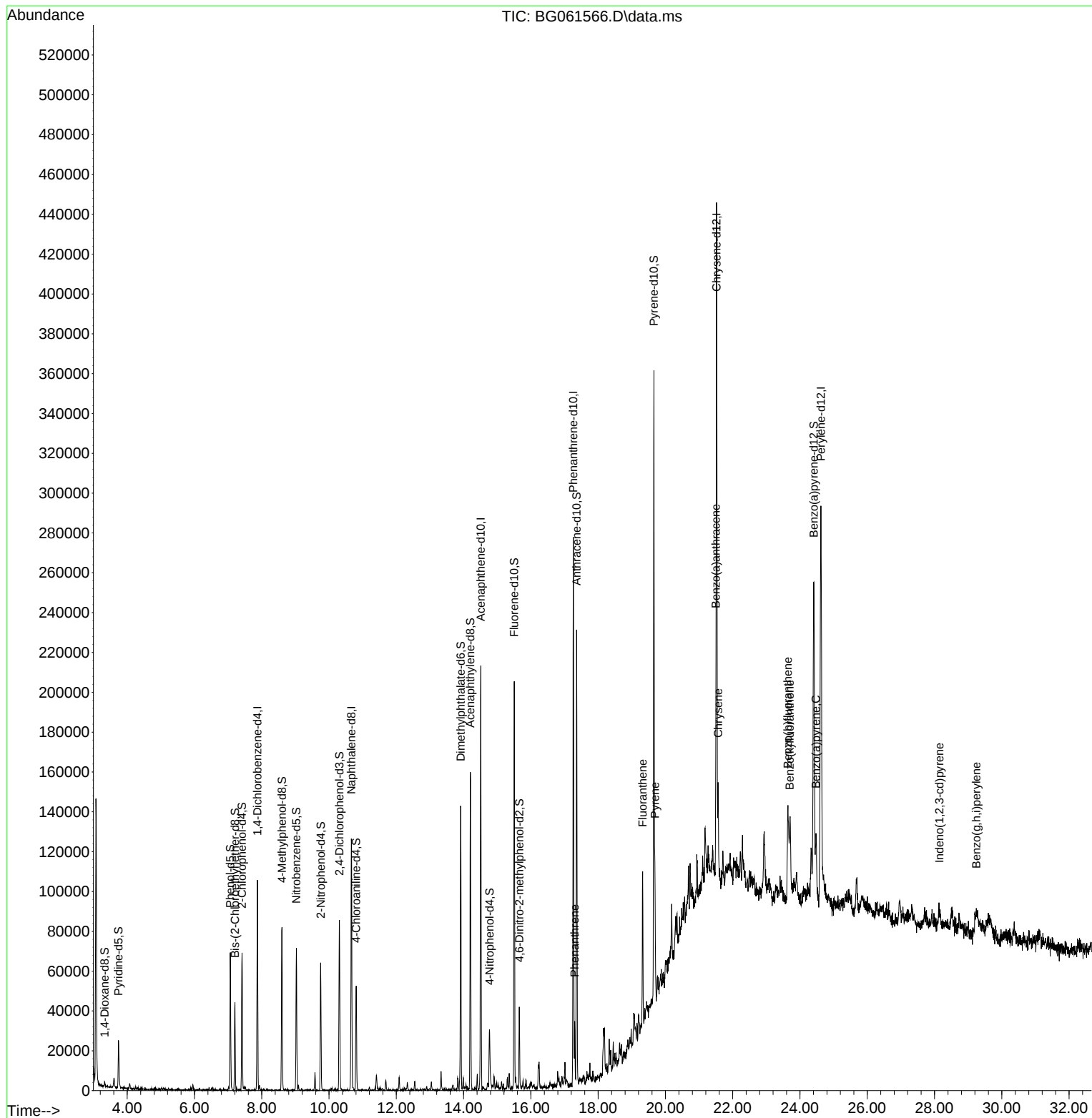
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061566.D
Acq On : 8 Jun 2024 15:32
Operator : MA/JU
Sample : P2647-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

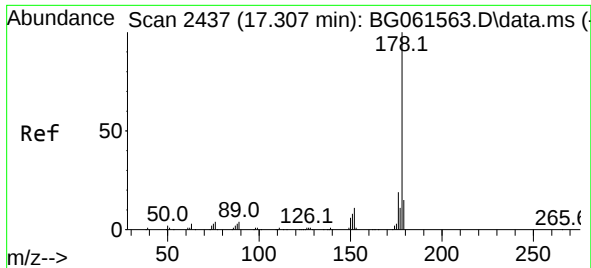
Instrument :
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ClientSampleId :
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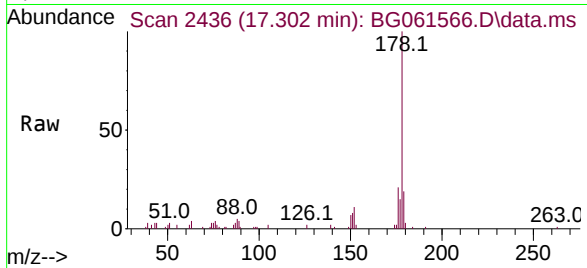
Quant Time: Jun 09 23:51:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.250 ng/ul
RT: 17.302 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BG061566.D
Acq: 8 Jun 2024 15:32

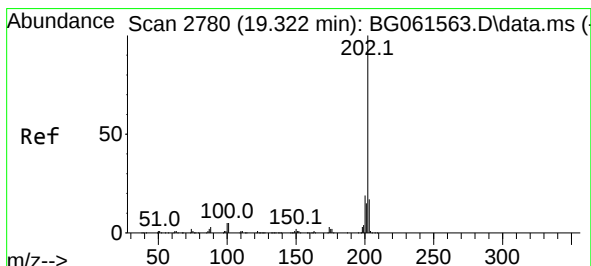
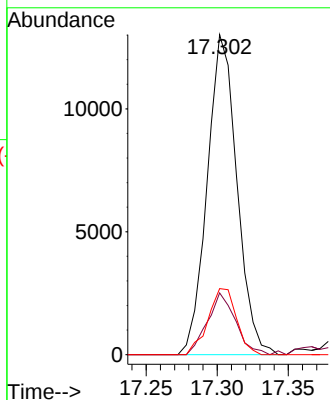
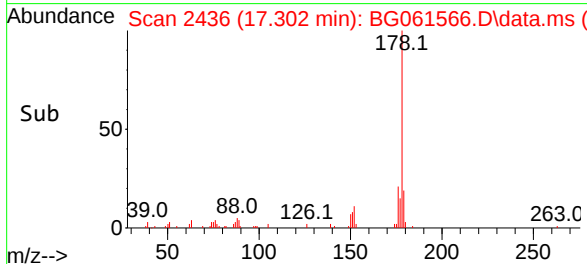
Instrument :
BNA_G
ClientSampleId :
BH5T5



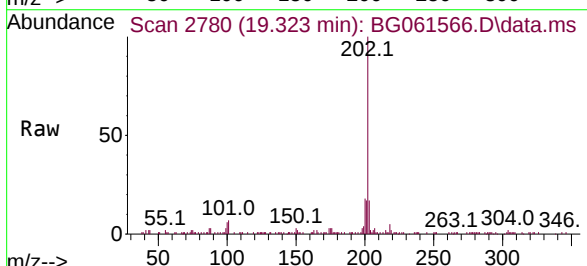
Tgt Ion:178 Resp: 18930
Ion Ratio Lower Upper
178 100
179 19.3 12.7 19.1
176 20.6 15.5 23.3

Manual Integrations
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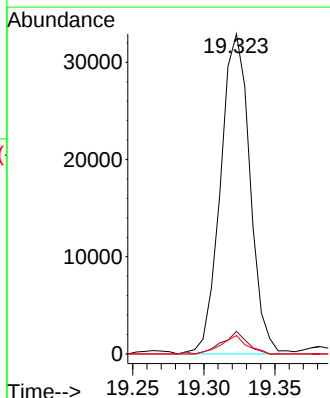
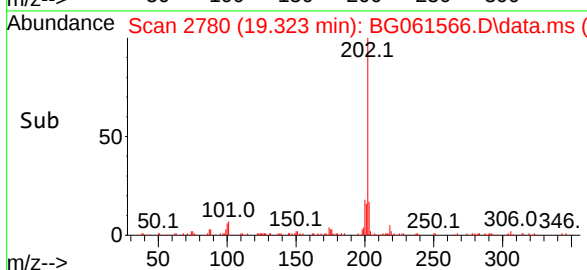
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

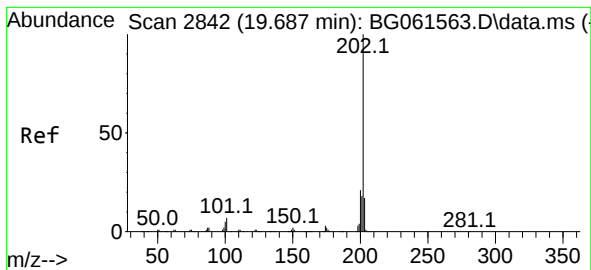


#80
Fluoranthene
Concen: 4.060 ng/ul
RT: 19.323 min Scan# 2780
Delta R.T. 0.001 min
Lab File: BG061566.D
Acq: 8 Jun 2024 15:32



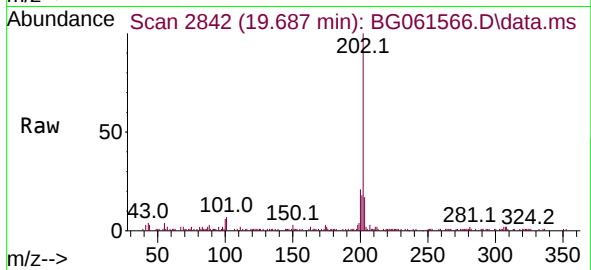
Tgt Ion:202 Resp: 47315
Ion Ratio Lower Upper
202 100
101 7.1 4.8 7.2
100 5.7 4.1 6.1





#82
 Pyrene
 Concen: 3.718 ng/ul
 RT: 19.687 min Scan# 2842
 Delta R.T. 0.001 min
 Lab File: BG061566.D
 Acq: 8 Jun 2024 15:32

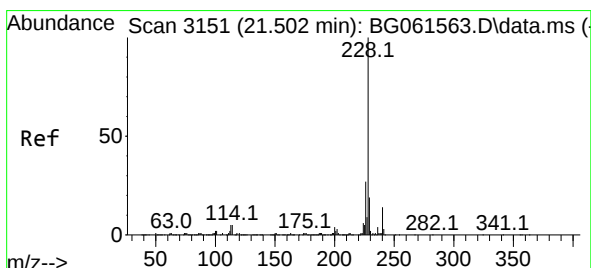
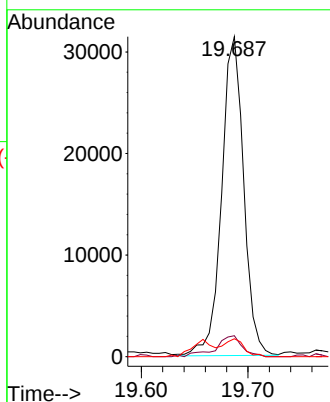
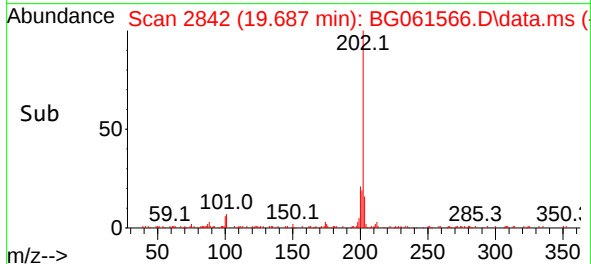
Instrument :
 BNA_G
 ClientSampleId :
 BH5T5



Tgt Ion:202 Resp: 44980
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.7 8.5
 100 5.6 5.1 7.7

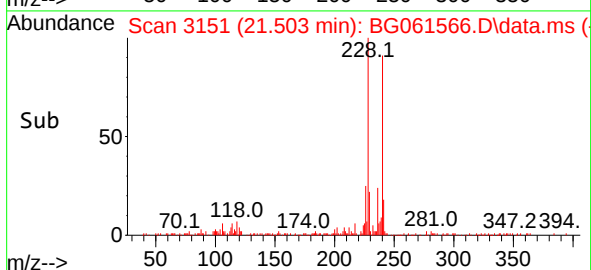
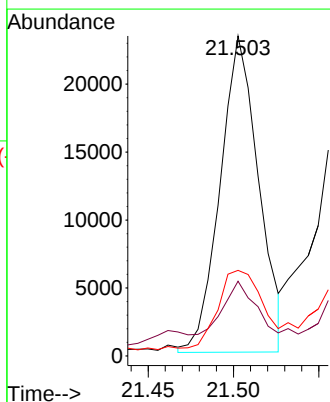
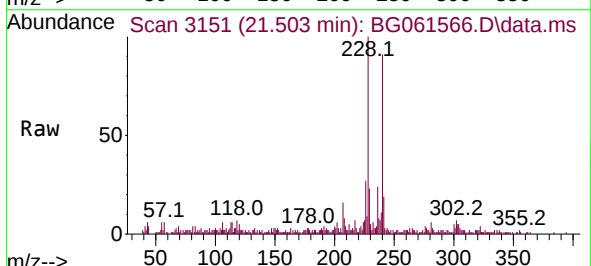
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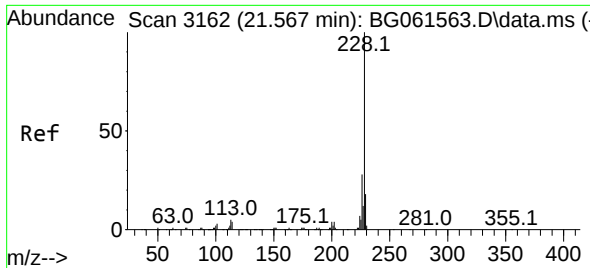
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



#85
 Benzo(a)anthracene
 Concen: 2.800 ng/ul
 RT: 21.503 min Scan# 3151
 Delta R.T. 0.001 min
 Lab File: BG061566.D
 Acq: 8 Jun 2024 15:32

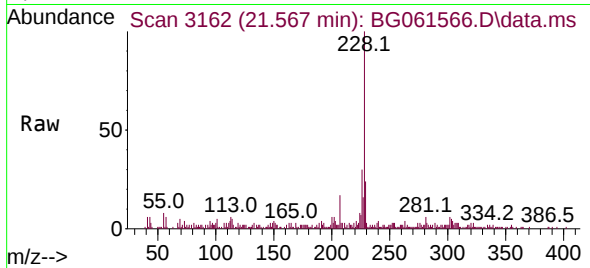
Tgt Ion:228 Resp: 36561
 Ion Ratio Lower Upper
 228 100
 229 23.4 15.2 22.8#
 226 26.7 21.4 32.2





#87
Chrysene
Concen: 3.408 ng/ul
RT: 21.567 min Scan# 3162
Delta R.T. 0.001 min
Lab File: BG061566.D
Acq: 8 Jun 2024 15:32

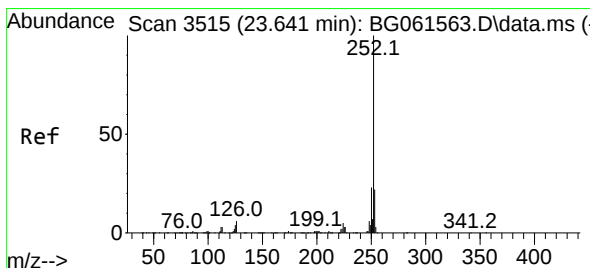
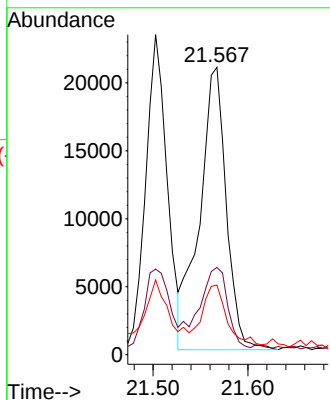
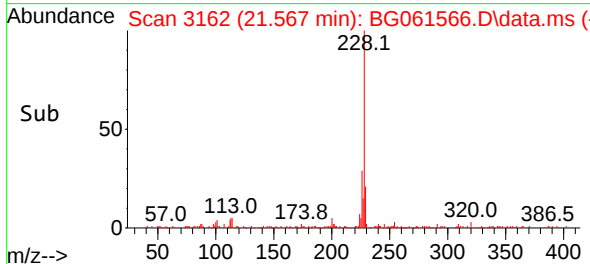
Instrument :
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ClientSampleId :
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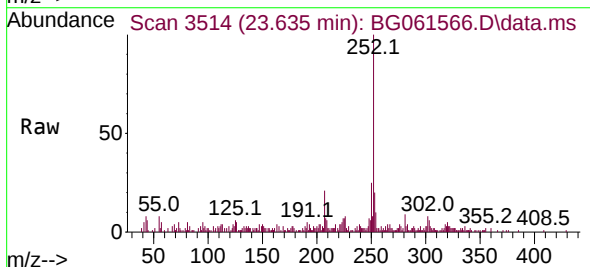
Tgt Ion:228 Resp: 40960
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.0
229 24.2 15.4 23.2

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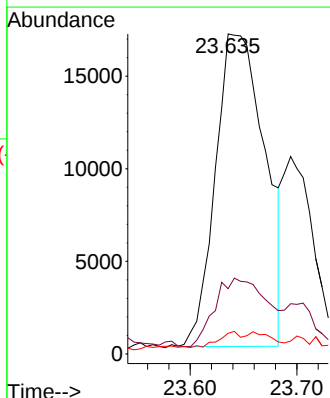
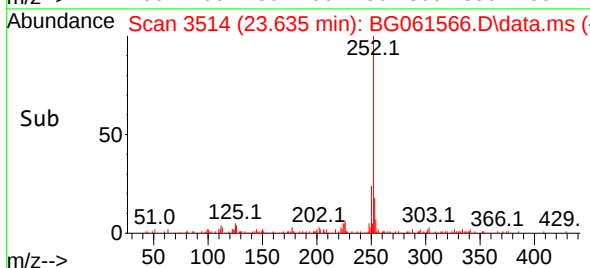
Reviewed By :Yogesh Patel 06/10/2024
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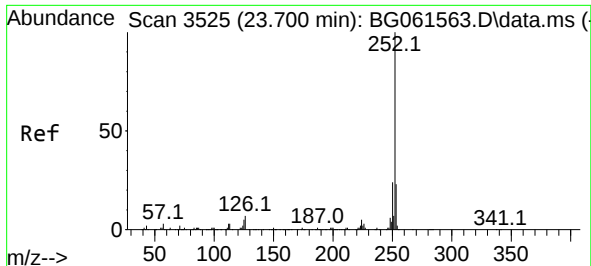


#90
Benzo(b)fluoranthene
Concen: 4.245 ng/ul
RT: 23.635 min Scan# 3514
Delta R.T. 0.001 min
Lab File: BG061566.D
Acq: 8 Jun 2024 15:32



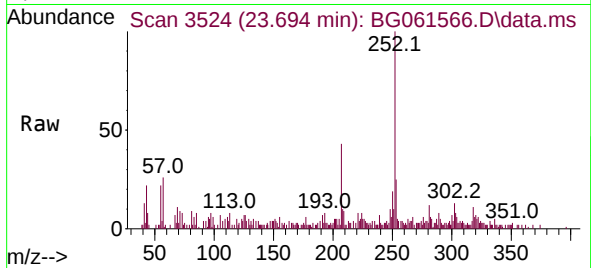
Tgt Ion:252 Resp: 54379
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.8
125 6.5 4.6 6.8





#91
Benzo(k)fluoranthene
Concen: 1.611 ng/ul m
RT: 23.694 min Scan# 3525
Delta R.T. -0.005 min
Lab File: BG061566.D
Acq: 8 Jun 2024 15:32

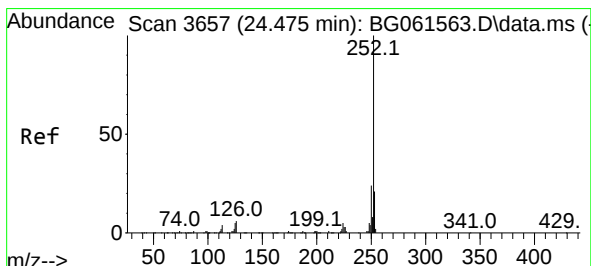
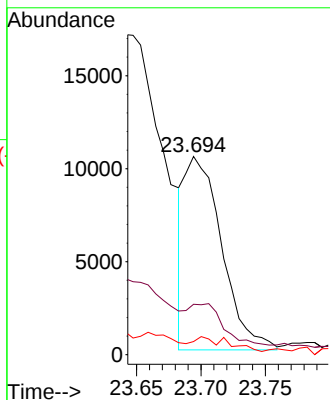
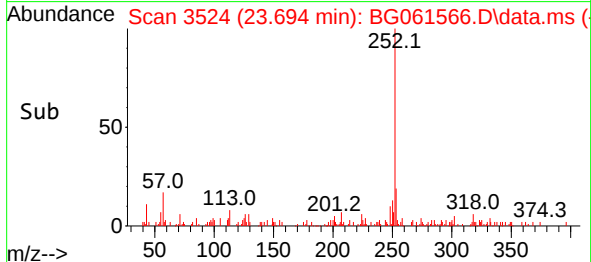
Instrument :
BNA_G
ClientSampleId :
BH5T5



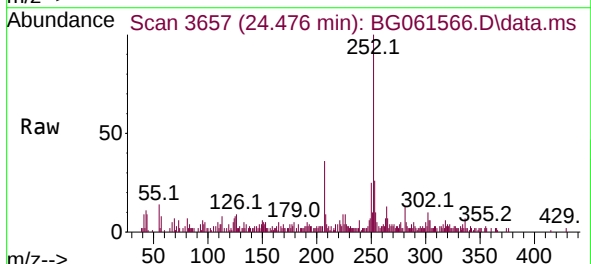
Tgt Ion:252 Resp: 2094
Ion Ratio Lower Upper
252 100
253 25.4 16.0 24.0#
125 6.6 4.3 6.5#

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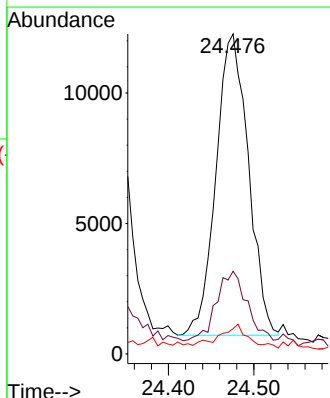
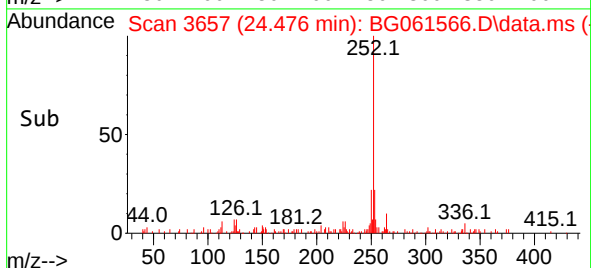
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

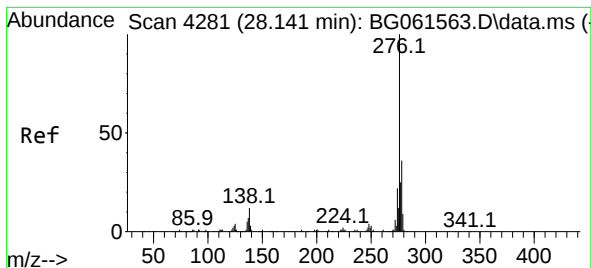


#93
Benzo(a)pyrene
Concen: 2.507 ng/ul
RT: 24.476 min Scan# 3657
Delta R.T. 0.007 min
Lab File: BG061566.D
Acq: 8 Jun 2024 15:32



Tgt Ion:252 Resp: 30486
Ion Ratio Lower Upper
252 100
253 25.8 16.4 24.6#
125 7.9 4.3 6.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.711 ng/ul m

RT: 28.142 min Scan# 4281

Delta R.T. 0.007 min

Lab File: BG061566.D

Acq: 8 Jun 2024 15:32

Instrument :

BNA_G

ClientSampleId :

BH5T5

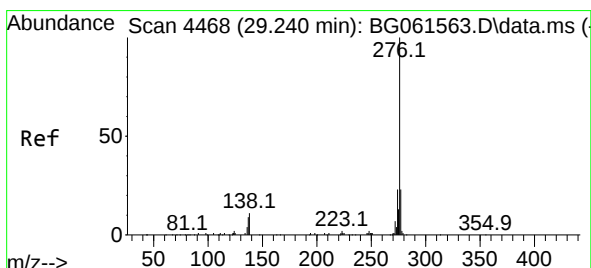
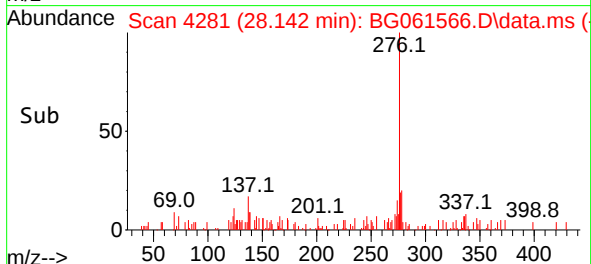
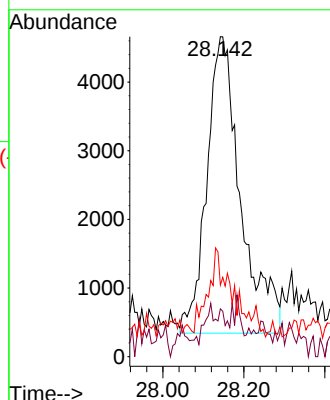
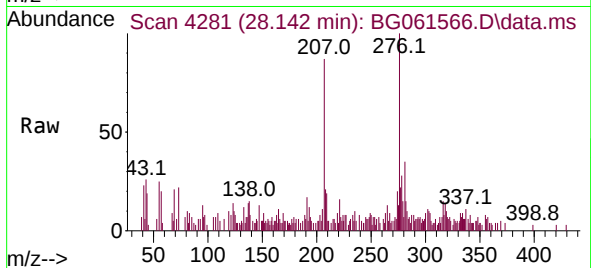
Tgt Ion:	276	Resp:	2517
Ion Ratio	Lower	Upper	
276	100		
138	15.0	8.6	13.0
277	22.3	19.7	29.5

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#96

Benzo(g,h,i)perylene

Concen: 1.926 ng/ul m

RT: 29.247 min Scan# 4469

Delta R.T. 0.025 min

Lab File: BG061566.D

Acq: 8 Jun 2024 15:32

Tgt Ion:	276	Resp:	22531
Ion Ratio	Lower	Upper	
276	100		
138	17.4	8.7	13.1
277	24.3	18.2	27.2

