

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061911.D
 Acq On : 6 Jul 2024 1:14
 Operator : MA/JU
 Sample : P2982-25
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT8

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 02:47:05 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	8.094	152	35814	20.000	ng/ul	0.00
20) Naphthalene-d8	10.909	136	177793	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	131663	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.460	188	303038	20.000	ng/ul	0.00
79) Chrysene-d12	21.714	240	265428	20.000	ng/ul	#-0.01
88) Perylene-d12	24.957	264	321217	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	3443m	3.613	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.242	99	100177	25.560	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.419	67	60923	24.546	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	72186	26.850	ng/ul	0.00
15) 4-Methylphenol-d8	8.794	113	71336	23.117	ng/ul	0.00
21) Nitrobenzene-d5	9.264	128	41132	30.419	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	46642	30.205	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	86122	28.915	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.044	131	43785m	10.126	ng/ul	0.00
46) Dimethylphthalate-d6	14.117	166	303508	28.039	ng/ul	0.00
49) Acenaphthylene-d8	14.411	160	336585	29.737	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	37318	21.588	ng/ul	0.00
60) Fluorene-d10	15.703	176	268896	29.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	43551	27.365	ng/ul	-0.01
73) Anthracene-d10	17.554	188	412196	29.134	ng/ul	0.00
81) Pyrene-d10	19.834	212	420724	26.948	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.734	264	323903	20.332	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.501	178	40578	2.540	ng/ul	98
80) Fluoranthene	19.499	202	110582	5.985	ng/ul#	95
82) Pyrene	19.863	202	78937	4.136	ng/ul	98
85) Benzo(a)anthracene	21.696	228	48137	2.505	ng/ul	99
87) Chrysene	21.761	228	62817	3.492	ng/ul	96
90) Benzo(b)fluoranthene	23.923	252	93444	4.617	ng/ul#	88
91) Benzo(k)fluoranthene	23.982	252	35833m	1.776	ng/ul	
93) Benzo(a)pyrene	24.792	252	34241	1.787	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.647	276	40413m	1.650	ng/ul	

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

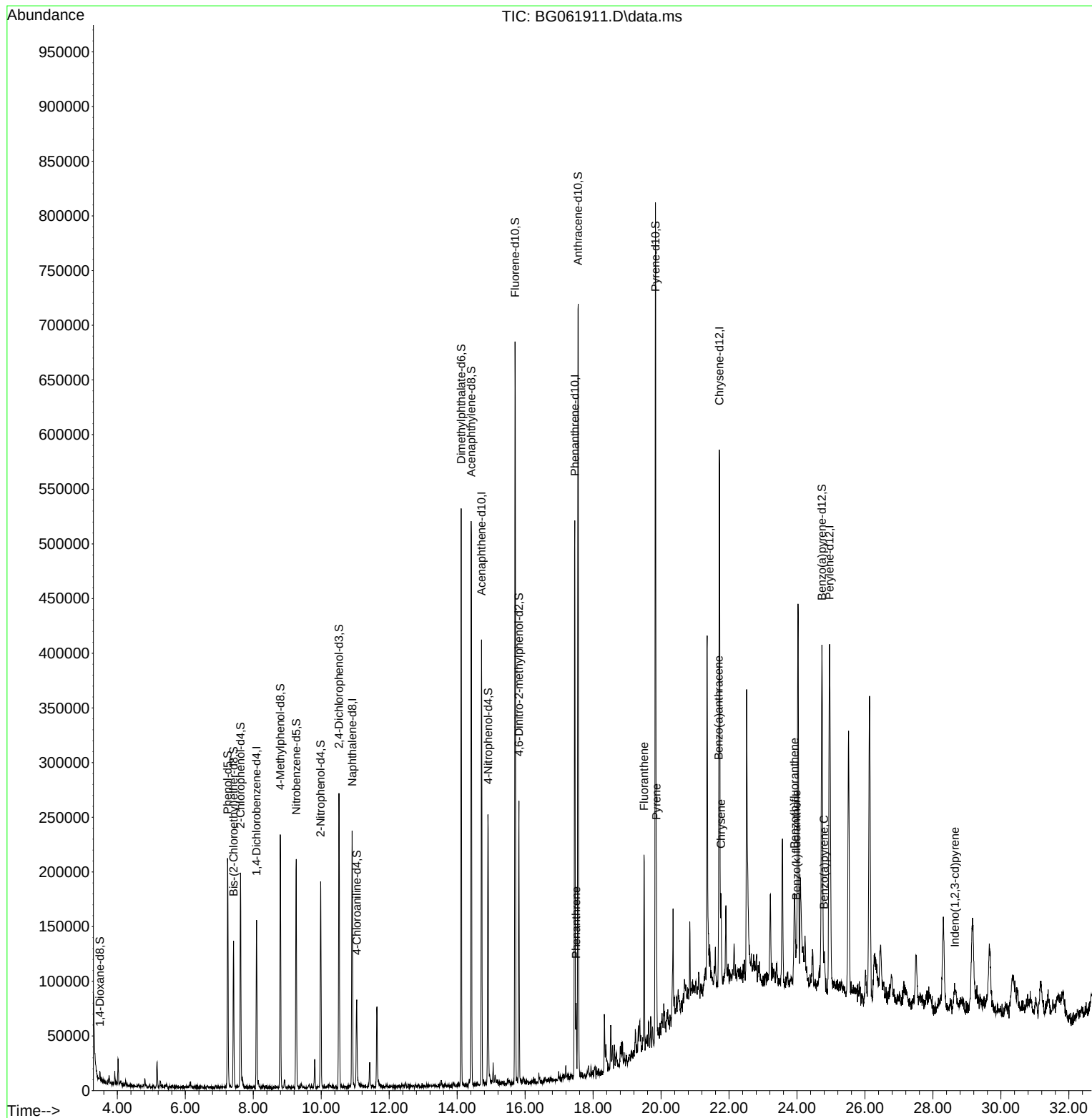
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061911.D
Acq On : 6 Jul 2024 1:14
Operator : MA/JU
Sample : P2982-25
Misc :
ALS Vial : 20 Sample Multiplier: 1

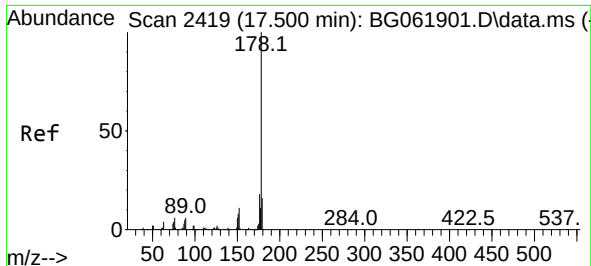
Instrument :
BNA_G
ClientSampleId :
A4CT8

Quant Time: Jul 06 02:47:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
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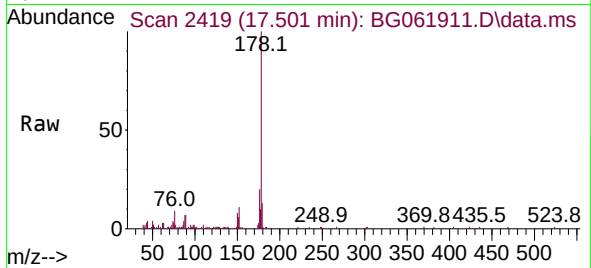
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024





#72
Phenanthrene
Concen: 2.540 ng/ul
RT: 17.501 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG061911.D
Acq: 6 Jul 2024 1:14

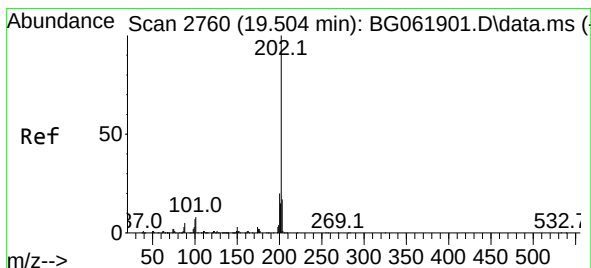
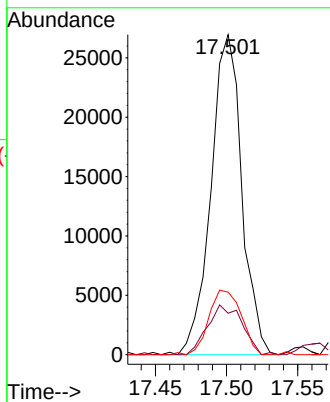
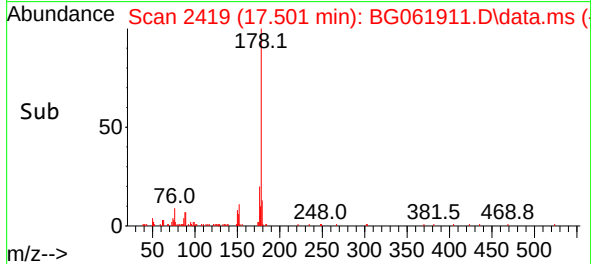
Instrument :
BNA_G
ClientSampleId :
A4CT8



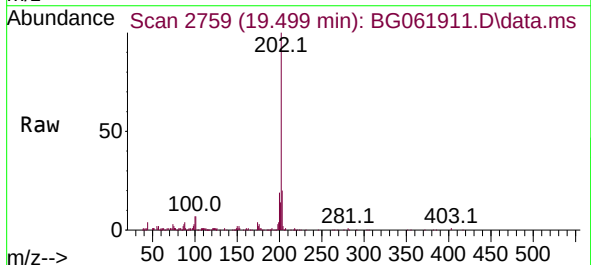
Tgt Ion:178 Resp: 40578
Ion Ratio Lower Upper
178 100
179 13.0 11.9 17.9
176 19.5 15.5 23.3

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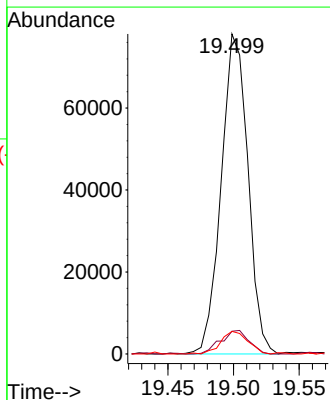
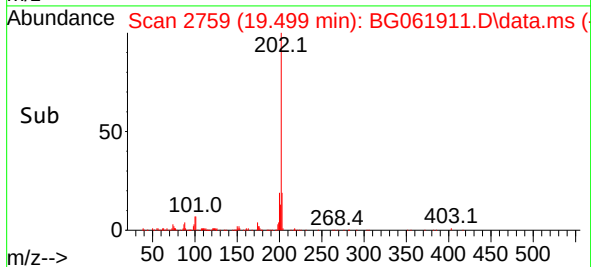
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024

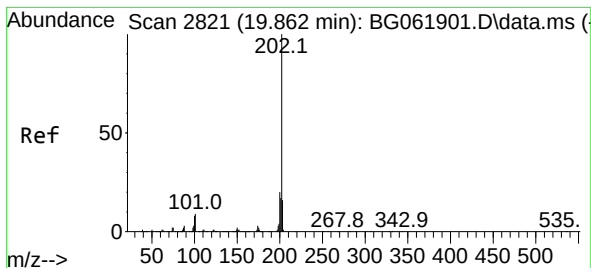


#80
Fluoranthene
Concen: 5.985 ng/ul
RT: 19.499 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BG061911.D
Acq: 6 Jul 2024 1:14



Tgt Ion:202 Resp: 110582
Ion Ratio Lower Upper
202 100
101 7.1 7.4 11.2#
100 7.1 6.6 10.0





#82

Pyrene

Concen: 4.136 ng/ul

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG061911.D

Acq: 6 Jul 2024 1:14

Instrument :

BNA_G

ClientSampleId :

A4CT8

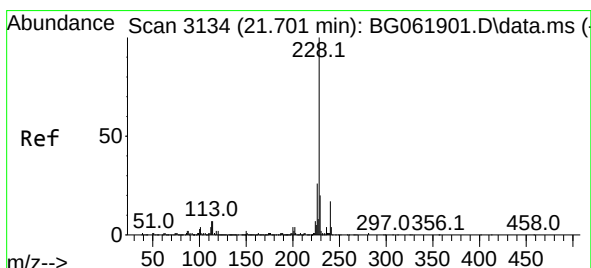
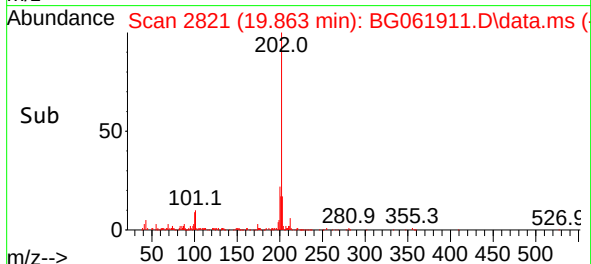
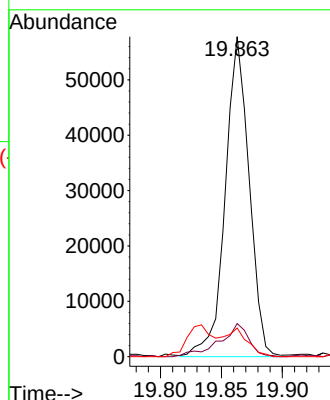
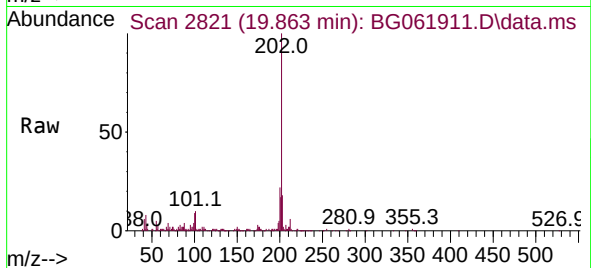
Tgt Ion:	202	Resp:	7893
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.8	13.2
100	9.0	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 2.505 ng/ul

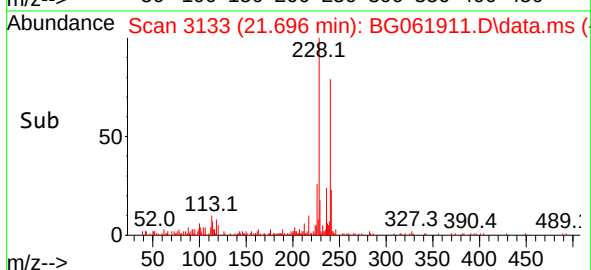
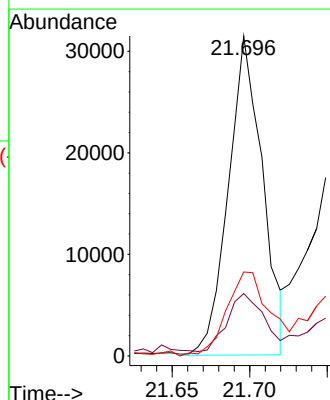
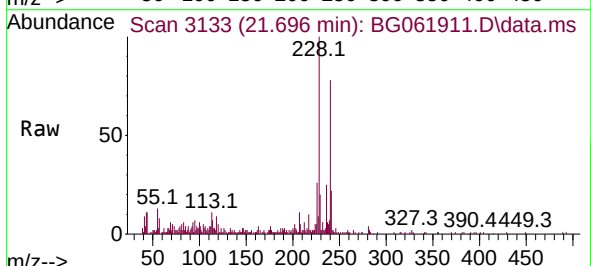
RT: 21.696 min Scan# 3133

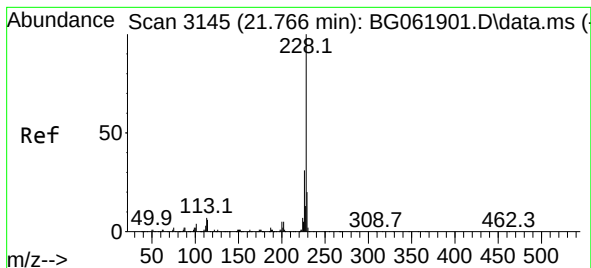
Delta R.T. -0.006 min

Lab File: BG061911.D

Acq: 6 Jul 2024 1:14

Tgt Ion:	228	Resp:	48137
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.7	23.5
226	26.3	21.7	32.5





#87

Chrysene

Concen: 3.492 ng/ul

RT: 21.761 min Scan# 3145

Delta R.T. -0.011 min

Lab File: BG061911.D

Acq: 6 Jul 2024 1:14

Instrument :

BNA_G

ClientSampleId :

A4CT8

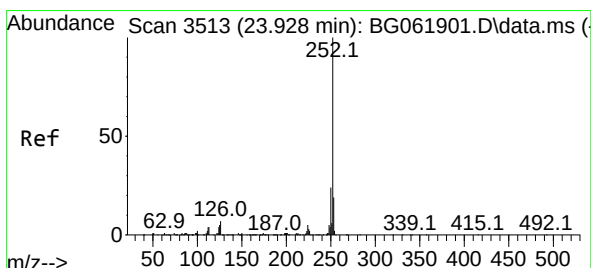
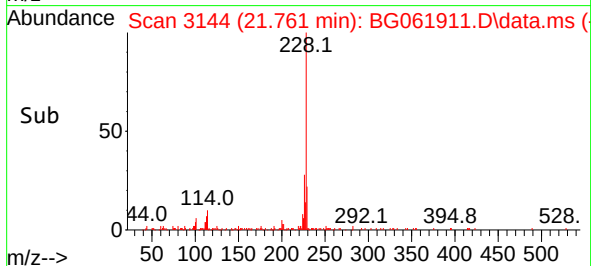
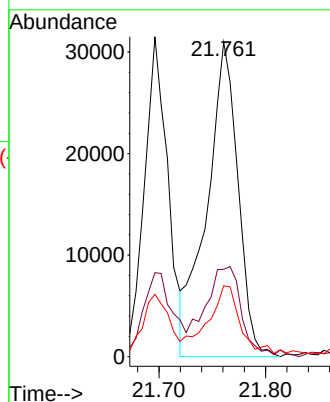
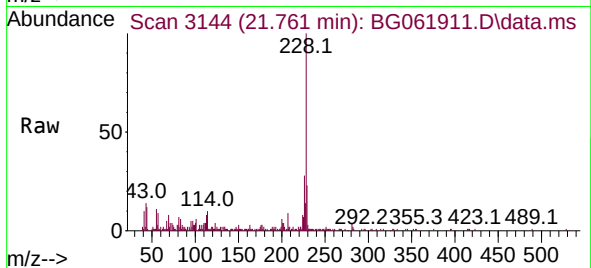
Tgt Ion:228	Resp: 6281
Ion Ratio	Lower Upper
228 100	
226 27.8	23.3 34.9
229 22.5	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 4.617 ng/ul

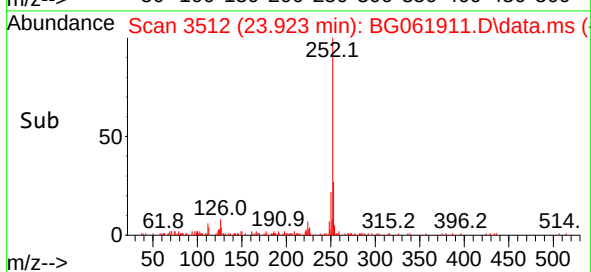
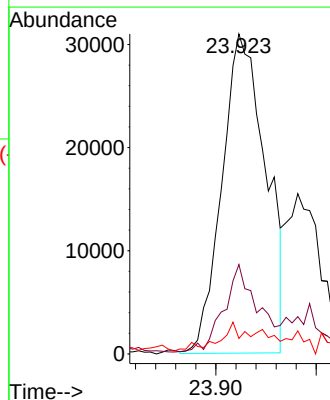
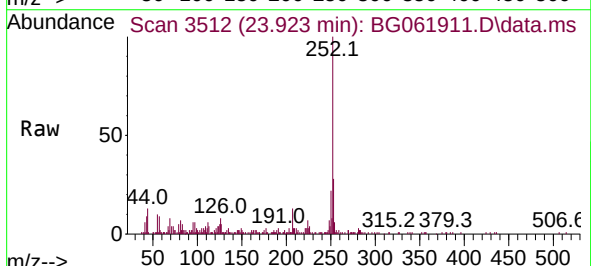
RT: 23.923 min Scan# 3512

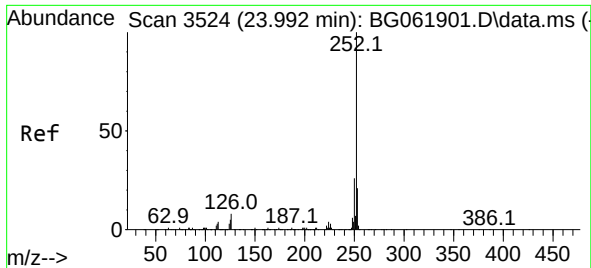
Delta R.T. -0.011 min

Lab File: BG061911.D

Acq: 6 Jul 2024 1:14

Tgt Ion:252	Resp: 93444
Ion Ratio	Lower Upper
252 100	
253 27.9	17.2 25.8#
125 4.8	6.1 9.1#





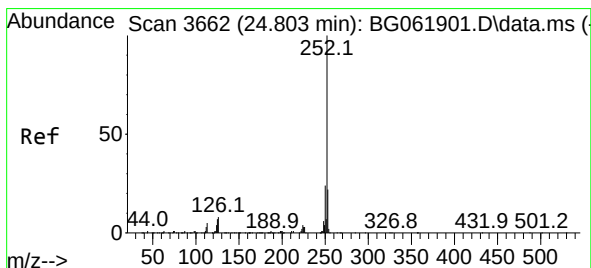
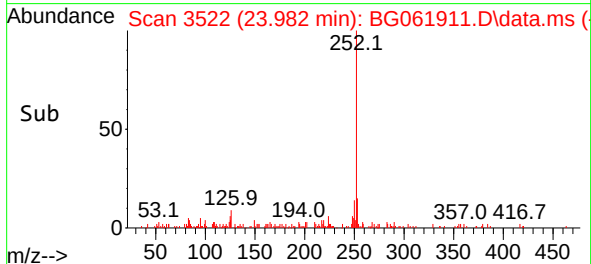
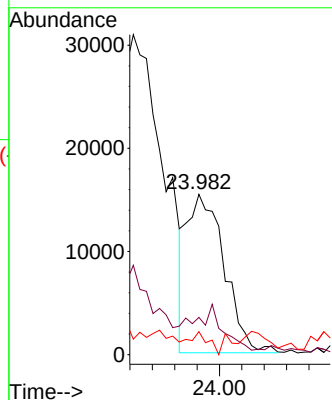
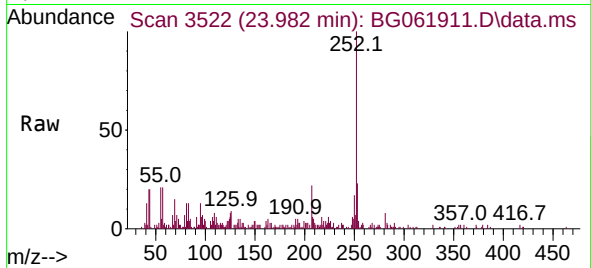
#91
Benzo(k)fluoranthene
Concen: 1.776 ng/ul m
RT: 23.982 min Scan# 3524
Delta R.T. -0.023 min
Lab File: BG061911.D
Acq: 6 Jul 2024 1:14

Instrument :
BNA_G
ClientSampleId :
A4CT8

Tgt Ion:252 Resp: 3583
Ion Ratio Lower Upper
252 100
253 23.3 19.3 28.9
125 8.0 6.3 9.5

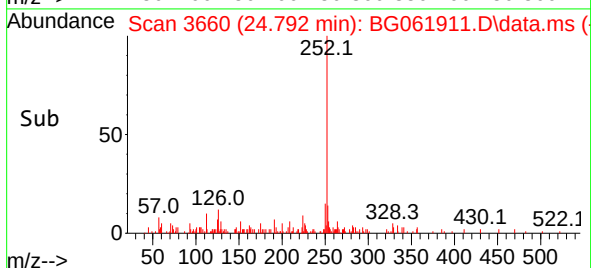
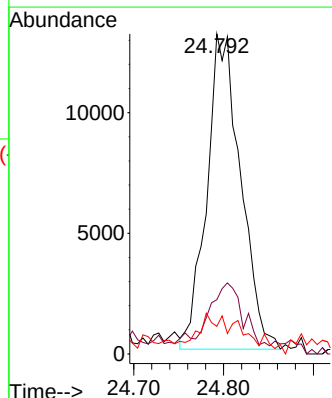
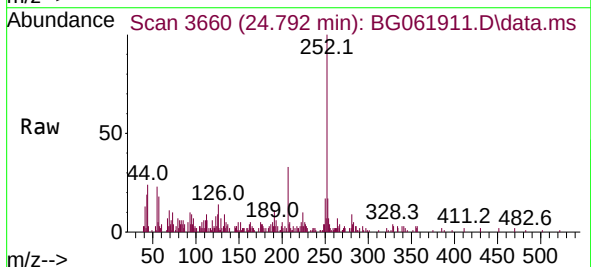
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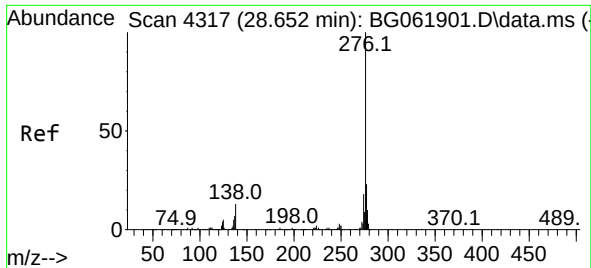
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



#93
Benzo(a)pyrene
Concen: 1.787 ng/ul
RT: 24.792 min Scan# 3660
Delta R.T. -0.023 min
Lab File: BG061911.D
Acq: 6 Jul 2024 1:14

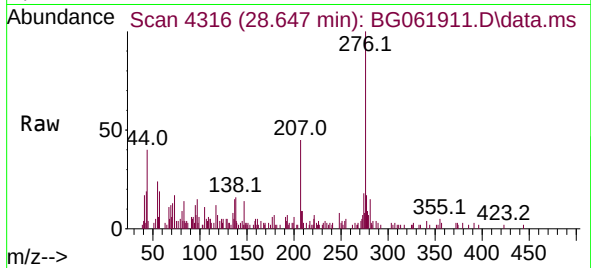
Tgt Ion:252 Resp: 34241
Ion Ratio Lower Upper
252 100
253 17.0 16.5 24.7
125 8.6 7.4 11.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.650 ng/ul m
 RT: 28.647 min Scan# 4316
 Delta R.T. -0.017 min
 Lab File: BG061911.D
 Acq: 6 Jul 2024 1:14

Instrument :
 BNA_G
 ClientSampleId :
 A4CT8



Tgt Ion: 276 Resp: 4041

Ion	Ratio	Lower	Upper
276	100		
138	15.6	11.9	17.9
277	17.3	19.3	28.9

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