

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061910.D
 Acq On : 6 Jul 2024 00:33
 Operator : MA/JU
 Sample : P2982-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CG0

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 02:27:06 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	8.095	152	43707	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	223633	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.717	164	159662	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.455	188	365448	20.000	ng/u1	0.00
79) Chrysene-d12	21.721	240	322362	20.000	ng/u1	# 0.00
88) Perylene-d12	24.958	264	391655	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.483	96	2409m	2.071	ng/uL	0.00
4) Pyridine-d5	3.906	84	36111	10.097	ng/u1	0.00
7) Phenol-d5	7.243	99	78247	16.359	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.414	67	47925	15.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.625	132	58163	17.727	ng/u1	0.00
15) 4-Methylphenol-d8	8.795	113	61344	16.289	ng/u1	0.00
21) Nitrobenzene-d5	9.265	128	30698	18.049	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	36655	18.872	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	64985	17.346	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	78325	14.401	ng/u1	0.00
46) Dimethylphthalate-d6	14.118	166	236084	17.985	ng/u1	0.00
49) Acenaphthylene-d8	14.412	160	260564	18.984	ng/u1	0.00
54) 4-Nitrophenol-d4	14.905	143	34744	16.575	ng/u1	-0.01
60) Fluorene-d10	15.704	176	208196	18.841	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	32241	16.799	ng/u1	-0.01
73) Anthracene-d10	17.555	188	311326	18.247	ng/u1	0.00
81) Pyrene-d10	19.835	212	362563	19.122	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.729	264	370074	19.052	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.502	178	43968	2.282	ng/u1	97
80) Fluoranthene	19.500	202	95840	4.271	ng/u1#	97
82) Pyrene	19.864	202	85787	3.701	ng/u1#	94
85) Benzo(a)anthracene	21.697	228	51286m	2.197	ng/u1	
87) Chrysene	21.762	228	41441m	1.897	ng/u1	
90) Benzo(b)fluoranthene	23.924	252	61640m	2.498	ng/u1	
93) Benzo(a)pyrene	24.799	252	44307	1.896	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.636	276	30824m	1.032	ng/u1	
96) Benzo(g,h,i)perylene	29.782	276	29449m	1.240	ng/u1	

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

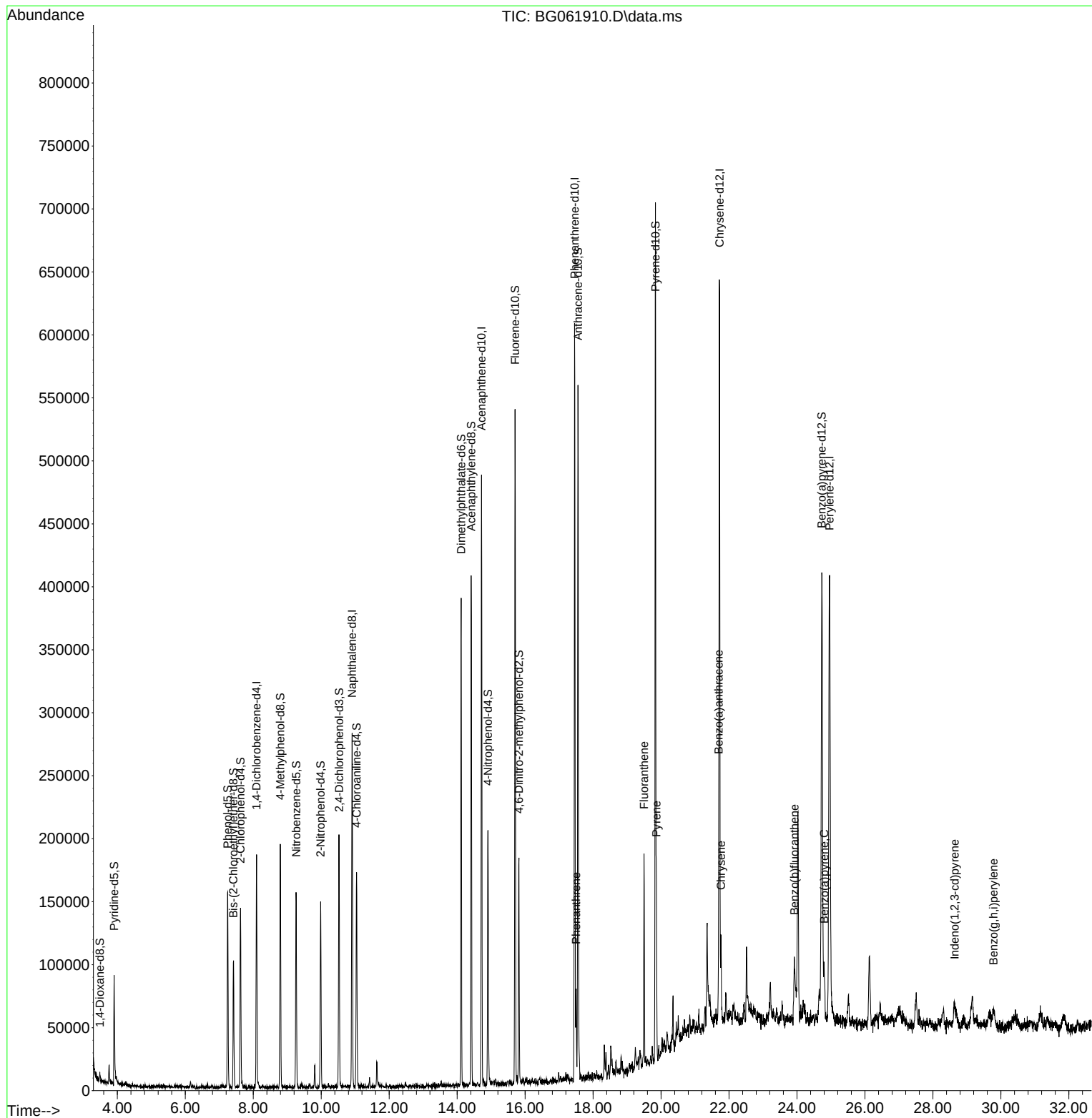
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061910.D
Acq On : 6 Jul 2024 00:33
Operator : MA/JU
Sample : P2982-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

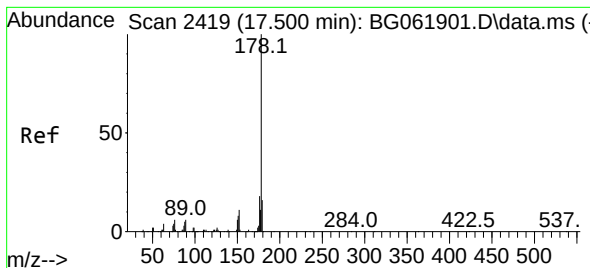
Instrument :
BNA_G
ClientSampleId :
A4CG0

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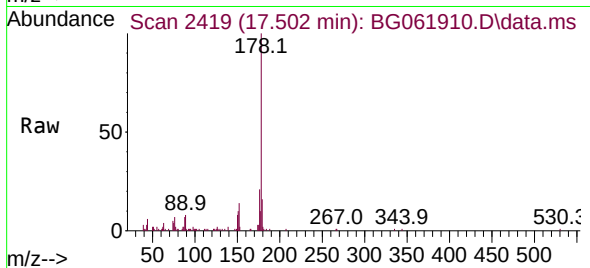
Quant Time: Jul 06 02:27:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.282 ng/ul
RT: 17.502 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BG061910.D
Acq: 6 Jul 2024 00:33

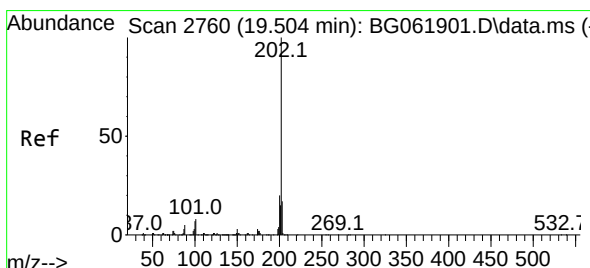
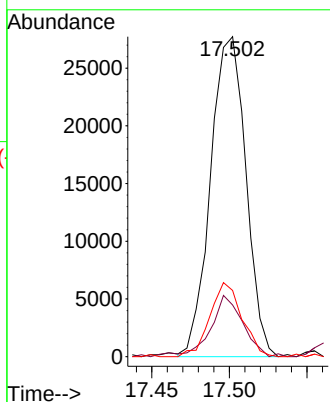
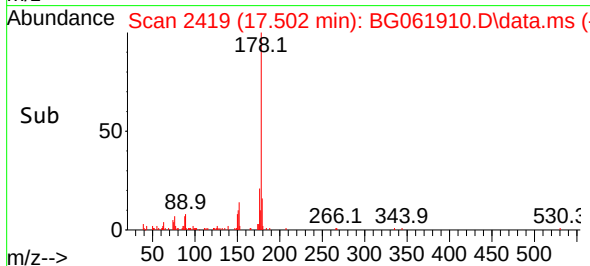
Instrument :
BNA_G
ClientSampleId :
A4CG0



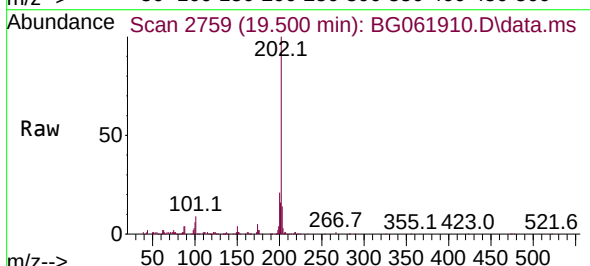
Tgt Ion:178 Resp: 43968
Ion Ratio Lower Upper
178 100
179 16.2 11.9 17.9
176 20.7 15.5 23.3

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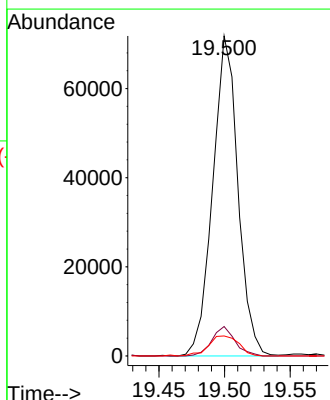
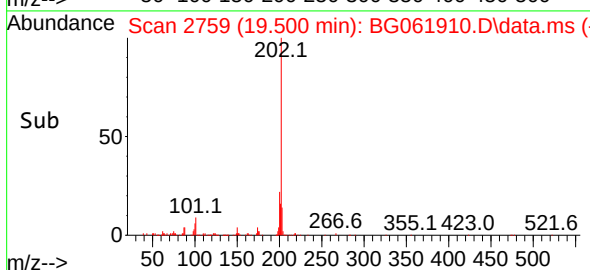
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024

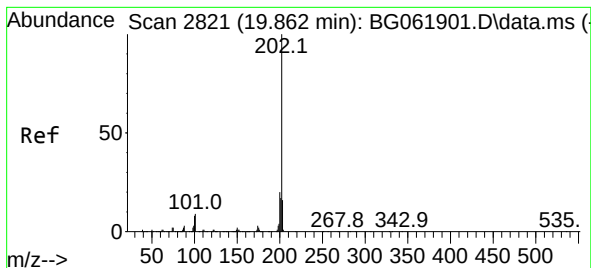


#80
Fluoranthene
Concen: 4.271 ng/ul
RT: 19.500 min Scan# 2759
Delta R.T. -0.005 min
Lab File: BG061910.D
Acq: 6 Jul 2024 00:33



Tgt Ion:202 Resp: 95840
Ion Ratio Lower Upper
202 100
101 9.2 7.4 11.2
100 6.3 6.6 10.0#





#82

Pyrene

Concen: 3.701 ng/ul

RT: 19.864 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG061910.D

Acq: 6 Jul 2024 00:33

Instrument :

BNA_G

ClientSampleId :

A4CG0

Tgt Ion:202 Resp: 8578

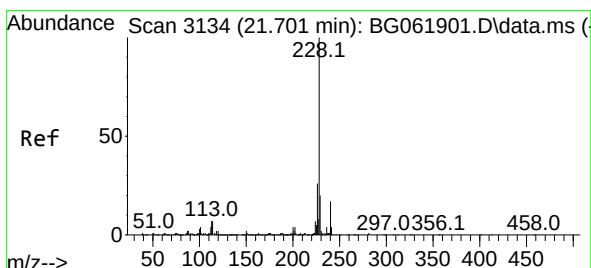
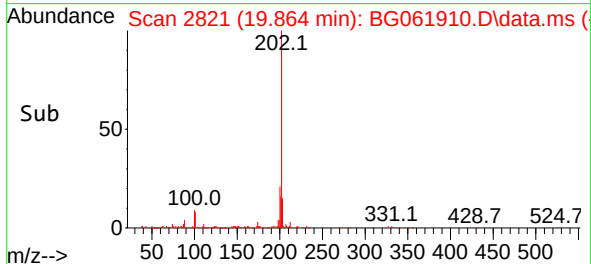
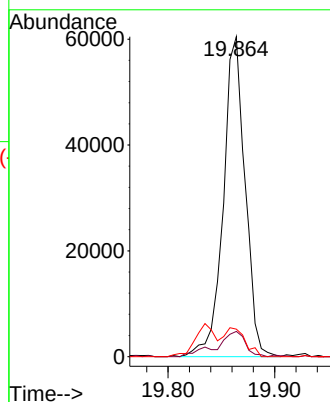
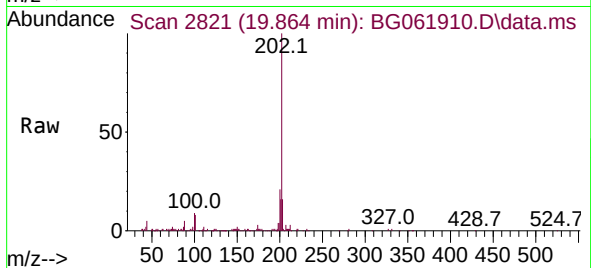
Ion	Ratio	Lower	Upper
202	100		
101	7.9	8.8	13.2
100	8.6	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 2.197 ng/ul m

RT: 21.697 min Scan# 3133

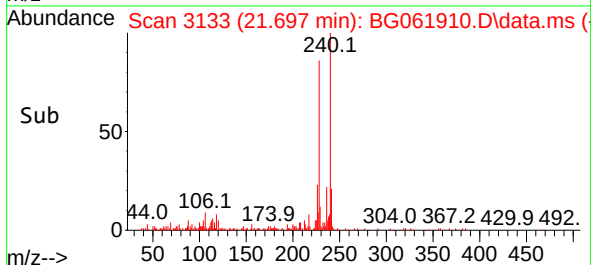
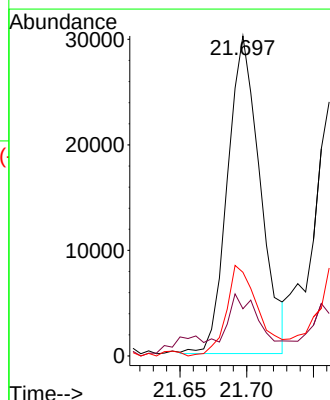
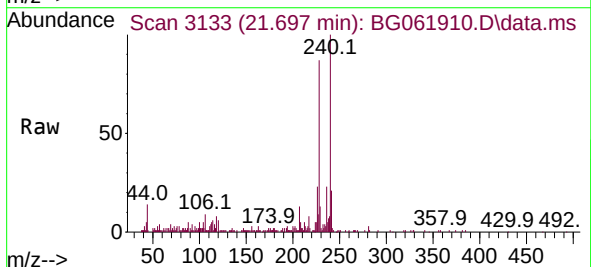
Delta R.T. -0.005 min

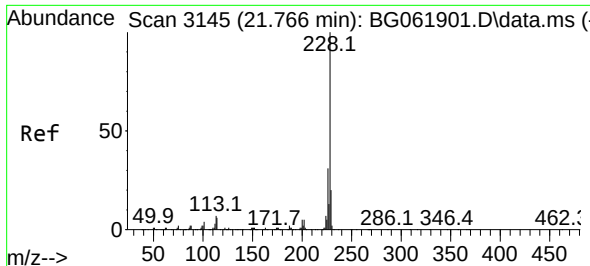
Lab File: BG061910.D

Acq: 6 Jul 2024 00:33

Tgt Ion:228 Resp: 51286

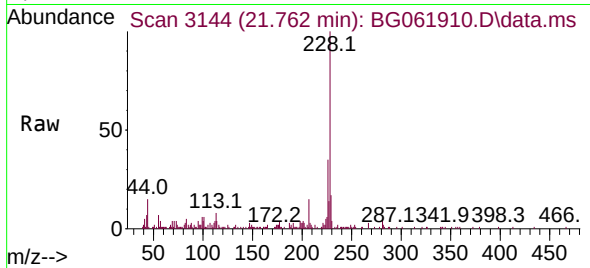
Ion	Ratio	Lower	Upper
228	100		
229	14.8	15.7	23.5
226	26.1	21.7	32.5





#87
Chrysene
Concen: 1.897 ng/ul m
RT: 21.762 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BG061910.D
Acq: 6 Jul 2024 00:33

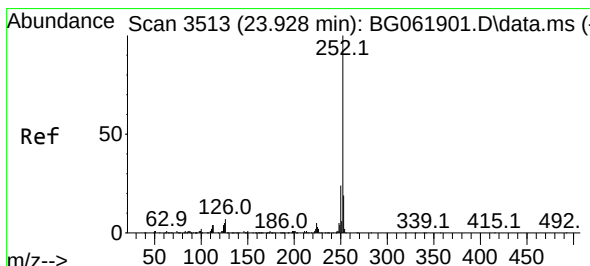
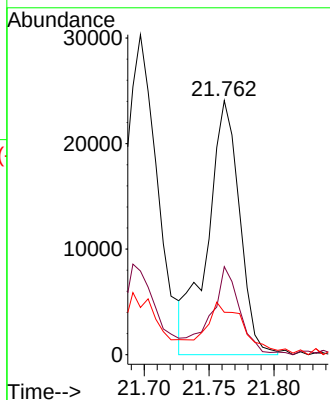
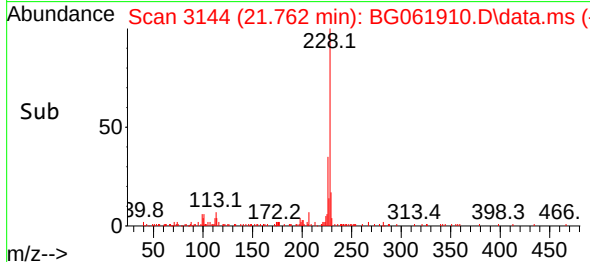
Instrument :
BNA_G
ClientSampleId :
A4CG0



Tgt Ion:228 Resp: 4144
Ion Ratio Lower Upper
228 100
226 34.6 23.3 34.9
229 16.7 15.5 23.3

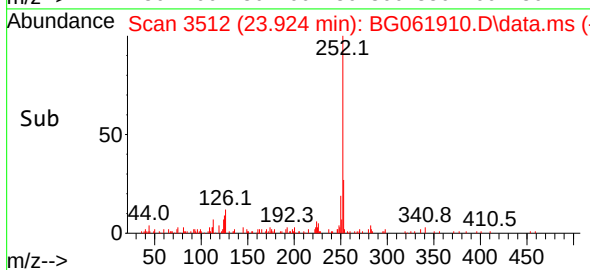
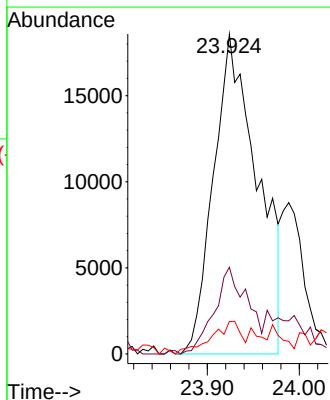
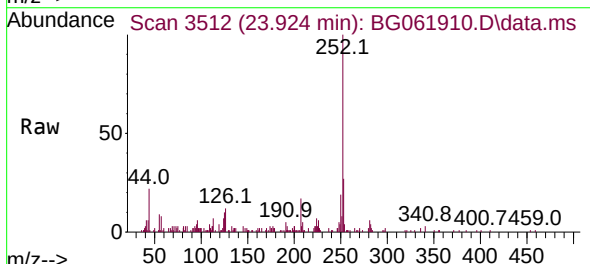
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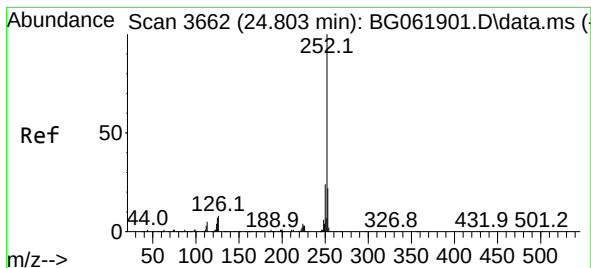
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



#90
Benzo(b)fluoranthene
Concen: 2.498 ng/ul m
RT: 23.924 min Scan# 3512
Delta R.T. -0.010 min
Lab File: BG061910.D
Acq: 6 Jul 2024 00:33

Tgt Ion:252 Resp: 61640
Ion Ratio Lower Upper
252 100
253 27.1 17.2 25.8#
125 10.2 6.1 9.1#





#93

Benzo(a)pyrene

Concen: 1.896 ng/ul

RT: 24.799 min Scan# 3

Delta R.T. -0.016 min

Lab File: BG061910.D

Acq: 6 Jul 2024 00:33

Instrument :

BNA_G

ClientSampleId :

A4CG0

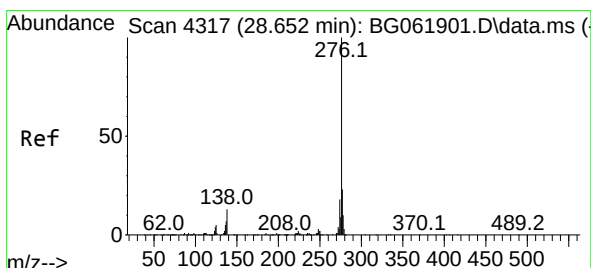
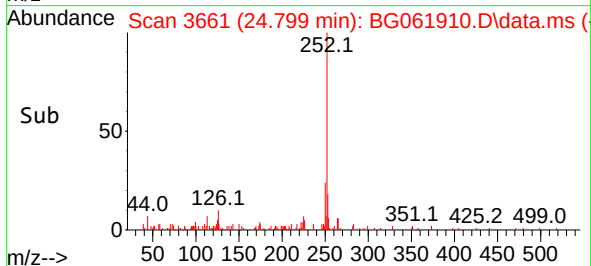
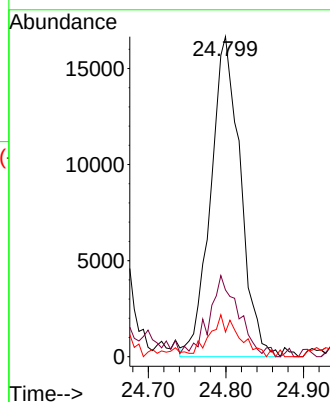
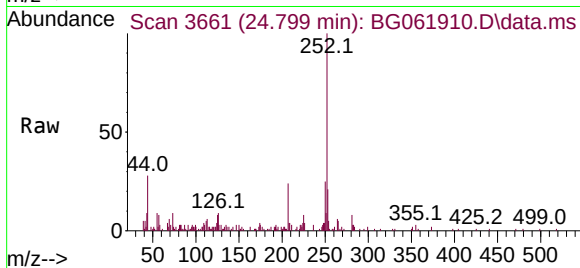
Tgt Ion:	252	Resp:	4430
Ion Ratio	Lower	Upper	
252	100		
253	20.8	16.5	24.7
125	7.7	7.4	11.2

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.032 ng/ul m

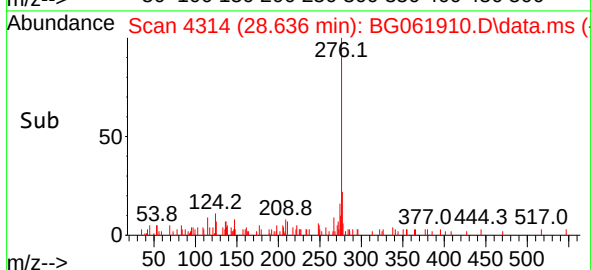
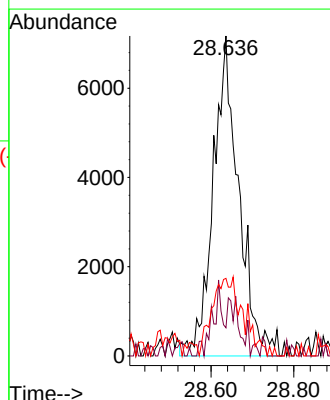
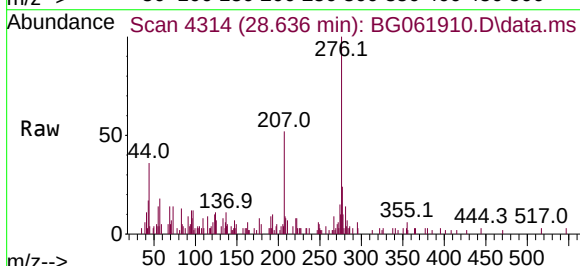
RT: 28.636 min Scan# 4314

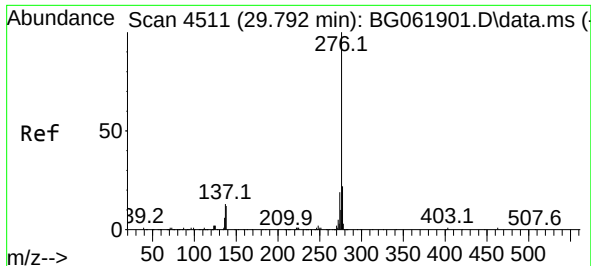
Delta R.T. -0.028 min

Lab File: BG061910.D

Acq: 6 Jul 2024 00:33

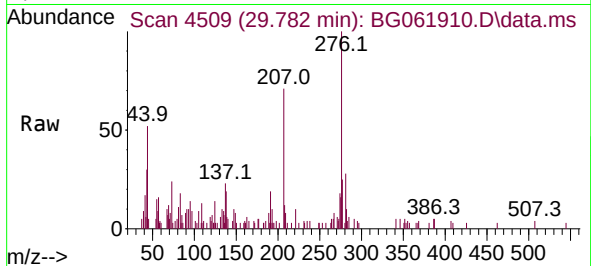
Tgt Ion:	276	Resp:	30824
Ion Ratio	Lower	Upper	
276	100		
138	5.0	11.9	17.9#
277	24.3	19.3	28.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.240 ng/ul m
 RT: 29.782 min Scan# 4511
 Delta R.T. -0.046 min
 Lab File: BG061910.D
 Acq: 6 Jul 2024 00:33

Instrument :
 BNA_G
 ClientSampleId :
 A4CG0



Tgt Ion:276 Resp: 29449
 Ion Ratio Lower Upper
 276 100
 138 18.8 11.1 16.7
 277 24.7 18.8 28.2

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