

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
 Data File : BG059046.D
 Acq On : 13 Sep 2023 18:43
 Operator : MA/JU
 Sample : 04175-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYW5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 14 01:36:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:54:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	87654	20.000	ng/u1	0.00
20) Naphthalene-d8	11.145	136	402401	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.929	164	326067	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.684	188	897289	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.009	240	802760	20.000	ng/u1	0.00
88) Perylene-d12	25.563	264	903896	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.619	96	1992	0.966	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.414	99	113358	12.825	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.620	67	63654	12.281	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.819	132	77233	13.624	ng/u1	0.00
15) 4-Methylphenol-d8	8.983	113	79811	11.687	ng/u1	-0.01
21) Nitrobenzene-d5	9.494	128	42363	14.514	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.217	143	50937	15.904	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.740	165	98054	14.405	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.286	131	104647	11.432	ng/u1	-0.01
46) Dimethylphthalate-d6	14.324	166	377363	14.920	ng/u1	-0.01
49) Acenaphthylene-d8	14.635	160	388240	13.784	ng/u1	0.00
54) 4-Nitrophenol-d4	15.099	143	44263	10.536	ng/u1	-0.01
60) Fluorene-d10	15.916	176	328647	14.642	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	16.022	200	50319	11.424	ng/u1	-0.01
73) Anthracene-d10	17.778	188	559822	14.054	ng/u1	-0.01
81) Pyrene-d10	20.052	212	688693	16.195	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.311	264	631114	14.243	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	9.147	105	17830	1.575	ng/u1	91
72) Phenanthrene	17.726	178	61535	1.351	ng/u1	98
80) Fluoranthene	19.717	202	126563	2.563	ng/u1#	95
82) Pyrene	20.082	202	107832	2.100	ng/u1#	92
85) Benzo(a)anthracene	21.985	228	73346m	1.362	ng/u1	
87) Chrysene	22.056	228	70341m	1.406	ng/u1	
90) Benzo(b)fluoranthene	24.412	252	97674m	1.814	ng/u1	
93) Benzo(a)pyrene	25.381	252	70989	1.413	ng/u1#	95
96) Benzo(g,h,i)perylene	30.975	276	53249m	1.060	ng/u1	

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

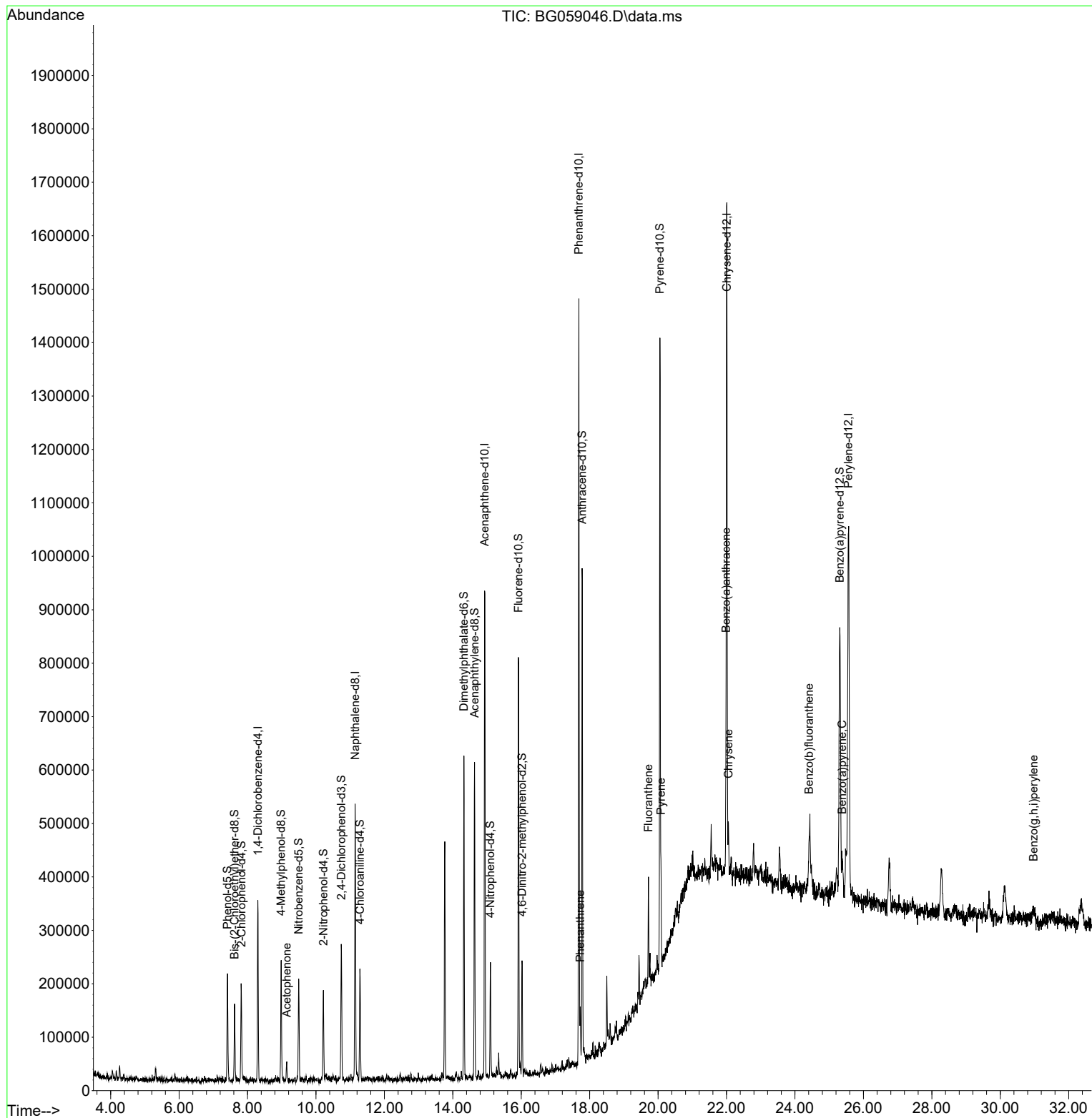
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
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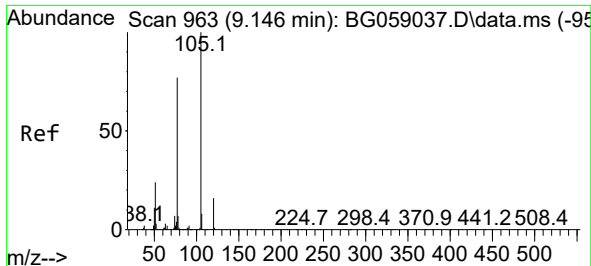
Instrument :
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Quant Time: Sep 14 01:36:19 2023
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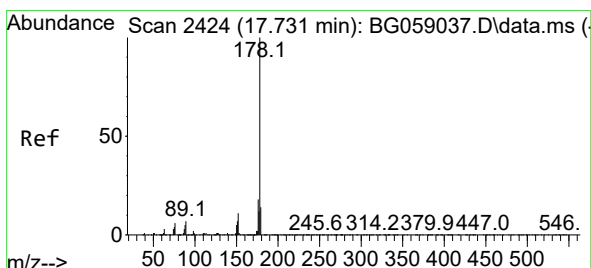
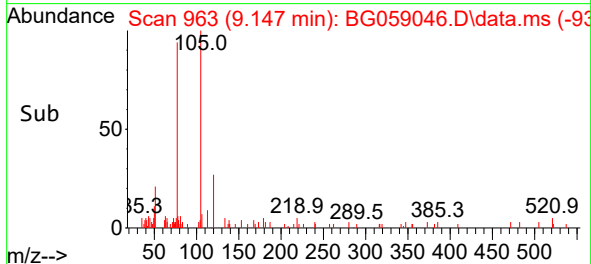
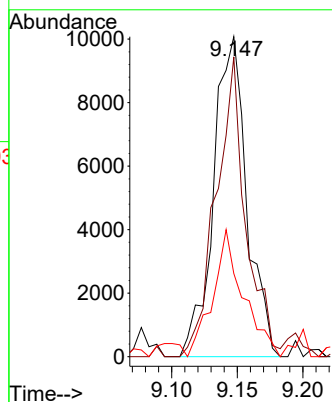
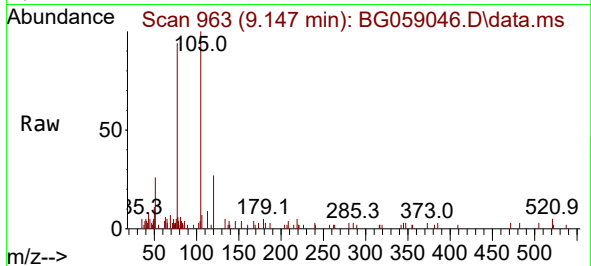
#16
Acetophenone
Concen: 1.575 ng/ul
RT: 9.147 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG059046.D
Acq: 13 Sep 2023 18:43

Instrument :
BNA_G
ClientSampleId :
EZYW5

Tgt Ion:105 Resp: 17830
Ion Ratio Lower Upper
105 100
77 93.7 67.3 100.9
51 26.0 19.3 28.9

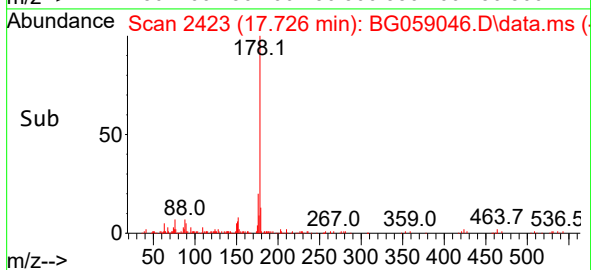
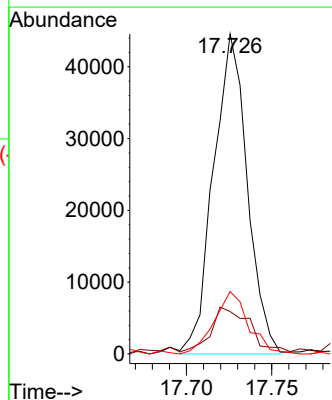
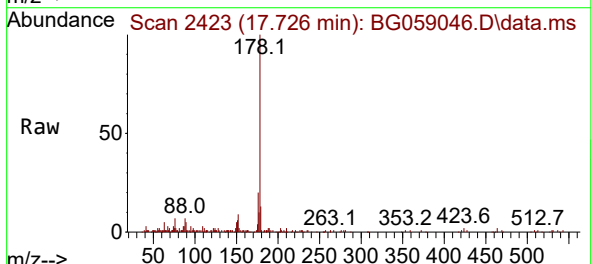
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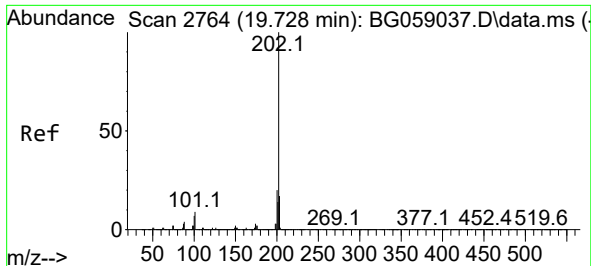
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#72
Phenanthrene
Concen: 1.351 ng/ul
RT: 17.726 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG059046.D
Acq: 13 Sep 2023 18:43

Tgt Ion:178 Resp: 61535
Ion Ratio Lower Upper
178 100
179 13.3 11.8 17.8
176 19.5 15.1 22.7





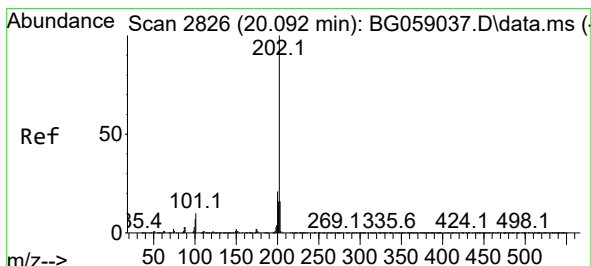
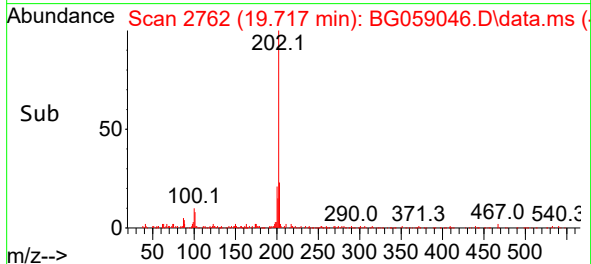
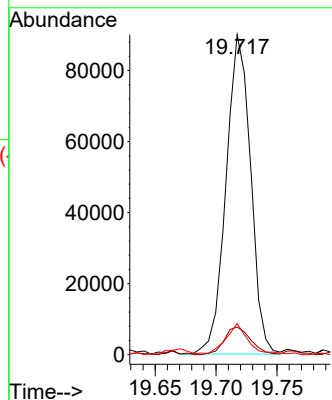
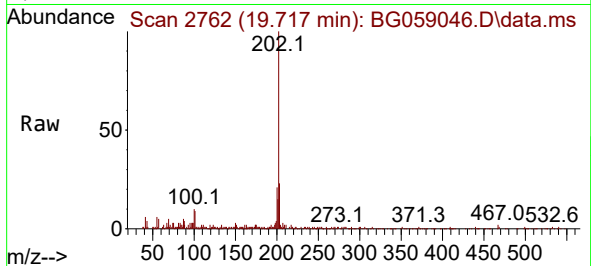
#80
Fluoranthene
Concen: 2.563 ng/ul
RT: 19.717 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG059046.D
Acq: 13 Sep 2023 18:43

Instrument :
BNA_G
ClientSampleId :
EZYW5

Tgt Ion:202 Resp: 12656
Ion Ratio Lower Upper
202 100
101 8.7 6.1 9.1
100 9.7 5.9 8.9

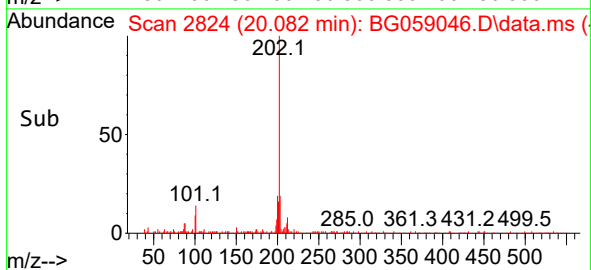
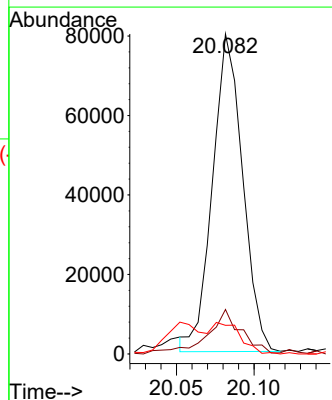
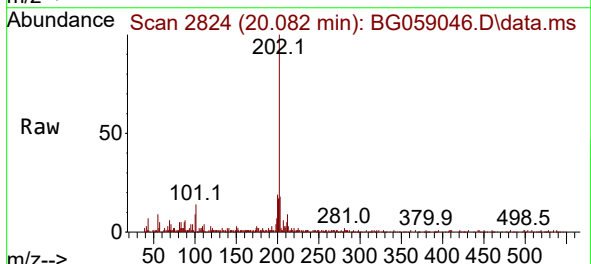
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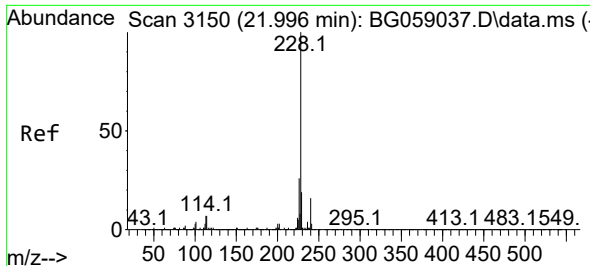
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#82
Pyrene
Concen: 2.100 ng/ul
RT: 20.082 min Scan# 2824
Delta R.T. -0.010 min
Lab File: BG059046.D
Acq: 13 Sep 2023 18:43

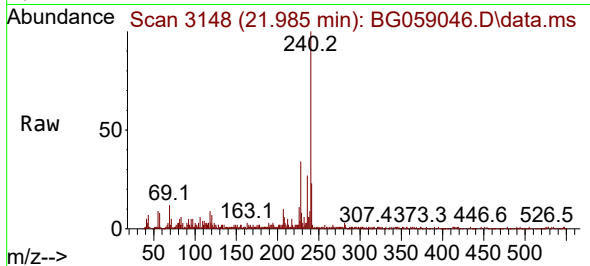
Tgt Ion:202 Resp: 107832
Ion Ratio Lower Upper
202 100
101 13.9 7.5 11.3#
100 8.9 6.3 9.5





#85
Benzo(a)anthracene
Concen: 1.362 ng/ul m
RT: 21.985 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BG059046.D
Acq: 13 Sep 2023 18:43

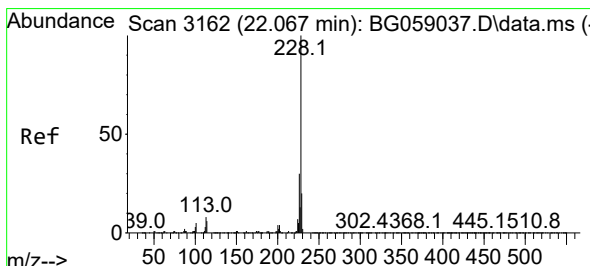
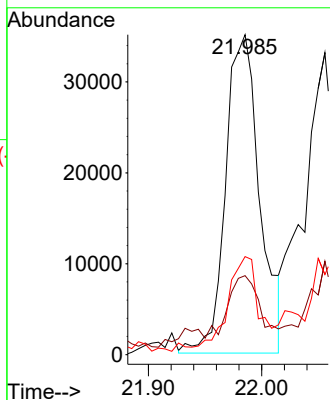
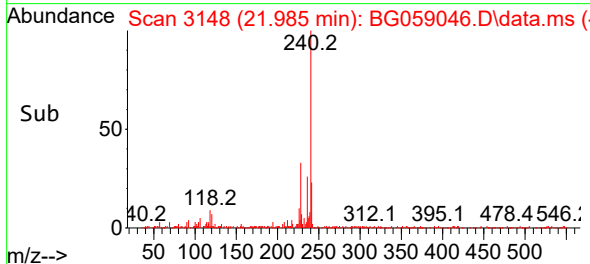
Instrument :
BNA_G
ClientSampleId :
EZYW5



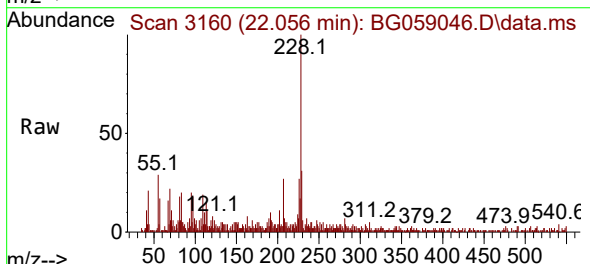
Tgt Ion:228 Resp: 73340
Ion Ratio Lower Upper
228 100
229 24.7 16.0 24.0
226 30.6 20.8 31.2

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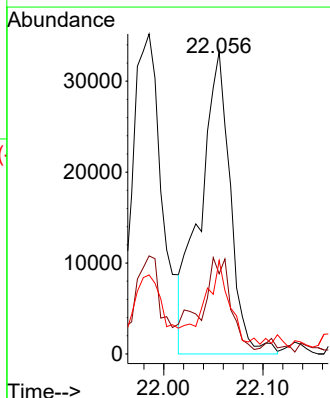
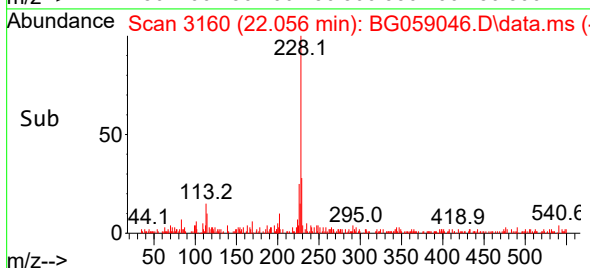
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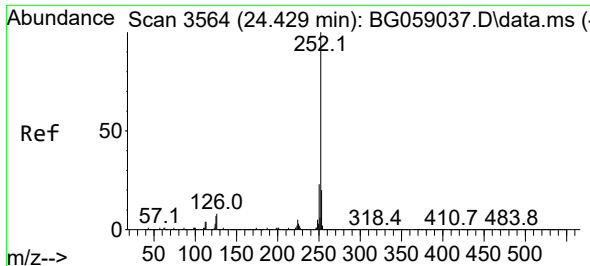


#87
Chrysene
Concen: 1.406 ng/ul m
RT: 22.056 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BG059046.D
Acq: 13 Sep 2023 18:43



Tgt Ion:228 Resp: 70341
Ion Ratio Lower Upper
228 100
226 26.6 23.2 34.8
229 30.9 15.3 22.9





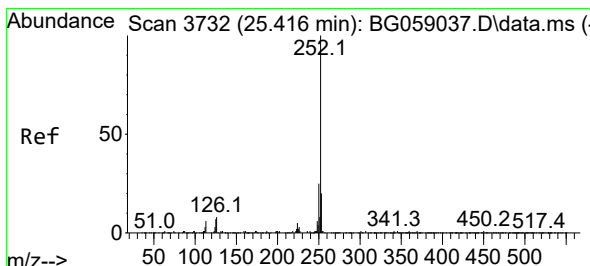
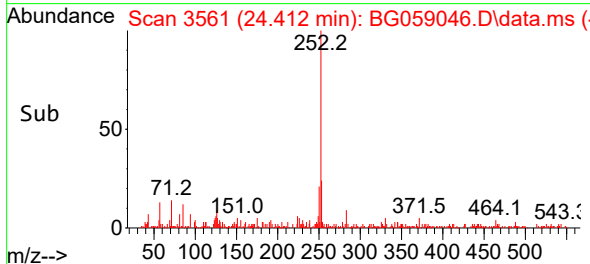
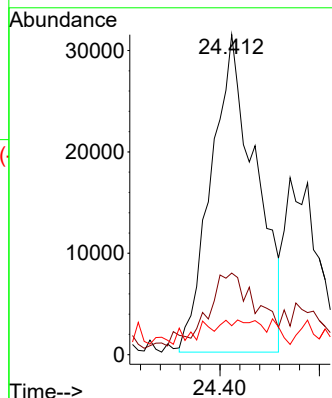
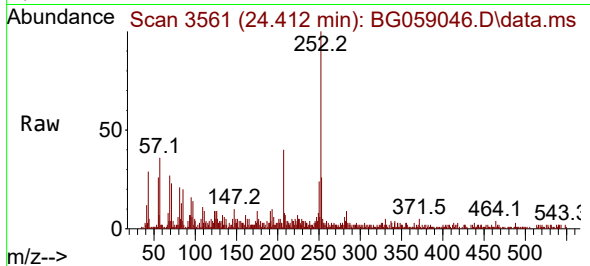
#90
Benzo(b)fluoranthene
Concen: 1.814 ng/ul m
RT: 24.412 min Scan# 3561
Delta R.T. -0.004 min
Lab File: BG059046.D
Acq: 13 Sep 2023 18:43

Instrument : BNA_G
ClientSampleId : EZYW5

Tgt Ion:252 Resp: 97674
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 9.0 6.2 9.2

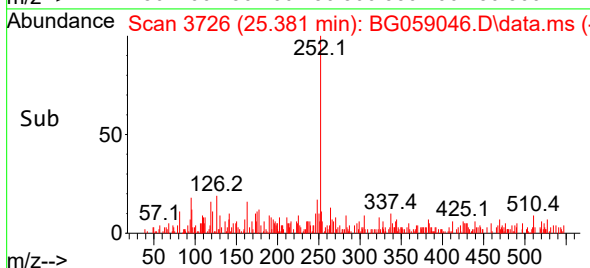
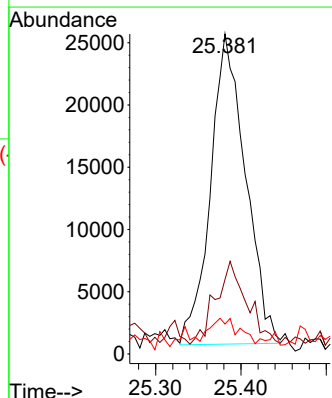
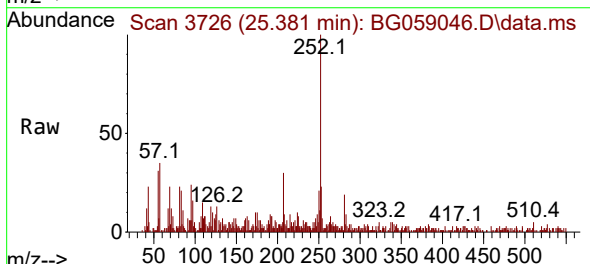
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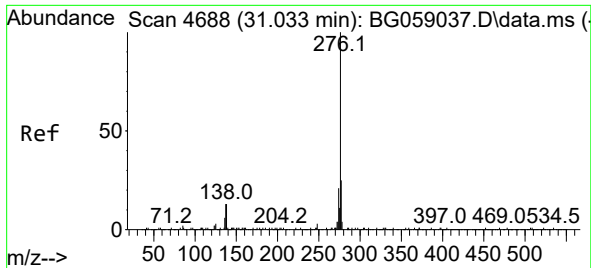
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#93
Benzo(a)pyrene
Concen: 1.413 ng/ul
RT: 25.381 min Scan# 3726
Delta R.T. -0.022 min
Lab File: BG059046.D
Acq: 13 Sep 2023 18:43

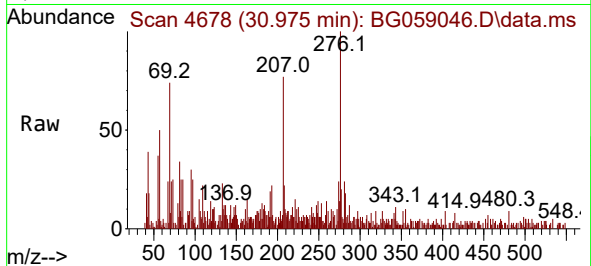
Tgt Ion:252 Resp: 70989
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 9.4 5.3 7.9#





#96
 Benzo(g,h,i)perylene
 Concen: 1.060 ng/ul m
 RT: 30.975 min Scan# 40
 Delta R.T. -0.016 min
 Lab File: BG059046.D
 Acq: 13 Sep 2023 18:43

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion: 276 Resp: 53249
 Ion Ratio Lower Upper
 276 100
 138 7.5 11.4 17.2
 277 20.2 17.4 26.2

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