

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

Instrument :
 BNA_G
 ClientSampleId :
 EZYW5

Quant Time: Sep 14 01:06:23 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)

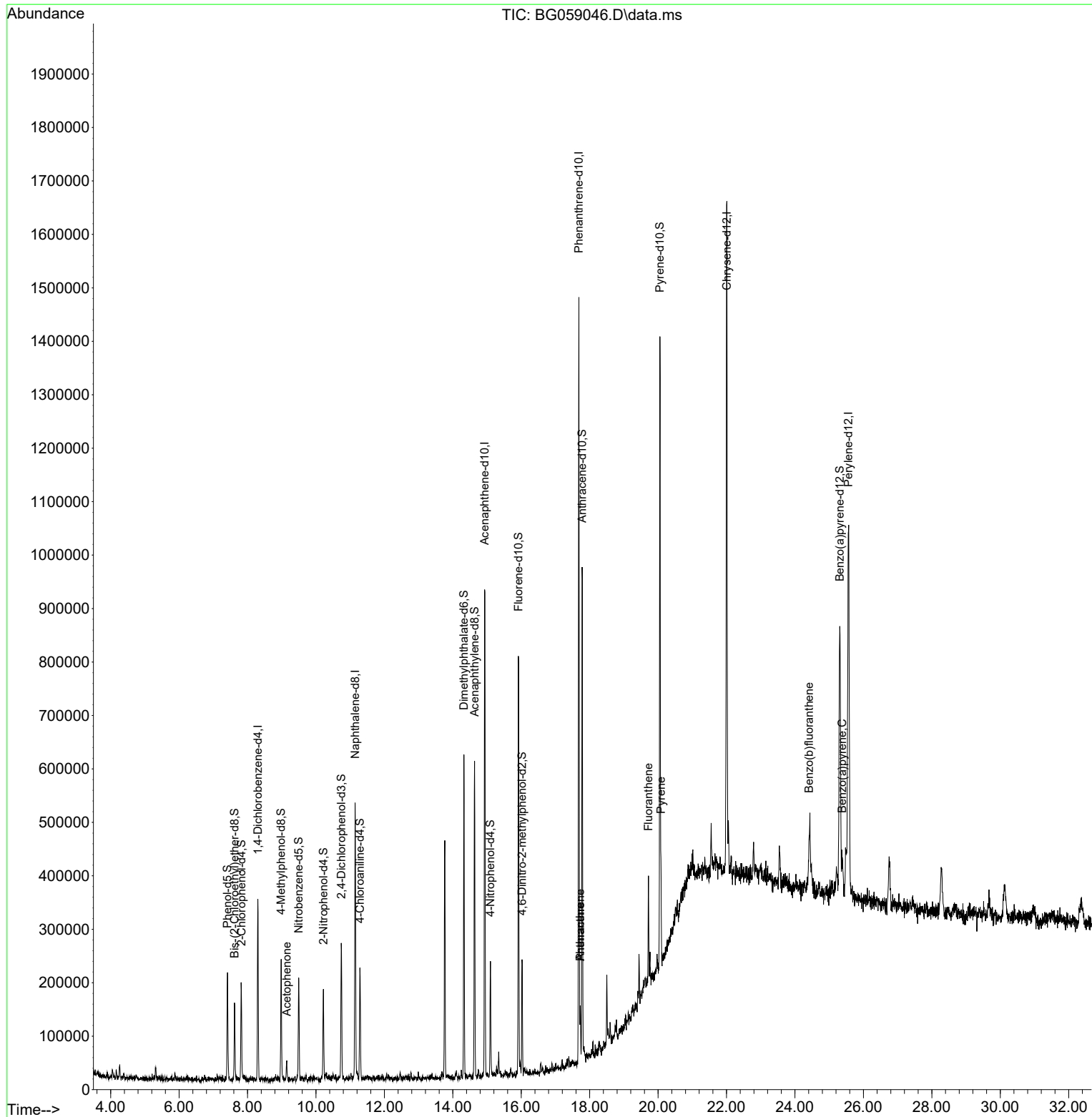
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	87654	20.000	ng/ul	0.00
20) Naphthalene-d8	11.145	136	402401	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.929	164	326067	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.684	188	897289	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.009	240	802760	20.000	ng/ul	0.00
88) Perylene-d12	25.563	264	903896	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.619	96	1992	0.966	ng/uL	-0.01
4) Pyridine-d5	4.053	84	5710	0.875	ng/ul	0.00
7) Phenol-d5	7.414	99	113358	12.825	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.620	67	63654	12.281	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.819	132	77233	13.624	ng/ul	0.00
15) 4-Methylphenol-d8	8.983	113	79811	11.687	ng/ul	-0.01
21) Nitrobenzene-d5	9.494	128	42363	14.514	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.217	143	50937	15.904	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.740	165	98054	14.405	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.286	131	104647	11.432	ng/ul	-0.01
46) Dimethylphthalate-d6	14.324	166	377363	14.920	ng/ul	-0.01
49) Acenaphthylene-d8	14.635	160	388240	13.784	ng/ul	0.00
54) 4-Nitrophenol-d4	15.099	143	44263	10.536	ng/ul	-0.01
60) Fluorene-d10	15.916	176	328647	14.642	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.022	200	50319	11.424	ng/ul	-0.01
73) Anthracene-d10	17.778	188	559822	14.054	ng/ul	-0.01
81) Pyrene-d10	20.052	212	688693	16.195	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.311	264	631114	14.243	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	9.147	105	17830	1.575	ng/ul	91
72) Phenanthrene	17.726	178	61535	1.351	ng/ul	98
74) Anthracene	17.726	178	61535	1.329	ng/ul	96
80) Fluoranthene	19.717	202	126563	2.563	ng/ul#	95
82) Pyrene	20.082	202	107832	2.100	ng/ul#	92
90) Benzo(b)fluoranthene	24.412	252	71449	1.327	ng/ul	94
93) Benzo(a)pyrene	25.381	252	70989	1.413	ng/ul#	95

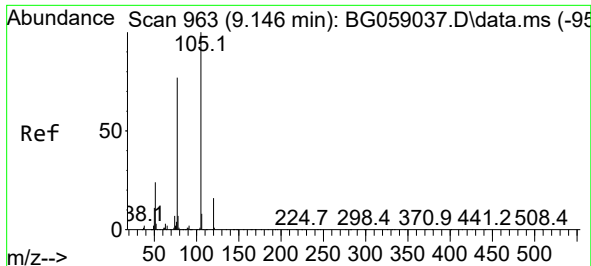
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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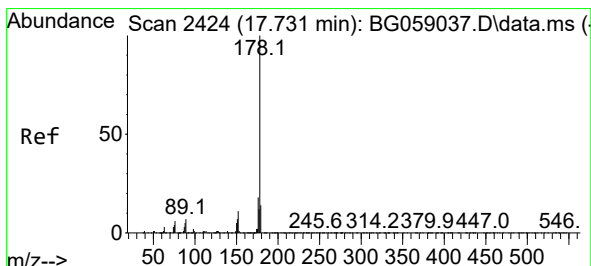
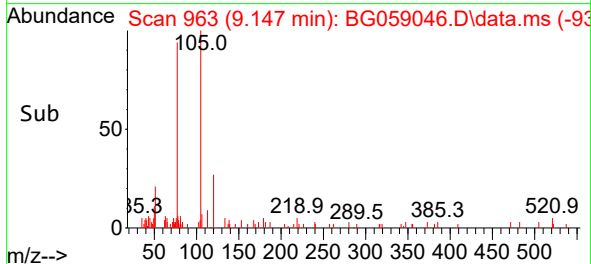
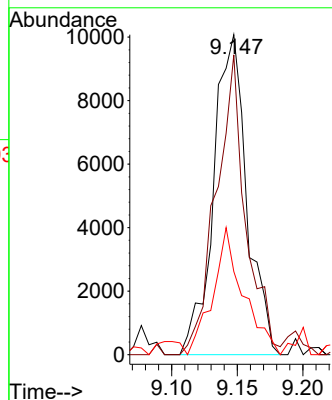
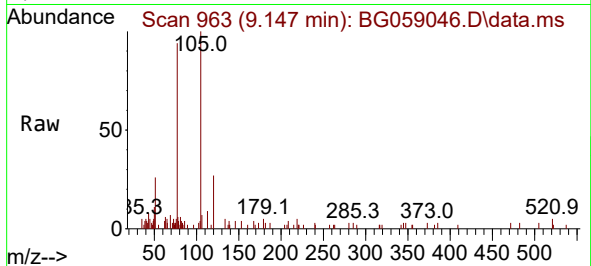




#16
Acetophenone
Concen: 1.575 ng/ul
RT: 9.147 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG059046.D
Acq: 13 Sep 2023 18:43

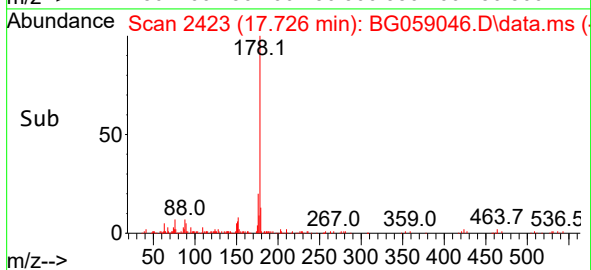
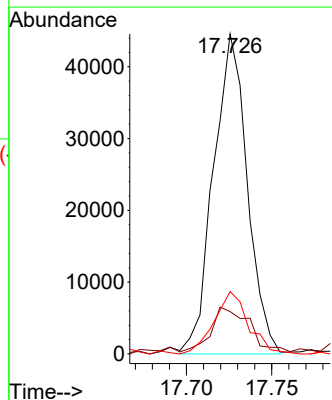
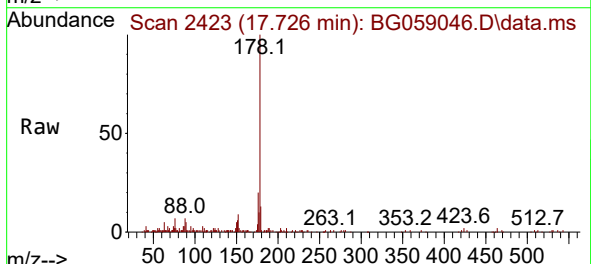
Instrument :
BNA_G
ClientSampleId :
EZYW5

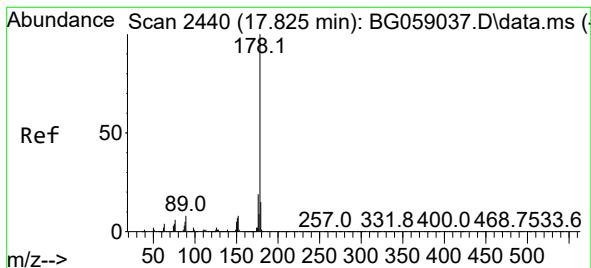
Tgt Ion:105 Resp: 17830
Ion Ratio Lower Upper
105 100
77 93.7 67.3 100.9
51 26.0 19.3 28.9



#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





#74

Anthracene

Concen: 1.329 ng/ul

RT: 17.726 min Scan# 2440

Delta R.T. -0.098 min

Lab File: BG059046.D

Acq: 13 Sep 2023 18:43

Instrument :

BNA_G

ClientSampleId :

EZYW5

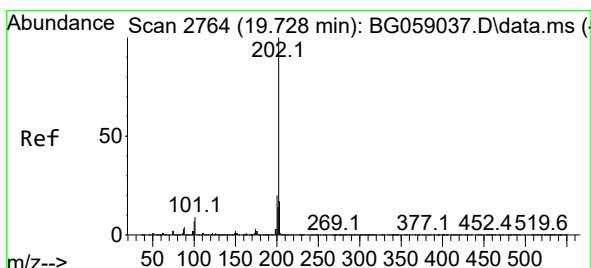
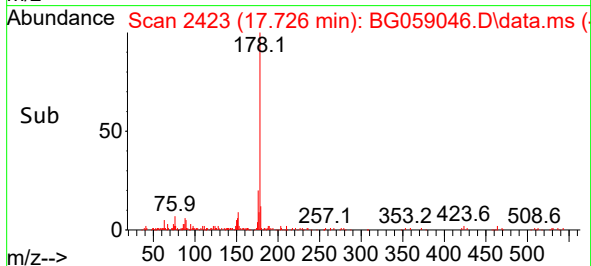
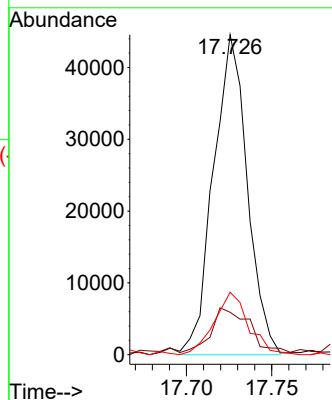
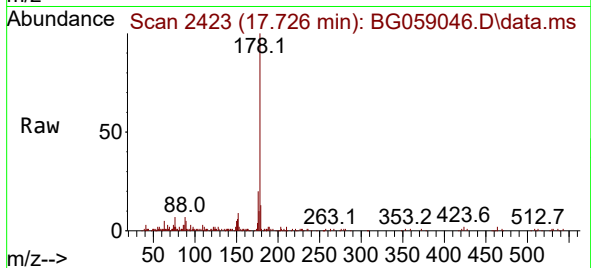
Tgt Ion:178 Resp: 61535

Ion Ratio Lower Upper

178 100

179 13.3 12.2 18.4

176 19.5 14.4 21.6



#80

Fluoranthene

Concen: 2.563 ng/ul

RT: 19.717 min Scan# 2762

Delta R.T. -0.010 min

Lab File: BG059046.D

Acq: 13 Sep 2023 18:43

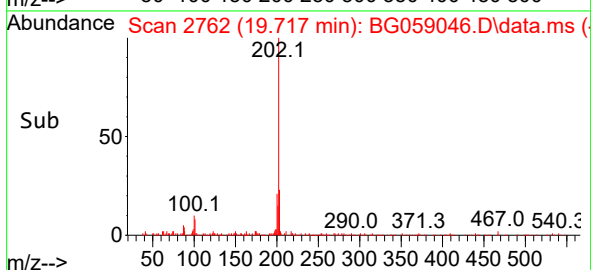
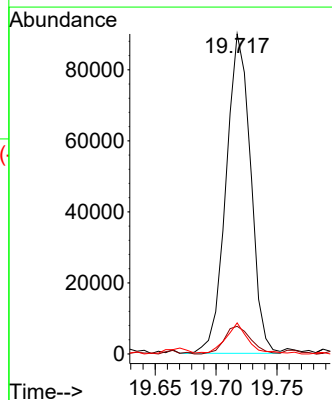
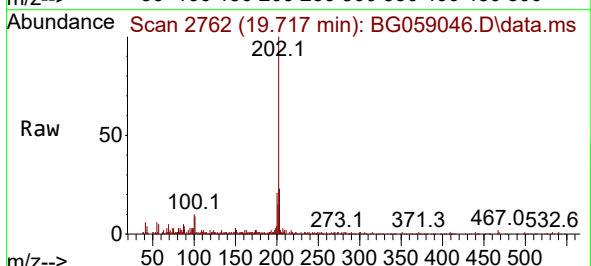
Tgt Ion:202 Resp: 126563

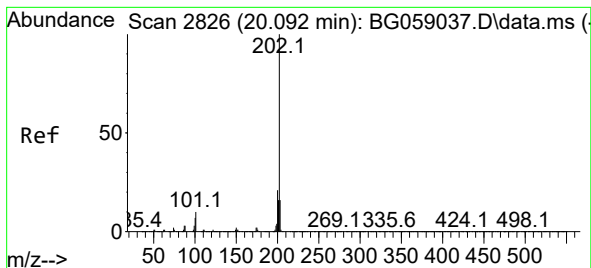
Ion Ratio Lower Upper

202 100

101 8.7 6.1 9.1

100 9.7 5.9 8.9#





#82

Pyrene

Concen: 2.100 ng/ul

RT: 20.082 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG059046.D

Acq: 13 Sep 2023 18:43

Instrument :

BNA_G

ClientSampleId :

EZYW5

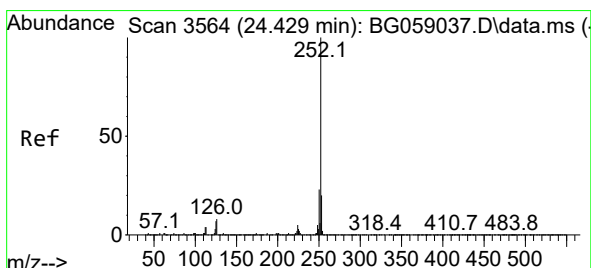
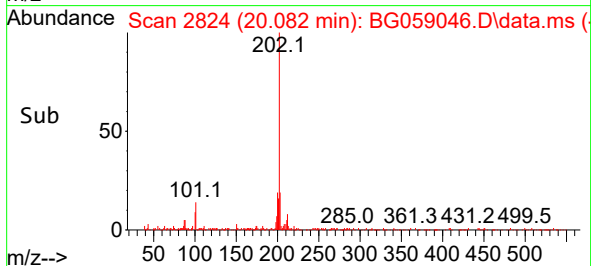
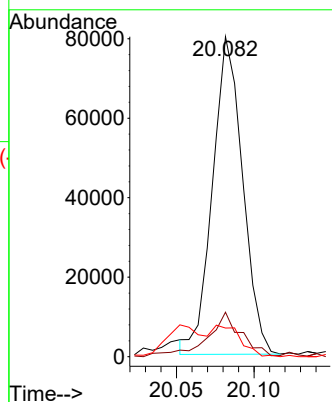
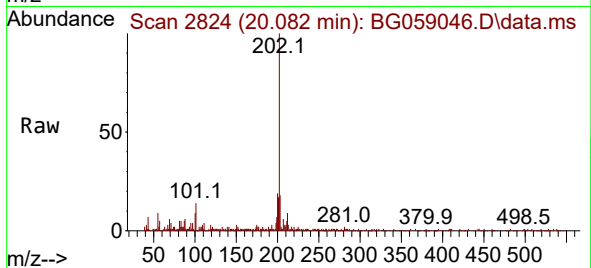
Tgt Ion:202 Resp: 107832

Ion Ratio Lower Upper

202 100

101 13.9 7.5 11.3#

100 8.9 6.3 9.5



#90

Benzo(b)fluoranthene

Concen: 1.327 ng/ul

RT: 24.412 min Scan# 3561

Delta R.T. -0.004 min

Lab File: BG059046.D

Acq: 13 Sep 2023 18:43

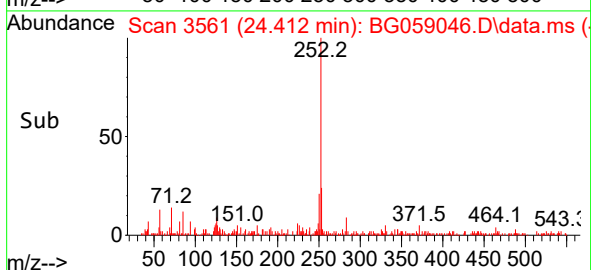
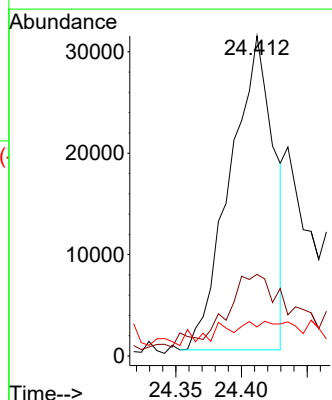
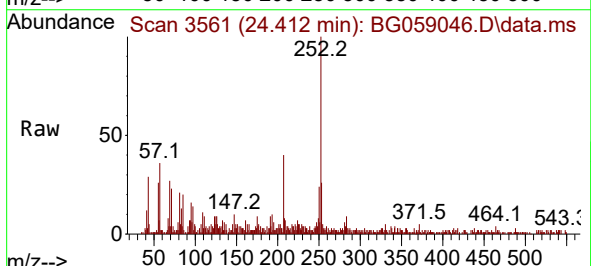
Tgt Ion:252 Resp: 71449

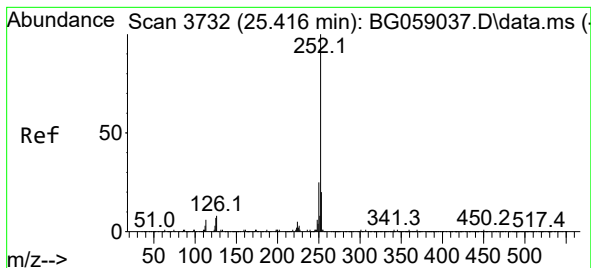
Ion Ratio Lower Upper

252 100

253 25.5 17.8 26.8

125 9.0 6.2 9.2





#93

Benzo(a)pyrene

Concen: 1.413 ng/ul

RT: 25.381 min Scan# 31

Delta R.T. -0.022 min

Lab File: BG059046.D

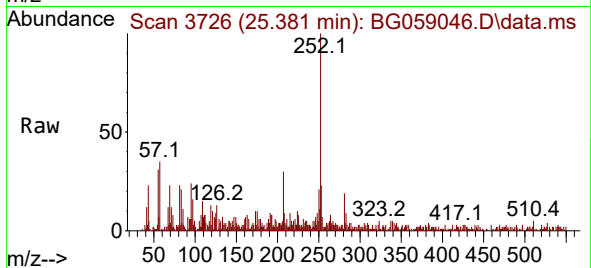
Acq: 13 Sep 2023 18:43

Instrument :

BNA_G

ClientSampleId :

EZYW5



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#

