

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059310.D
 Acq On : 6 Oct 2023 00:16
 Operator : MA/JU
 Sample : 04469-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYM0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 06 01:20:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	50206	20.000	ng/u1	0.00
20) Naphthalene-d8	11.078	136	231647	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.868	164	141621	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.618	188	311721	20.000	ng/u1	0.00
79) Chrysene-d12	21.919	240	261446	20.000	ng/u1	0.00
88) Perylene-d12	25.415	264	318212	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	2490	1.872	ng/uL	0.00
4) Pyridine-d5	3.975	84	4274	1.101	ng/u1	0.00
7) Phenol-d5	7.359	99	59777	11.895	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	37500	11.681	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	44878	13.285	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	21089	5.429	ng/u1	0.00
21) Nitrobenzene-d5	9.427	128	24633	15.069	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	25213	15.712	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	40046	12.148	ng/u1	0.00
31) 4-Chloroaniline-d4	11.225	131	41853	7.847	ng/u1	0.00
46) Dimethylphthalate-d6	14.263	166	138684	13.544	ng/u1	0.00
49) Acenaphthylene-d8	14.568	160	176238	13.713	ng/u1	0.00
54) 4-Nitrophenol-d4	15.068	143	751m	0.420	ng/u1	0.00
60) Fluorene-d10	15.855	176	134103	13.761	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	55	0.034	ng/u1	0.00
73) Anthracene-d10	17.718	188	191599m	13.489	ng/u1	0.00
81) Pyrene-d10	19.991	212	235936	16.114	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.162	264	225027	14.716	ng/u1	0.00
Target Compounds						
					Qvalue	
61) Fluorene	15.914	166	12134	1.158	ng/u1	97
72) Phenanthrene	17.659	178	218931	12.798	ng/u1	98
74) Anthracene	17.753	178	107387	6.079	ng/u1	97
80) Fluoranthene	19.657	202	414526	22.983	ng/u1	98
82) Pyrene	20.021	202	479428	25.095	ng/u1	99
85) Benzo(a)anthracene	21.901	228	181793	9.878	ng/u1	92
87) Chrysene	21.972	228	197836	11.381	ng/u1	99
90) Benzo(b)fluoranthene	24.281	252	256448	13.158	ng/u1#	91
91) Benzo(k)fluoranthene	24.351	252	79255	4.013	ng/u1#	96
93) Benzo(a)pyrene	25.238	252	151562	8.197	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	29.427	276	111404m	5.323	ng/u1	
95) Dibenzo(a,h)anthracene	29.492	278	33018m	1.940	ng/u1	
96) Benzo(g,h,i)perylene	30.726	276	120317	7.070	ng/u1	98

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

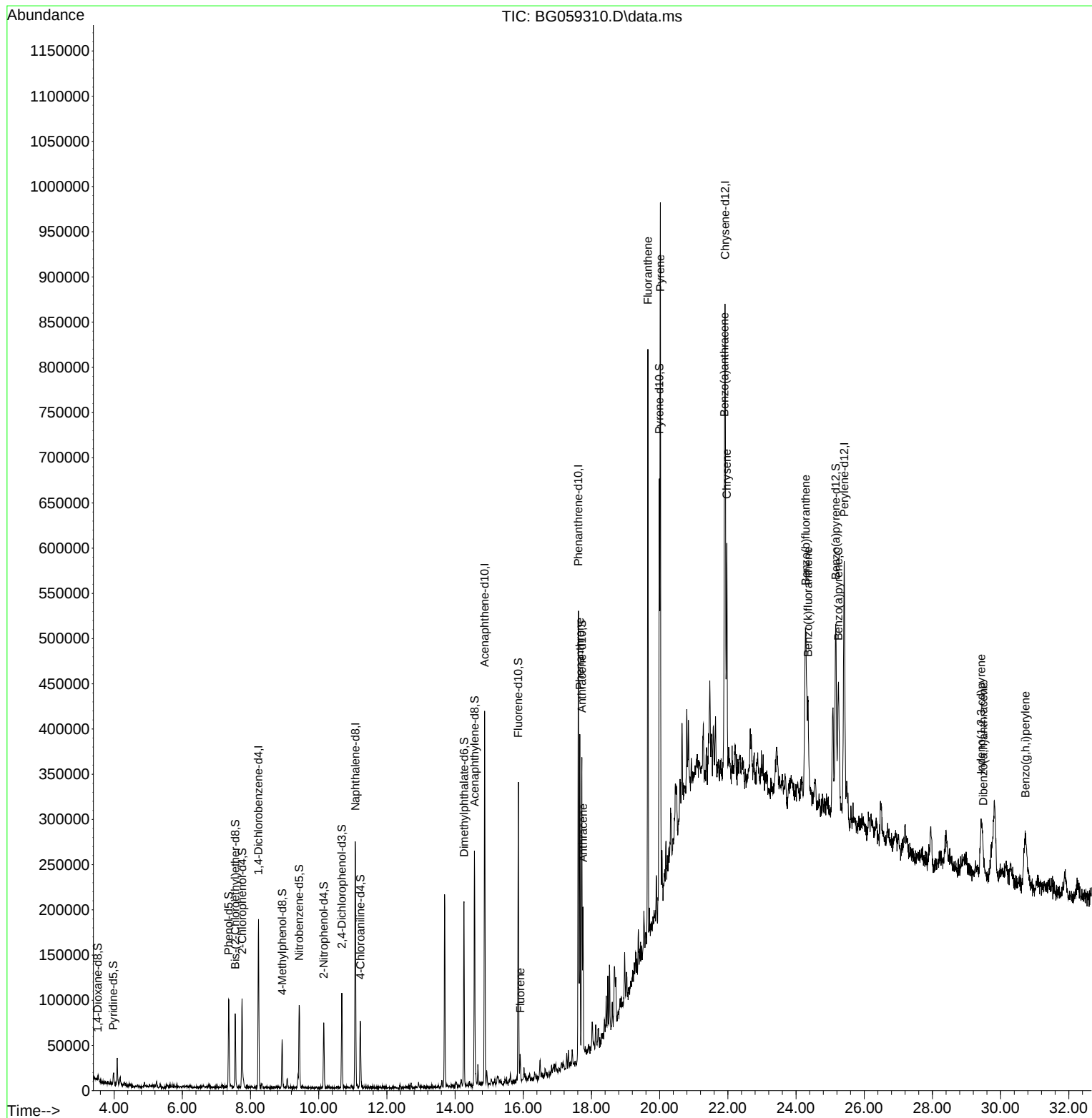
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059310.D
Acq On : 6 Oct 2023 00:16
Operator : MA/JU
Sample : 04469-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

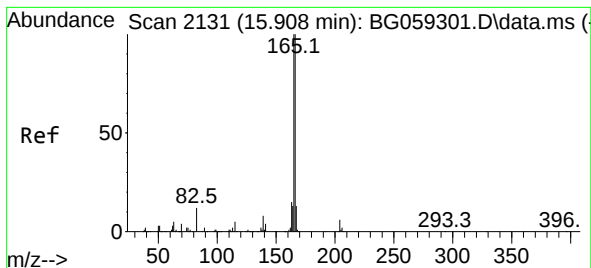
Instrument :
BNA_G
ClientSampleId :
EZYMO

Quant Time: Oct 06 01:20:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
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#61

Fluorene

Concen: 1.158 ng/ul

RT: 15.914 min Scan# 2131

Delta R.T. 0.003 min

Lab File: BG059310.D

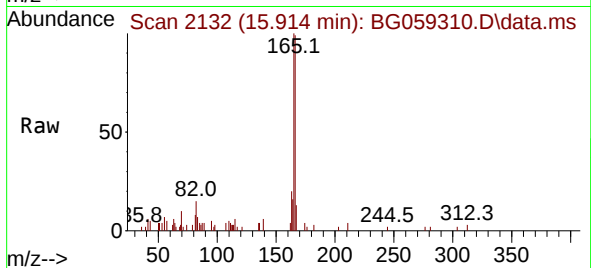
Acq: 6 Oct 2023 00:16

Instrument :

BNA_G

ClientSampleId :

EZYM0



Tgt Ion:166 Resp: 12134

Ion Ratio Lower Upper

166 100

165 101.3 78.6 118.0

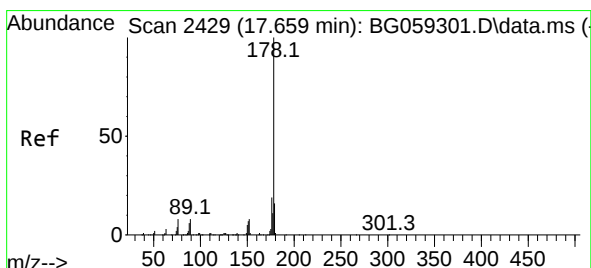
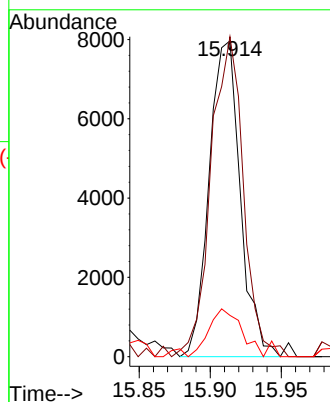
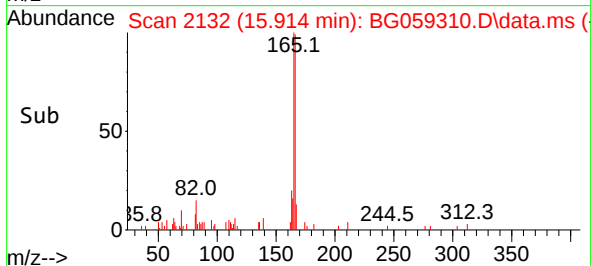
167 13.1 11.8 17.8

Manual Integrations

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#72

Phenanthrene

Concen: 12.798 ng/ul

RT: 17.659 min Scan# 2429

Delta R.T. -0.002 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

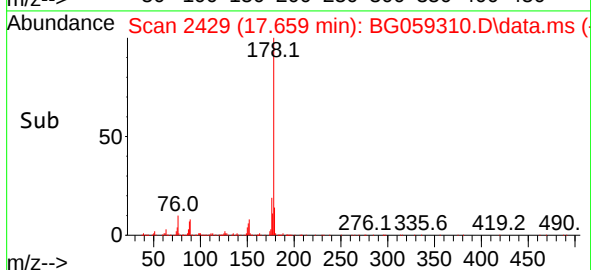
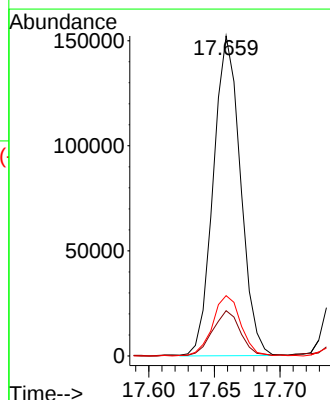
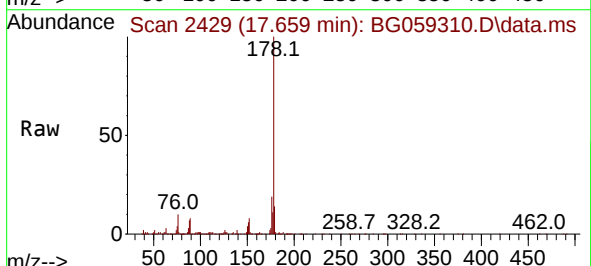
Tgt Ion:178 Resp: 218931

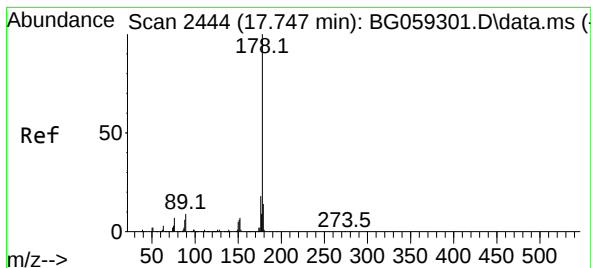
Ion Ratio Lower Upper

178 100

179 14.1 12.3 18.5

176 18.8 14.6 21.8





#74

Anthracene

Concen: 6.079 ng/ul

RT: 17.753 min Scan# 2444

Delta R.T. -0.002 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

Instrument :

BNA_G

ClientSampleId :

EZYM0

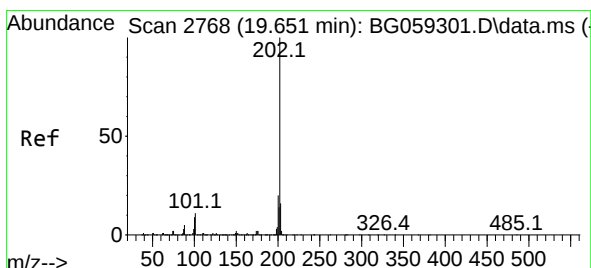
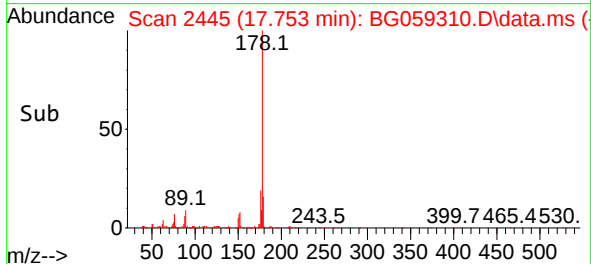
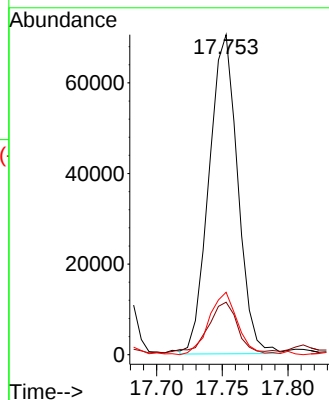
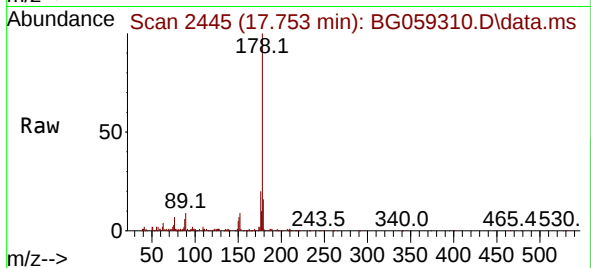
Tgt Ion:178 Resp: 10738
Ion Ratio Lower Upper
178 100
179 16.4 12.0 18.0
176 19.5 14.5 21.7

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#80

Fluoranthene

Concen: 22.983 ng/ul

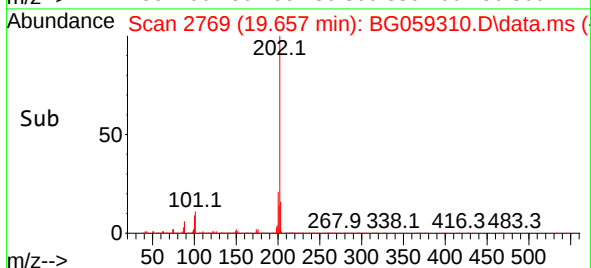
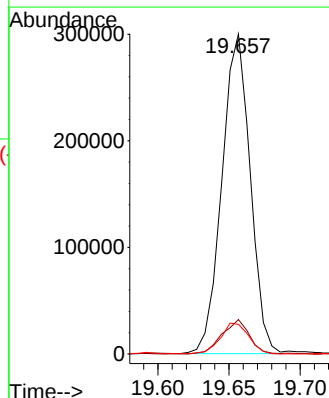
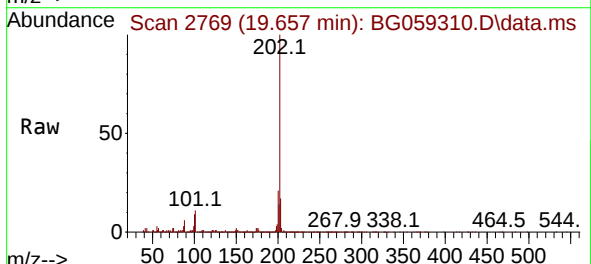
RT: 19.657 min Scan# 2769

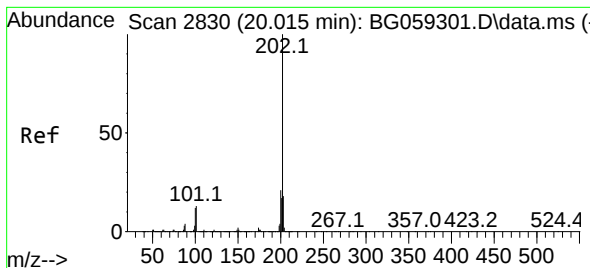
Delta R.T. -0.002 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

Tgt Ion:202 Resp: 414526
Ion Ratio Lower Upper
202 100
101 10.7 8.2 12.4
100 9.3 8.2 12.2





#82

Pyrene

Concen: 25.095 ng/u1

RT: 20.021 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

Instrument :

BNA_G

ClientSampleId :

EZYM0

Tgt Ion:202 Resp: 479428

Ion Ratio Lower Upper

202 100

101 12.2 10.2 15.4

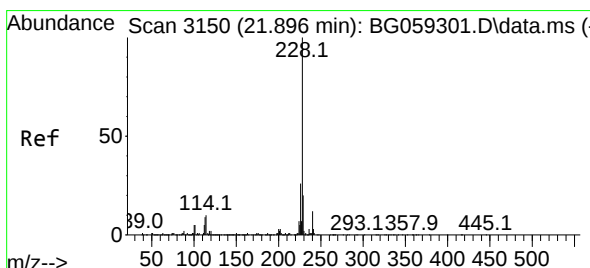
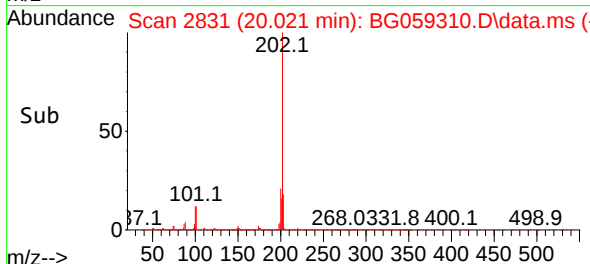
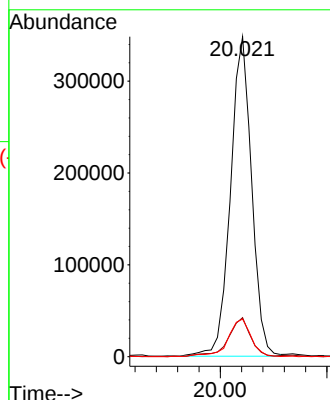
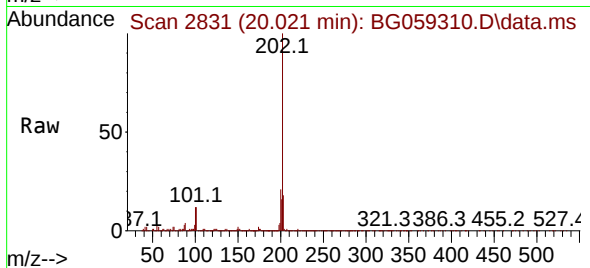
100 11.8 9.6 14.4

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#85

Benzo(a)anthracene

Concen: 9.878 ng/u1

RT: 21.901 min Scan# 3151

Delta R.T. -0.002 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

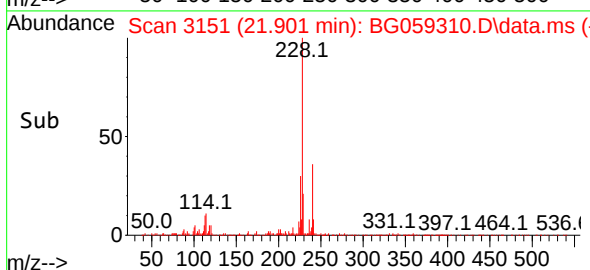
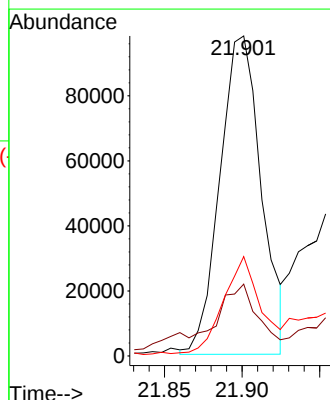
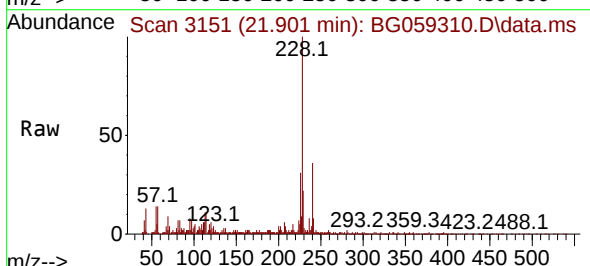
Tgt Ion:228 Resp: 181793

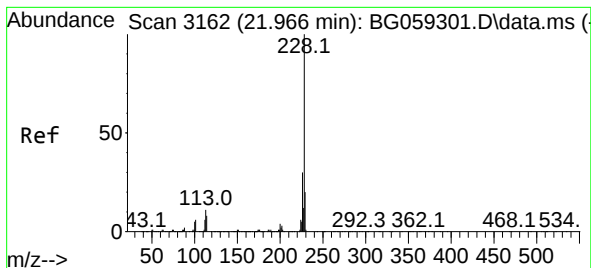
Ion Ratio Lower Upper

228 100

229 22.5 15.5 23.3

226 31.0 21.4 32.2





#87

Chrysene

Concen: 11.381 ng/uI

RT: 21.972 min Scan# 3163

Delta R.T. -0.002 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

Instrument :

BNA_G

ClientSampleId :

EZYM0

Tgt Ion:228 Resp: 197830

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

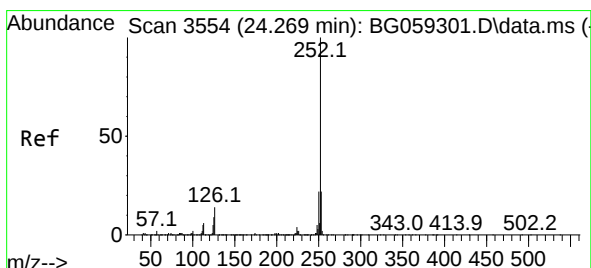
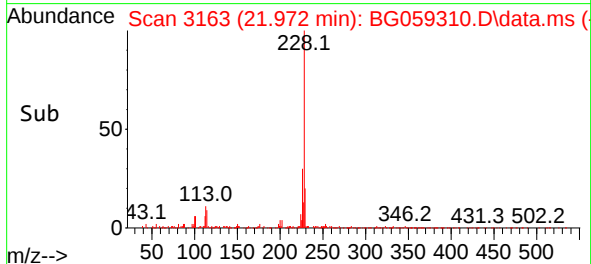
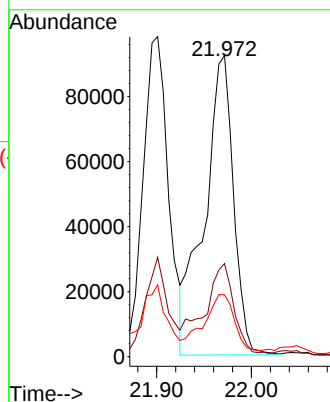
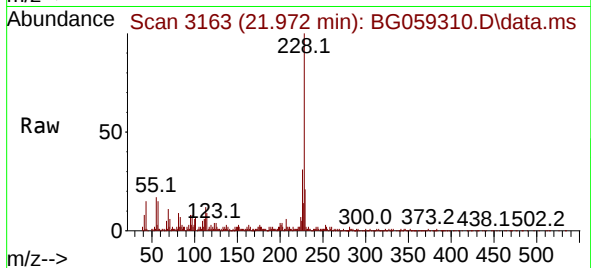
229 20.6 16.2 24.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 13.158 ng/uI

RT: 24.281 min Scan# 3556

Delta R.T. -0.002 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

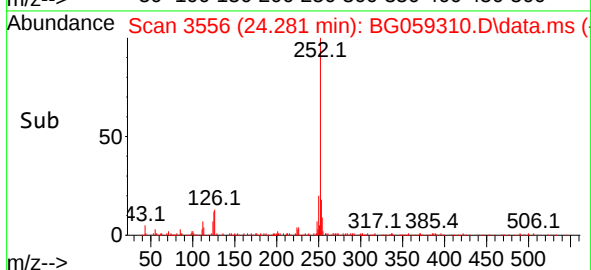
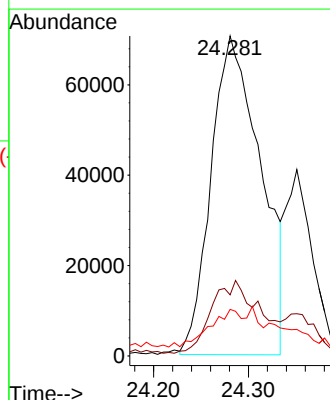
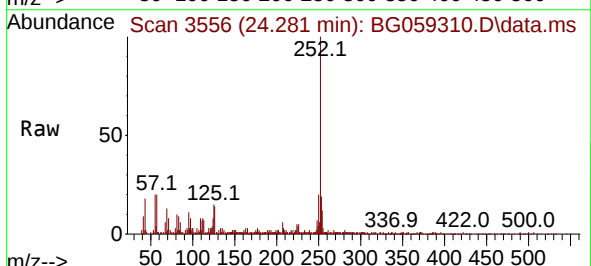
Tgt Ion:252 Resp: 256448

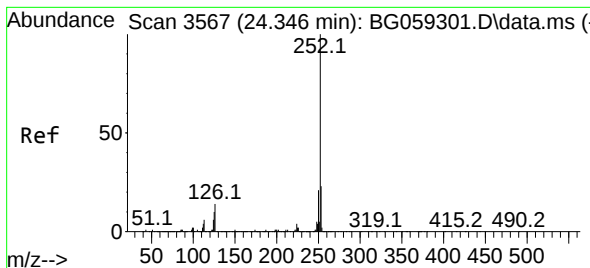
Ion Ratio Lower Upper

252 100

253 19.1 18.0 27.0

125 14.5 8.1 12.1#





#91

Benzo(k)fluoranthene

Concen: 4.013 ng/ul

RT: 24.351 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

Instrument :

BNA_G

ClientSampleId :

EZYM0

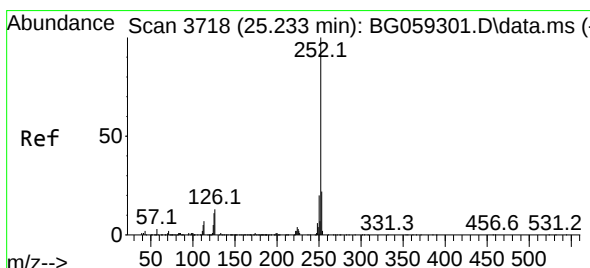
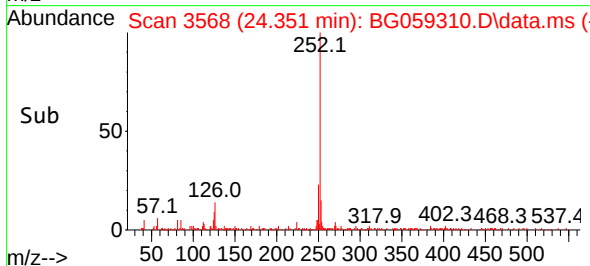
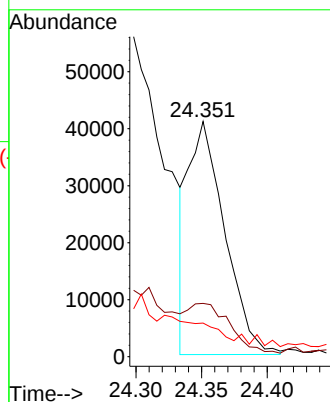
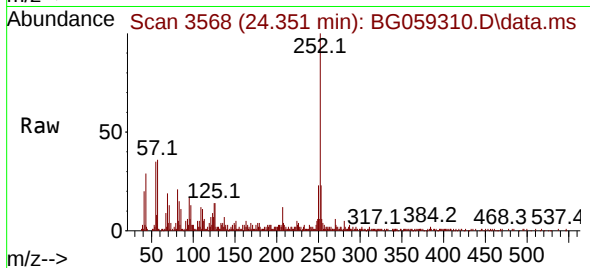
Tgt Ion:	252	Resp:	7925
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	14.3	8.1	12.1

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 8.197 ng/ul

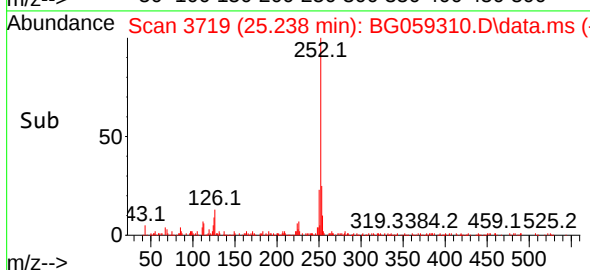
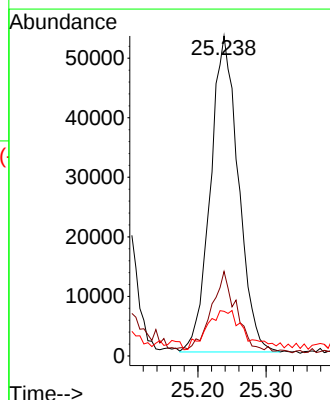
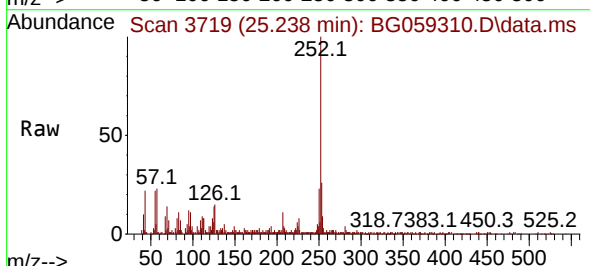
RT: 25.238 min Scan# 3719

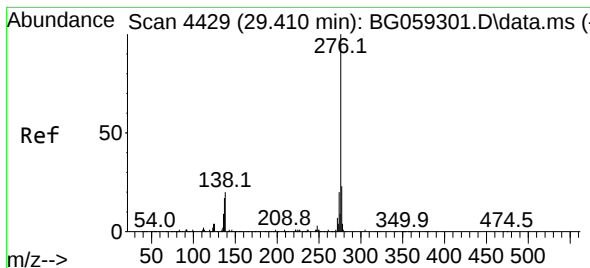
Delta R.T. -0.002 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

Tgt Ion:	252	Resp:	151562
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.2	25.8
125	13.9	9.4	14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.323 ng/ul m

RT: 29.427 min Scan# 4429

Delta R.T. -0.008 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

Instrument :

BNA_G

ClientSampleId :

EZYMO

Tgt Ion:276 Resp: 111404

Ion Ratio Lower Upper

276 100

138 24.7 17.0 25.6

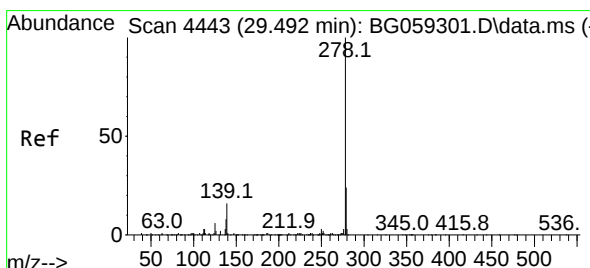
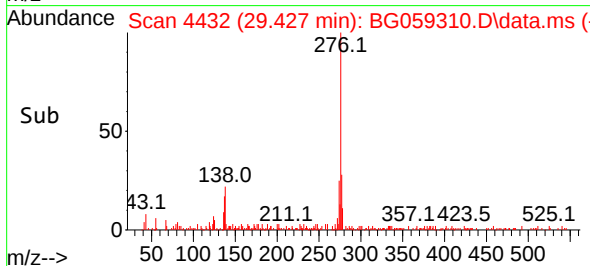
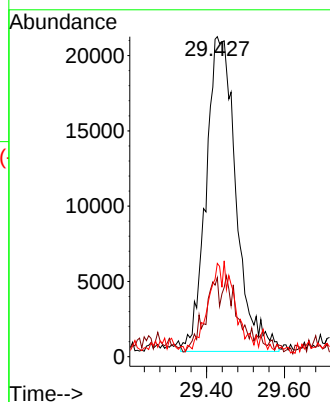
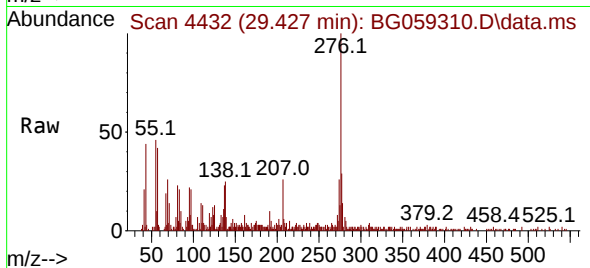
277 29.1 18.6 28.0

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.940 ng/ul m

RT: 29.492 min Scan# 4443

Delta R.T. -0.020 min

Lab File: BG059310.D

Acq: 6 Oct 2023 00:16

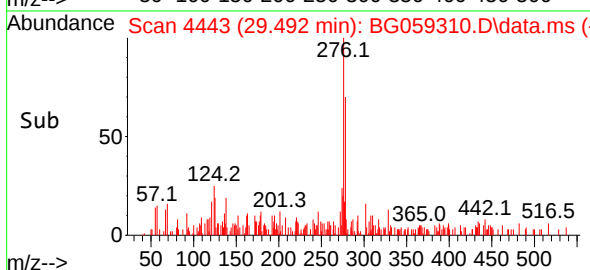
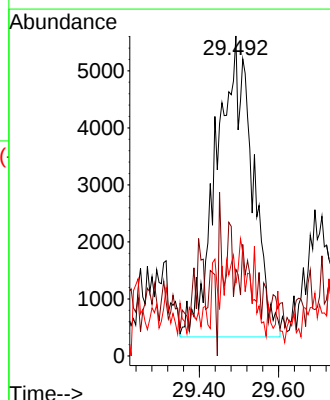
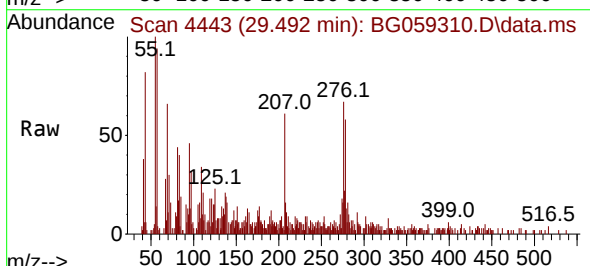
Tgt Ion:278 Resp: 33018

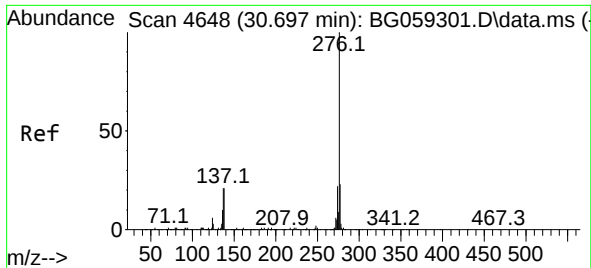
Ion Ratio Lower Upper

278 100

139 27.0 12.1 18.1#

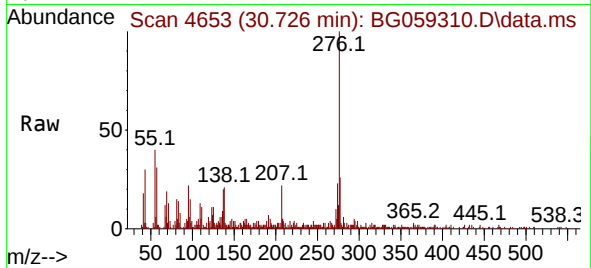
279 22.8 18.6 27.8





#96
 Benzo(g,h,i)perylene
 Concen: 7.070 ng/ul
 RT: 30.726 min Scan# 4653
 Delta R.T. 0.015 min
 Lab File: BG059310.D
 Acq: 6 Oct 2023 00:16

Instrument :
 BNA_G
 ClientSampleId :
 EZYM0



Tgt Ion:276 Resp: 12031
 Ion Ratio Lower Upper
 276 100
 138 20.9 16.6 25.0
 277 26.5 20.0 30.0

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