

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059304.D
 Acq On : 5 Oct 2023 20:08
 Operator : MA/JU
 Sample : 04469-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYL9

Quant Time: Oct 05 22:41:18 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

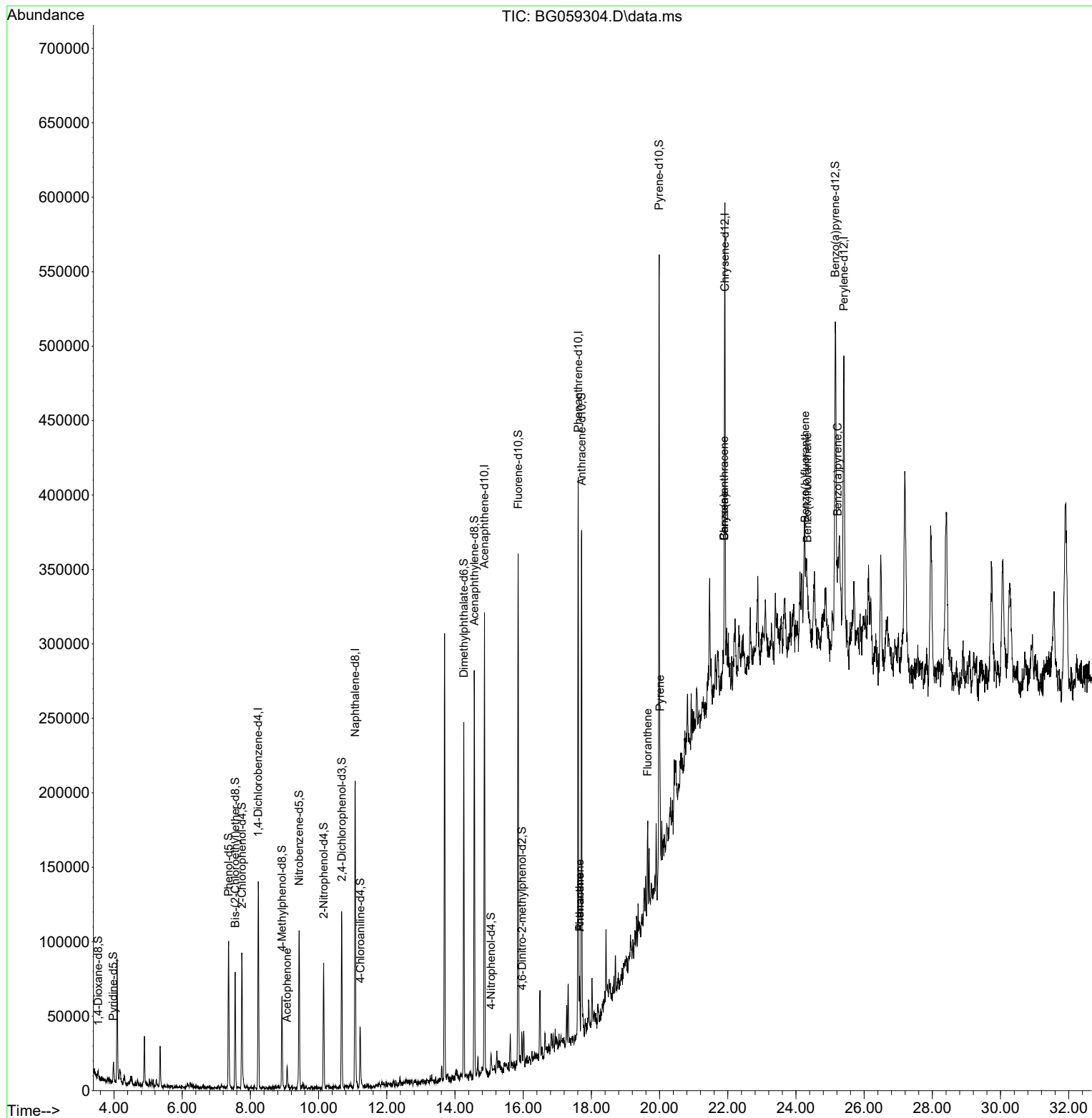
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	39896	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	178384	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.864	164	103055	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.614	188	214884	20.000	ng/ul	0.00
79) Chrysene-d12	21.915	240	184253	20.000	ng/ul	0.00
88) Perylene-d12	25.405	264	213304	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.536	96	2728	2.581	ng/uL	0.01
4) Pyridine-d5	3.977	84	3831	1.242	ng/ul	0.01
7) Phenol-d5	7.361	99	63694	15.949	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.555	67	34810	13.645	ng/ul	0.00
11) 2-Chlorophenol-d4	7.749	132	44750	16.670	ng/ul	0.00
15) 4-Methylphenol-d8	8.924	113	23550	7.629	ng/ul	0.00
21) Nitrobenzene-d5	9.429	128	25782	20.482	ng/ul	0.00
24) 2-Nitrophenol-d4	10.146	143	27169	21.986	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.681	165	45194	17.803	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	22238	5.414	ng/ul	0.00
46) Dimethylphthalate-d6	14.259	166	150588	20.211	ng/ul	0.00
49) Acenaphthylene-d8	14.564	160	187937	20.096	ng/ul	0.00
54) 4-Nitrophenol-d4	15.058	143	3637	2.795	ng/ul	0.00
60) Fluorene-d10	15.851	176	145696	20.545	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	4261	3.858	ng/ul	0.00
73) Anthracene-d10	17.714	188	203603	20.794	ng/ul	0.00
81) Pyrene-d10	19.987	212	230519	22.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.152	264	219019	21.367	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	9.077	105	8264	1.729	ng/ul	90
72) Phenanthrene	17.655	178	23562	1.998	ng/ul	96
74) Anthracene	17.655	178	23562	1.935	ng/ul	96
80) Fluoranthene	19.653	202	39915	3.140	ng/ul#	93
82) Pyrene	20.011	202	39835	2.959	ng/ul	96
85) Benzo(a)anthracene	21.891	228	23269	1.794	ng/ul	98
87) Chrysene	21.891	228	23130	1.888	ng/ul	95
90) Benzo(b)fluoranthene	24.271	252	39825	3.048	ng/ul#	82
91) Benzo(k)fluoranthene	24.335	252	13560	1.024	ng/ul#	51
93) Benzo(a)pyrene	25.222	252	25302	2.042	ng/ul#	76

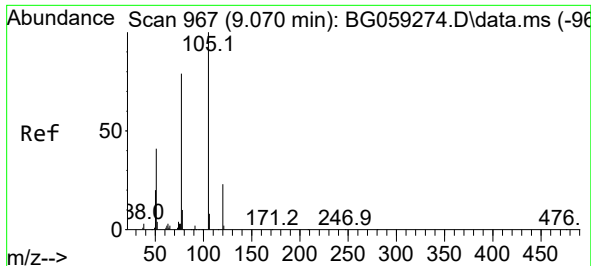
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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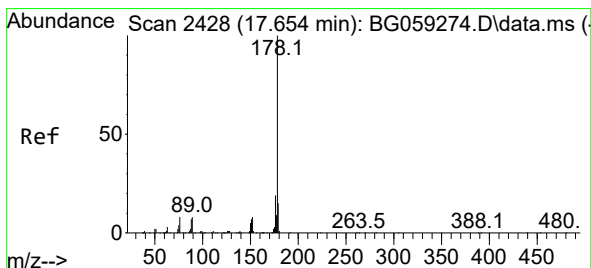
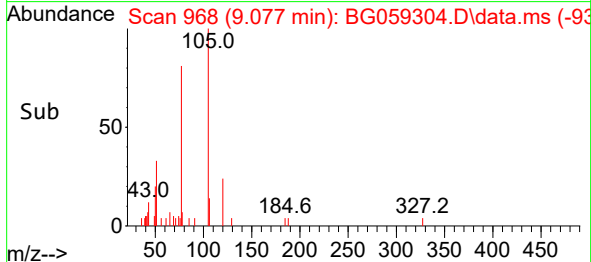
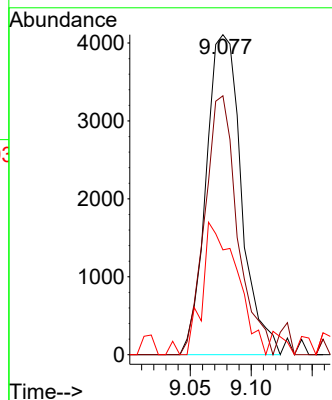
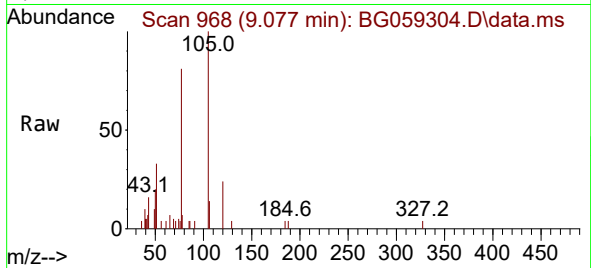




#16
Acetophenone
Concen: 1.729 ng/ul
RT: 9.077 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG059304.D
Acq: 5 Oct 2023 20:08

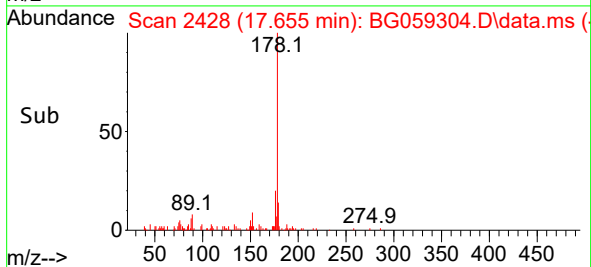
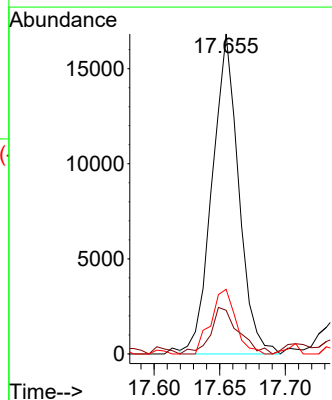
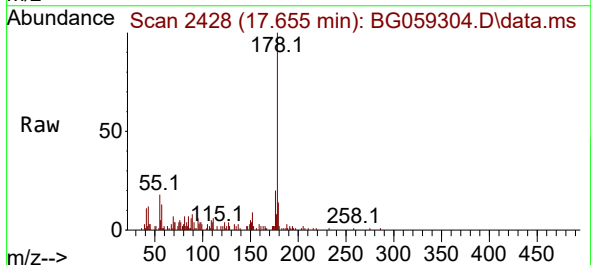
Instrument :
BNA_G
ClientSampleId :
EZYL9

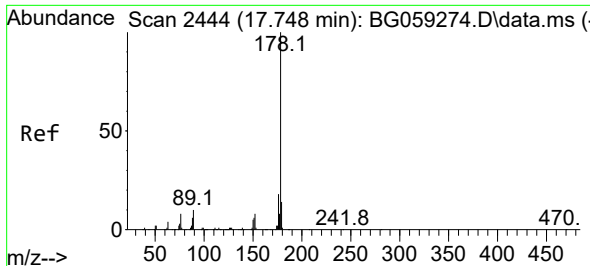
Tgt Ion:105	Resp:	8264
Ion Ratio	Lower	Upper
105	100	
77	80.9	58.8 88.2
51	32.8	32.6 48.8



#72
Phenanthrene
Concen: 1.998 ng/ul
RT: 17.655 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG059304.D
Acq: 5 Oct 2023 20:08

Tgt Ion:178	Resp:	23562
Ion Ratio	Lower	Upper
178	100	
179	13.6	12.3 18.5
176	20.2	14.6 21.8

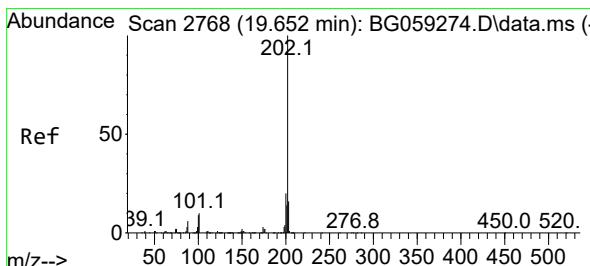
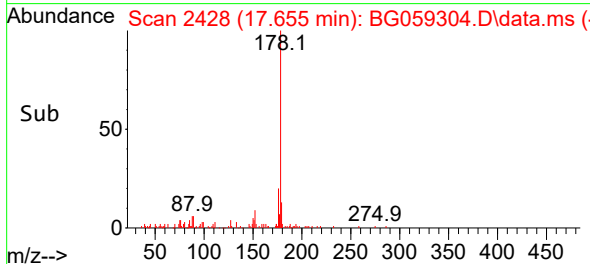
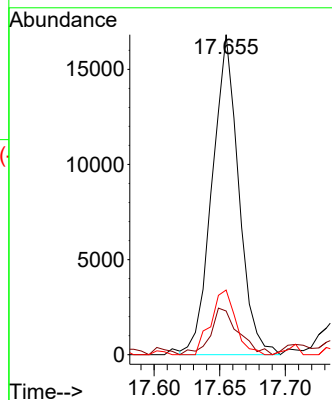
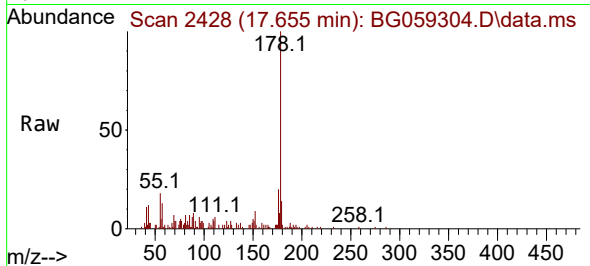




#74
 Anthracene
 Concen: 1.935 ng/ul
 RT: 17.655 min Scan# 2444
 Delta R.T. -0.100 min
 Lab File: BG059304.D
 Acq: 5 Oct 2023 20:08

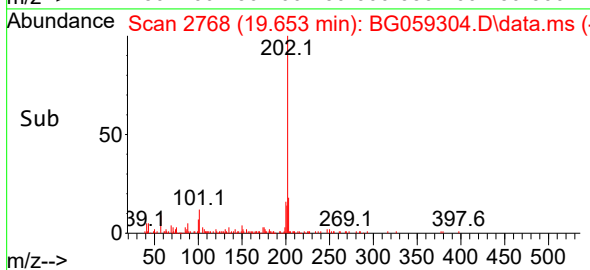
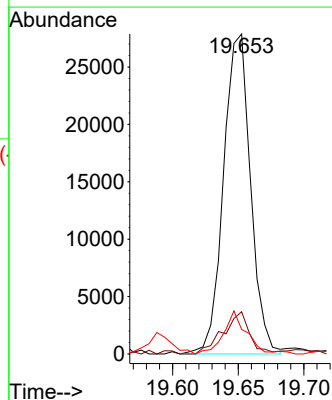
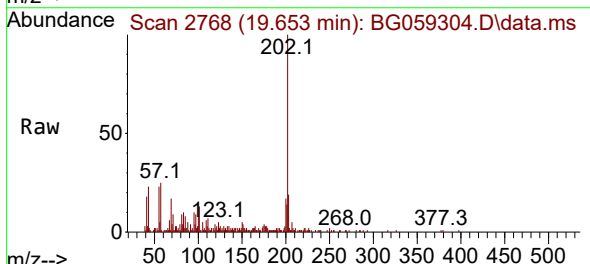
Instrument :
 BNA_G
 ClientSampleId :
 EZYL9

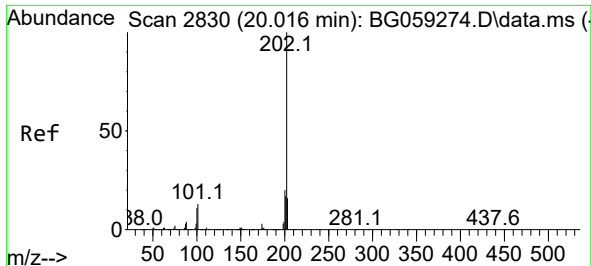
Tgt Ion:178 Resp: 23562
 Ion Ratio Lower Upper
 178 100
 179 13.6 12.0 18.0
 176 20.2 14.5 21.7



#80
 Fluoranthene
 Concen: 3.140 ng/ul
 RT: 19.653 min Scan# 2768
 Delta R.T. -0.006 min
 Lab File: BG059304.D
 Acq: 5 Oct 2023 20:08

Tgt Ion:202 Resp: 39915
 Ion Ratio Lower Upper
 202 100
 101 13.2 8.2 12.4#
 100 7.6 8.2 12.2#

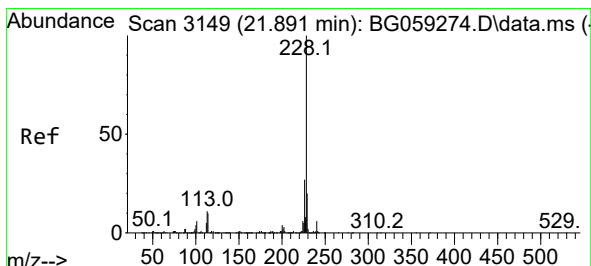
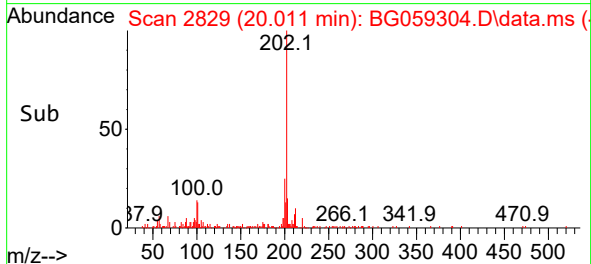
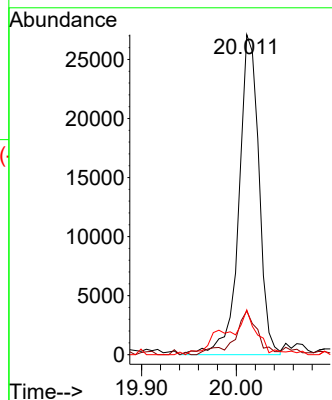
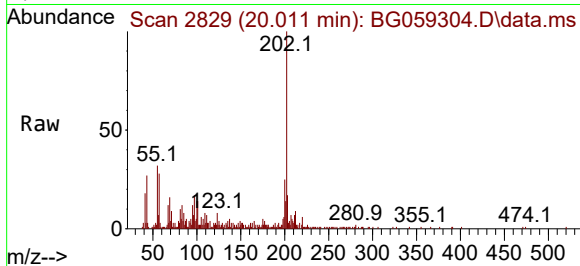




#82
 Pyrene
 Concen: 2.959 ng/ul
 RT: 20.011 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG059304.D
 Acq: 5 Oct 2023 20:08

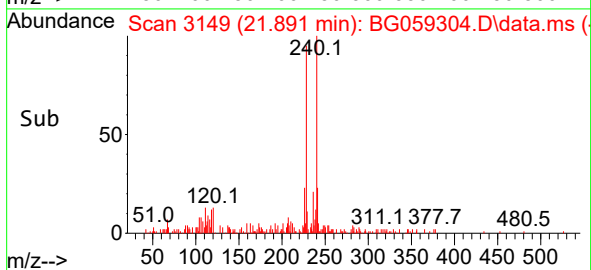
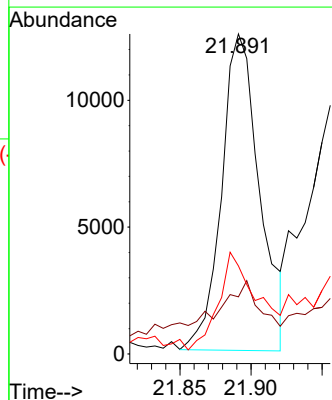
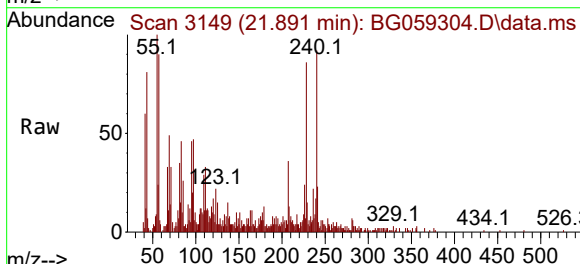
Instrument :
 BNA_G
 ClientSampleId :
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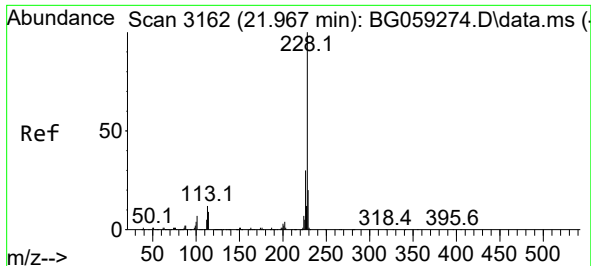
Tgt Ion:	202	Resp:	39835
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.2	15.4
100	14.0	9.6	14.4



#85
 Benzo(a)anthracene
 Concen: 1.794 ng/ul
 RT: 21.891 min Scan# 3149
 Delta R.T. -0.012 min
 Lab File: BG059304.D
 Acq: 5 Oct 2023 20:08

Tgt Ion:	228	Resp:	23269
Ion Ratio	Lower	Upper	
228	100		
229	17.8	15.5	23.3
226	27.5	21.4	32.2





#87

Chrysene

Concen: 1.888 ng/ul

RT: 21.891 min Scan# 3162

Delta R.T. -0.083 min

Lab File: BG059304.D

Acq: 5 Oct 2023 20:08

Instrument :

BNA_G

ClientSampleId :

EZYL9

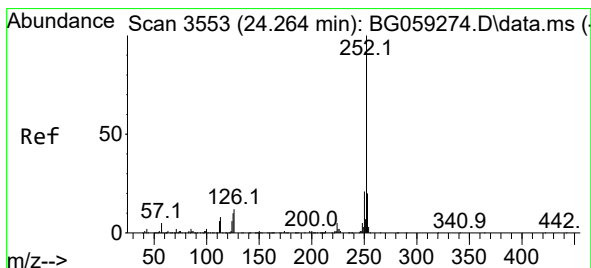
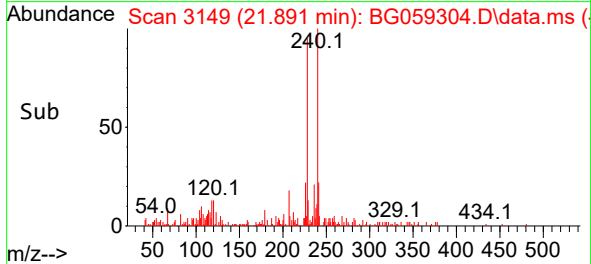
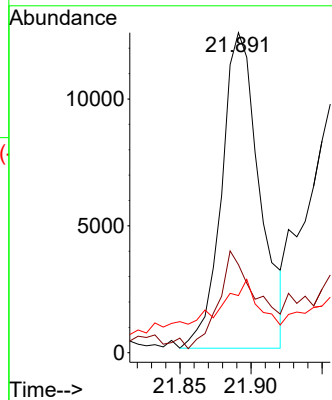
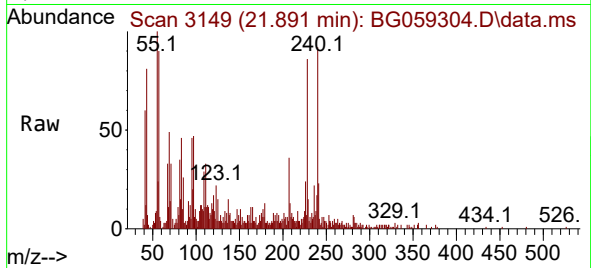
Tgt Ion:228 Resp: 23130

Ion Ratio Lower Upper

228 100

226 27.5 24.2 36.4

229 17.8 16.2 24.2



#90

Benzo(b)fluoranthene

Concen: 3.048 ng/ul

RT: 24.271 min Scan# 3554

Delta R.T. -0.012 min

Lab File: BG059304.D

Acq: 5 Oct 2023 20:08

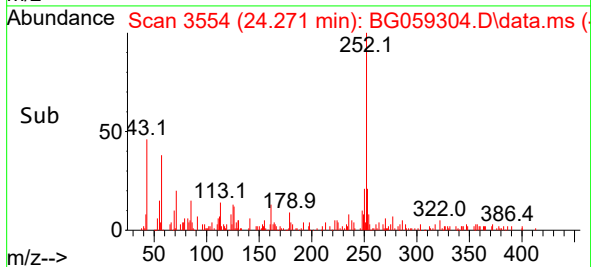
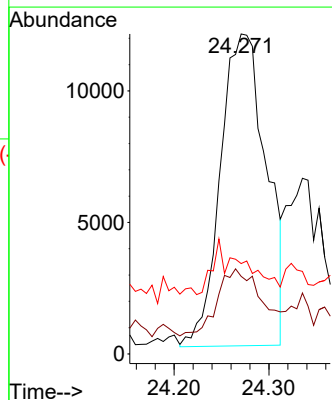
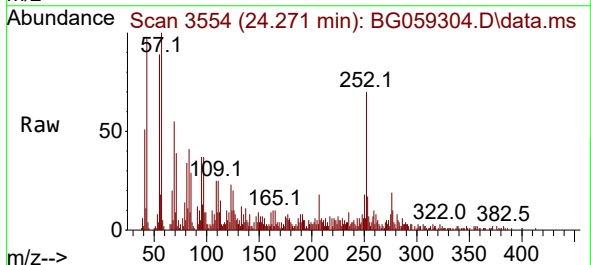
Tgt Ion:252 Resp: 39825

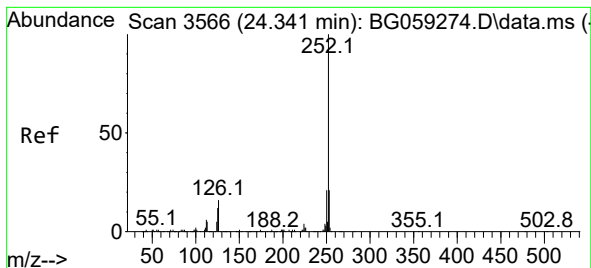
Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

125 28.3 8.1 12.1#





#91

Benzo(k)fluoranthene

Concen: 1.024 ng/ul

RT: 24.335 min Scan# 3

Delta R.T. -0.024 min

Lab File: BG059304.D

Acq: 5 Oct 2023 20:08

Instrument :

BNA_G

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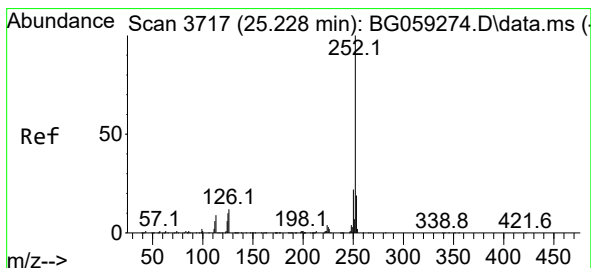
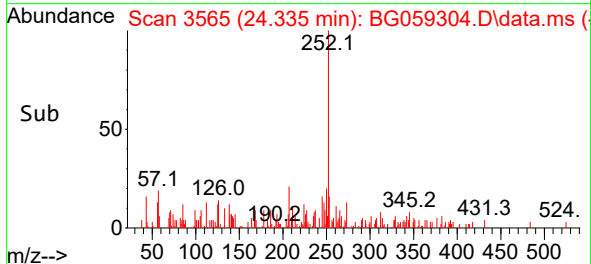
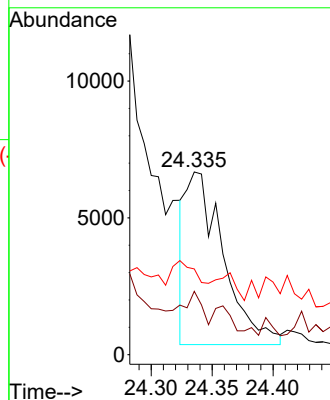
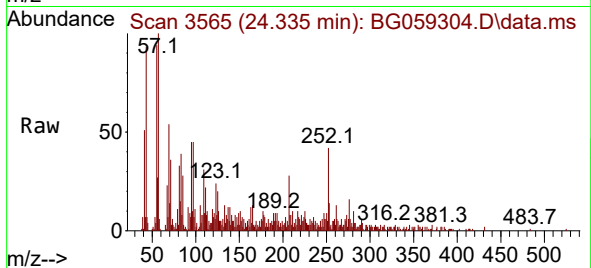
Tgt Ion:252 Resp: 13560

Ion Ratio Lower Upper

252 100

253 34.7 17.6 26.4#

125 46.9 8.1 12.1#



#93

Benzo(a)pyrene

Concen: 2.042 ng/ul

RT: 25.222 min Scan# 3716

Delta R.T. -0.018 min

Lab File: BG059304.D

Acq: 5 Oct 2023 20:08

Tgt Ion:252 Resp: 25302

Ion Ratio Lower Upper

252 100

253 25.2 17.2 25.8

125 32.5 9.4 14.0#

