

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
 Data File : BG056793.D
 Acq On : 2 Mar 2023 16:45
 Operator : CG/JU
 Sample : 01710-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBAA1

Quant Time: Mar 03 00:59:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

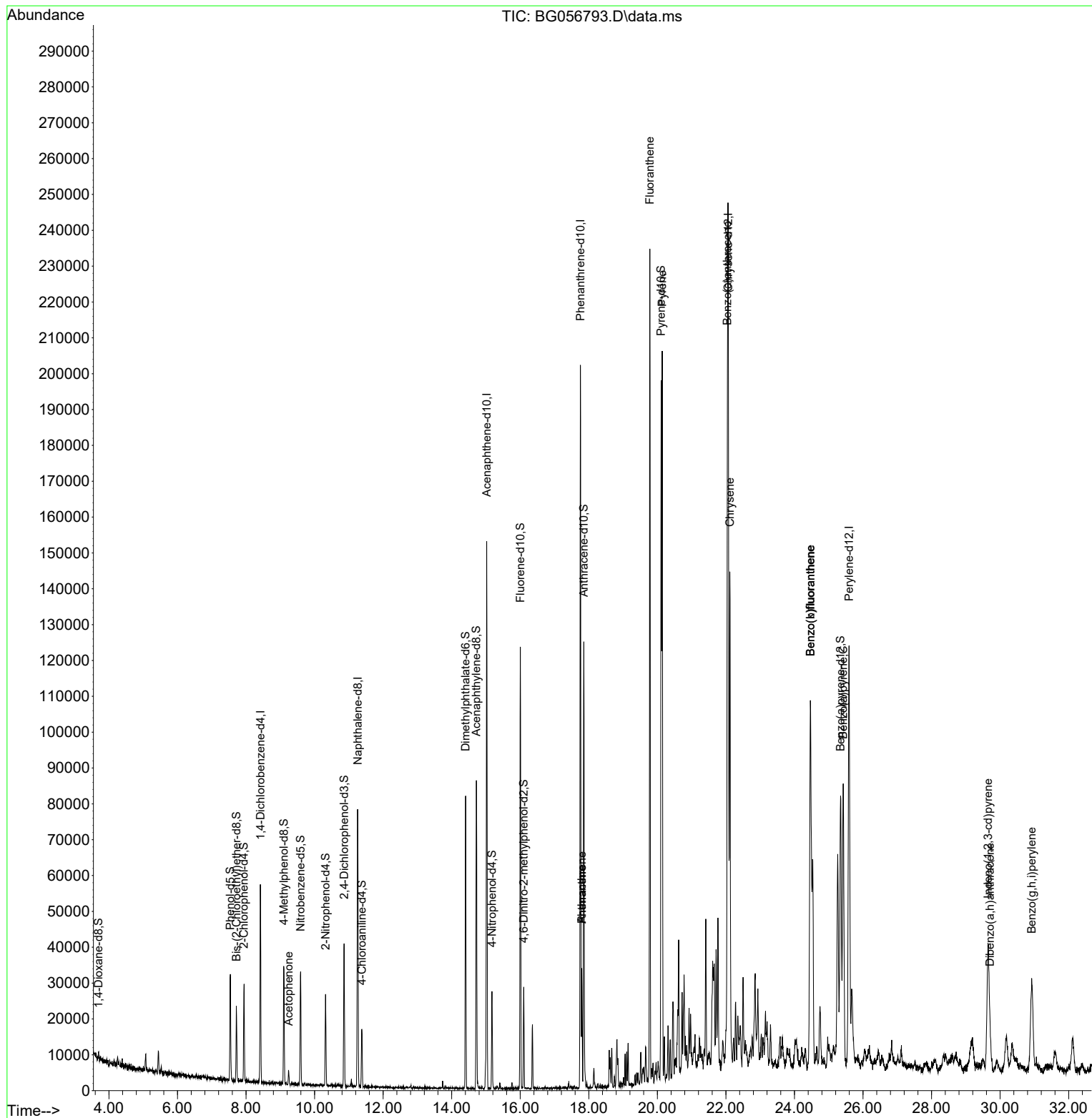
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.418	152	14131	20.000	ng/u1	0.00
20) Naphthalene-d8	11.256	136	63693	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.022	164	52762	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.754	188	133686	20.000	ng/u1	0.00
79) Chrysene-d12	22.067	240	126357	20.000	ng/u1	0.00
88) Perylene-d12	25.592	264	139517	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.694	96	607	2.383	ng/uL	0.00
4) Pyridine-d5	4.117	84	257	0.250	ng/u1	-0.02
7) Phenol-d5	7.542	99	17083	12.081	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.719	67	10448	12.113	ng/u1	0.00
11) 2-Chlorophenol-d4	7.936	132	11233	11.962	ng/u1	0.00
15) 4-Methylphenol-d8	9.105	113	11945	11.055	ng/u1	0.00
21) Nitrobenzene-d5	9.587	128	6373	11.940	ng/u1	0.00
24) 2-Nitrophenol-d4	10.322	143	7462	11.744	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.862	165	14365	12.001	ng/u1	0.00
31) 4-Chloroaniline-d4	11.379	131	9477	6.070	ng/u1	0.00
46) Dimethylphthalate-d6	14.405	166	52524	12.338	ng/u1	0.00
49) Acenaphthylene-d8	14.716	160	61896	12.793	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	6181	8.422	ng/u1	0.00
60) Fluorene-d10	16.003	176	49833	12.655	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	8972	10.031	ng/u1	0.00
73) Anthracene-d10	17.854	188	79515	12.260	ng/u1	0.00
81) Pyrene-d10	20.110	212	98778	11.553	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.345	264	94143	12.501	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.240	105	2249	1.215	ng/u1	99
72) Phenanthrene	17.795	178	21652	2.990	ng/u1	97
74) Anthracene	17.795	178	21652	2.959	ng/u1	97
80) Fluoranthene	19.781	202	154741	14.968	ng/u1#	98
82) Pyrene	20.139	202	135988	13.352	ng/u1	100
85) Benzo(a)anthracene	22.043	228	107836	11.726	ng/u1	98
87) Chrysene	22.114	228	109980	12.840	ng/u1	96
90) Benzo(b)fluoranthene	24.464	252	146247	15.658	ng/u1	99
91) Benzo(k)fluoranthene	24.464	252	146247	16.076	ng/u1	100
93) Benzo(a)pyrene	25.422	252	97479	11.873	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	29.646	276	72925	6.539	ng/u1#	94
95) Dibenzo(a,h)anthracene	29.699	278	11679	1.252	ng/u1#	96
96) Benzo(g,h,i)perylene	30.921	276	35140	3.945	ng/u1	100

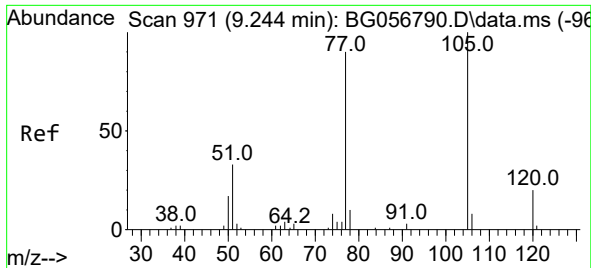
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056793.D
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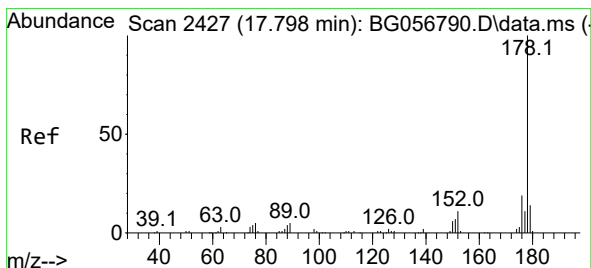
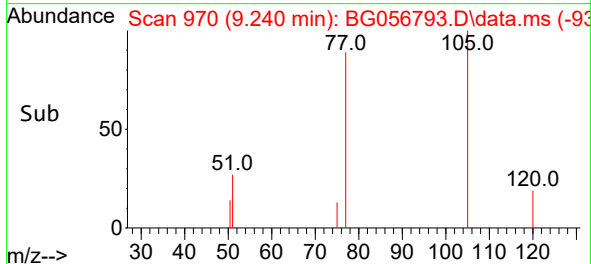
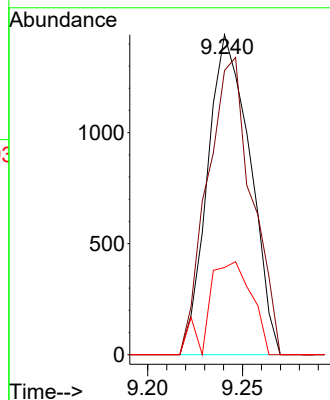
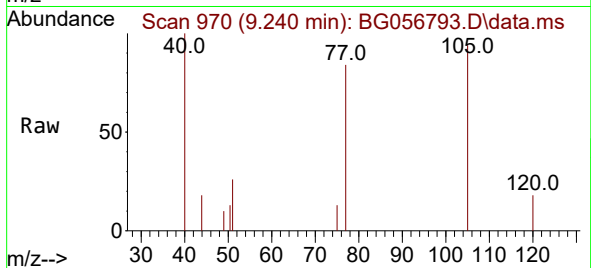




#16
Acetophenone
Concen: 1.215 ng/ul
RT: 9.240 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056793.D
Acq: 2 Mar 2023 16:45

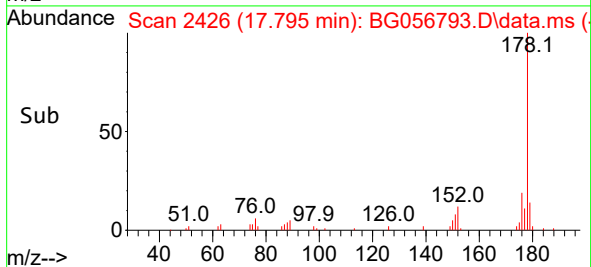
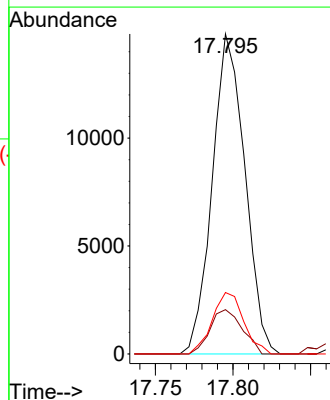
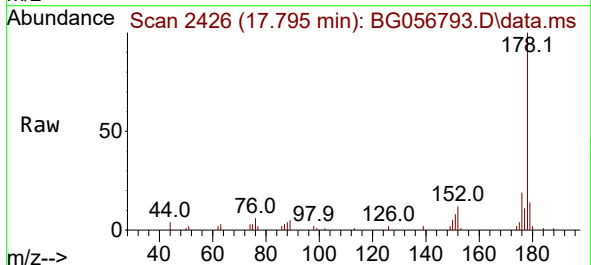
Instrument :
BNA_G
ClientSampleId :
DBAA1

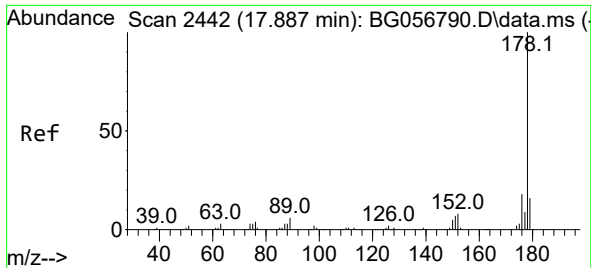
Tgt Ion:105 Resp: 2249
Ion Ratio Lower Upper
105 100
77 88.8 71.4 107.0
51 27.3 23.6 35.4



#72
Phenanthrene
Concen: 2.990 ng/ul
RT: 17.795 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BG056793.D
Acq: 2 Mar 2023 16:45

Tgt Ion:178 Resp: 21652
Ion Ratio Lower Upper
178 100
179 13.8 12.1 18.1
176 19.2 14.4 21.6

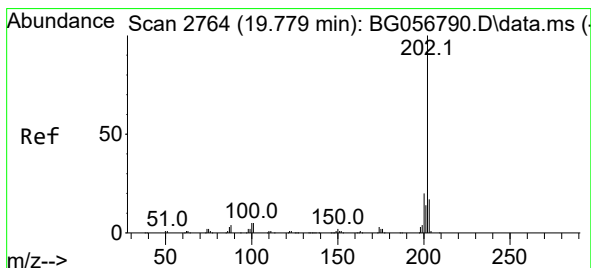
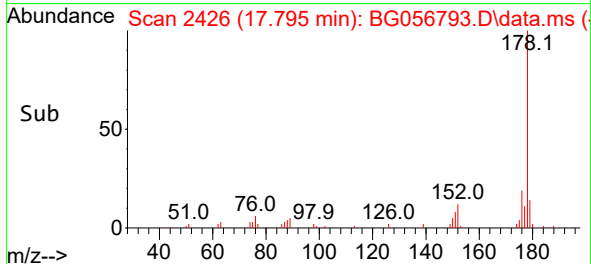
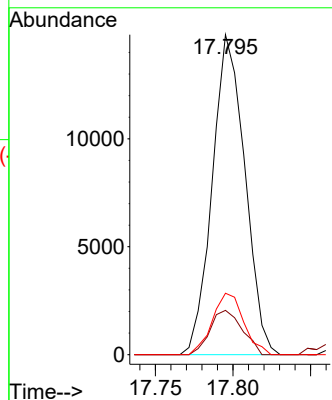
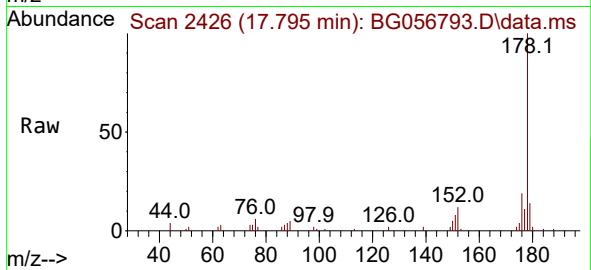




#74
 Anthracene
 Concen: 2.959 ng/ul
 RT: 17.795 min Scan# 2442
 Delta R.T. -0.093 min
 Lab File: BG056793.D
 Acq: 2 Mar 2023 16:45

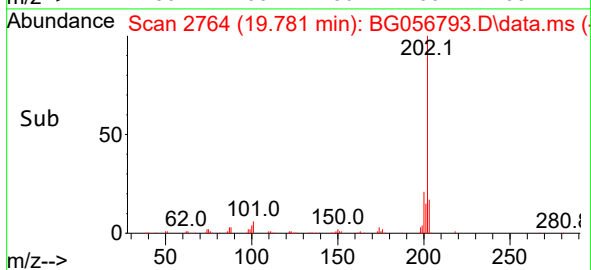
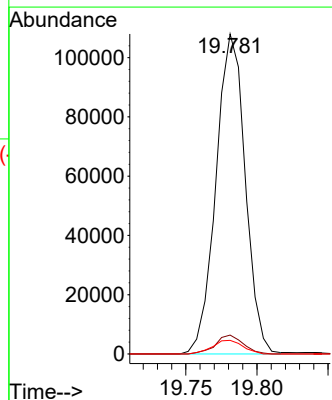
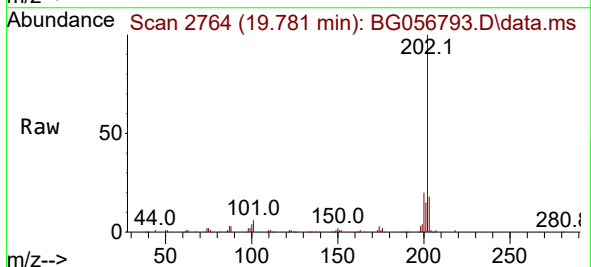
Instrument :
 BNA_G
 ClientSampleId :
 DBAA1

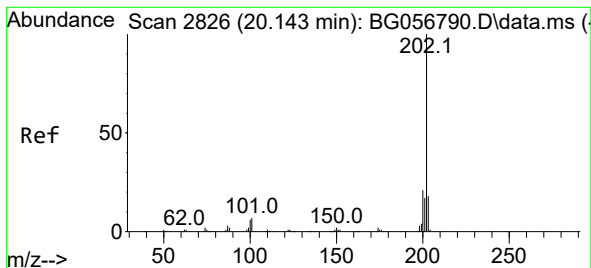
Tgt Ion:178 Resp: 21652
 Ion Ratio Lower Upper
 178 100
 179 13.8 12.1 18.1
 176 19.2 14.1 21.1



#80
 Fluoranthene
 Concen: 14.968 ng/ul
 RT: 19.781 min Scan# 2764
 Delta R.T. 0.001 min
 Lab File: BG056793.D
 Acq: 2 Mar 2023 16:45

Tgt Ion:202 Resp: 154741
 Ion Ratio Lower Upper
 202 100
 101 5.9 4.7 7.1
 100 4.2 4.4 6.6#





#82

Pyrene

Concen: 13.352 ng/ul

RT: 20.139 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056793.D

Acq: 2 Mar 2023 16:45

Instrument :

BNA_G

ClientSampleId :

DBAA1

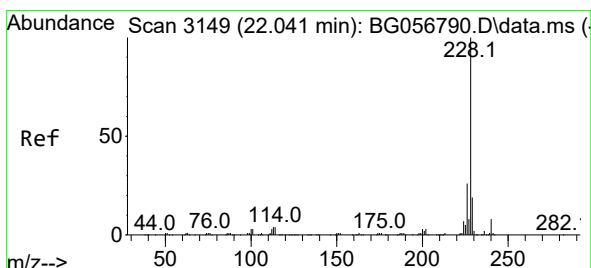
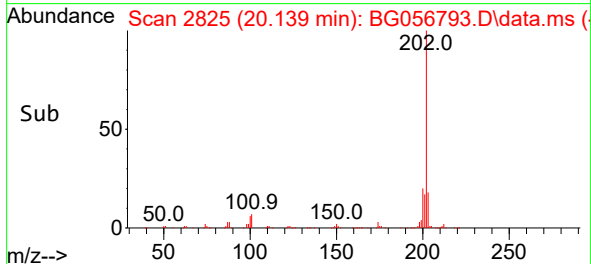
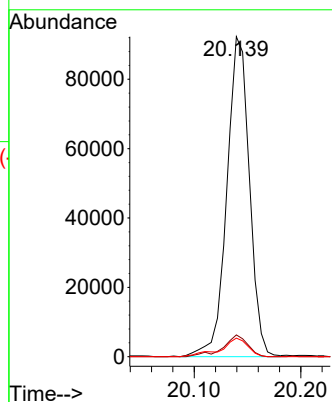
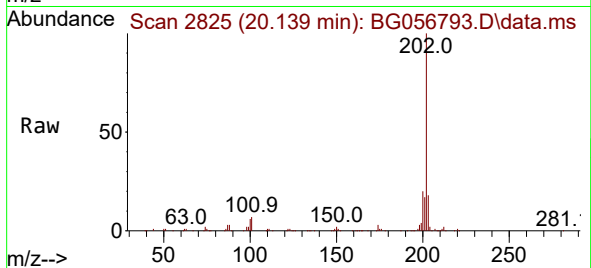
Tgt Ion:202 Resp: 135988

Ion Ratio Lower Upper

202 100

101 6.8 5.3 7.9

100 5.8 4.6 7.0



#85

Benzo(a)anthracene

Concen: 11.726 ng/ul

RT: 22.043 min Scan# 3149

Delta R.T. 0.001 min

Lab File: BG056793.D

Acq: 2 Mar 2023 16:45

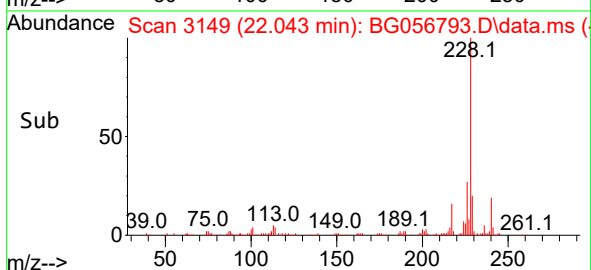
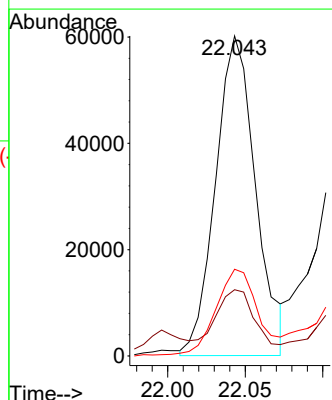
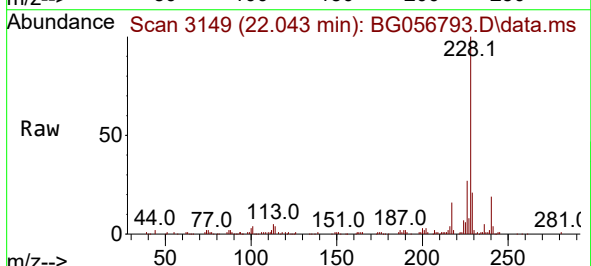
Tgt Ion:228 Resp: 107836

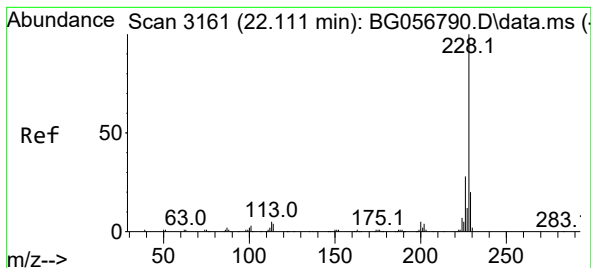
Ion Ratio Lower Upper

228 100

229 20.7 16.2 24.4

226 27.1 20.6 31.0





#87

Chrysene

Concen: 12.840 ng/ul

RT: 22.114 min Scan# 3161

Delta R.T. 0.001 min

Lab File: BG056793.D

Acq: 2 Mar 2023 16:45

Instrument :

BNA_G

ClientSampleId :

DBAA1

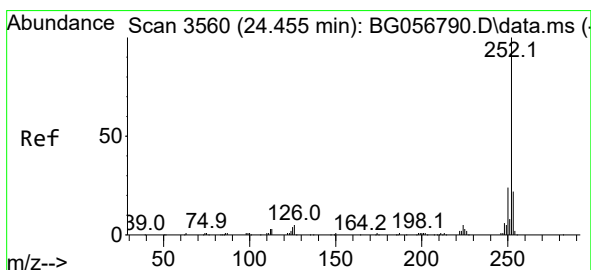
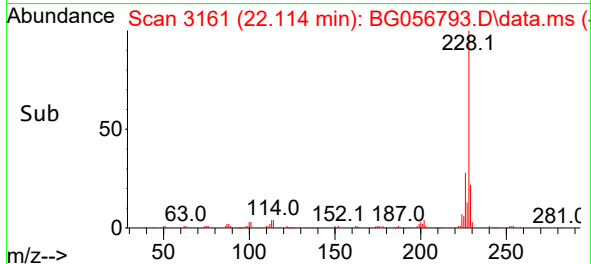
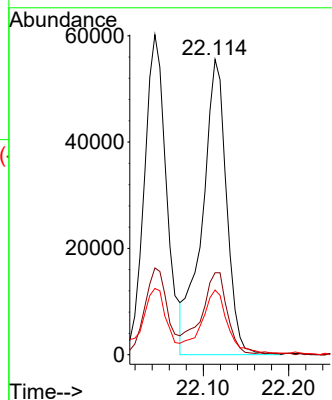
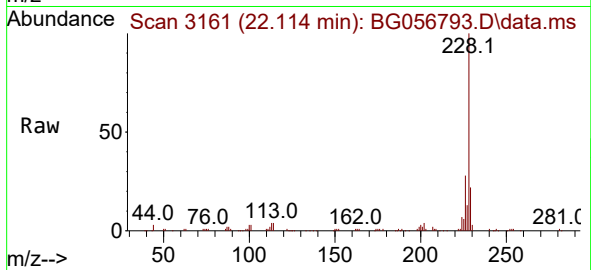
Tgt Ion:228 Resp: 109980

Ion Ratio Lower Upper

228 100

226 27.8 23.6 35.4

229 21.9 15.4 23.0



#90

Benzo(b)fluoranthene

Concen: 15.658 ng/ul

RT: 24.464 min Scan# 3561

Delta R.T. 0.007 min

Lab File: BG056793.D

Acq: 2 Mar 2023 16:45

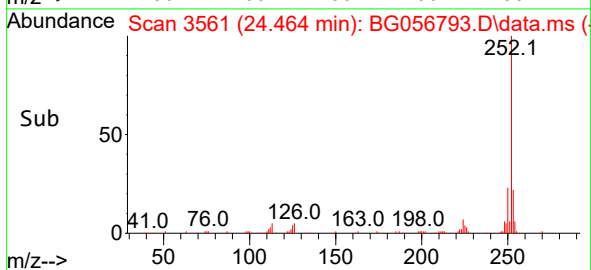
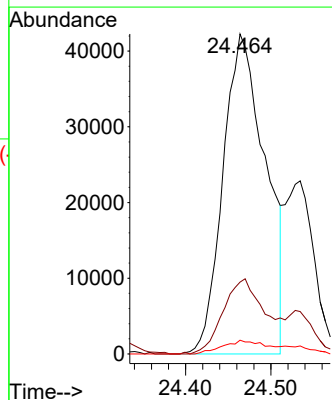
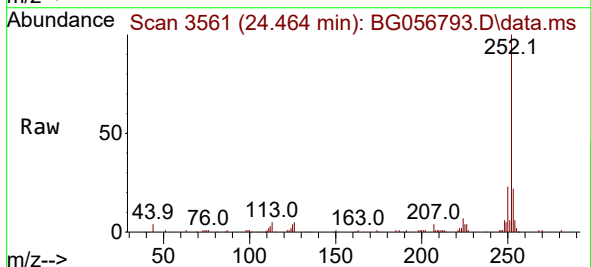
Tgt Ion:252 Resp: 146247

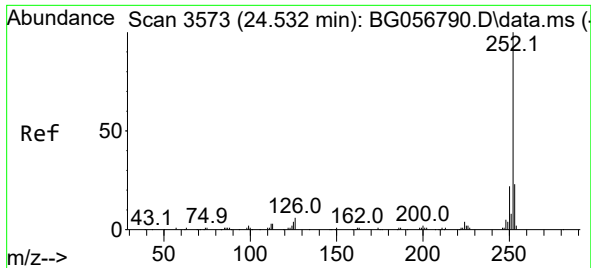
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 4.3 3.0 4.6

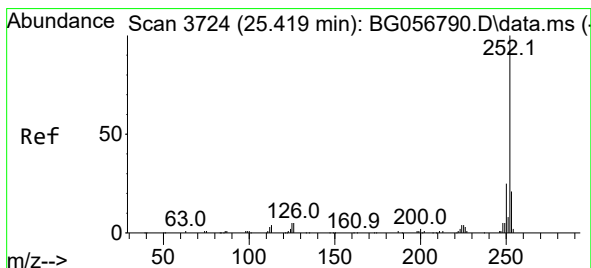
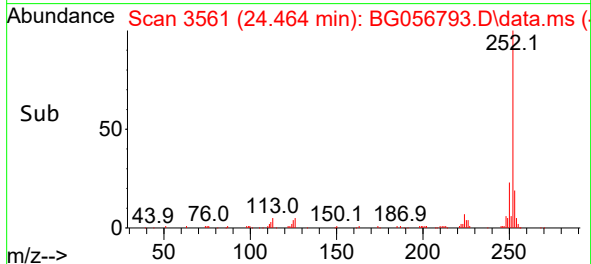
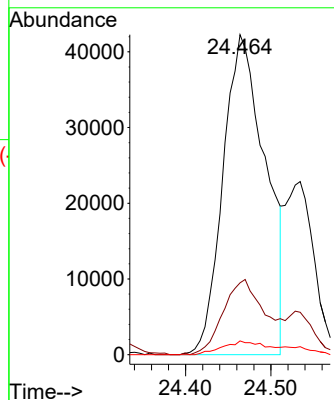
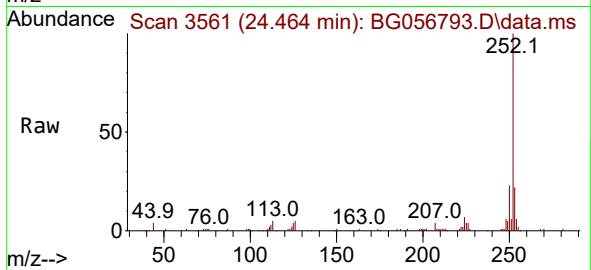




#91
Benzo(k)fluoranthene
Concen: 16.076 ng/ul
RT: 24.464 min Scan# 3561
Delta R.T. -0.070 min
Lab File: BG056793.D
Acq: 2 Mar 2023 16:45

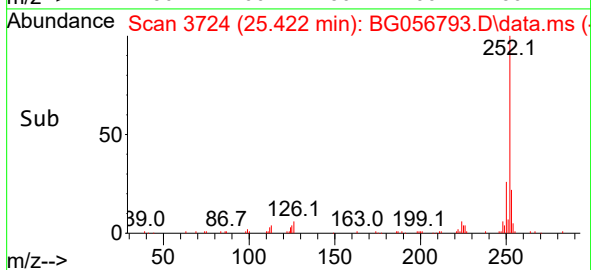
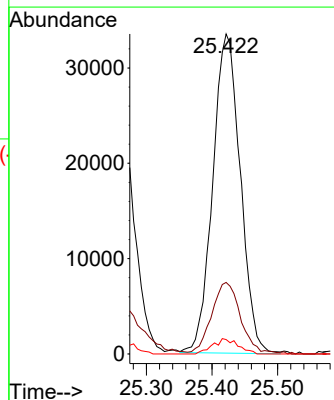
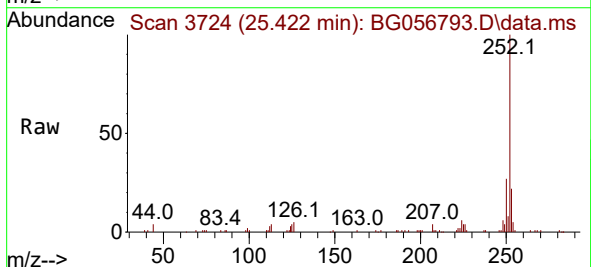
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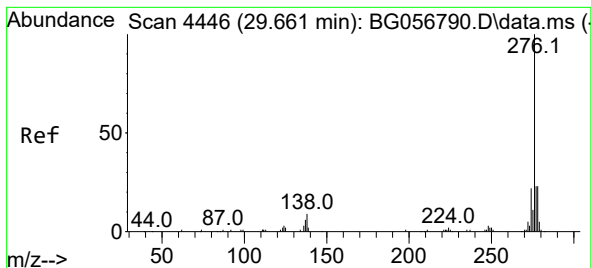
Tgt Ion:252 Resp: 146247
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 4.3 3.4 5.2



#93
Benzo(a)pyrene
Concen: 11.873 ng/ul
RT: 25.422 min Scan# 3724
Delta R.T. 0.001 min
Lab File: BG056793.D
Acq: 2 Mar 2023 16:45

Tgt Ion:252 Resp: 97479
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 4.5 3.6 5.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.539 ng/ul

RT: 29.646 min Scan# 4443

Delta R.T. 0.007 min

Lab File: BG056793.D

Acq: 2 Mar 2023 16:45

Instrument :

BNA_G

ClientSampleId :

DBAA1

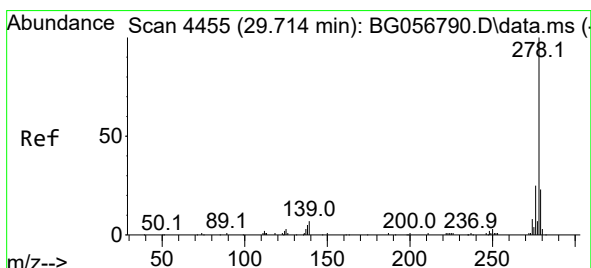
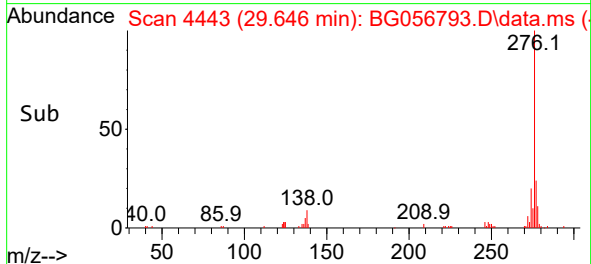
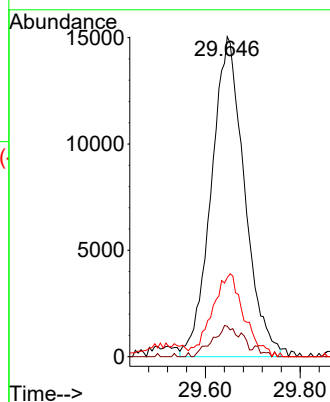
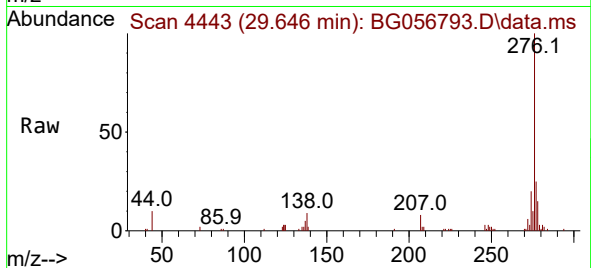
Tgt Ion:276 Resp: 72925

Ion Ratio Lower Upper

276 100

138 11.2 5.7 8.5#

277 24.7 18.1 27.1



#95

Dibenzo(a,h)anthracene

Concen: 1.252 ng/ul

RT: 29.699 min Scan# 4452

Delta R.T. -0.017 min

Lab File: BG056793.D

Acq: 2 Mar 2023 16:45

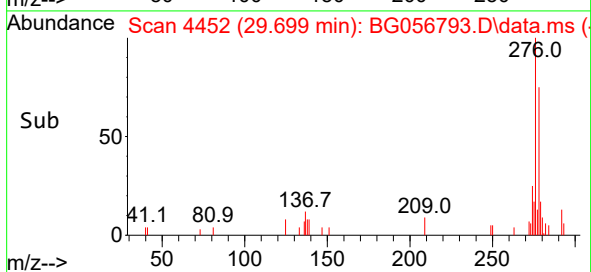
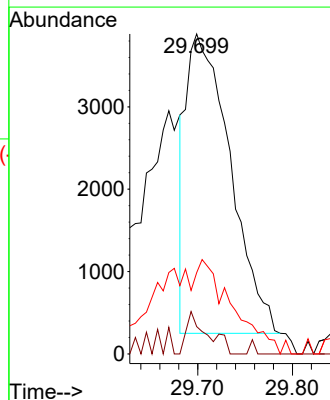
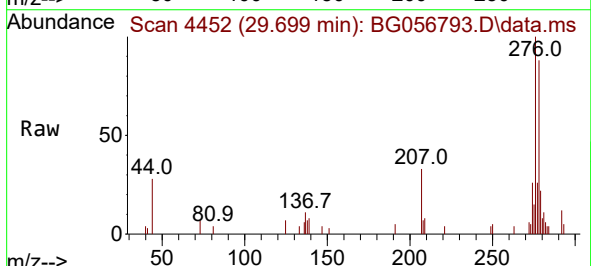
Tgt Ion:278 Resp: 11679

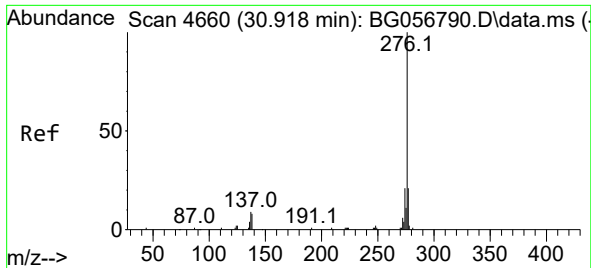
Ion Ratio Lower Upper

278 100

139 8.5 4.3 6.5#

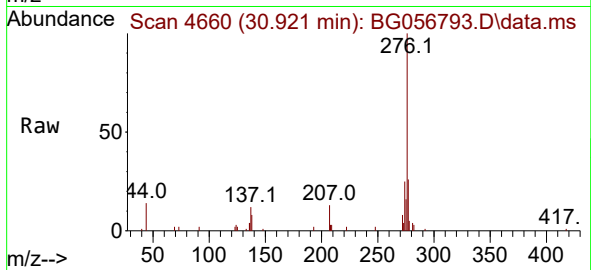
279 25.4 21.7 32.5





#96
 Benzo(g,h,i)perylene
 Concen: 3.945 ng/ul
 RT: 30.921 min Scan# 4
 Delta R.T. -0.005 min
 Lab File: BG056793.D
 Acq: 2 Mar 2023 16:45

Instrument :
 BNA_G
 ClientSampleId :
 DBAA1



Tgt Ion:276 Resp: 35140
 Ion Ratio Lower Upper
 276 100
 138 8.4 6.5 9.7
 277 26.0 20.7 31.1

