

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056121.D
 Acq On : 25 Dec 2022 13:26
 Operator : CG/JU
 Sample : N6017-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 25 22:37:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 22:54:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

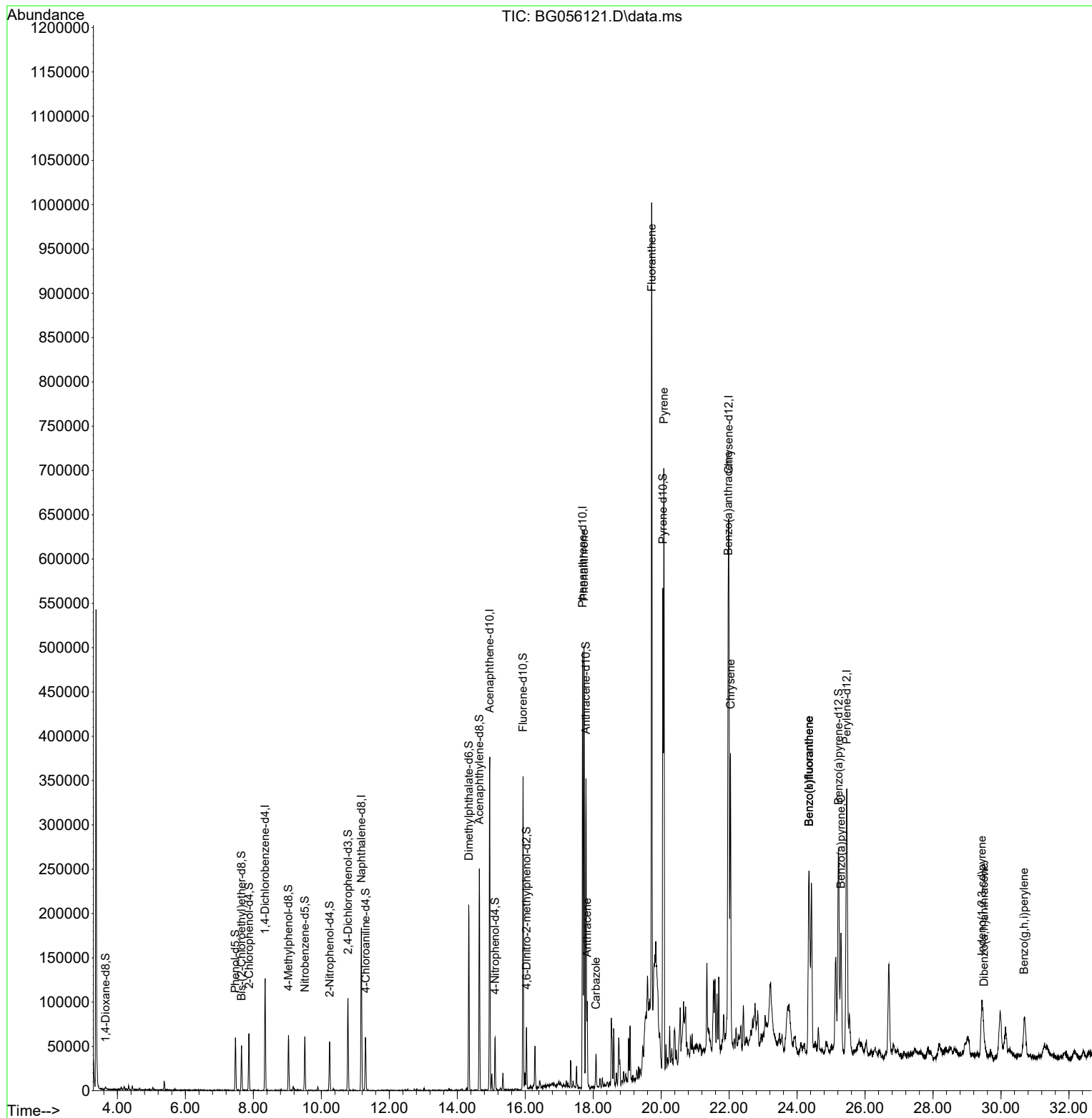
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	41177	20.000	ng/ul	0.00
20) Naphthalene-d8	11.178	136	165557	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.956	164	145788	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.688	188	349782	20.000	ng/ul	0.00
79) Chrysene-d12	21.989	240	338226	20.000	ng/ul	0.00
88) Perylene-d12	25.462	264	366718	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	2234	2.271	ng/uL	0.00
4) Pyridine-d5	4.087	84	300	0.094	ng/ul	0.00
7) Phenol-d5	7.471	99	46488	12.446	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.653	67	19836	13.474	ng/ul	0.00
11) 2-Chlorophenol-d4	7.870	132	33060	14.976	ng/ul	0.00
15) 4-Methylphenol-d8	9.034	113	27504	9.784	ng/ul	0.00
21) Nitrobenzene-d5	9.516	128	18322	15.195	ng/ul	0.00
24) 2-Nitrophenol-d4	10.244	143	24402	15.489	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.785	165	46595	13.309	ng/ul	0.00
31) 4-Chloroaniline-d4	11.302	131	35369	8.932	ng/ul	0.00
46) Dimethylphthalate-d6	14.339	166	161034	14.272	ng/ul	0.00
49) Acenaphthylene-d8	14.651	160	179119	14.057	ng/ul	0.00
54) 4-Nitrophenol-d4	15.109	143	18133	10.676	ng/ul	0.00
60) Fluorene-d10	15.937	176	150980	13.556	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.043	200	28235	12.557	ng/ul	0.00
73) Anthracene-d10	17.788	188	228855	14.158	ng/ul	0.00
81) Pyrene-d10	20.050	212	290802	15.568	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.221	264	288514	15.479	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.729	178	352530	19.853	ng/ul	99
74) Anthracene	17.823	178	71736	3.946	ng/ul	97
77) Carbazole	18.082	167	26390	1.776	ng/ul	97
80) Fluoranthene	19.721	202	653241	29.740	ng/ul	98
82) Pyrene	20.080	202	483099	21.802	ng/ul	98
85) Benzo(a)anthracene	21.972	228	274548	11.893	ng/ul	97
87) Chrysene	22.042	228	278792	13.013	ng/ul	98
90) Benzo(b)fluoranthene	24.351	252	292710	12.091	ng/ul	99
91) Benzo(k)fluoranthene	24.351	252	292710	12.391	ng/ul#	98
93) Benzo(a)pyrene	25.291	252	180768	8.569	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.439	276	129021	4.644	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.498	278	26577	1.144	ng/ul#	85
96) Benzo(g,h,i)perylene	30.679	276	49868	2.233	ng/ul#	95

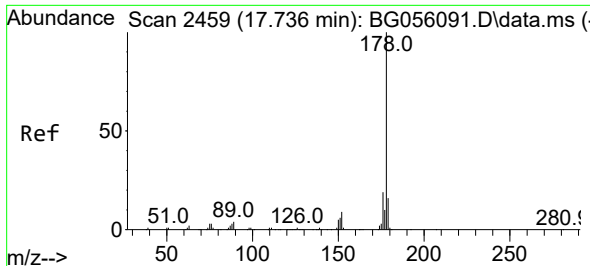
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056121.D
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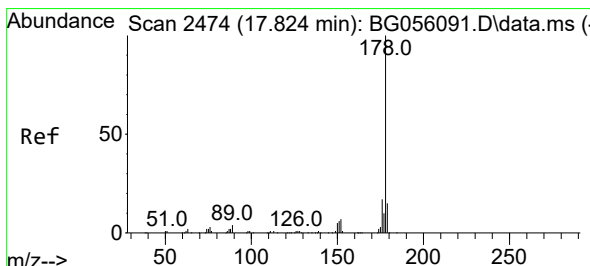
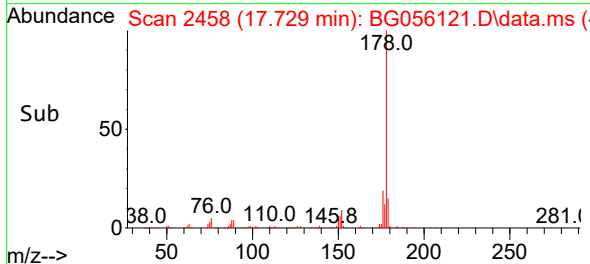
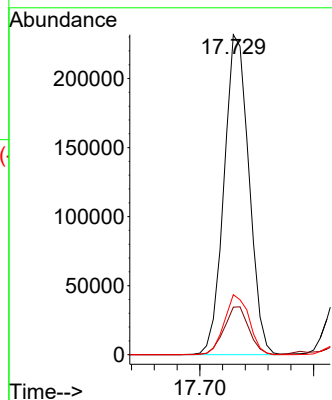
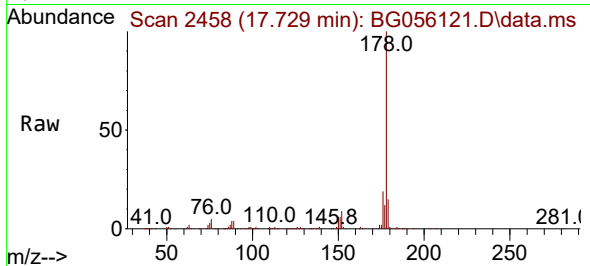




#72
Phenanthrene
Concen: 19.853 ng/ul
RT: 17.729 min Scan# 2459
Delta R.T. -0.007 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

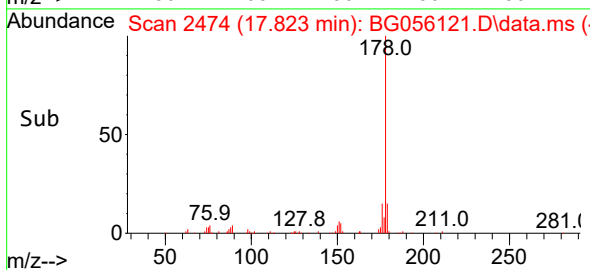
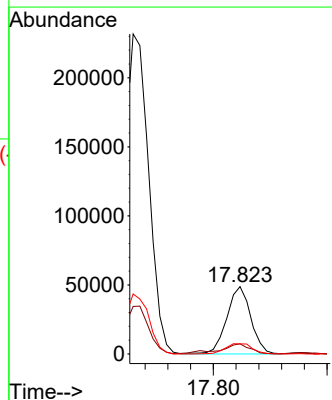
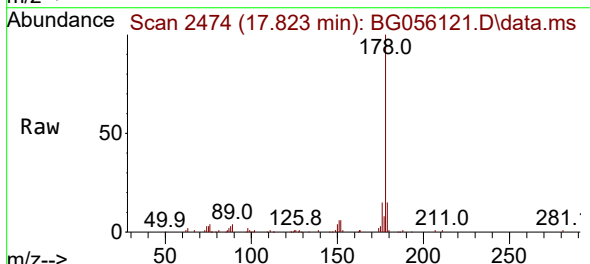
Instrument :
BNA_G
ClientSampleId :

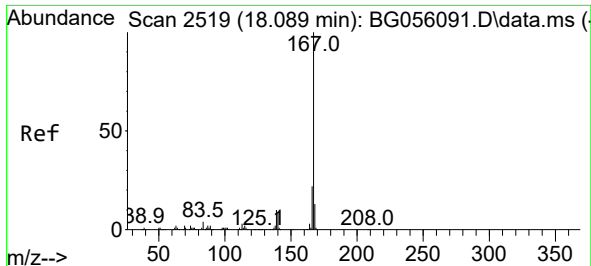
Tgt Ion:178 Resp: 352530
Ion Ratio Lower Upper
178 100
179 14.8 12.7 19.1
176 18.8 15.0 22.4



#74
Anthracene
Concen: 3.946 ng/ul
RT: 17.823 min Scan# 2474
Delta R.T. -0.001 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

Tgt Ion:178 Resp: 71736
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 15.0 13.9 20.9

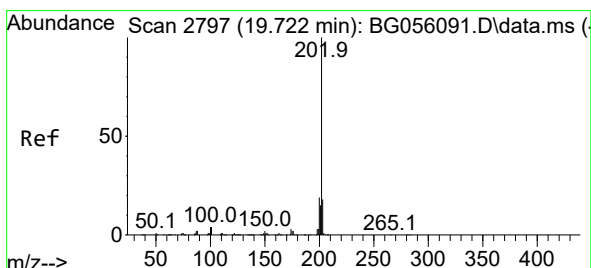
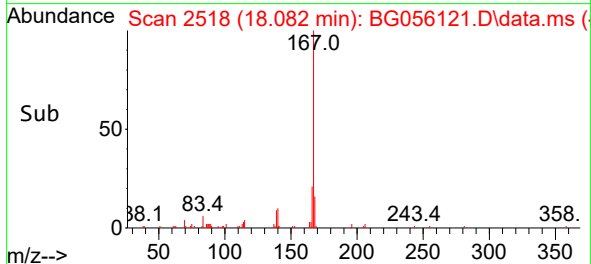
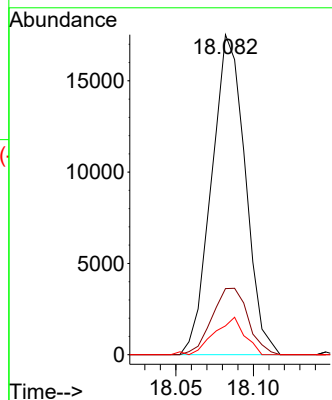
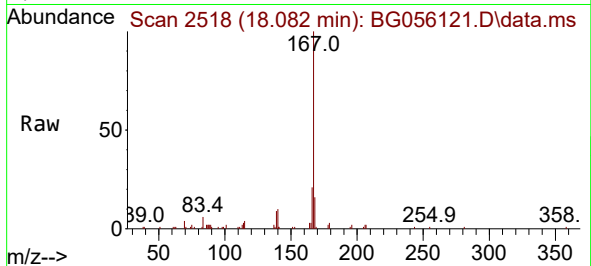




#77
 Carbazole
 Concen: 1.776 ng/ul
 RT: 18.082 min Scan# 2519
 Delta R.T. -0.007 min
 Lab File: BG056121.D
 Acq: 25 Dec 2022 13:26

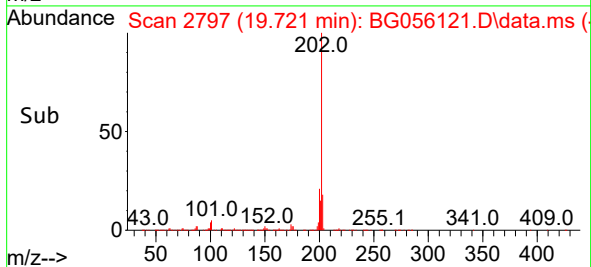
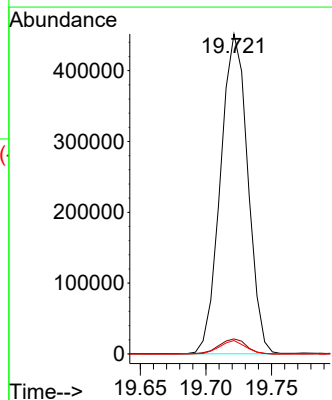
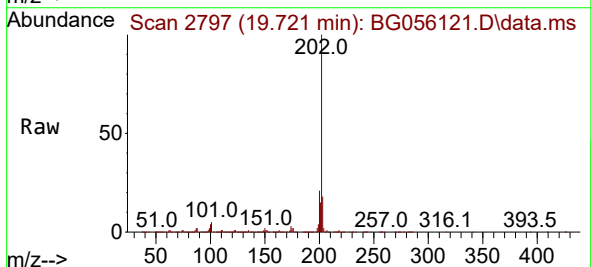
Instrument :
 BNA_G
 ClientSampleId :

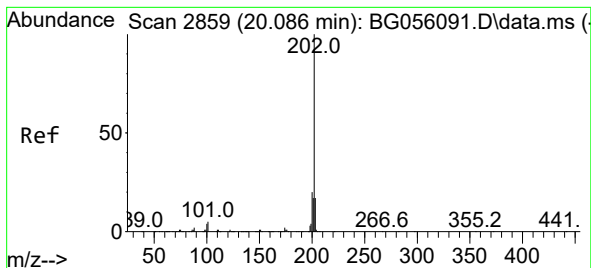
Tgt Ion:167 Resp: 26390
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.4 26.0
 139 9.0 8.3 12.5



#80
 Fluoranthene
 Concen: 29.740 ng/ul
 RT: 19.721 min Scan# 2797
 Delta R.T. -0.001 min
 Lab File: BG056121.D
 Acq: 25 Dec 2022 13:26

Tgt Ion:202 Resp: 653241
 Ion Ratio Lower Upper
 202 100
 101 4.7 3.2 4.8
 100 4.2 3.0 4.4





#82

Pyrene

Concen: 21.802 ng/ul

RT: 20.080 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG056121.D

Acq: 25 Dec 2022 13:26

Instrument :

BNA_G

ClientSampleId :

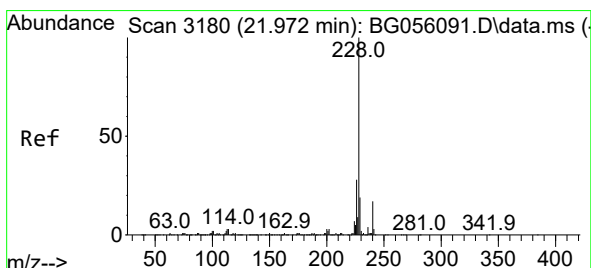
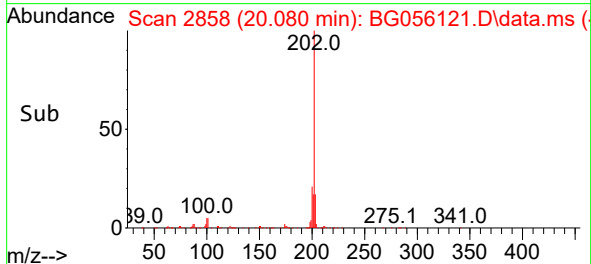
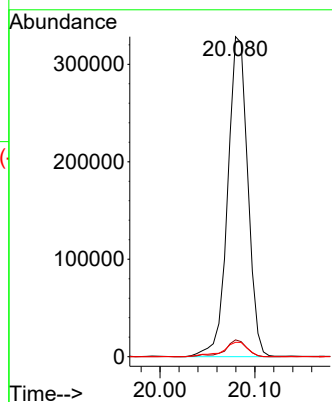
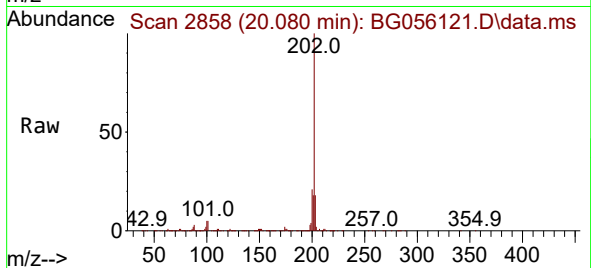
Tgt Ion:202 Resp: 483099

Ion Ratio Lower Upper

202 100

101 5.3 3.6 5.4

100 4.5 3.3 4.9



#85

Benzo(a)anthracene

Concen: 11.893 ng/ul

RT: 21.972 min Scan# 3180

Delta R.T. -0.001 min

Lab File: BG056121.D

Acq: 25 Dec 2022 13:26

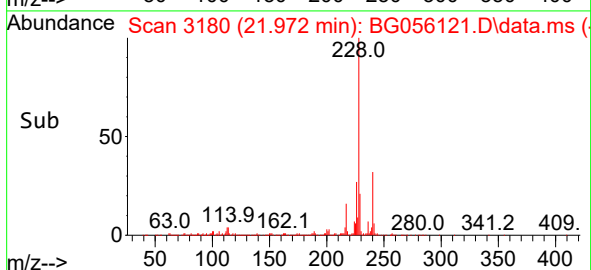
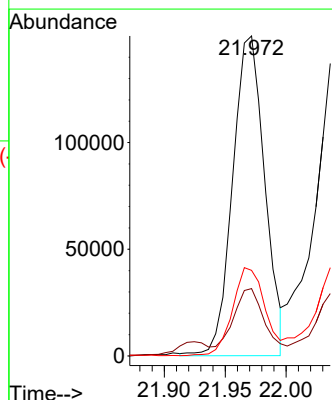
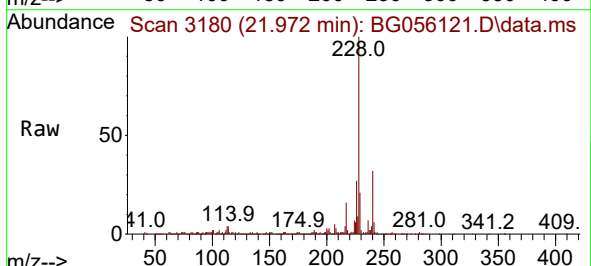
Tgt Ion:228 Resp: 274548

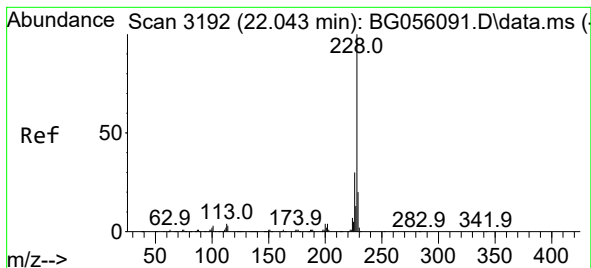
Ion Ratio Lower Upper

228 100

229 21.1 15.5 23.3

226 26.7 22.3 33.5





#87

Chrysene

Concen: 13.013 ng/ul

RT: 22.042 min Scan# 3192

Delta R.T. -0.001 min

Lab File: BG056121.D

Acq: 25 Dec 2022 13:26

Instrument :

BNA_G

ClientSampleId :

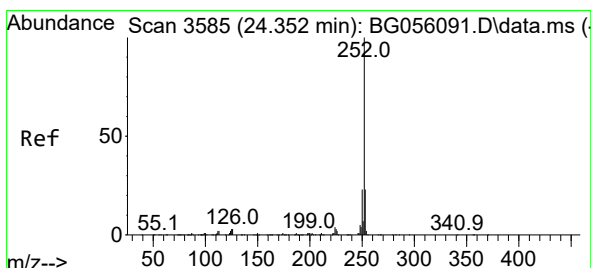
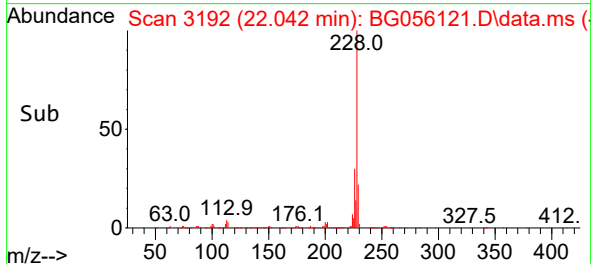
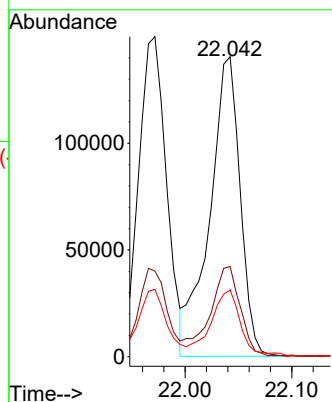
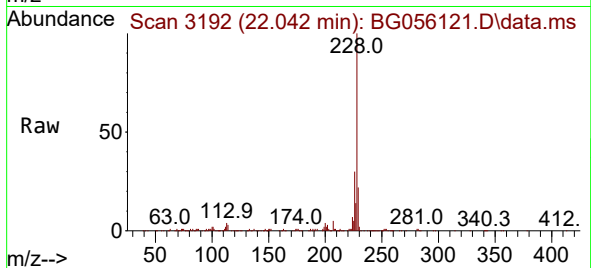
Tgt Ion:228 Resp: 278792

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 22.3 16.2 24.4



#90

Benzo(b)fluoranthene

Concen: 12.091 ng/ul

RT: 24.351 min Scan# 3585

Delta R.T. -0.001 min

Lab File: BG056121.D

Acq: 25 Dec 2022 13:26

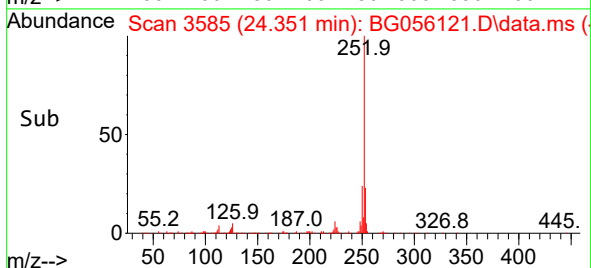
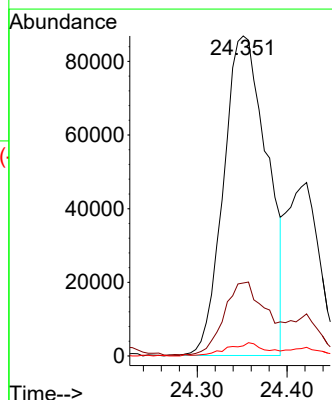
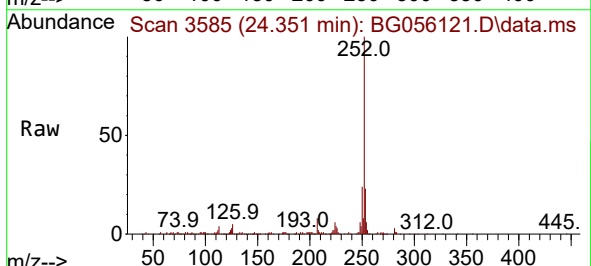
Tgt Ion:252 Resp: 292710

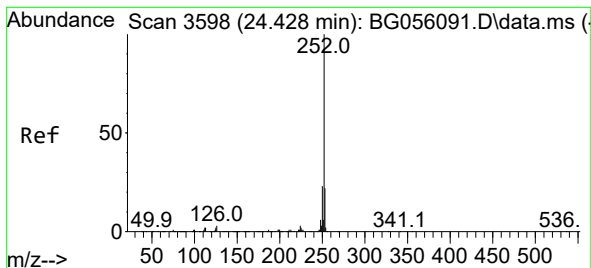
Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

125 3.2 2.2 3.4





#91

Benzo(k)fluoranthene

Concen: 12.391 ng/ul

RT: 24.351 min Scan# 3

Delta R.T. -0.077 min

Lab File: BG056121.D

Acq: 25 Dec 2022 13:26

Instrument :

BNA_G

ClientSampleId :

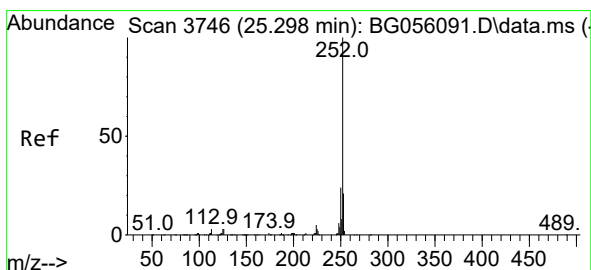
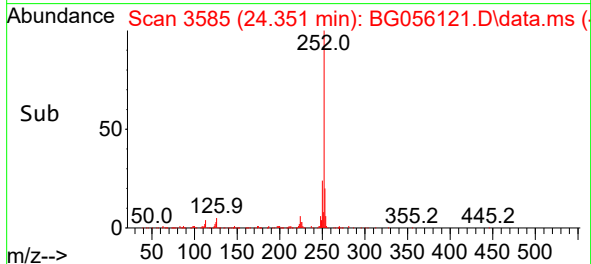
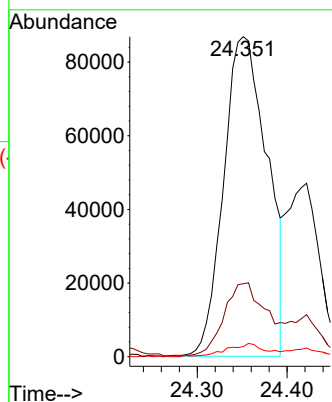
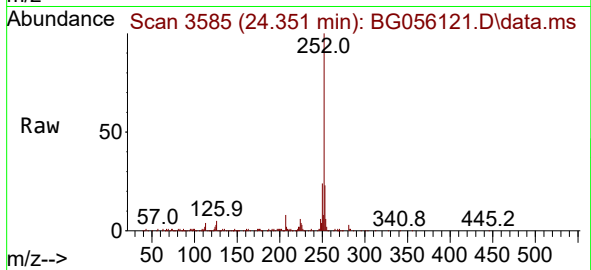
Tgt Ion:252 Resp: 292710

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 3.2 2.0 3.0#



#93

Benzo(a)pyrene

Concen: 8.569 ng/ul

RT: 25.291 min Scan# 3745

Delta R.T. -0.007 min

Lab File: BG056121.D

Acq: 25 Dec 2022 13:26

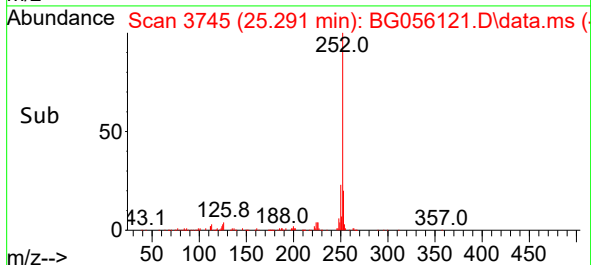
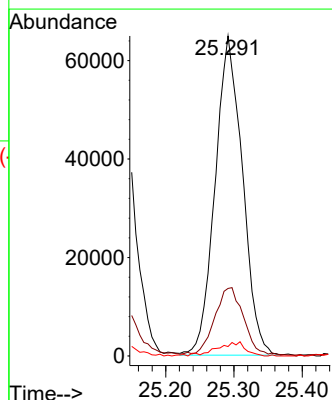
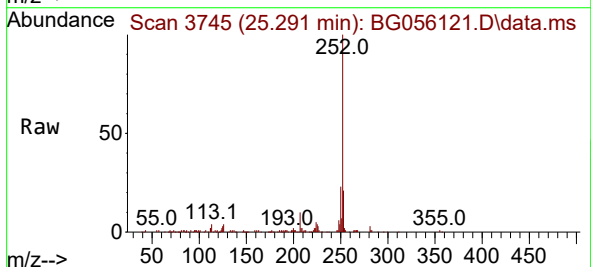
Tgt Ion:252 Resp: 180768

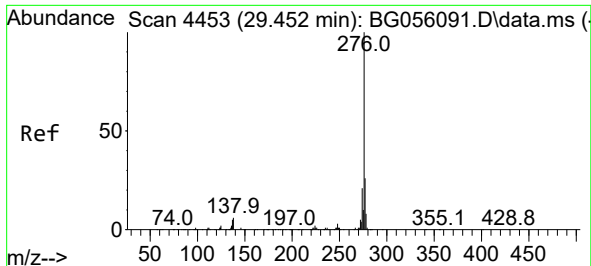
Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.6

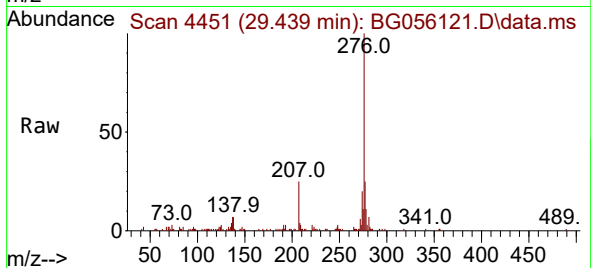
125 3.0 2.3 3.5



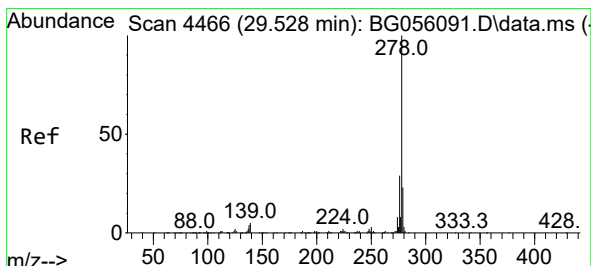
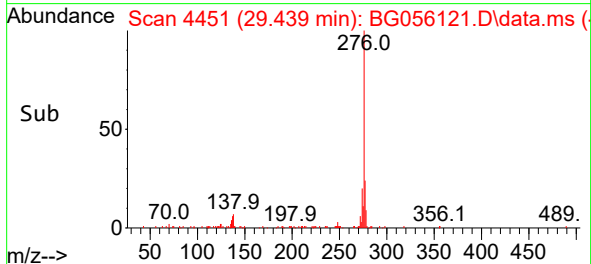
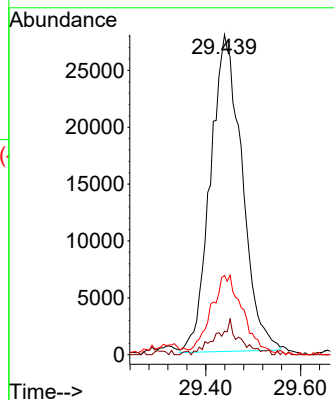


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 4.644 ng/ul
 RT: 29.439 min Scan# 4451
 Delta R.T. -0.012 min
 Lab File: BG056121.D
 Acq: 25 Dec 2022 13:26

Instrument :
 BNA_G
 ClientSampleId :

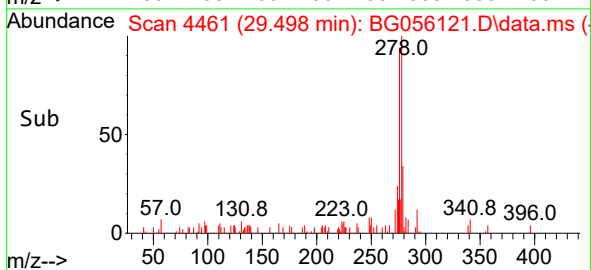
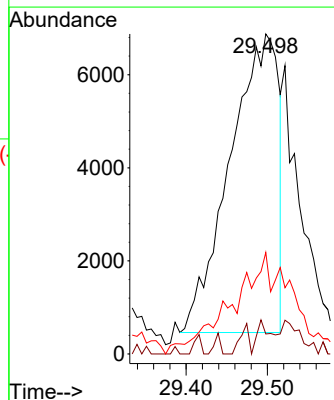
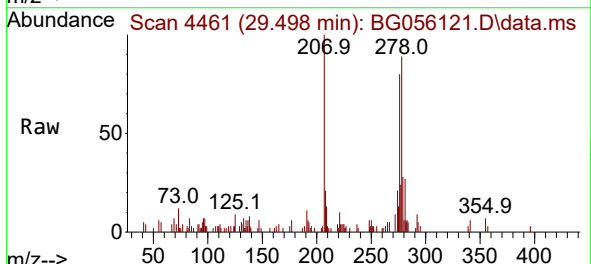


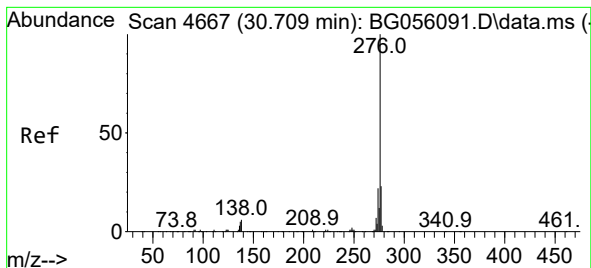
Tgt Ion:276 Resp: 129021
 Ion Ratio Lower Upper
 276 100
 138 8.3 4.4 6.6#
 277 24.8 20.7 31.1



#95
 Dibenzo(a,h)anthracene
 Concen: 1.144 ng/ul
 RT: 29.498 min Scan# 4461
 Delta R.T. -0.030 min
 Lab File: BG056121.D
 Acq: 25 Dec 2022 13:26

Tgt Ion:278 Resp: 26577
 Ion Ratio Lower Upper
 278 100
 139 6.2 4.3 6.5
 279 31.7 18.3 27.5#





#96

Benzo(g,h,i)perylene

Concen: 2.233 ng/ul

RT: 30.679 min Scan# 4

Delta R.T. -0.030 min

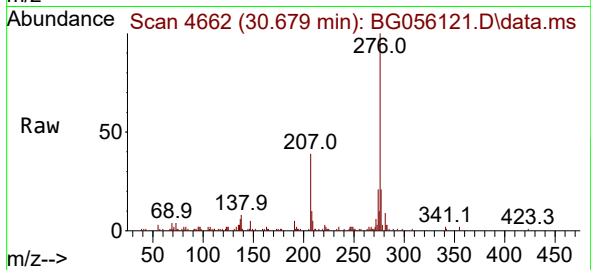
Lab File: BG056121.D

Acq: 25 Dec 2022 13:26

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:276 Resp: 49868

Ion Ratio Lower Upper

276 100

138 8.6 5.1 7.7#

277 21.2 18.5 27.7

