

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056122.D
 Acq On : 25 Dec 2022 14:49
 Operator : CG/JU
 Sample : N6017-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 25 22:38:06 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)

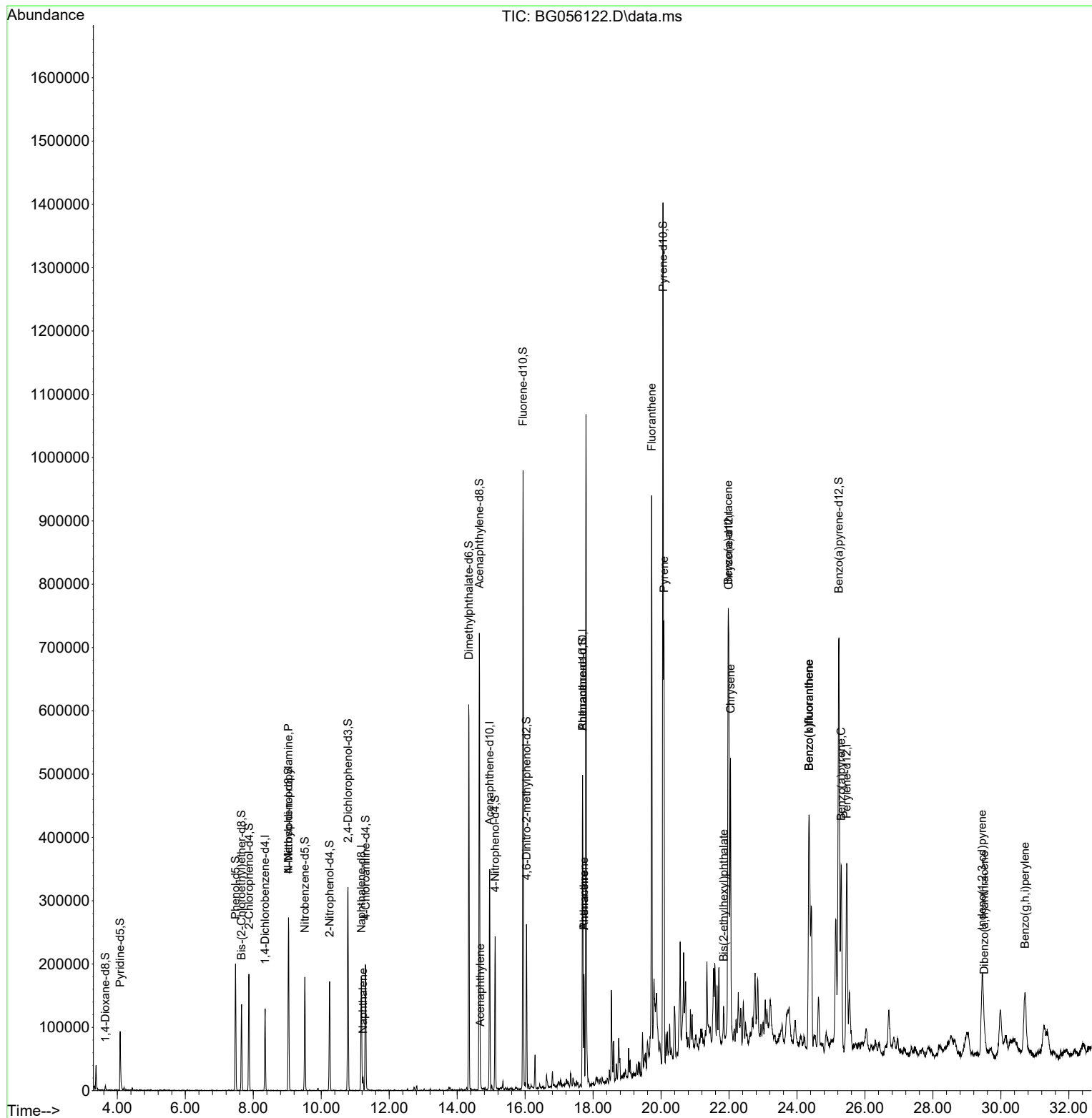
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	40150	20.000	ng/ul	0.00
20) Naphthalene-d8	11.179	136	160198	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.957	164	137145	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.689	188	338955	20.000	ng/ul	0.00
79) Chrysene-d12	21.990	240	327375	20.000	ng/ul	0.00
88) Perylene-d12	25.462	264	345260	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	5242	5.465	ng/uL	0.00
4) Pyridine-d5	4.082	84	86795	27.754	ng/ul	0.00
7) Phenol-d5	7.478	99	151121	41.494	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.654	67	56198	39.151	ng/ul	0.00
11) 2-Chlorophenol-d4	7.871	132	96952	45.041	ng/ul	0.00
15) 4-Methylphenol-d8	9.035	113	114173	41.654	ng/ul	0.00
21) Nitrobenzene-d5	9.516	128	52938	45.371	ng/ul	0.00
24) 2-Nitrophenol-d4	10.245	143	73839	48.437	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.785	165	145919	43.075	ng/ul	0.00
31) 4-Chloroaniline-d4	11.302	131	115901	30.248	ng/ul	0.00
46) Dimethylphthalate-d6	14.340	166	465033	43.811	ng/ul	0.00
49) Acenaphthylene-d8	14.651	160	523582	43.679	ng/ul	0.00
54) 4-Nitrophenol-d4	15.116	143	70987	44.428	ng/ul	0.00
60) Fluorene-d10	15.938	176	441362	42.126	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.038	200	99889	45.843	ng/ul	0.00
73) Anthracene-d10	17.689	188	338955	21.640	ng/ul	-0.10
81) Pyrene-d10	20.057	212	828498	45.824	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.233	264	835451	47.607	ng/ul	0.01
Target Compounds						Qvalue
17) N-Nitroso-di-n-propyla...	9.035	70	2547	1.327	ng/ul#	1
30) Naphthalene	11.226	128	19011	2.278	ng/ul#	94
50) Acenaphthylene	14.681	152	14239	1.195	ng/ul#	93
72) Phenanthrene	17.730	178	121783	7.077	ng/ul	99
74) Anthracene	17.730	178	121783	6.913	ng/ul	96
80) Fluoranthene	19.722	202	604246	28.421	ng/ul	99
82) Pyrene	20.086	202	482705	22.507	ng/ul#	98
85) Benzo(a)anthracene	21.972	228	393306	17.602	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.837	149	8847	1.265	ng/ul#	97
87) Chrysene	22.043	228	383700	18.503	ng/ul	97
90) Benzo(b)fluoranthene	24.352	252	564087	24.749	ng/ul#	97
91) Benzo(k)fluoranthene	24.352	252	564087	25.362	ng/ul#	99
93) Benzo(a)pyrene	25.298	252	358590	18.055	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.446	276	136005	5.199	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.505	278	45674	2.087	ng/ul	97
96) Benzo(g,h,i)perylene	30.709	276	253597	12.063	ng/ul	99

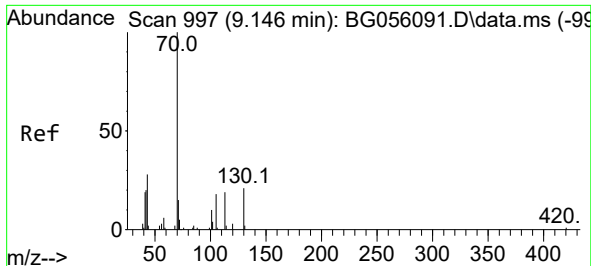
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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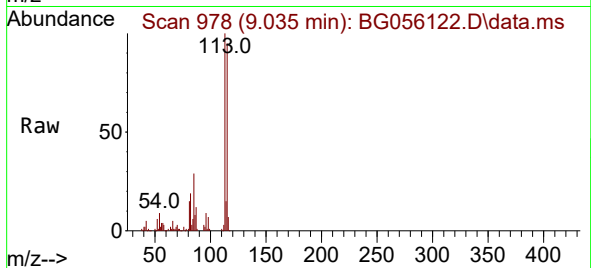
Quant Time: Dec 25 22:38:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
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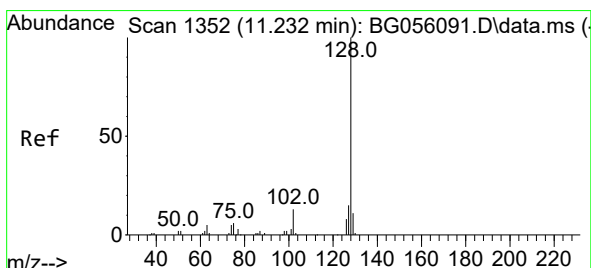
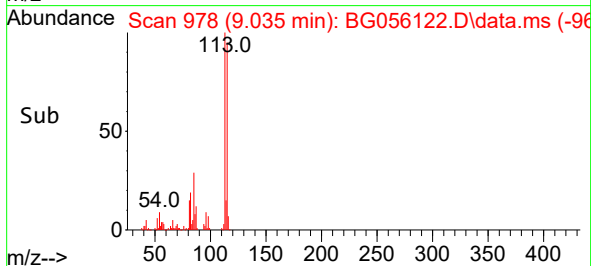
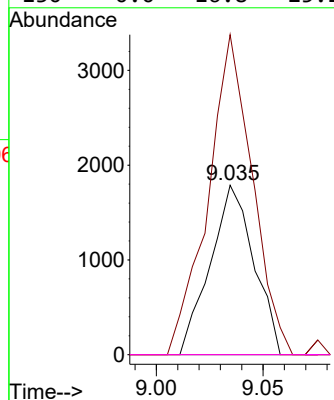


#17
N-Nitroso-di-n-propylamine
Concen: 1.327 ng/ul
RT: 9.035 min Scan# 91
Delta R.T. -0.112 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

Instrument :
BNA_G
ClientSampleId :

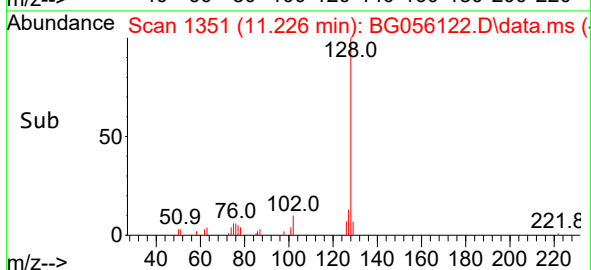
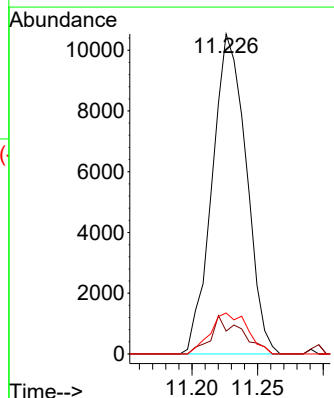
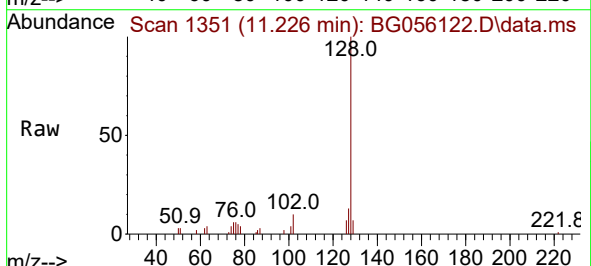


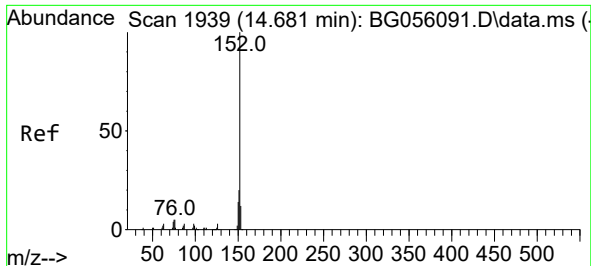
Tgt Ion: 70	Resp: 2547
Ion Ratio	Lower Upper
70 100	
42 188.8	16.1 24.1#
101 0.0	8.4 12.6#
130 0.0	16.8 25.2#



#30
Naphthalene
Concen: 2.278 ng/ul
RT: 11.226 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

Tgt Ion:128	Resp: 19011
Ion Ratio	Lower Upper
128 100	
129 7.1	8.4 12.6#
127 12.8	11.6 17.4

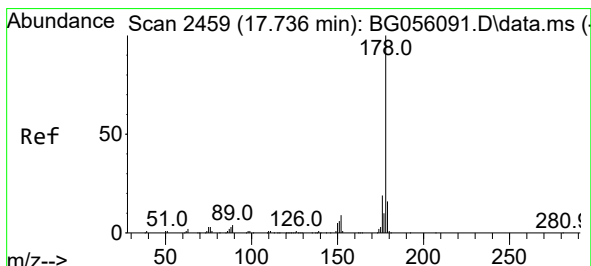
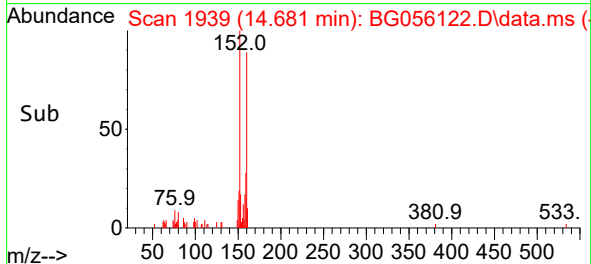
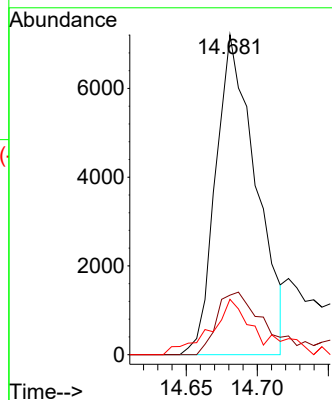
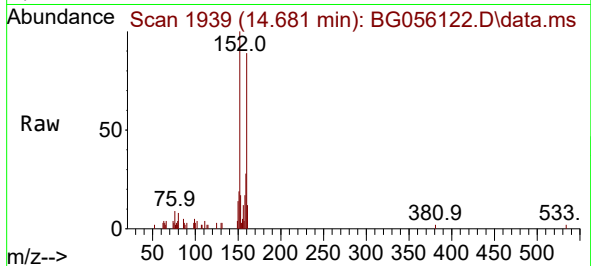




#50
Acenaphthylene
Concen: 1.195 ng/ul
RT: 14.681 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

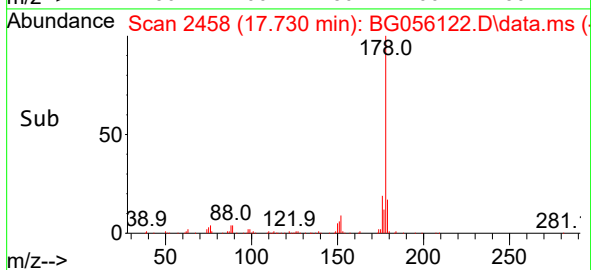
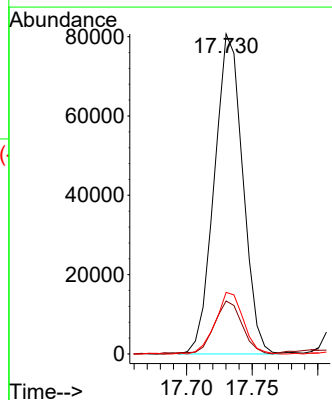
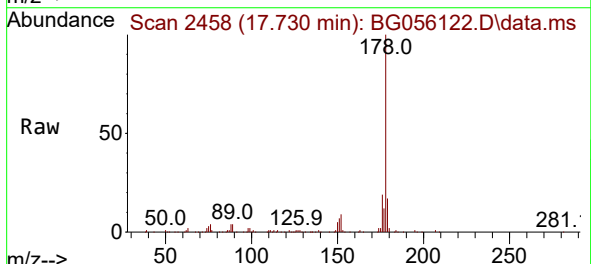
Instrument :
BNA_G
ClientSampleId :

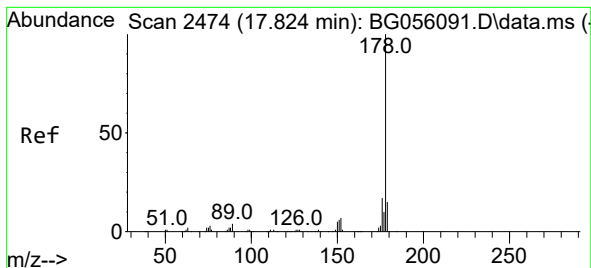
Tgt Ion:152 Resp: 14239
Ion Ratio Lower Upper
152 100
151 18.6 16.2 24.2
153 17.3 9.7 14.5#



#72
Phenanthrene
Concen: 7.077 ng/ul
RT: 17.730 min Scan# 2458
Delta R.T. -0.006 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

Tgt Ion:178 Resp: 121783
Ion Ratio Lower Upper
178 100
179 16.6 12.7 19.1
176 19.3 15.0 22.4





#74

Anthracene

Concen: 6.913 ng/ul

RT: 17.730 min Scan# 2474

Delta R.T. -0.094 min

Lab File: BG056122.D

Acq: 25 Dec 2022 14:49

Instrument :

BNA_G

ClientSampleId :

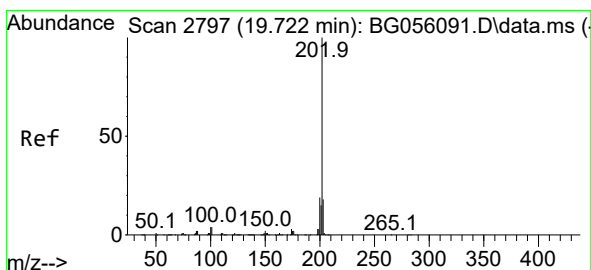
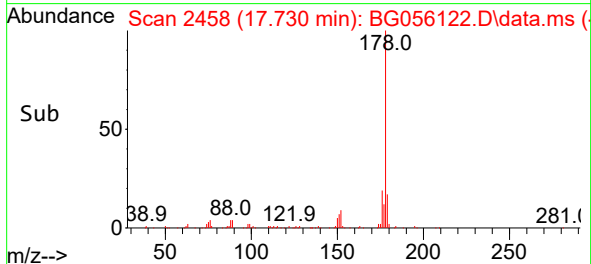
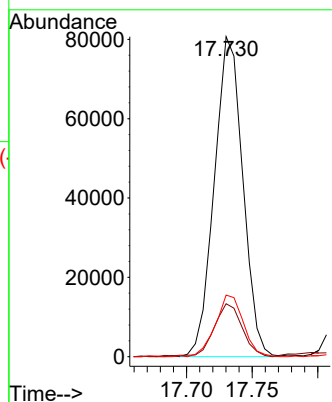
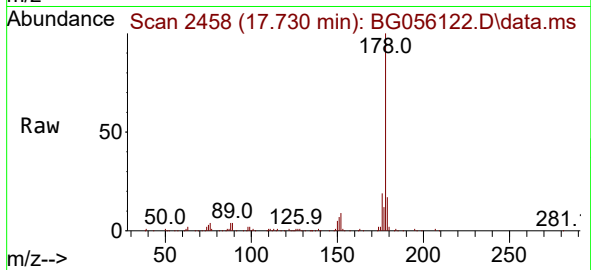
Tgt Ion:178 Resp: 121783

Ion Ratio Lower Upper

178 100

179 16.6 12.1 18.1

176 19.3 13.9 20.9



#80

Fluoranthene

Concen: 28.421 ng/ul

RT: 19.722 min Scan# 2797

Delta R.T. 0.000 min

Lab File: BG056122.D

Acq: 25 Dec 2022 14:49

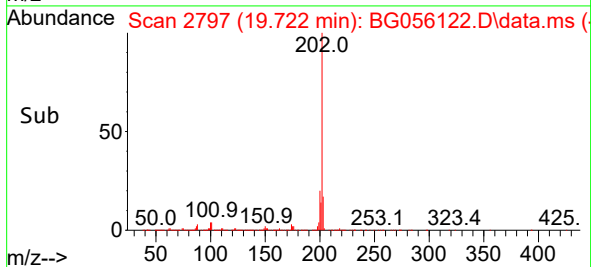
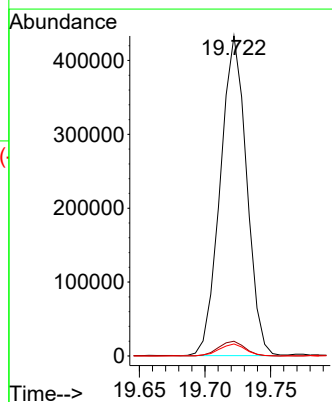
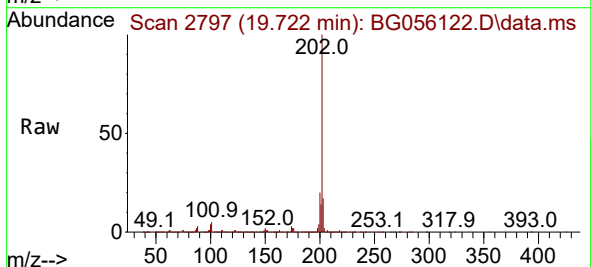
Tgt Ion:202 Resp: 604246

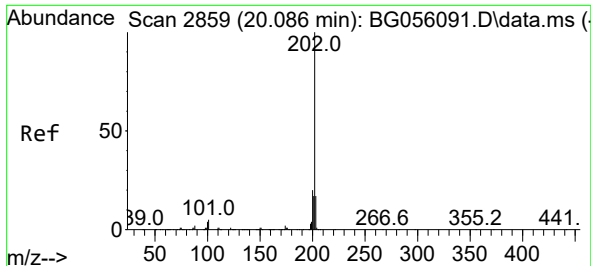
Ion Ratio Lower Upper

202 100

101 4.6 3.2 4.8

100 3.7 3.0 4.4

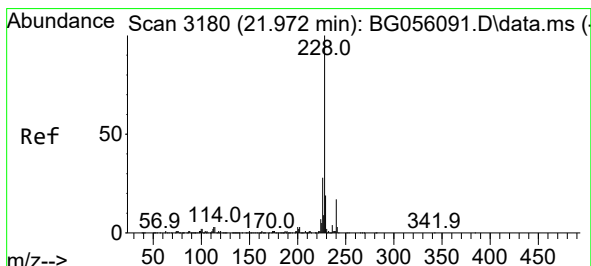
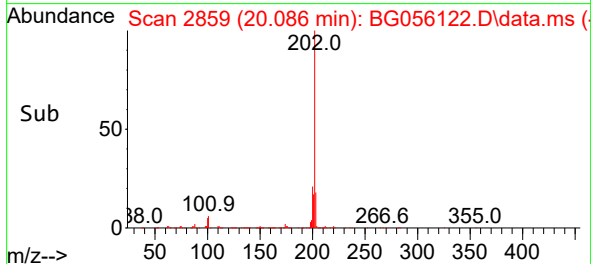
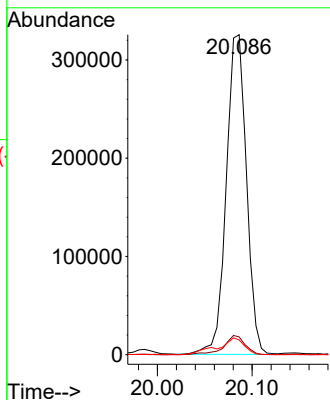
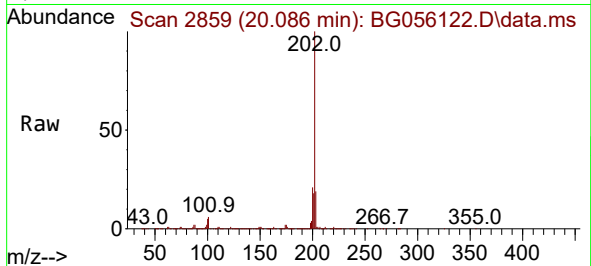




#82
 Pyrene
 Concen: 22.507 ng/ul
 RT: 20.086 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056122.D
 Acq: 25 Dec 2022 14:49

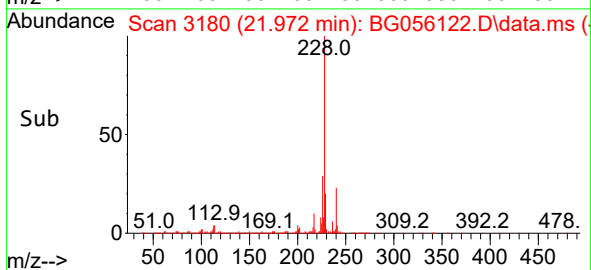
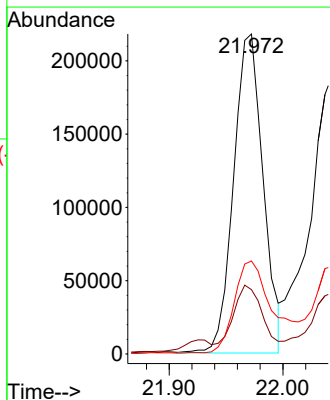
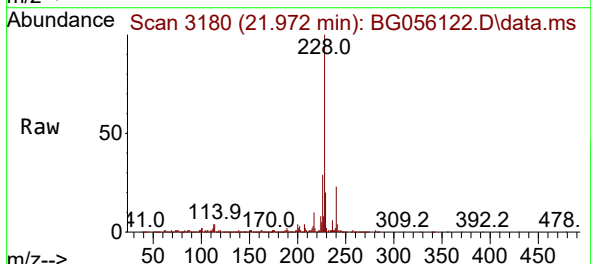
Instrument :
 BNA_G
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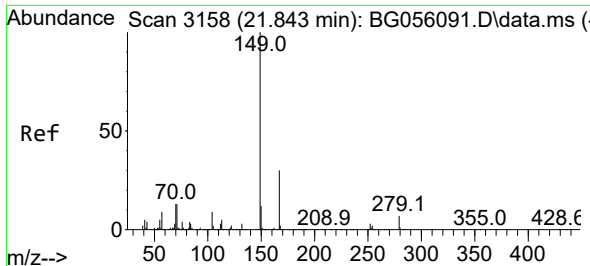
Tgt Ion:202 Resp: 482705
 Ion Ratio Lower Upper
 202 100
 101 5.6 3.6 5.4#
 100 4.6 3.3 4.9



#85
 Benzo(a)anthracene
 Concen: 17.602 ng/ul
 RT: 21.972 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: BG056122.D
 Acq: 25 Dec 2022 14:49

Tgt Ion:228 Resp: 393306
 Ion Ratio Lower Upper
 228 100
 229 20.1 15.5 23.3
 226 29.1 22.3 33.5

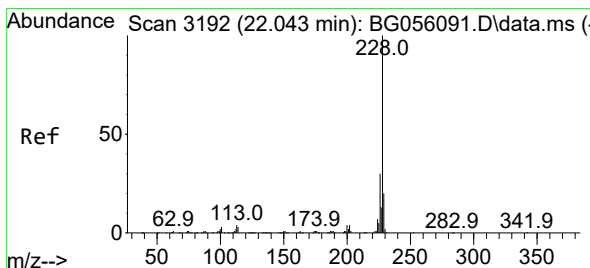
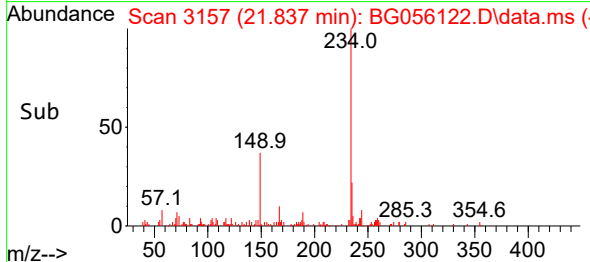
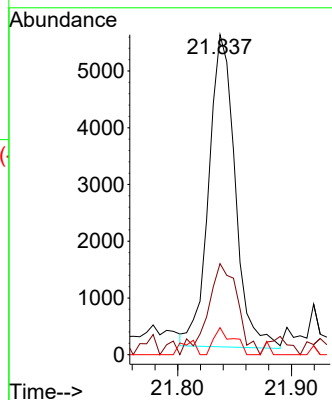
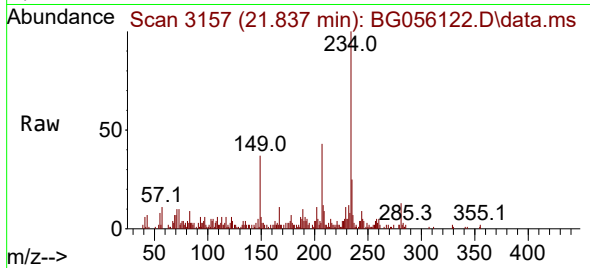




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.265 ng/ul
RT: 21.837 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

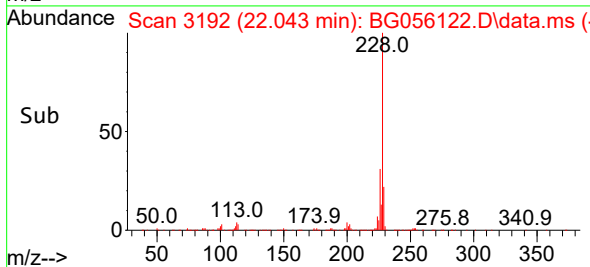
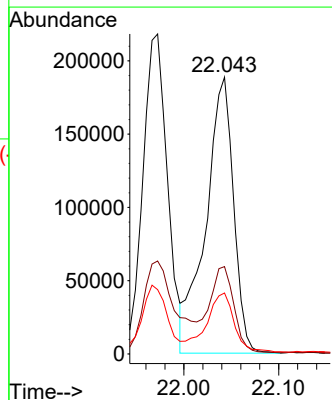
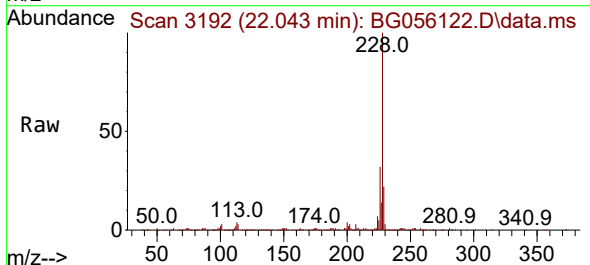
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BNA_G
ClientSampleId :

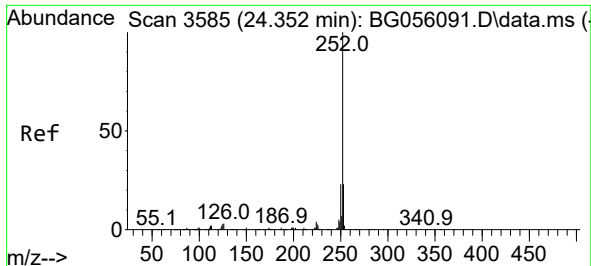
Tgt Ion:149 Resp: 8847
Ion Ratio Lower Upper
149 100
167 28.5 23.7 35.5
279 8.4 5.4 8.0#



#87
Chrysene
Concen: 18.503 ng/ul
RT: 22.043 min Scan# 3192
Delta R.T. 0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

Tgt Ion:228 Resp: 383700
Ion Ratio Lower Upper
228 100
226 31.5 23.9 35.9
229 22.0 16.2 24.4

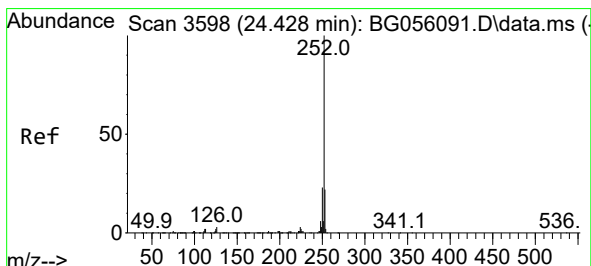
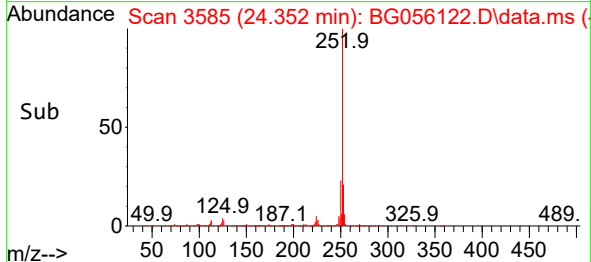
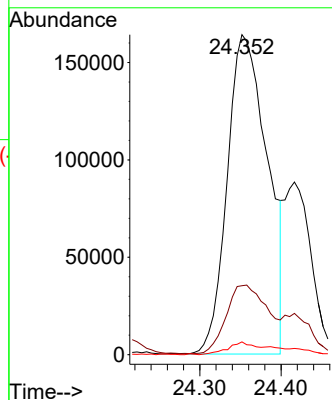
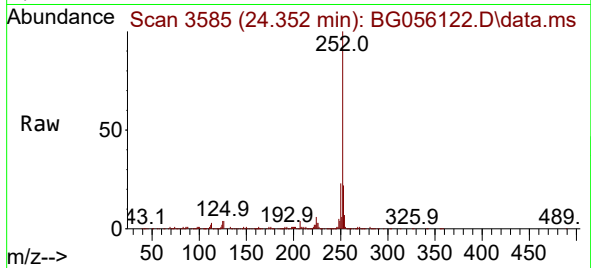




#90
Benzo(b)fluoranthene
Concen: 24.749 ng/ul
RT: 24.352 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

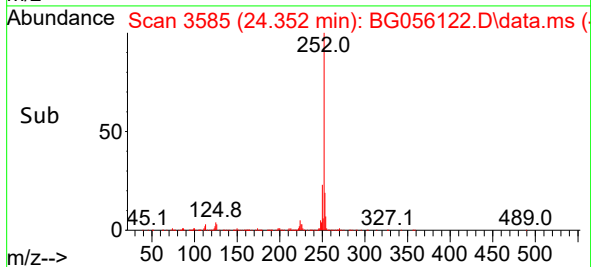
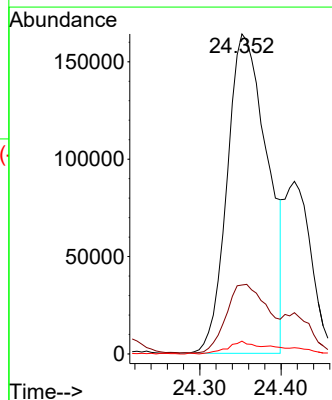
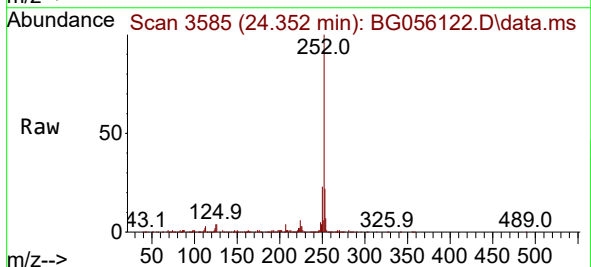
Instrument :
BNA_G
ClientSampleId :

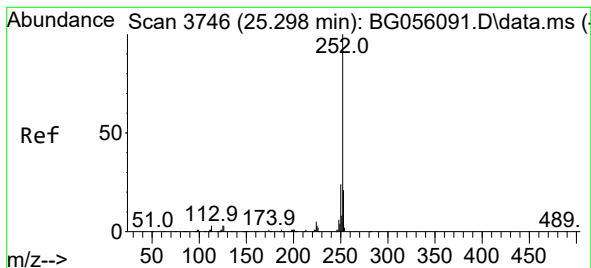
Tgt Ion:252 Resp: 564087
Ion Ratio Lower Upper
252 100
253 21.6 18.5 27.7
125 4.0 2.2 3.4#



#91
Benzo(k)fluoranthene
Concen: 25.362 ng/ul
RT: 24.352 min Scan# 3585
Delta R.T. -0.076 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

Tgt Ion:252 Resp: 564087
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 4.0 2.0 3.0#





#93

Benzo(a)pyrene

Concen: 18.055 ng/ul

RT: 25.298 min Scan# 3

Delta R.T. -0.000 min

Lab File: BG056122.D

Acq: 25 Dec 2022 14:49

Instrument :

BNA_G

ClientSampleId :

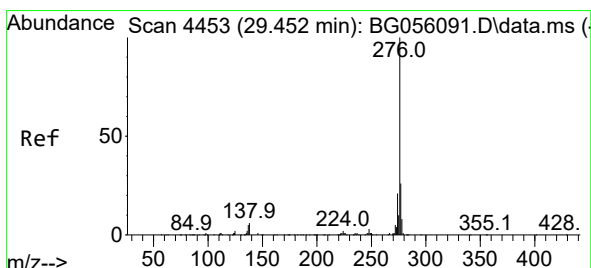
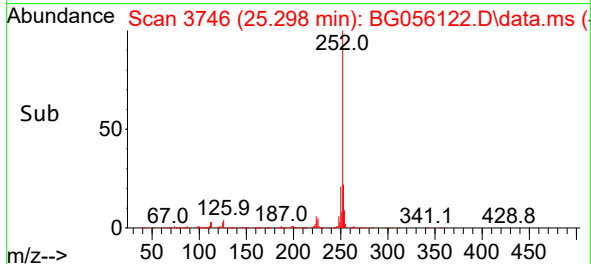
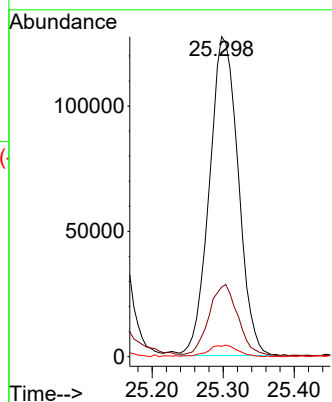
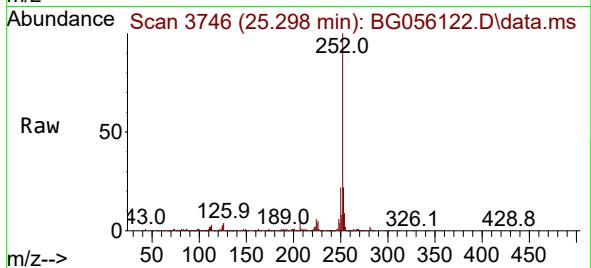
Tgt Ion:252 Resp: 358590

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 3.3 2.3 3.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.199 ng/ul

RT: 29.446 min Scan# 4452

Delta R.T. -0.006 min

Lab File: BG056122.D

Acq: 25 Dec 2022 14:49

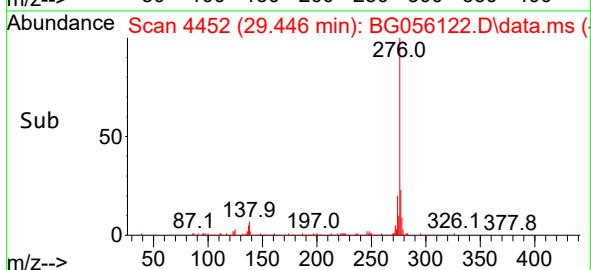
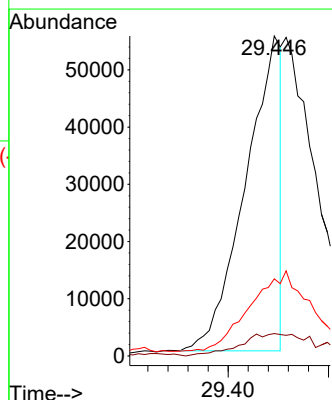
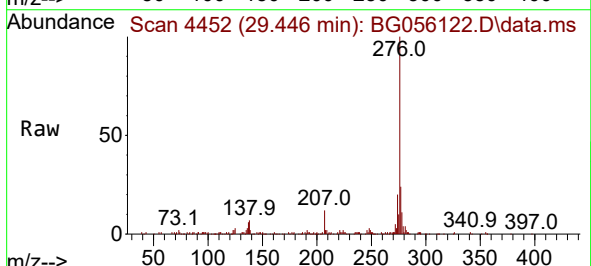
Tgt Ion:276 Resp: 136005

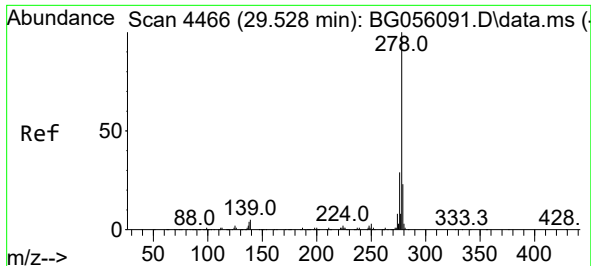
Ion Ratio Lower Upper

276 100

138 8.9 4.4 6.6#

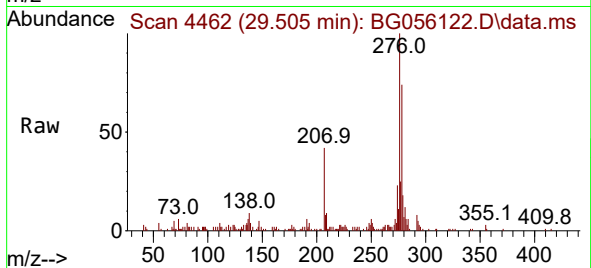
277 24.1 20.7 31.1



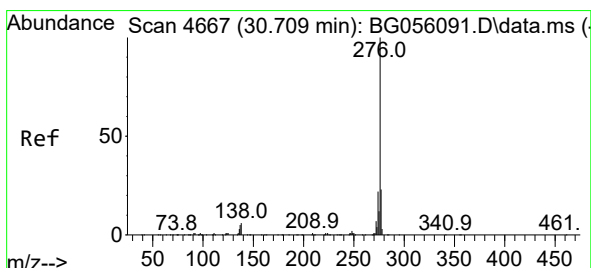
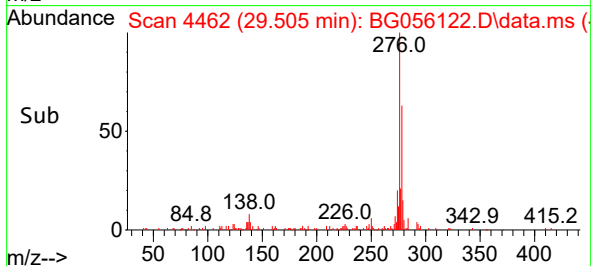
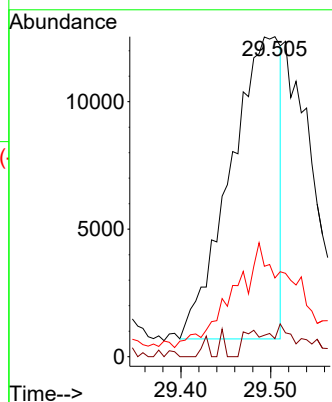


#95
 Dibenzo(a,h)anthracene
 Concen: 2.087 ng/ul
 RT: 29.505 min Scan# 4466
 Delta R.T. -0.023 min
 Lab File: BG056122.D
 Acq: 25 Dec 2022 14:49

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:278 Resp: 45674
 Ion Ratio Lower Upper
 278 100
 139 5.6 4.3 6.5
 279 24.6 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 12.063 ng/ul
 RT: 30.709 min Scan# 4667
 Delta R.T. 0.000 min
 Lab File: BG056122.D
 Acq: 25 Dec 2022 14:49

Tgt Ion:276 Resp: 253597
 Ion Ratio Lower Upper
 276 100
 138 7.2 5.1 7.7
 277 22.9 18.5 27.7

