

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057963.D
 Acq On : 3 Jul 2023 20:31
 Operator : CG/JU
 Sample : 03246-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 04 00:56:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

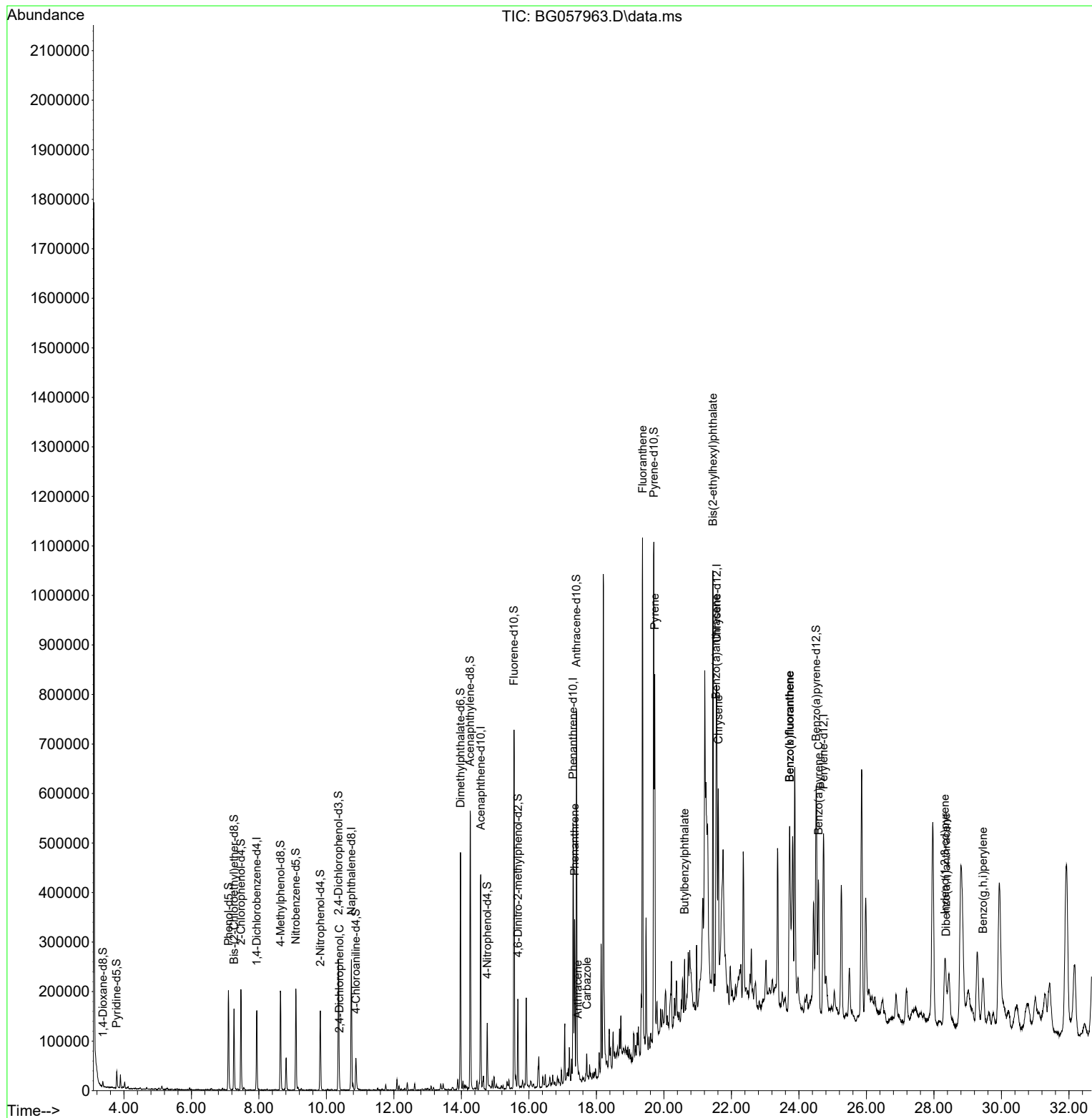
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	45041	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	220592	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.571	164	156710	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.309	188	337776	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	266465	20.000	ng/ul	0.00
88) Perylene-d12	24.730	264	330308	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.378	96	5435	4.225	ng/uL	0.01
4) Pyridine-d5	3.784	84	16795	4.301	ng/ul	0.00
7) Phenol-d5	7.097	99	123964	26.950	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.262	67	79680	28.745	ng/ul	0.00
11) 2-Chlorophenol-d4	7.467	132	94117	29.667	ng/ul	0.00
15) 4-Methylphenol-d8	8.637	113	80119	23.084	ng/ul	0.00
21) Nitrobenzene-d5	9.095	128	50603	28.145	ng/ul	0.00
24) 2-Nitrophenol-d4	9.818	143	55892	29.579	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	102726	28.339	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	40926	7.447	ng/ul	0.00
46) Dimethylphthalate-d6	13.972	166	339637	27.468	ng/ul	0.00
49) Acenaphthylene-d8	14.259	160	402058	29.798	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	33996	15.562	ng/ul	0.00
60) Fluorene-d10	15.558	176	306676	29.205	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	41111	22.414	ng/ul	0.00
73) Anthracene-d10	17.409	188	449166	28.657	ng/ul	0.00
81) Pyrene-d10	19.700	212	507914	30.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.512	264	509571	30.280	ng/ul	0.01
Target Compounds						
					Qvalue	
29) 2,4-Dichlorophenol	10.388	162	3833	1.088	ng/ul#	66
72) Phenanthrene	17.356	178	210646	12.260	ng/ul	100
74) Anthracene	17.444	178	22404	1.289	ng/ul	98
77) Carbazole	17.714	167	35042	2.228	ng/ul	97
80) Fluoranthene	19.365	202	575740	29.607	ng/ul	100
82) Pyrene	19.730	202	455312	23.260	ng/ul	99
83) Butylbenzylphthalate	20.611	149	35021	4.412	ng/ul	99
85) Benzo(a)anthracene	21.545	228	250339	13.084	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	342739	30.131	ng/ul	98
87) Chrysene	21.610	228	307431	17.141	ng/ul	96
90) Benzo(b)fluoranthene	23.725	252	465251	22.749	ng/ul	99
91) Benzo(k)fluoranthene	23.725	252	465251	23.209	ng/ul	98
93) Benzo(a)pyrene	24.577	252	289556	15.996	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.325	276	241914	10.064	ng/ul	100
95) Dibenzo(a,h)anthracene	28.361	278	29518	1.489	ng/ul	97
96) Benzo(g,h,i)perylene	29.453	276	115168	5.866	ng/ul	98

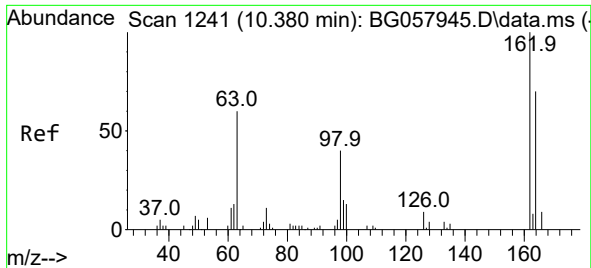
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#29

2,4-Dichlorophenol

Concen: 1.088 ng/ul

RT: 10.388 min Scan# 1

Delta R.T. 0.008 min

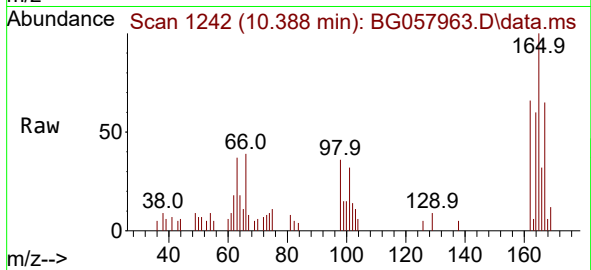
Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

Instrument :

BNA_P

ClientSampleId :



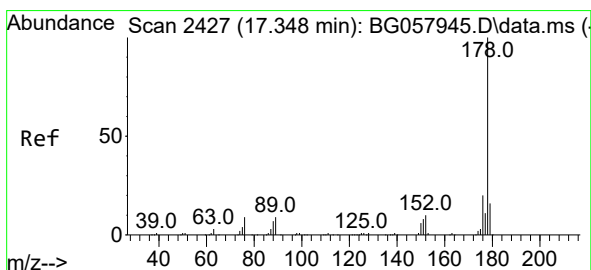
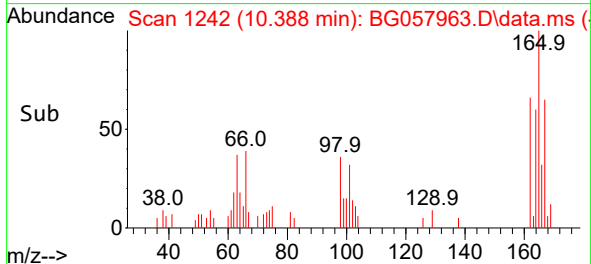
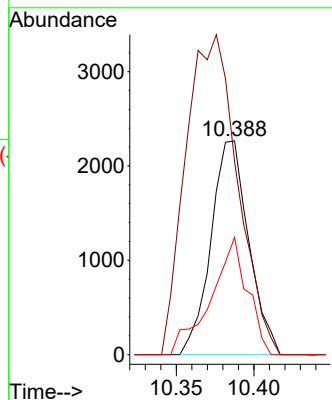
Tgt Ion:162 Resp: 3833

Ion Ratio Lower Upper

162 100

164 90.4 51.1 76.7#

98 54.9 27.9 41.9#



#72

Phenanthrene

Concen: 12.260 ng/ul

RT: 17.356 min Scan# 2428

Delta R.T. 0.008 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

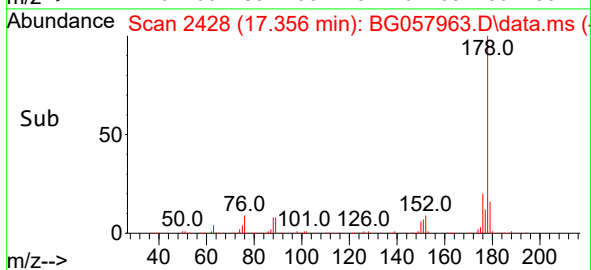
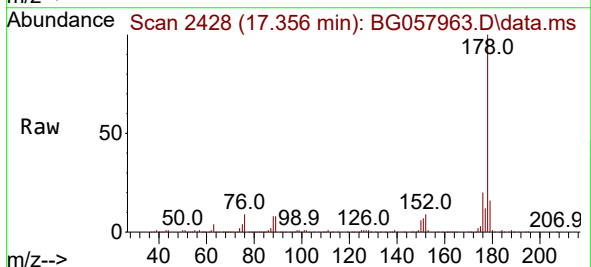
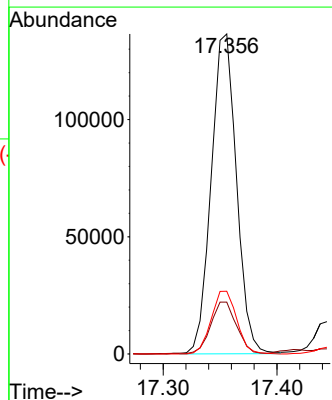
Tgt Ion:178 Resp: 210646

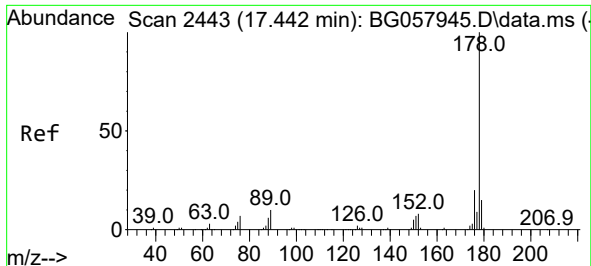
Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

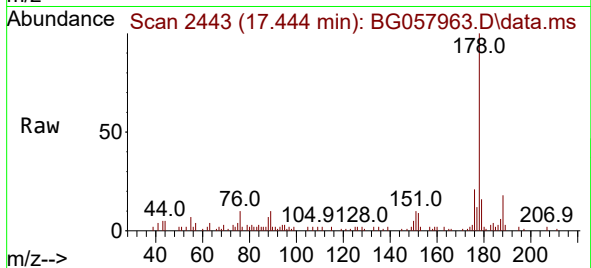
176 19.6 15.7 23.5



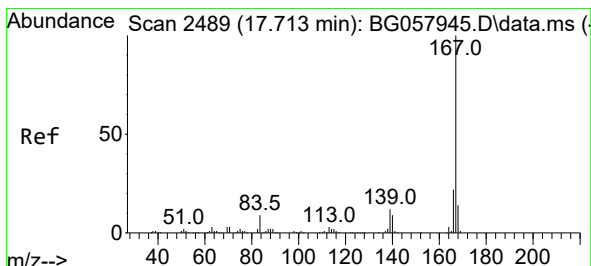
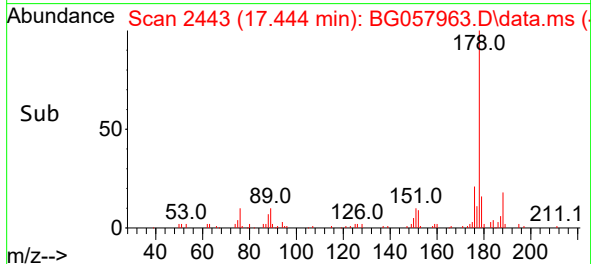
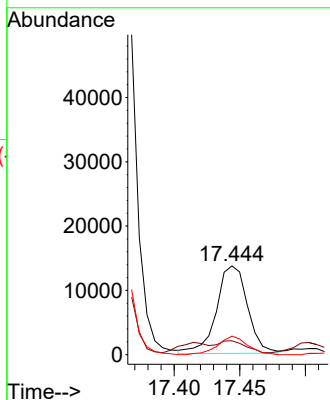


#74
 Anthracene
 Concen: 1.289 ng/ul
 RT: 17.444 min Scan# 2443
 Delta R.T. 0.002 min
 Lab File: BG057963.D
 Acq: 3 Jul 2023 20:31

Instrument :
 BNA_P
 ClientSampleId :

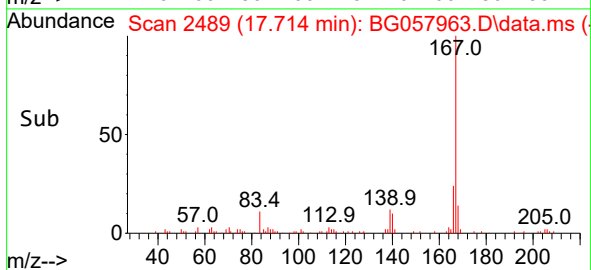
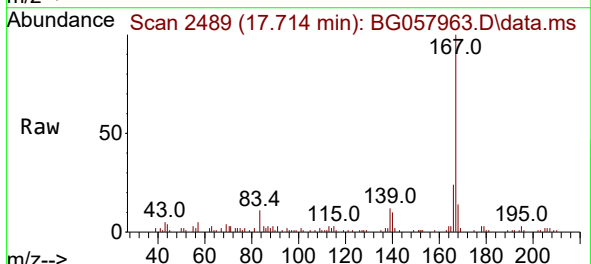
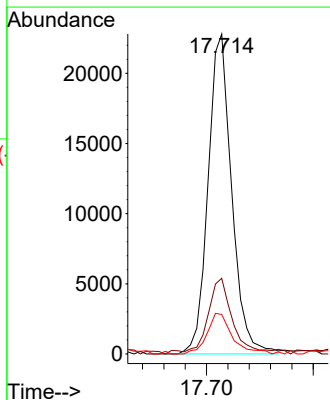


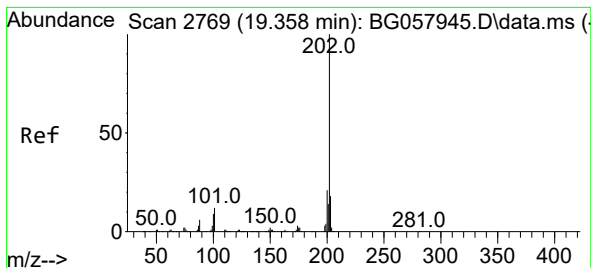
Tgt Ion:178 Resp: 22404
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.6 18.8
 176 20.9 15.4 23.2



#77
 Carbazole
 Concen: 2.228 ng/ul
 RT: 17.714 min Scan# 2489
 Delta R.T. 0.002 min
 Lab File: BG057963.D
 Acq: 3 Jul 2023 20:31

Tgt Ion:167 Resp: 35042
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.5 26.3
 139 12.4 9.5 14.3





#80

Fluoranthene

Concen: 29.607 ng/ul

RT: 19.365 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

Instrument :

BNA_P

ClientSampleId :

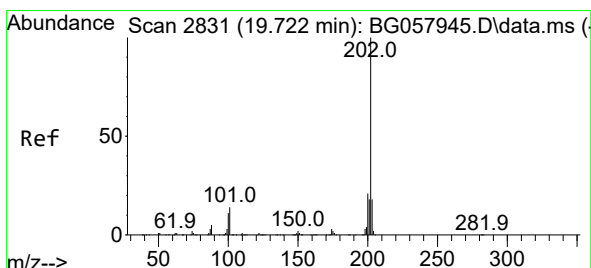
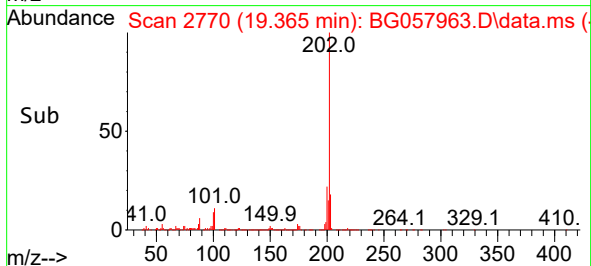
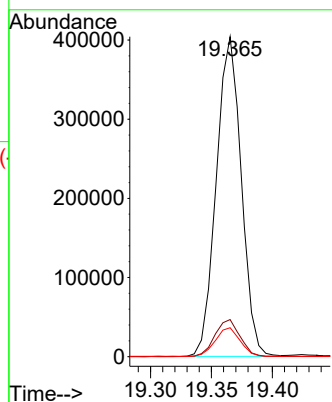
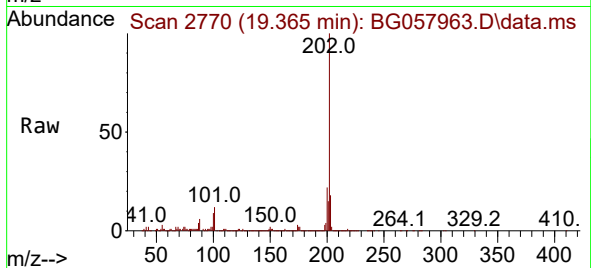
Tgt Ion:202 Resp: 575740

Ion Ratio Lower Upper

202 100

101 11.6 9.1 13.7

100 9.0 7.1 10.7



#82

Pyrene

Concen: 23.260 ng/ul

RT: 19.730 min Scan# 2832

Delta R.T. 0.008 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

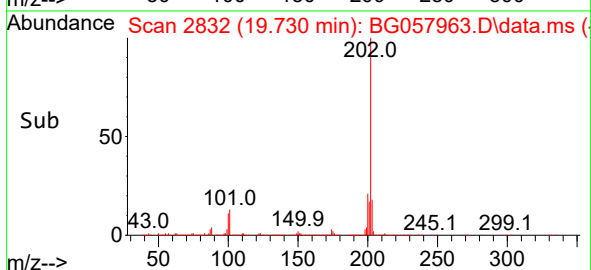
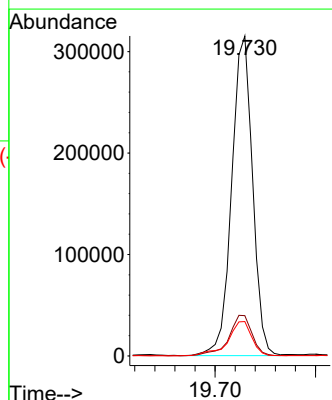
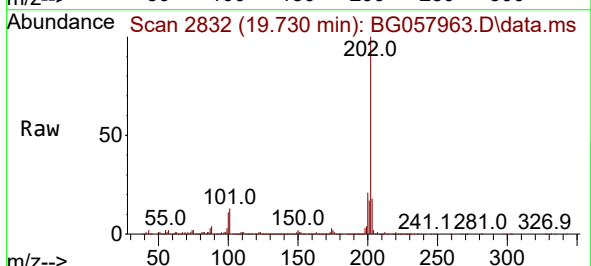
Tgt Ion:202 Resp: 455312

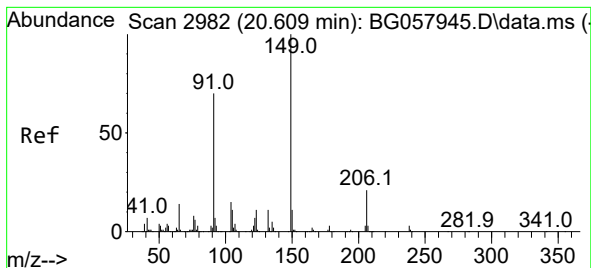
Ion Ratio Lower Upper

202 100

101 12.6 10.2 15.2

100 10.8 8.9 13.3





#83

Butylbenzylphthalate

Concen: 4.412 ng/ul

RT: 20.611 min Scan# 2982

Delta R.T. 0.002 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

Instrument :

BNA_P

ClientSampleId :

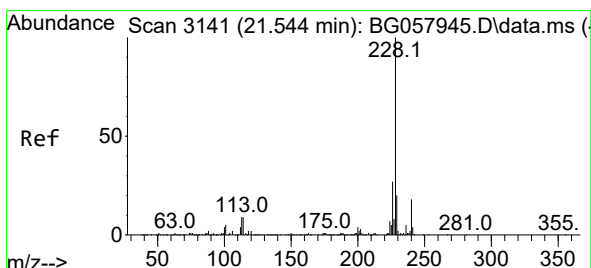
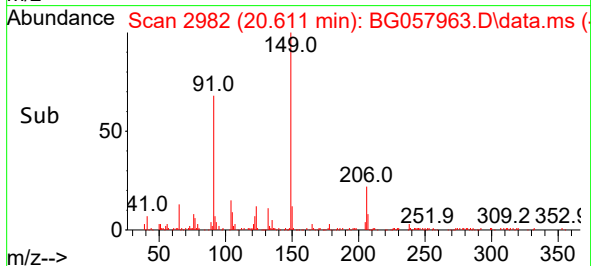
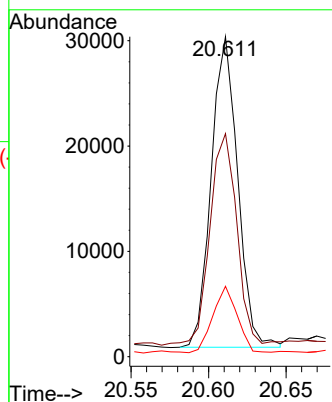
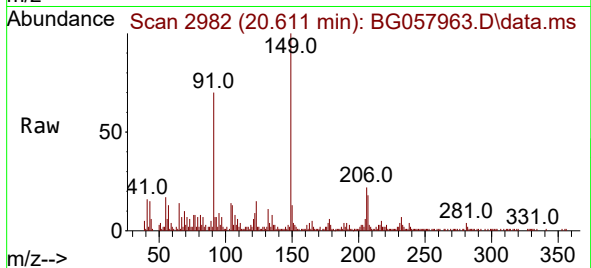
Tgt Ion:149 Resp: 35021

Ion Ratio Lower Upper

149 100

91 69.7 56.5 84.7

206 22.0 17.4 26.0



#85

Benzo(a)anthracene

Concen: 13.084 ng/ul

RT: 21.545 min Scan# 3141

Delta R.T. 0.002 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

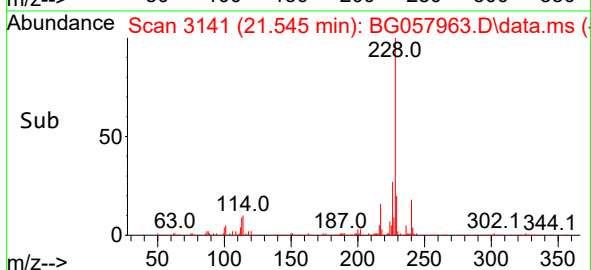
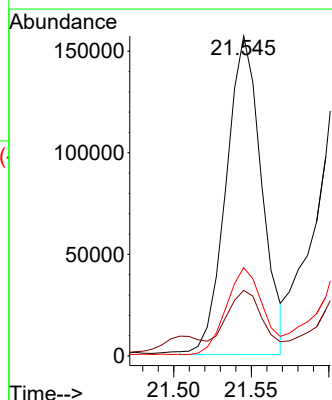
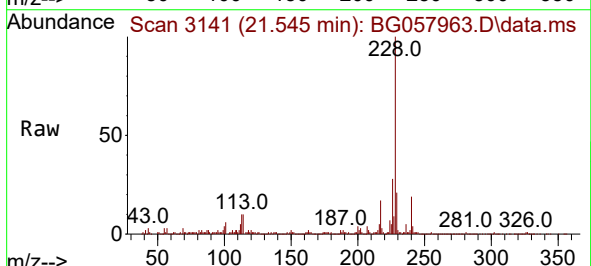
Tgt Ion:228 Resp: 250339

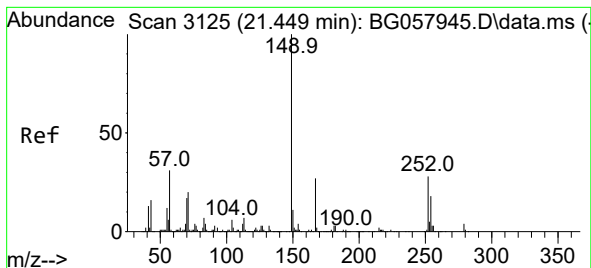
Ion Ratio Lower Upper

228 100

229 20.5 16.0 24.0

226 27.6 22.0 33.0

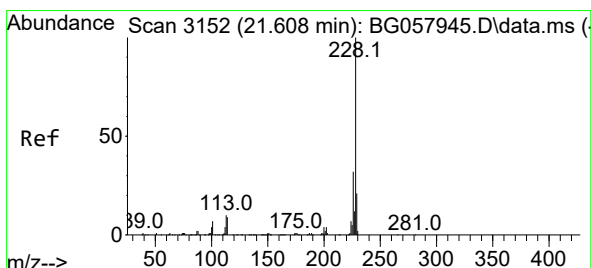
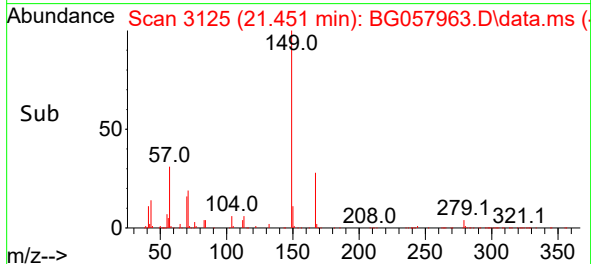
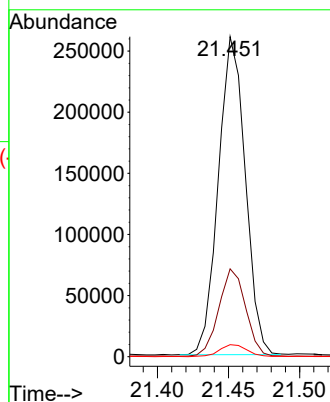
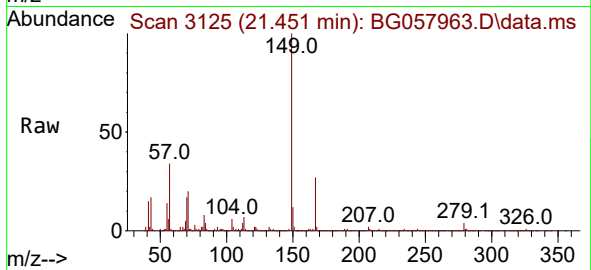




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 30.131 ng/ul
 RT: 21.451 min Scan# 3125
 Delta R.T. 0.002 min
 Lab File: BG057963.D
 Acq: 3 Jul 2023 20:31

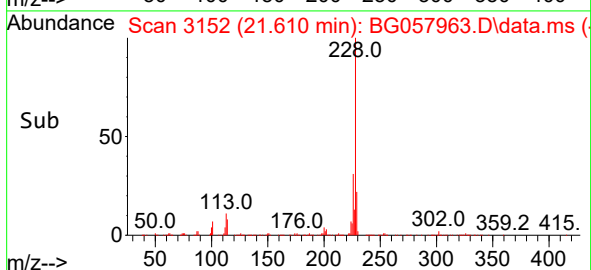
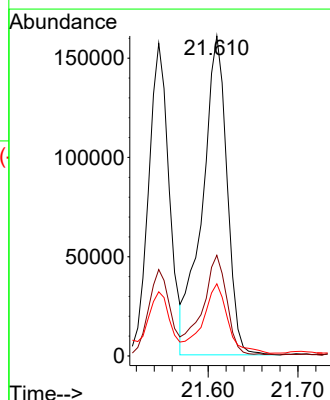
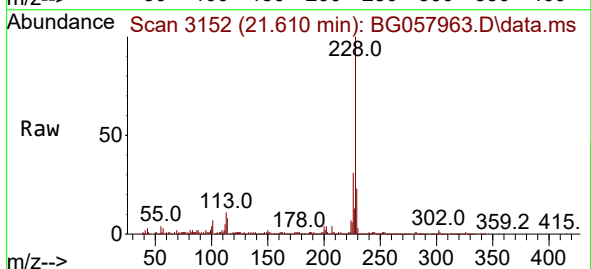
Instrument :
 BNA_P
 ClientSampleId :

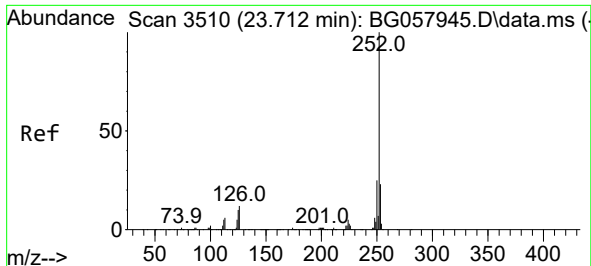
Tgt Ion:149 Resp: 342739
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.9 31.3
 279 3.7 3.1 4.7



#87
 Chrysene
 Concen: 17.141 ng/ul
 RT: 21.610 min Scan# 3152
 Delta R.T. 0.002 min
 Lab File: BG057963.D
 Acq: 3 Jul 2023 20:31

Tgt Ion:228 Resp: 307431
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.4 36.6
 229 22.6 15.5 23.3

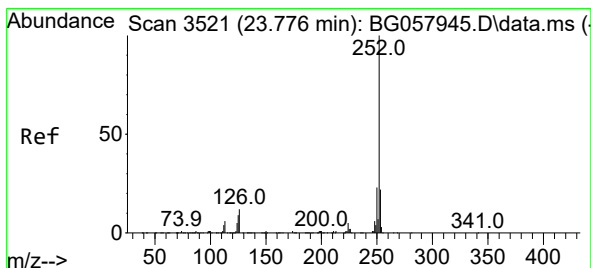
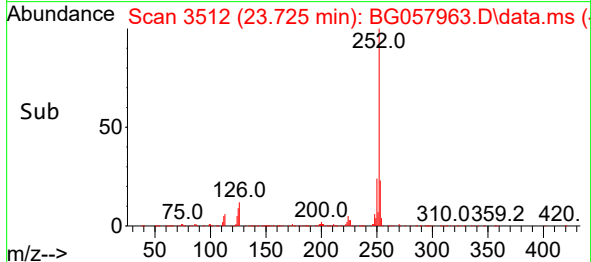
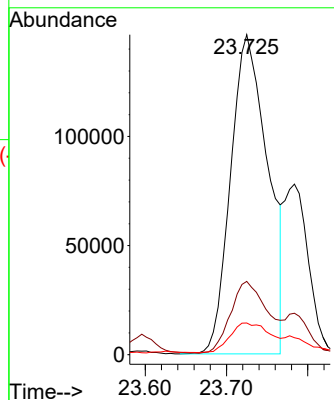
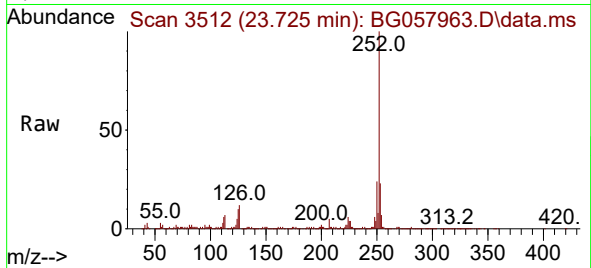




#90
Benzo(b)fluoranthene
Concen: 22.749 ng/ul
RT: 23.725 min Scan# 3512
Delta R.T. 0.014 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31

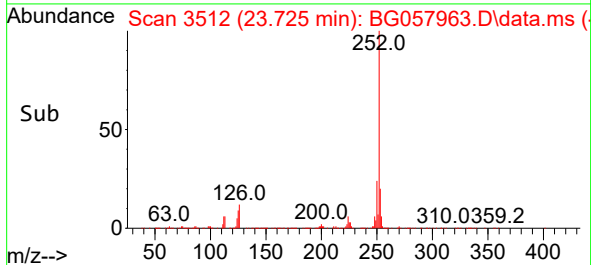
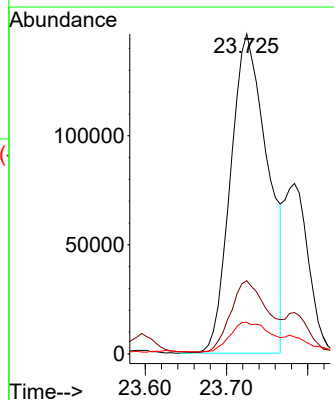
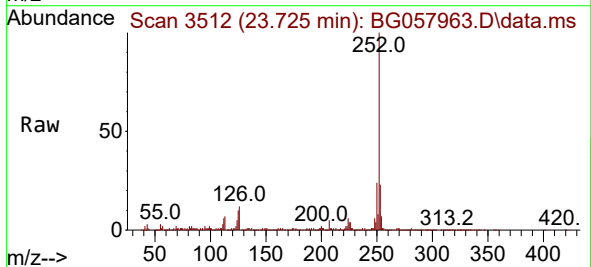
Instrument :
BNA_P
ClientSampleId :

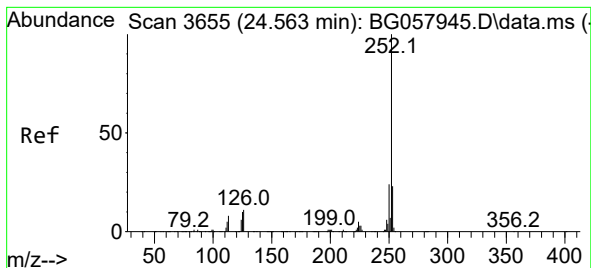
Tgt Ion:252 Resp: 465251
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 9.9 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 23.209 ng/ul
RT: 23.725 min Scan# 3512
Delta R.T. -0.051 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31

Tgt Ion:252 Resp: 465251
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.9 7.4 11.2





#93

Benzo(a)pyrene

Concen: 15.996 ng/ul

RT: 24.577 min Scan# 3

Delta R.T. 0.008 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

Instrument :

BNA_P

ClientSampleId :

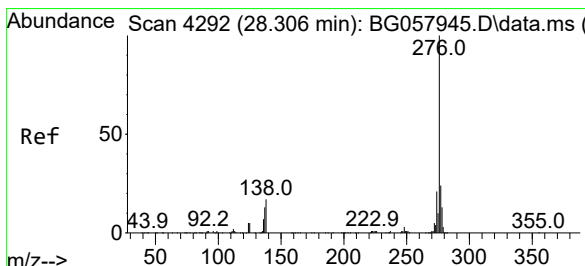
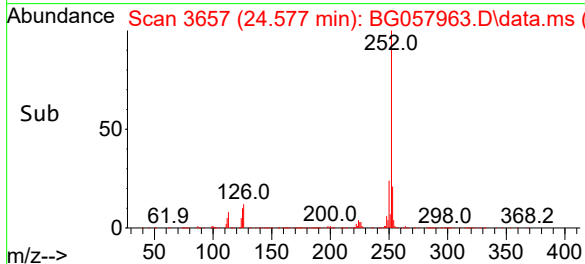
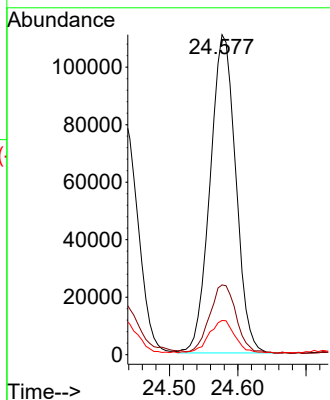
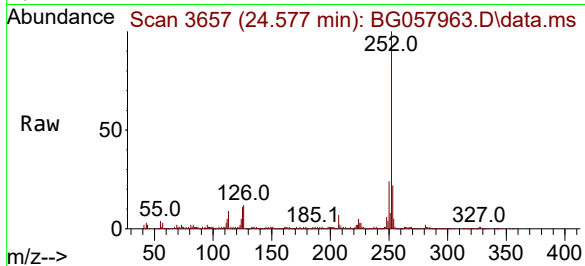
Tgt Ion:252 Resp: 289556

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.7 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.064 ng/ul

RT: 28.325 min Scan# 4295

Delta R.T. 0.020 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

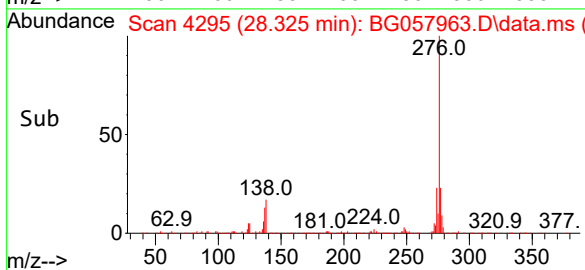
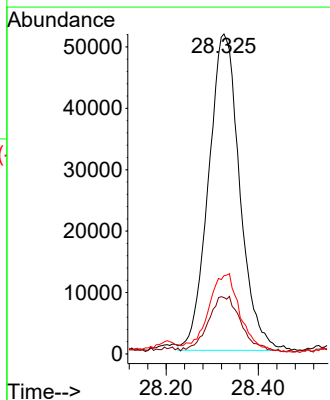
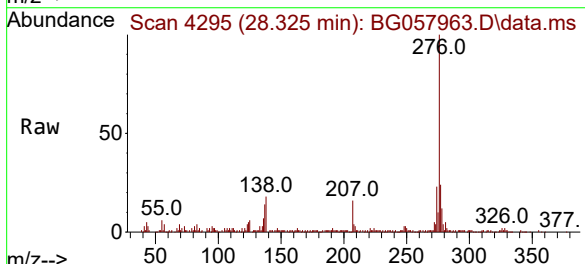
Tgt Ion:276 Resp: 241914

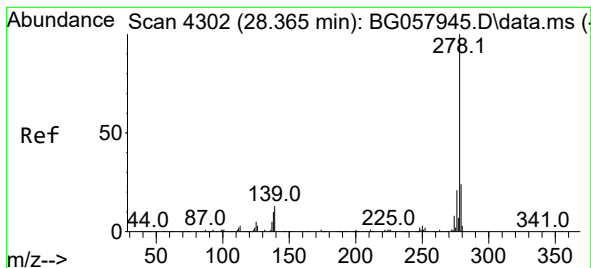
Ion Ratio Lower Upper

276 100

138 17.6 14.0 21.0

277 24.5 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 1.489 ng/ul

RT: 28.361 min Scan# 41

Delta R.T. -0.010 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

Instrument :

BNA_P

ClientSampleId :

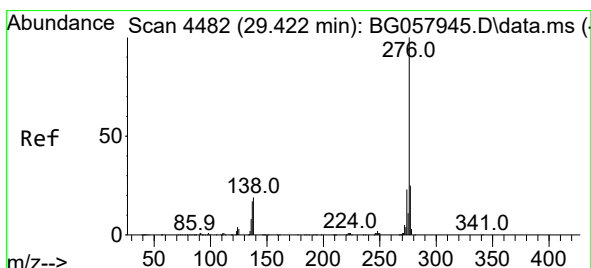
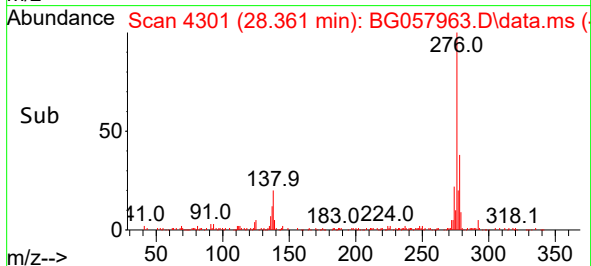
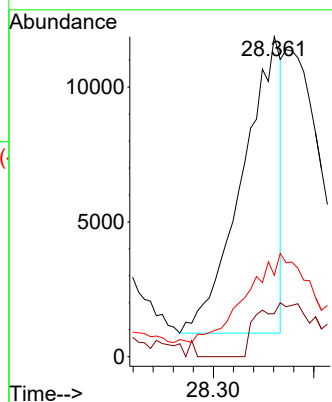
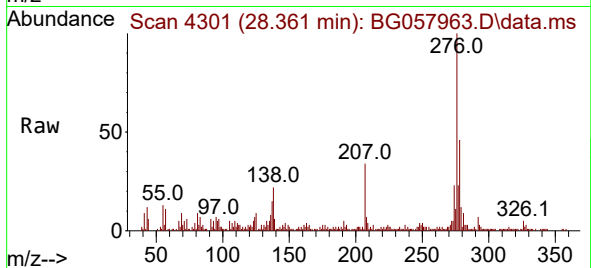
Tgt Ion:278 Resp: 29518

Ion Ratio Lower Upper

278 100

139 13.5 11.3 16.9

279 25.5 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 5.866 ng/ul

RT: 29.453 min Scan# 4487

Delta R.T. 0.026 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

Tgt Ion:276 Resp: 115168

Ion Ratio Lower Upper

276 100

138 19.7 14.2 21.2

277 23.2 18.6 27.8

