

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061284.D
 Acq On : 24 May 2024 12:27
 Operator : MA/JU
 Sample : P2548-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y1

Quant Time: May 24 23:48:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

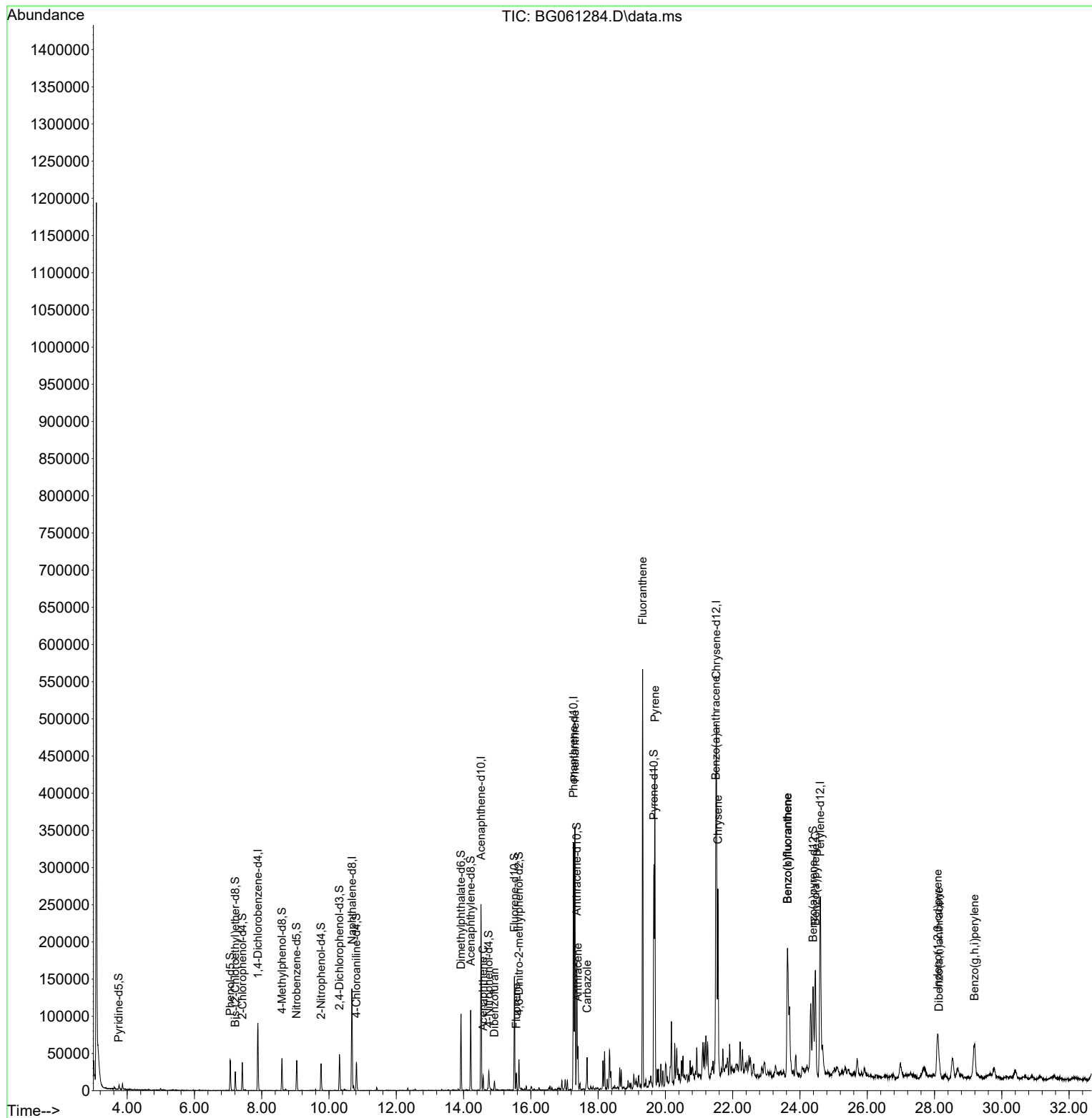
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	23799	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	104371	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.517	164	90321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.267	188	218938	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	220867	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264	248094	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	342	0.804	ng/uL	0.00
4) Pyridine-d5	3.748	84	2439	1.612	ng/ul	0.00
7) Phenol-d5	7.061	99	18448	9.439	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.214	67	11652	9.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.426	132	15150	10.474	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	14749	8.850	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	8062	10.033	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.764	143	8750	9.304	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	17864	9.743	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	18308	7.633	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	66917	9.553	ng/ul	0.00
49) Acenaphthylene-d8	14.212	160	71345	9.796	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143	6118	7.064	ng/ul	0.00
60) Fluorene-d10	15.510	176	60634	10.026	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	8933	6.746	ng/ul	0.00
73) Anthracene-d10	17.367	188	101487	10.514	ng/ul	0.00
81) Pyrene-d10	19.658	212	119407	10.529	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.388	264	124650	10.451	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.582	153	9010	1.701	ng/ul	92
56) Dibenzofuran	14.917	168	8043	1.062	ng/ul	88
61) Fluorene	15.569	166	10225	1.560	ng/ul#	98
72) Phenanthrene	17.308	178	216903	20.412	ng/ul	99
74) Anthracene	17.396	178	38602	3.513	ng/ul	99
77) Carbazole	17.672	167	26376	2.951	ng/ul	100
80) Fluoranthene	19.323	202	356723	26.221	ng/ul	100
82) Pyrene	19.688	202	290448	20.568	ng/ul	99
85) Benzo(a)anthracene	21.497	228	180324	11.832	ng/ul	98
87) Chrysene	21.562	228	175226	12.487	ng/ul	97
90) Benzo(b)fluoranthene	23.630	252	224156	15.175	ng/ul	98
91) Benzo(k)fluoranthene	23.630	252	224156	14.948	ng/ul	97
93) Benzo(a)pyrene	24.459	252	152947	10.904	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.096	276	99778	5.882	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.131	278	17785	1.272	ng/ul#	82
96) Benzo(g,h,i)perylene	29.188	276	88375	6.549	ng/ul	97

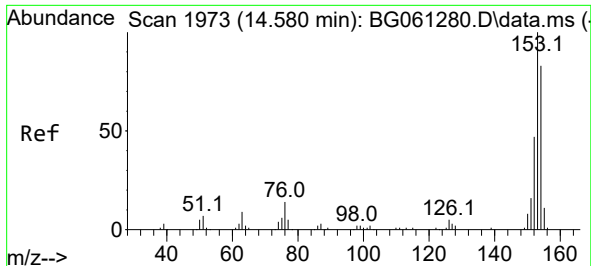
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 23:48:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

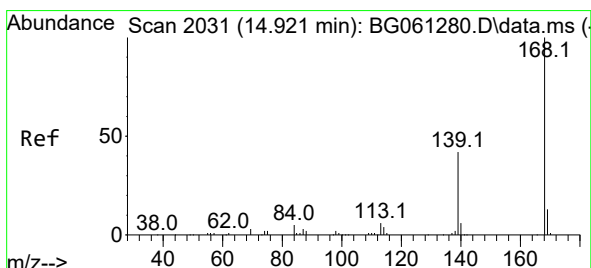
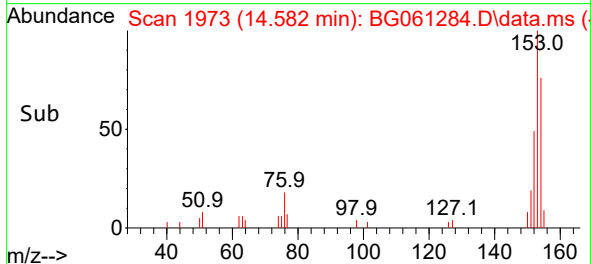
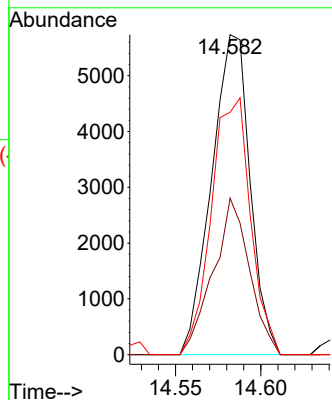
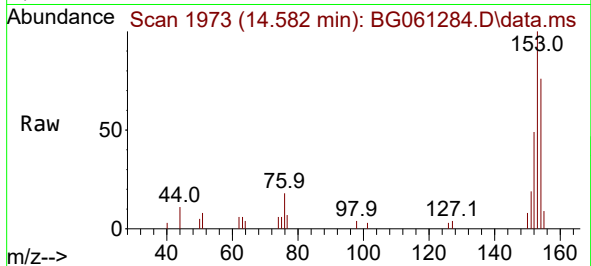




#52
Acenaphthene
Concen: 1.701 ng/ul
RT: 14.582 min Scan# 1973
Delta R.T. -0.005 min
Lab File: BG061284.D
Acq: 24 May 2024 12:27

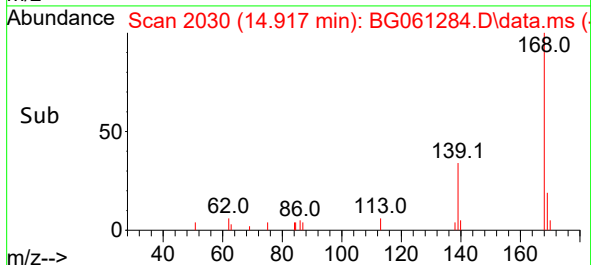
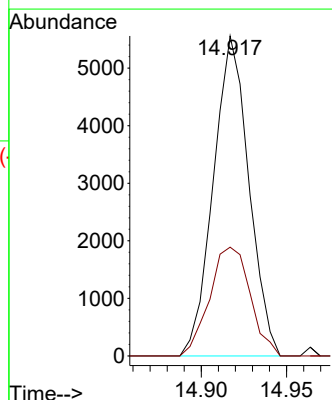
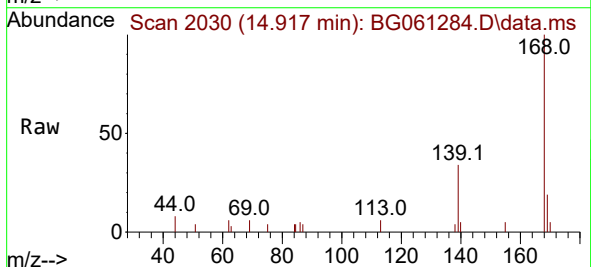
Instrument :
BNA_G
ClientSampleId :
BH5Y1

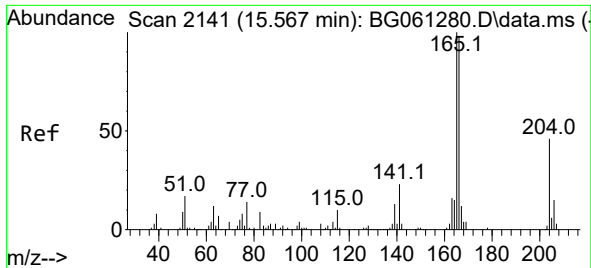
Tgt Ion:153 Resp: 9010
Ion Ratio Lower Upper
153 100
152 48.9 37.8 56.8
154 75.8 69.0 103.6



#56
Dibenzofuran
Concen: 1.062 ng/ul
RT: 14.917 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BG061284.D
Acq: 24 May 2024 12:27

Tgt Ion:168 Resp: 8043
Ion Ratio Lower Upper
168 100
139 34.0 33.4 50.2

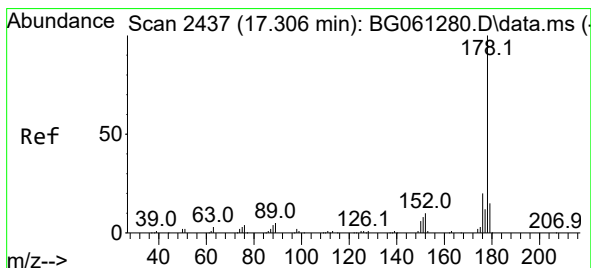
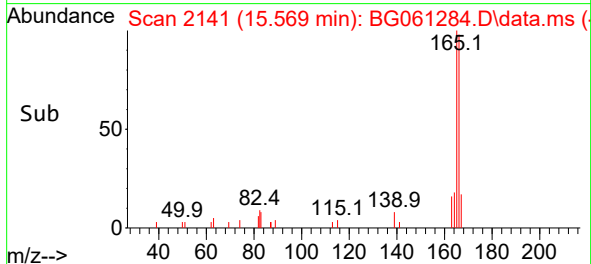
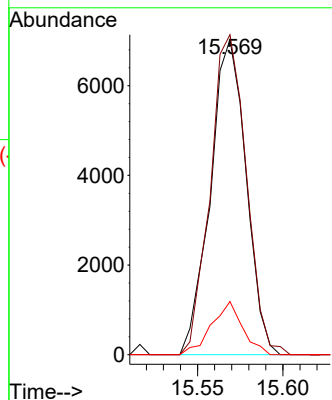
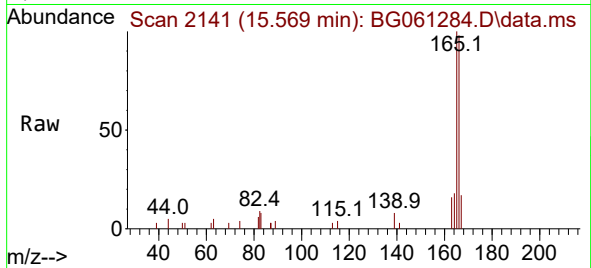




#61
Fluorene
Concen: 1.560 ng/ul
RT: 15.569 min Scan# 2141
Delta R.T. -0.005 min
Lab File: BG061284.D
Acq: 24 May 2024 12:27

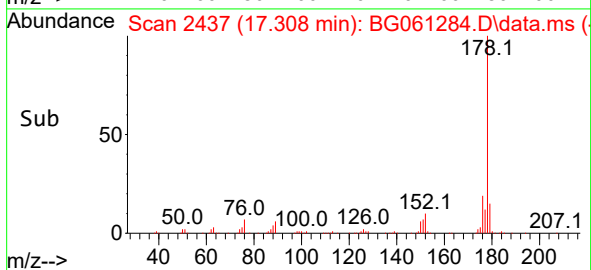
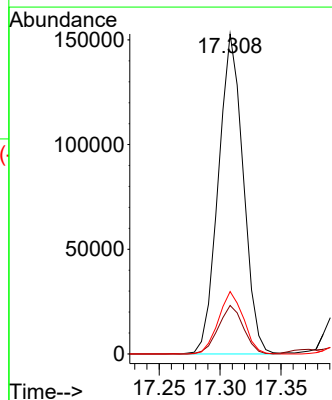
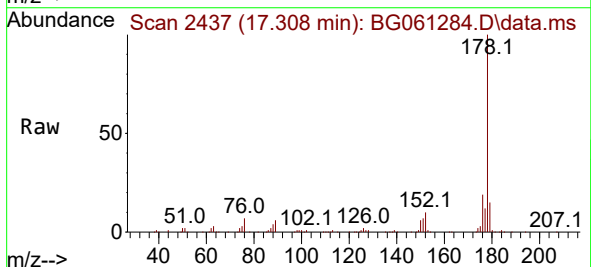
Instrument :
BNA_G
ClientSampleId :
BH5Y1

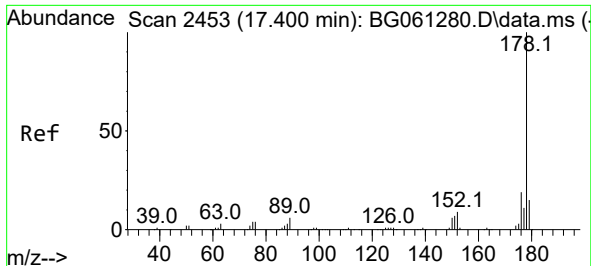
Tgt Ion:166 Resp: 10225
Ion Ratio Lower Upper
166 100
165 101.6 81.8 122.8
167 16.8 10.6 16.0#



#72
Phenanthrene
Concen: 20.412 ng/ul
RT: 17.308 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BG061284.D
Acq: 24 May 2024 12:27

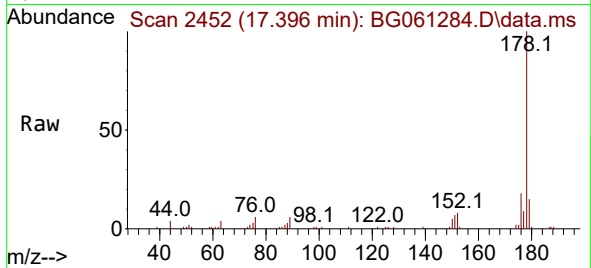
Tgt Ion:178 Resp: 216903
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.5 15.5 23.3



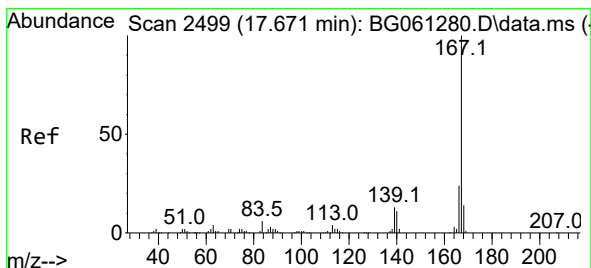
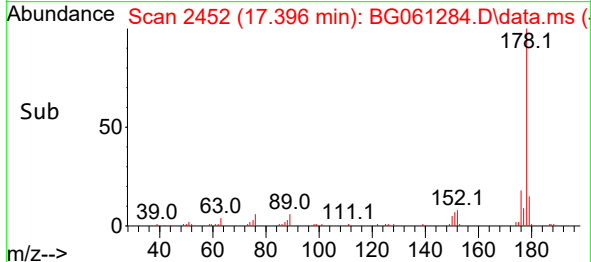
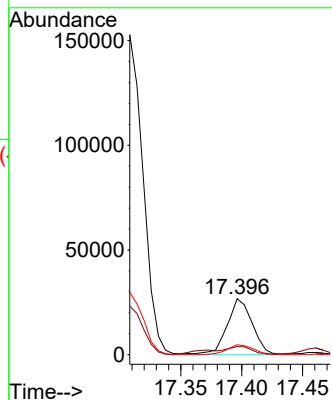


#74
Anthracene
Concen: 3.513 ng/ul
RT: 17.396 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BG061284.D
Acq: 24 May 2024 12:27

Instrument :
BNA_G
ClientSampleId :
BH5Y1

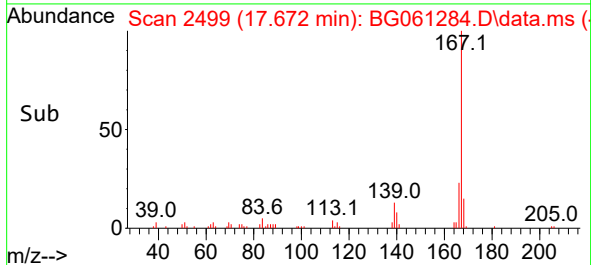
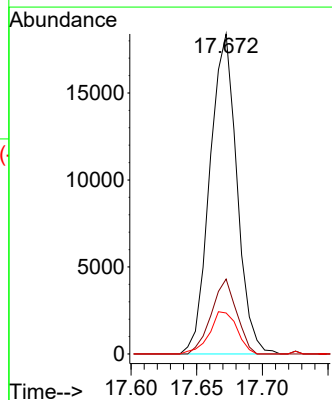
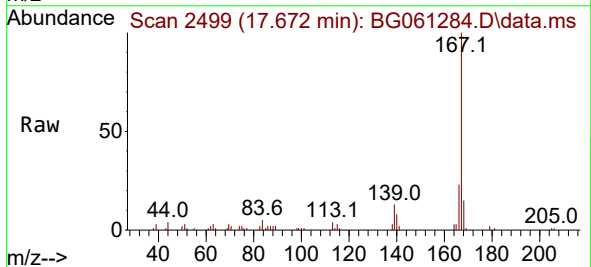


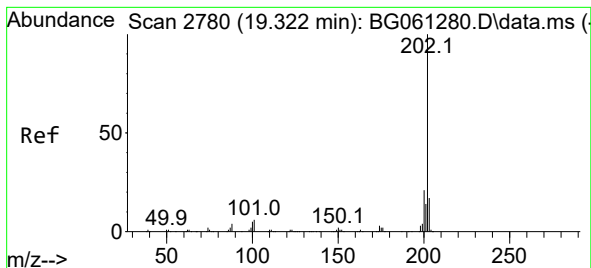
Tgt Ion:178 Resp: 38602
Ion Ratio Lower Upper
178 100
179 14.7 11.8 17.6
176 17.6 14.9 22.3



#77
Carbazole
Concen: 2.951 ng/ul
RT: 17.672 min Scan# 2499
Delta R.T. -0.005 min
Lab File: BG061284.D
Acq: 24 May 2024 12:27

Tgt Ion:167 Resp: 26376
Ion Ratio Lower Upper
167 100
166 23.4 18.6 28.0
139 12.8 10.6 15.8





#80

Fluoranthene

Concen: 26.221 ng/ul

RT: 19.323 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG061284.D

Acq: 24 May 2024 12:27

Instrument :

BNA_G

ClientSampleId :

BH5Y1

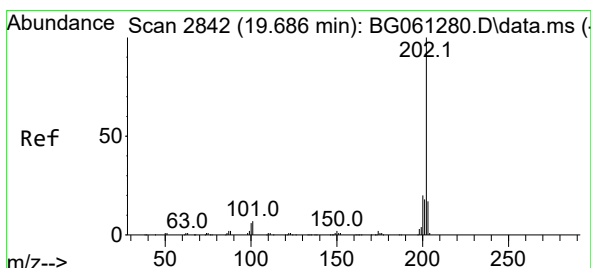
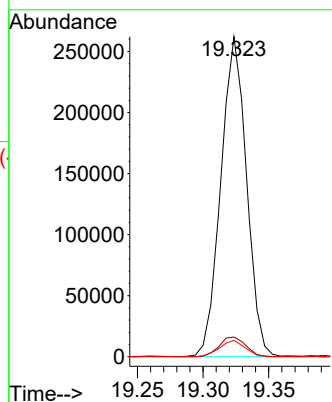
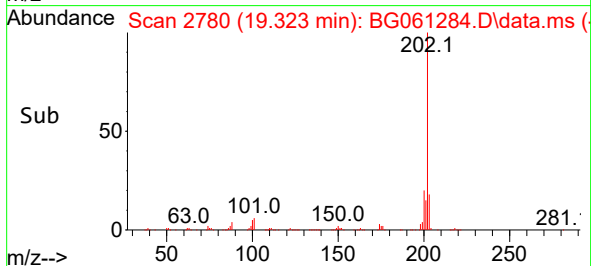
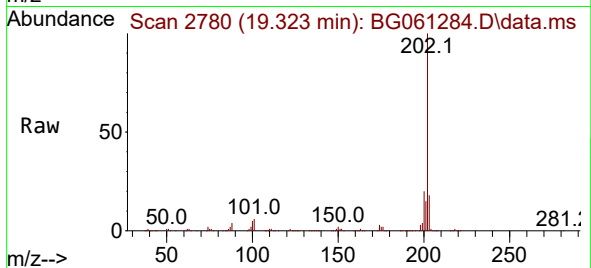
Tgt Ion:202 Resp: 356723

Ion Ratio Lower Upper

202 100

101 6.1 4.8 7.2

100 5.1 4.1 6.1



#82

Pyrene

Concen: 20.568 ng/ul

RT: 19.688 min Scan# 2842

Delta R.T. 0.001 min

Lab File: BG061284.D

Acq: 24 May 2024 12:27

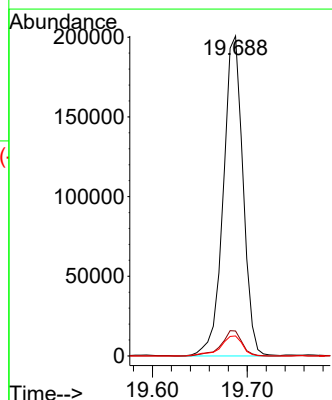
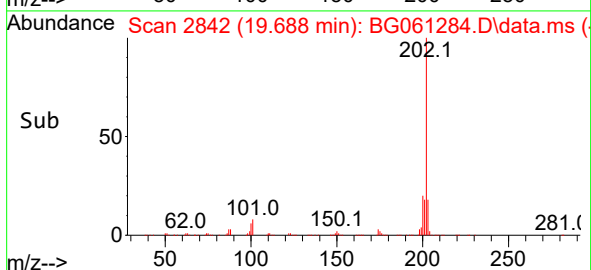
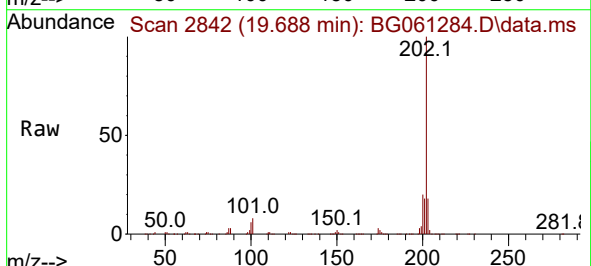
Tgt Ion:202 Resp: 290448

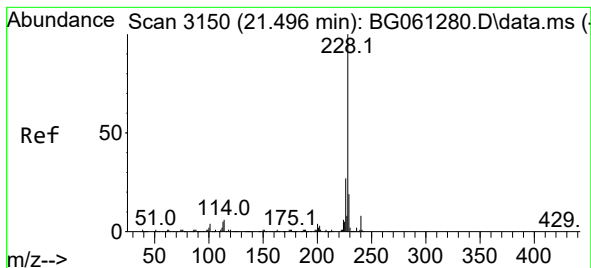
Ion Ratio Lower Upper

202 100

101 7.8 5.7 8.5

100 6.3 5.1 7.7





#85

Benzo(a)anthracene

Concen: 11.832 ng/ul

RT: 21.497 min Scan# 3150

Delta R.T. -0.005 min

Lab File: BG061284.D

Acq: 24 May 2024 12:27

Instrument :

BNA_G

ClientSampleId :

BH5Y1

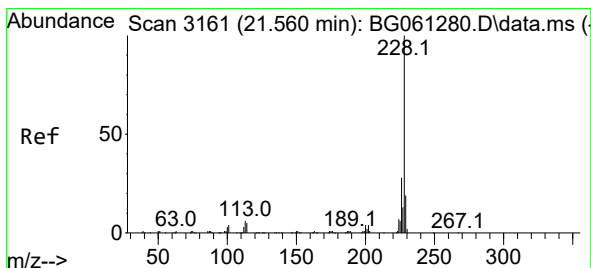
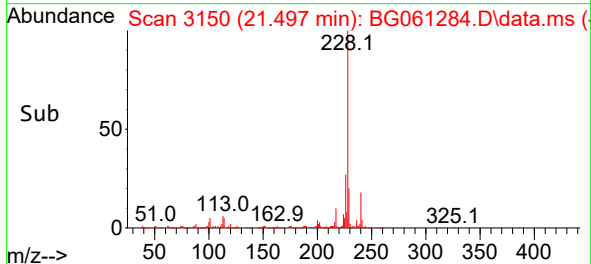
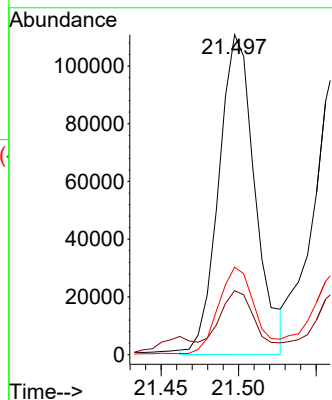
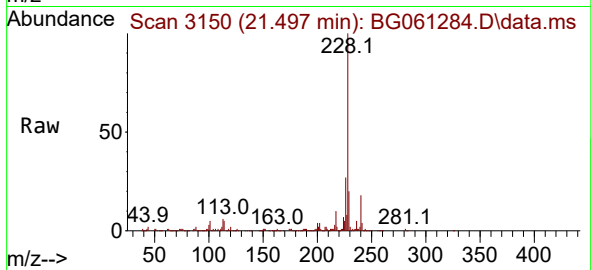
Tgt Ion:228 Resp: 180324

Ion Ratio Lower Upper

228 100

229 20.0 15.2 22.8

226 27.4 21.4 32.2



#87

Chrysene

Concen: 12.487 ng/ul

RT: 21.562 min Scan# 3161

Delta R.T. -0.005 min

Lab File: BG061284.D

Acq: 24 May 2024 12:27

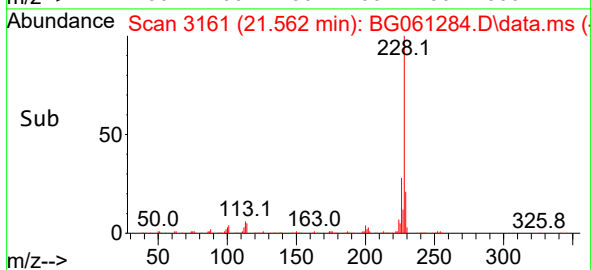
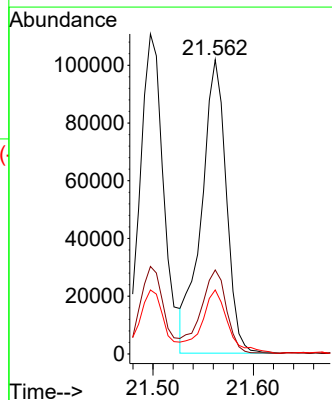
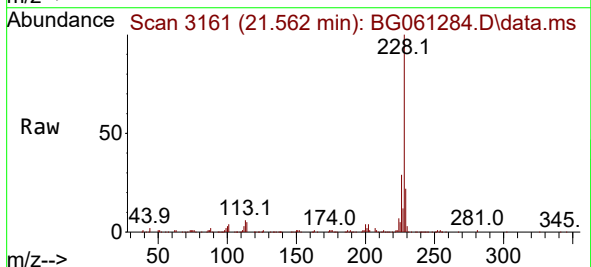
Tgt Ion:228 Resp: 175226

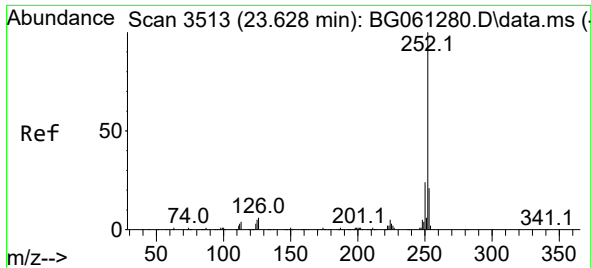
Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.0

229 21.7 15.4 23.2

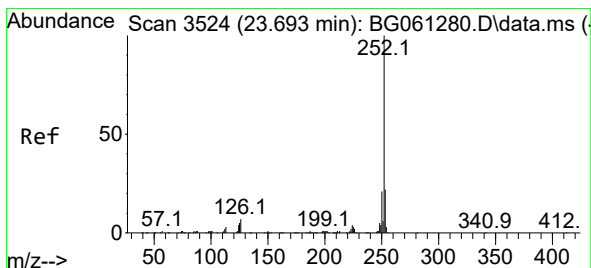
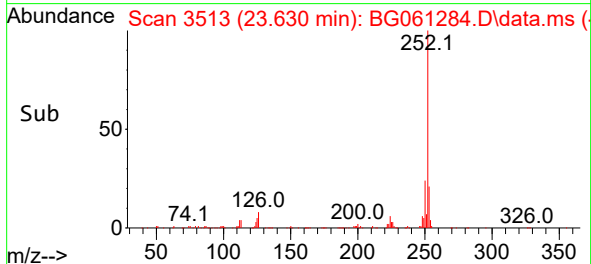
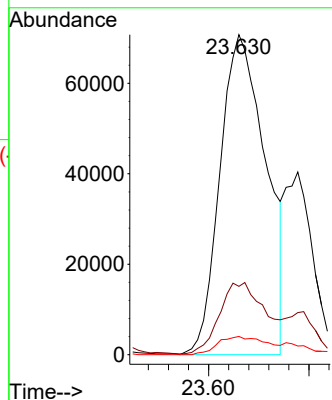
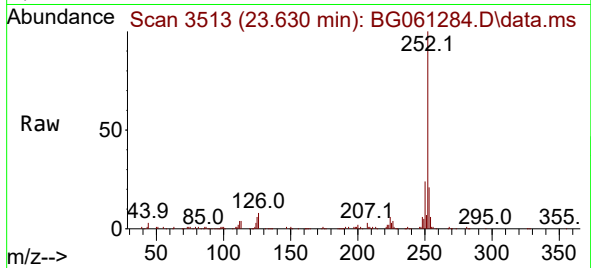




#90
Benzo(b)fluoranthene
Concen: 15.175 ng/ul
RT: 23.630 min Scan# 3513
Delta R.T. 0.001 min
Lab File: BG061284.D
Acq: 24 May 2024 12:27

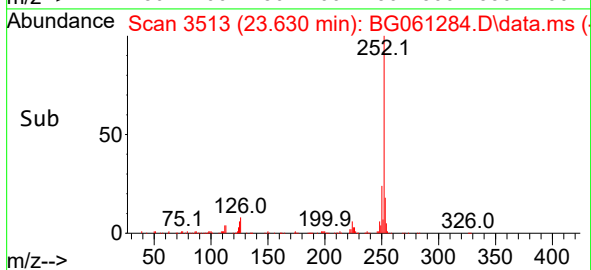
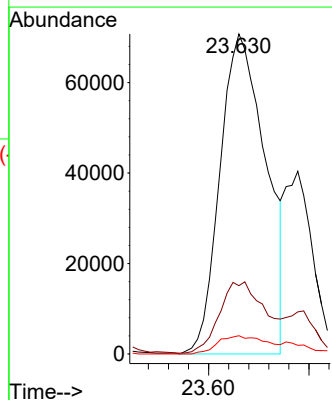
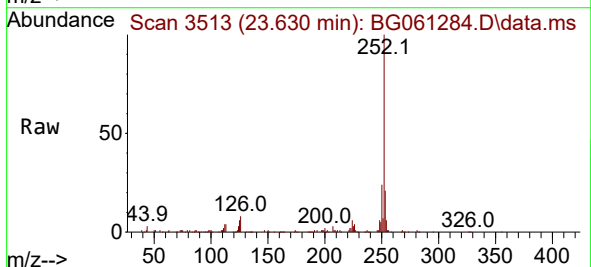
Instrument :
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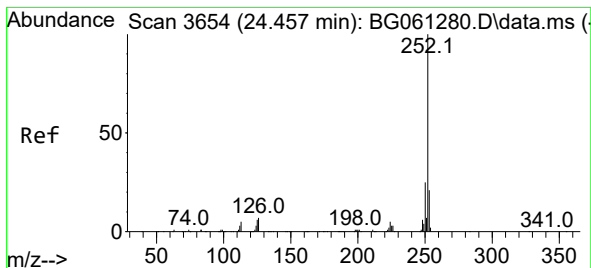
Tgt Ion:252 Resp: 224156
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 5.7 4.6 6.8



#91
Benzo(k)fluoranthene
Concen: 14.948 ng/ul
RT: 23.630 min Scan# 3513
Delta R.T. -0.063 min
Lab File: BG061284.D
Acq: 24 May 2024 12:27

Tgt Ion:252 Resp: 224156
Ion Ratio Lower Upper
252 100
253 21.4 16.0 24.0
125 5.7 4.3 6.5





#93

Benzo(a)pyrene

Concen: 10.904 ng/ul

RT: 24.459 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG061284.D

Acq: 24 May 2024 12:27

Instrument :

BNA_G

ClientSampleId :

BH5Y1

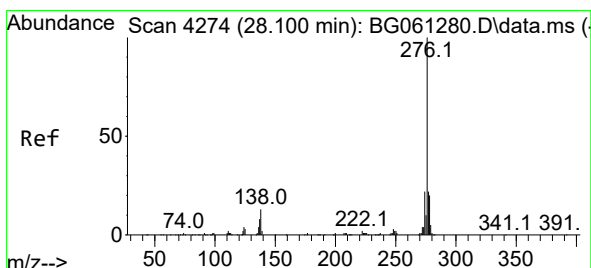
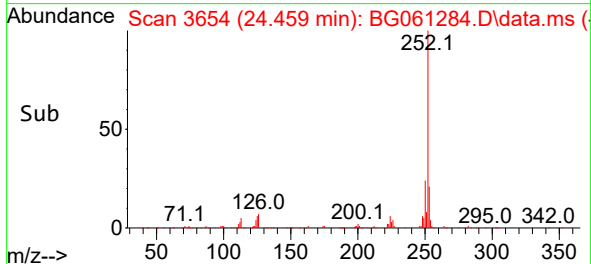
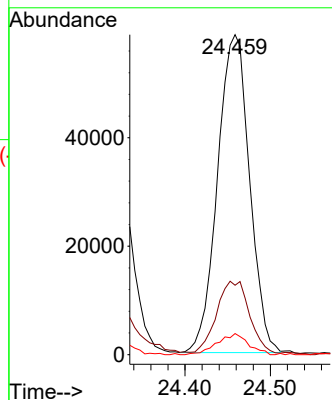
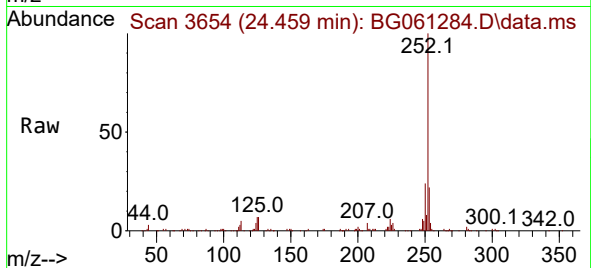
Tgt Ion:252 Resp: 152947

Ion Ratio Lower Upper

252 100

253 21.7 16.4 24.6

125 6.6 4.3 6.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.882 ng/ul

RT: 28.096 min Scan# 4273

Delta R.T. -0.011 min

Lab File: BG061284.D

Acq: 24 May 2024 12:27

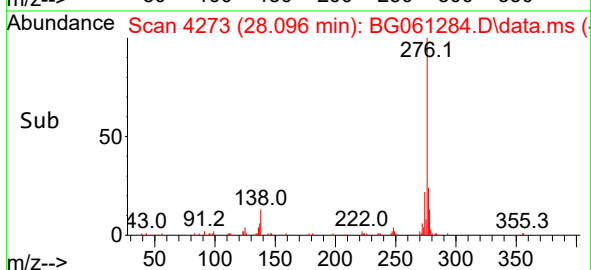
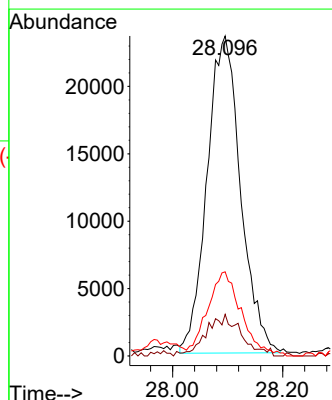
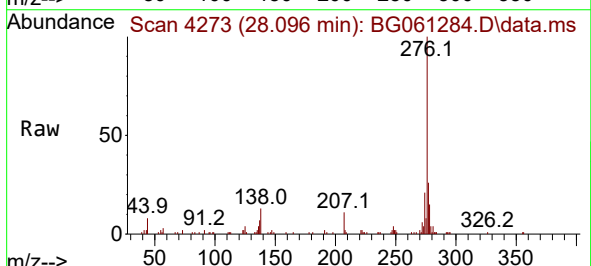
Tgt Ion:276 Resp: 99778

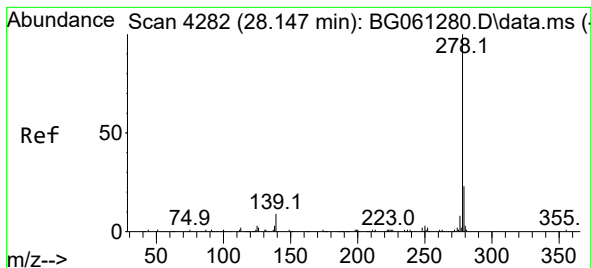
Ion Ratio Lower Upper

276 100

138 13.0 8.6 13.0#

277 26.3 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 1.272 ng/ul

RT: 28.131 min Scan# 41

Delta R.T. -0.028 min

Lab File: BG061284.D

Acq: 24 May 2024 12:27

Instrument :

BNA_G

ClientSampleId :

BH5Y1

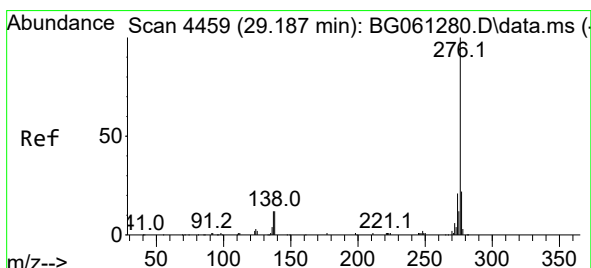
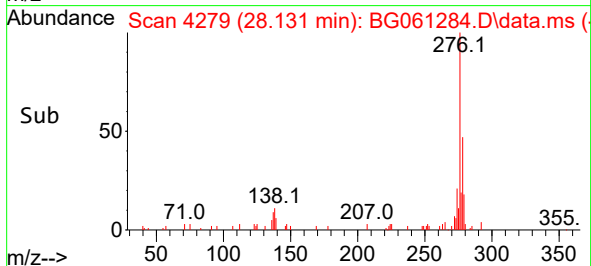
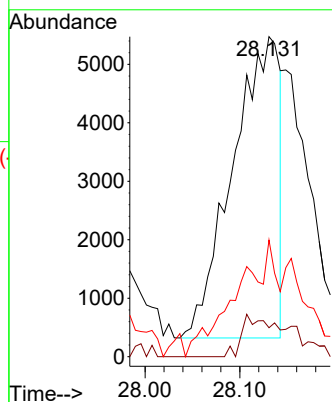
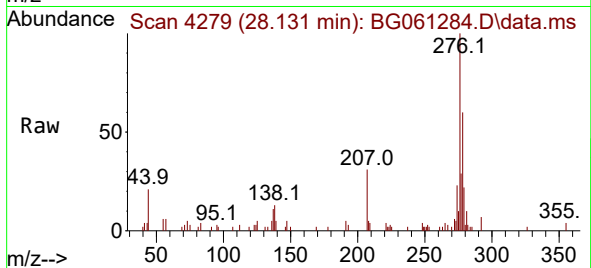
Tgt Ion:278 Resp: 17785

Ion Ratio Lower Upper

278 100

139 9.1 6.4 9.6

279 36.5 19.9 29.9#



#96

Benzo(g,h,i)perylene

Concen: 6.549 ng/ul

RT: 29.188 min Scan# 4459

Delta R.T. -0.005 min

Lab File: BG061284.D

Acq: 24 May 2024 12:27

Tgt Ion:276 Resp: 88375

Ion Ratio Lower Upper

276 100

138 9.8 8.7 13.1

277 24.1 18.2 27.2

