

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061432.D
 Acq On : 3 Jun 2024 20:56
 Operator : MA/JU
 Sample : P2589-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6C3

Quant Time: Jun 03 22:49:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

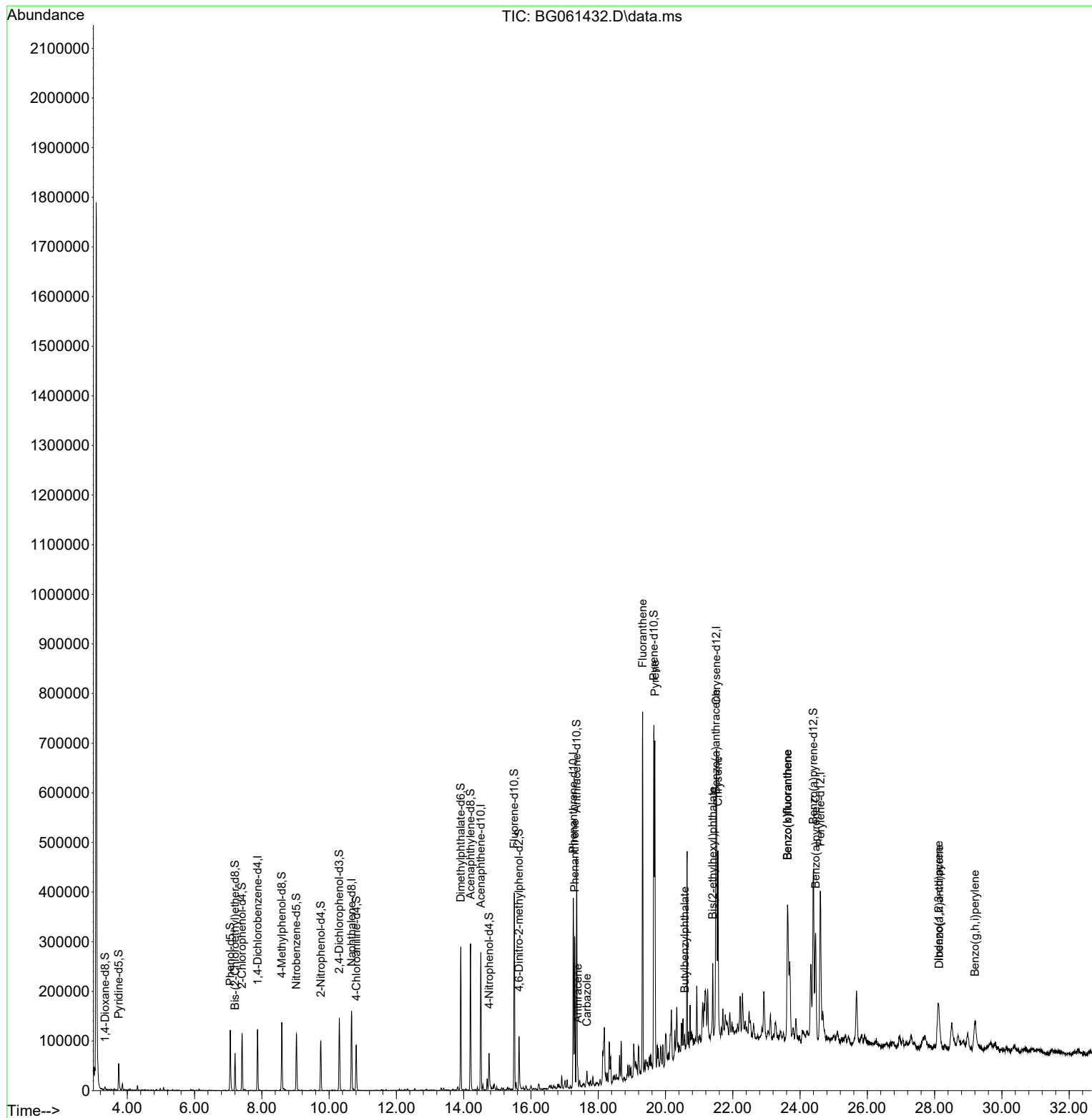
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	30900	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	125525	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	99181	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	241137	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	250760	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	292618	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	2468	4.470	ng/uL	0.00
4) Pyridine-d5	3.746	84	24087	12.262	ng/ul	0.00
7) Phenol-d5	7.060	99	56940	22.439	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	35186	22.061	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	46031	24.511	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	46371	21.431	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	23385	24.197	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	25070	22.165	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	53238	24.143	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	43897	15.216	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	185031	24.054	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	199366	24.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	17294	18.185	ng/ul	0.02
60) Fluorene-d10	15.503	176	163360	24.598	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	25095	17.207	ng/ul	0.00
73) Anthracene-d10	17.359	188	271453	25.534	ng/ul	0.00
81) Pyrene-d10	19.657	212	339773	26.389	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	371526	26.410	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	185640	15.862	ng/ul	99
74) Anthracene	17.395	178	24979	2.064	ng/ul	96
77) Carbazole	17.665	167	16098	1.636	ng/ul#	91
80) Fluoranthene	19.322	202	460678	29.826	ng/ul	99
82) Pyrene	19.686	202	437699	27.300	ng/ul	97
83) Butylbenzylphthalate	20.573	149	6643	1.206	ng/ul#	92
85) Benzo(a)anthracene	21.496	228	244615	14.138	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	52857	6.483	ng/ul#	96
87) Chrysene	21.560	228	267008	16.759	ng/ul	97
90) Benzo(b)fluoranthene	23.629	252	360946	20.717	ng/ul	98
91) Benzo(k)fluoranthene	23.629	252	360946	20.408	ng/ul	93
93) Benzo(a)pyrene	24.463	252	230392	13.926	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.117	276	164088	8.202	ng/ul	95
95) Dibenzo(a,h)anthracene	28.135	278	44084	2.672	ng/ul#	93
96) Benzo(g,h,i)perylene	29.198	276	129044	8.108	ng/ul	96

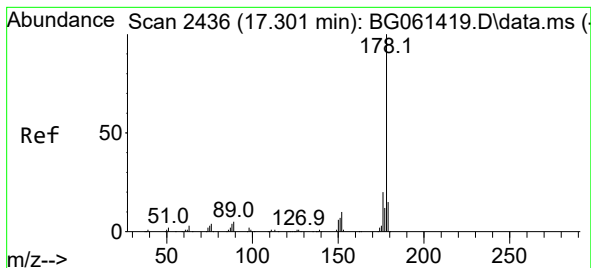
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 15.862 ng/ul

RT: 17.301 min Scan# 2436

Delta R.T. 0.001 min

Lab File: BG061432.D

Acq: 3 Jun 2024 20:56

Instrument :

BNA_G

ClientSampleId :

BH6C3

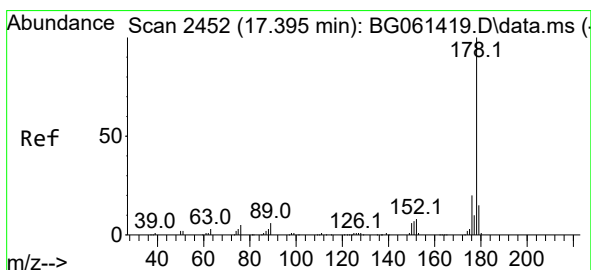
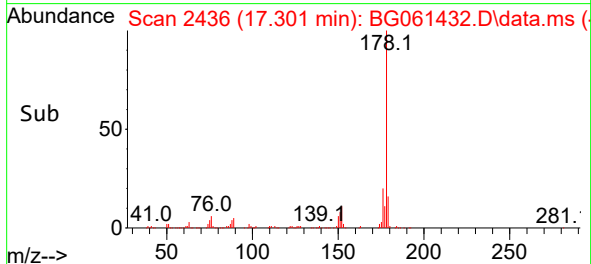
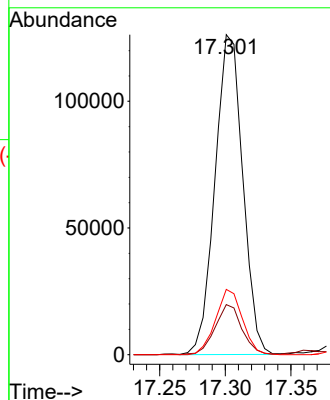
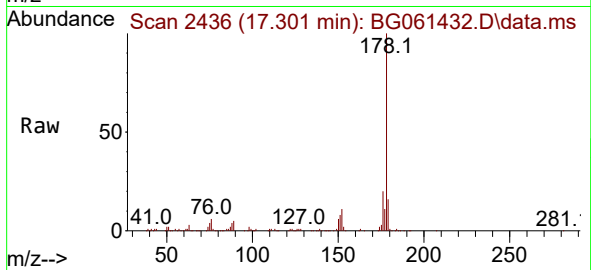
Tgt Ion:178 Resp: 185640

Ion Ratio Lower Upper

178 100

179 15.6 12.7 19.1

176 20.4 15.5 23.3



#74

Anthracene

Concen: 2.064 ng/ul

RT: 17.395 min Scan# 2452

Delta R.T. 0.001 min

Lab File: BG061432.D

Acq: 3 Jun 2024 20:56

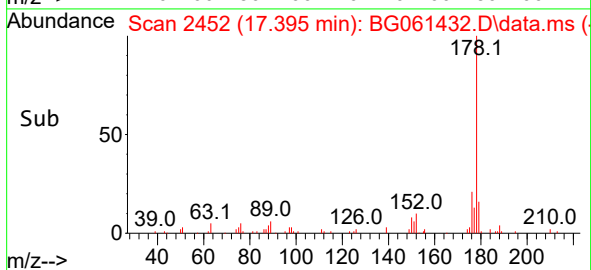
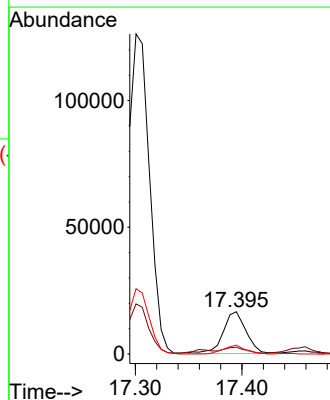
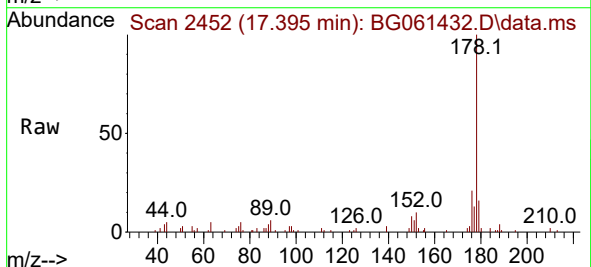
Tgt Ion:178 Resp: 24979

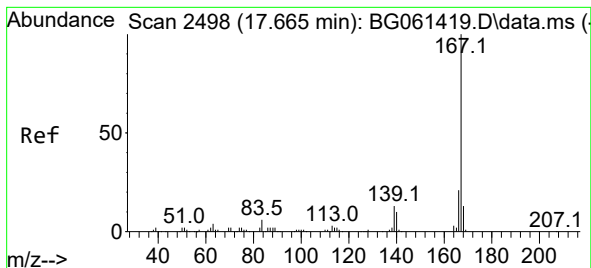
Ion Ratio Lower Upper

178 100

179 15.8 11.8 17.6

176 20.7 14.9 22.3





#77

Carbazole

Concen: 1.636 ng/ul

RT: 17.665 min Scan# 2498

Delta R.T. 0.001 min

Lab File: BG061432.D

Acq: 3 Jun 2024 20:56

Instrument :

BNA_G

ClientSampleId :

BH6C3

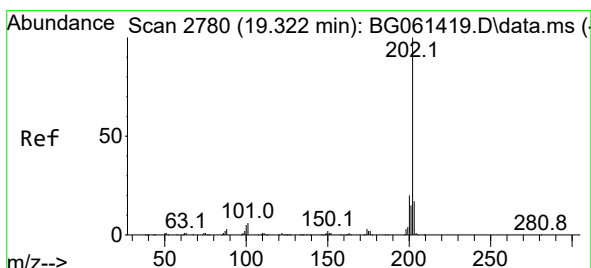
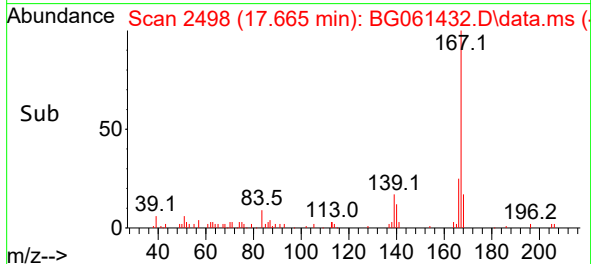
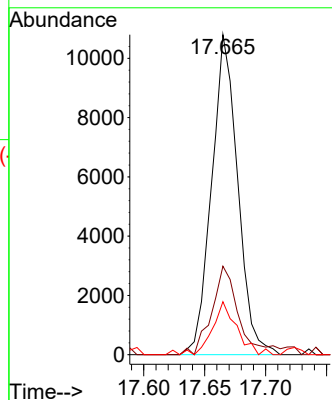
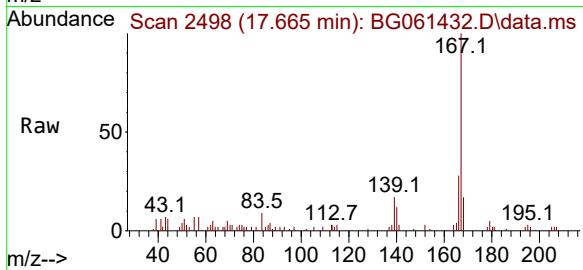
Tgt Ion:167 Resp: 16098

Ion Ratio Lower Upper

167 100

166 27.7 18.6 28.0

139 16.6 10.6 15.8#



#80

Fluoranthene

Concen: 29.826 ng/ul

RT: 19.322 min Scan# 2780

Delta R.T. 0.007 min

Lab File: BG061432.D

Acq: 3 Jun 2024 20:56

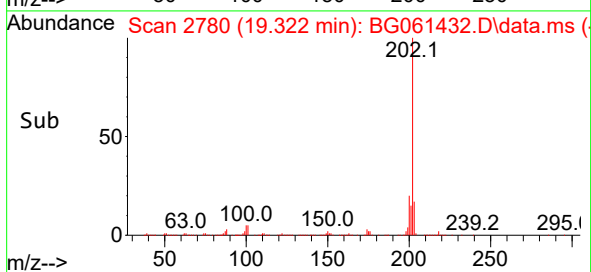
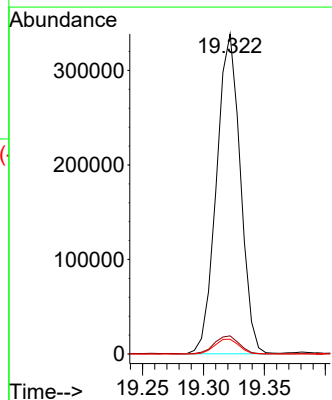
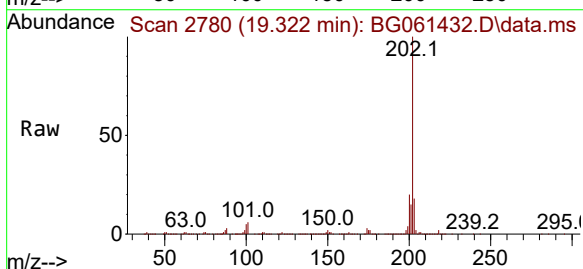
Tgt Ion:202 Resp: 460678

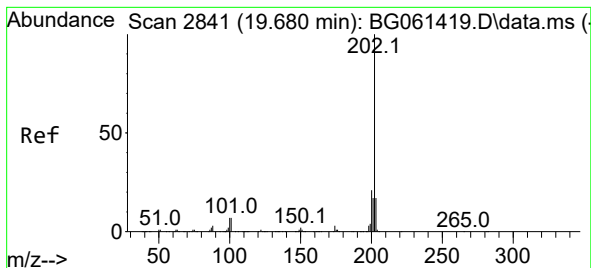
Ion Ratio Lower Upper

202 100

101 5.7 4.8 7.2

100 4.6 4.1 6.1





#82

Pyrene

Concen: 27.300 ng/ul

RT: 19.686 min Scan# 2

Delta R.T. 0.007 min

Lab File: BG061432.D

Acq: 3 Jun 2024 20:56

Instrument :

BNA_G

ClientSampleId :

BH6C3

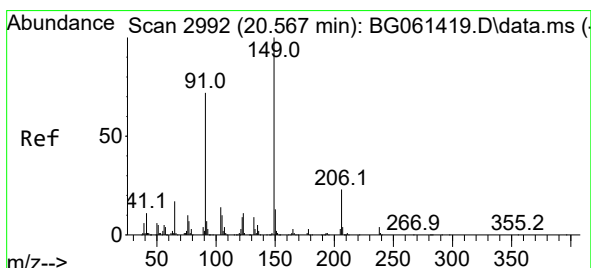
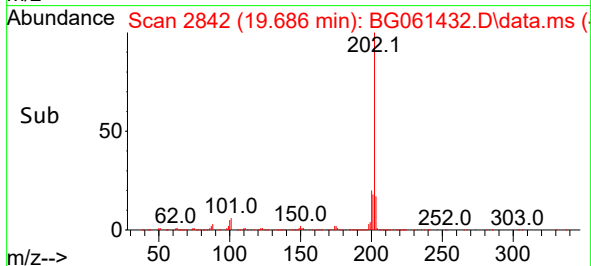
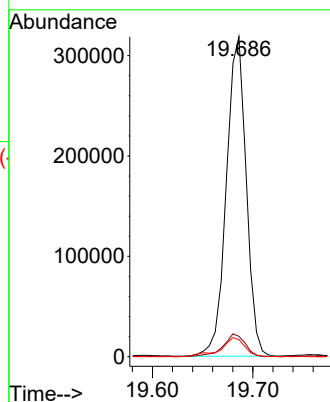
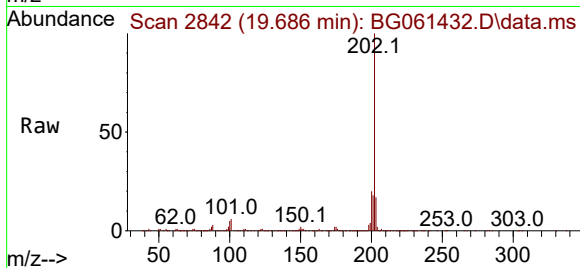
Tgt Ion:202 Resp: 437699

Ion Ratio Lower Upper

202 100

101 6.4 5.7 8.5

100 5.4 5.1 7.7



#83

Butylbenzylphthalate

Concen: 1.206 ng/ul

RT: 20.573 min Scan# 2993

Delta R.T. 0.001 min

Lab File: BG061432.D

Acq: 3 Jun 2024 20:56

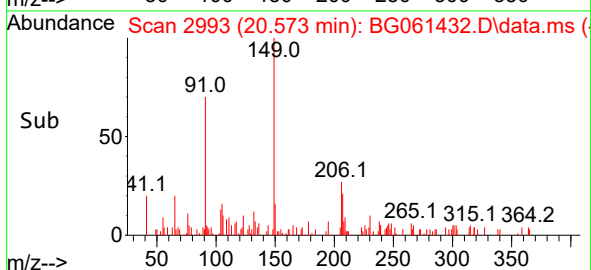
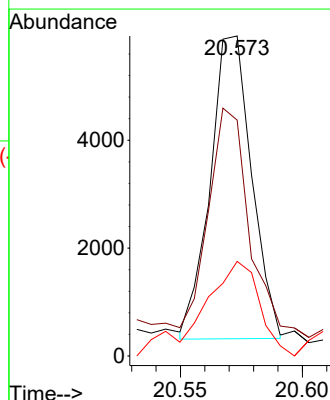
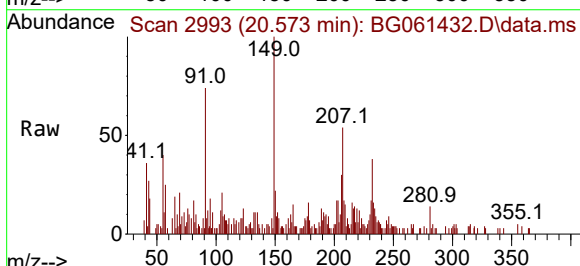
Tgt Ion:149 Resp: 6643

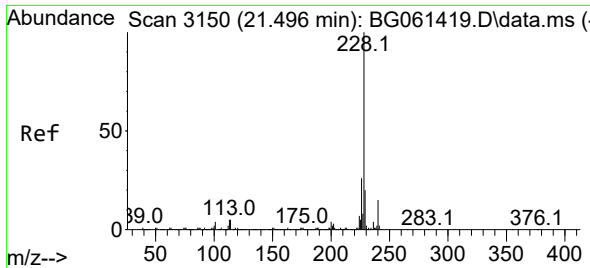
Ion Ratio Lower Upper

149 100

91 73.7 54.8 82.2

206 29.5 19.4 29.0#

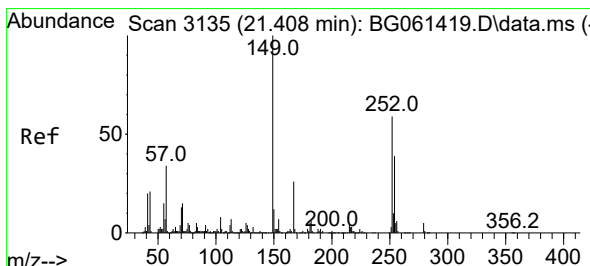
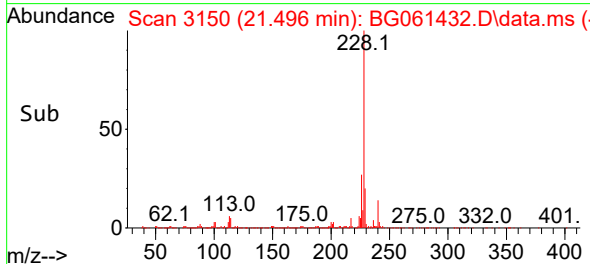
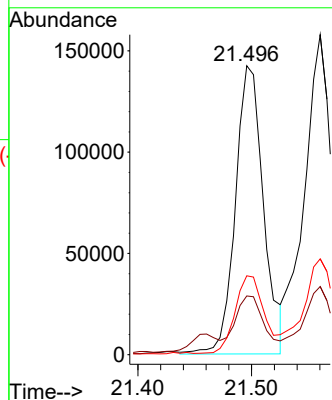
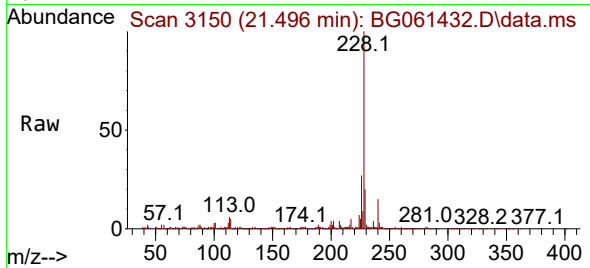




#85
Benzo(a)anthracene
Concen: 14.138 ng/ul
RT: 21.496 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BG061432.D
Acq: 3 Jun 2024 20:56

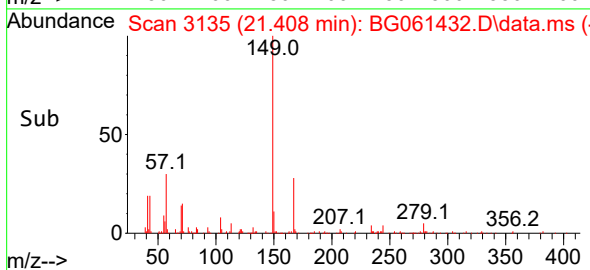
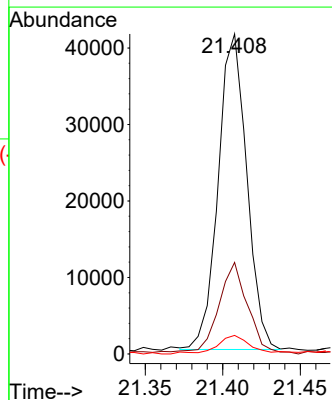
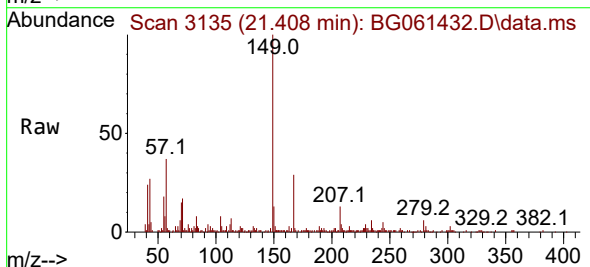
Instrument :
BNA_G
ClientSampleId :
BH6C3

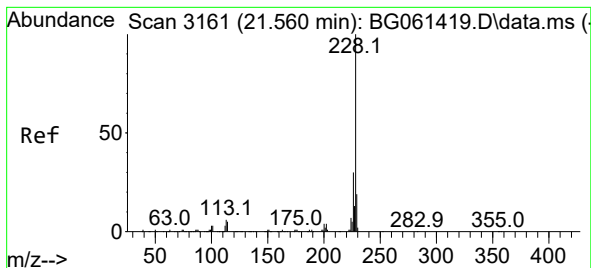
Tgt Ion:228 Resp: 244615
Ion Ratio Lower Upper
228 100
229 20.3 15.2 22.8
226 27.3 21.4 32.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 6.483 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG061432.D
Acq: 3 Jun 2024 20:56

Tgt Ion:149 Resp: 52857
Ion Ratio Lower Upper
149 100
167 28.6 21.1 31.7
279 5.8 3.3 4.9#





#87

Chrysene

Concen: 16.759 ng/ul

RT: 21.560 min Scan# 3161

Delta R.T. 0.007 min

Lab File: BG061432.D

Acq: 3 Jun 2024 20:56

Instrument :

BNA_G

ClientSampleId :

BH6C3

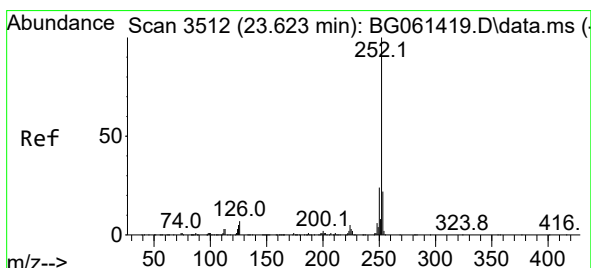
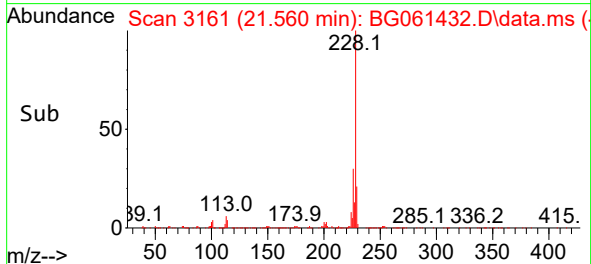
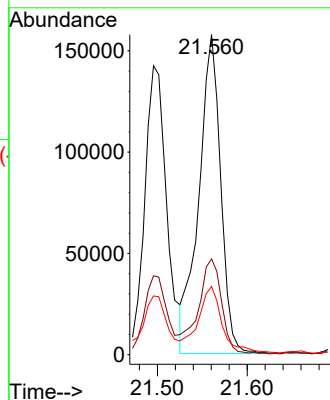
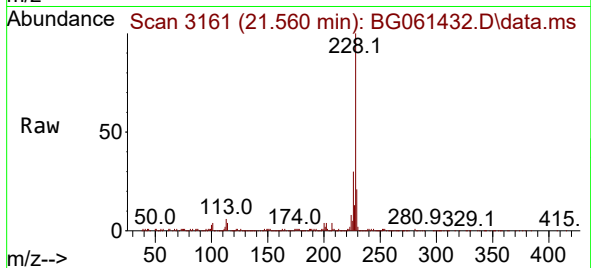
Tgt Ion:228 Resp: 267008

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

229 21.3 15.4 23.2



#90

Benzo(b)fluoranthene

Concen: 20.717 ng/ul

RT: 23.629 min Scan# 3513

Delta R.T. 0.013 min

Lab File: BG061432.D

Acq: 3 Jun 2024 20:56

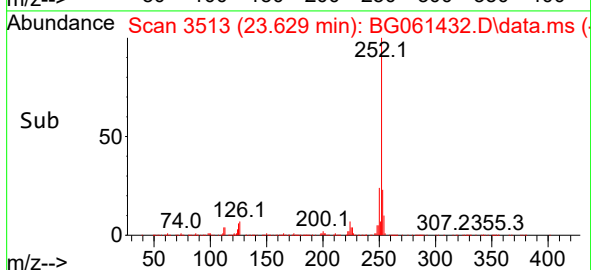
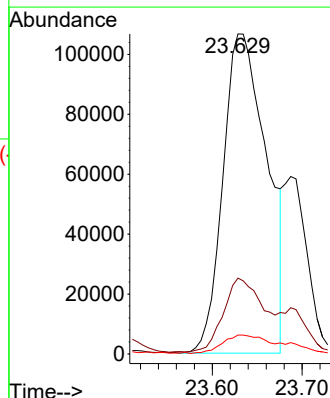
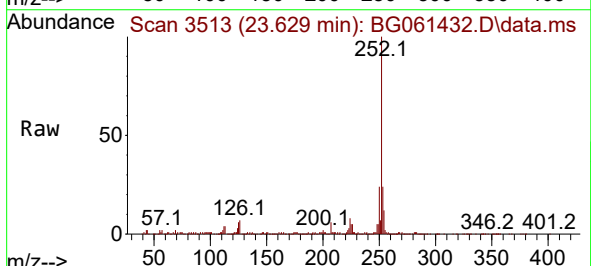
Tgt Ion:252 Resp: 360946

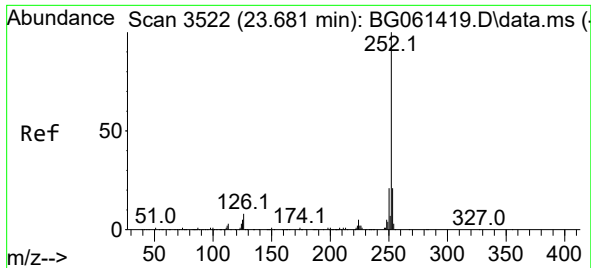
Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

125 5.9 4.6 6.8

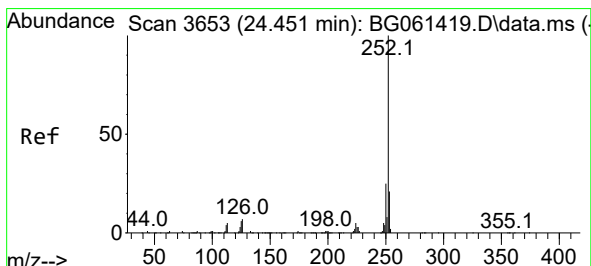
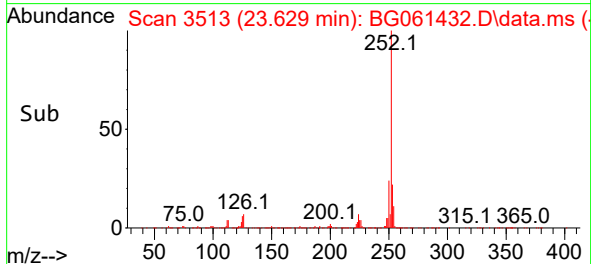
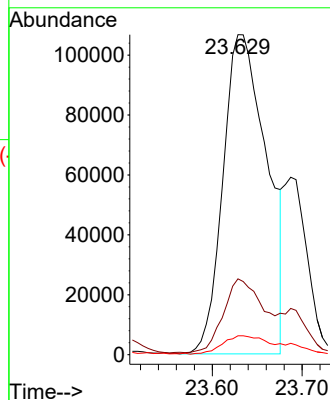
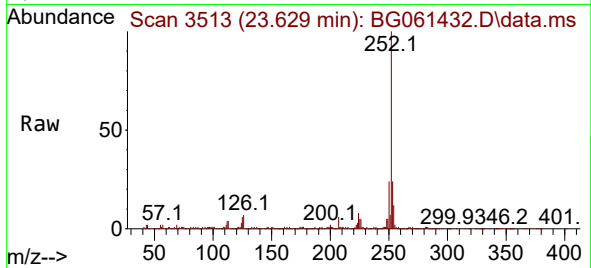




#91
Benzo(k)fluoranthene
Concen: 20.408 ng/u1
RT: 23.629 min Scan# 31
Delta R.T. -0.052 min
Lab File: BG061432.D
Acq: 3 Jun 2024 20:56

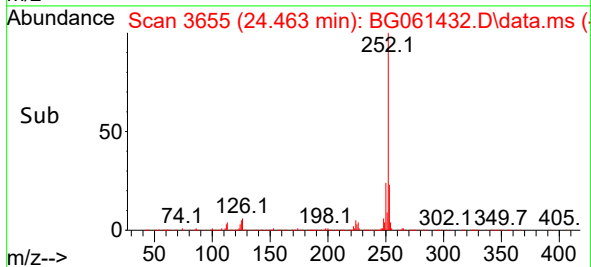
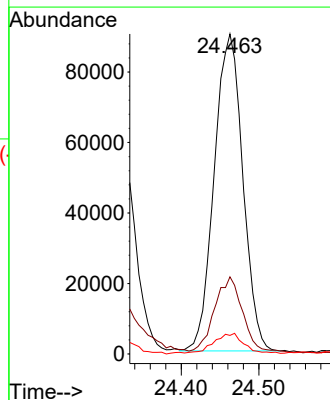
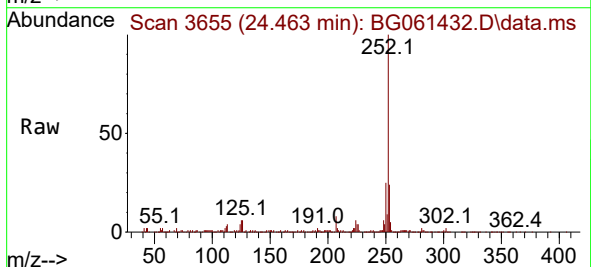
Instrument :
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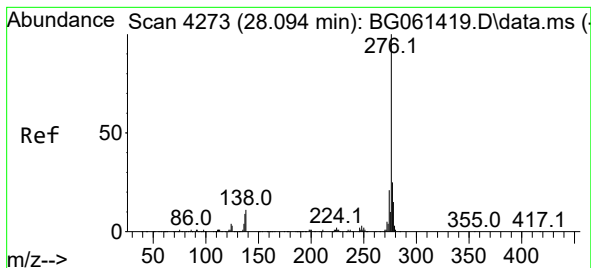
Tgt Ion:252 Resp: 360946
Ion Ratio Lower Upper
252 100
253 23.7 16.0 24.0
125 5.9 4.3 6.5



#93
Benzo(a)pyrene
Concen: 13.926 ng/u1
RT: 24.463 min Scan# 3655
Delta R.T. 0.013 min
Lab File: BG061432.D
Acq: 3 Jun 2024 20:56

Tgt Ion:252 Resp: 230392
Ion Ratio Lower Upper
252 100
253 24.1 16.4 24.6
125 5.8 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.202 ng/ul

RT: 28.117 min Scan# 41

Delta R.T. 0.025 min

Lab File: BG061432.D

Acq: 3 Jun 2024 20:56

Instrument :

BNA_G

ClientSampleId :

BH6C3

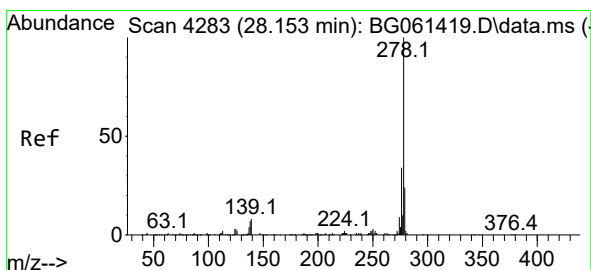
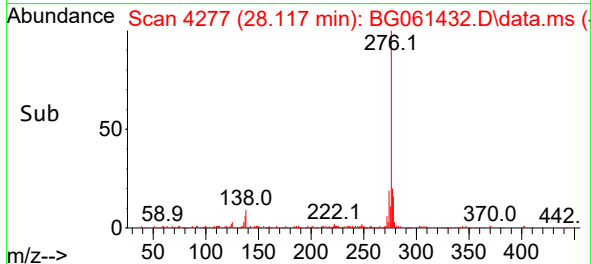
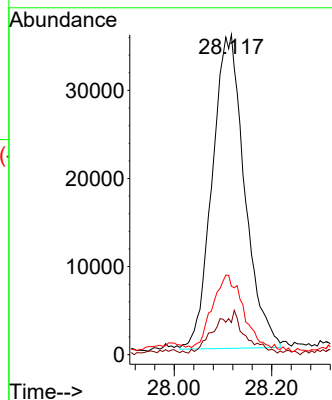
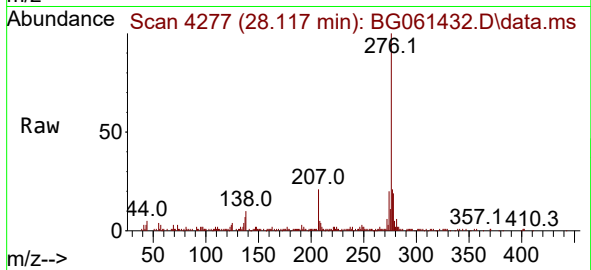
Tgt Ion:276 Resp: 164088

Ion Ratio Lower Upper

276 100

138 10.1 8.6 13.0

277 21.4 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 2.672 ng/ul

RT: 28.135 min Scan# 4280

Delta R.T. -0.005 min

Lab File: BG061432.D

Acq: 3 Jun 2024 20:56

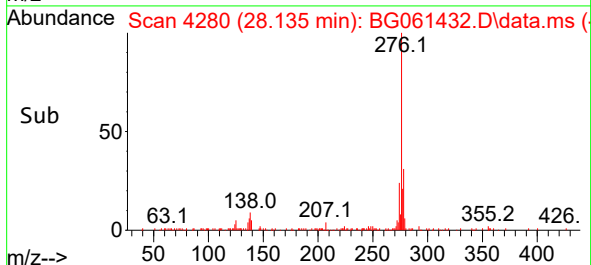
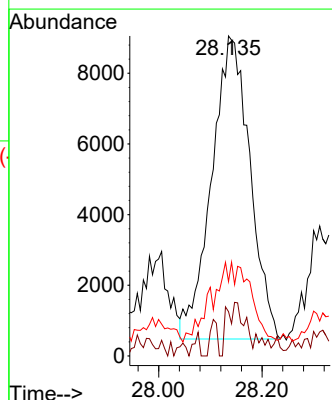
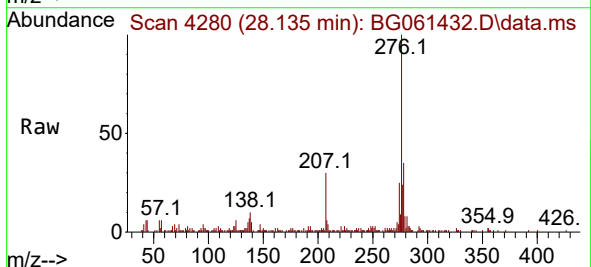
Tgt Ion:278 Resp: 44084

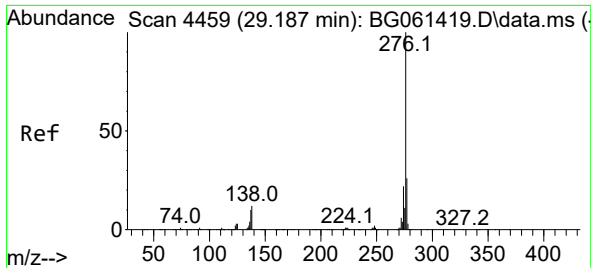
Ion Ratio Lower Upper

278 100

139 13.9 6.4 9.6#

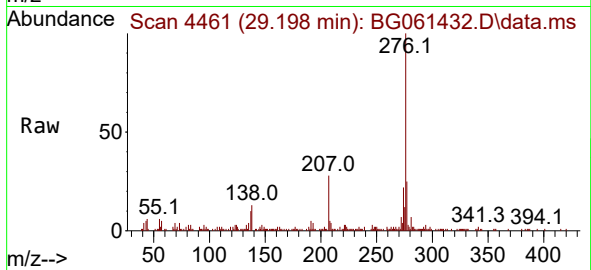
279 23.2 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 8.108 ng/ul
 RT: 29.198 min Scan# 44
 Delta R.T. 0.025 min
 Lab File: BG061432.D
 Acq: 3 Jun 2024 20:56

Instrument :
 BNA_G
 ClientSampleId :
 BH6C3



Tgt Ion:276 Resp: 129044
 Ion Ratio Lower Upper
 276 100
 138 12.6 8.7 13.1
 277 24.8 18.2 27.2

