

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
 Data File : BG046773.D
 Acq On : 3 Oct 2020 15:50
 Operator : CG/JU
 Sample : L4150-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7J4

Quant Time: Oct 05 01:00:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:58:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	76938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	313349	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	229927	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	538113	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	535301	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	540879	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	4813	3.07	ng/uL	0.00
5) Phenol-d5	7.25	99	114160	17.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	69329	17.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	85141	17.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	85430	16.59	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	45189	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	51036	21.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	95033	16.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	96480	14.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	337361	19.20	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	386844	18.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	56751	18.95	ng/ul	0.00
58) Fluorene-d10	15.72	176	305566	18.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	47465	17.65	ng/ul	0.00
71) Anthracene-d10	17.58	188	469734	19.03	ng/ul	0.00
79) Pyrene-d10	19.86	212	558366	20.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	543910	18.66	ng/ul	0.00

Target Compounds

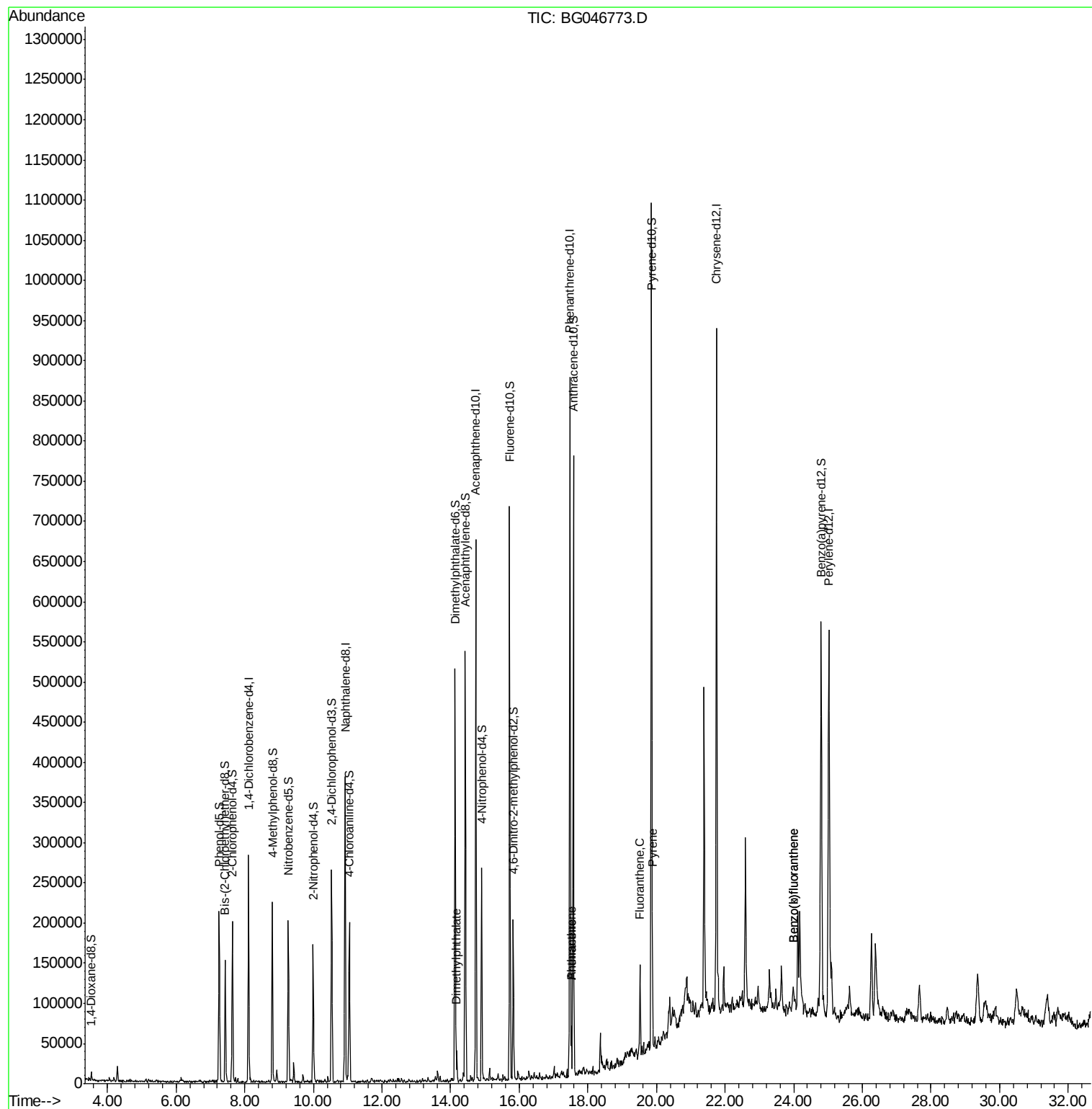
					Ovalue	
45) Dimethylphthalate	14.18	163	24661	1.387	ng/ul#	98
70) Phenanthrene	17.52	178	41017	1.394	ng/ul	93
72) Anthracene	17.52	178	41017	1.376	ng/ul	94
77) Fluoranthene	19.52	202	66803	1.912	ng/ul	99
80) Pyrene	19.88	202	56539	1.643	ng/ul#	95
88) Benzo(b)fluoranthene	23.99	252	41217	1.155	ng/ul	98
89) Benzo(k)fluoranthene	23.99	252	41217	1.185	ng/ul	98

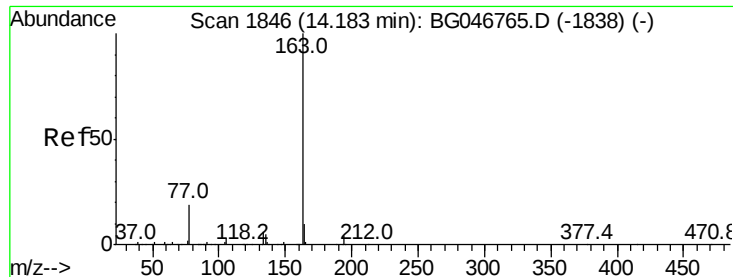
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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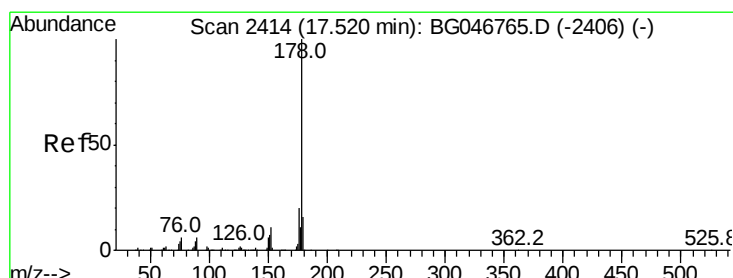
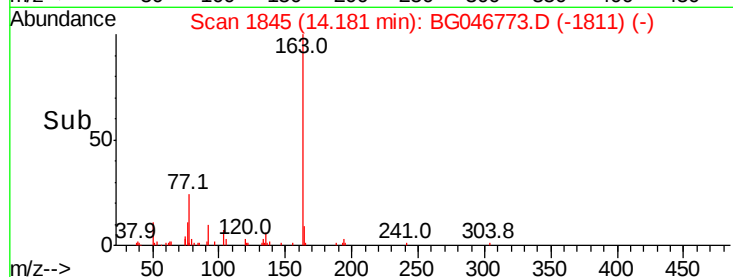
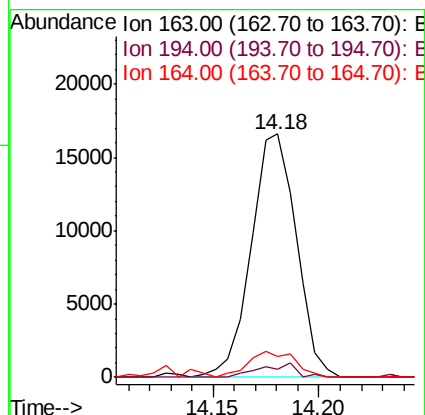
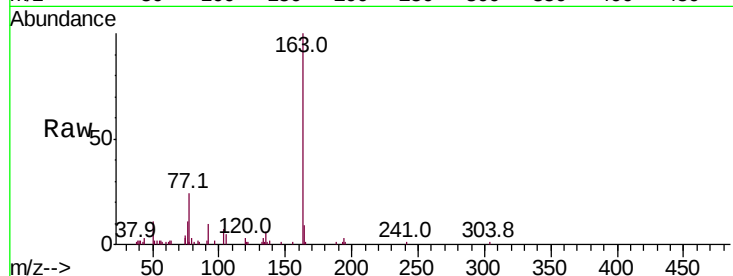




#45
Dimethylphthalate
Concen: 1.387 ng/ul
RT: 14.18 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BG046773.D
Acq: 3 Oct 2020 15:50

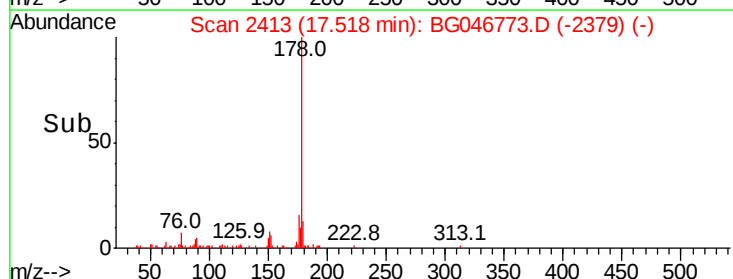
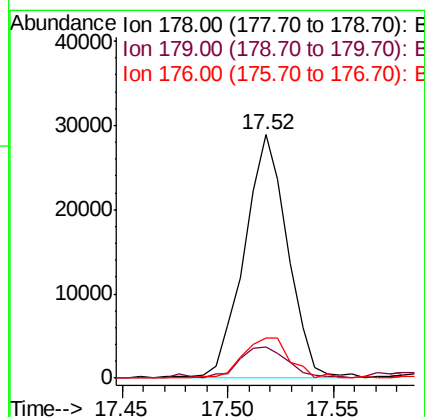
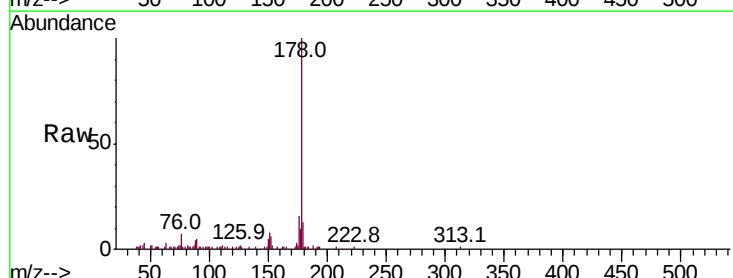
Instrument :
BNA_G
ClientSampleId :
CB7J4

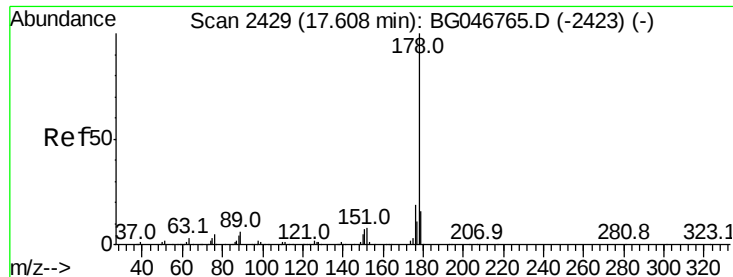
Tot Ion:163 Resp: 24661
Ion Ratio Lower Upper
163 100
194 3.3 3.6 5.4#
164 8.6 7.4 11.0



#70
Phenanthrene
Concen: 1.394 ng/ul
RT: 17.52 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG046773.D
Acq: 3 Oct 2020 15:50

Tgt Ion:178 Resp: 41017
Ion Ratio Lower Upper
178 100
179 12.6 12.6 18.8
176 16.4 15.4 23.2





#72

Anthracene

Concen: 1.376 ng/ul

RT: 17.52 min Scan# 2413

Delta R.T. -0.09 min

Lab File: BG046773.D

Acq: 3 Oct 2020 15:50

Instrument :

BNA_G

ClientSampleId :

CB7J4

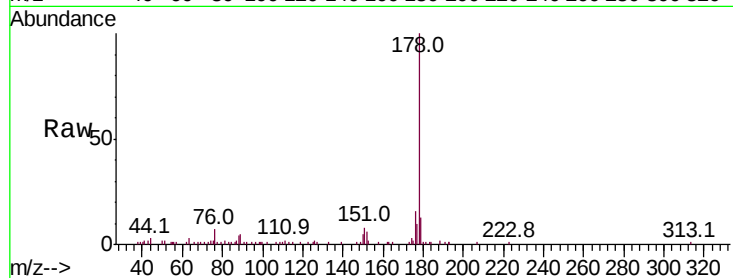
Tot Ion:178 Resp: 41017

Ion	Ratio	Lower	Upper
178	100		
179	12.6	11.9	17.9
176	16.4	15.2	22.8

178 100

179 12.6 11.9 17.9

176 16.4 15.2 22.8

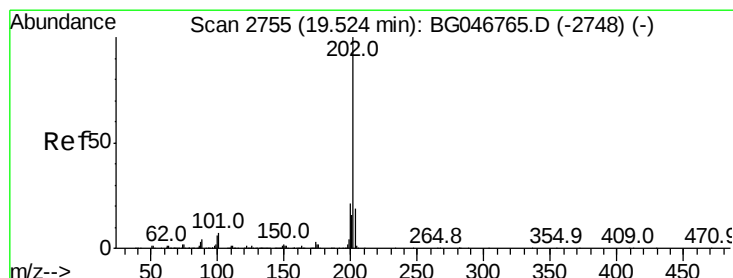
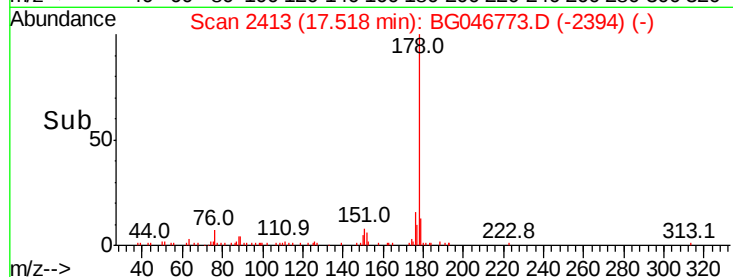
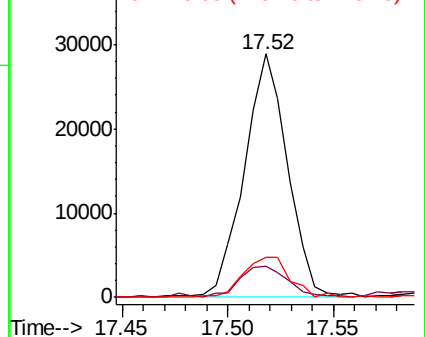


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 1.912 ng/ul

RT: 19.52 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG046773.D

Acq: 3 Oct 2020 15:50

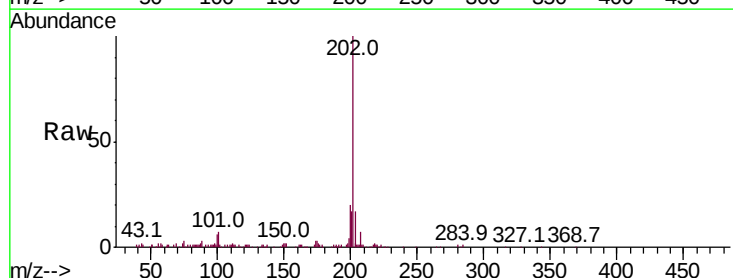
Tgt Ion:202 Resp: 66803

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.8	8.6
100	5.7	4.5	6.7

202 100

101 7.8 5.8 8.6

100 5.7 4.5 6.7

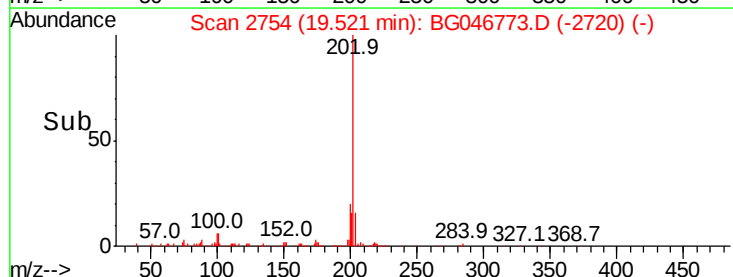
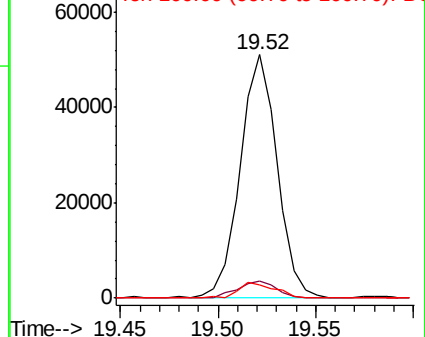


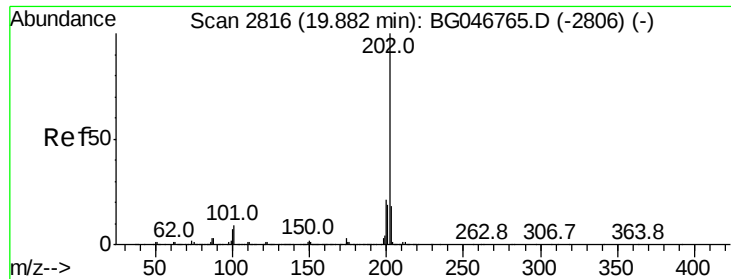
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

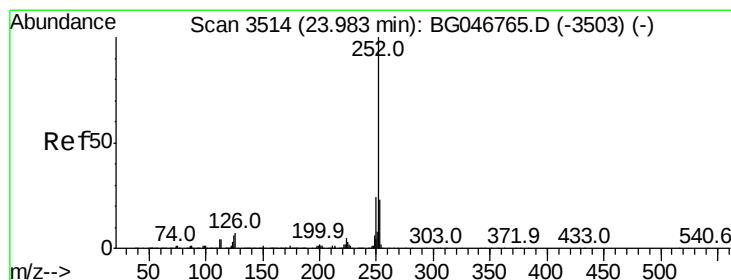
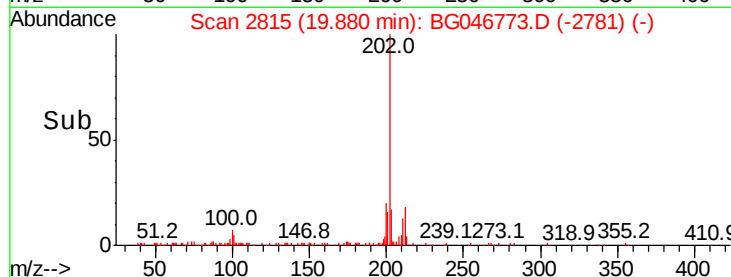
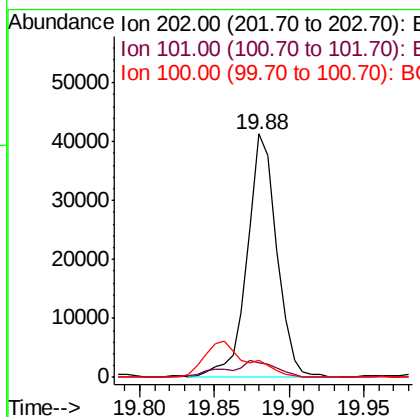
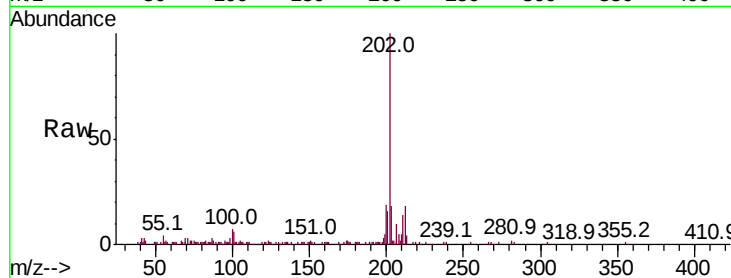




#80
Pvrene
Concen: 1.643 ng/ul
RT: 19.88 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG046773.D
Acq: 3 Oct 2020 15:50

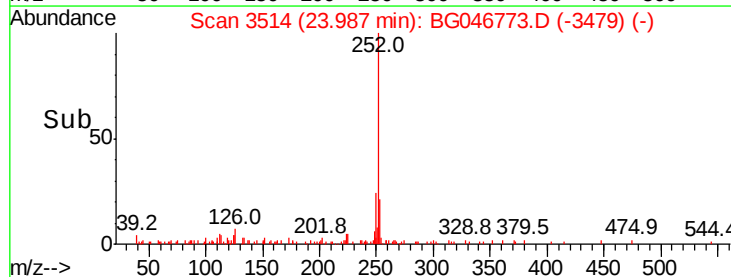
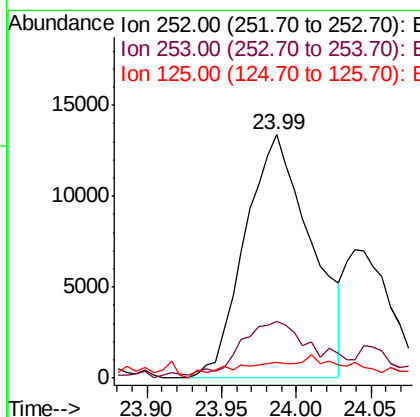
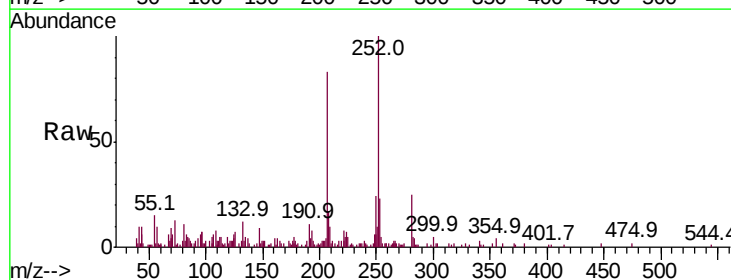
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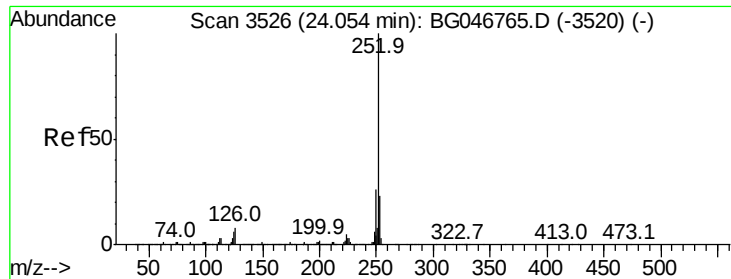
Tot Ion	Ratio	Lower	Upper
202	100		
101	5.7	7.0	10.4#
100	6.8	6.0	9.0



#88
Benzo(b)fluoranthene
Concen: 1.155 ng/ul
RT: 23.99 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG046773.D
Acq: 3 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	6.5	5.0	7.4





#89

Benzo(k)fluoranthene

Concen: 1.185 ng/ul

RT: 23.99 min Scan# 3514

Delta R.T. -0.07 min

Lab File: BG046773.D

Acq: 3 Oct 2020 15:50

Instrument :

BNA_G

ClientSampleId :

CB7J4

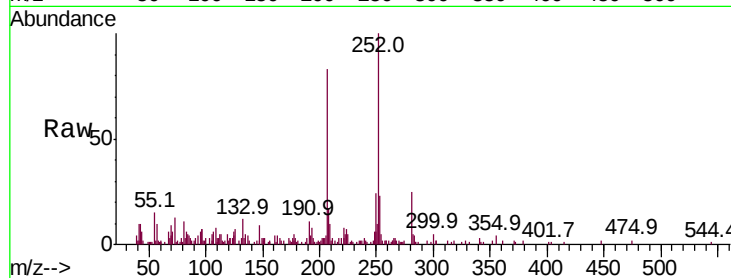
Tot Ion:252 Resp: 41217

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 6.5 4.8 7.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

