

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
 Data File : BG046772.D
 Acq On : 3 Oct 2020 15:10
 Operator : CG/JU
 Sample : L4150-10
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7J6

Quant Time: Oct 05 01:00:16 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	8.11	152	81878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	335401	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	242348	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	564703	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	548031	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	563789	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	4500	2.70	ng/uL	0.00
5) Phenol-d5	7.25	99	97987	13.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	65087	15.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	79589	15.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	81255	14.83	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	40578	16.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	46693	18.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	91712	15.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	88787	12.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	306627	16.56	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	341829	15.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	28343	8.98	ng/ul	0.00
58) Fluorene-d10	15.73	176	264855	15.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	24930	8.84	ng/ul	0.00
71) Anthracene-d10	17.58	188	381599	14.73	ng/ul	0.00
79) Pyrene-d10	19.86	212	453989	15.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	449044	14.78	ng/ul	0.00

Target Compounds

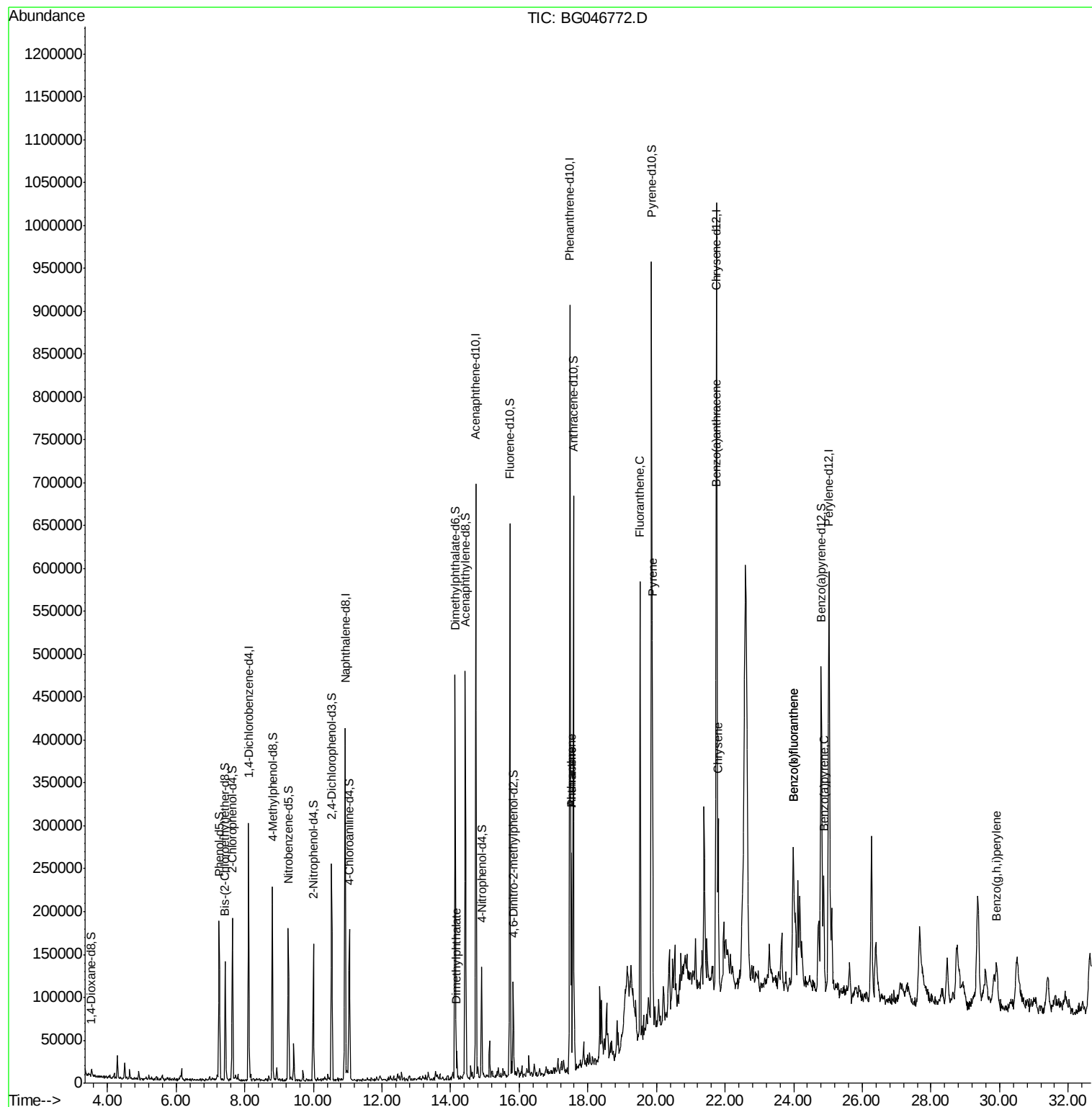
					Ovalue
45) Dimethylphthalate	14.17	163	20506	1.094 ng/ul	98
70) Phenanthrene	17.52	178	163351	5.291 ng/ul	98
72) Anthracene	17.52	178	163346	5.222 ng/ul	99
77) Fluoranthene	19.52	202	326156	8.897 ng/ul	99
80) Pyrene	19.88	202	283912	8.060 ng/ul#	96
83) Benzo(a)anthracene	21.73	228	171781	4.791 ng/ul	98
85) Chrysene	21.79	228	161187	4.634 ng/ul	100
88) Benzo(b)fluoranthene	23.99	252	227264	6.110 ng/ul	95
89) Benzo(k)fluoranthene	23.99	252	227264	6.269 ng/ul	96
91) Benzo(a)pyrene	24.87	252	144987	4.268 ng/ul	98
94) Benzo(g,h,i)perylene	29.93	276	90603	2.595 ng/ul	94

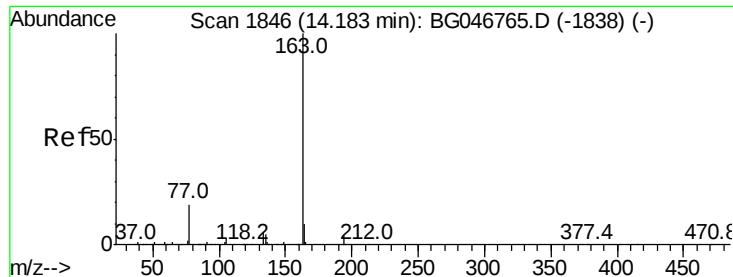
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 05 00:58:20 2020
Response via : Initial Calibration

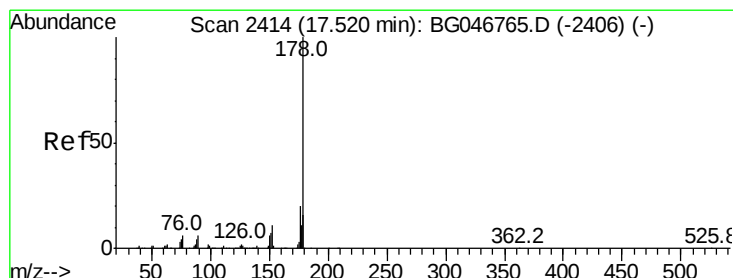
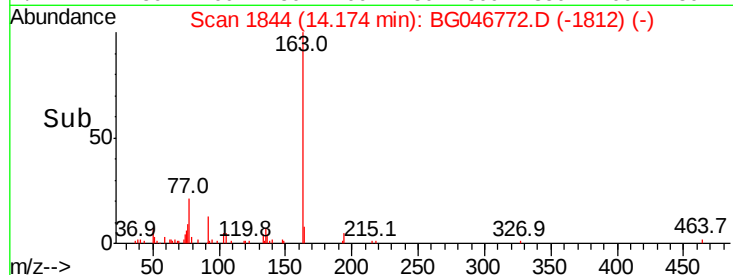
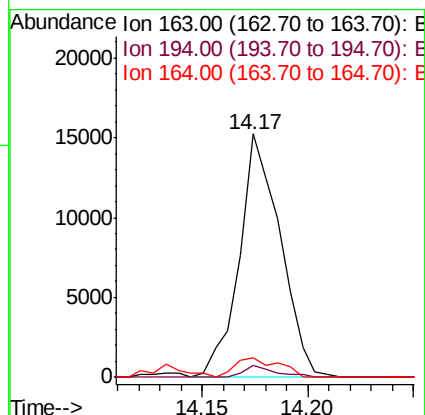
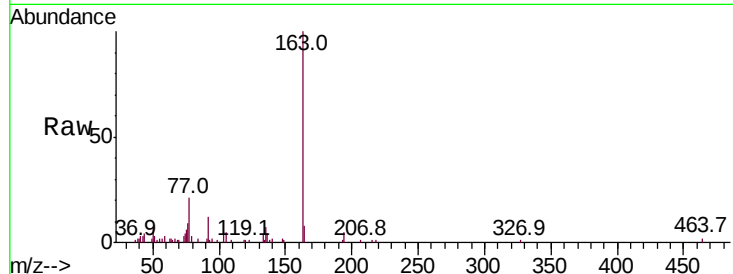




#45
Dimethylphthalate
Concen: 1.094 ng/ul
RT: 14.17 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG046772.D
Acq: 3 Oct 2020 15:10

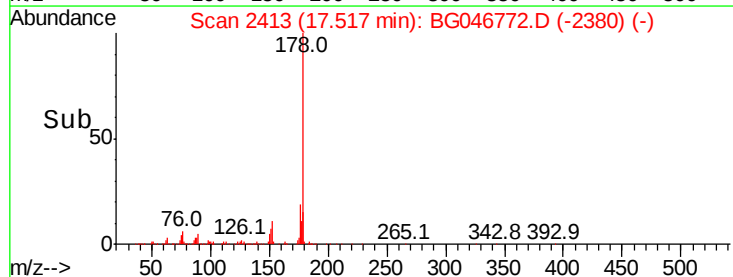
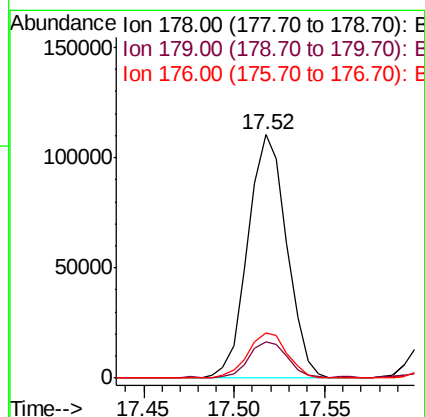
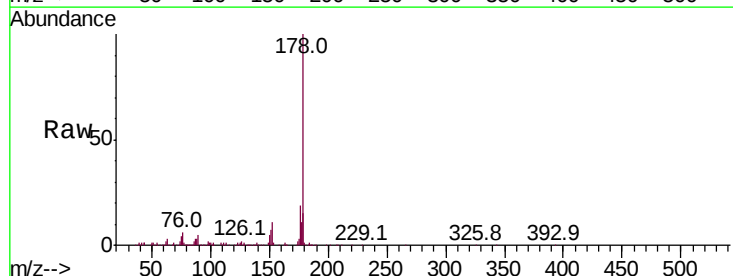
Instrument :
BNA_G
ClientSampleId :
CB7J6

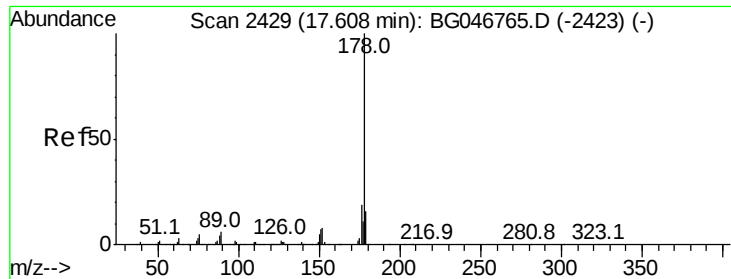
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	8.3	7.4	11.0



#70
Phenanthrene
Concen: 5.291 ng/ul
RT: 17.52 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG046772.D
Acq: 3 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	18.8
176	18.6	15.4	23.2





#72

Anthracene

Concen: 5.222 ng/ul

RT: 17.52 min Scan# 2413

Delta R.T. -0.09 min

Lab File: BG046772.D

Acq: 3 Oct 2020 15:10

Instrument :

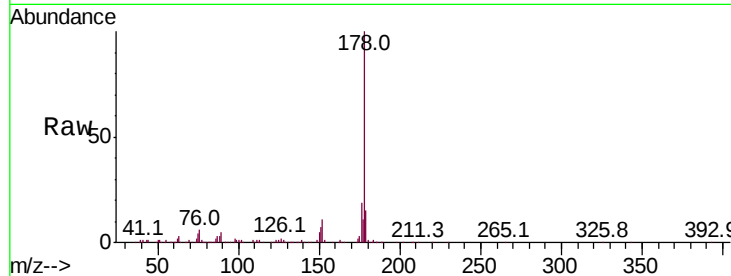
BNA_G

ClientSampleId :

CB7J6

Tot Ion:178 Resp: 163346

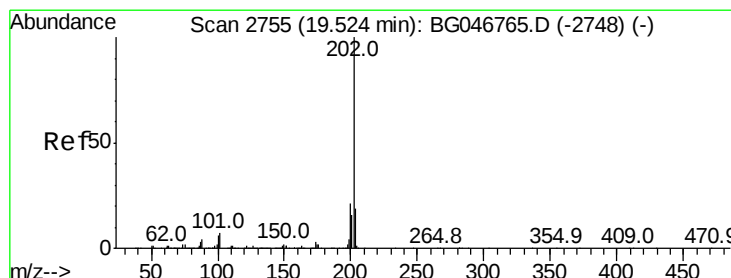
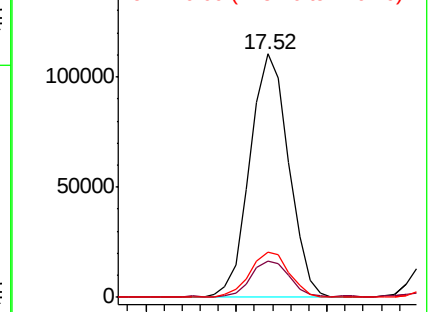
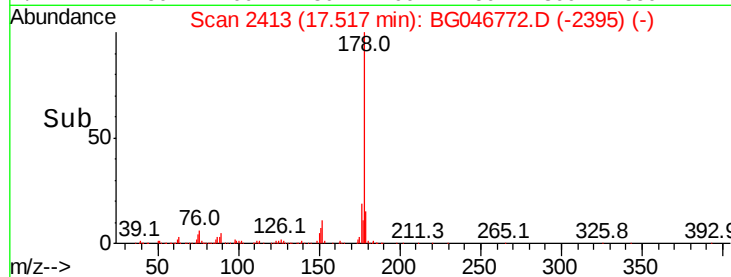
Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	18.6	15.2	22.8



Abundance Ion 178.00 (177.70 to 178.70): E

150000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 8.897 ng/ul

RT: 19.52 min Scan# 2754

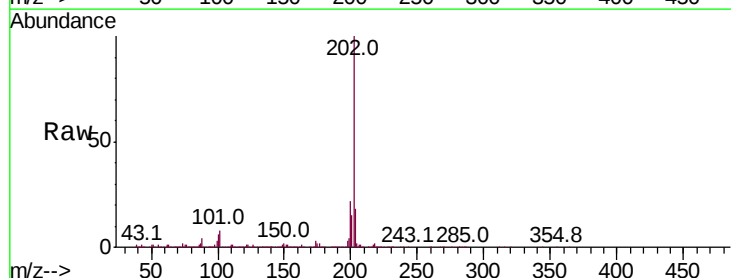
Delta R.T. -0.00 min

Lab File: BG046772.D

Acq: 3 Oct 2020 15:10

Tgt Ion:202 Resp: 326156

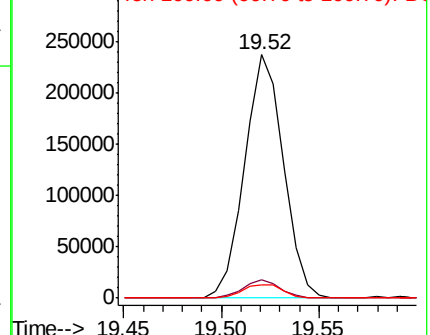
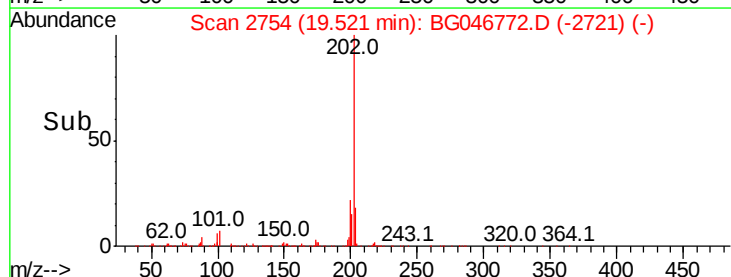
Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.8	8.6
100	5.6	4.5	6.7

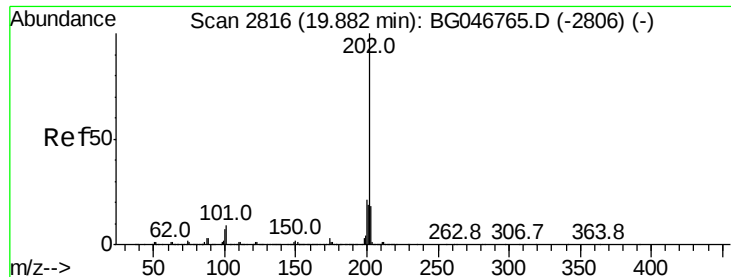


Abundance Ion 202.00 (201.70 to 202.70): E

300000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

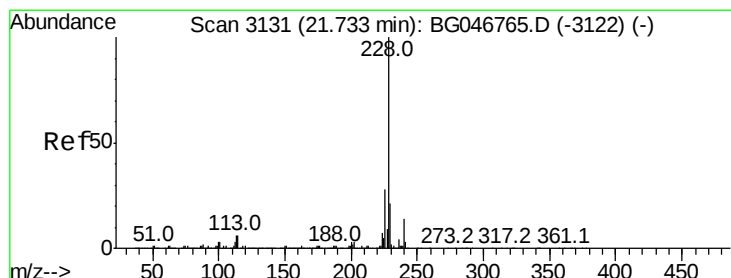
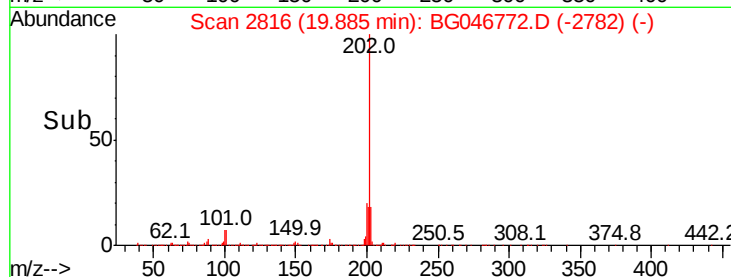
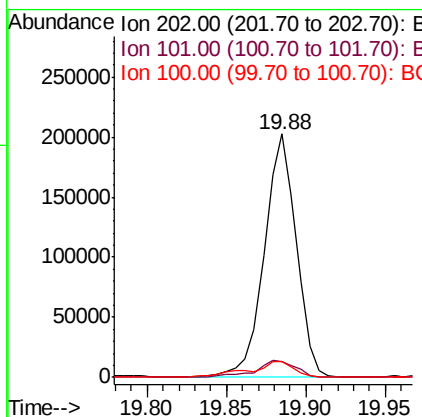
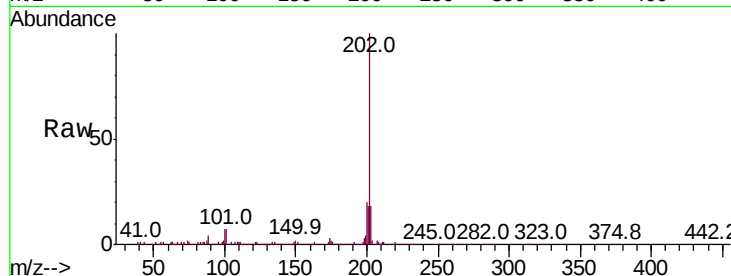




#80
 Pvrene
 Concen: 8.060 ng/ul
 RT: 19.88 min Scan# 2816
 Delta R.T. 0.00 min
 Lab File: BG046772.D
 Acq: 3 Oct 2020 15:10

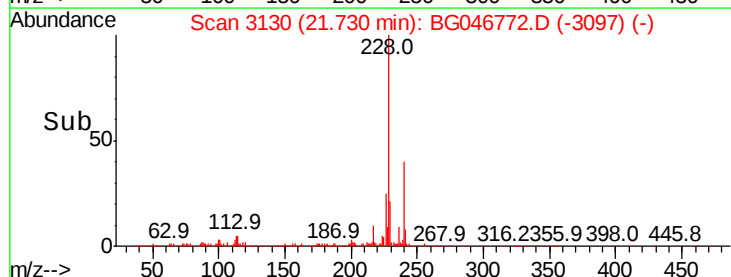
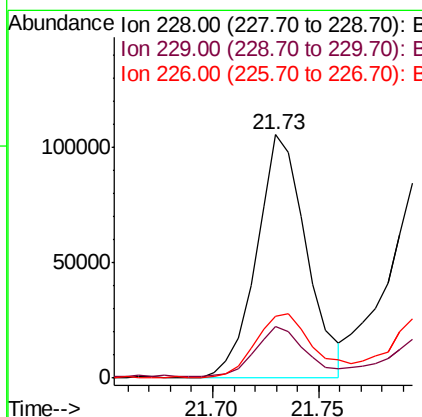
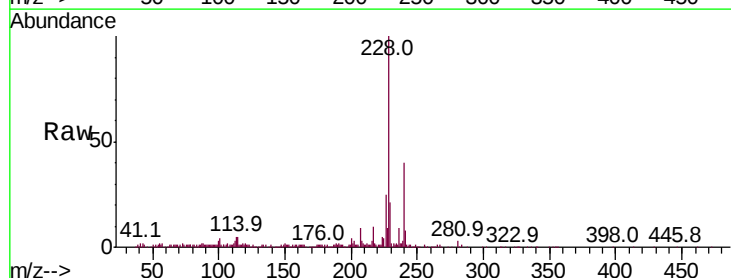
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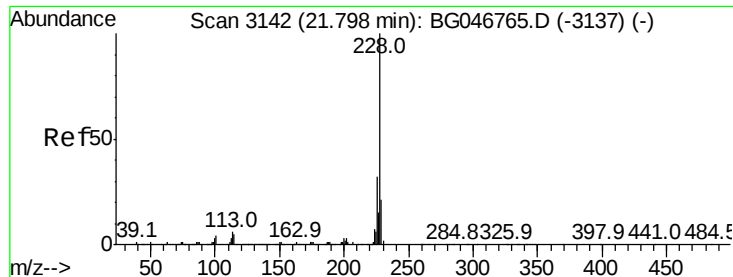
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.6	7.0	10.4#
100	6.7	6.0	9.0



#83
 Benzo(a)anthracene
 Concen: 4.791 ng/ul
 RT: 21.73 min Scan# 3130
 Delta R.T. -0.00 min
 Lab File: BG046772.D
 Acq: 3 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.5	24.7
226	25.5	21.6	32.4

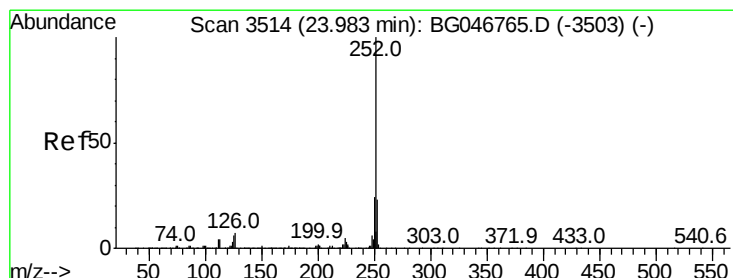
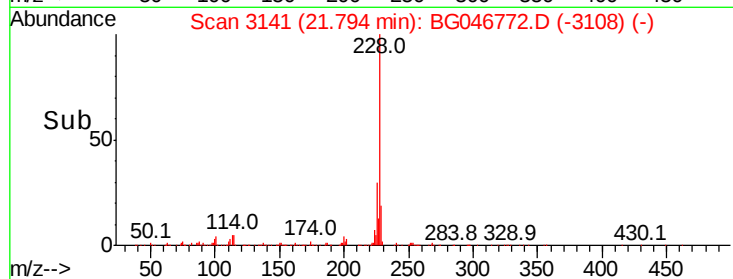
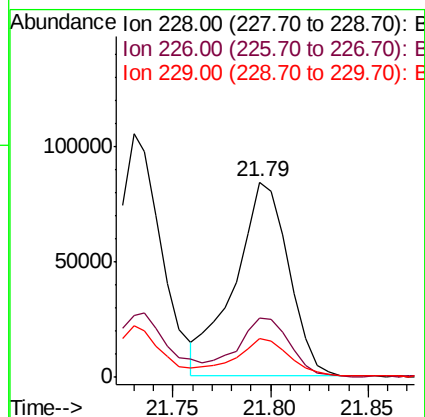
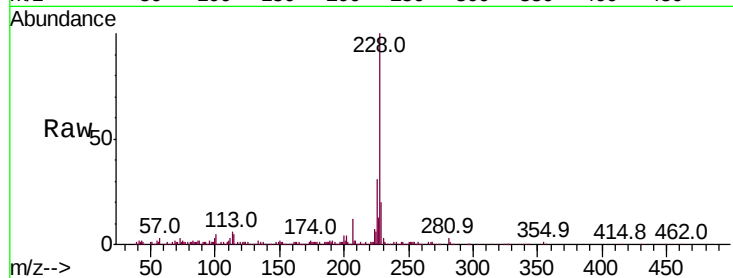




#85
 Chrysene
 Concen: 4.634 ng/ul
 RT: 21.79 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG046772.D
 Acq: 3 Oct 2020 15:10

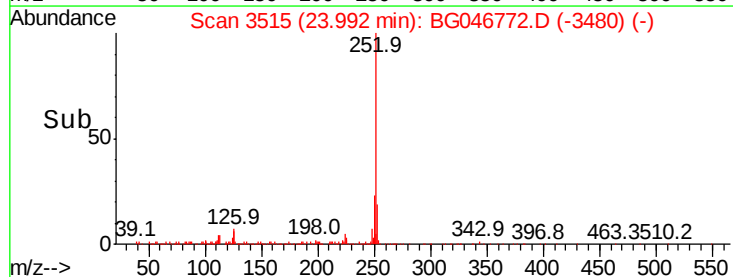
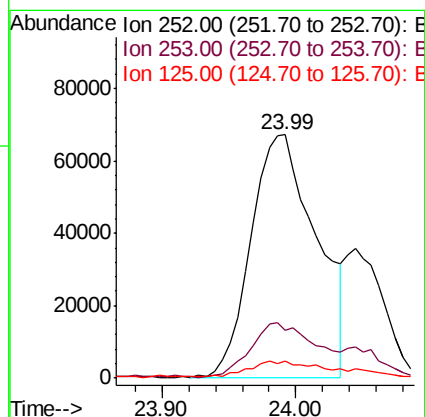
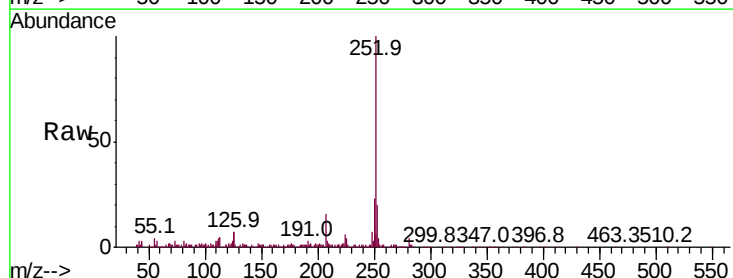
Instrument :
 BNA_G
 ClientSampleId :
 CB7J6

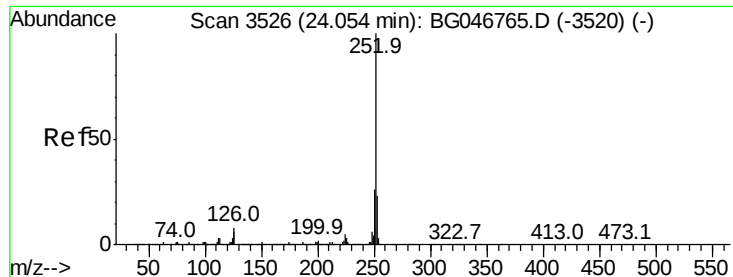
Tot	Ion:228	Resp:	161187
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	19.9	15.8	23.8



#88
 Benzo(b)fluoranthene
 Concen: 6.110 ng/ul
 RT: 23.99 min Scan# 3515
 Delta R.T. 0.01 min
 Lab File: BG046772.D
 Acq: 3 Oct 2020 15:10

Tgt	Ion:252	Resp:	227264
Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.9	26.9
125	6.9	5.0	7.4





#89

Benzo(k)fluoranthene

Concen: 6.269 ng/ul

RT: 23.99 min Scan# 3515

Delta R.T. -0.06 min

Lab File: BG046772.D

Acq: 3 Oct 2020 15:10

Instrument :

BNA_G

ClientSampleId :

CB7J6

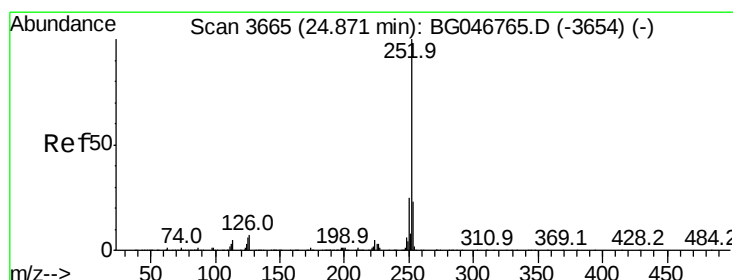
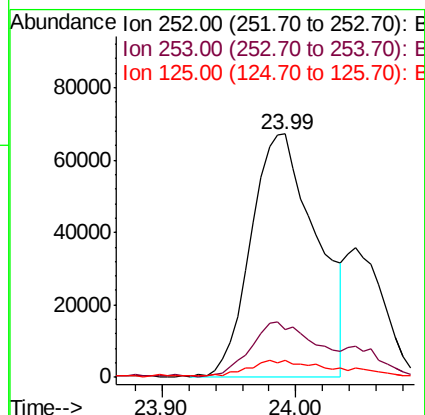
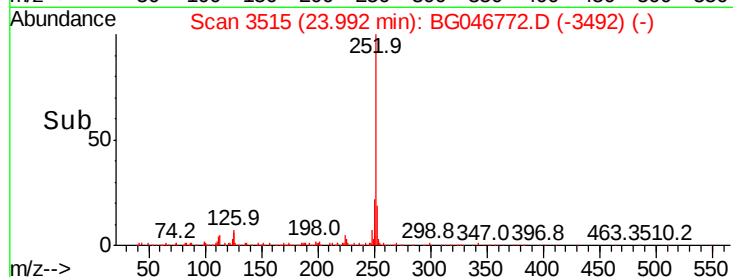
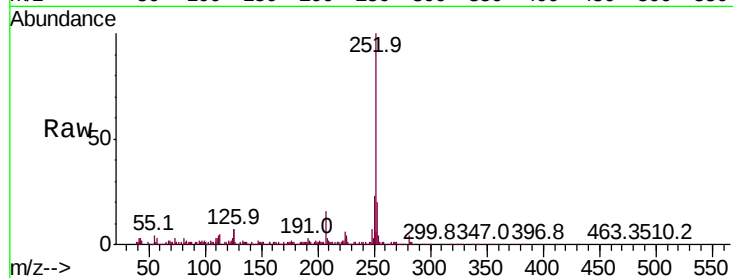
Tot Ion:252 Resp: 227264

Ion Ratio Lower Upper

252 100

253 19.8 17.7 26.5

125 6.9 4.8 7.2



#91

Benzo(a)pyrene

Concen: 4.268 ng/ul

RT: 24.87 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG046772.D

Acq: 3 Oct 2020 15:10

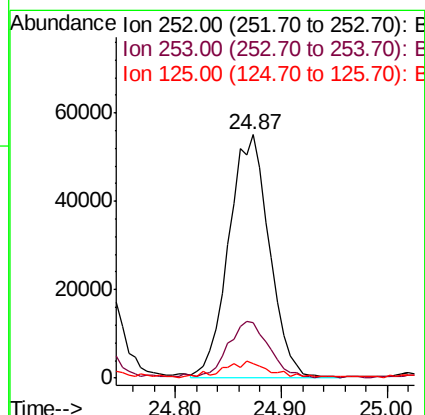
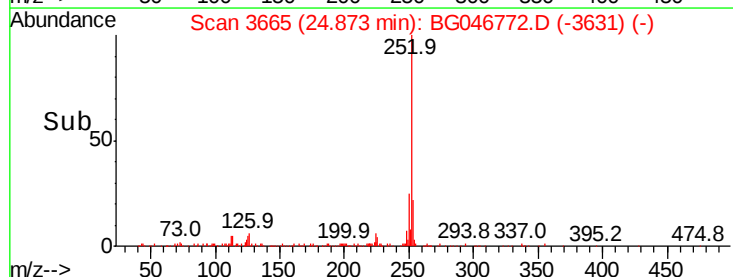
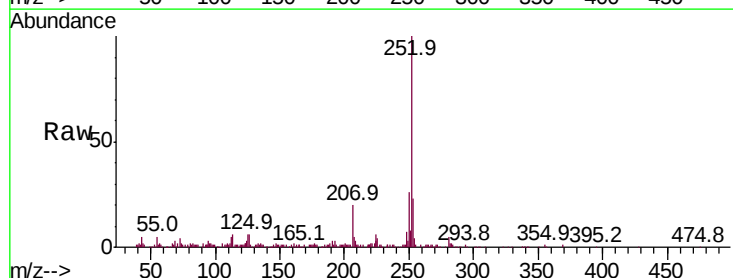
Tgt Ion:252 Resp: 144987

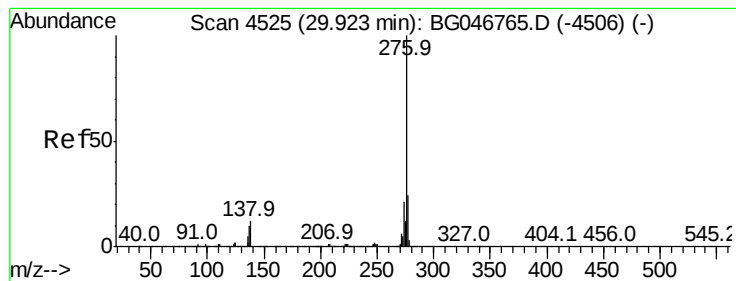
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 6.1 5.4 8.2





#94

Benzo(a,h,i)perylene

Concen: 2.595 ng/ul

RT: 29.93 min Scan# 4525

Delta R.T. 0.00 min

Lab File: BG046772.D

Acq: 3 Oct 2020 15:10

Instrument :

BNA_G

ClientSampleId :

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Tot Ion:276 Resp: 90603

Ion Ratio Lower Upper

276 100

138 10.5 10.2 15.4

277 26.5 19.0 28.6

