

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
 Data File : BG046763.D
 Acq On : 3 Oct 2020 9:08
 Operator : CG/JU
 Sample : L4150-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7J5

Quant Time: Oct 05 00:07:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 10:06:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	69291	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	275843	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	202804	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	469807	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	473611	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	481538	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6770	4.80	ng/uL	0.00
5) Phenol-d5	7.25	99	138515	23.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	85398	23.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	103922	24.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	110591	23.84	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	54924	26.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	62326	29.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	124435	25.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	105409	17.97	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	400948	25.87	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	445917	24.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	64451	24.40	ng/ul	0.00
58) Fluorene-d10	15.73	176	347281	24.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	56108	23.90	ng/ul	0.00
71) Anthracene-d10	17.58	188	486767	22.58	ng/ul	0.00
79) Pyrene-d10	19.86	212	604868	24.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	603553	23.25	ng/ul	0.00

Target Compounds

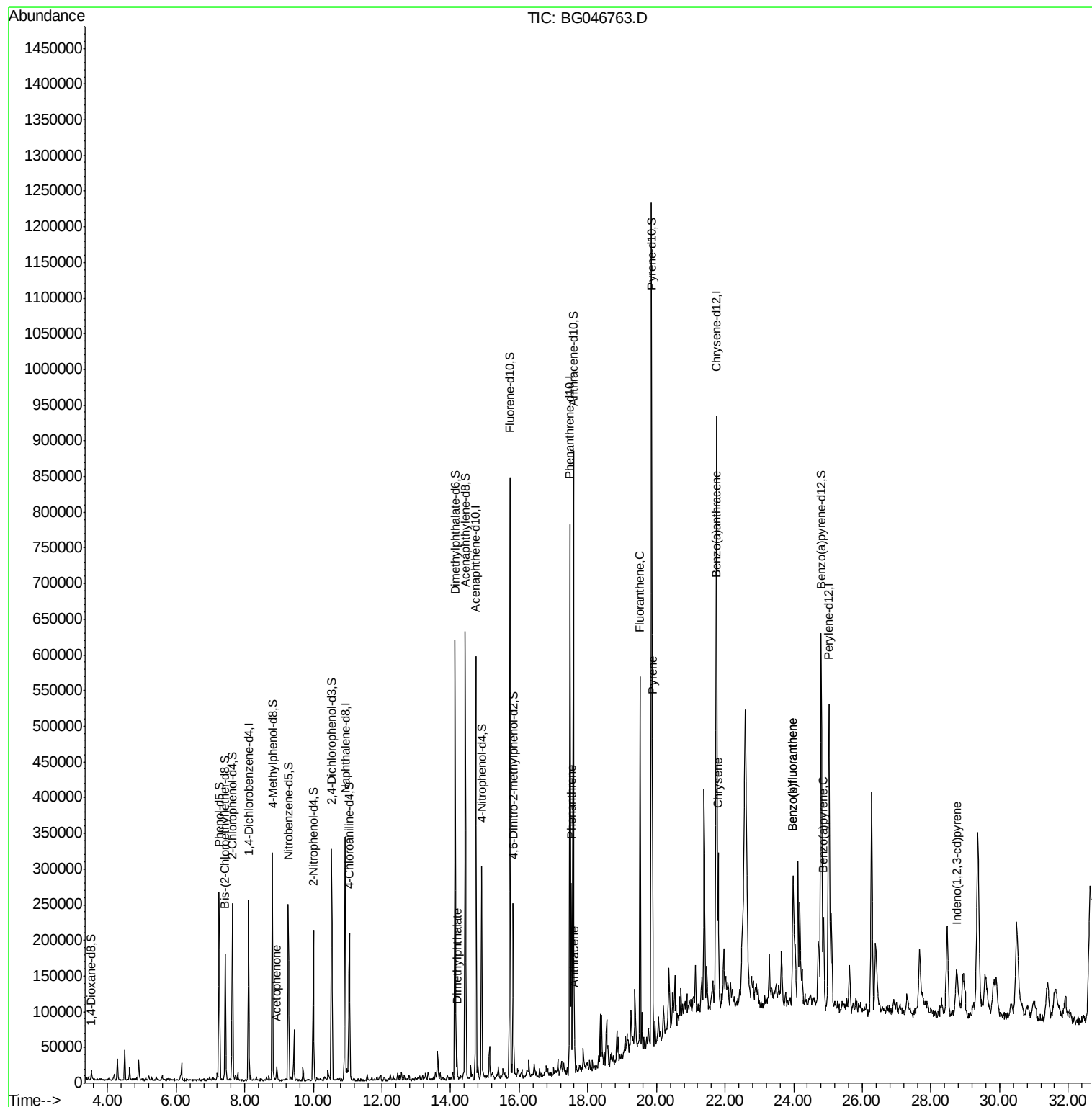
					Ovalue
14) Acetophenone	8.93	105	11116	1.478 ng/ul	90
45) Dimethylphthalate	14.17	163	25362	1.617 ng/ul#	96
70) Phenanthrene	17.52	178	167816	6.534 ng/ul	99
72) Anthracene	17.61	178	30811	1.184 ng/ul	99
77) Fluoranthene	19.52	202	331465	10.868 ng/ul	100
80) Pyrene	19.88	202	277452	9.114 ng/ul	99
83) Benzo(a)anthracene	21.73	228	183436	5.919 ng/ul	100
85) Chrysene	21.79	228	166482	5.538 ng/ul	98
88) Benzo(b)fluoranthene	23.98	252	231413	7.285 ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	231413	7.474 ng/ul	100
91) Benzo(a)pyrene	24.87	252	150709	5.194 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.75	276	108981	3.061 ng/ul	97

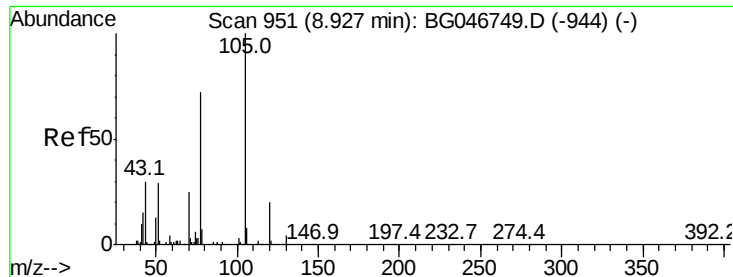
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 10:06:22 2020
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.478 ng/ul

RT: 8.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

Instrument :

BNA_G

ClientSampleId :

CB7J5

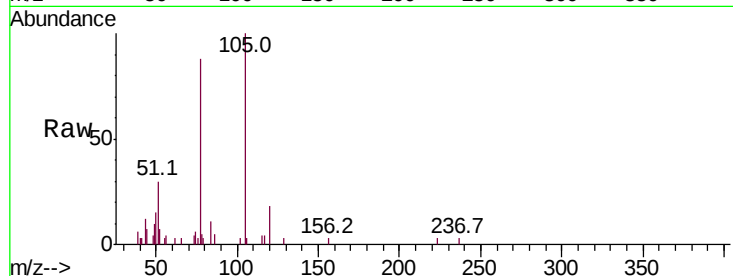
Tot Ion:105 Resp: 11116

Ion Ratio Lower Upper

105 100

77 87.6 60.4 90.6

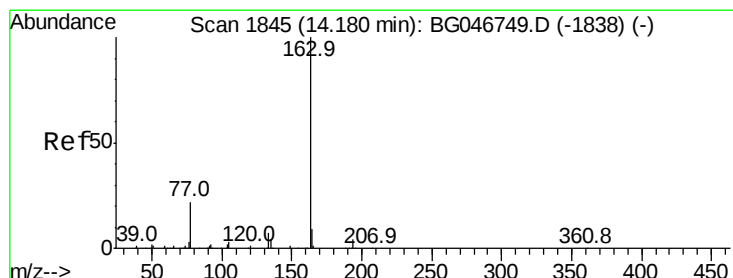
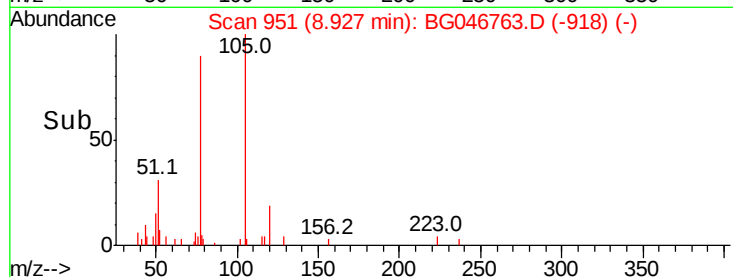
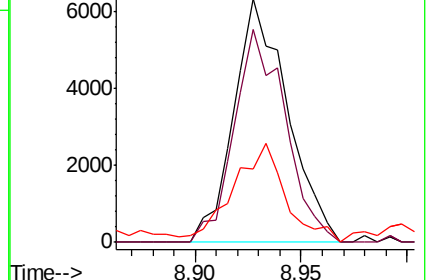
51 29.9 24.1 36.1



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#45

Dimethylphthalate

Concen: 1.617 ng/ul

RT: 14.17 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

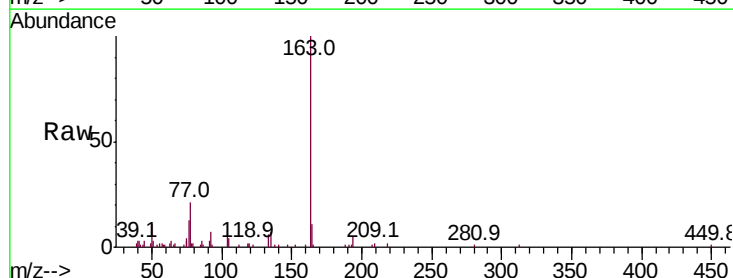
Tgt Ion:163 Resp: 25362

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

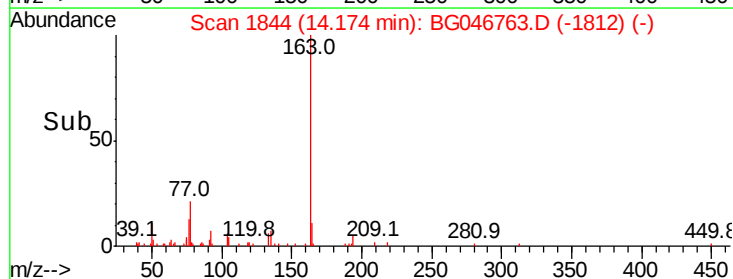
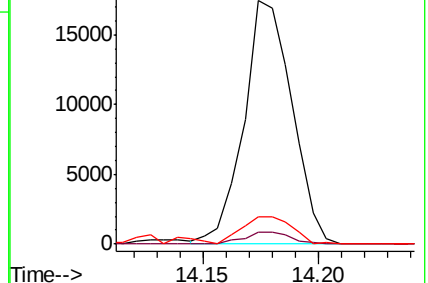
164 11.1 7.4 11.0#

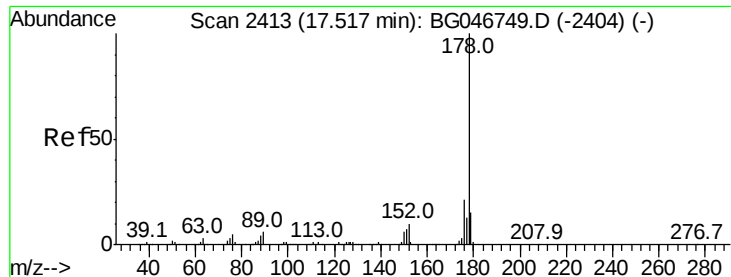


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 6.534 ng/ul

RT: 17.52 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

Instrument :

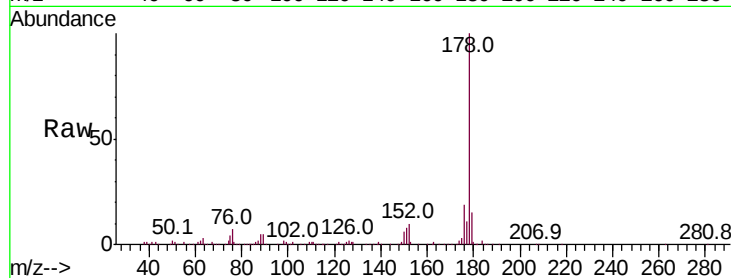
BNA_G

ClientSampleId :

CB7J5

Tot Ion:178 Resp: 167816

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	18.8
176	19.1	15.4	23.2

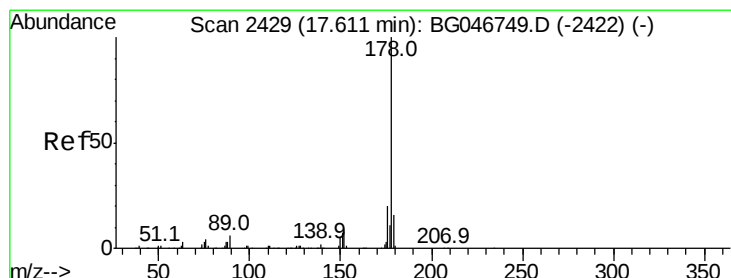
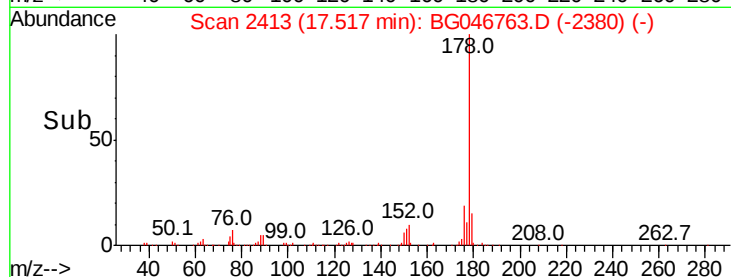
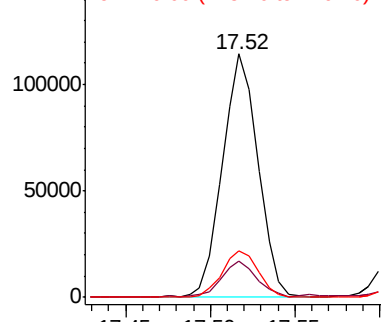


Abundance

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



#72

Anthracene

Concen: 1.184 ng/ul

RT: 17.61 min Scan# 2429

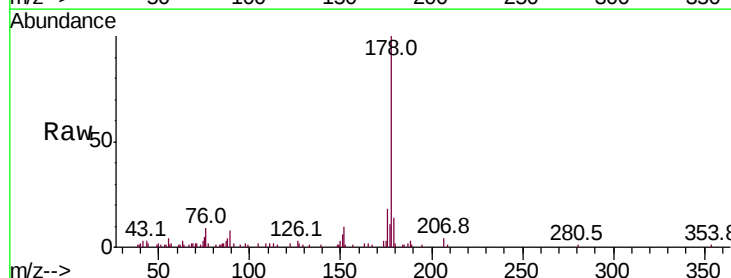
Delta R.T. -0.00 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

Tgt Ion:178 Resp: 30811

Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.9	17.9
176	18.5	15.2	22.8

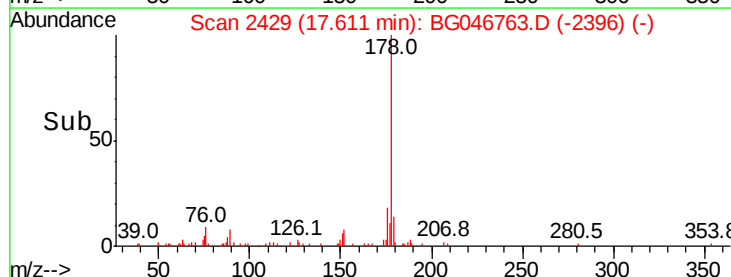
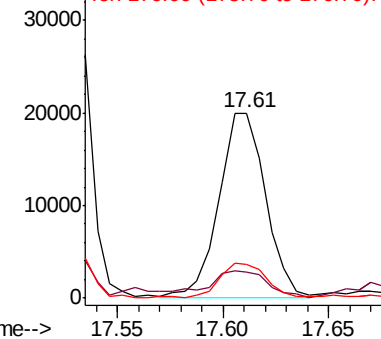


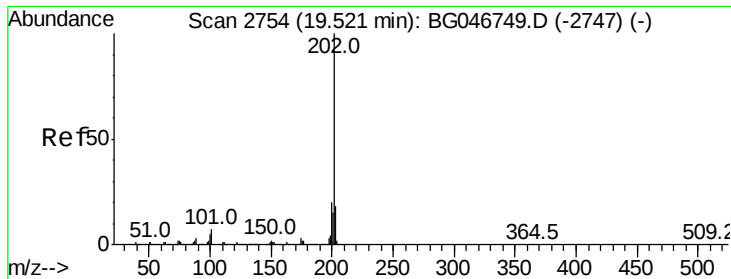
Abundance

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: 10.868 ng/ul

RT: 19.52 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

Instrument :

BNA_G

ClientSampleId :

CB7J5

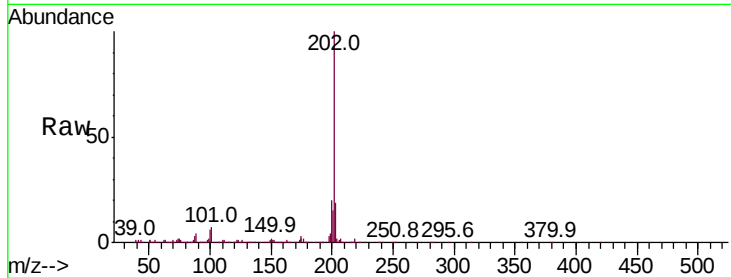
Tot Ion:202 Resp: 331465

Ion Ratio Lower Upper

202 100

101 7.3 5.8 8.6

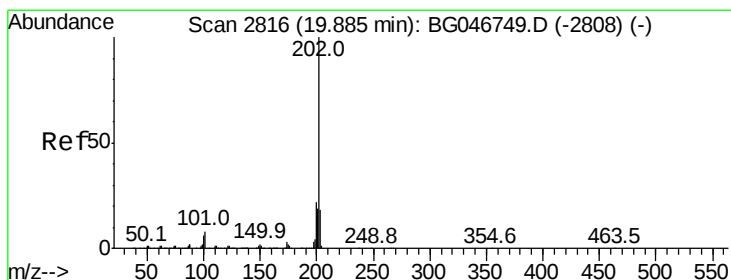
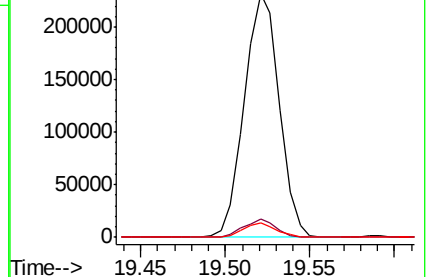
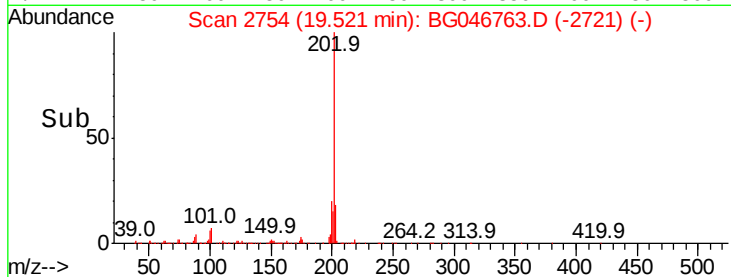
100 5.8 4.5 6.7



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

Pyrene

Concen: 9.114 ng/ul

RT: 19.88 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

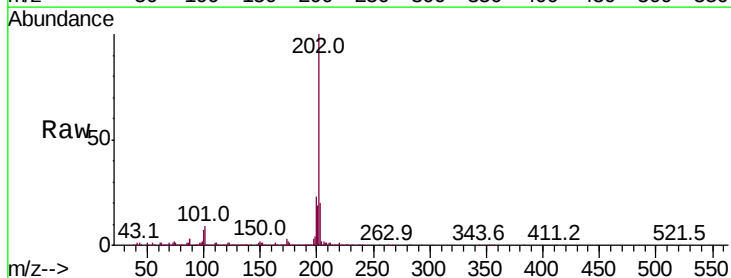
Tgt Ion:202 Resp: 277452

Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.4

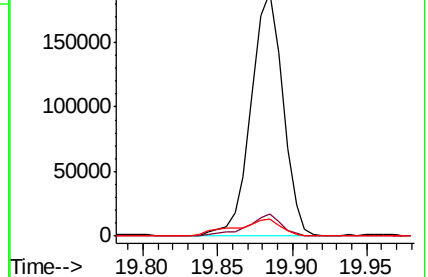
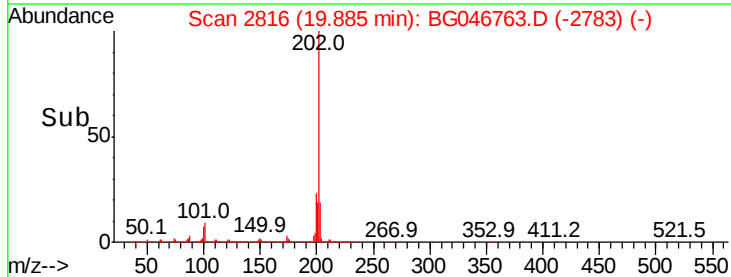
100 7.2 6.0 9.0

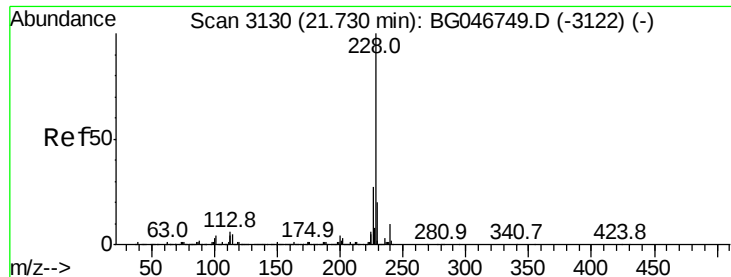


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 5.919 ng/ul

RT: 21.73 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

Instrument :

BNA_G

ClientSampled :

CB7J5

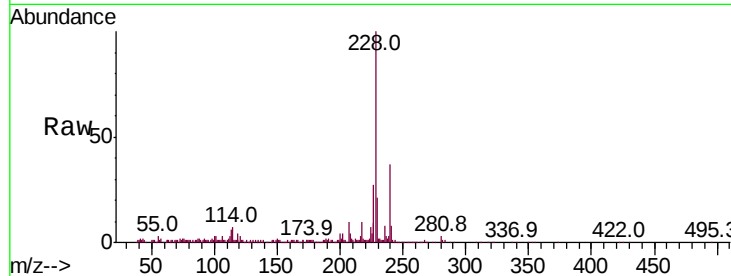
Tot Ion:228 Resp: 183436

Ion Ratio Lower Upper

228 100

229 20.6 16.5 24.7

226 26.7 21.6 32.4

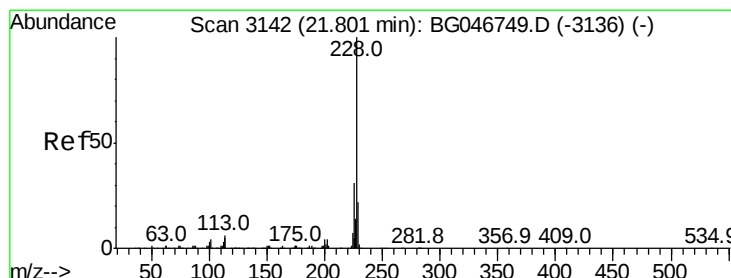
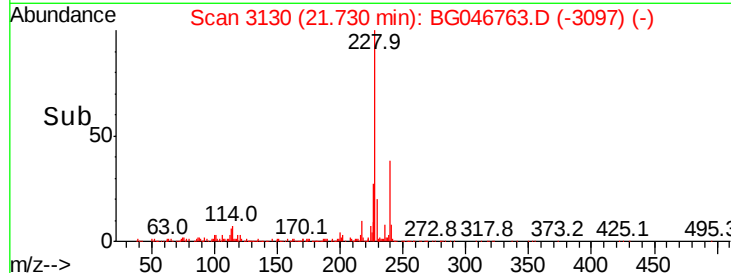
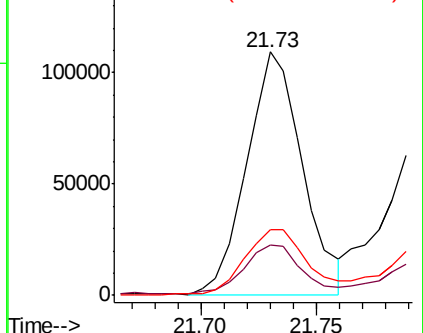


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 5.538 ng/ul

RT: 21.79 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

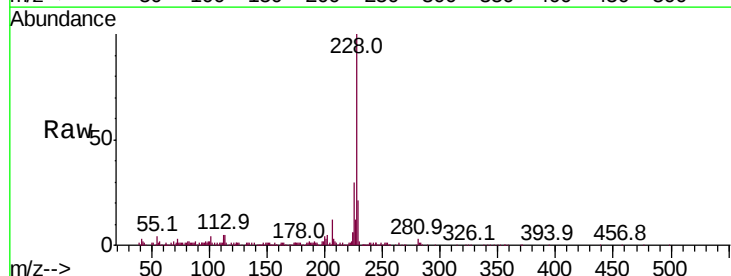
Tgt Ion:228 Resp: 166482

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

229 20.7 15.8 23.8

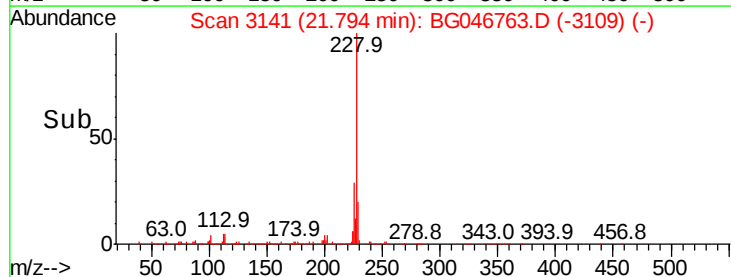
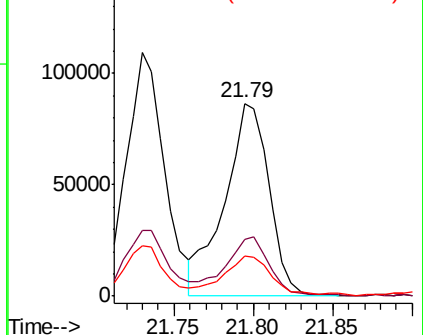


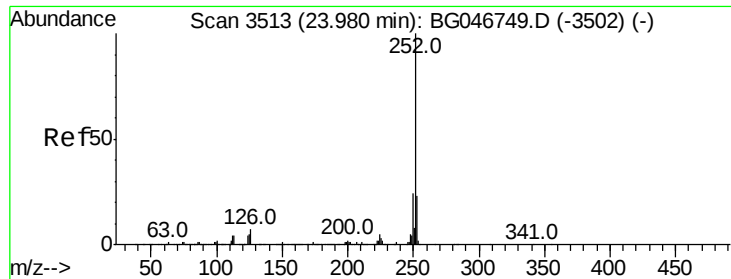
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 7.285 ng/ul

RT: 23.98 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

Instrument :

BNA_G

ClientSampleId :

CB7J5

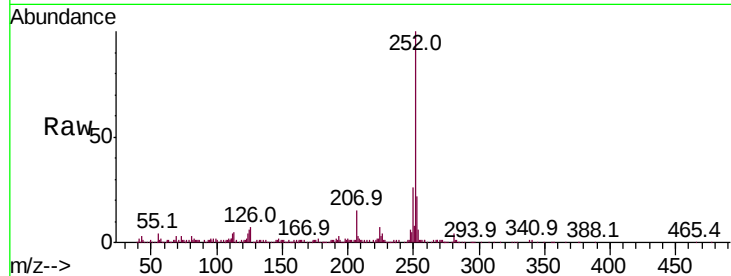
Tot Ion:252 Resp: 231413

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 5.6 5.0 7.4

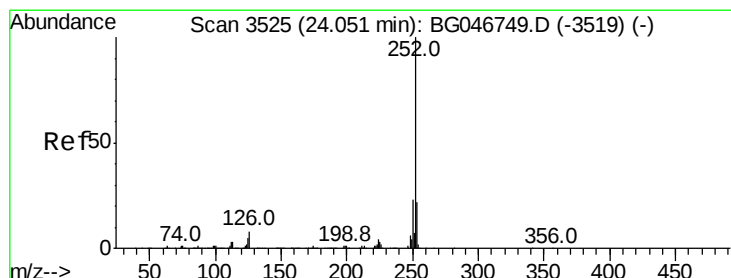
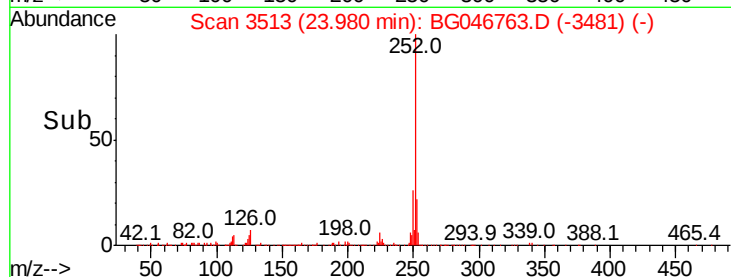
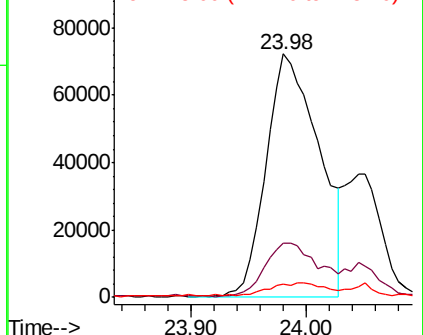


Abundance

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



#89

Benzo(k)fluoranthene

Concen: 7.474 ng/ul

RT: 23.98 min Scan# 3513

Delta R.T. -0.07 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

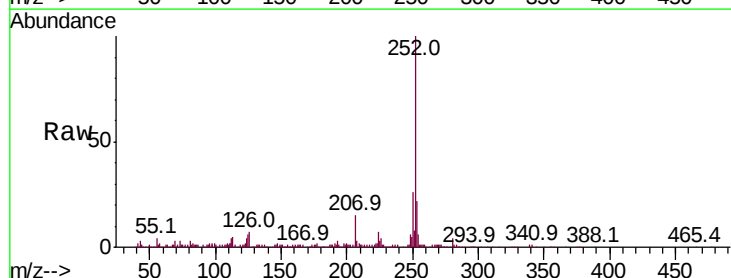
Tgt Ion:252 Resp: 231413

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 5.6 4.8 7.2

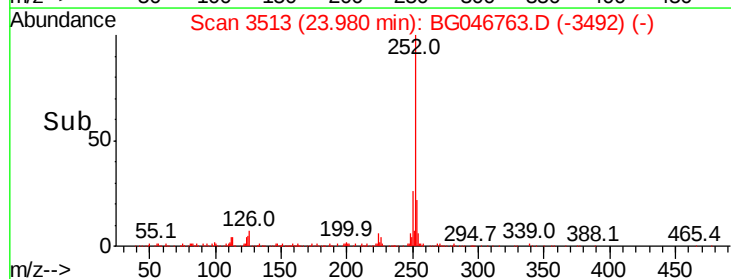
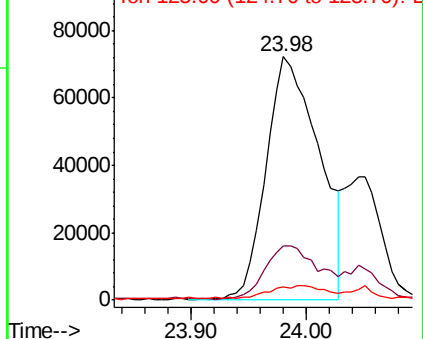


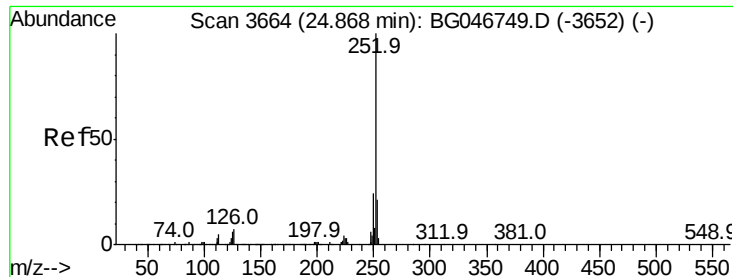
Abundance

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





#91

Benzo(a)pyrene

Concen: 5.194 ng/ul

RT: 24.87 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

Instrument :

BNA_G

ClientSampleId :

CB7J5

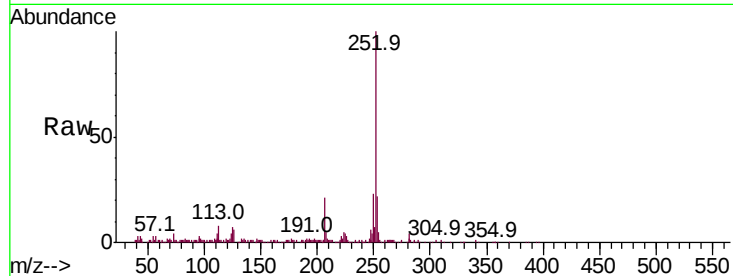
Tot Ion:252 Resp: 150709

Ion Ratio Lower Upper

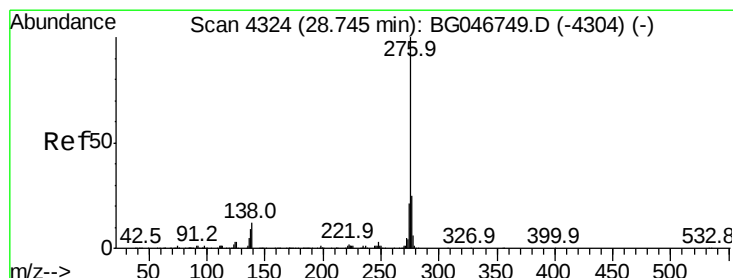
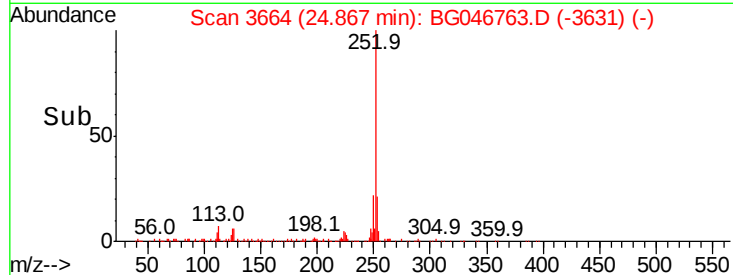
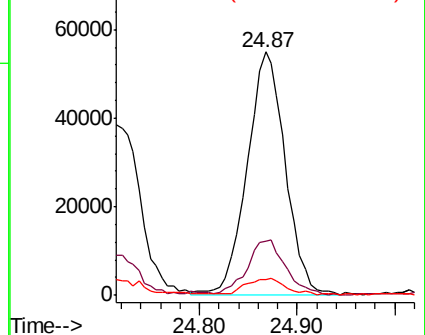
252 100

253 22.0 17.6 26.4

125 6.7 5.4 8.2



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.061 ng/ul

RT: 28.75 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG046763.D

Acq: 3 Oct 2020 9:08

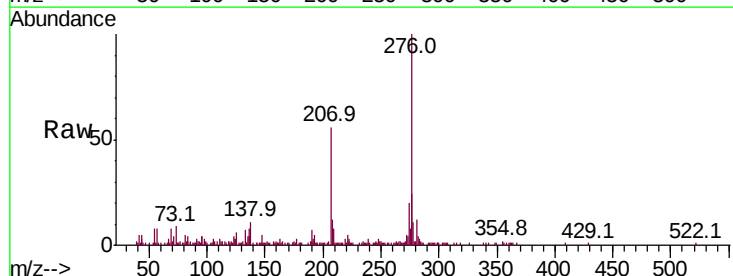
Tgt Ion:276 Resp: 108981

Ion Ratio Lower Upper

276 100

138 10.9 9.7 14.5

277 24.3 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

