

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
 Data File : BG046237.D
 Acq On : 12 Aug 2020 19:04
 Operator : CG/JU
 Sample : L3612-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBFP4

Quant Time: Aug 13 00:33:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 13:12:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	108872	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	440194	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.57	164	282201	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	634106	20.00	ng/ul	0.00
78) Chrysene-d12	21.56	240	644491	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	681155	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	4460	2.02	ng/uL	0.00
5) Phenol-d5	7.11	99	93455	10.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	59610	11.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	79503	11.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	69009	9.57	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	38913	12.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	45348	14.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	81038	11.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	69345	8.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.98	166	282990	12.86	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	320319	12.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	30508	8.49	ng/ul	0.00
58) Fluorene-d10	15.57	176	247416	12.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.67	200	38999	12.29	ng/ul	0.00
71) Anthracene-d10	17.41	188	376184	12.86	ng/ul	0.00
79) Pyrene-d10	19.70	212	446804	13.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.46	264	468038	12.40	ng/ul	0.00

Target Compounds

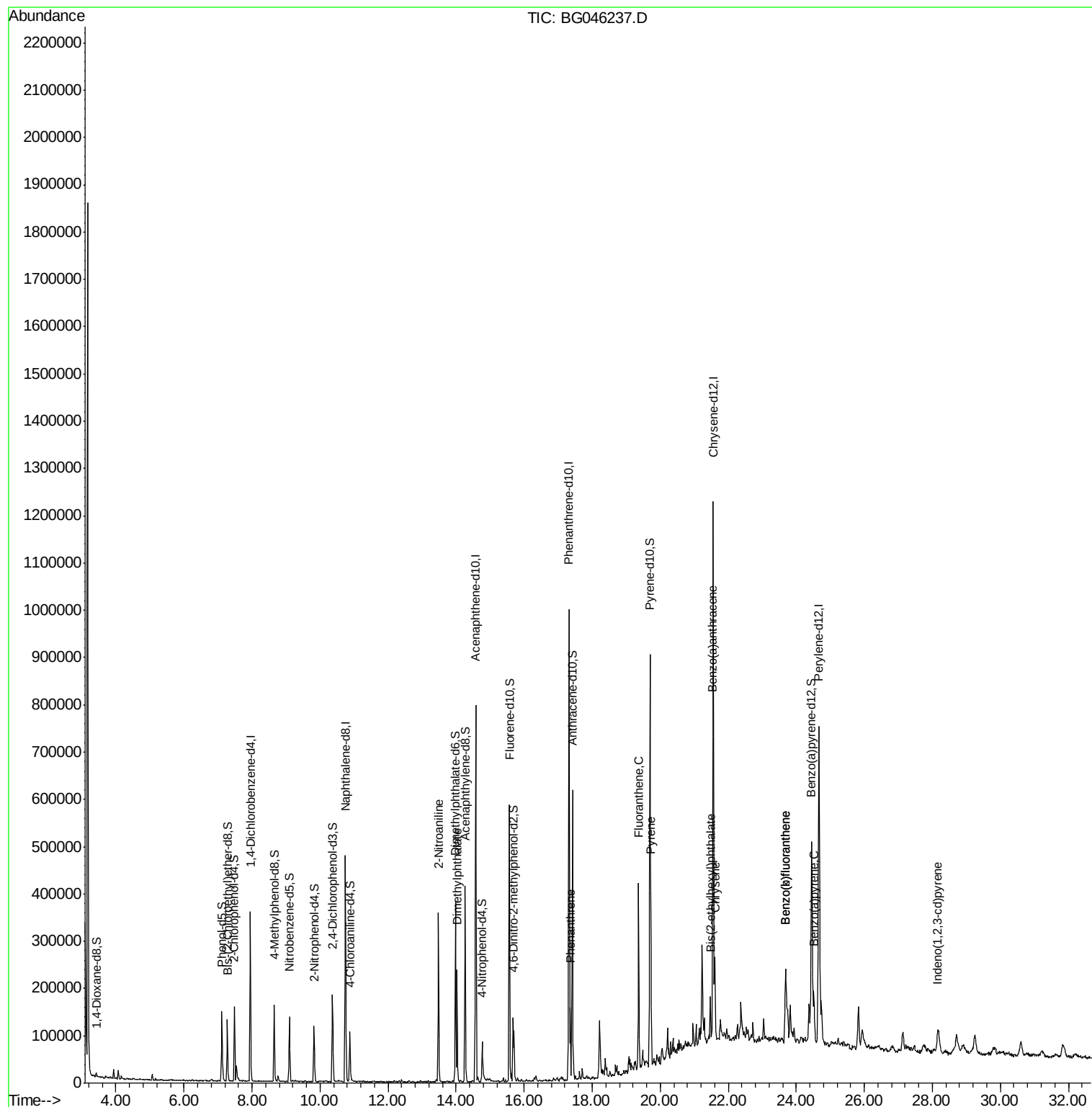
					Ovalue	
43) 2-Nitroaniline	13.48	65	5107	1.244	ng/ul#	14
45) Dimethylphthalate	14.03	163	164540	7.454	ng/ul	98
70) Phenanthrene	17.36	178	94566	2.672	ng/ul	98
77) Fluoranthene	19.36	202	254472	6.555	ng/ul	98
80) Pyrene	19.73	202	205422	4.714	ng/ul	98
83) Benzo(a)anthracene	21.54	228	133377	3.142	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	37704	1.733	ng/ul	97
85) Chrysene	21.61	228	125810	3.049	ng/ul	98
88) Benzo(b)fluoranthene	23.69	252	192080	4.174	ng/ul	98
89) Benzo(k)fluoranthene	23.69	252	192080	4.251	ng/ul	96
91) Benzo(a)pyrene	24.52	252	114036	2.702	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.16	276	84464	1.603	ng/ul#	90

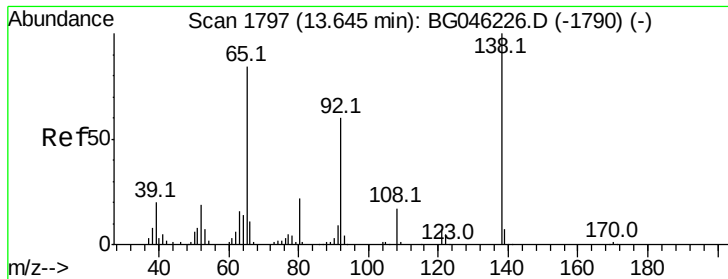
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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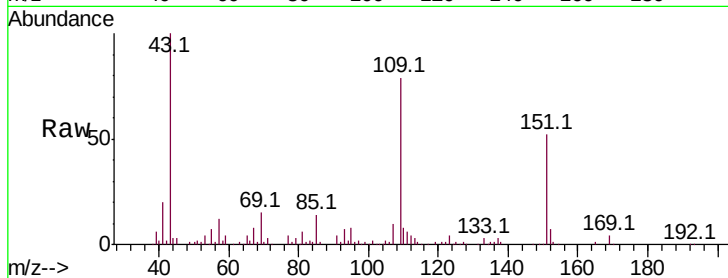




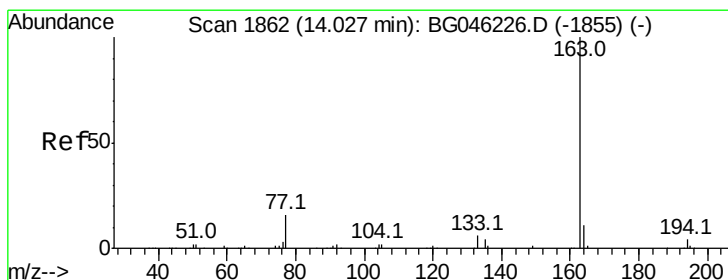
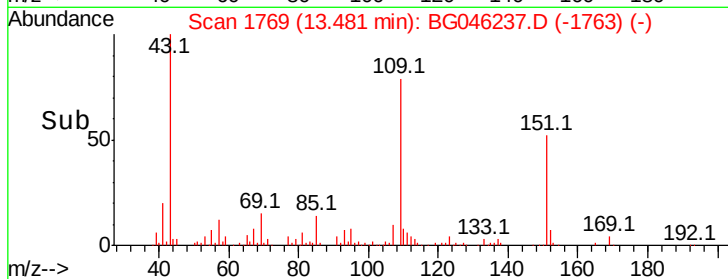
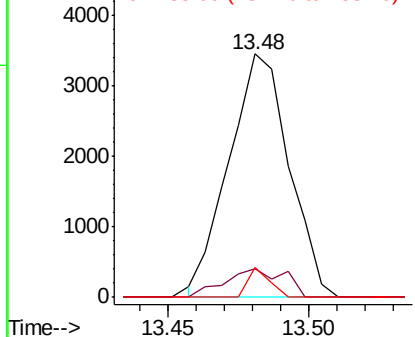
#43
2-Nitroaniline
Concen: 1.244 ng/ul
RT: 13.48 min Scan# 1769
Delta R.T. -0.16 min
Lab File: BG046237.D
Acq: 12 Aug 2020 19:04

Instrument :
BNA_G
ClientSampleId :
DBFP4

Tot Ion: 65 Resp: 5107
Ion Ratio Lower Upper
65 100
92 11.9 58.0 87.0#
138 12.5 92.9 139.3#

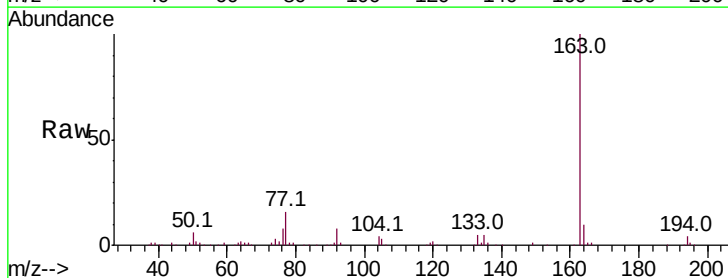


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

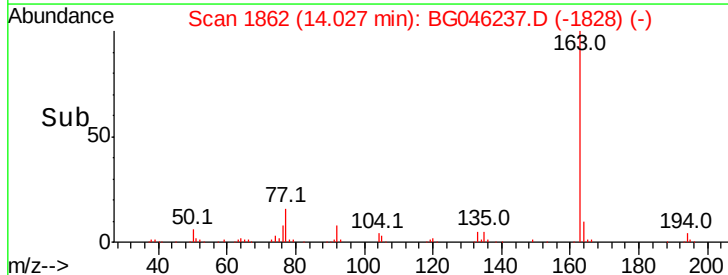
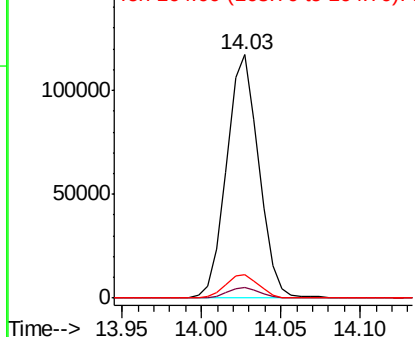


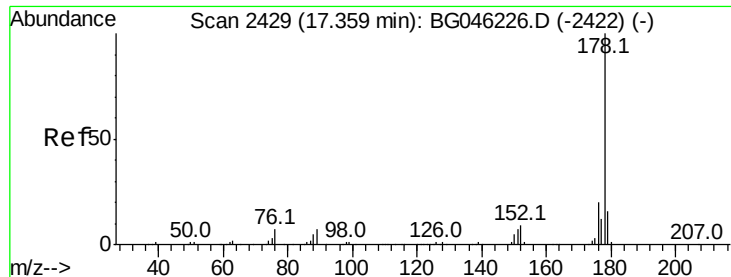
#45
Dimethylphthalate
Concen: 7.454 ng/ul
RT: 14.03 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BG046237.D
Acq: 12 Aug 2020 19:04

Tgt Ion:163 Resp: 164540
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.8 8.7 13.1



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: 2.672 ng/ul

RT: 17.36 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Instrument :

BNA_G

ClientSampleId :

DBFP4

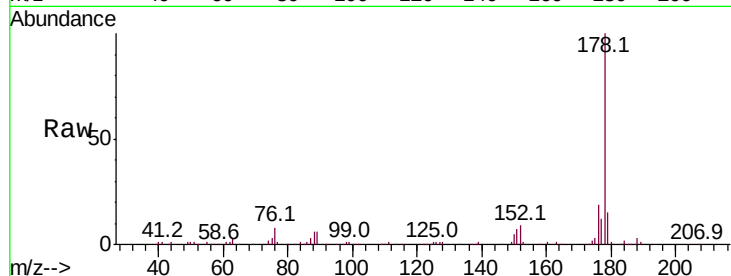
Tot Ion:178 Resp: 94566

Ion Ratio Lower Upper

178 100

179 15.2 13.0 19.6

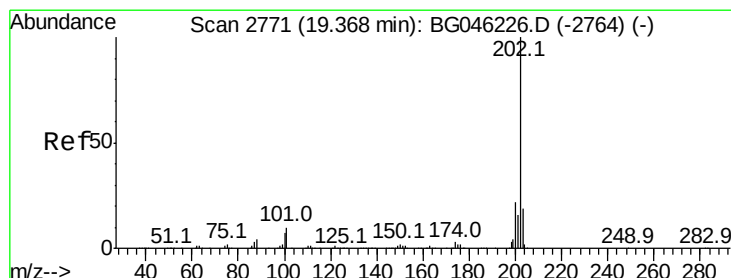
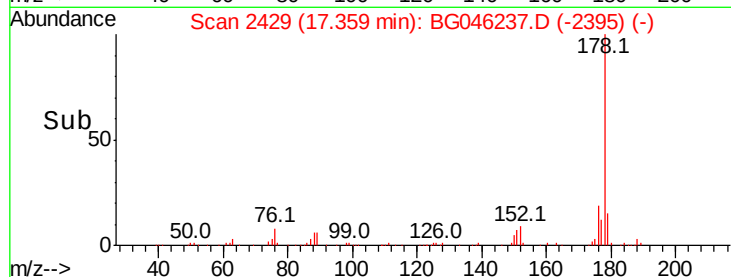
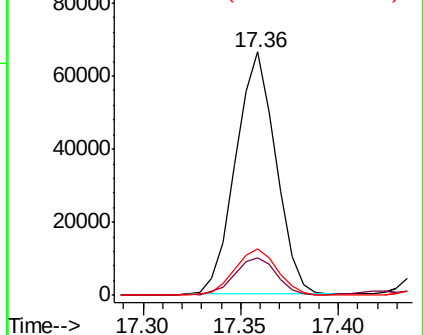
176 19.3 16.0 24.0



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: 6.555 ng/ul

RT: 19.36 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

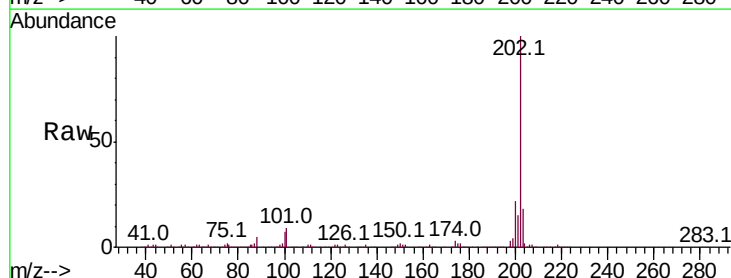
Tgt Ion:202 Resp: 254472

Ion Ratio Lower Upper

202 100

101 9.2 7.8 11.6

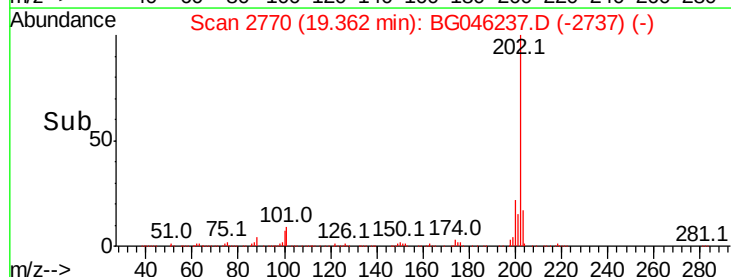
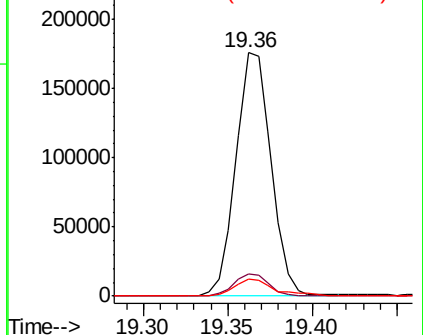
100 6.9 6.5 9.7

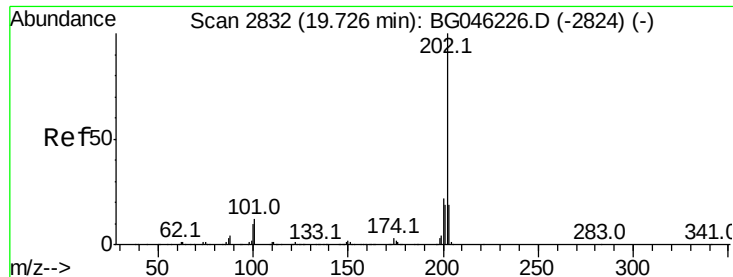


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

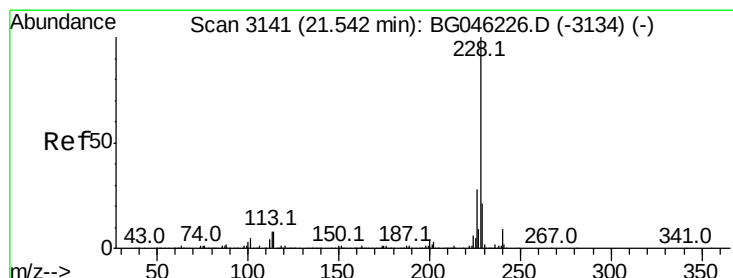
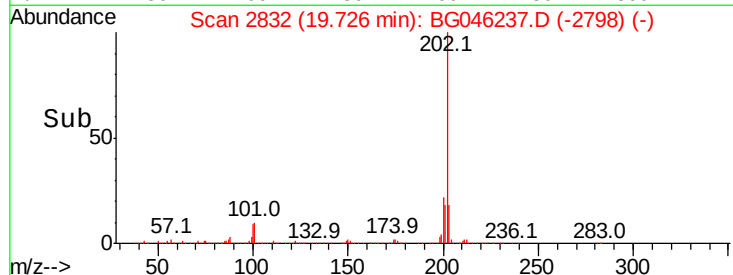
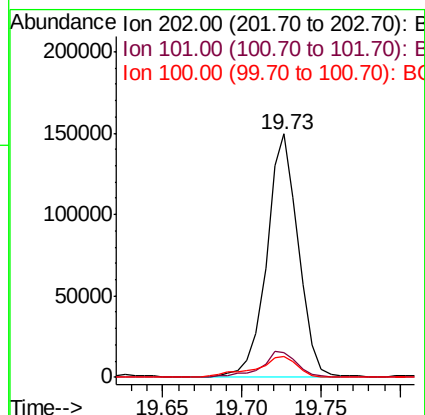
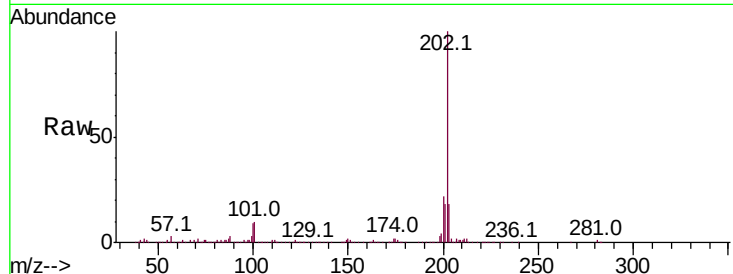




#80
Pvrene
Concen: 4.714 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046237.D
Acq: 12 Aug 2020 19:04

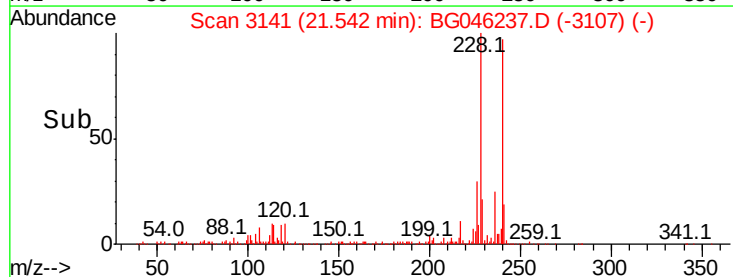
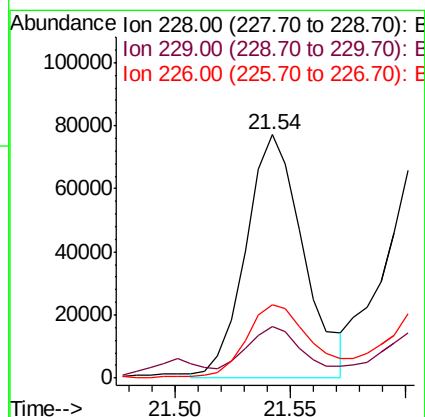
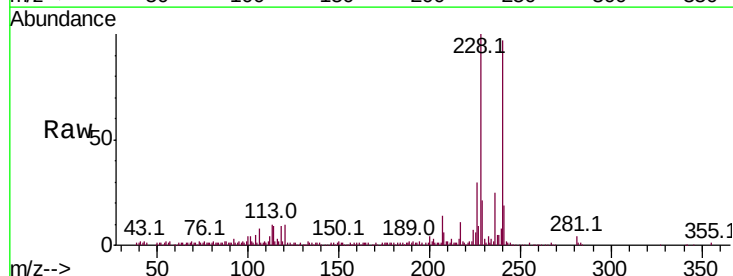
Instrument :
BNA_G
ClientSampleId :
DBFP4

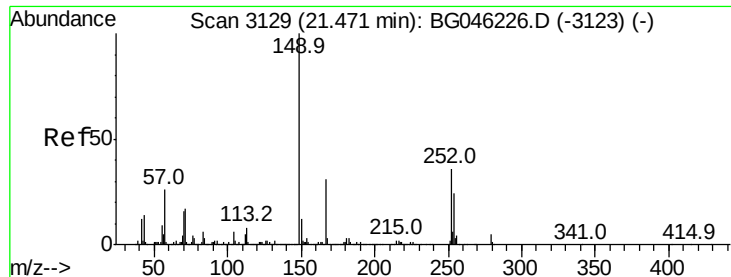
Tot Ion:	202	Resp:	205422
Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.0	13.4
100	8.6	7.6	11.4



#83
Benzo(a)anthracene
Concen: 3.142 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046237.D
Acq: 12 Aug 2020 19:04

Tgt Ion:	228	Resp:	133377
Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.4
226	30.0	22.6	33.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.733 ng/ul

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Instrument :

BNA_G

ClientSampleId :

DBFP4

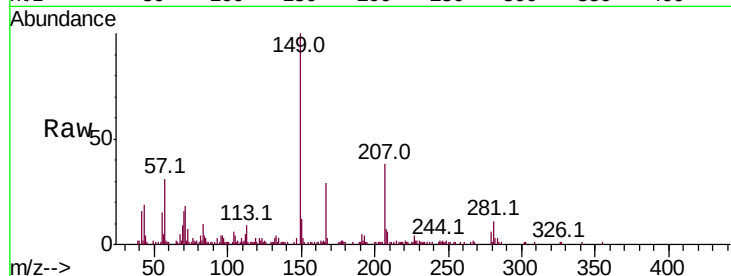
Tot Ion:149 Resp: 37704

Ion Ratio Lower Upper

149 100

167 29.2 24.6 37.0

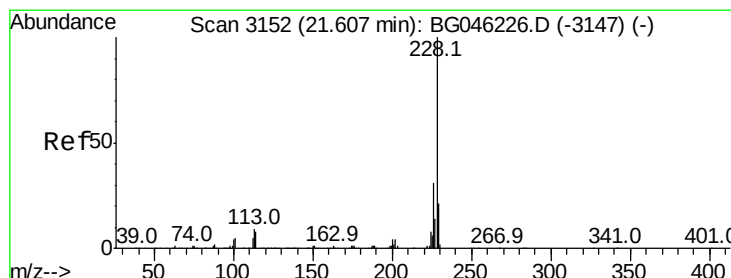
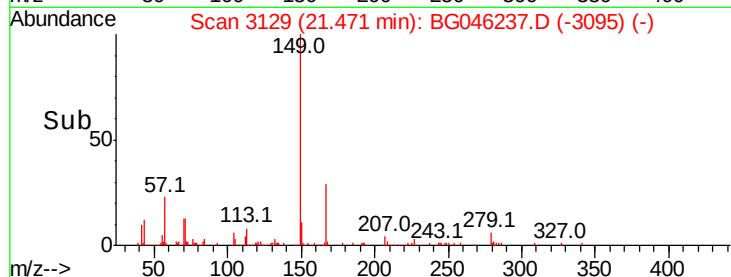
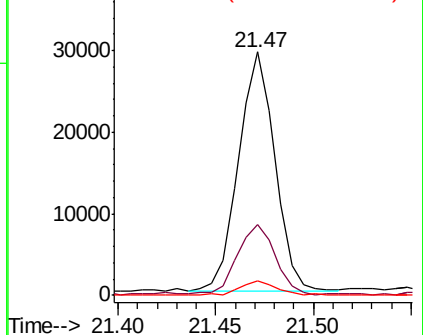
279 5.9 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 3.049 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

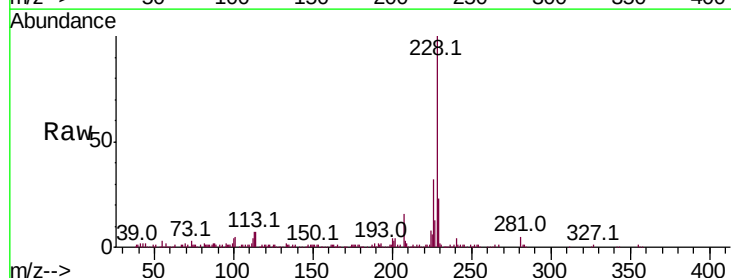
Tgt Ion:228 Resp: 125810

Ion Ratio Lower Upper

228 100

226 32.2 25.3 37.9

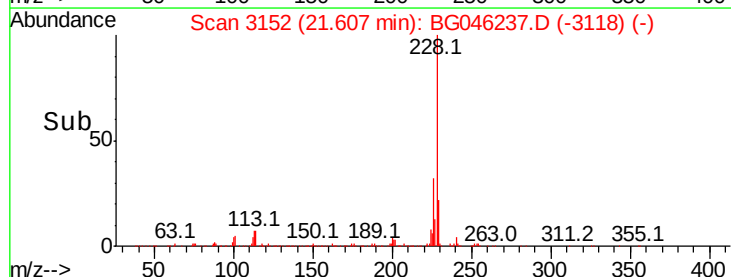
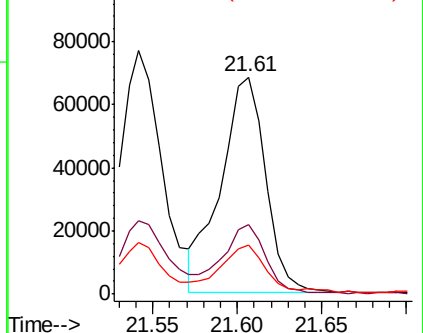
229 22.8 16.9 25.3

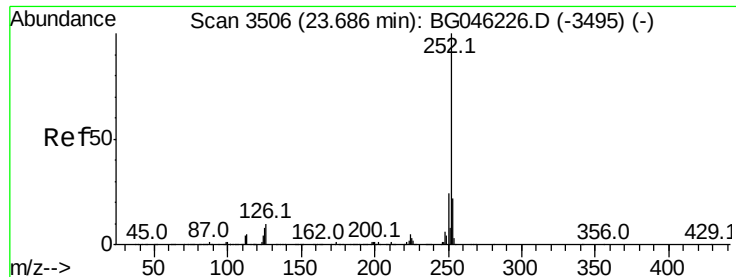


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.174 ng/ul

RT: 23.69 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Instrument :

BNA_G

ClientSampleId :

DBFP4

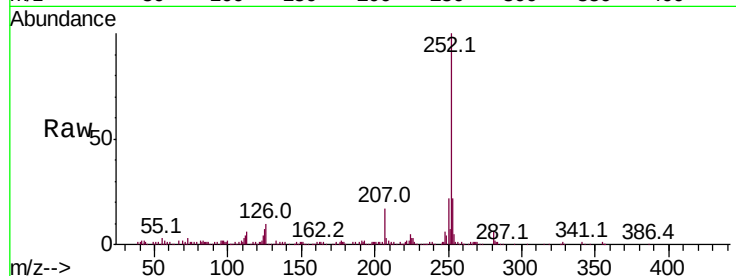
Tot Ion:252 Resp: 192080

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

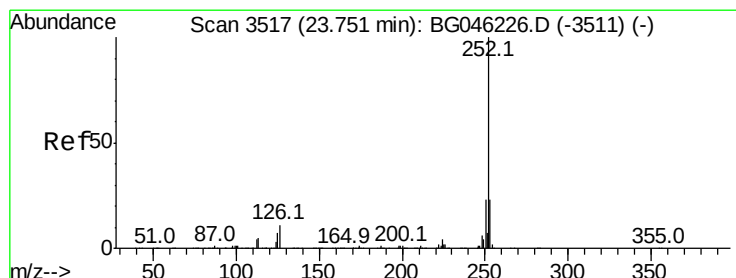
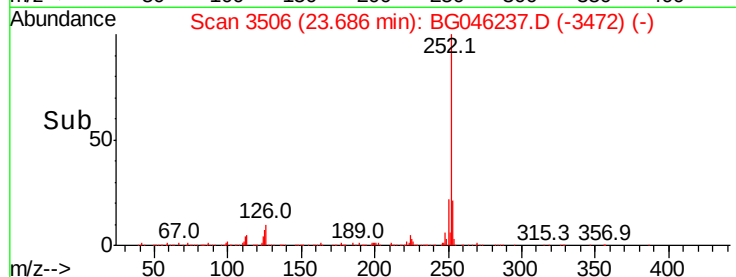
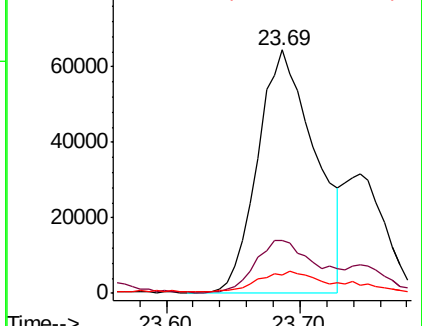
125 7.3 6.3 9.5



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: 4.251 ng/ul

RT: 23.69 min Scan# 3506

Delta R.T. -0.06 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

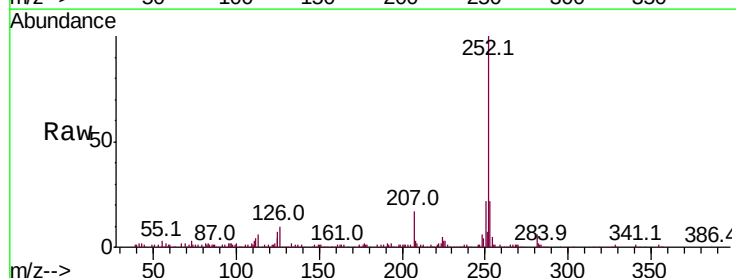
Tgt Ion:252 Resp: 192080

Ion Ratio Lower Upper

252 100

253 21.7 18.8 28.2

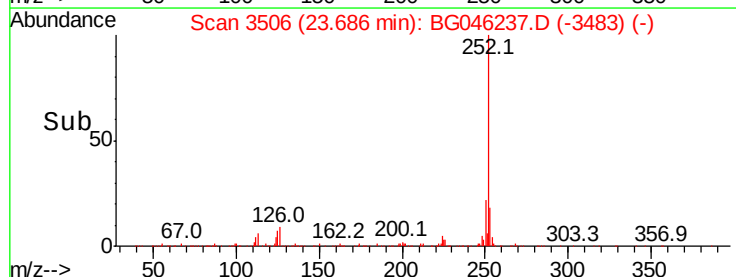
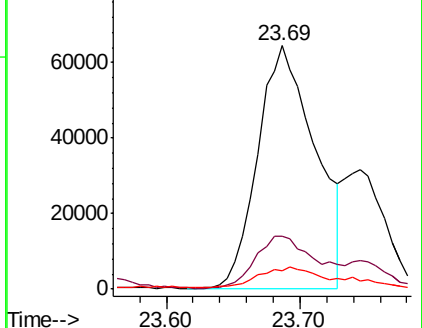
125 7.3 6.7 10.1

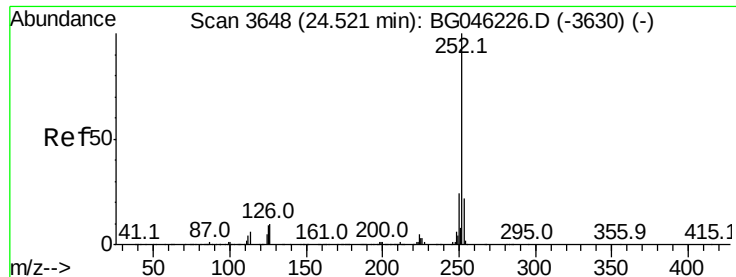


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.702 ng/ul

RT: 24.52 min Scan# 3648

Delta R.T. 0.00 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Instrument :

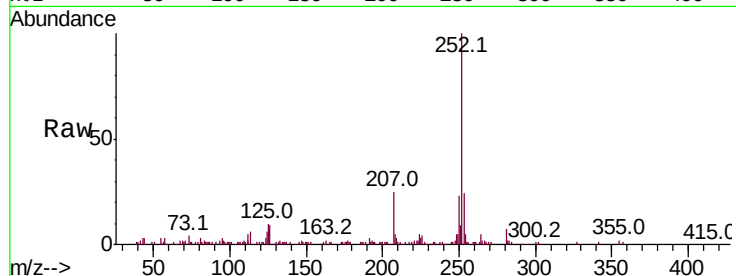
BNA_G

ClientSampled :

DBFP4

Tot Ion:252 Resp: 114036

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	10.2	7.4	11.2

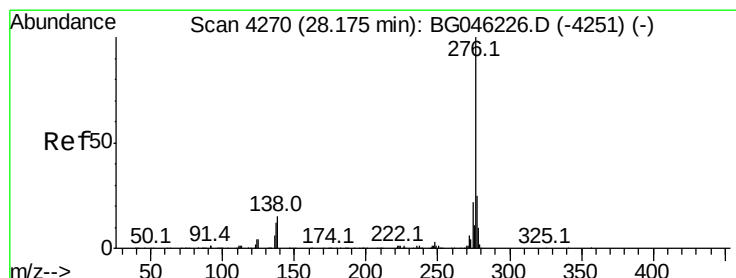
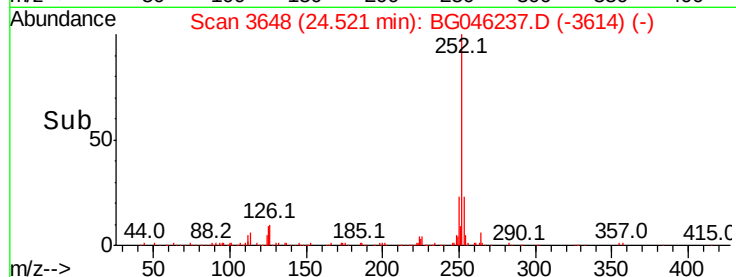
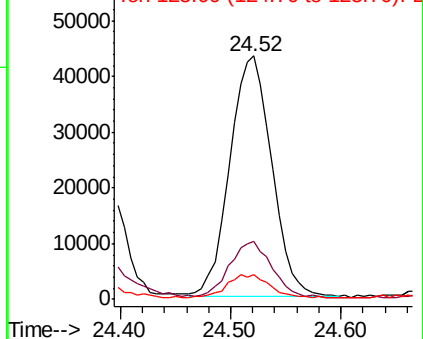


Abundance

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: 1.603 ng/ul

RT: 28.16 min Scan# 4268

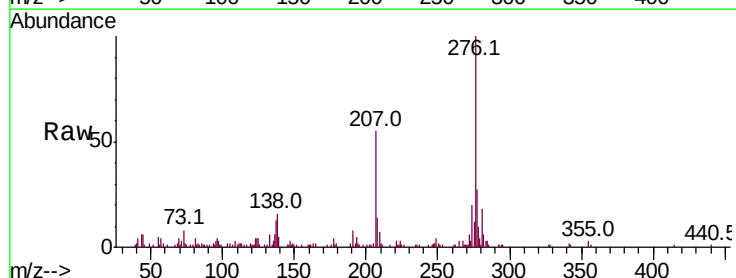
Delta R.T. -0.01 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Tgt Ion:276 Resp: 84464

Ion	Ratio	Lower	Upper
276	100		
138	20.8	12.6	18.8#
277	27.1	18.5	27.7



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

