

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046440.D
 Acq On : 22 Aug 2020 9:31
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP33

Quant Time: Aug 24 00:53:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 22 05:35:43 2020
 Response via : Initial Calibration

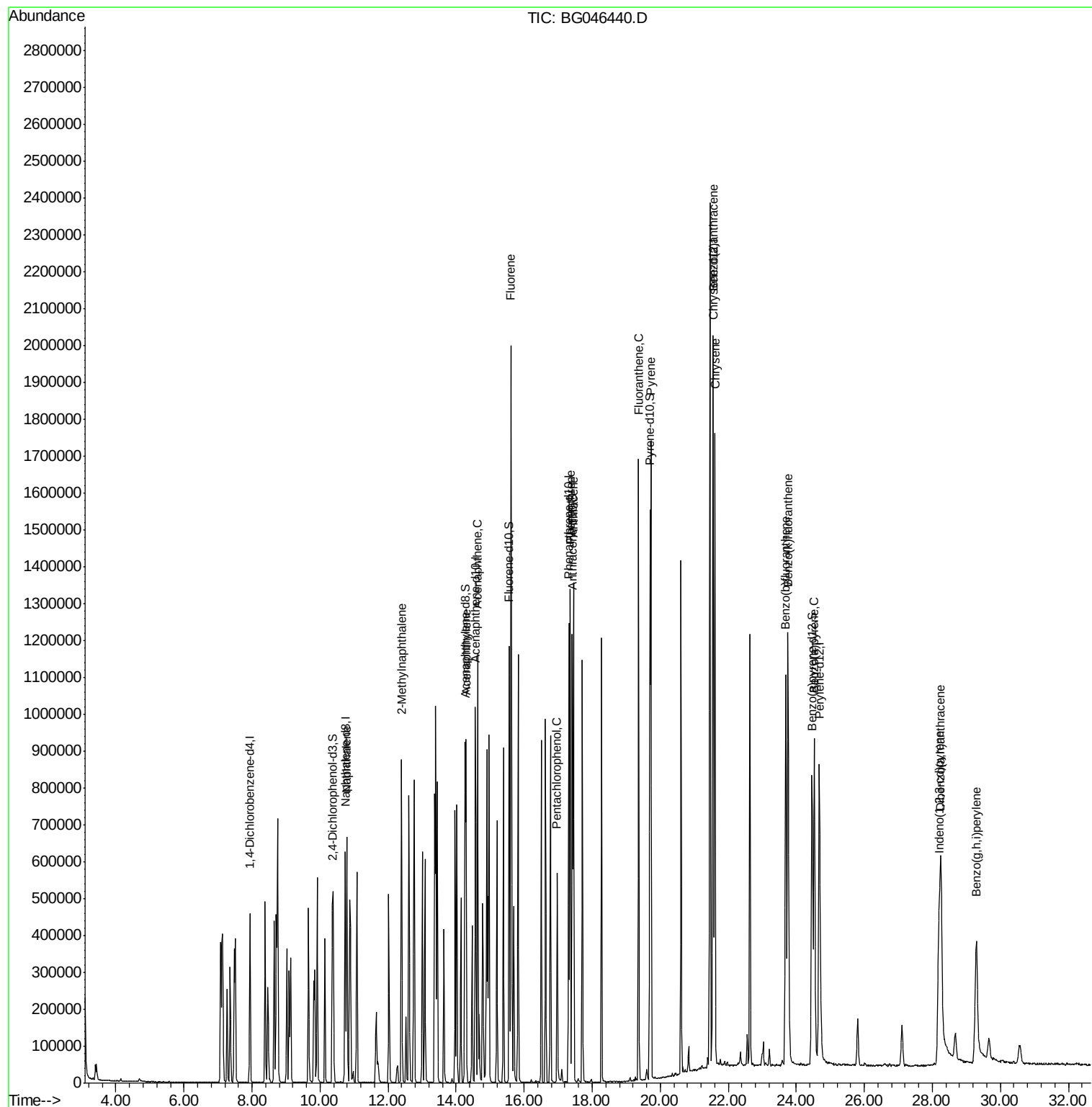
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	140819	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	562293	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	370369	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	830346	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	847509	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	866207	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	202017	20.87	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	675260	19.81	ng/ul	0.00
10) Fluorene-d10	15.56	176	511461	19.58	ng/ul	0.00
15) Anthracene-d10	17.41	188	749734	19.48	ng/ul	0.00
19) Pyrene-d10	19.70	212	861325	19.74	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	949792	20.09	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.79	128	571712	19.547	ng/ul	99
5) 2-Methylnaphthalene	12.39	142	449000	20.138	ng/ul	100
8) Acenaphthylene	14.29	152	682365	19.691	ng/ul	99
9) Acenaphthene	14.63	153	485246	19.609	ng/ul	96
11) Fluorene	15.62	166	560782	19.381	ng/ul	99
13) Pentachlorophenol	16.97	266	132213	19.252	ng/ul	97
14) Phenanthrene	17.36	178	885007	19.374	ng/ul	99
16) Anthracene	17.45	178	894429	19.406	ng/ul	98
17) Fluoranthene	19.37	202	1090030	21.400	ng/ul	99
20) Pyrene	19.73	202	1063855	19.123	ng/ul	99
21) Benzo(a)anthracene	21.55	228	1091382	19.792	ng/ul	98
22) Chrysene	21.61	228	1050708	19.711	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	1124550	19.632	ng/ul	98
25) Benzo(k)fluoranthene	23.76	252	1173931	20.660	ng/ul	99
27) Benzo(a)pyrene	24.53	252	999073	18.998	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.20	276	1039875	15.792	ng/ul	99
29) Dibenzo(a,h)anthracene	28.25	278	921923	17.268	ng/ul	99
30) Benzo(g,h,i)perylene	29.30	276	781234	14.177	ng/ul	98

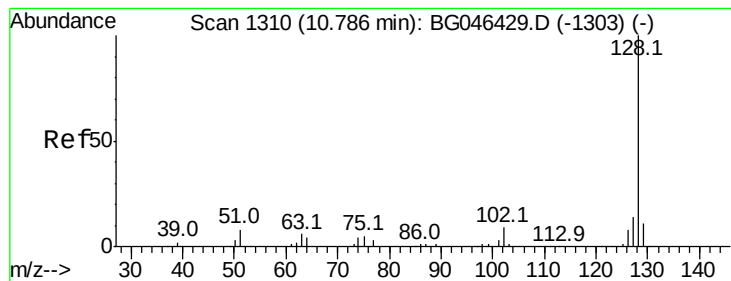
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046440.D
Acq On : 22 Aug 2020 9:31
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP33

Quant Time: Aug 24 00:53:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 22 05:35:43 2020
Response via : Initial Calibration





#4

Naphthalene

Concen: 19.547 ng/ul

RT: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

Instrument :

BNA_G

ClientSampleId :

DFTPP33

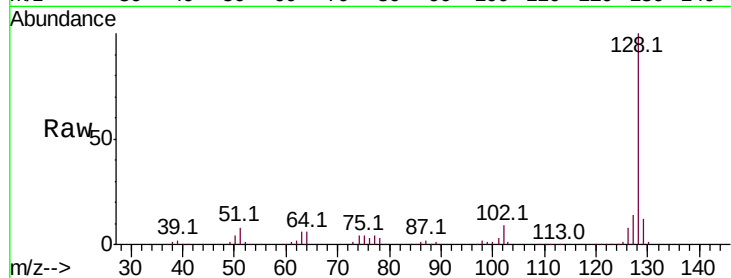
Tot Ion:128 Resp: 571712

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

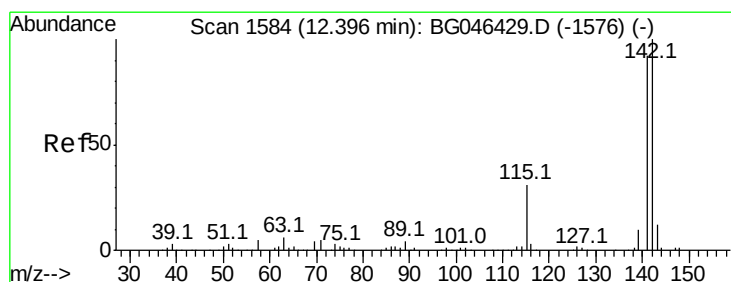
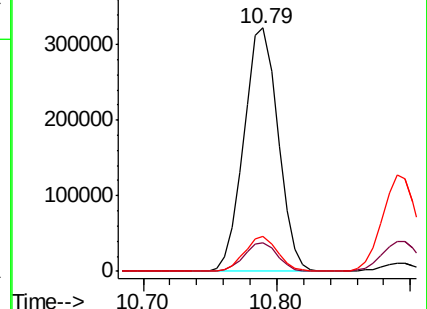
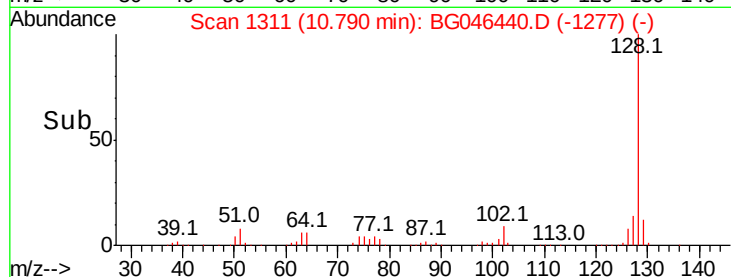
127 14.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 20.138 ng/ul

RT: 12.39 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BG046440.D

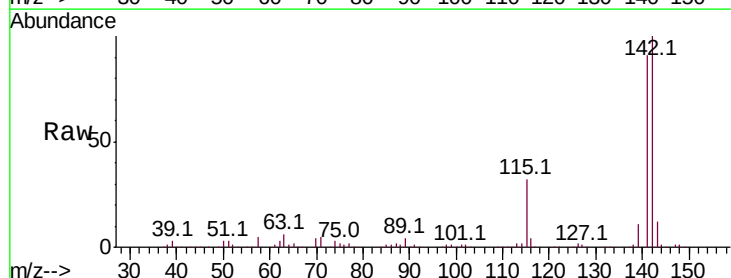
Acq: 22 Aug 2020 9:31

Tgt Ion:142 Resp: 449000

Ion Ratio Lower Upper

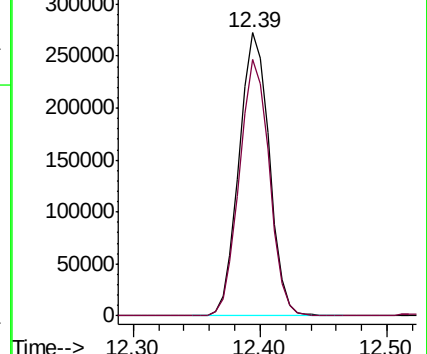
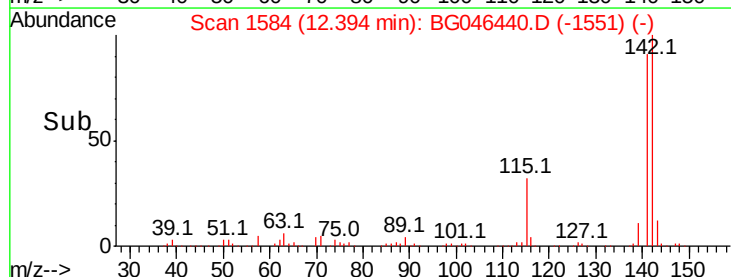
142 100

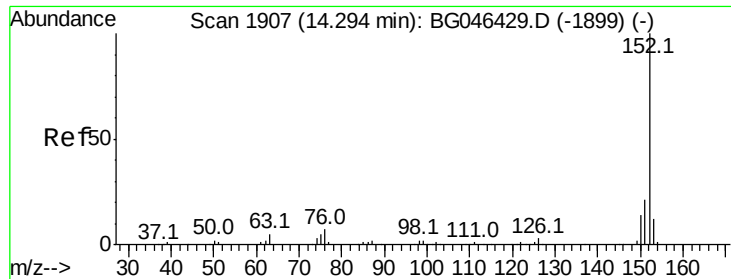
141 90.7 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthylene

Concen: 19.691 ng/ul

RT: 14.29 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

Instrument :

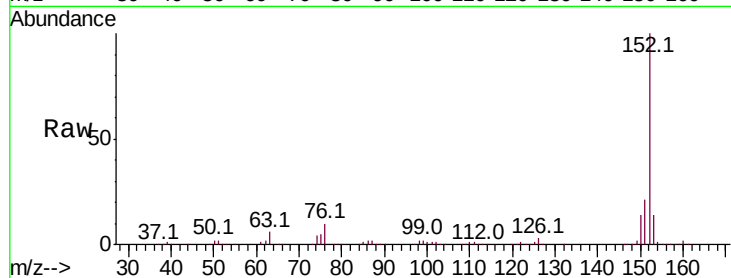
BNA_G

ClientSampleId :

DFTPP33

Tot Ion:152 Resp: 682365

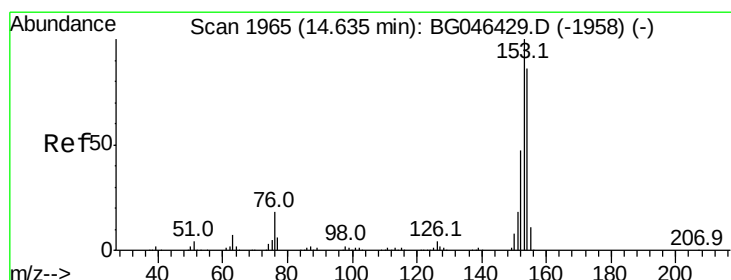
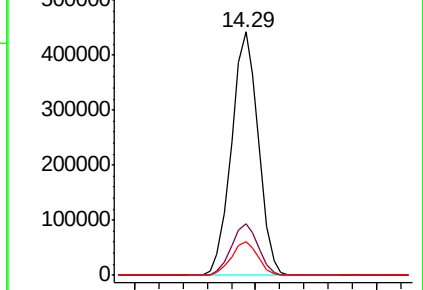
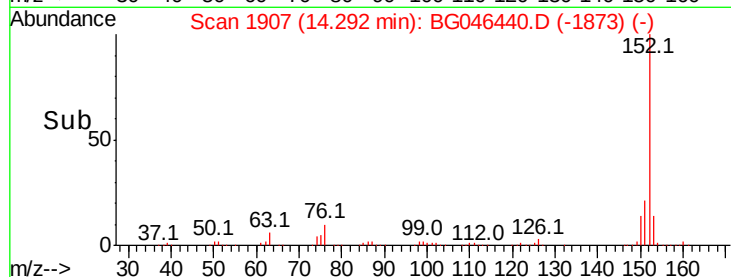
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.5	24.7
153	13.9	11.0	16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#9

Acenaphthene

Concen: 19.609 ng/ul

RT: 14.63 min Scan# 1965

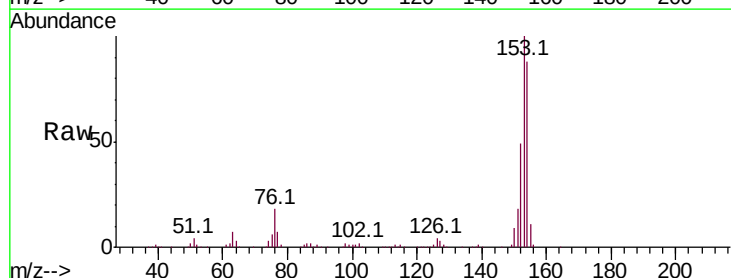
Delta R.T. -0.01 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

Tgt Ion:153 Resp: 485246

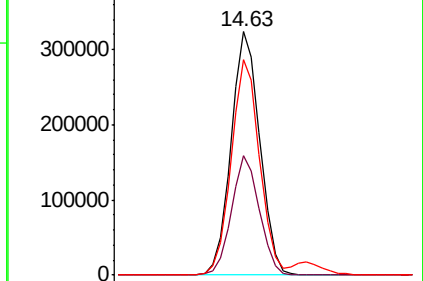
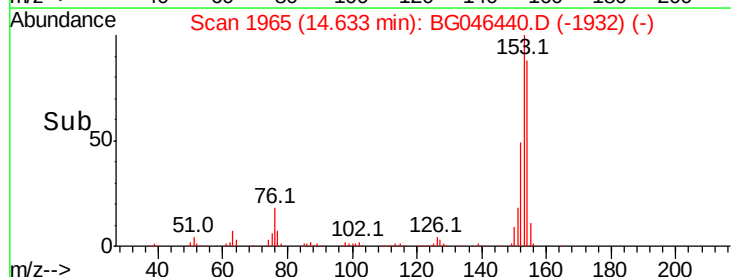
Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.2	55.8
154	88.3	67.8	101.6

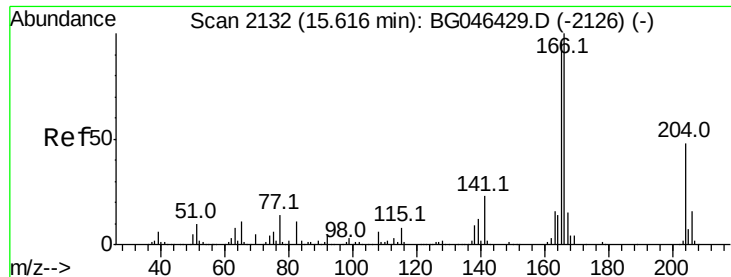


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 19.381 ng/ul

RT: 15.62 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

Instrument :

BNA_G

ClientSampleId :

DFTPP33

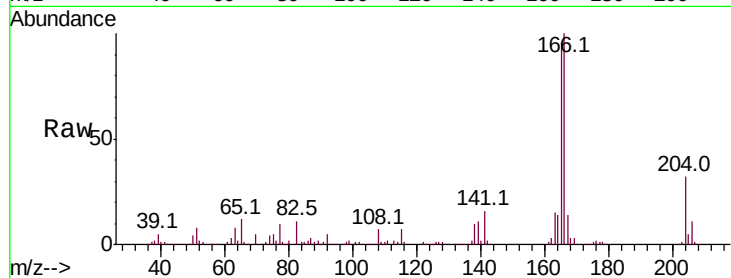
Tot Ion:166 Resp: 560782

Ion Ratio Lower Upper

166 100

165 95.6 75.9 113.9

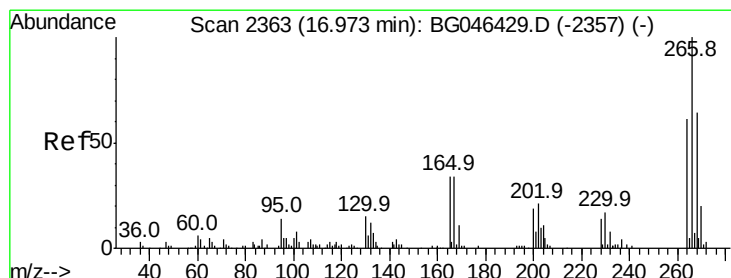
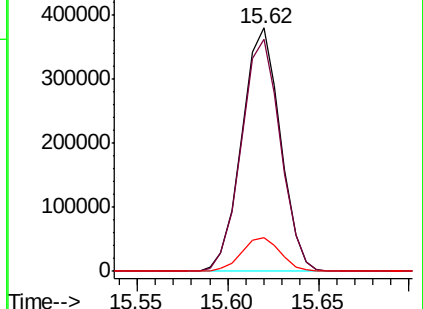
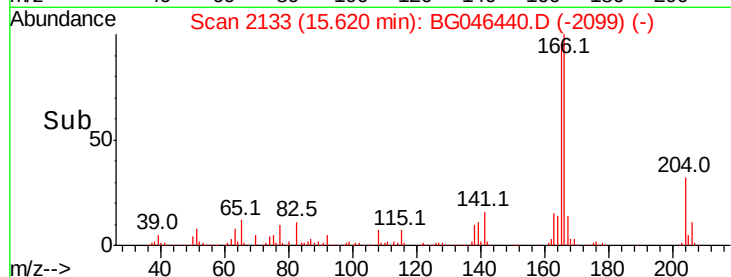
167 13.8 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Pentachlorophenol

Concen: 19.252 ng/ul

RT: 16.97 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

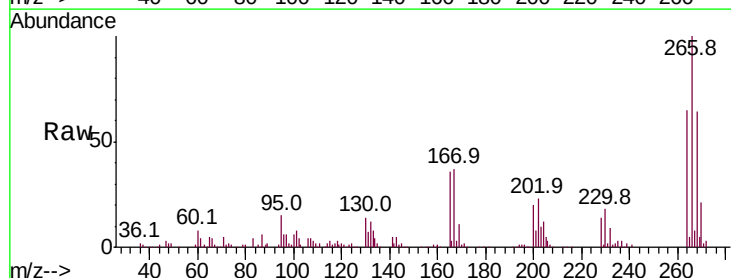
Tgt Ion:266 Resp: 132213

Ion Ratio Lower Upper

266 100

264 65.0 50.2 75.2

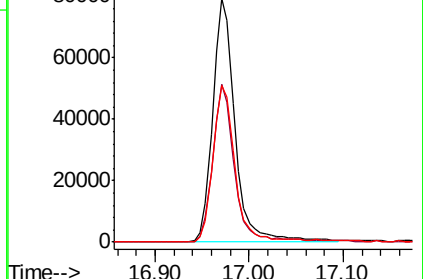
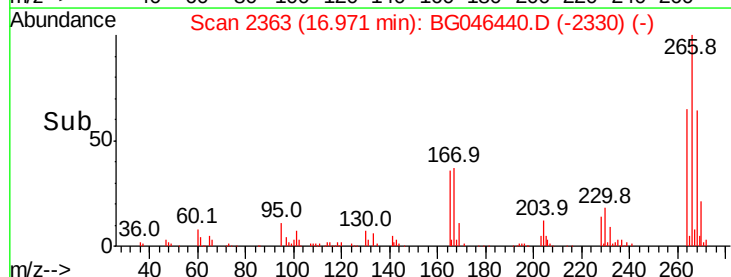
268 64.4 49.7 74.5

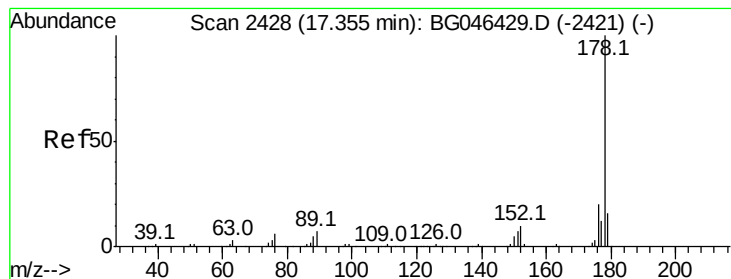


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 19.374 ng/ul

RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

Instrument :

BNA_G

ClientSampleId :

DFTPP33

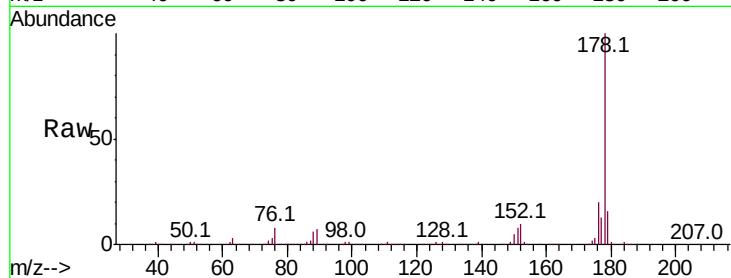
Tot Ion:178 Resp: 885007

Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

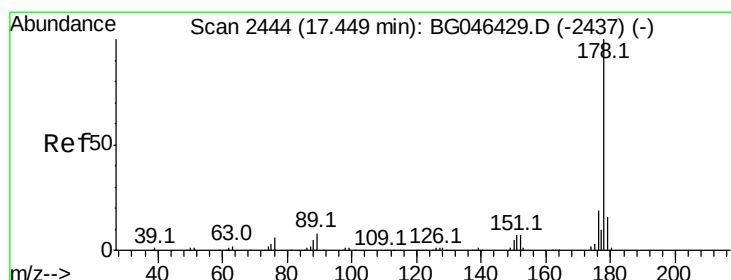
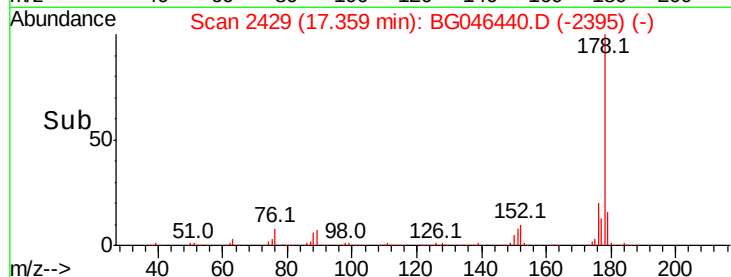
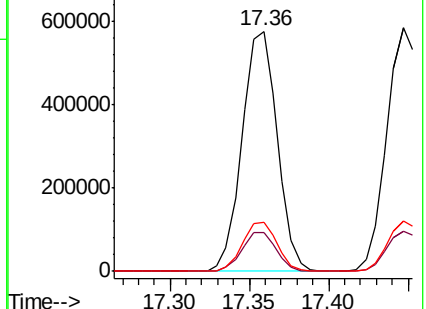
176 20.5 15.8 23.8



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



#16

Anthracene

Concen: 19.406 ng/ul

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

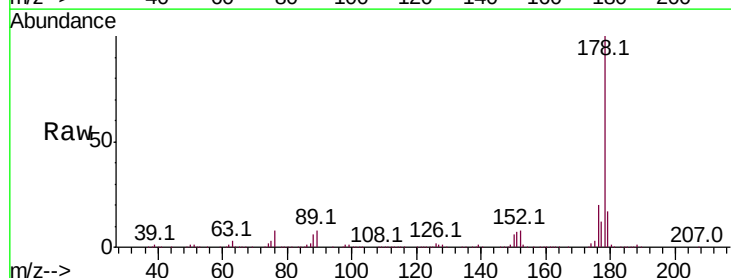
Tgt Ion:178 Resp: 894429

Ion Ratio Lower Upper

178 100

179 16.7 13.2 19.8

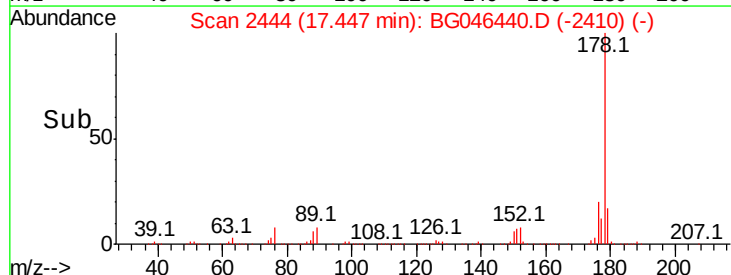
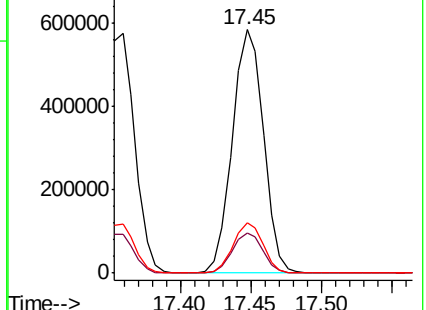
176 20.4 15.2 22.8

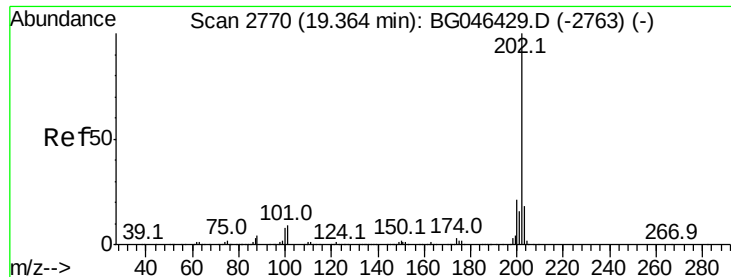


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

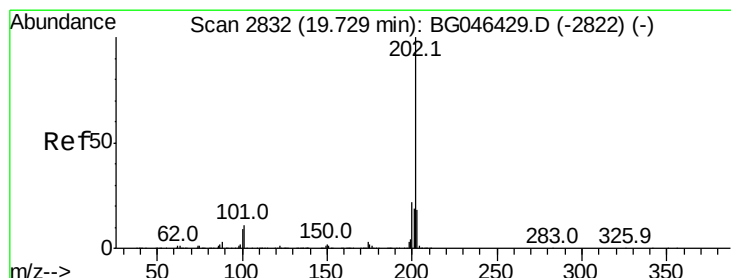
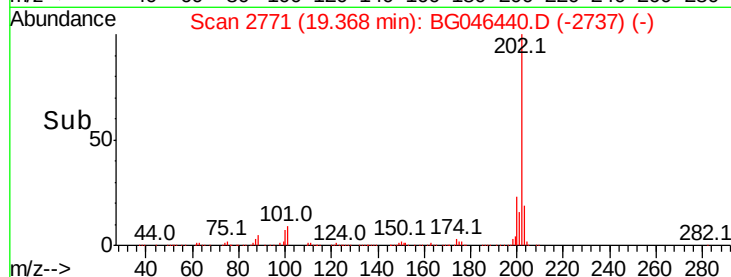
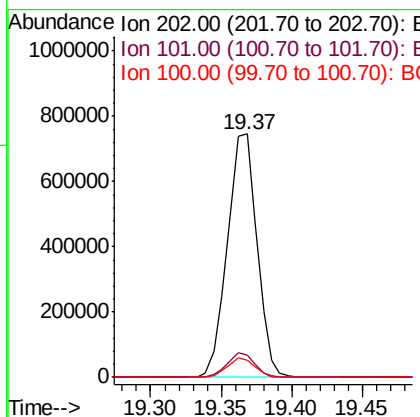
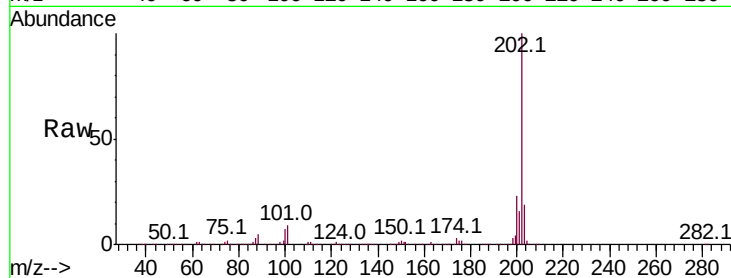




#17
 Fluoranthene
 Concen: 21.400 ng/ul
 RT: 19.37 min Scan# 2771
 Delta R.T. -0.00 min
 Lab File: BG046440.D
 Acq: 22 Aug 2020 9:31

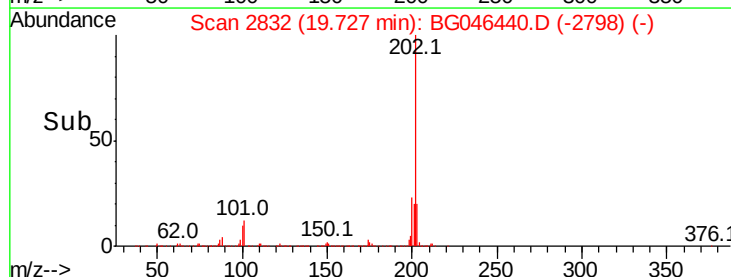
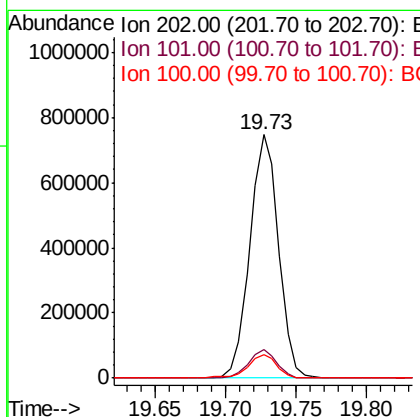
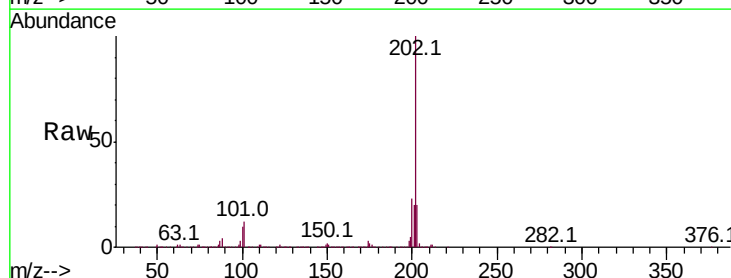
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP33

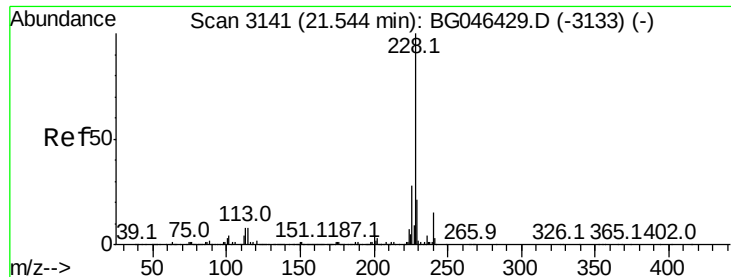
Tot Ion:202 Resp: 1090030
 Ion Ratio Lower Upper
 202 100
 101 9.2 7.8 11.6
 100 6.9 5.9 8.9



#20
 Pyrene
 Concen: 19.123 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BG046440.D
 Acq: 22 Aug 2020 9:31

Tgt Ion:202 Resp: 1063855
 Ion Ratio Lower Upper
 202 100
 101 11.8 8.9 13.3
 100 9.6 7.9 11.9

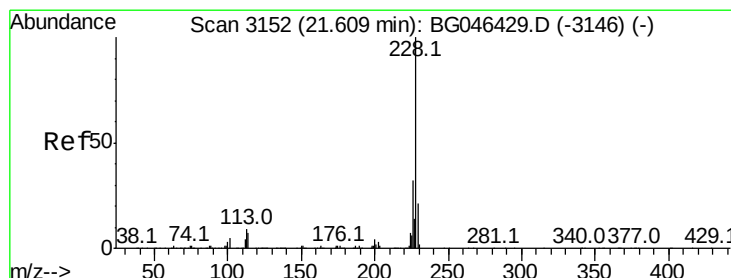
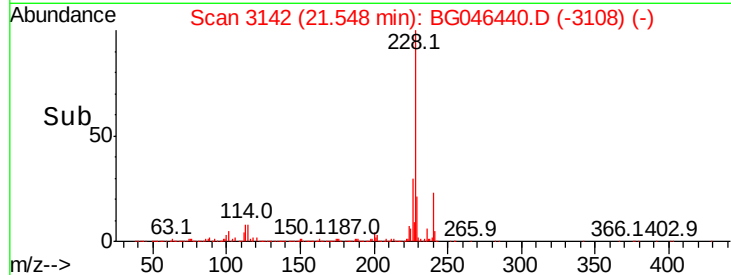
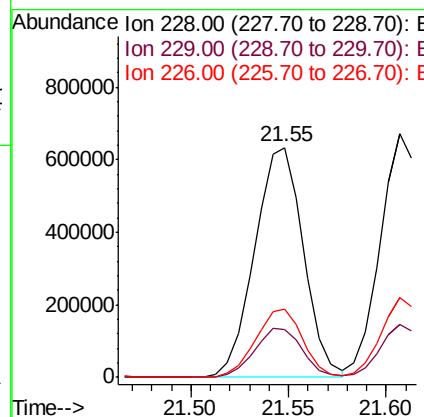
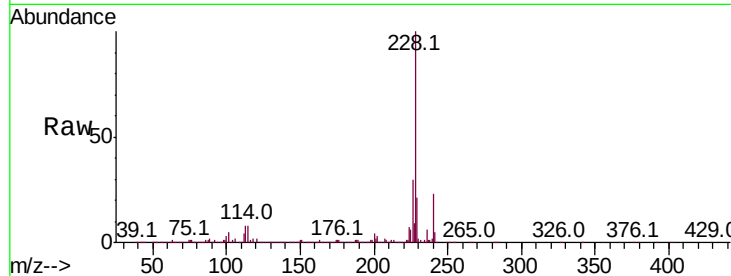




#21
Benzo(a)anthracene
Concen: 19.792 ng/ul
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046440.D
Acq: 22 Aug 2020 9:31

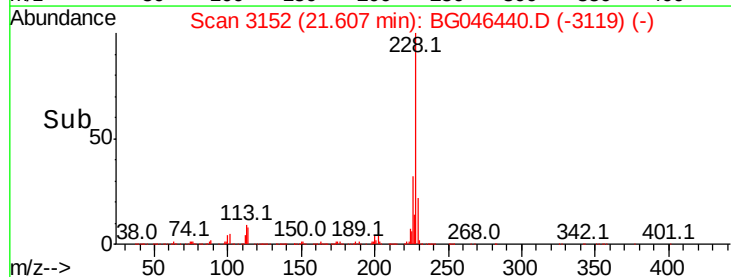
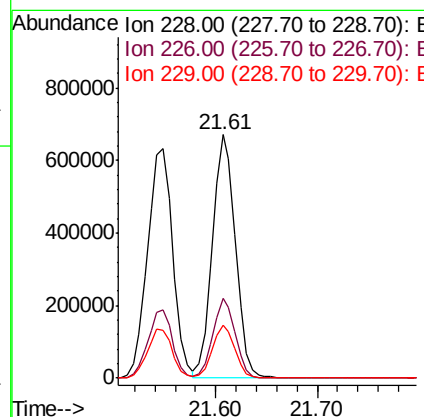
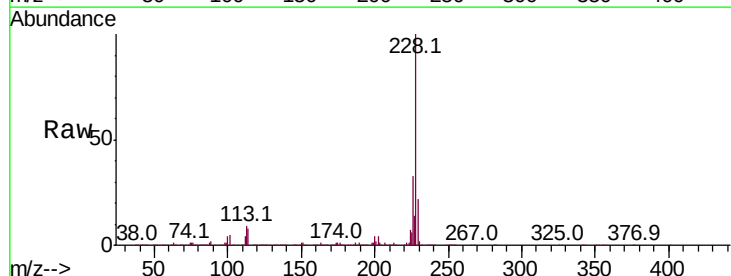
Instrument :
BNA_G
ClientSampleId :
DFTPP33

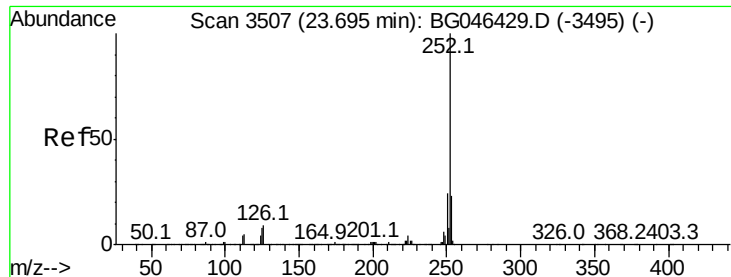
Tot Ion:228 Resp: 1091382
Ion Ratio Lower Upper
228 100
229 21.0 16.6 25.0
226 30.0 22.6 33.8



#22
Chrysene
Concen: 19.711 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG046440.D
Acq: 22 Aug 2020 9:31

Tgt Ion:228 Resp: 1050708
Ion Ratio Lower Upper
228 100
226 32.5 25.5 38.3
229 21.8 17.0 25.4

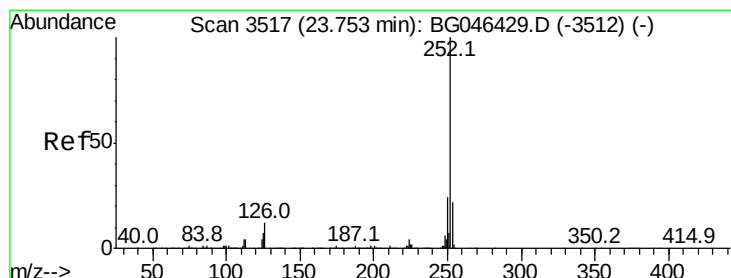
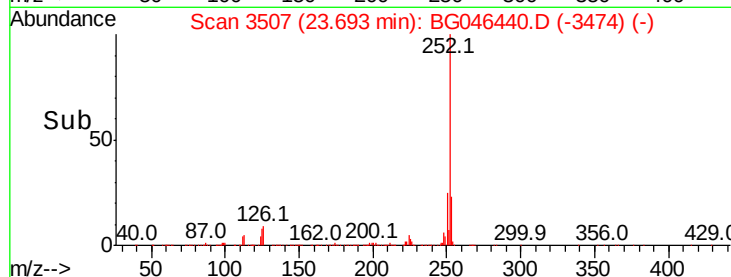
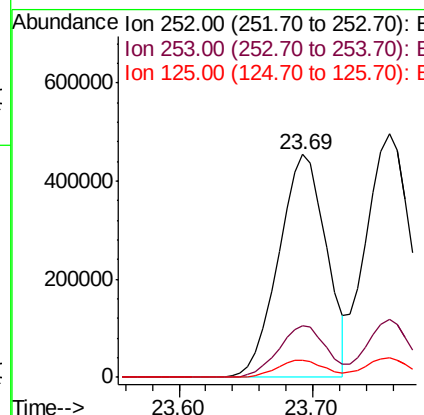
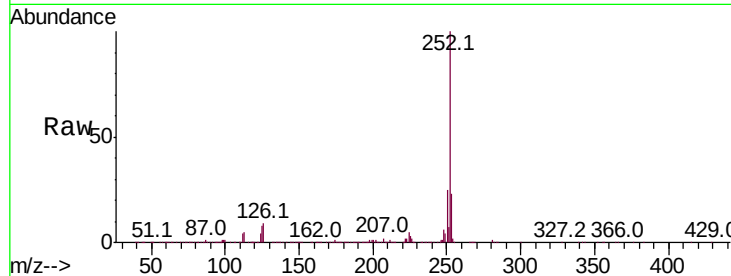




#24
Benzo(b)fluoranthene
Concen: 19.632 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG046440.D
Acq: 22 Aug 2020 9:31

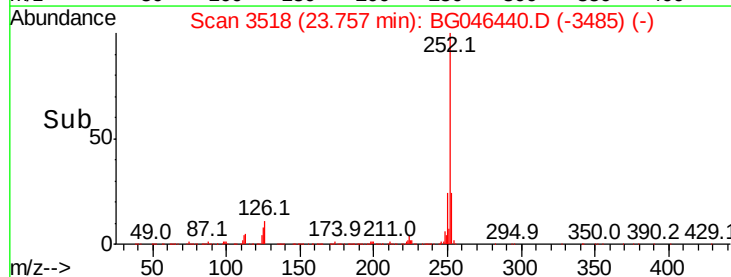
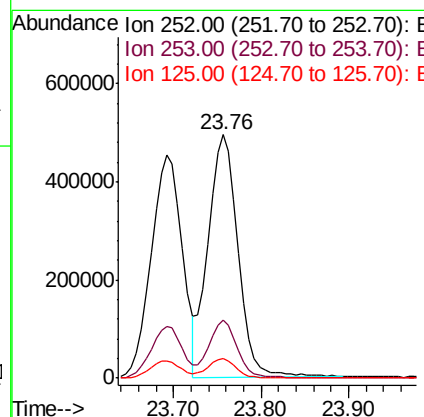
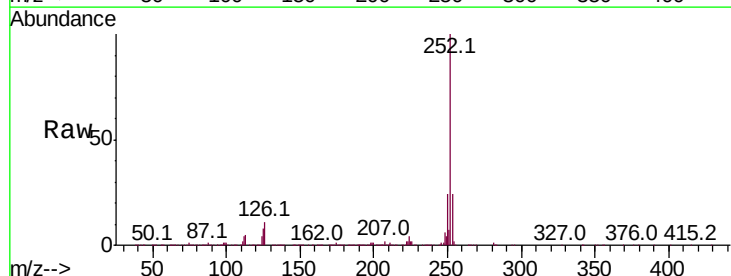
Instrument :
BNA_G
ClientSampleId :
DFTPP33

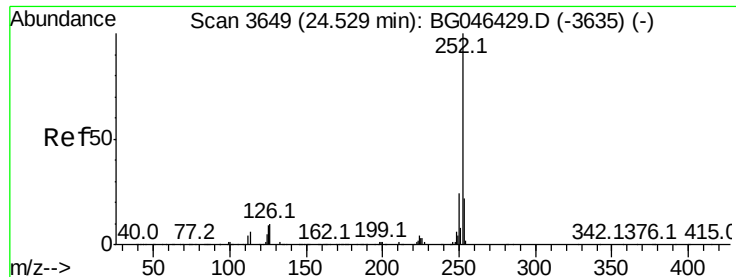
Tot Ion:252 Resp: 1124550
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 7.9 6.4 9.6



#25
Benzo(k)fluoranthene
Concen: 20.660 ng/ul
RT: 23.76 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG046440.D
Acq: 22 Aug 2020 9:31

Tgt Ion:252 Resp: 1173931
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 8.2 6.2 9.2





#27

Benzo(a)pyrene

Concen: 18.998 ng/ul

RT: 24.53 min Scan# 3650

Delta R.T. -0.01 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

Instrument :

BNA_G

ClientSampleId :

DFTPP33

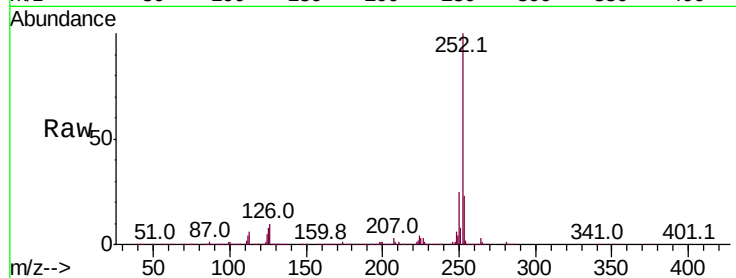
Tot Ion:252 Resp: 999073

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

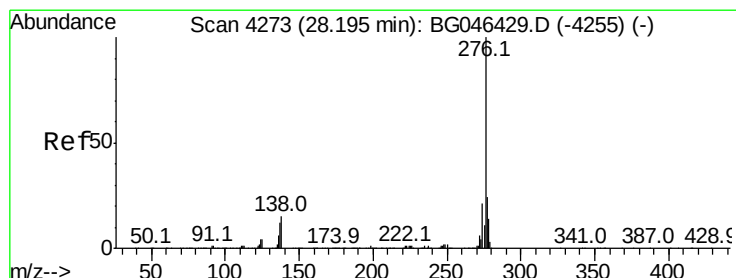
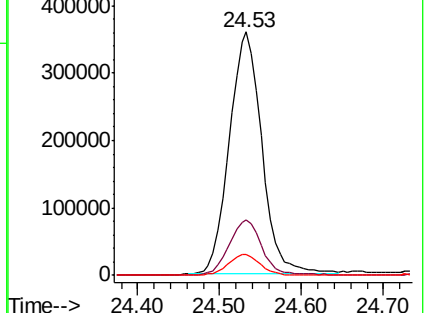
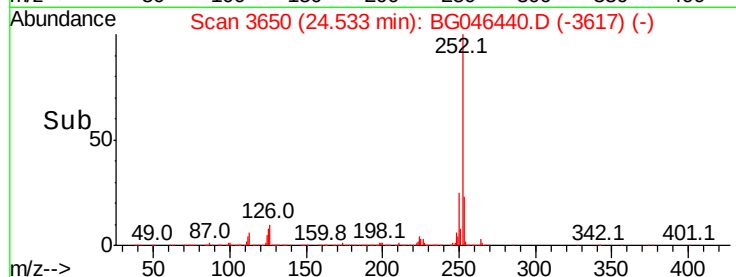
125 8.4 7.1 10.7



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 15.792 ng/ul

RT: 28.20 min Scan# 4274

Delta R.T. -0.01 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

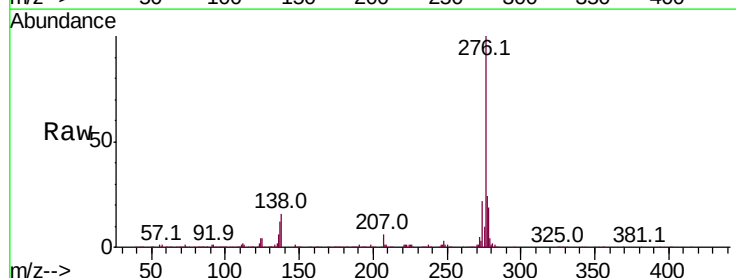
Tgt Ion:276 Resp: 1039875

Ion Ratio Lower Upper

276 100

138 16.1 13.2 19.8

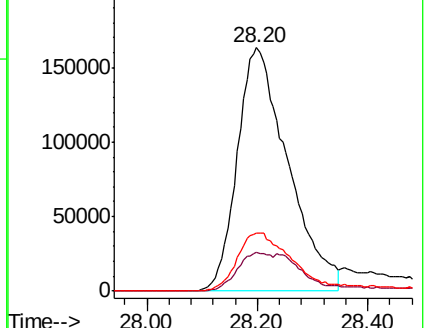
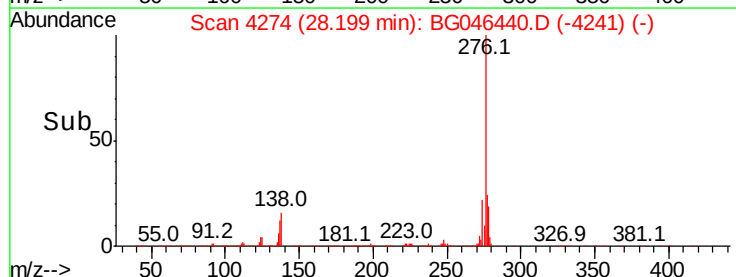
277 24.1 19.9 29.9

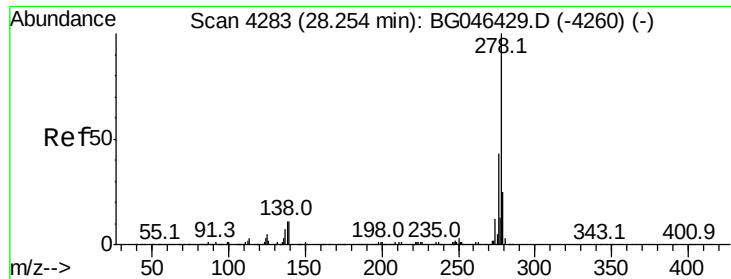


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Dibenzo(a,h)anthracene

Concen: 17.268 ng/ul

RT: 28.25 min Scan# 4283

Delta R.T. -0.01 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

Instrument :

BNA_G

ClientSampleId :

DFTPP33

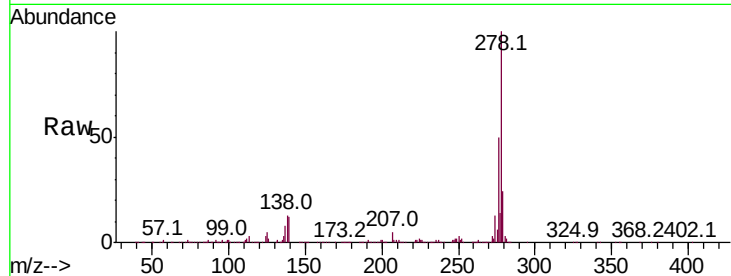
Tot Ion:278 Resp: 921923

Ion Ratio Lower Upper

278 100

139 11.8 9.8 14.8

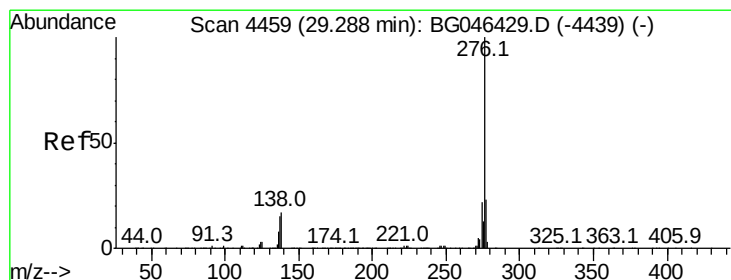
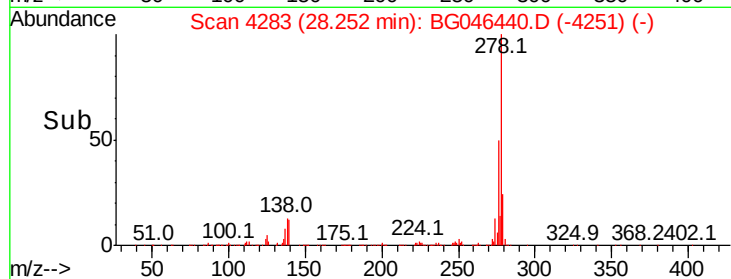
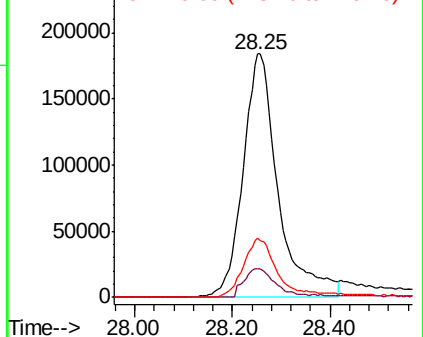
279 24.3 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Benzo(g,h,i)perylene

Concen: 14.177 ng/ul

RT: 29.30 min Scan# 4461

Delta R.T. -0.01 min

Lab File: BG046440.D

Acq: 22 Aug 2020 9:31

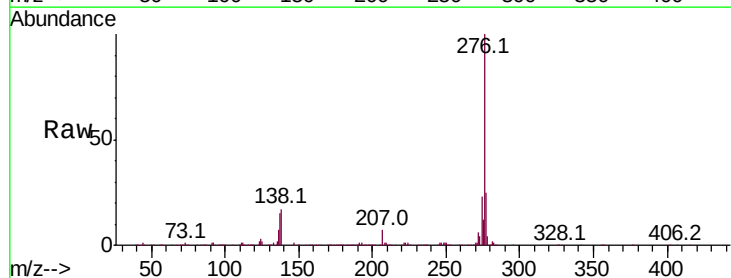
Tgt Ion:276 Resp: 781234

Ion Ratio Lower Upper

276 100

138 17.3 12.9 19.3

277 24.7 19.4 29.0



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

