

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
 Data File : BG031138.D
 Acq On : 20 Nov 2017 19:45
 Operator : SJ/JU
 Sample : I6475-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0G36

Quant Time: Nov 21 05:45:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 05:01:30 2017
 Response via : Initial Calibration

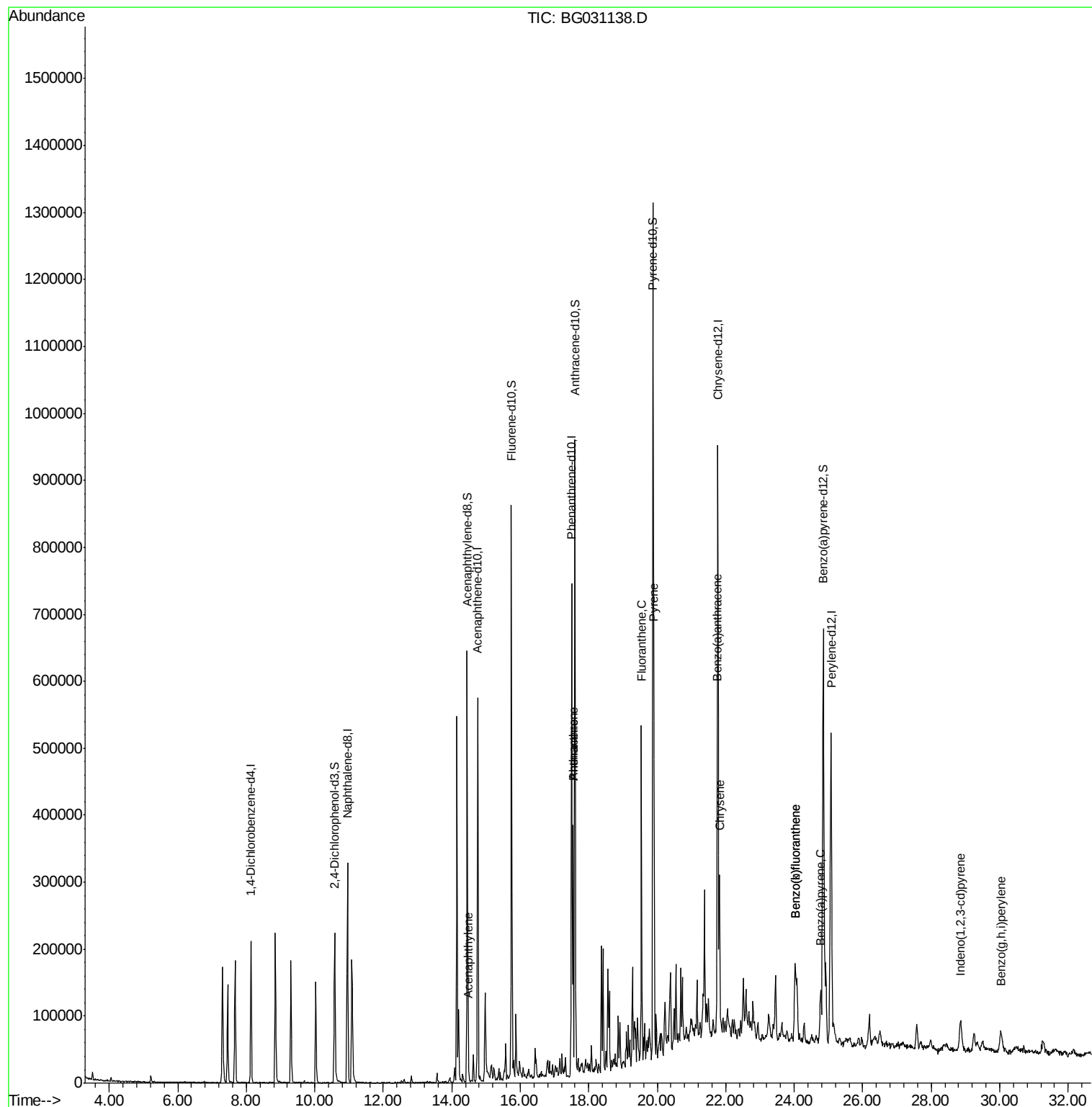
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	65204	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	306820	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	207373	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	488834	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	508380	20.00	ng/ul	-0.01
23) Perylene-d12	25.07	264	513530	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	114314	19.75	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	518550	24.04	ng/ul	0.00
10) Fluorene-d10	15.74	176	387600	22.38	ng/ul	0.00
15) Anthracene-d10	17.59	188	597754	24.43	ng/ul	0.00
19) Pyrene-d10	19.87	212	697923	30.05	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	666057	26.22	ng/ul	-0.04
Target Compounds				Qvalue		
8) Acenaphthylene	14.49	152	22814	1.21	ng/ul	99
14) Phenanthrene	17.54	178	241262	9.20	ng/ul	98
16) Anthracene	17.54	178	241262	9.06	ng/ul	99
17) Fluoranthene	19.54	202	320950	8.79	ng/ul#	88
20) Pyrene	19.90	202	358962	13.30	ng/ul#	87
21) Benzo(a)anthracene	21.75	228	154209	4.98	ng/ul	97
22) Chrysene	21.82	228	176909	6.01	ng/ul	99
24) Benzo(b)fluoranthene	24.02	252	162643	5.24	ng/ul#	95
25) Benzo(k)fluoranthene	24.02	252	162643	5.32	ng/ul#	95
27) Benzo(a)pyrene	24.77	252	81685	2.75	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	28.85	276	73256	2.16	ng/ul#	88
30) Benzo(a,h,i)perylene	30.03	276	28359	1.00	ng/ul#	90

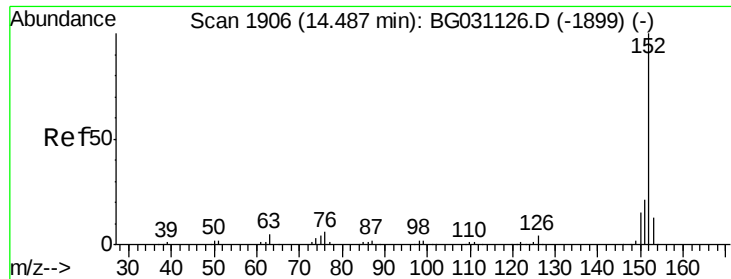
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
Data File : BG031138.D
Acq On : 20 Nov 2017 19:45
Operator : SJ/JU
Sample : I6475-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0G36

Quant Time: Nov 21 05:45:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 05:01:30 2017
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.21 ng/ul

RT: 14.49 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

B0G36

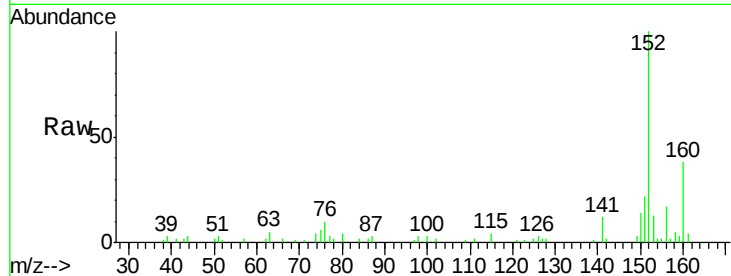
Tot Ion:152 Resp: 22814

Ion Ratio Lower Upper

152 100

151 21.8 17.5 26.3

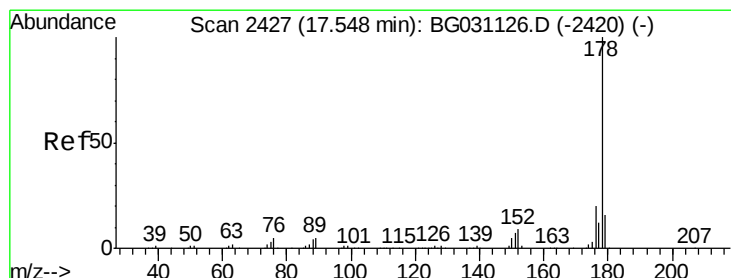
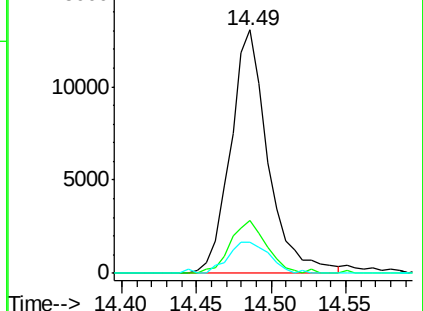
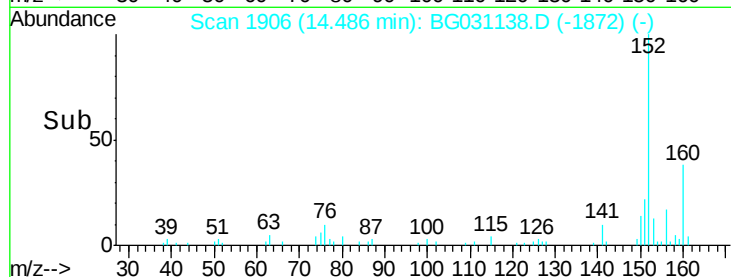
153 12.8 10.6 16.0



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



#14

Phenanthrene

Concen: 9.20 ng/ul

RT: 17.54 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

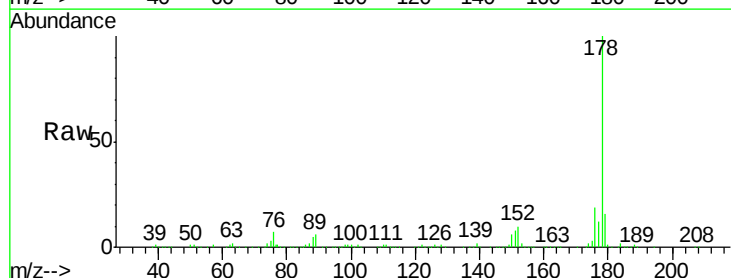
Tgt Ion:178 Resp: 241262

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

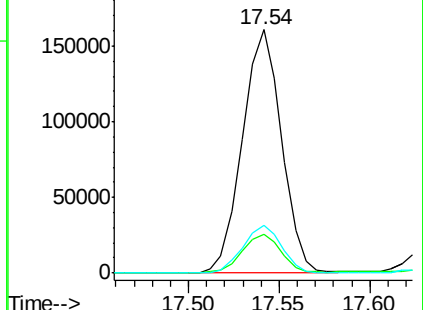
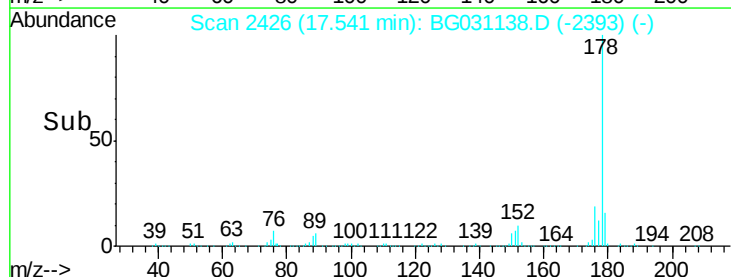
176 19.5 16.4 24.6

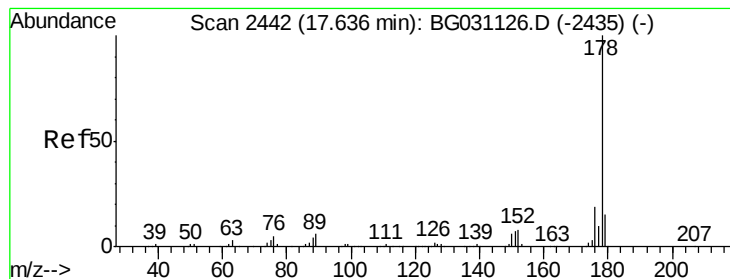


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Anthracene

Concen: 9.06 ng/ul

RT: 17.54 min Scan# 2426

Delta R.T. -0.09 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

B0G36

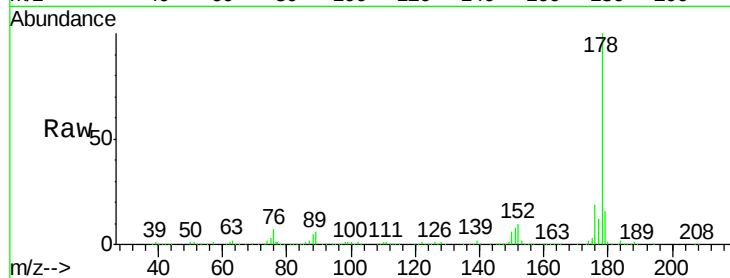
Tot Ion:178 Resp: 241262

Ion Ratio Lower Upper

178 100

179 15.8 12.7 19.1

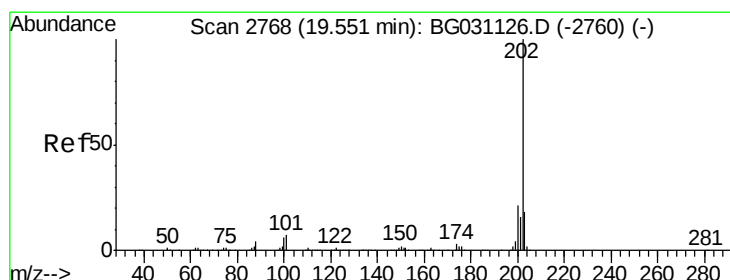
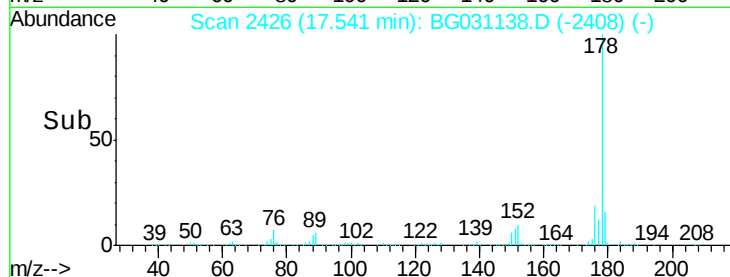
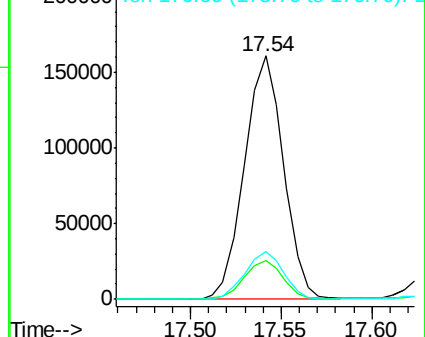
176 19.5 15.8 23.8



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



#17

Fluoranthene

Concen: 8.79 ng/ul

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

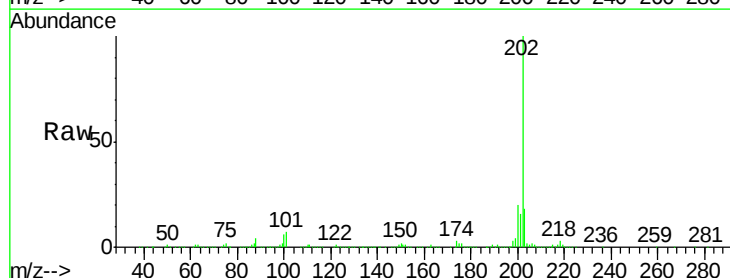
Tgt Ion:202 Resp: 320950

Ion Ratio Lower Upper

202 100

101 7.1 9.8 14.8#

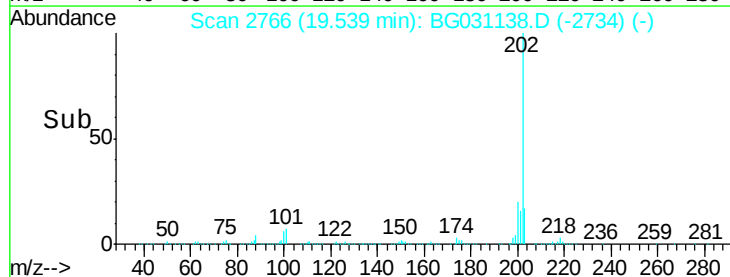
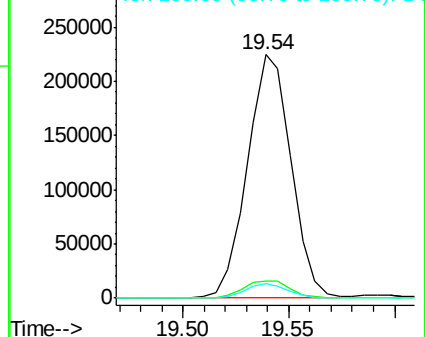
100 6.1 7.5 11.3#

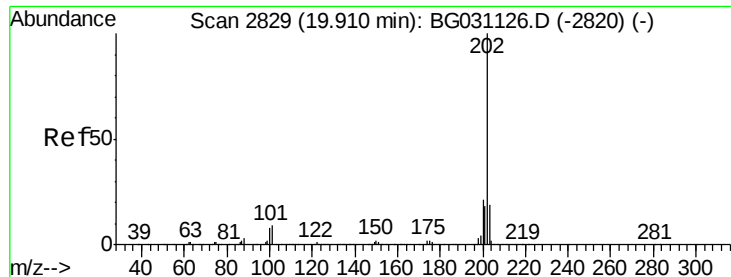


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

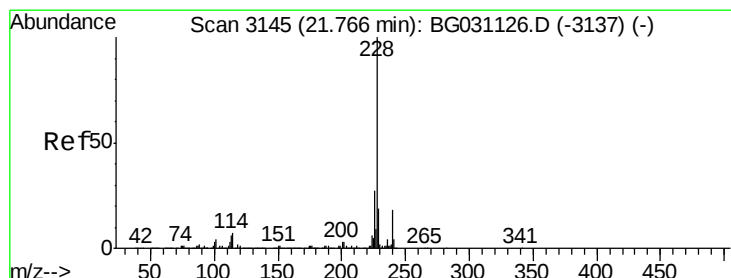
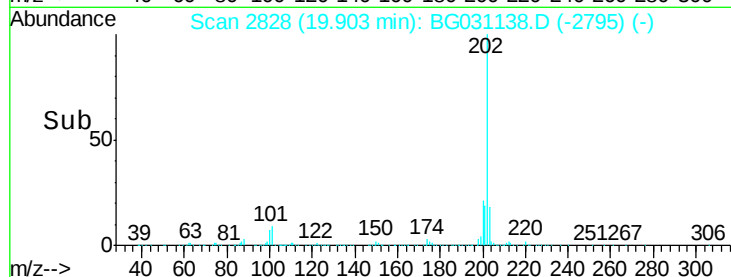
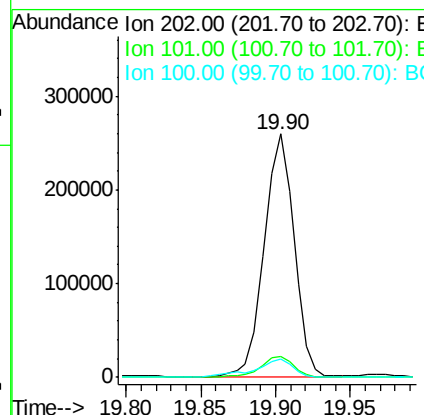
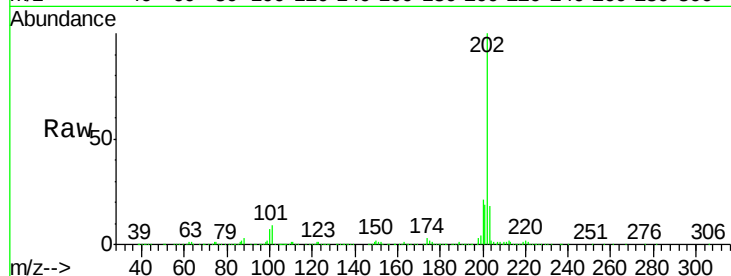




#20
Pvrene
Concen: 13.30 ng/ul
RT: 19.90 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG031138.D
Acq: 20 Nov 2017 19:45

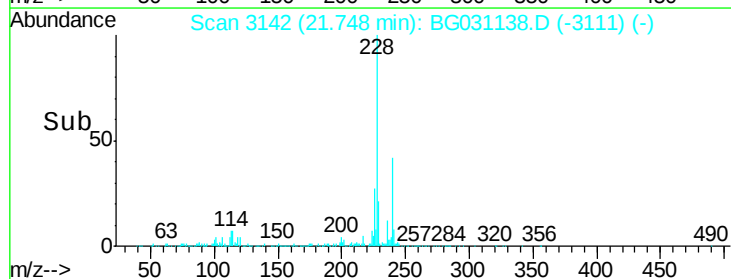
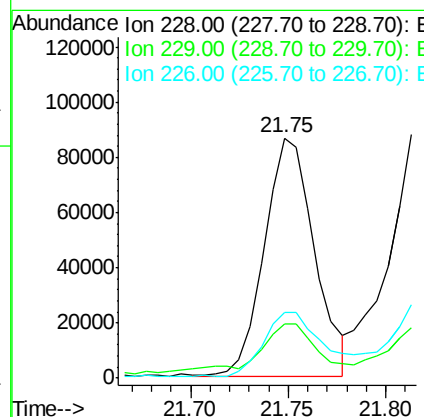
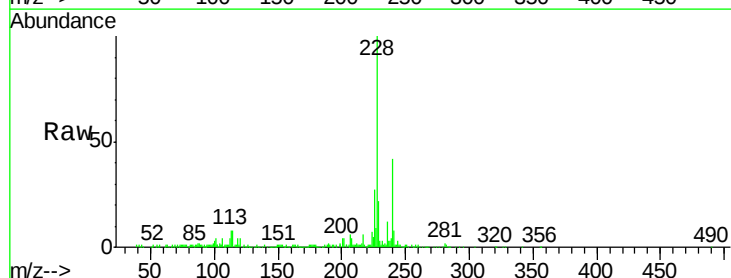
Instrument :
BNA_G
ClientSampleId :
B0G36

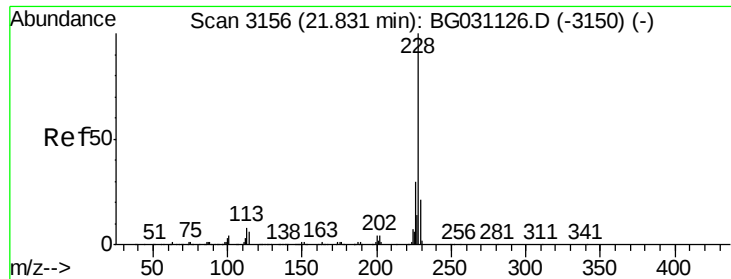
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	11.2	16.8#
100	7.4	9.8	14.6#



#21
Benzo(a)anthracene
Concen: 4.98 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG031138.D
Acq: 20 Nov 2017 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.9	23.9
226	27.3	22.1	33.1





#22

Chrysene

Concen: 6.01 ng/ul

RT: 21.82 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

B0G36

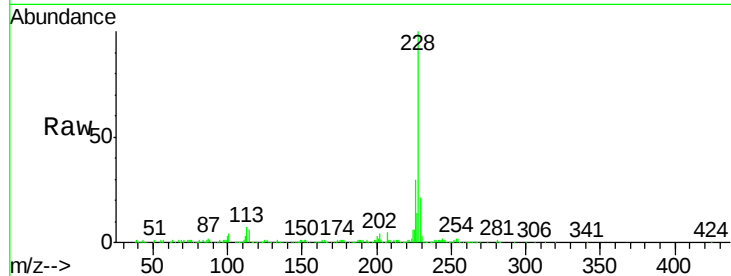
Tot Ion:228 Resp: 176909

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

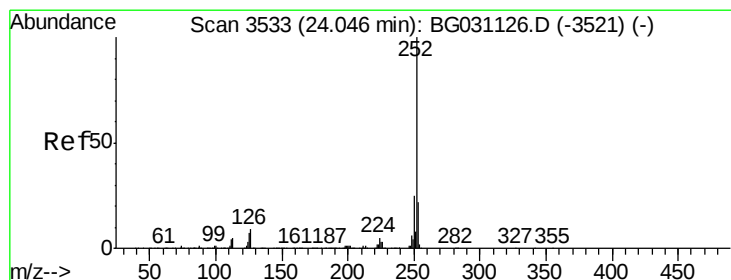
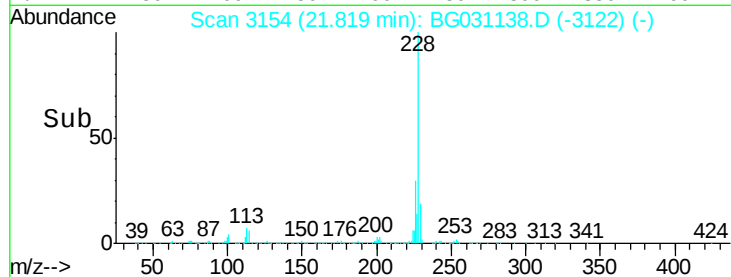
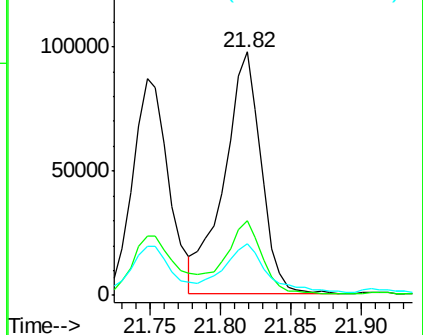
229 21.0 16.6 25.0



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



#24

Benzo(b)fluoranthene

Concen: 5.24 ng/ul

RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

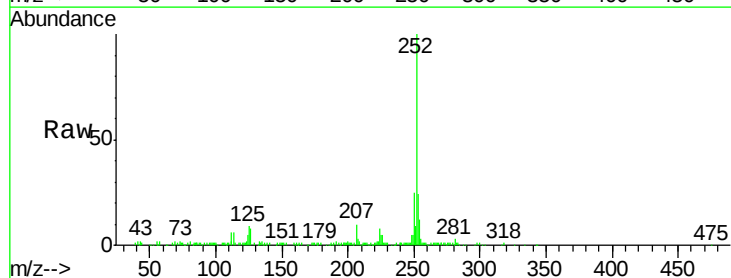
Tgt Ion:252 Resp: 162643

Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.6

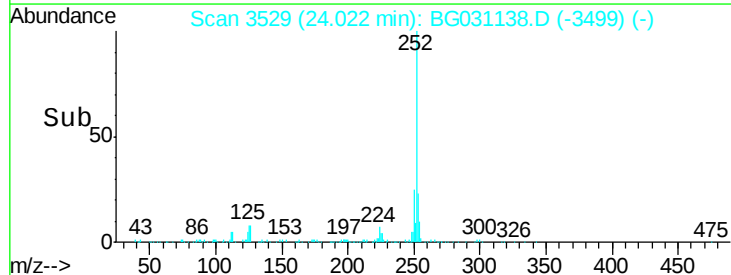
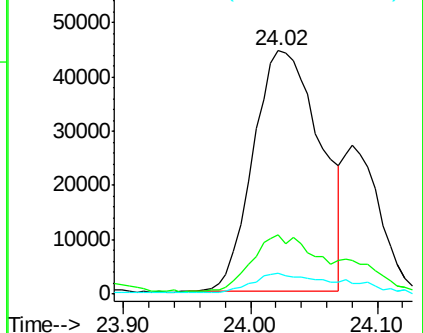
125 8.7 9.4 14.0#

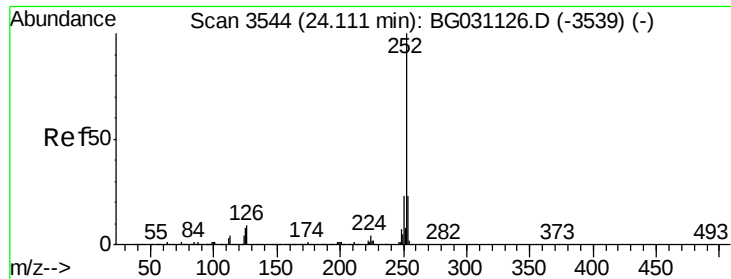


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(k)fluoranthene

Concen: 5.32 ng/ul

RT: 24.02 min Scan# 3529

Delta R.T. -0.09 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

B0G36

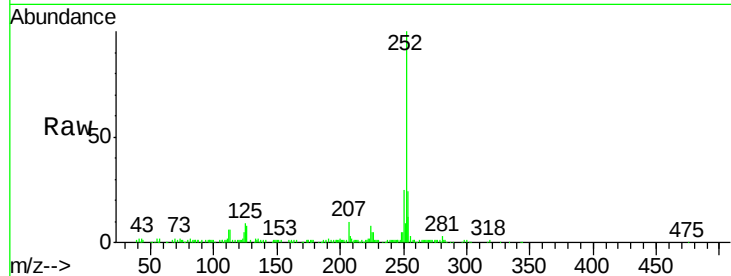
Tot Ion:252 Resp: 162643

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.2

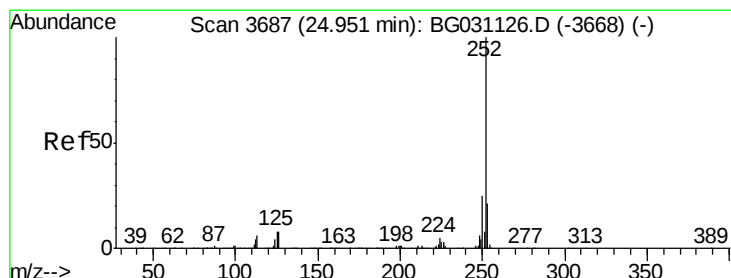
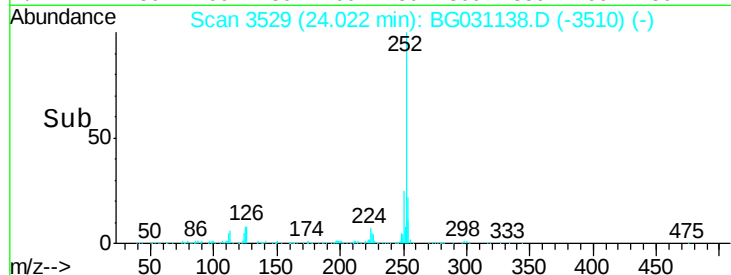
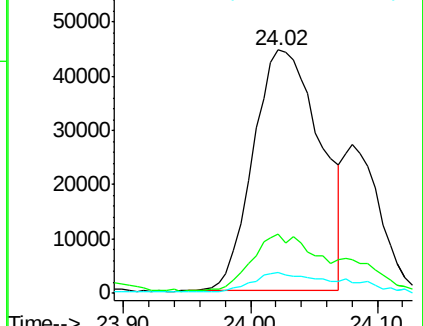
125 8.7 8.8 13.2#



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



#27

Benzo(a)pyrene

Concen: 2.75 ng/ul

RT: 24.77 min Scan# 3656

Delta R.T. -0.18 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

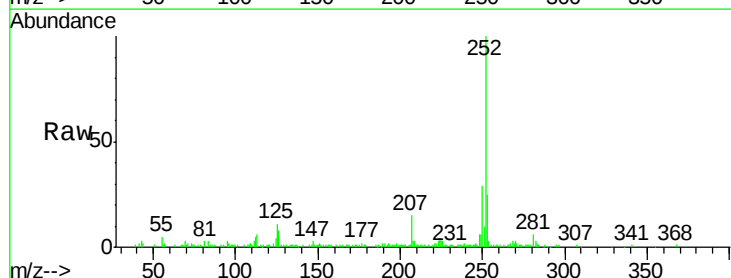
Tgt Ion:252 Resp: 81685

Ion Ratio Lower Upper

252 100

253 24.5 17.1 25.7

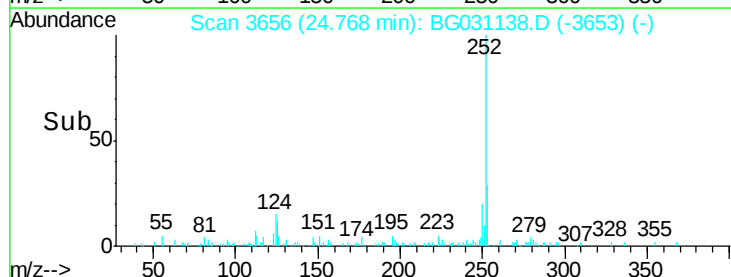
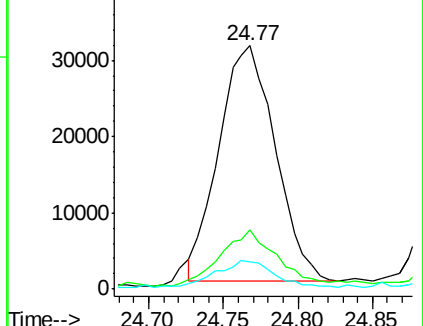
125 11.2 9.4 14.2

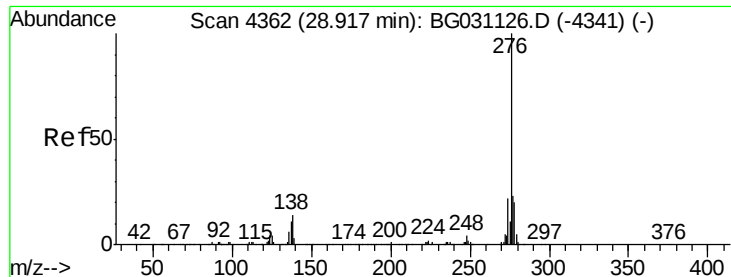


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#28

Indeno(1,2,3-cd)pyrene

Concen: 2.16 ng/ul

RT: 28.85 min Scan# 4351

Delta R.T. -0.07 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

B0G36

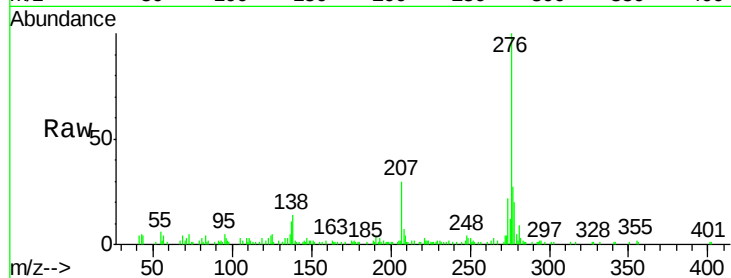
Tot Ion:276 Resp: 73256

Ion Ratio Lower Upper

276 100

138 13.7 17.8 26.6#

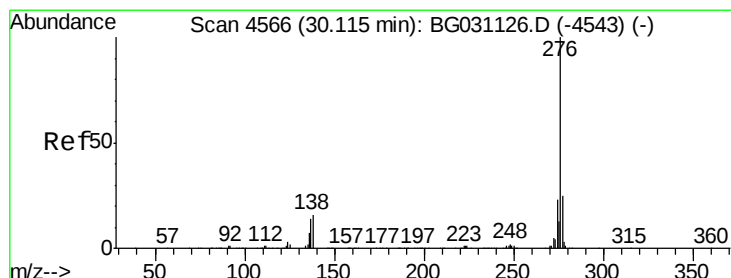
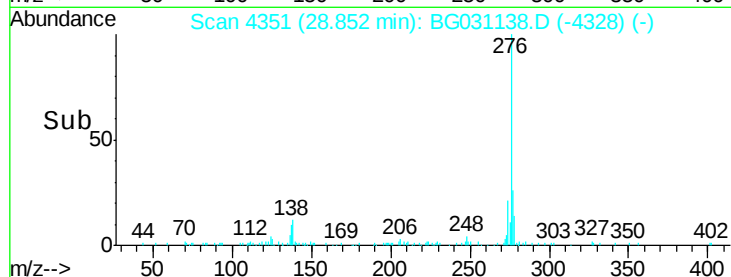
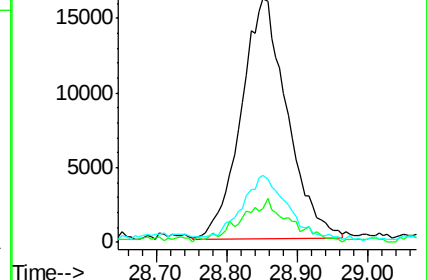
277 27.4 19.4 29.0



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



#30

Benzo(g,h,i)perylene

Concen: 1.00 ng/ul

RT: 30.03 min Scan# 4551

Delta R.T. -0.09 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

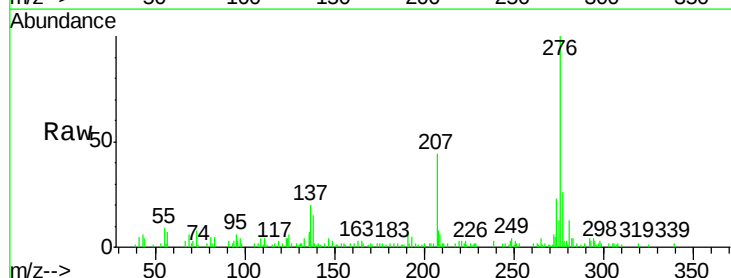
Tgt Ion:276 Resp: 28359

Ion Ratio Lower Upper

276 100

138 15.4 19.0 28.4#

277 26.1 19.7 29.5



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

