

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
 Data File : BG031104.D
 Acq On : 18 Nov 2017 4:49
 Operator : SJ/JU
 Sample : I6431-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0FM8

Quant Time: Nov 18 05:40:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 01:20:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39543	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	180094	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	132599	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	372974	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	409803	20.00	ng/ul	0.00
23) Perylene-d12	25.07	264	400587	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.58	165	49905	14.69	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	241896	17.54	ng/ul	0.00
10) Fluorene-d10	15.74	176	195909	17.69	ng/ul	0.00
15) Anthracene-d10	17.59	188	330899	17.72	ng/ul	0.00
19) Pyrene-d10	19.87	212	411745	21.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	371674	18.75	ng/ul	0.00

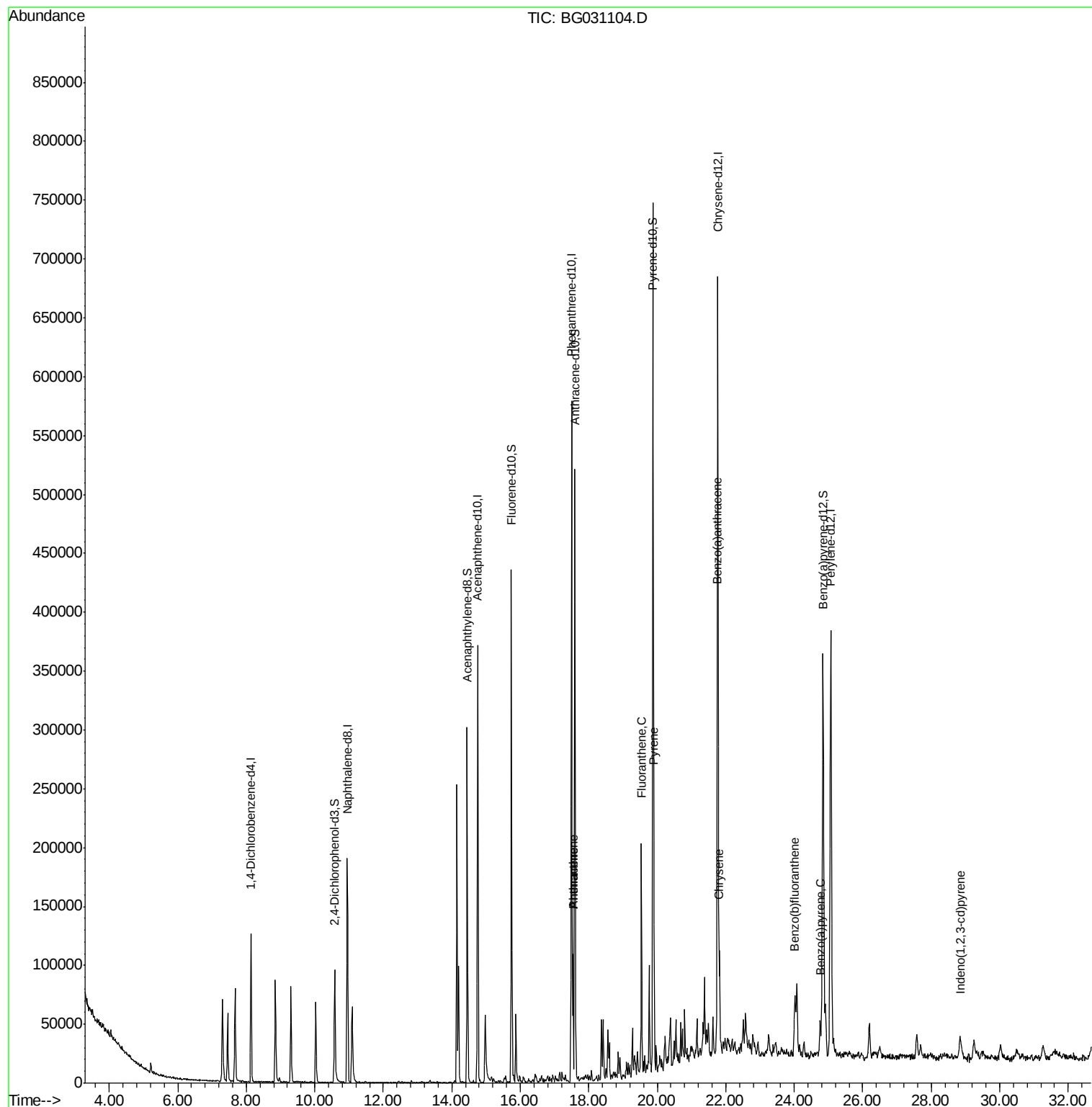
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.54	178	71648	3.58	ng/ul	98
16) Anthracene	17.54	178	71648	3.53	ng/ul	98
17) Fluoranthene	19.54	202	124200	4.46	ng/ul#	87
20) Pyrene	19.90	202	130955	6.02	ng/ul#	86
21) Benzo(a)anthracene	21.75	228	66410	2.66	ng/ul	95
22) Chrysene	21.81	228	68563	2.89	ng/ul	97
24) Benzo(b)fluoranthene	24.02	252	63438	2.62	ng/ul#	96
27) Benzo(a)pyrene	24.76	252	30325	1.31	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.85	276	27919	1.06	ng/ul#	91

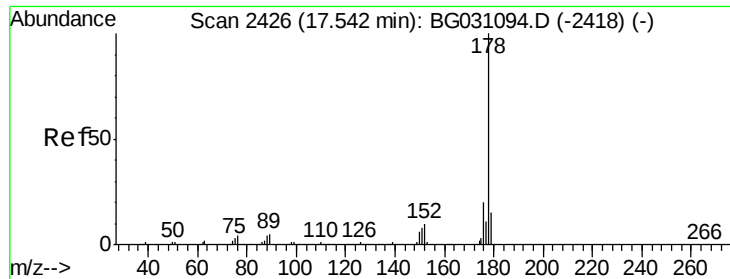
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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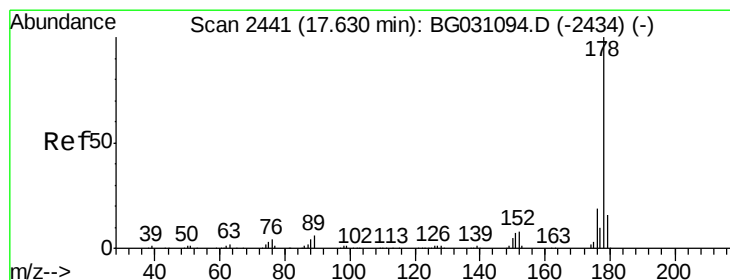
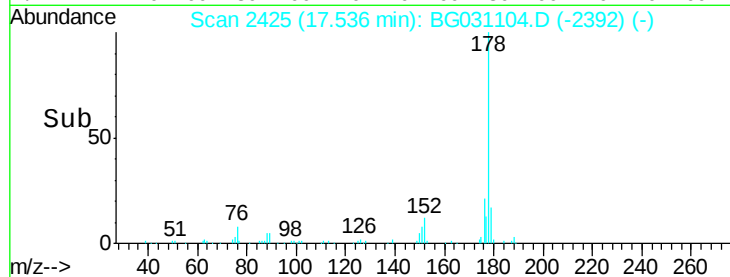
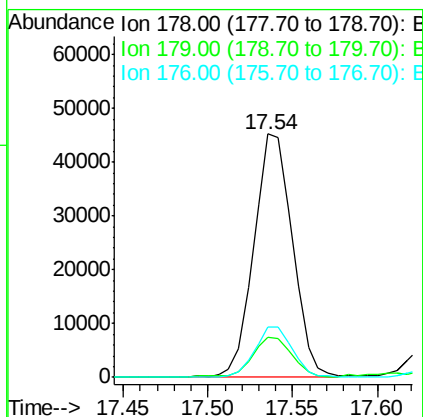
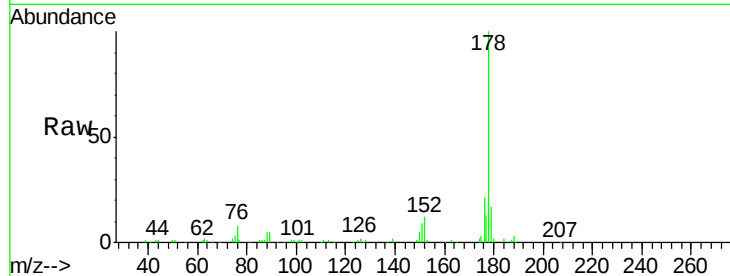




#14
Phenanthrene
Concen: 3.58 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG031104.D
Acq: 18 Nov 2017 4:49

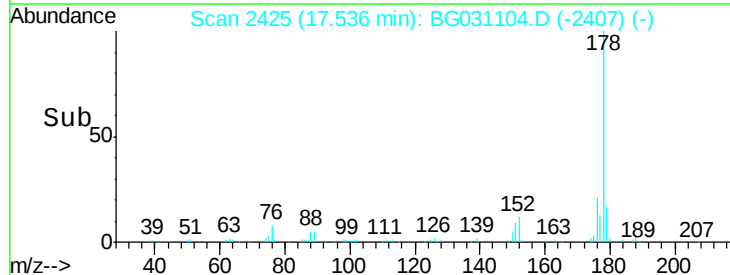
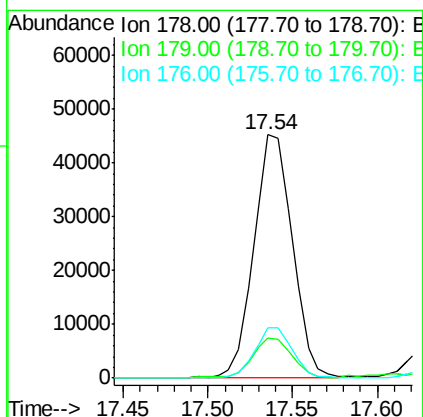
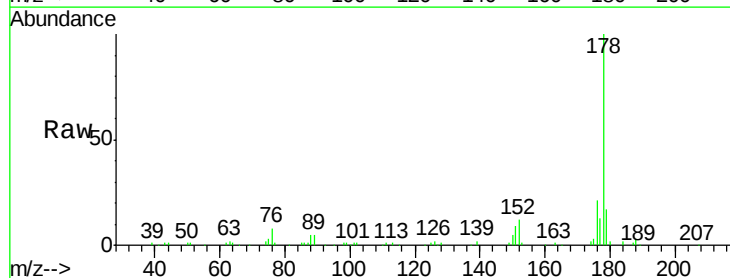
Instrument :
BNA_G
ClientSampleId :
B0FM8

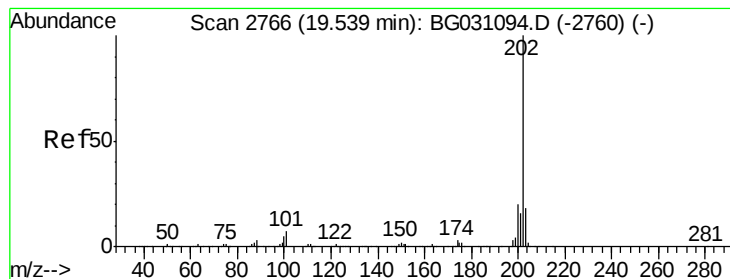
Tot Ion:178 Resp: 71648
Ion Ratio Lower Upper
178 100
179 16.7 12.2 18.4
176 20.7 16.4 24.6



#16
Anthracene
Concen: 3.53 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. -0.09 min
Lab File: BG031104.D
Acq: 18 Nov 2017 4:49

Tgt Ion:178 Resp: 71648
Ion Ratio Lower Upper
178 100
179 16.7 12.7 19.1
176 20.7 15.8 23.8





#17

Fluoranthene

Concen: 4.46 ng/ul

RT: 19.54 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BG031104.D

Acq: 18 Nov 2017 4:49

Instrument :

BNA_G

ClientSampleId :

B0FM8

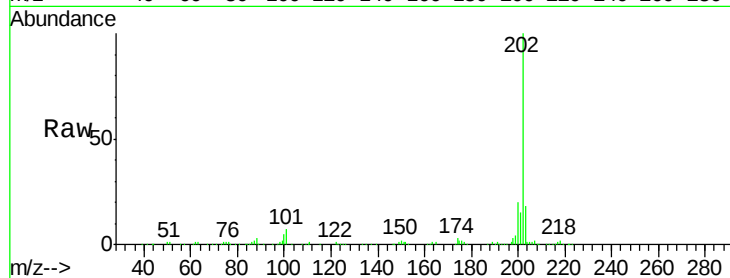
Tot Ion:202 Resp: 124200

Ion Ratio Lower Upper

202 100

101 6.8 9.8 14.8#

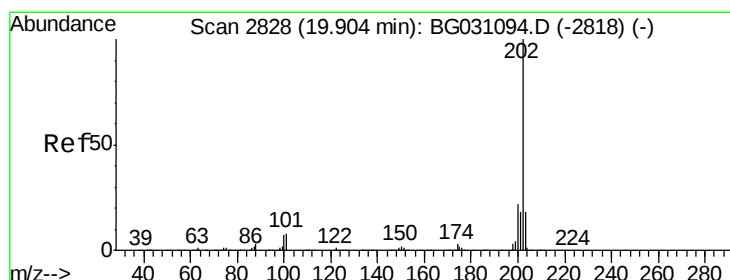
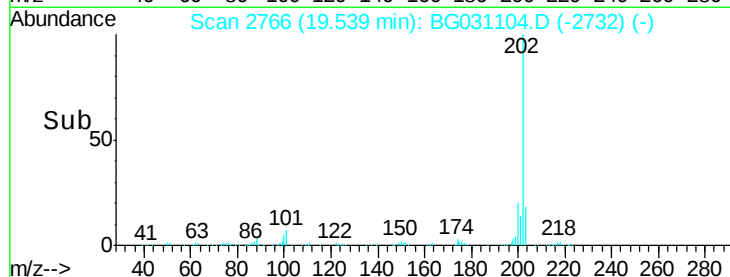
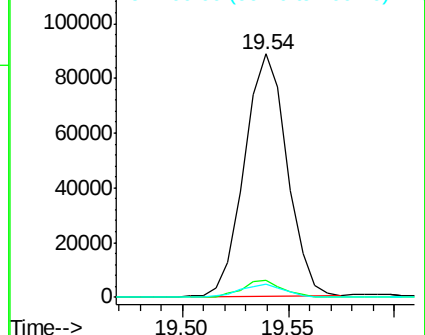
100 5.2 7.5 11.3#



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

Pyrene

Concen: 6.02 ng/ul

RT: 19.90 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG031104.D

Acq: 18 Nov 2017 4:49

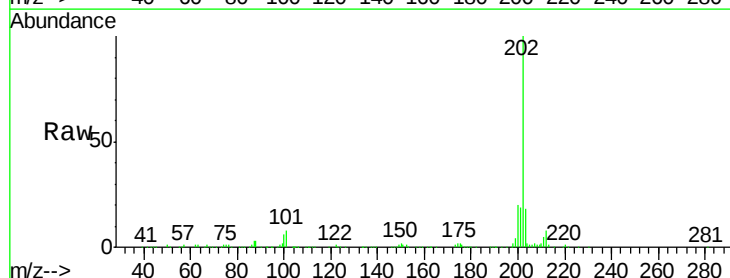
Tgt Ion:202 Resp: 130955

Ion Ratio Lower Upper

202 100

101 8.5 11.2 16.8#

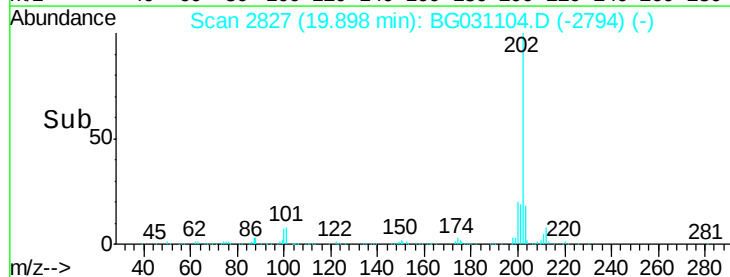
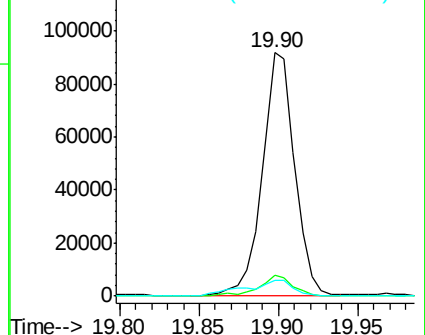
100 6.5 9.8 14.6#

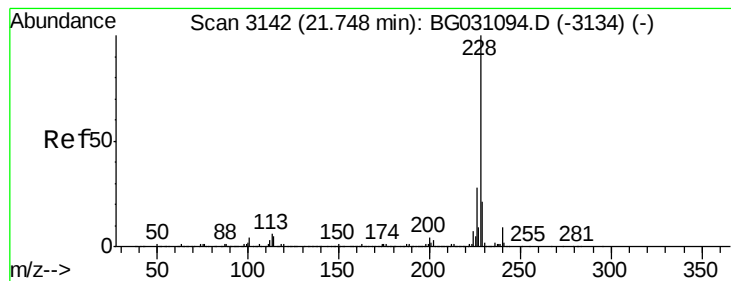


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 2.66 ng/ul

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031104.D

Acq: 18 Nov 2017 4:49

Instrument :

BNA_G

ClientSampleId :

B0FM8

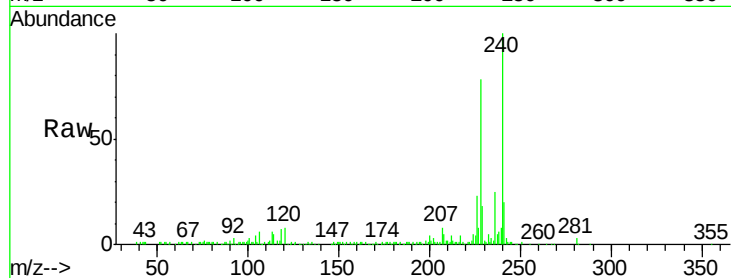
Tot Ion:228 Resp: 66410

Ion Ratio Lower Upper

228 100

229 23.2 15.9 23.9

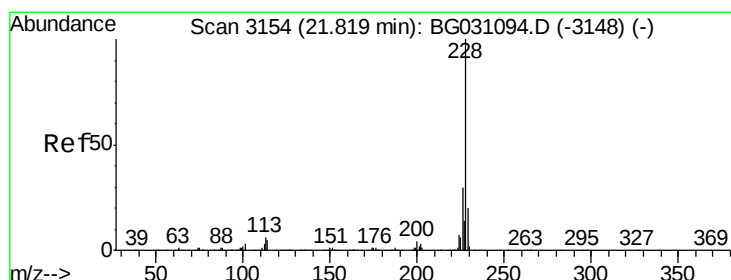
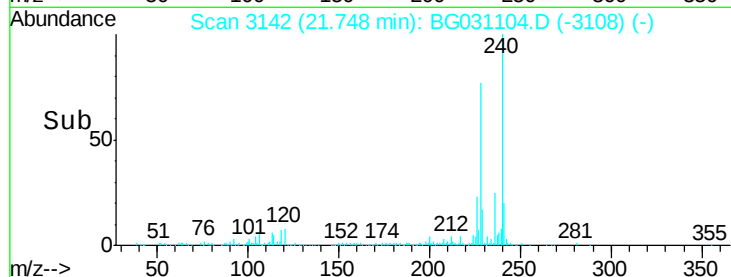
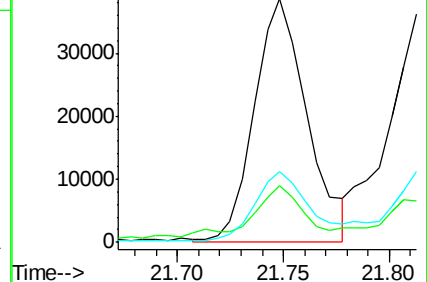
226 29.3 22.1 33.1



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



#22

Chrysene

Concen: 2.89 ng/ul

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG031104.D

Acq: 18 Nov 2017 4:49

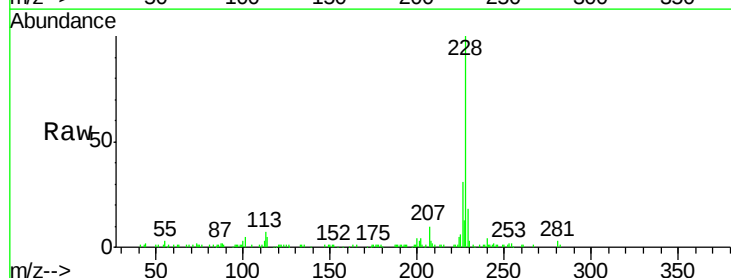
Tgt Ion:228 Resp: 68563

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

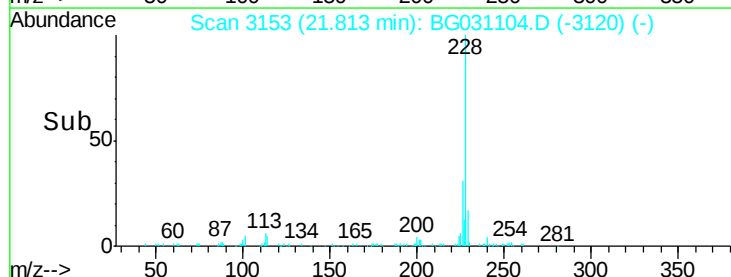
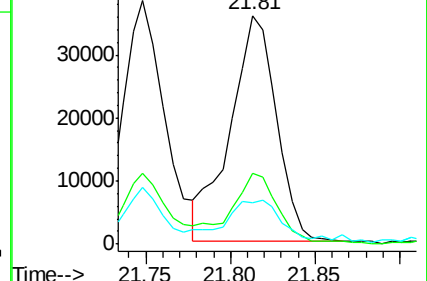
229 18.2 16.6 25.0

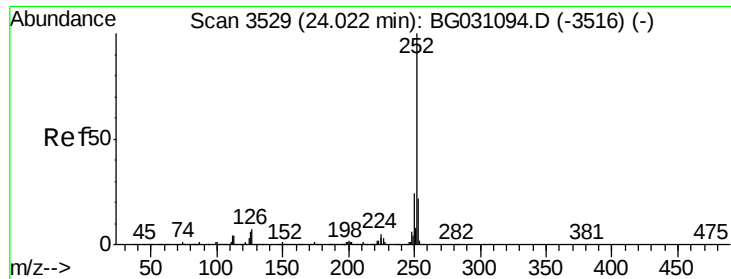


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#24

Benzo(b)fluoranthene

Concen: 2.62 ng/ul

RT: 24.02 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG031104.D

Acq: 18 Nov 2017 4:49

Instrument :

BNA_G

ClientSampleId :

B0FM8

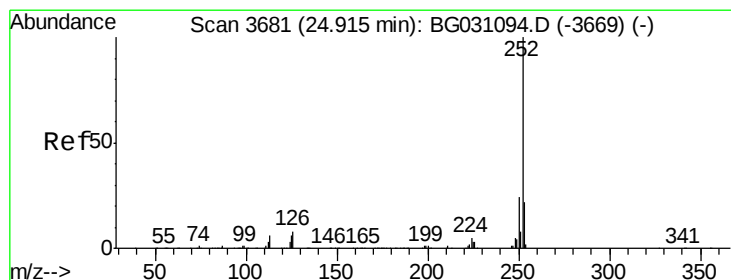
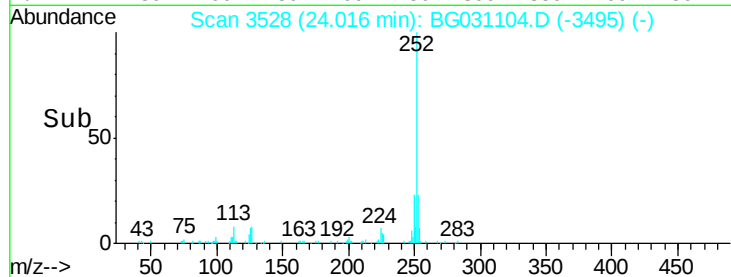
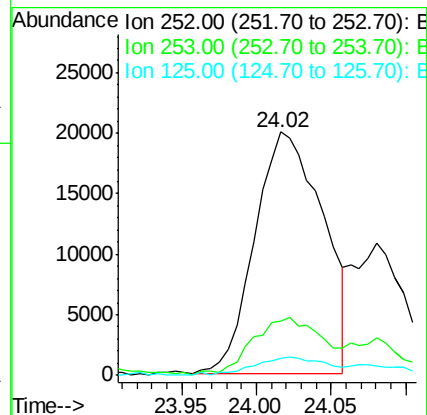
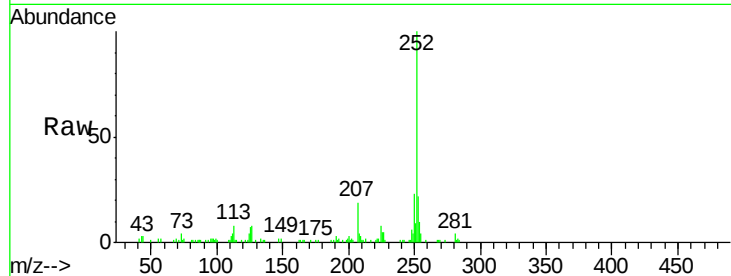
Tot Ion:252 Resp: 63438

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 7.2 9.4 14.0#



#27

Benzo(a)pyrene

Concen: 1.31 ng/ul

RT: 24.76 min Scan# 3654

Delta R.T. -0.16 min

Lab File: BG031104.D

Acq: 18 Nov 2017 4:49

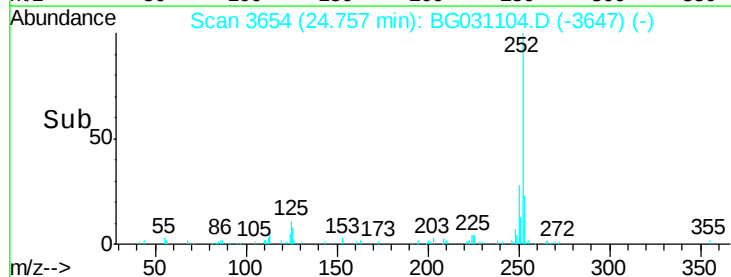
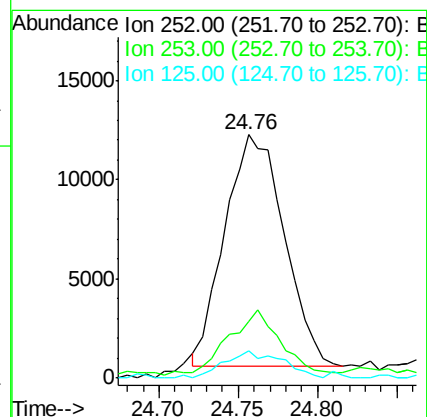
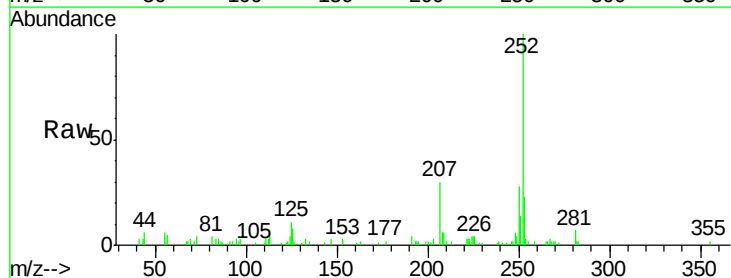
Tgt Ion:252 Resp: 30325

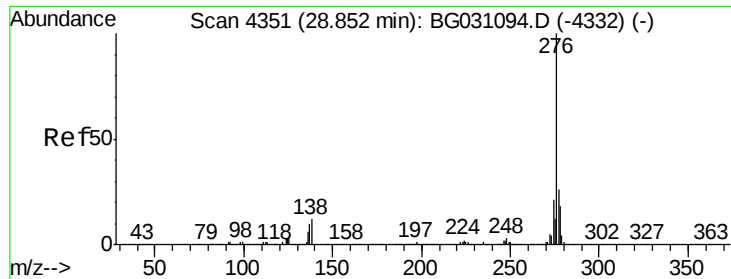
Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

125 11.2 9.4 14.2





#28

Indeno(1,2,3-cd)pyrene

Concen: 1.06 ng/ul

RT: 28.85 min Scan# 4350

Delta R.T. -0.01 min

Lab File: BG031104.D

Acq: 18 Nov 2017 4:49

Instrument :

BNA_G

ClientSampleId :

B0FM8

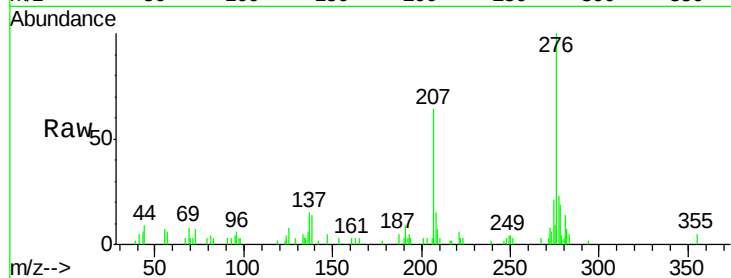
Tot Ion:276 Resp: 27919

Ion Ratio Lower Upper

276 100

138 14.1 17.8 26.6#

277 23.1 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

