

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031119.D
 Acq On : 18 Nov 2017 14:35
 Operator : SJ/JU
 Sample : I6452-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0FT9

Quant Time: Nov 20 00:57:19 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

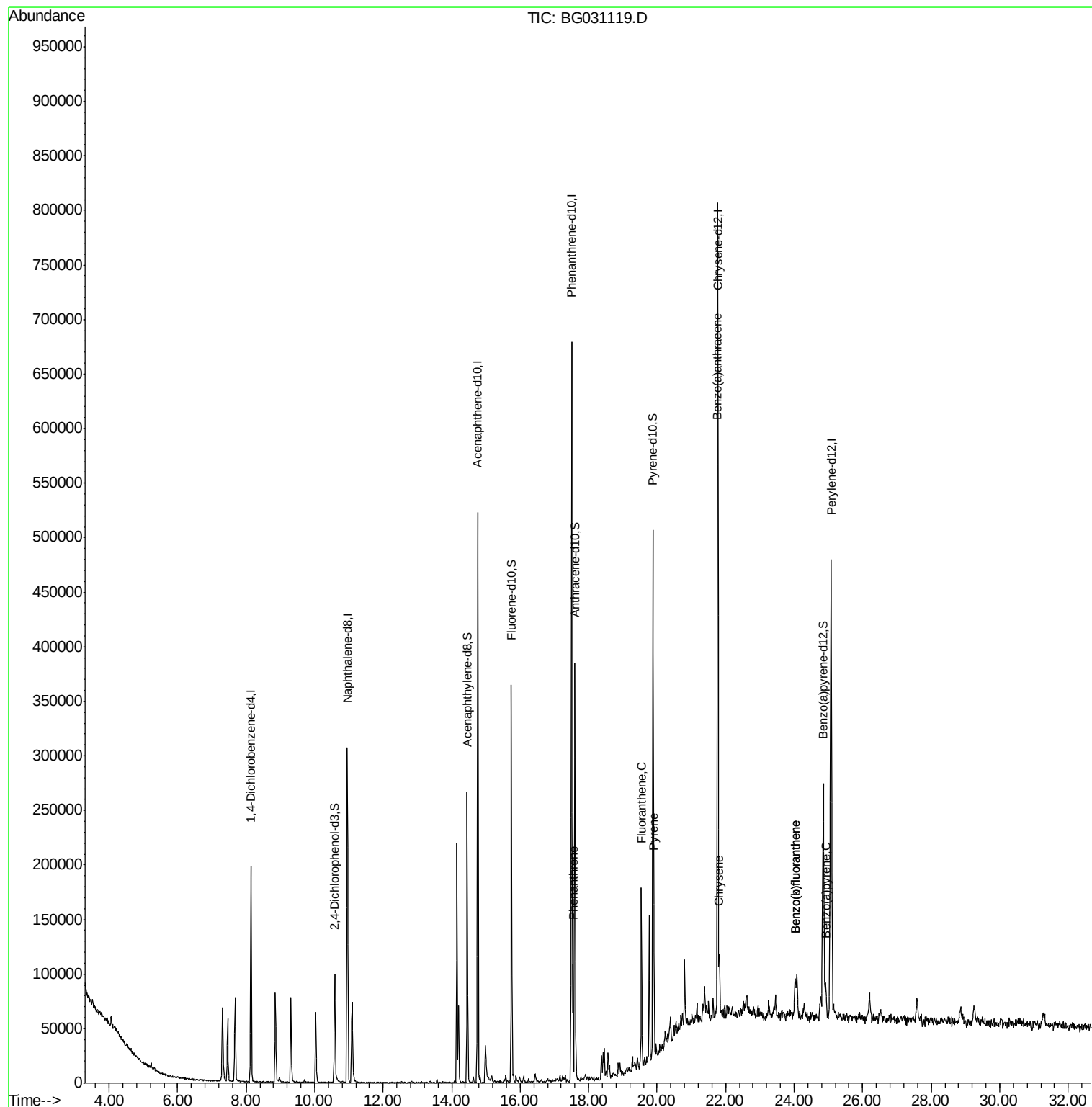
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	59770	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	283375	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	188336	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	445276	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	464757	20.00	ng/ul	0.00
23) Perylene-d12	25.08	264	460863	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.59	165	46381	8.67	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	214756	10.96	ng/ul	0.00
10) Fluorene-d10	15.75	176	161066	10.24	ng/ul	0.00
15) Anthracene-d10	17.60	188	241596	10.84	ng/ul	0.00
19) Pyrene-d10	19.88	212	270222	12.73	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	238251	10.45	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.54	178	72428	3.03	ng/ul	95
17) Fluoranthene	19.54	202	105943	3.19	ng/ul#	90
20) Pyrene	19.91	202	93506	3.79	ng/ul#	84
21) Benzo(a)anthracene	21.76	228	46130	1.63	ng/ul	98
22) Chrysene	21.82	228	40662	1.51	ng/ul	97
24) Benzo(b)fluoranthene	24.03	252	45086	1.62	ng/ul	96
25) Benzo(k)fluoranthene	24.03	252	45086	1.64	ng/ul	96
27) Benzo(a)pyrene	24.92	252	31304	1.17	ng/ul#	92

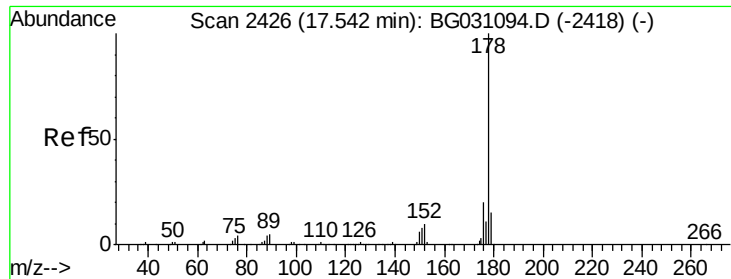
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 3.03 ng/ul

RT: 17.54 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG031119.D

Acq: 18 Nov 2017 14:35

Instrument :

BNA_G

ClientSampleId :

B0FT9

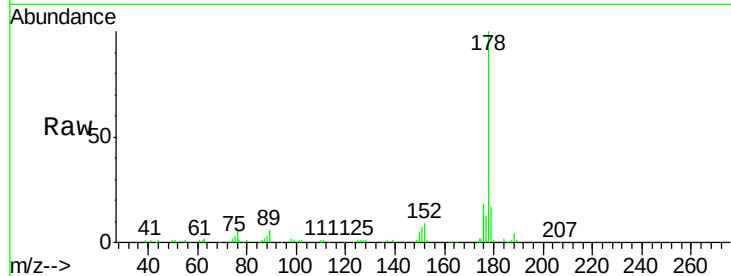
Tgt Ion:178 Resp: 72428

Ion Ratio Lower Upper

178 100

179 16.8 12.2 18.4

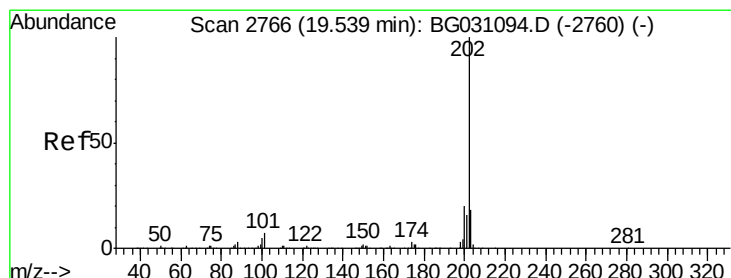
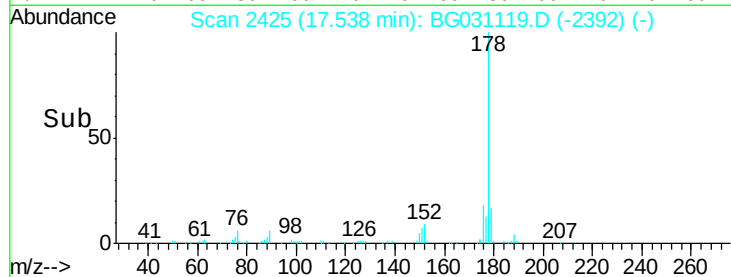
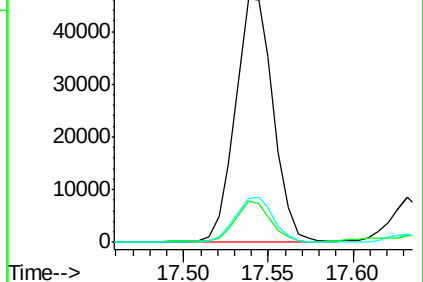
176 18.0 16.4 24.6



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



#17

Fluoranthene

Concen: 3.19 ng/ul

RT: 19.54 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG031119.D

Acq: 18 Nov 2017 14:35

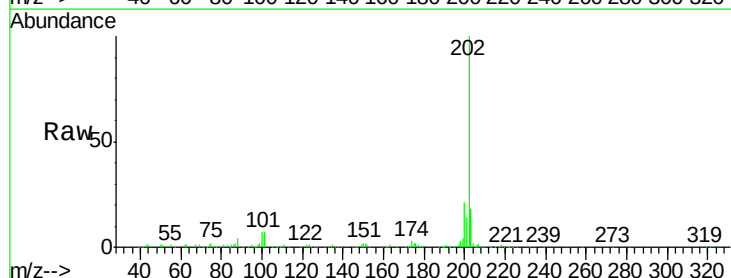
Tgt Ion:202 Resp: 105943

Ion Ratio Lower Upper

202 100

101 7.0 9.8 14.8#

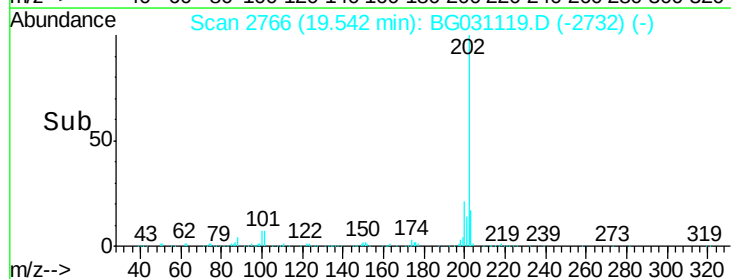
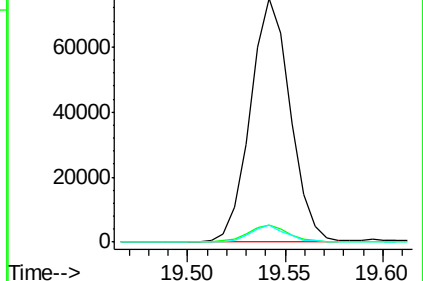
100 7.2 7.5 11.3#

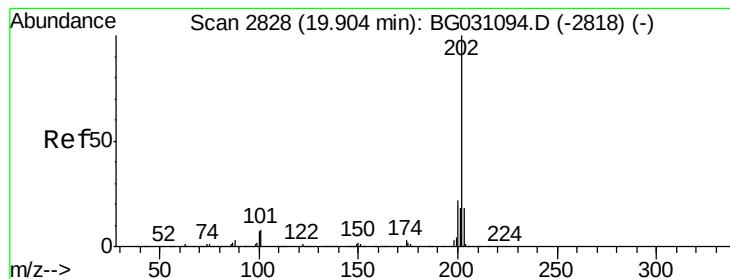


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Pyrene

Concen: 3.79 ng/ul

RT: 19.91 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG031119.D

Acq: 18 Nov 2017 14:35

Instrument :

BNA_G

ClientSampleId :

B0FT9

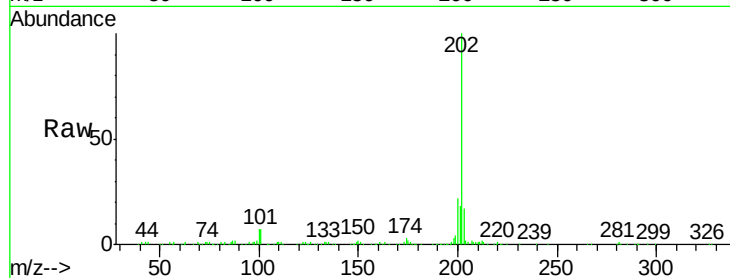
Tgt Ion:202 Resp: 93506

Ion Ratio Lower Upper

202 100

101 7.1 11.2 16.8#

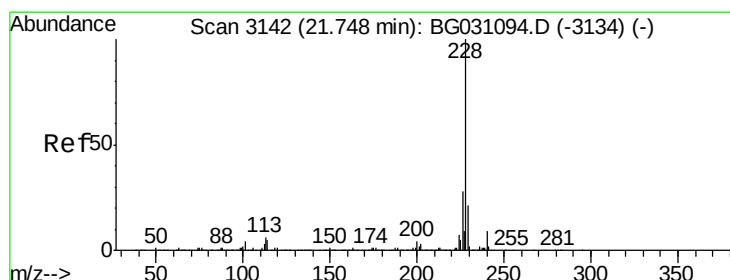
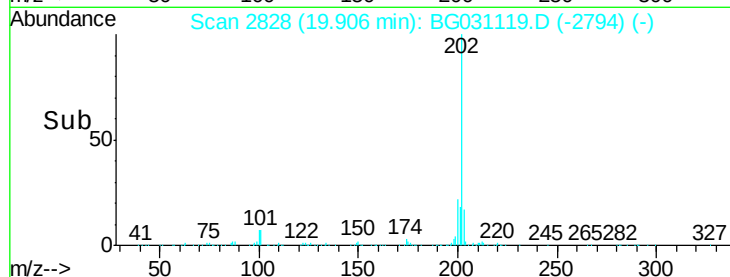
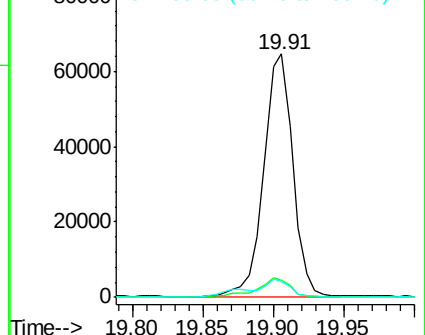
100 6.6 9.8 14.6#



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: 1.63 ng/ul

RT: 21.76 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG031119.D

Acq: 18 Nov 2017 14:35

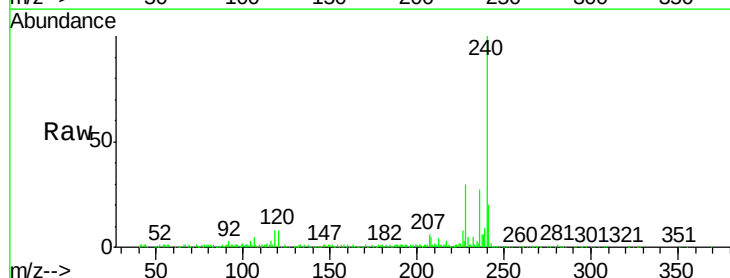
Tgt Ion:228 Resp: 46130

Ion Ratio Lower Upper

228 100

229 17.8 15.9 23.9

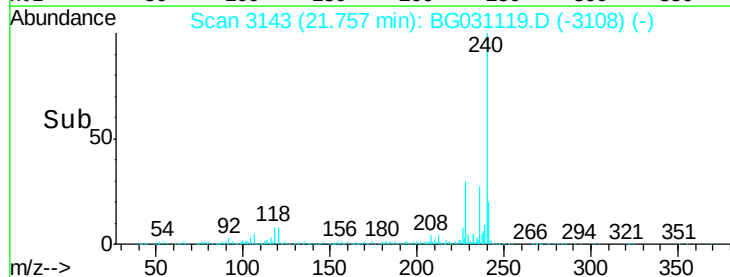
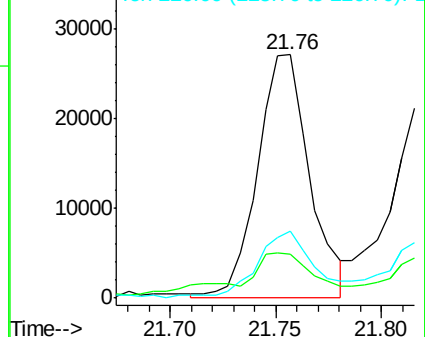
226 27.7 22.1 33.1

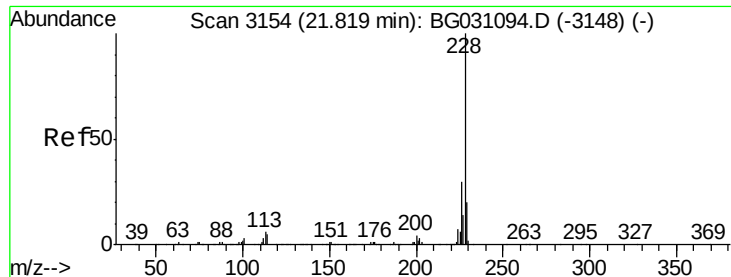


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#22

Chrysene

Concen: 1.51 ng/ul

RT: 21.82 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG031119.D

Acq: 18 Nov 2017 14:35

Instrument :

BNA_G

ClientSampleId :

B0FT9

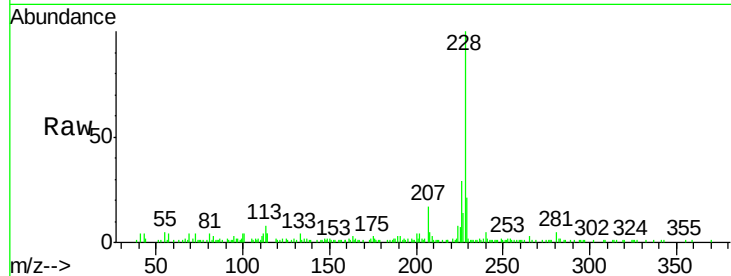
Tgt Ion:228 Resp: 40662

Ion Ratio Lower Upper

228 100

226 29.0 25.0 37.6

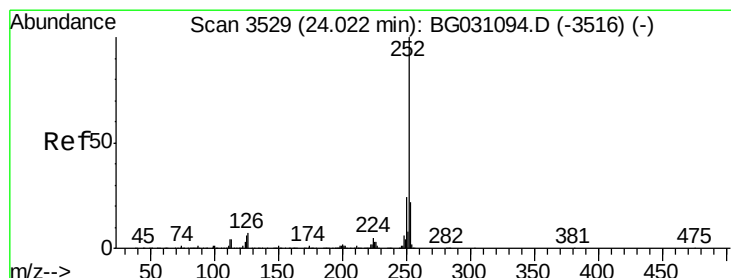
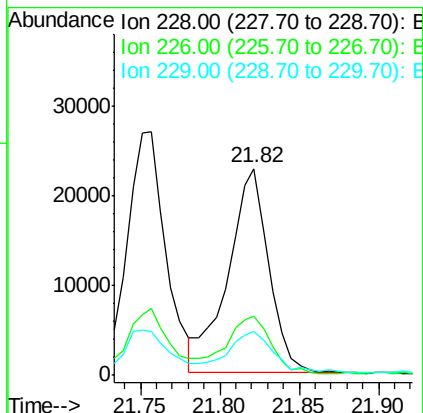
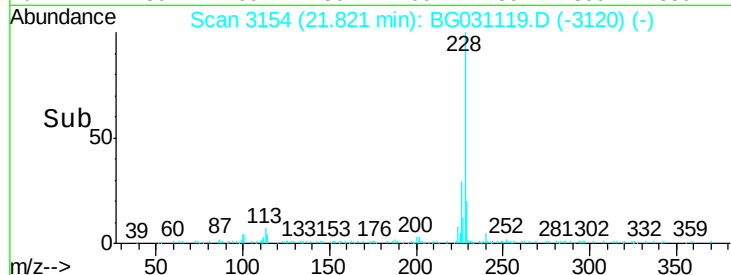
229 21.3 16.6 25.0



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: 1.62 ng/ul

RT: 24.03 min Scan# 3530

Delta R.T. 0.01 min

Lab File: BG031119.D

Acq: 18 Nov 2017 14:35

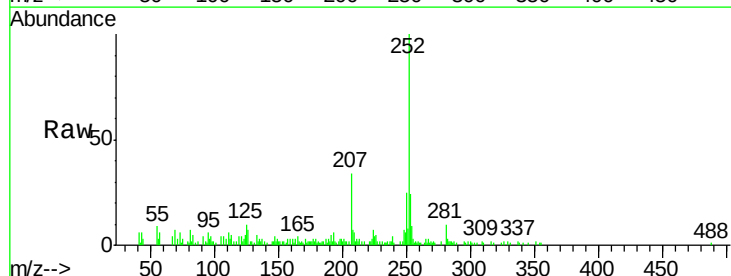
Tgt Ion:252 Resp: 45086

Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.6

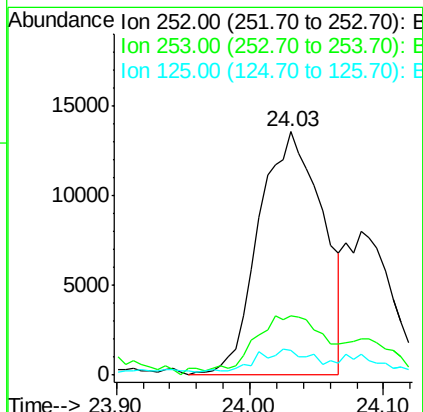
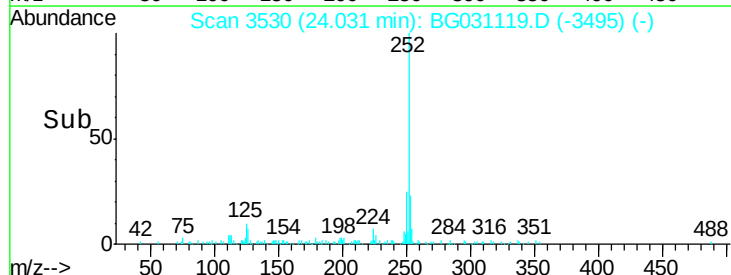
125 10.3 9.4 14.0

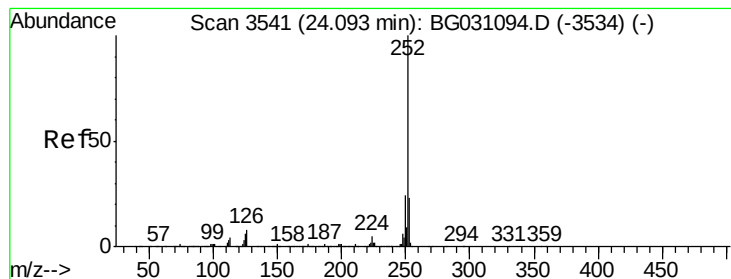


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(k)fluoranthene

Concen: 1.64 ng/ul

RT: 24.03 min Scan# 3530

Delta R.T. -0.06 min

Lab File: BG031119.D

Acq: 18 Nov 2017 14:35

Instrument :

BNA_G

ClientSampleId :

B0FT9

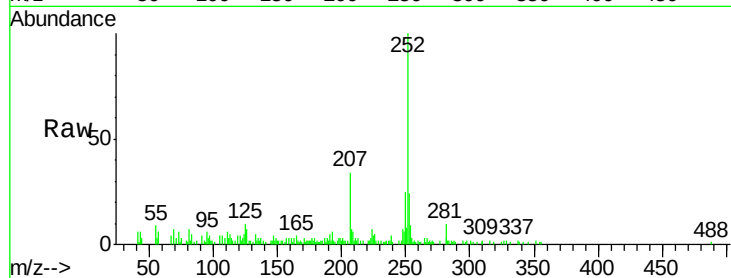
Tgt Ion:252 Resp: 45086

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.2

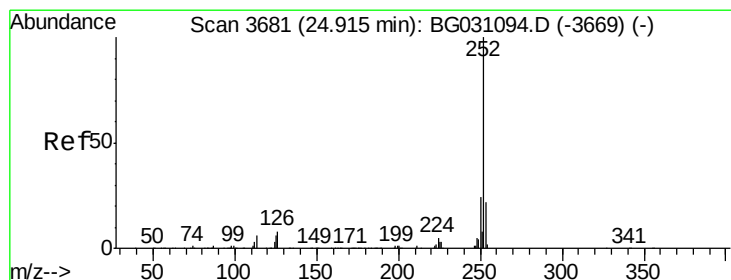
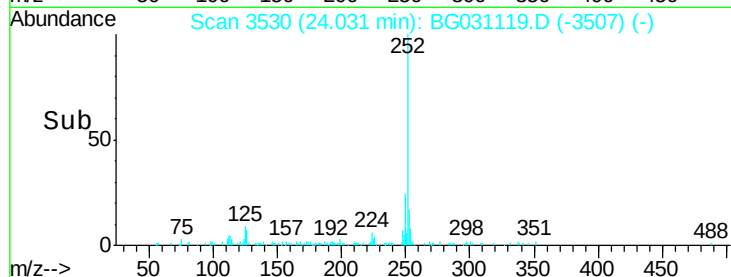
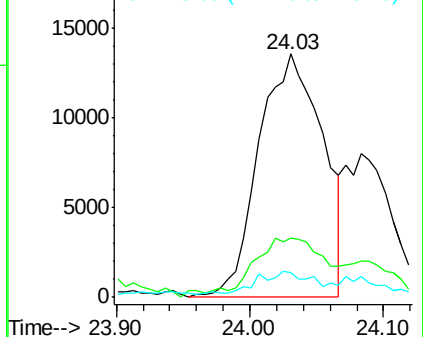
125 10.3 8.8 13.2



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: 1.17 ng/ul

RT: 24.92 min Scan# 3682

Delta R.T. 0.01 min

Lab File: BG031119.D

Acq: 18 Nov 2017 14:35

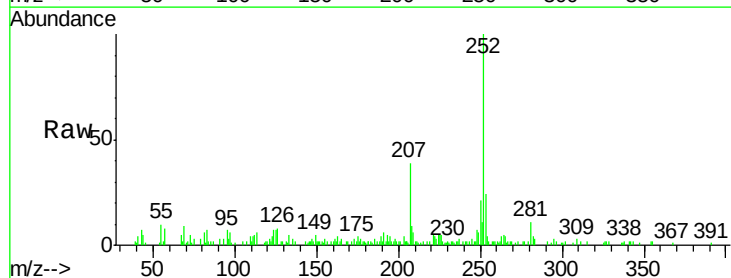
Tgt Ion:252 Resp: 31304

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 7.1 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

