

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
 Data File : BG027030.D
 Acq On : 19 May 2017 8:27
 Operator : SJ/MA
 Sample : I3136-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC24

Quant Time: May 19 10:40:32 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration

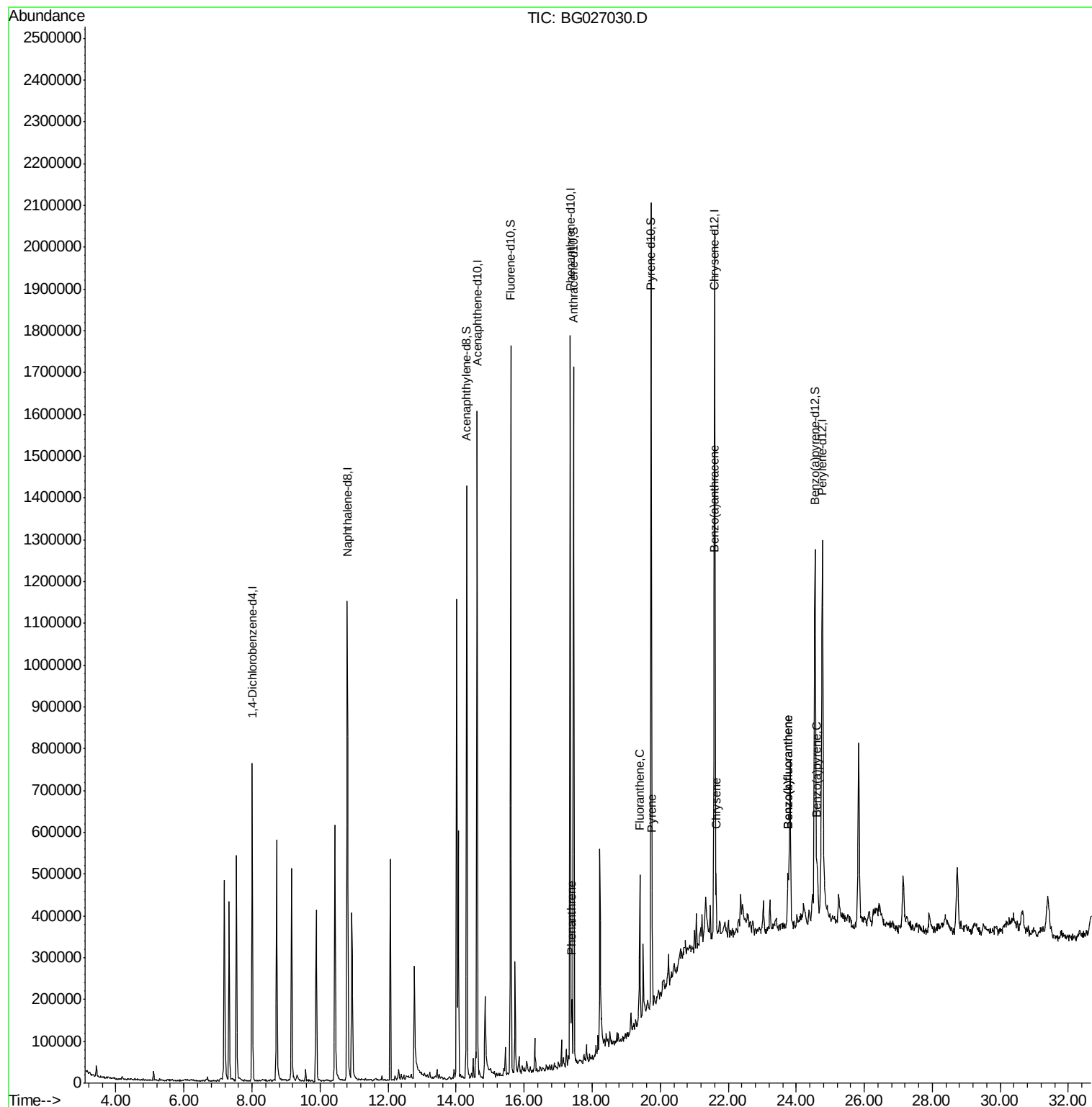
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	227713	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1051434	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	556513	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1016930	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	911917	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	918601	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1085776	19.02	ng/ul	0.00
10) Fluorene-d10	15.60	176	687431	18.05	ng/ul	0.00
14) Anthracene-d10	17.45	188	942191	19.00	ng/ul	0.00
18) Pyrene-d10	19.73	212	893825	18.77	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	837418	18.35	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.39	178	90143	1.59	ng/ul	Qvalue 98
16) Fluoranthene	19.40	202	193106	3.32	ng/ul#	90
19) Pyrene	19.76	202	157624	2.64	ng/ul#	91
20) Benzo(a)anthracene	21.58	228	99303	1.81	ng/ul	97
21) Chrysene	21.64	228	93362	1.85	ng/ul	95
23) Benzo(b)fluoranthene	23.76	252	139603	2.56	ng/ul#	89
24) Benzo(k)fluoranthene	23.76	252	139603	2.49	ng/ul#	89
26) Benzo(a)pyrene	24.62	252	78125	1.46	ng/ul#	86

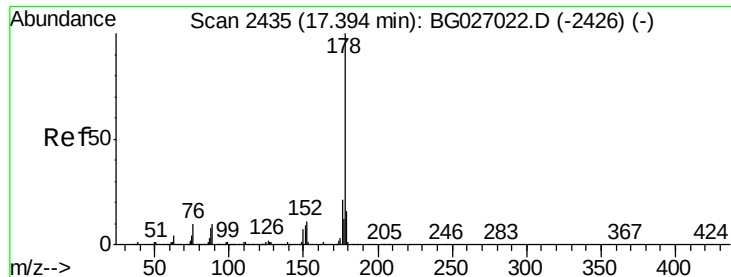
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.59 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027030.D

Acq: 19 May 2017 8:27

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BNA_G

ClientSampleId :

DAC24

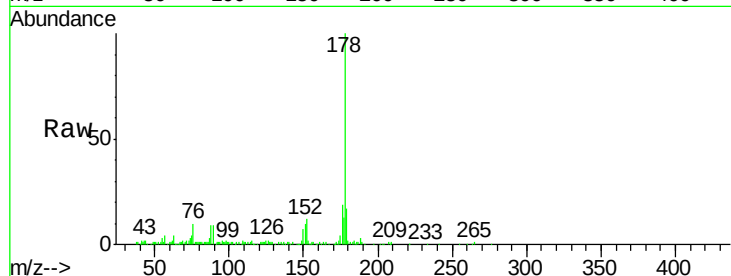
Tgt Ion:178 Resp: 90143

Ion Ratio Lower Upper

178 100

179 16.8 12.3 18.5

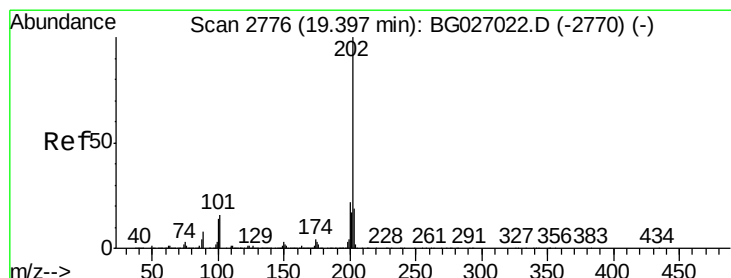
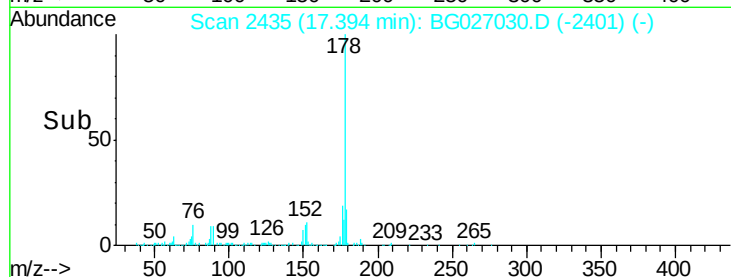
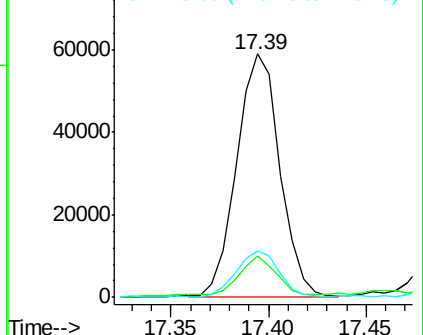
176 19.1 15.1 22.7



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

Fluoranthene

Concen: 3.32 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG027030.D

Acq: 19 May 2017 8:27

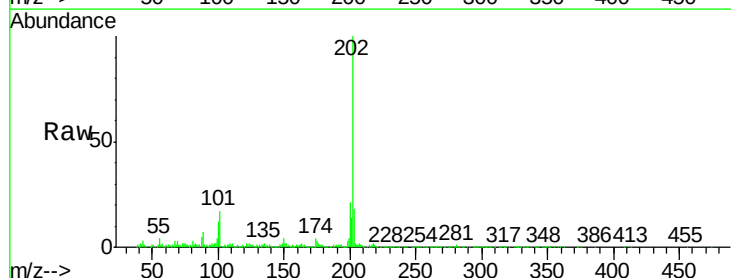
Tgt Ion:202 Resp: 193106

Ion Ratio Lower Upper

202 100

101 16.7 9.9 14.9#

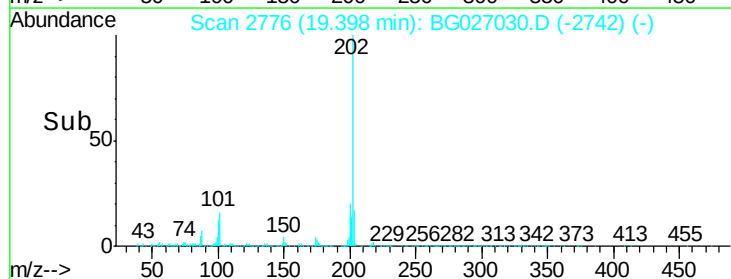
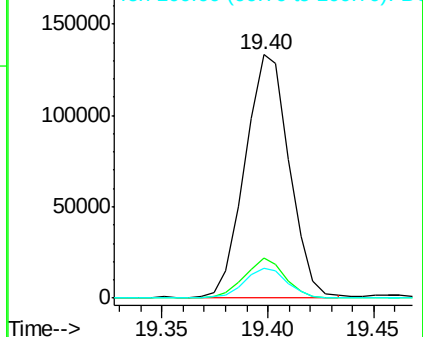
100 12.3 7.4 11.0#

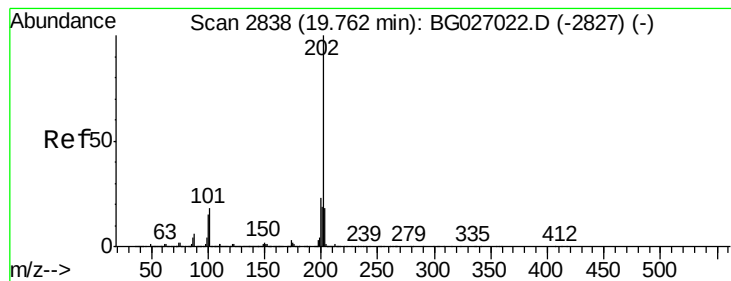


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 2.64 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG027030.D

Acq: 19 May 2017 8:27

Instrument :

BNA_G

ClientSampled :

DAC24

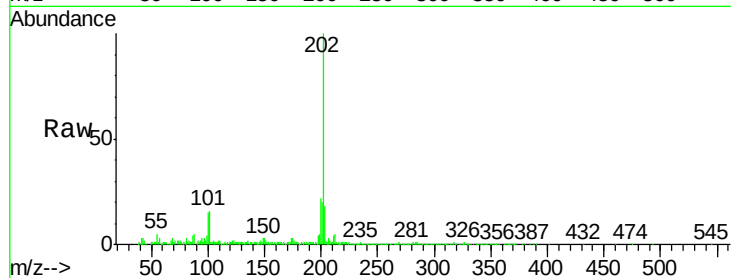
Tgt Ion:202 Resp: 157624

Ion Ratio Lower Upper

202 100

101 16.3 11.0 16.4

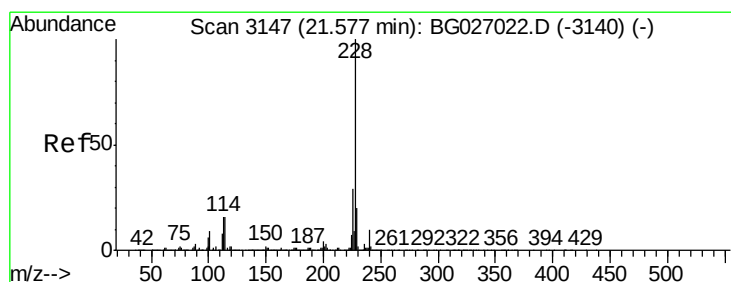
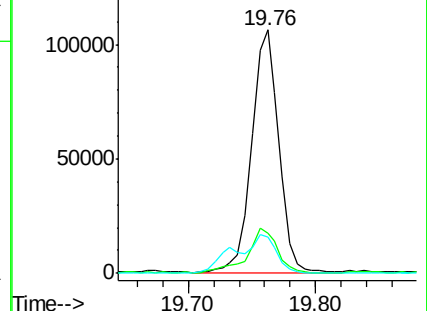
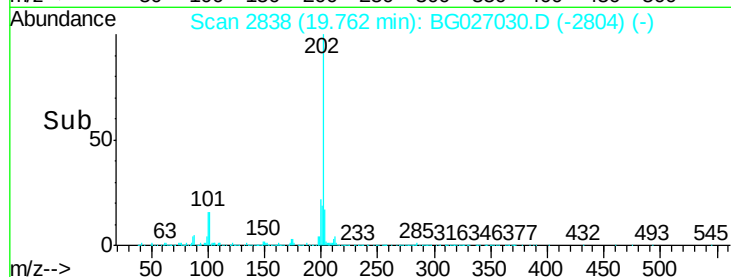
100 15.1 8.1 12.1#



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

Benzo(a)anthracene

Concen: 1.81 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG027030.D

Acq: 19 May 2017 8:27

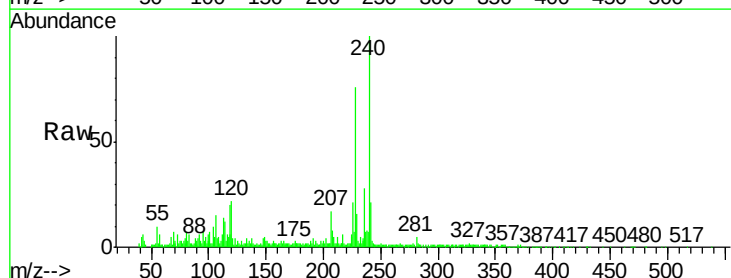
Tgt Ion:228 Resp: 99303

Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

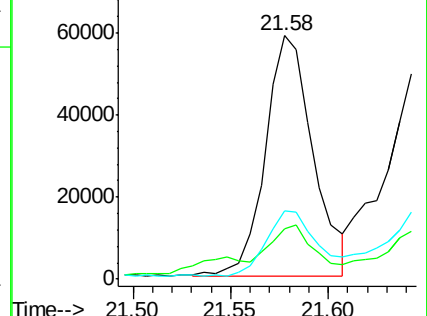
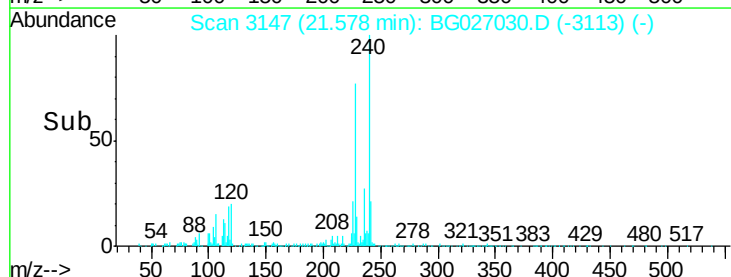
226 28.0 21.1 31.7

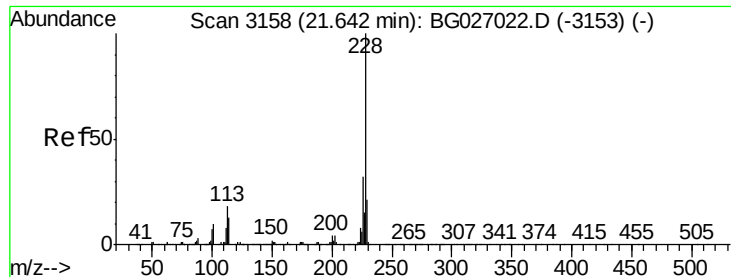


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.85 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG027030.D

Acq: 19 May 2017 8:27

Instrument :

BNA_G

ClientSampleId :

DAC24

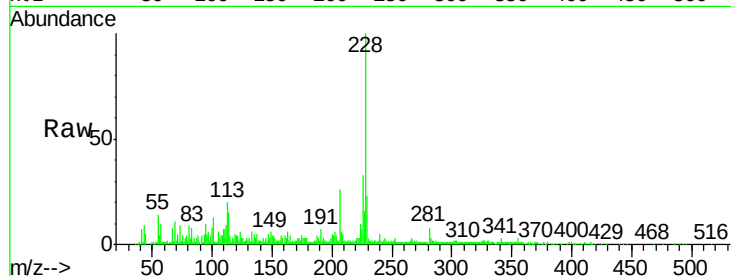
Tgt Ion:228 Resp: 93362

Ion Ratio Lower Upper

228 100

226 32.7 24.5 36.7

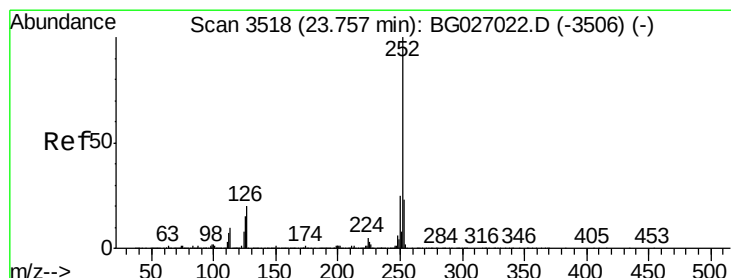
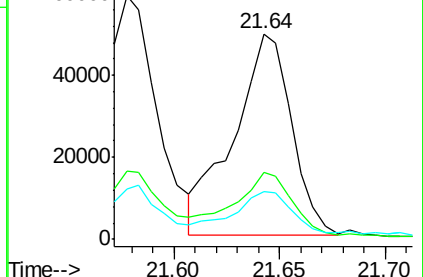
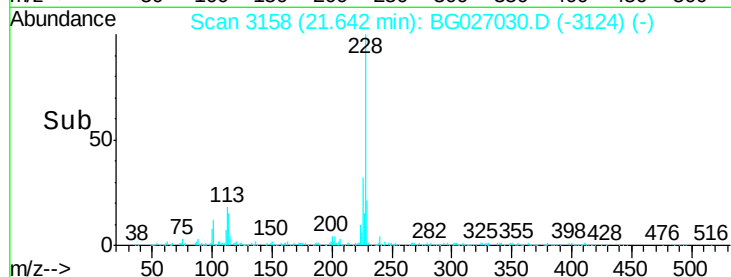
229 23.0 15.8 23.8



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



#23

Benzo(b)fluoranthene

Concen: 2.56 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG027030.D

Acq: 19 May 2017 8:27

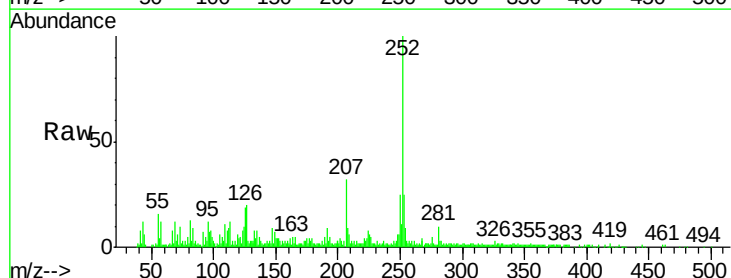
Tgt Ion:252 Resp: 139603

Ion Ratio Lower Upper

252 100

253 25.4 18.0 27.0

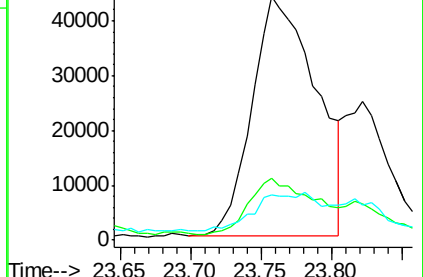
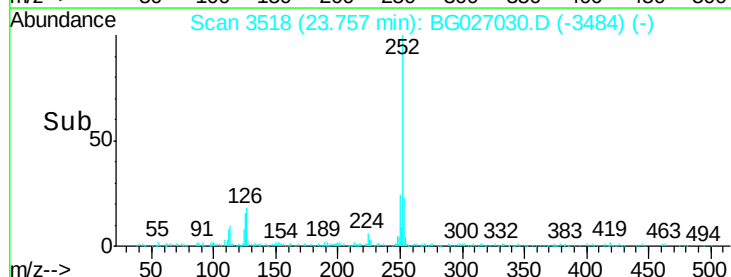
125 18.7 8.0 12.0#

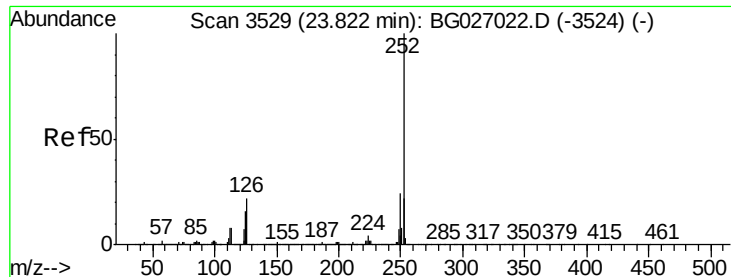


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 2.49 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. -0.06 min

Lab File: BG027030.D

Acq: 19 May 2017 8:27

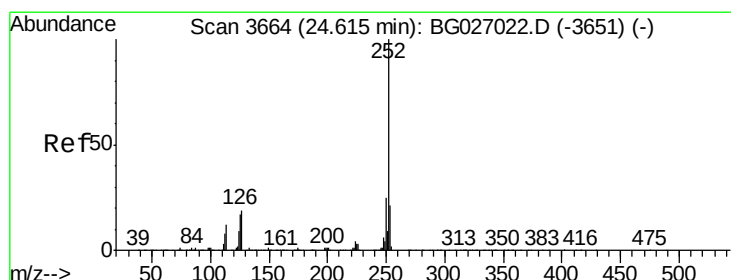
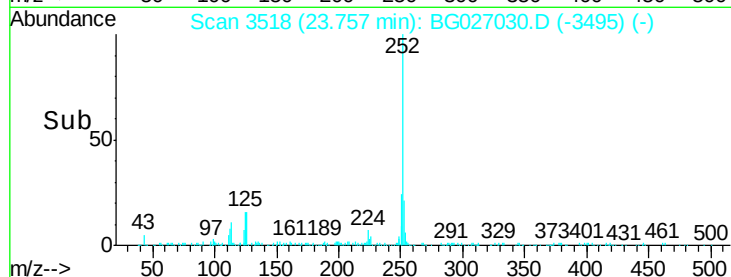
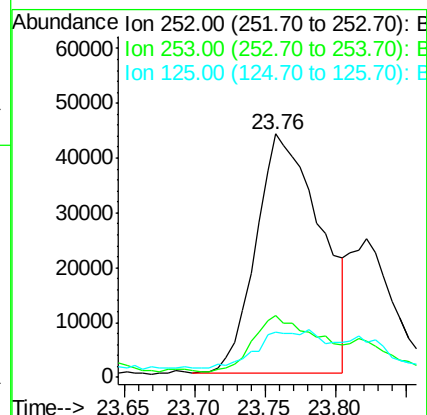
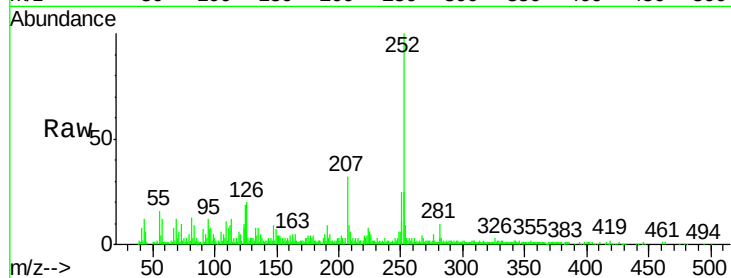
Instrument :

BNA_G

ClientSampleId :

DAC24

Tgt Ion:	252	Resp:	139603
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.0	27.0
125	18.7	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 1.46 ng/ul

RT: 24.62 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BG027030.D

Acq: 19 May 2017 8:27

Tgt Ion:	252	Resp:	78125
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.2	25.8
125	19.1	8.2	12.4#

