

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027013.D
 Acq On : 18 May 2017 21:14
 Operator : SJ/MA
 Sample : I3136-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC20

Quant Time: May 19 03:20:22 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 03:12:01 2017
 Response via : Initial Calibration

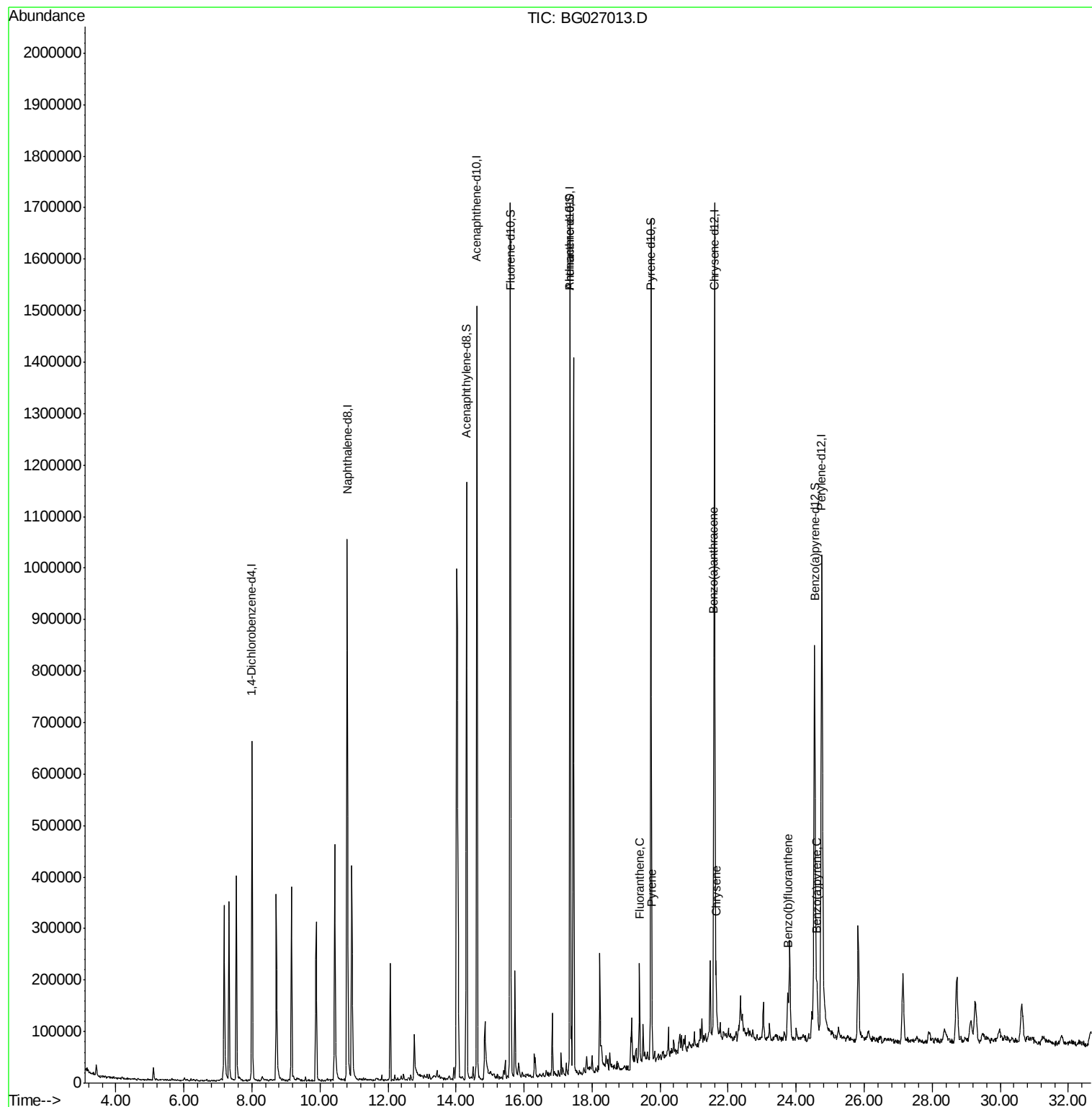
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	205497	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	980838	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.61	164	525257	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	977969	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	885208	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	932315	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	875202	16.24	ng/ul	0.00
10) Fluorene-d10	15.60	176	558804	15.55	ng/ul	0.00
14) Anthracene-d10	17.35	188	977969	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	758810	16.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	736068	15.89	ng/ul	0.00
Target Compounds						
16) Fluoranthene	19.40	202	102553	1.83	ng/ul#	95
19) Pyrene	19.76	202	94244	1.63	ng/ul#	86
20) Benzo(a)anthracene	21.57	228	55227	1.04	ng/ul	94
21) Chrysene	21.64	228	65614	1.34	ng/ul	95
23) Benzo(b)fluoranthene	23.75	252	100323	1.81	ng/ul#	91
26) Benzo(a)pyrene	24.61	252	58031	1.07	ng/ul#	92

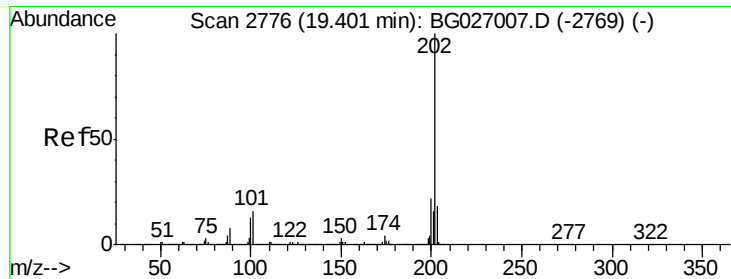
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 03:12:01 2017
Response via : Initial Calibration





#16

Fluoranthene

Concen: 1.83 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG027013.D

Acq: 18 May 2017 21:14

Instrument :

BNA_G

ClientSampleId :

DAC20

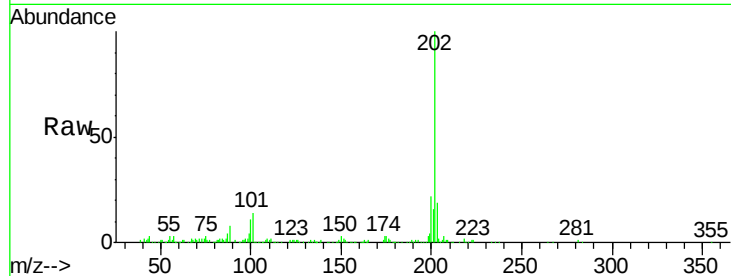
Tgt Ion:202 Resp: 102553

Ion Ratio Lower Upper

202 100

101 13.9 9.9 14.9

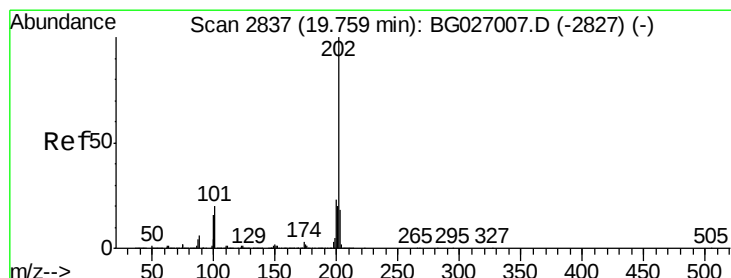
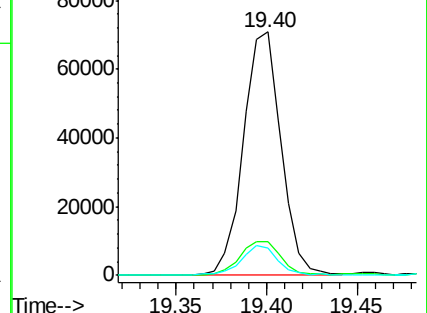
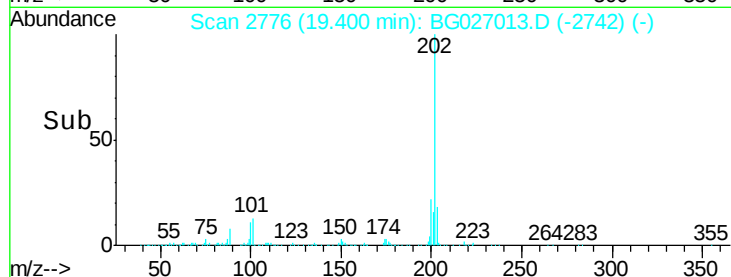
100 11.2 7.4 11.0#



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: 1.63 ng/ul

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG027013.D

Acq: 18 May 2017 21:14

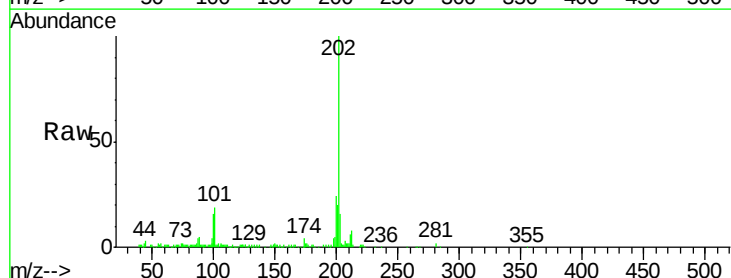
Tgt Ion:202 Resp: 94244

Ion Ratio Lower Upper

202 100

101 18.8 11.0 16.4#

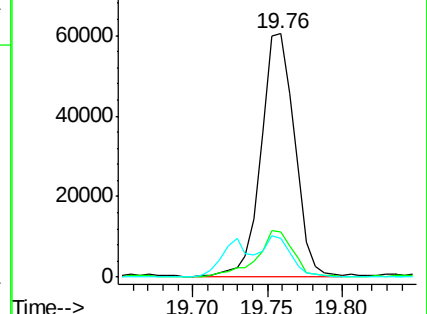
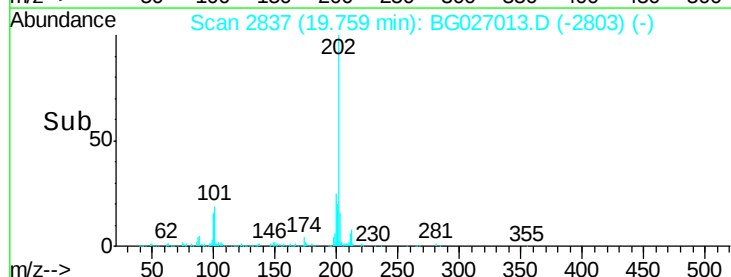
100 15.9 8.1 12.1#

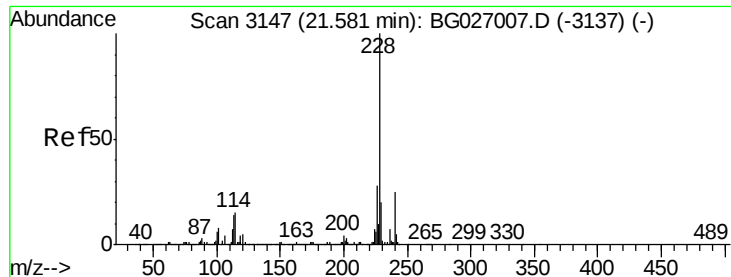


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 1.04 ng/ul

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG027013.D

Acq: 18 May 2017 21:14

Instrument :

BNA_G

ClientSampleId :

DAC20

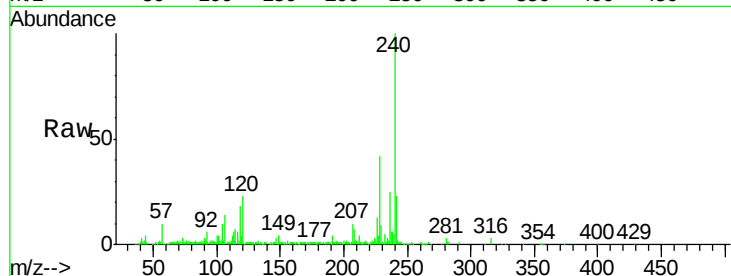
Tgt Ion:228 Resp: 55227

Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

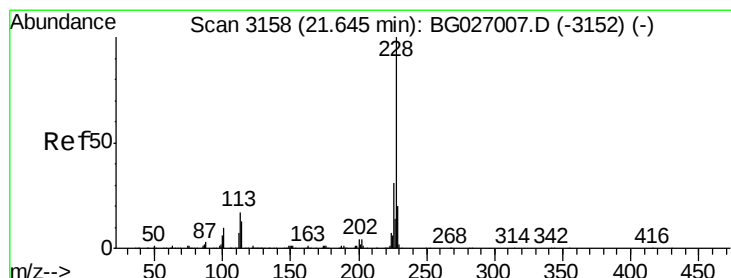
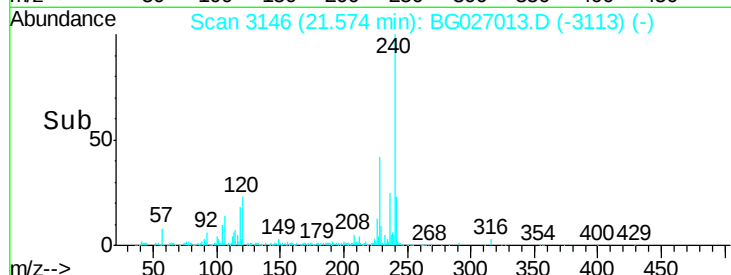
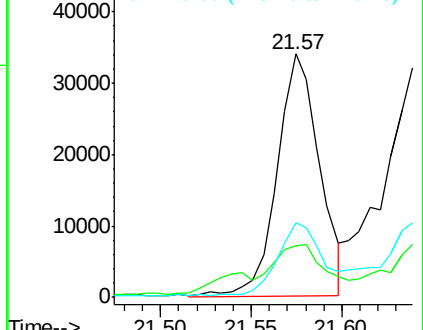
226 30.6 21.1 31.7



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: 1.34 ng/ul

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG027013.D

Acq: 18 May 2017 21:14

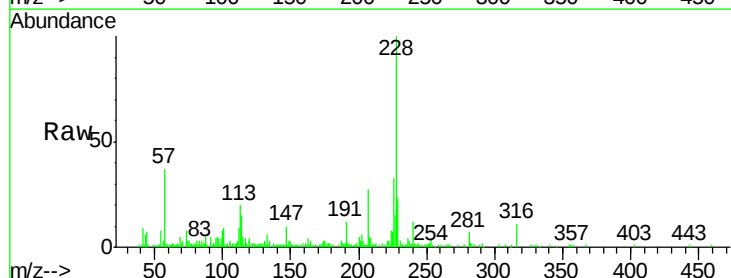
Tgt Ion:228 Resp: 65614

Ion Ratio Lower Upper

228 100

226 32.6 24.5 36.7

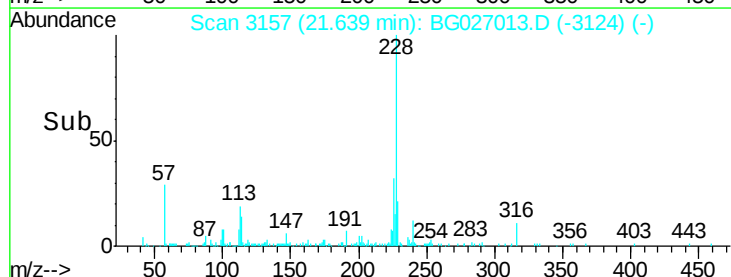
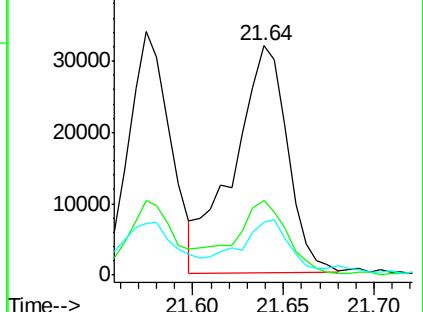
229 22.9 15.8 23.8

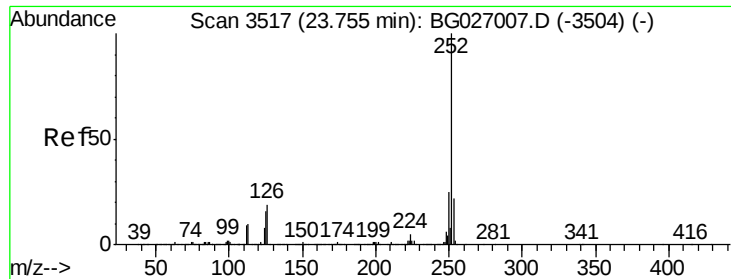


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

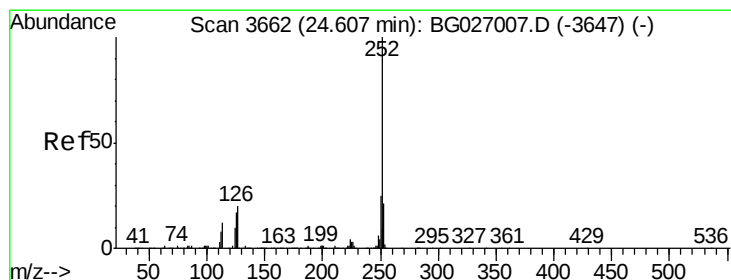
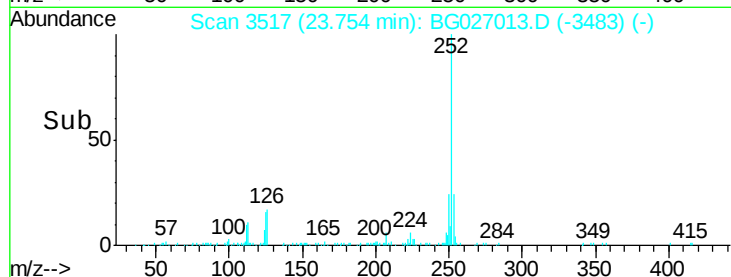
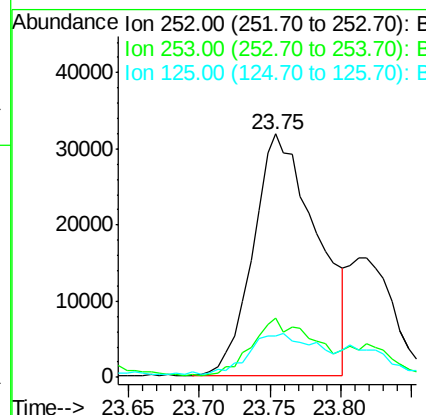
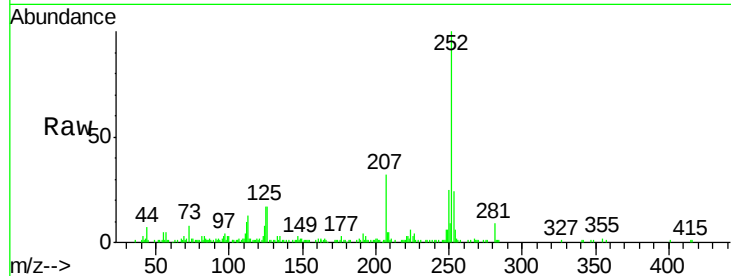




#23
Benzo(b)fluoranthene
Concen: 1.81 ng/ul
RT: 23.75 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG027013.D
Acq: 18 May 2017 21:14

Instrument :
BNA_G
ClientSampleId :
DAC20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	17.2	8.0	12.0#



#26
Benzo(a)pyrene
Concen: 1.07 ng/ul
RT: 24.61 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG027013.D
Acq: 18 May 2017 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	13.8	8.2	12.4#

