

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
 Data File : BG026151.D
 Acq On : 9 Mar 2017 16:00
 Operator : SJ/MA
 Sample : I2069-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG7

Quant Time: Mar 15 05:49:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 05:48:36 2017
 Response via : Initial Calibration

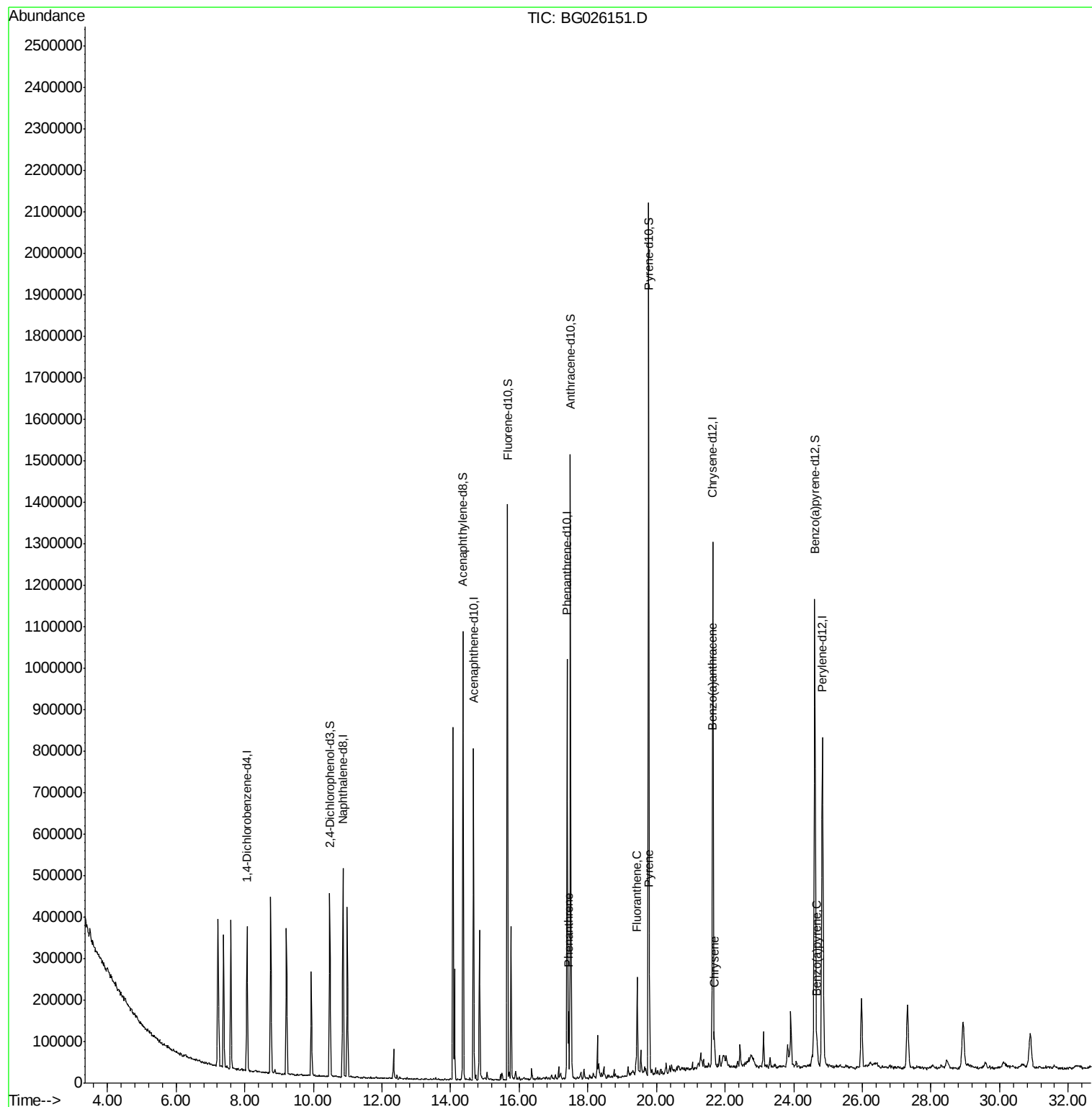
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	104069	20.00	ng/ul	0.00
2) Naphthalene-d8	10.87	136	459848	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	269182	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	645802	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	745314	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	734618	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	189016	27.75	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	814351	35.48	ng/ul	0.00
10) Fluorene-d10	15.65	176	599271	35.79	ng/ul	0.00
15) Anthracene-d10	17.49	188	918357	32.00	ng/ul	0.00
19) Pyrene-d10	19.77	212	1113149	29.27	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	1116691	35.25	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	107037	3.13	ng/ul	97
17) Fluoranthene	19.44	202	137058	3.86	ng/ul#	97
20) Pyrene	19.80	202	117124	2.47	ng/ul	98
21) Benzo(a)anthracene	21.62	228	60782	1.47	ng/ul	97
22) Chrysene	21.69	228	54182	1.40	ng/ul	99
27) Benzo(a)pyrene	24.68	252	46674	1.20	ng/ul	94

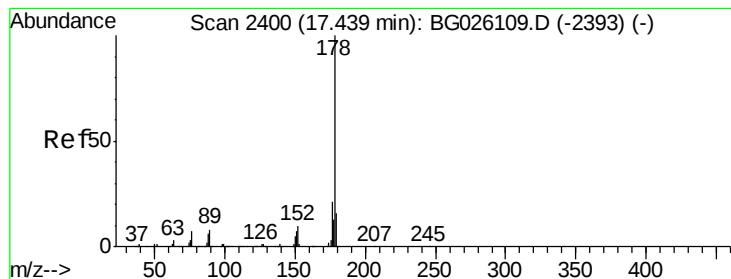
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 3.13 ng/ul

RT: 17.44 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BG026151.D

Acq: 9 Mar 2017 16:00

Instrument :

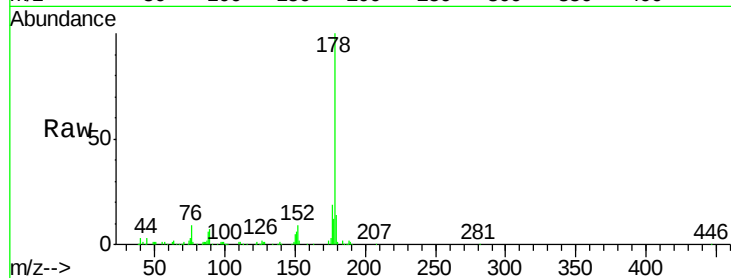
BNA_G

ClientSampleId :

C0AG7

Tot Ion:178 Resp: 107037

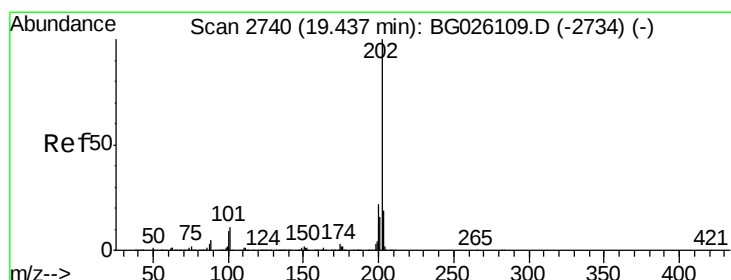
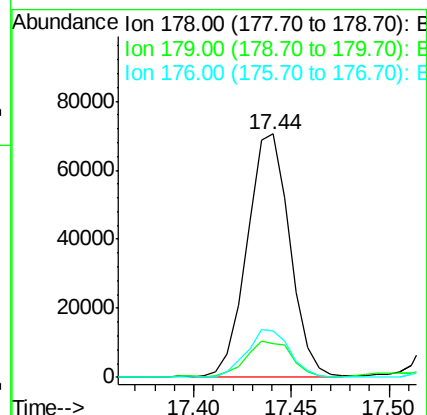
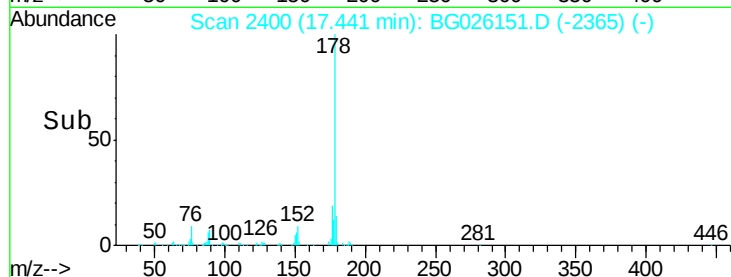
Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.2	18.4
176	19.1	16.4	24.6



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: 3.86 ng/ul

RT: 19.44 min Scan# 2740

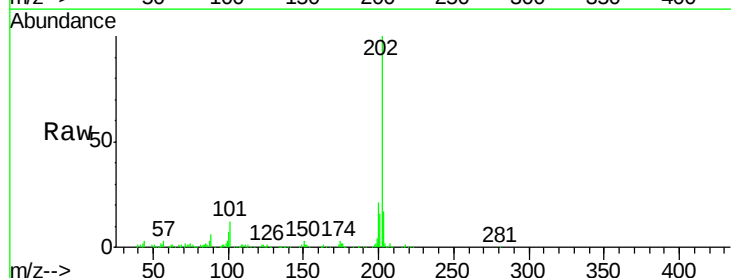
Delta R.T. -0.00 min

Lab File: BG026151.D

Acq: 9 Mar 2017 16:00

Tgt Ion:202 Resp: 137058

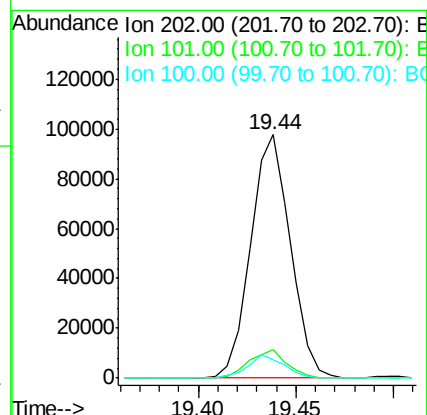
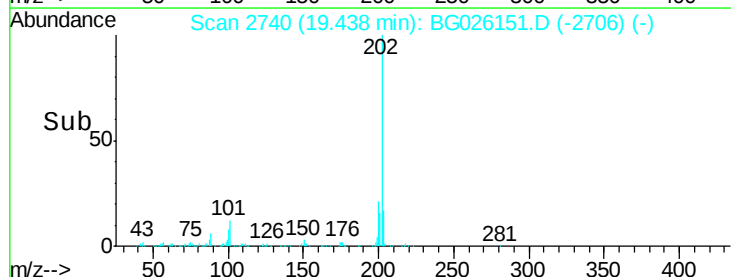
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.8
100	7.5	7.5	11.3#

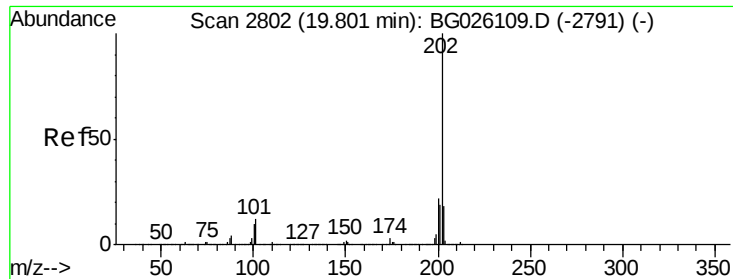


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

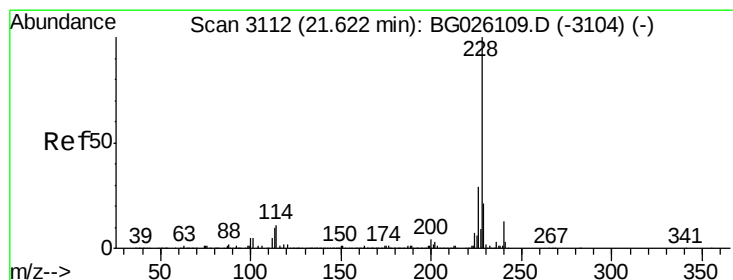
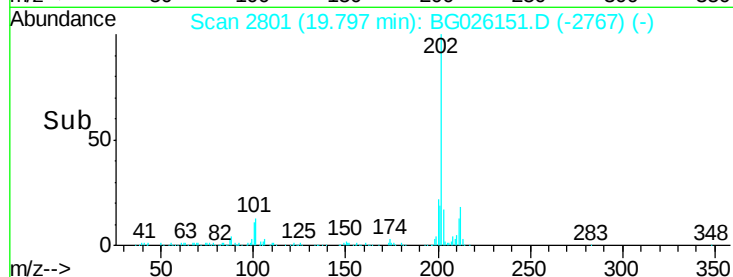
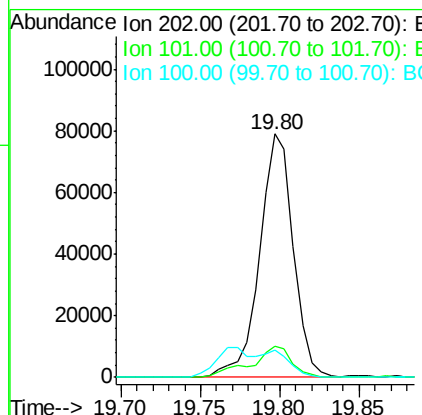
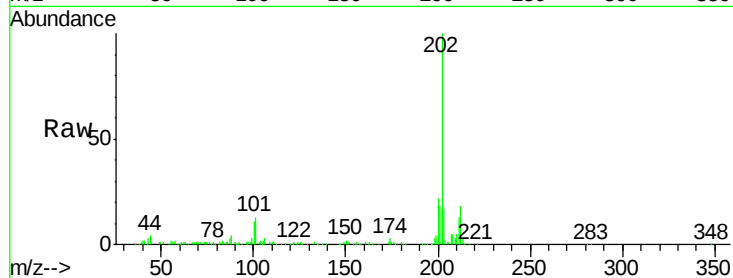




#20
Pvrene
Concen: 2.47 ng/ul
RT: 19.80 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BG026151.D
Acq: 9 Mar 2017 16:00

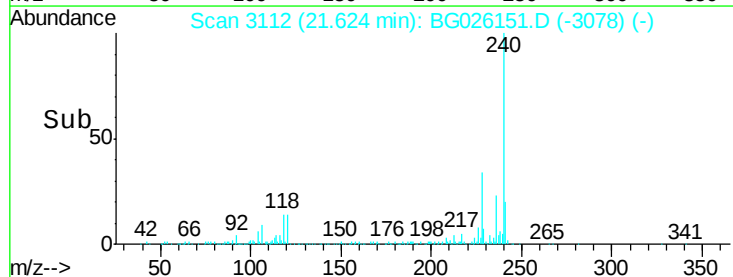
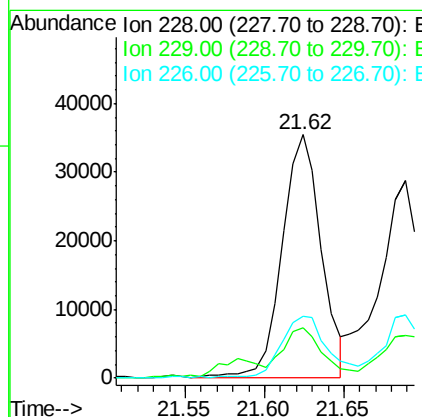
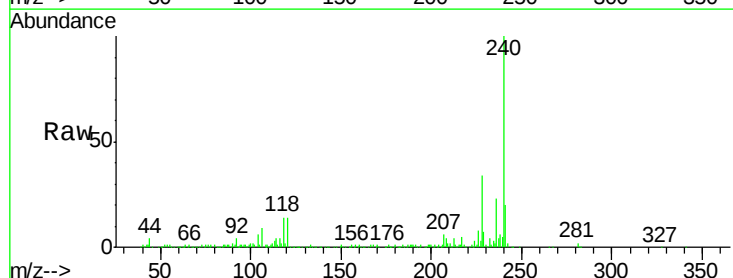
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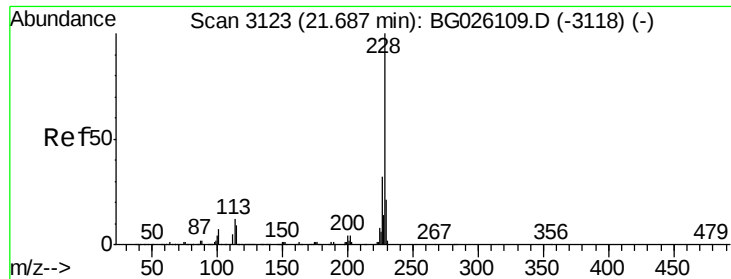
Tot Ion:202 Resp: 117124
Ion Ratio Lower Upper
202 100
101 12.9 11.2 16.8
100 11.3 9.8 14.6



#21
Benzo(a)anthracene
Concen: 1.47 ng/ul
RT: 21.62 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG026151.D
Acq: 9 Mar 2017 16:00

Tgt Ion:228 Resp: 60782
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 25.3 22.1 33.1





#22

Chrysene

Concen: 1.40 ng/ul

RT: 21.69 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG026151.D

Acq: 9 Mar 2017 16:00

Instrument :

BNA_G

ClientSampleId :

C0AG7

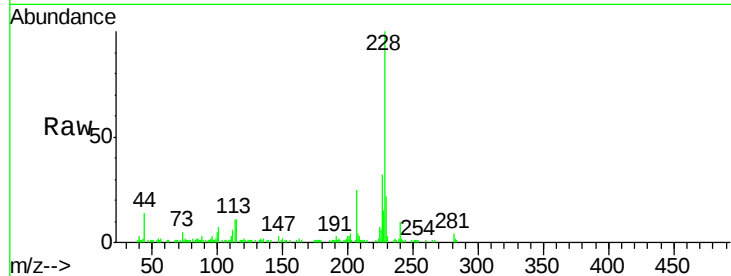
Tot Ion:228 Resp: 54182

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

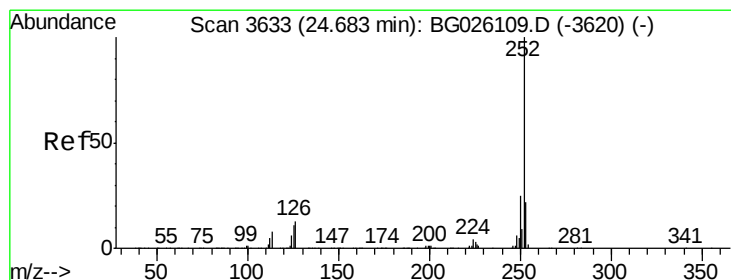
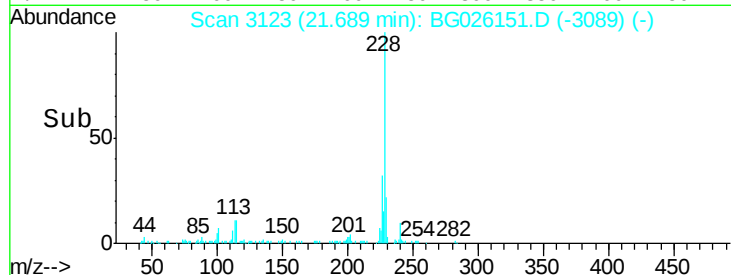
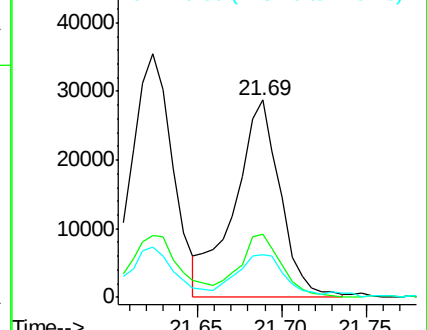
229 21.7 16.6 25.0



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



#27

Benzo(a)pyrene

Concen: 1.20 ng/ul

RT: 24.68 min Scan# 3632

Delta R.T. -0.01 min

Lab File: BG026151.D

Acq: 9 Mar 2017 16:00

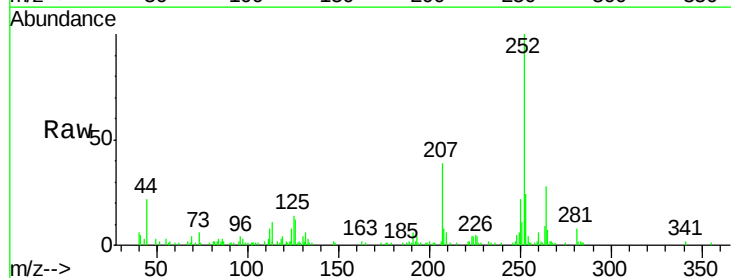
Tgt Ion:252 Resp: 46674

Ion Ratio Lower Upper

252 100

253 24.4 17.1 25.7

125 13.7 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

