

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
 Data File : BG025915.D
 Acq On : 21 Feb 2017 21:48
 Operator : SJ/MA
 Sample : I1900-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABE5

Quant Time: Feb 21 23:49:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 21 23:44:02 2017
 Response via : Initial Calibration

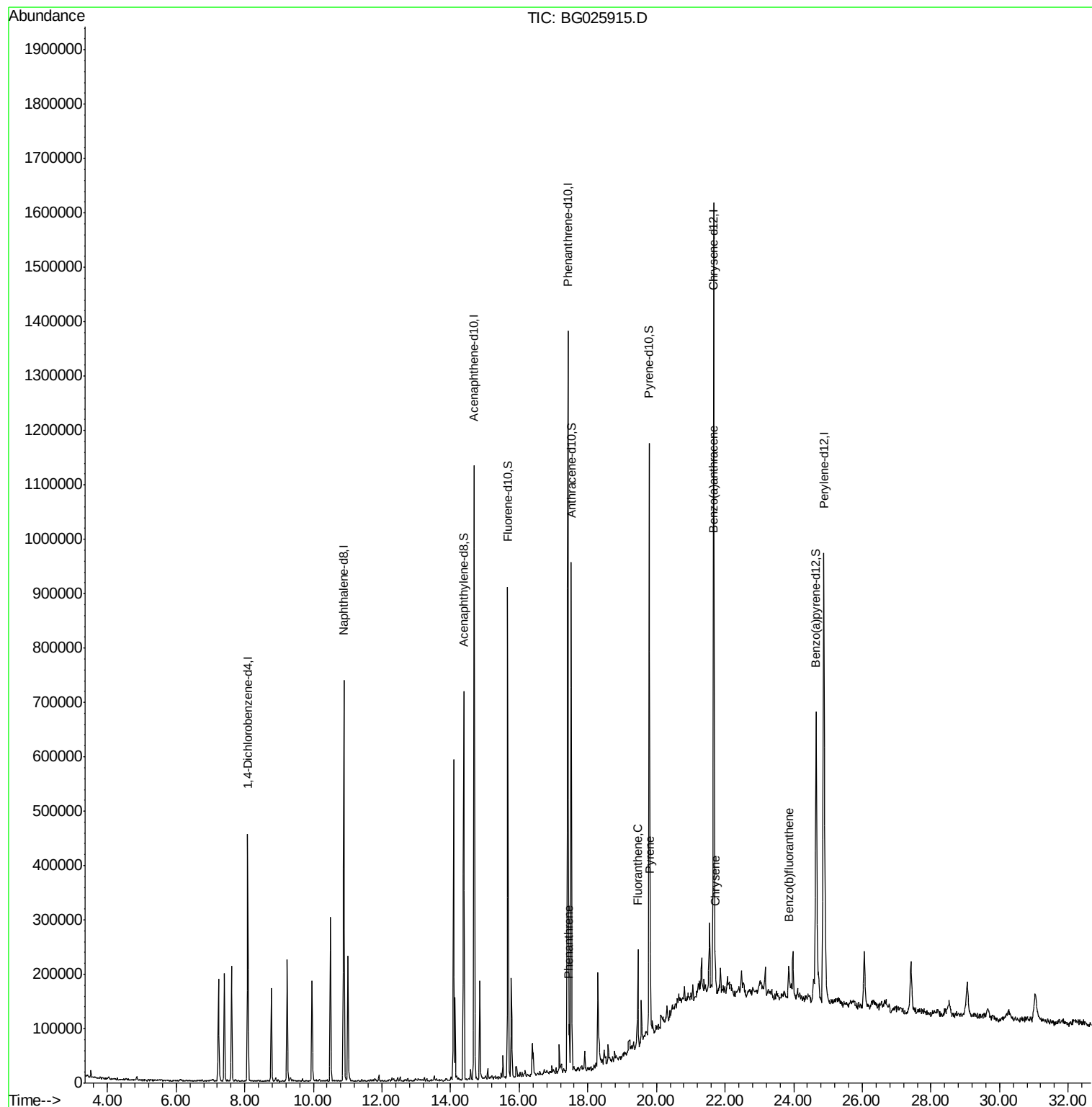
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	128565	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	630541	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	389411	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	832827	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	835957	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	812806	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	515687	15.99	ng/ul	0.00
10) Fluorene-d10	15.67	176	380763	15.38	ng/ul	0.00
14) Anthracene-d10	17.51	188	542009	14.40	ng/ul	0.00
18) Pyrene-d10	19.79	212	560488	13.91	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.66	264	520457	14.47	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.46	178	54157	1.22	ng/ul	Ovalue 97
16) Fluoranthene	19.46	202	97795	2.00	ng/ul	97
19) Pyrene	19.82	202	80527	1.59	ng/ul	98
20) Benzo(a)anthracene	21.65	228	48628	1.03	ng/ul#	94
21) Chrysene	21.71	228	52714	1.17	ng/ul#	95
23) Benzo(b)fluoranthene	23.86	252	74067	1.58	ng/ul#	94

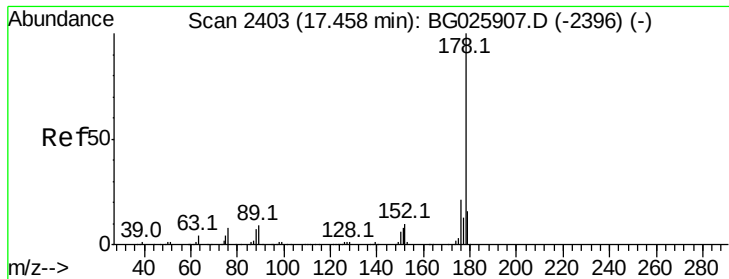
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.22 ng/ul

RT: 17.46 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG025915.D

Acq: 21 Feb 2017 21:48

Instrument :

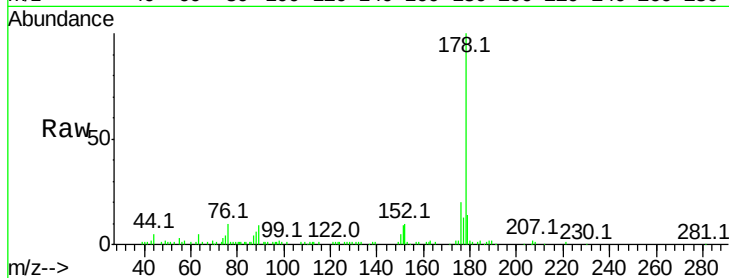
BNA_G

ClientSampleId :

DABE5

Tot Ion:178 Resp: 54157

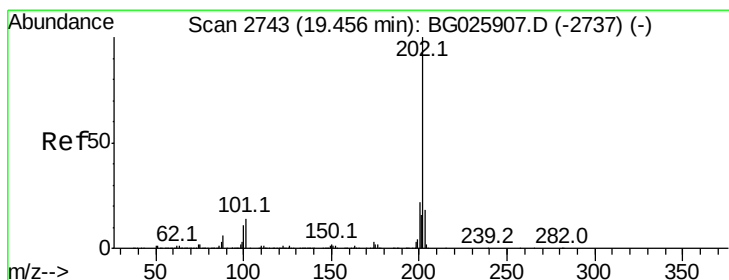
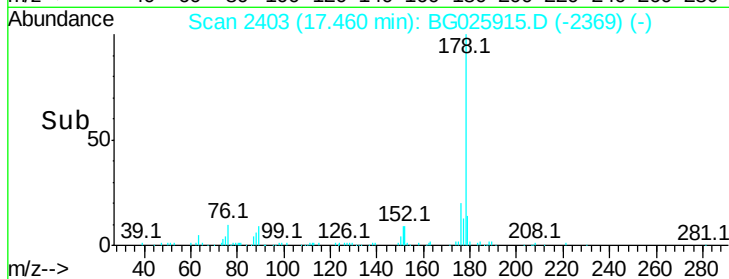
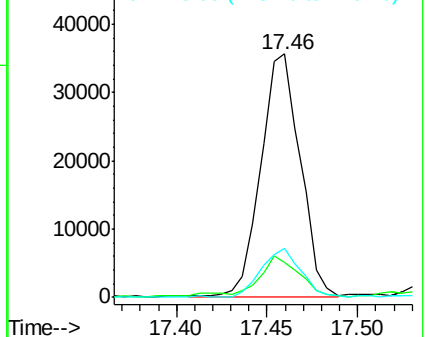
Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.3	18.5
176	20.1	15.1	22.7



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: 2.00 ng/ul

RT: 19.46 min Scan# 2743

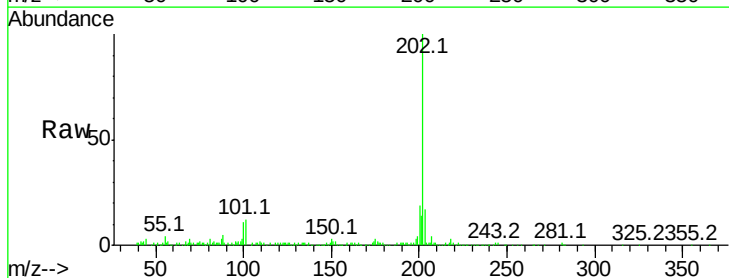
Delta R.T. 0.00 min

Lab File: BG025915.D

Acq: 21 Feb 2017 21:48

Tgt Ion:202 Resp: 97795

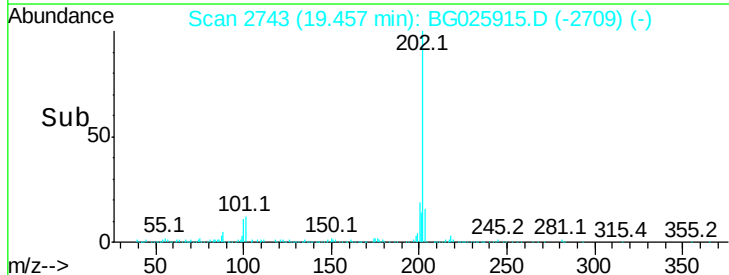
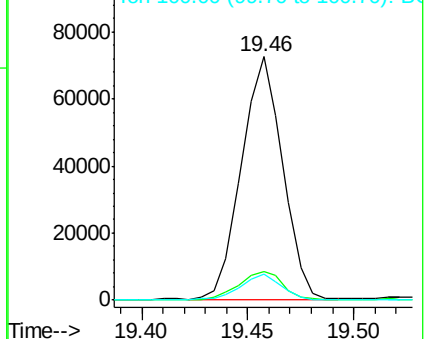
Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.9	14.9
100	10.9	7.4	11.0

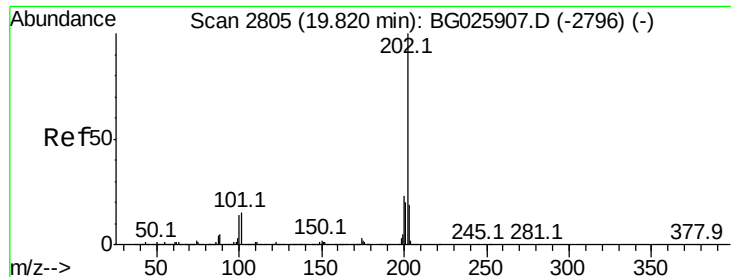


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 1.59 ng/ul

RT: 19.82 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG025915.D

Acq: 21 Feb 2017 21:48

Instrument :

BNA_G

ClientSampleId :

DABE5

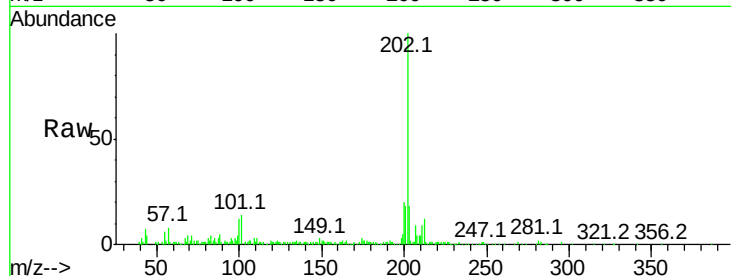
Tot Ion:202 Resp: 80527

Ion Ratio Lower Upper

202 100

101 13.6 11.0 16.4

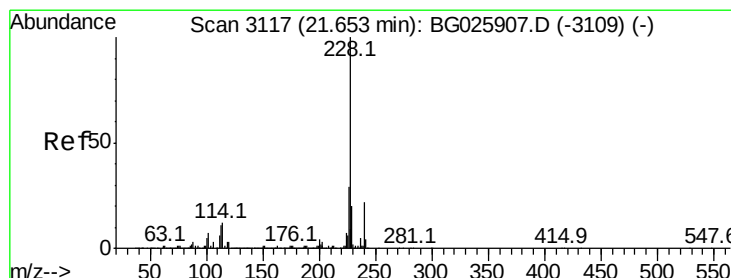
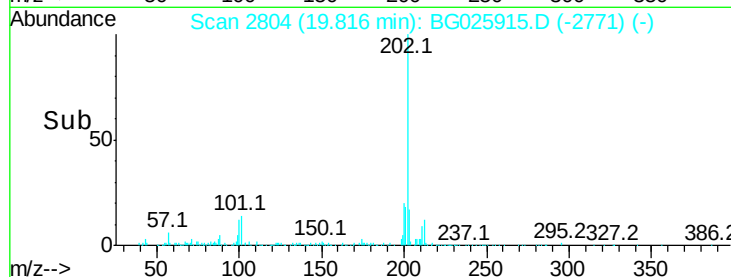
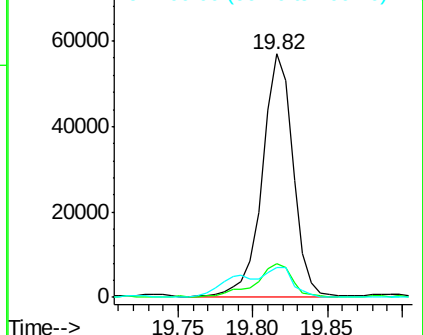
100 12.0 8.1 12.1



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: 1.03 ng/ul

RT: 21.65 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BG025915.D

Acq: 21 Feb 2017 21:48

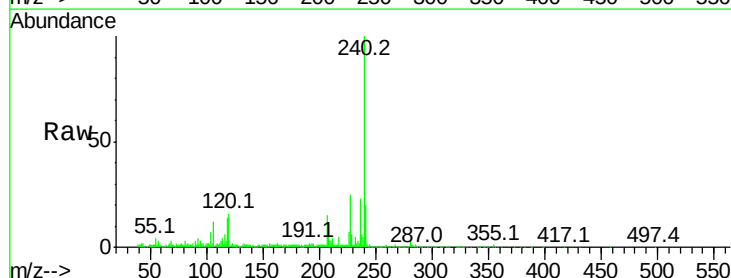
Tgt Ion:228 Resp: 48628

Ion Ratio Lower Upper

228 100

229 25.0 15.7 23.5#

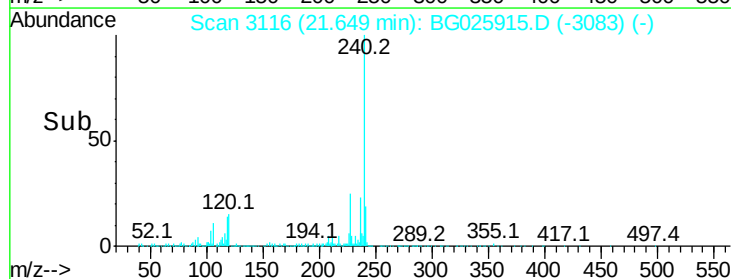
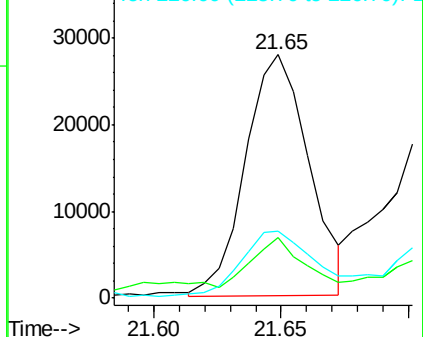
226 27.6 21.1 31.7

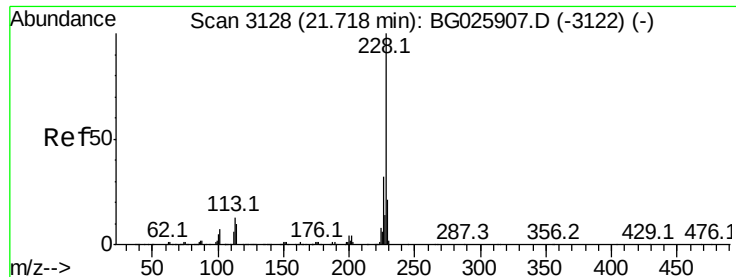


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.17 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG025915.D

Acq: 21 Feb 2017 21:48

Instrument :

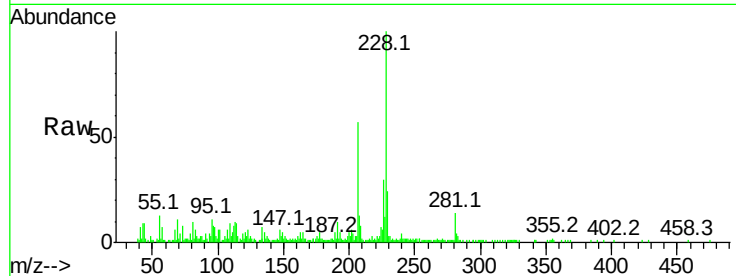
BNA_G

ClientSampleId :

DABE5

Tot Ion:228 Resp: 52714

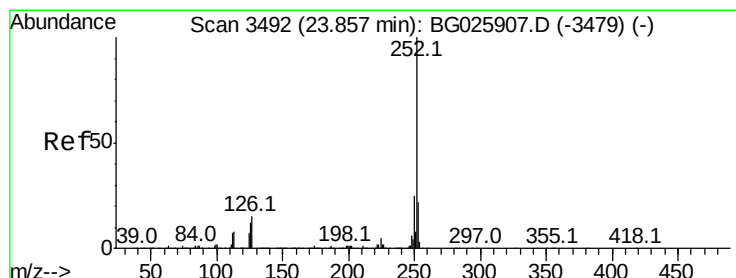
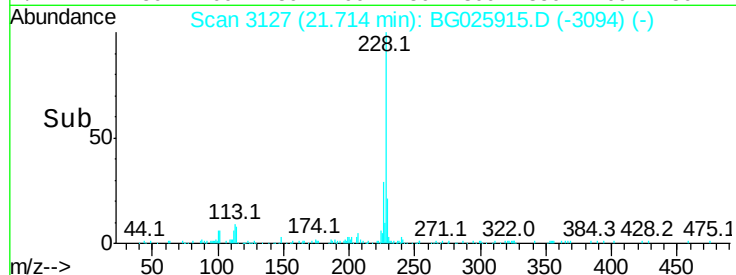
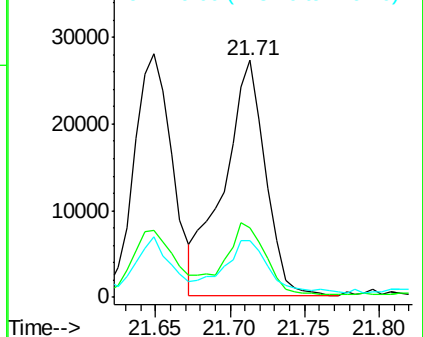
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.5	36.7
229	23.9	15.8	23.8#



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: 1.58 ng/ul

RT: 23.86 min Scan# 3492

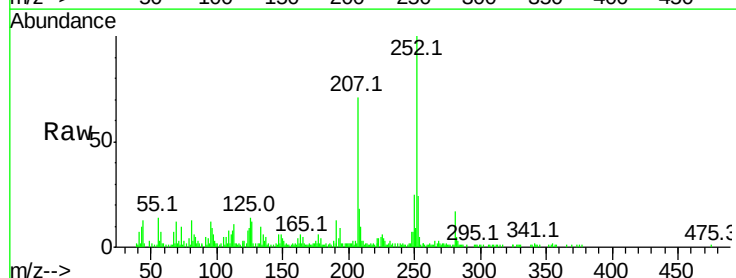
Delta R.T. 0.00 min

Lab File: BG025915.D

Acq: 21 Feb 2017 21:48

Tgt Ion:252 Resp: 74067

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	13.6	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

