

Data File : BG025917.D
Acq On : 21 Feb 2017 23:07
Operator : SJ/MA
Sample : I1900-21MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABE5MSD

Quant Time: Feb 21 23:49:47 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	133264	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	642086	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	396696	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	850661	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	859172	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	829412	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	839733	25.56	ng/ul	0.00
10) Fluorene-d10	15.67	176	618764	24.53	ng/ul	0.00
14) Anthracene-d10	17.51	188	873827	22.72	ng/ul	0.00
18) Pyrene-d10	19.79	212	901239	21.76	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.66	264	841142	22.92	ng/ul	0.00

Target Compounds				Qvalue		
9) Acenaphthene	14.75	153	603810	25.11	ng/ul	95
16) Fluoranthene	19.46	202	92912	1.86	ng/ul#	97
19) Pyrene	19.82	202	1217009	23.41	ng/ul#	95
20) Benzo(a)anthracene	21.65	228	53778	1.11	ng/ul	97
21) Chrysene	21.71	228	56117	1.22	ng/ul	95
23) Benzo(b)fluoranthene	23.86	252	70643	1.47	ng/ul#	95
24) Benzo(k)fluoranthene	23.86	252	70643	1.53	ng/ul#	95
26) Benzo(a)pyrene	24.72	252	46835	1.01	ng/ul#	86

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

Data File : BG025917.D

Acq On : 21 Feb 2017 23:07

Operator : SJ/MA

Sample : I1900-21MSD

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DABE5MSD

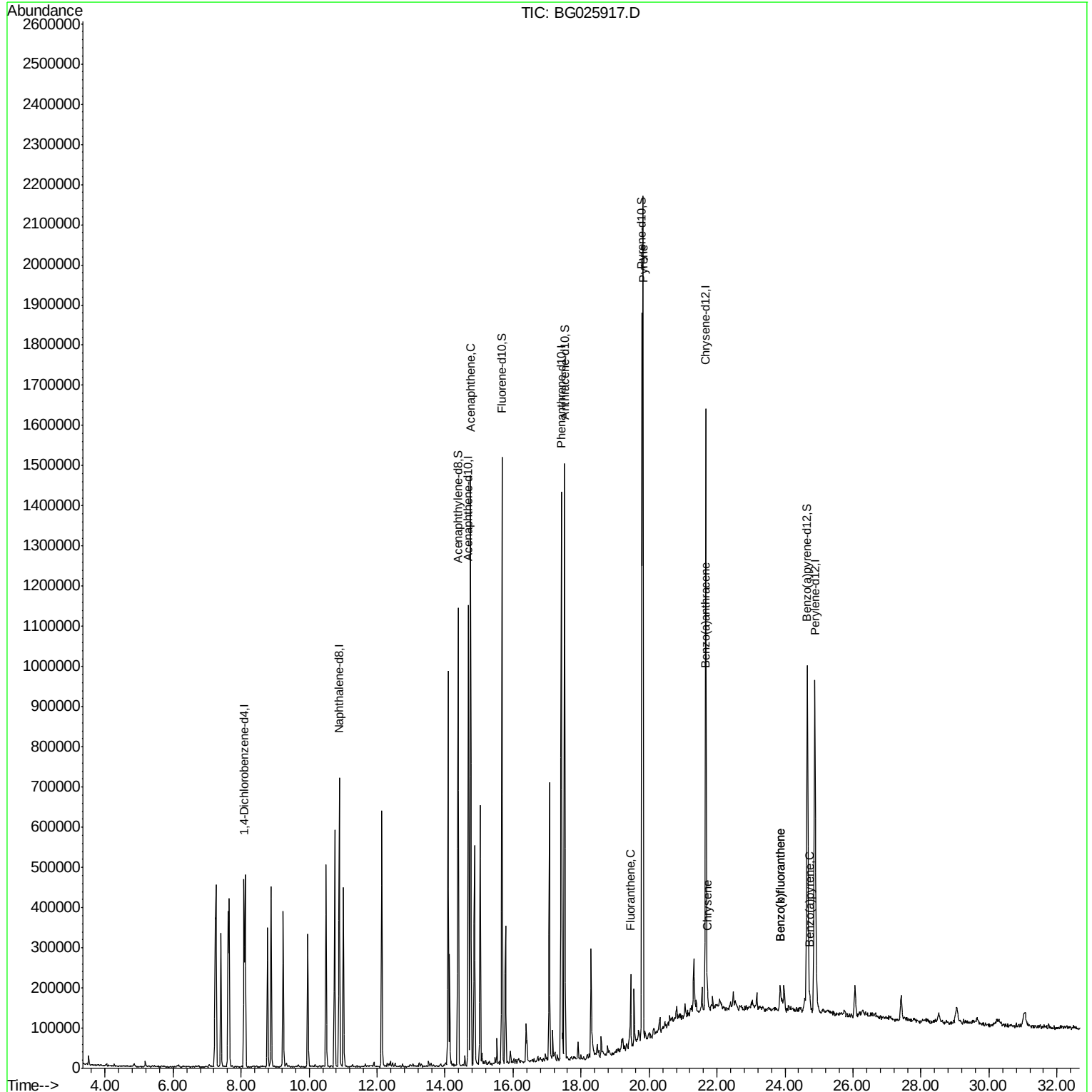
Quant Time: Feb 21 23:49:47 2017

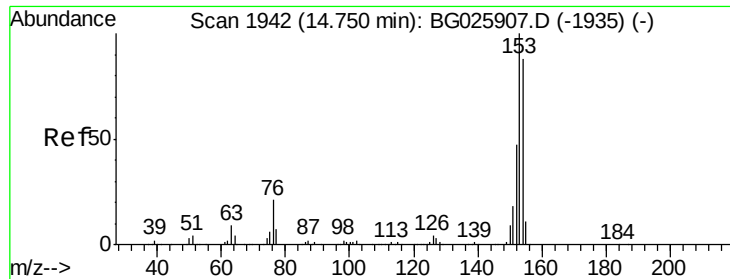
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Feb 21 23:44:02 2017

Response via : Initial Calibration





#9

Acenaphthene

Concen: 25.11 ng/ul

RT: 14.75 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG025917.D

Acq: 21 Feb 2017 23:07

Instrument :

BNA_G

ClientSampleId :

DABE5MSD

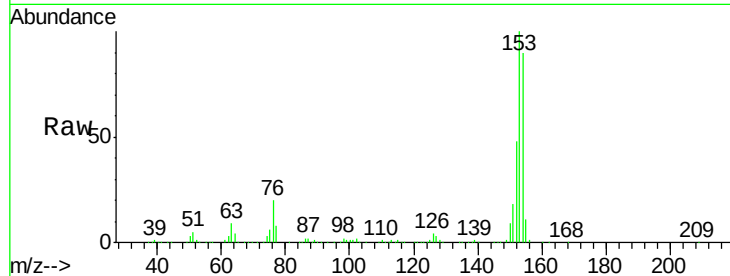
Tgt Ion:153 Resp: 603810

Ion Ratio Lower Upper

153 100

152 47.8 39.0 58.6

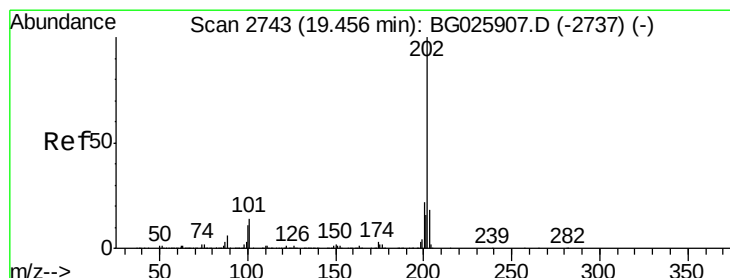
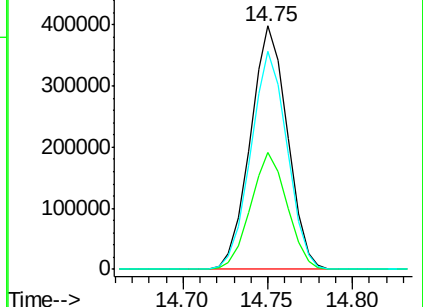
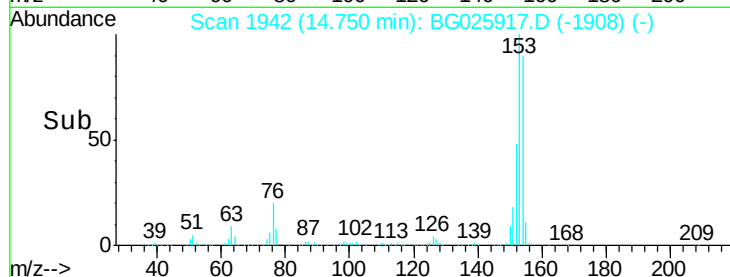
154 89.6 66.8 100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#16

Fluoranthene

Concen: 1.86 ng/ul

RT: 19.46 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BG025917.D

Acq: 21 Feb 2017 23:07

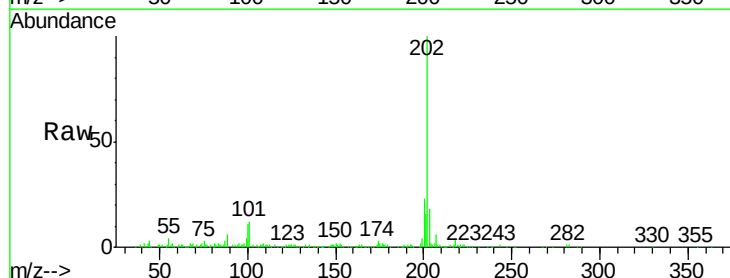
Tgt Ion:202 Resp: 92912

Ion Ratio Lower Upper

202 100

101 12.2 9.9 14.9

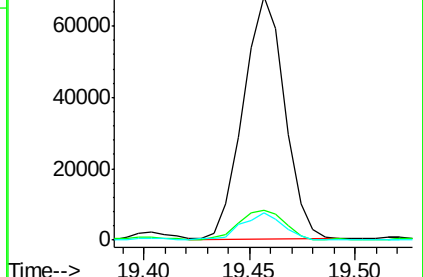
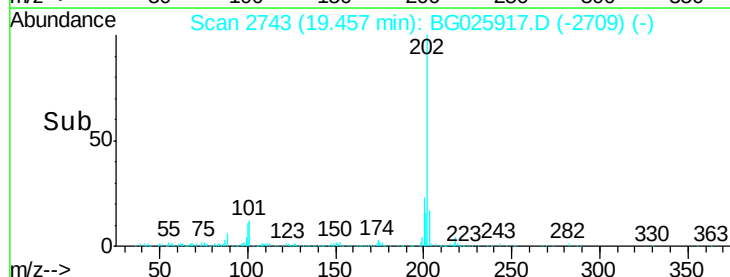
100 11.4 7.4 11.0#

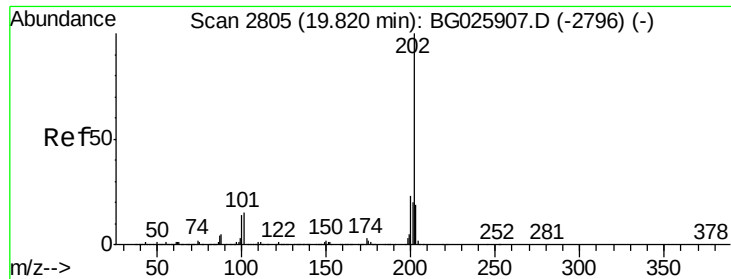


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

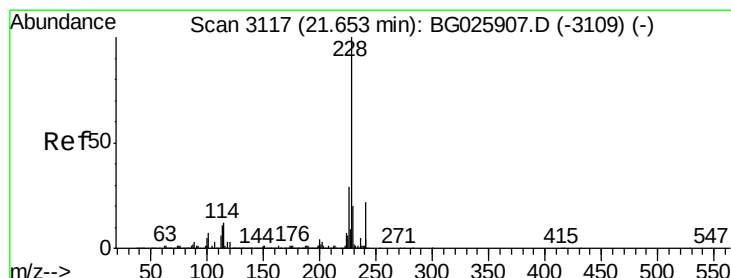
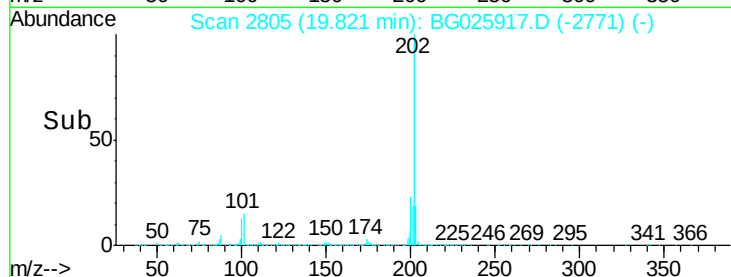
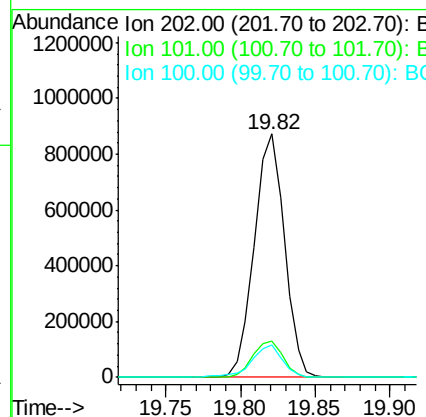
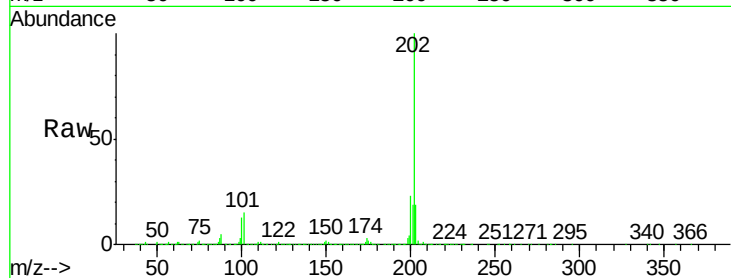




#19
 Pyrene
 Concen: 23.41 ng/ul
 RT: 19.82 min Scan# 2805
 Delta R.T. 0.00 min
 Lab File: BG025917.D
 Acq: 21 Feb 2017 23:07

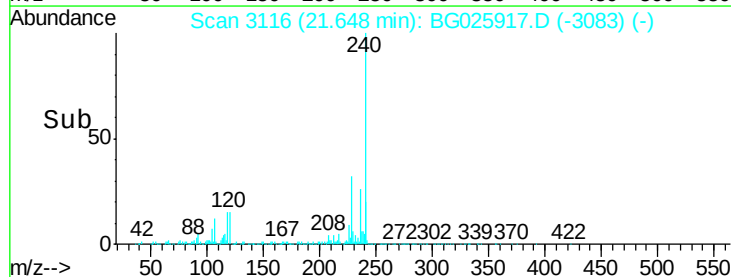
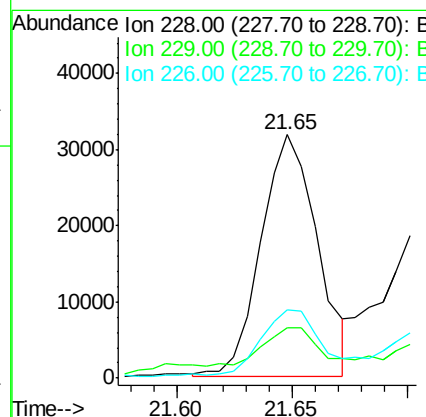
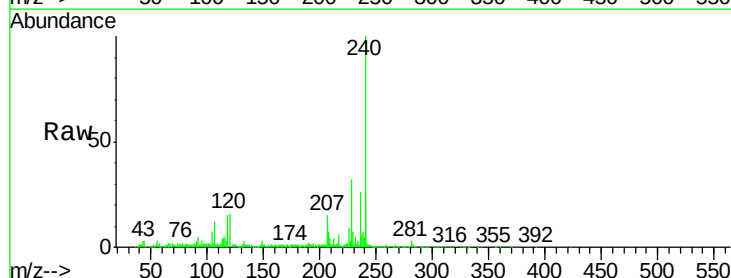
Instrument :
 BNA_G
 ClientSampleId :
 DABE5MSD

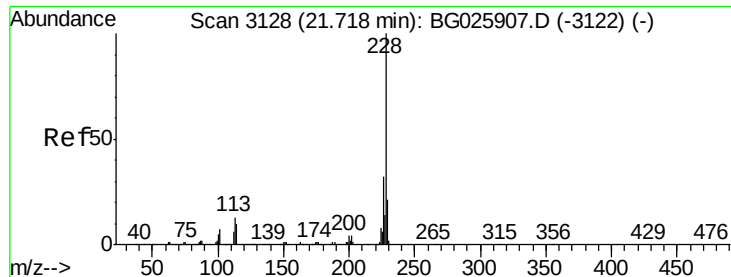
Tgt Ion:202 Resp: 1217009
 Ion Ratio Lower Upper
 202 100
 101 14.7 11.0 16.4
 100 13.1 8.1 12.1#



#20
 Benzo(a)anthracene
 Concen: 1.11 ng/ul
 RT: 21.65 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG025917.D
 Acq: 21 Feb 2017 23:07

Tgt Ion:228 Resp: 53778
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.7 23.5
 226 27.9 21.1 31.7





#21

Chrysene

Concen: 1.22 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG025917.D

Acq: 21 Feb 2017 23:07

Instrument :

BNA_G

ClientSampleId :

DABE5MSD

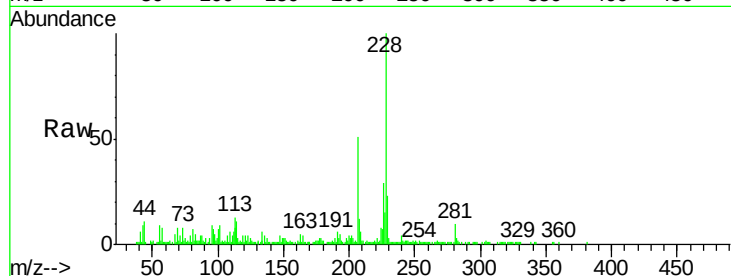
Tgt Ion:228 Resp: 56117

Ion Ratio Lower Upper

228 100

226 29.1 24.5 36.7

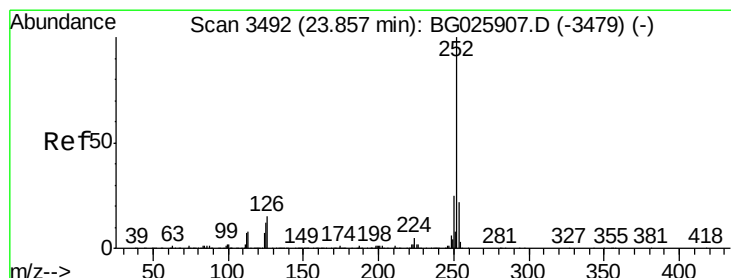
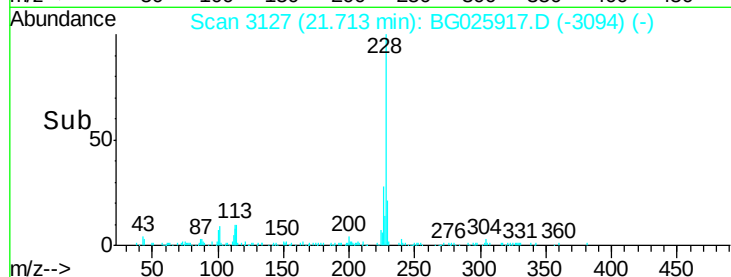
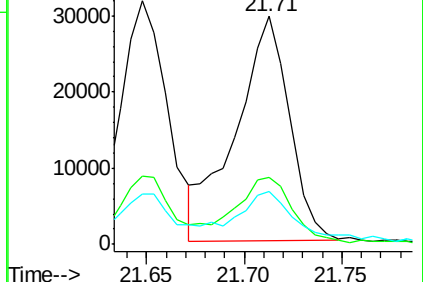
229 23.4 15.8 23.8



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: 1.47 ng/ul

RT: 23.86 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BG025917.D

Acq: 21 Feb 2017 23:07

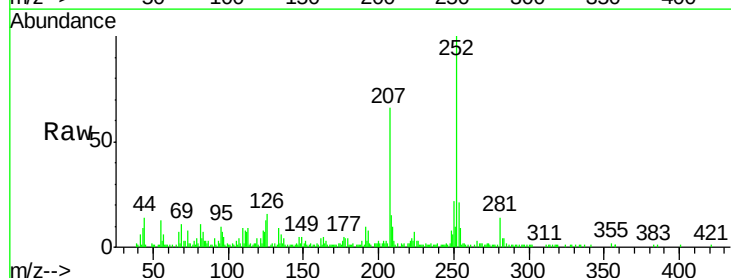
Tgt Ion:252 Resp: 70643

Ion Ratio Lower Upper

252 100

253 21.1 18.0 27.0

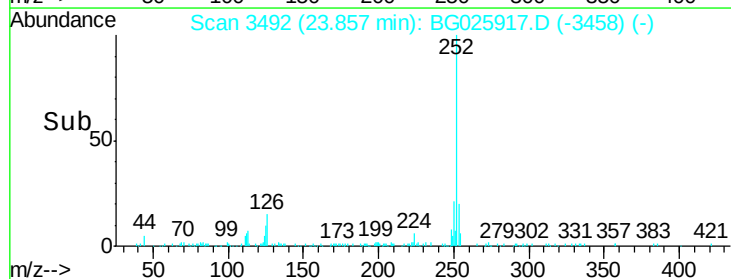
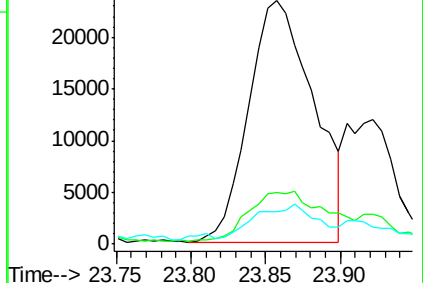
125 13.3 8.0 12.0#

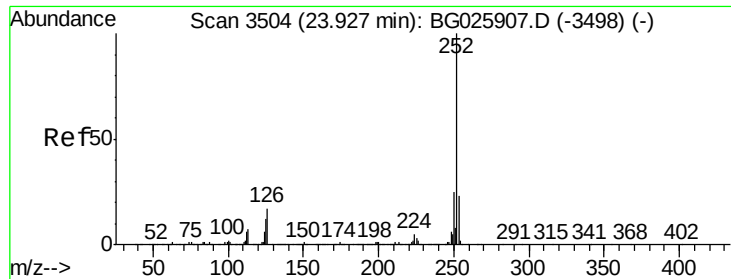


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

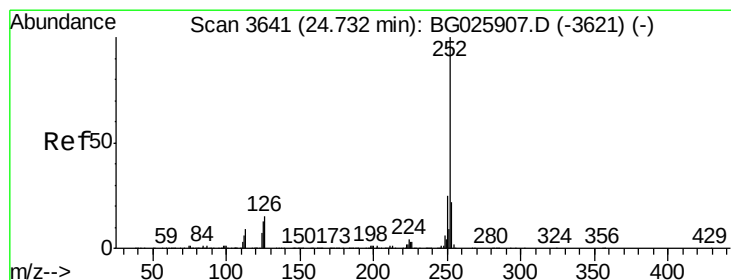
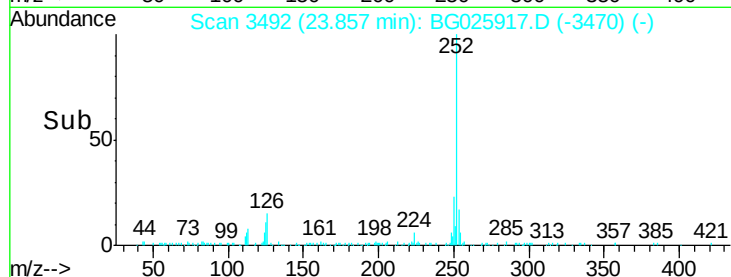
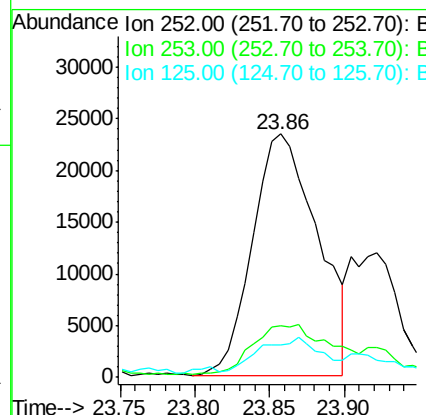
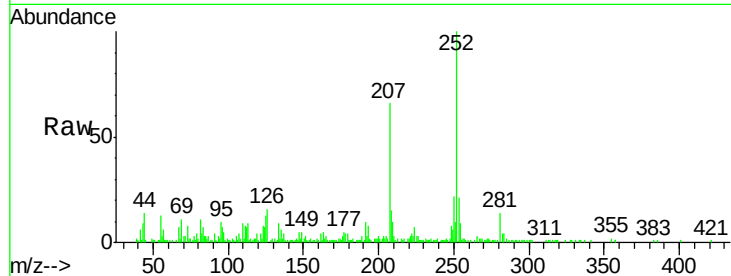




#24
Benzo(k)fluoranthene
Concen: 1.53 ng/ul
RT: 23.86 min Scan# 3492
Delta R.T. -0.07 min
Lab File: BG025917.D
Acq: 21 Feb 2017 23:07

Instrument :
BNA_G
ClientSampleId :
DABE5MSD

Tgt Ion:252 Resp: 70643
Ion Ratio Lower Upper
252 100
253 21.1 18.0 27.0
125 13.3 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 1.01 ng/ul
RT: 24.72 min Scan# 3639
Delta R.T. -0.01 min
Lab File: BG025917.D
Acq: 21 Feb 2017 23:07

Tgt Ion:252 Resp: 46835
Ion Ratio Lower Upper
252 100
253 25.9 17.2 25.8#
125 19.0 8.2 12.4#

