

Data File : BG025927.D
Acq On : 22 Feb 2017 5:50
Operator : SJ/MA
Sample : I1900-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABD7

Quant Time: Feb 22 06:28:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 04:47:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	132251	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	640187	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	372963	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	781663	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	776935	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	754994	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.39	160	618083	20.01	ng/ul	0.00
10) Fluorene-d10	15.67	176	445638	18.79	ng/ul	0.00
14) Anthracene-d10	17.52	188	622054	17.60	ng/ul	0.00
18) Pyrene-d10	19.79	212	640226	17.10	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.66	264	600941	17.99	ng/ul	0.00

Target Compounds				Qvalue		
13) Phenanthrene	17.46	178	88279	2.12	ng/ul	97
16) Fluoranthene	19.46	202	218073	4.76	ng/ul	98
19) Pyrene	19.82	202	181546	3.86	ng/ul#	97
20) Benzo(a)anthracene	21.65	228	116776	2.67	ng/ul	93
21) Chrysene	21.65	228	116776	2.80	ng/ul	97
23) Benzo(b)fluoranthene	23.87	252	185955	4.26	ng/ul#	94
24) Benzo(k)fluoranthene	23.93	252	63617	1.51	ng/ul#	85
26) Benzo(a)pyrene	24.73	252	115914	2.75	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.55	276	78171	1.58	ng/ul#	85

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

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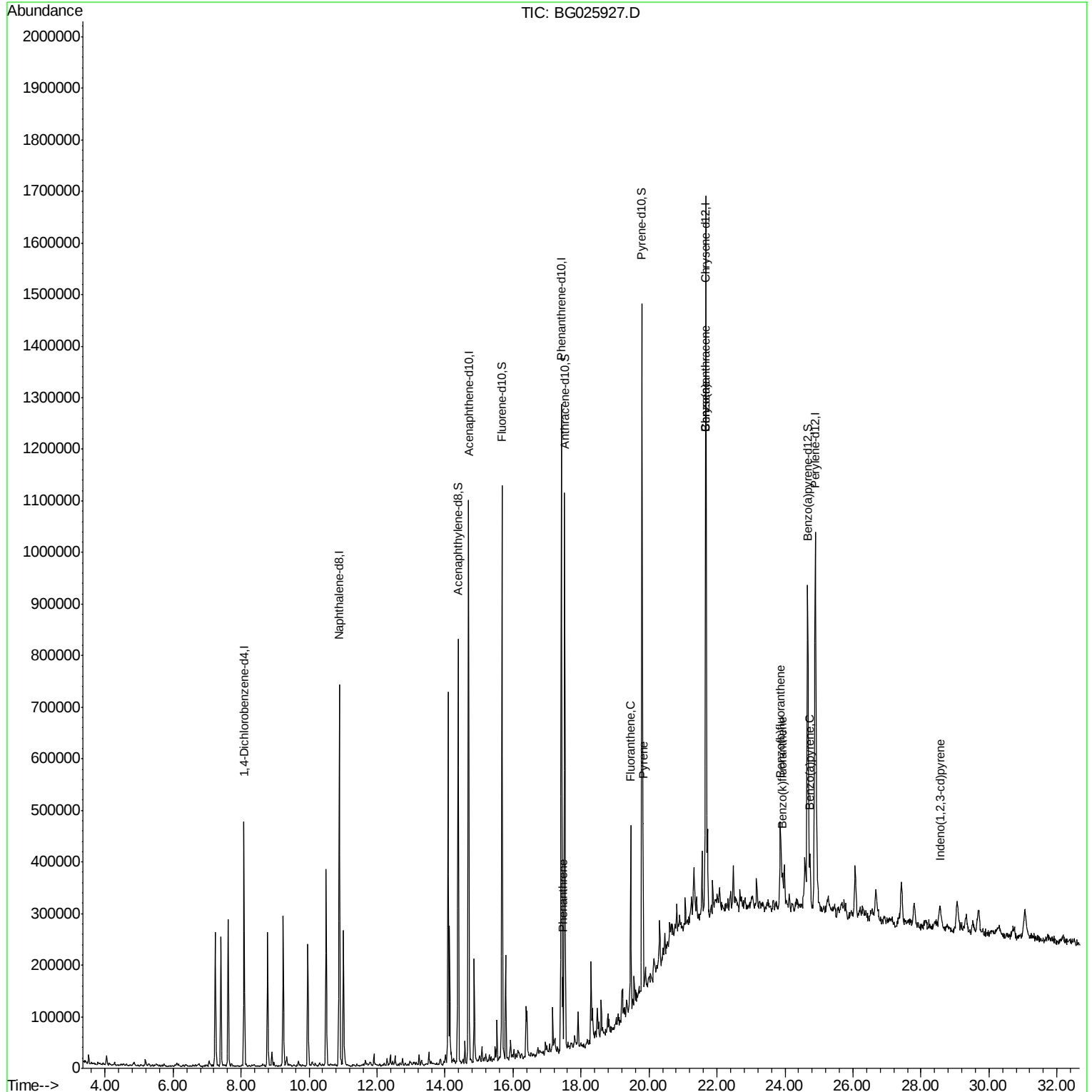
Quant Time: Feb 22 06:28:50 2017

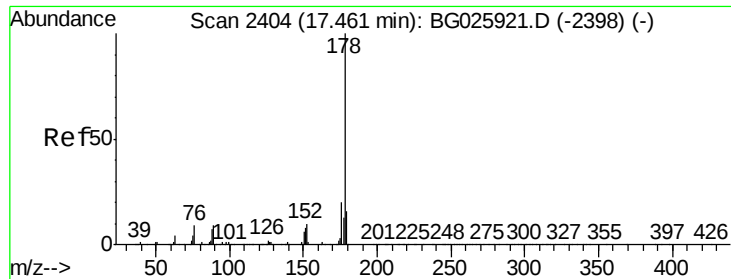
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Feb 22 04:47:03 2017

Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.12 ng/ul

RT: 17.46 min Scan# 2403

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

DABD7

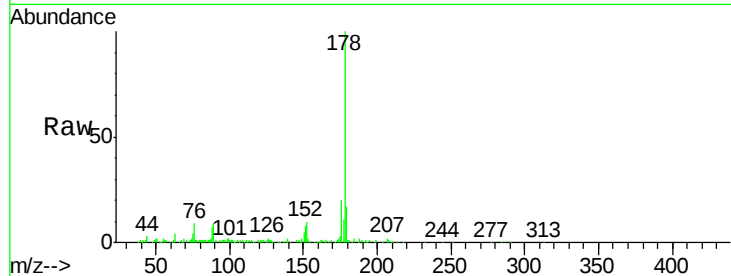
Tgt Ion:178 Resp: 88279

Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

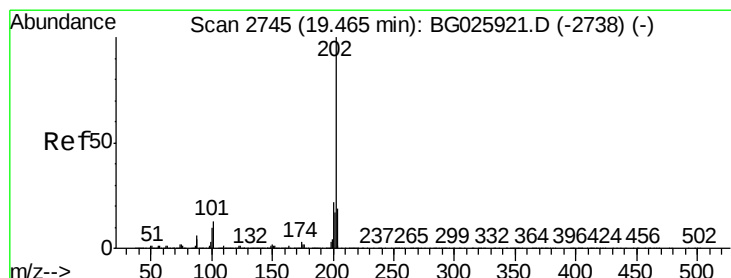
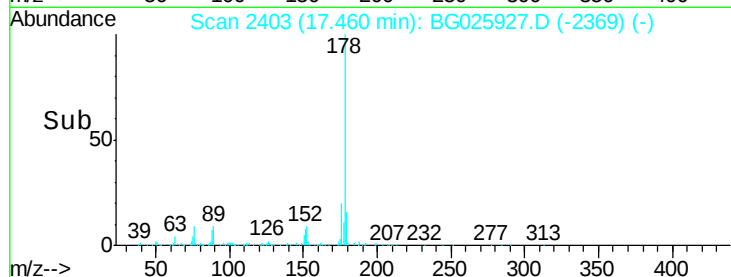
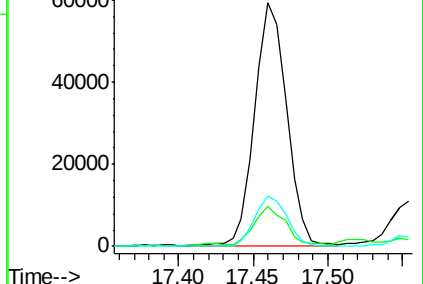
176 20.4 15.1 22.7



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: 4.76 ng/ul

RT: 19.46 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

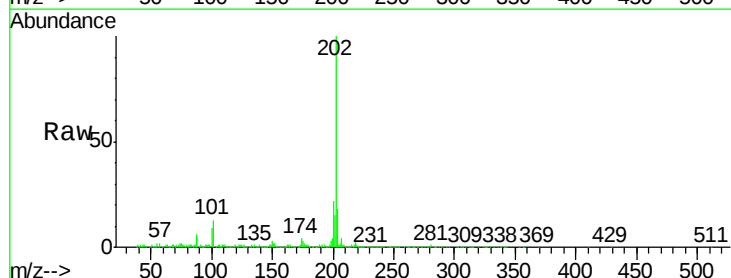
Tgt Ion:202 Resp: 218073

Ion Ratio Lower Upper

202 100

101 13.4 9.9 14.9

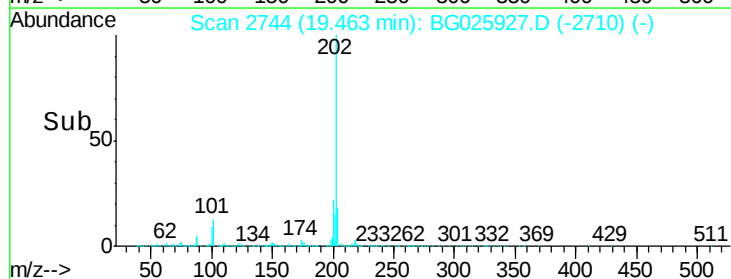
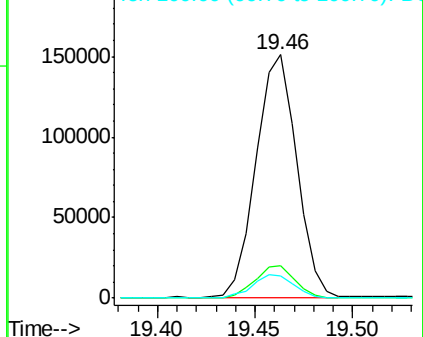
100 9.0 7.4 11.0

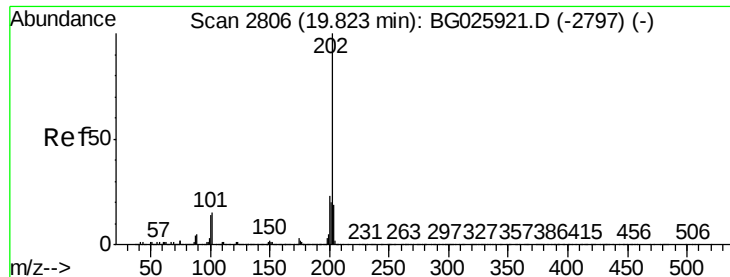


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 3.86 ng/ul

RT: 19.82 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

Instrument :

BNA_G

ClientSampleId :

DABD7

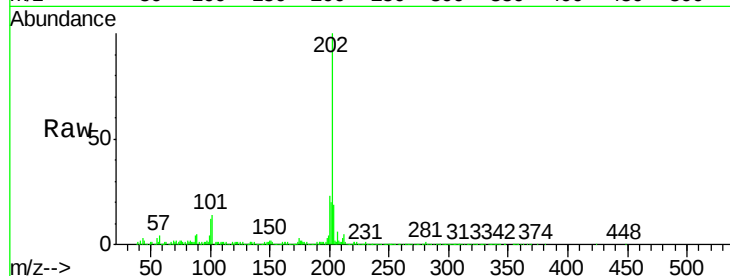
Tgt Ion:202 Resp: 181546

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.4

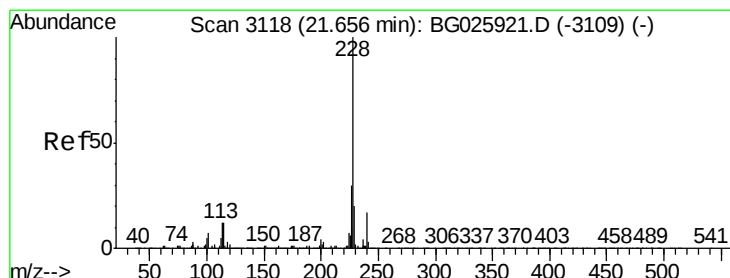
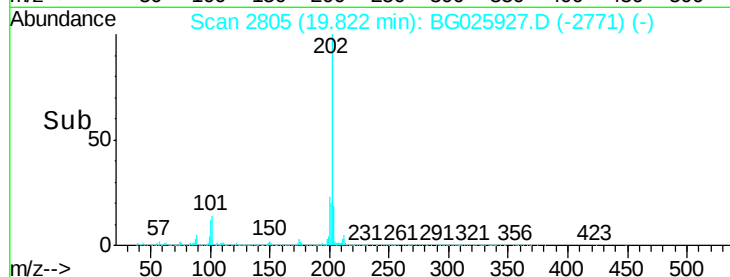
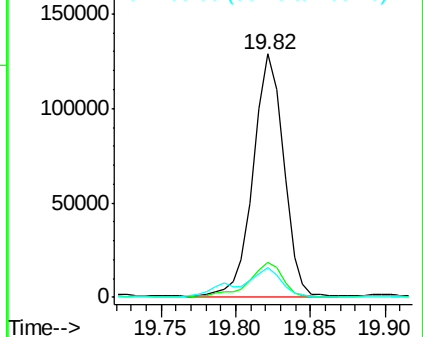
100 12.2 8.1 12.1#



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: 2.67 ng/ul

RT: 21.65 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

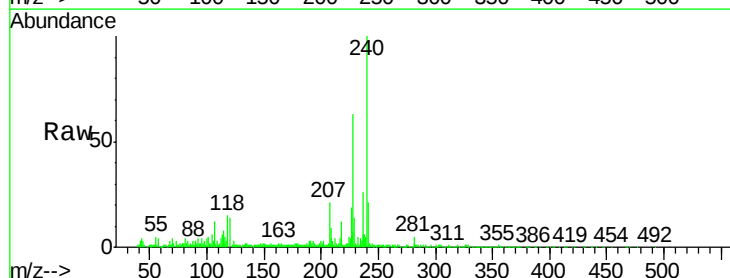
Tgt Ion:228 Resp: 116776

Ion Ratio Lower Upper

228 100

229 22.8 15.7 23.5

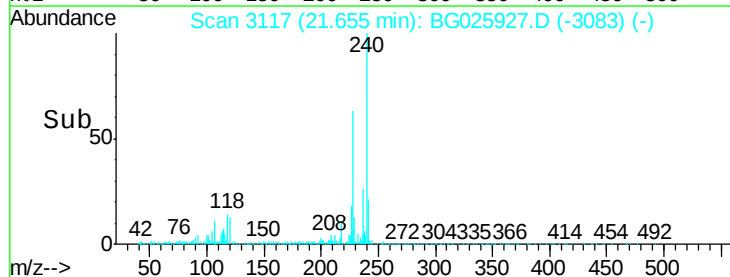
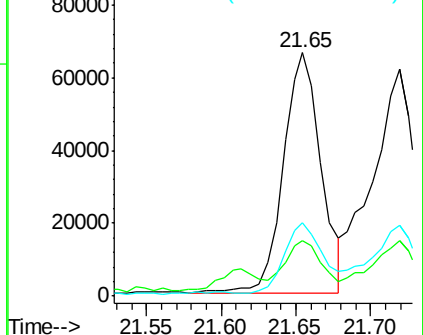
226 30.3 21.1 31.7

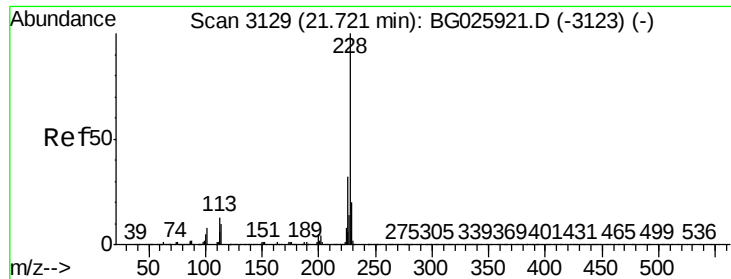


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.80 ng/ul

RT: 21.65 min Scan# 3117

Delta R.T. -0.07 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

Instrument :

BNA_G

ClientSampleId :

DABD7

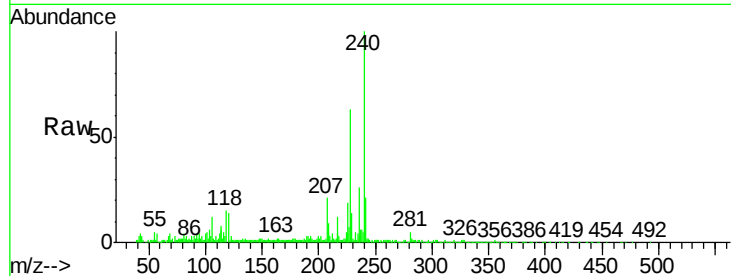
Tgt Ion:228 Resp: 116776

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

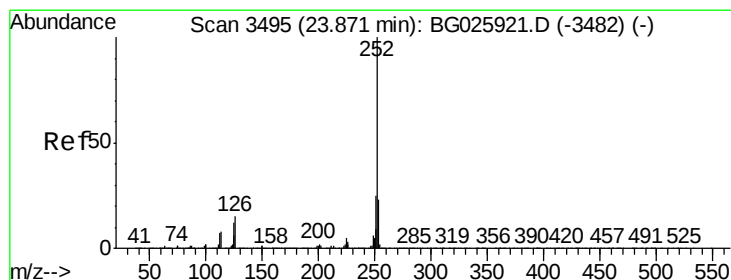
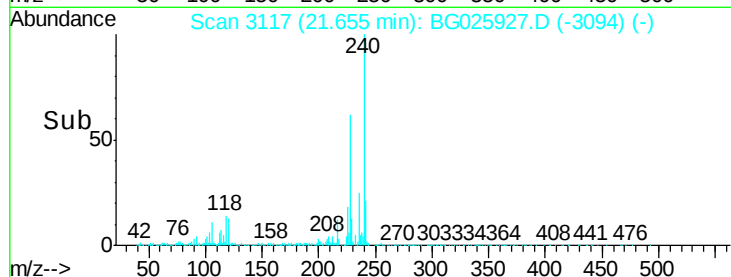
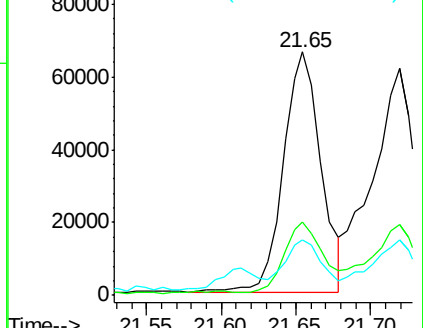
229 22.8 15.8 23.8



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: 4.26 ng/ul

RT: 23.87 min Scan# 3494

Delta R.T. -0.00 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

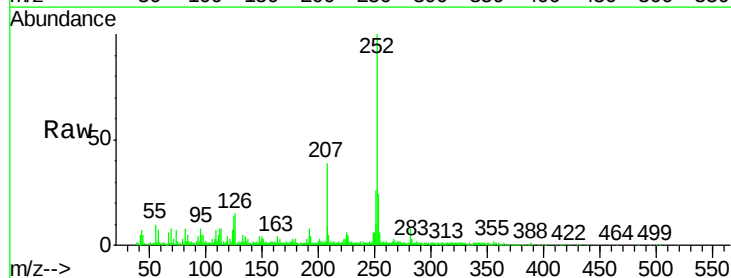
Tgt Ion:252 Resp: 185955

Ion Ratio Lower Upper

252 100

253 24.3 18.0 27.0

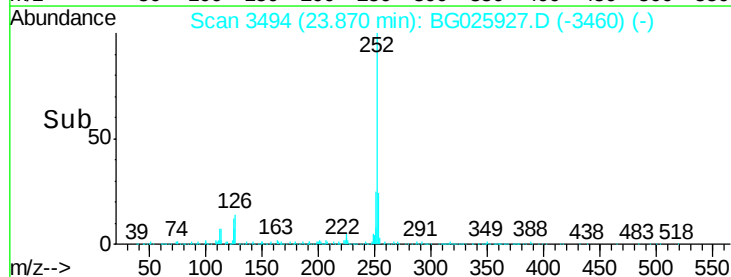
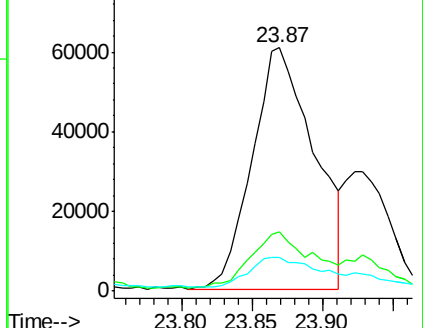
125 13.7 8.0 12.0#

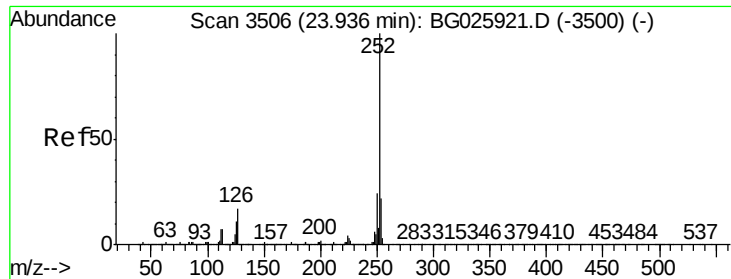


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 1.51 ng/ul

RT: 23.93 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

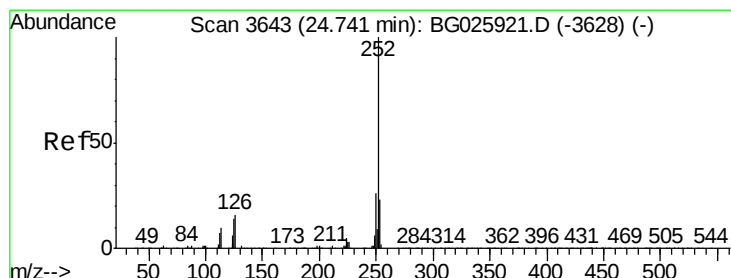
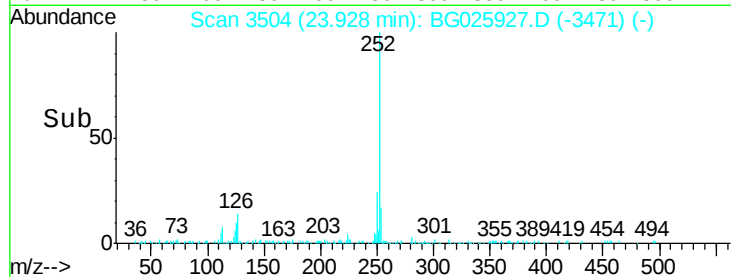
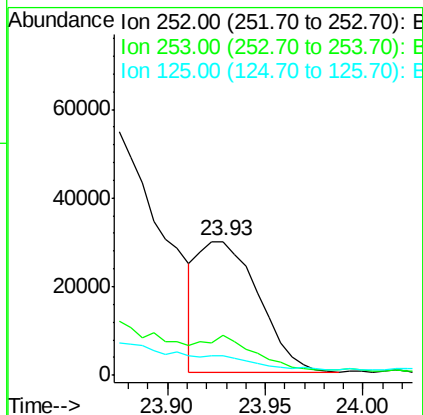
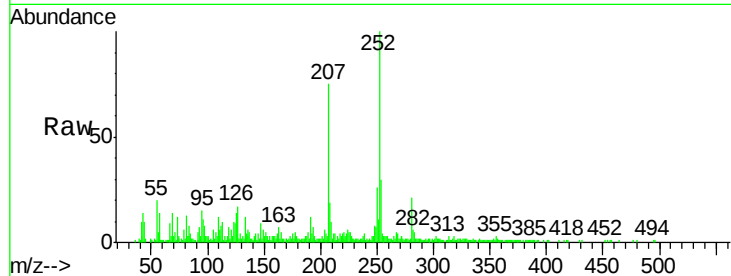
Instrument :

BNA_G

ClientSampleId :

DABD7

Tgt Ion:	252	Resp:	63617
Ion Ratio	Lower	Upper	
252	100		
253	30.3	18.0	27.0#
125	14.4	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 2.75 ng/ul

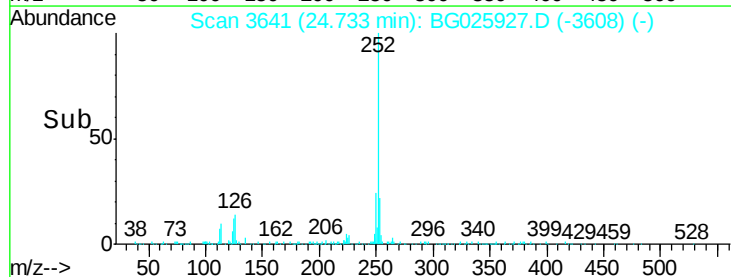
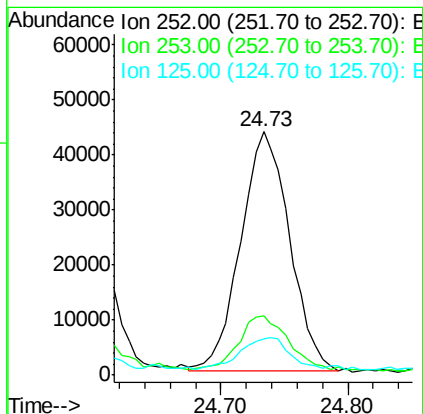
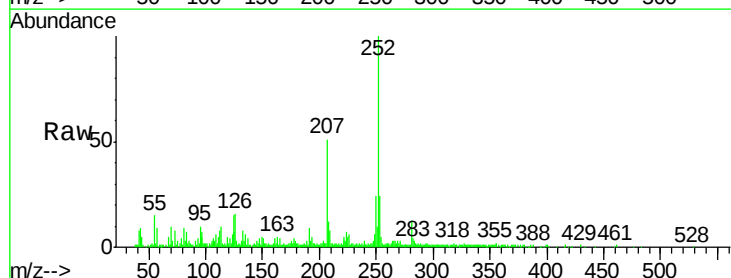
RT: 24.73 min Scan# 3641

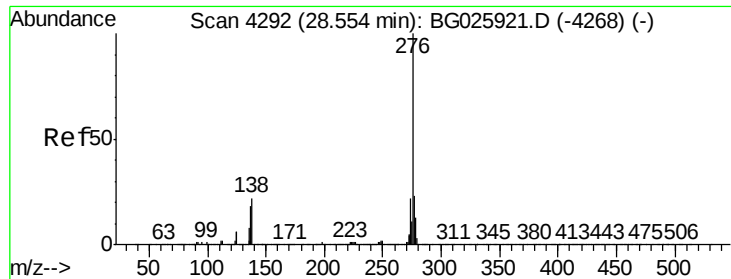
Delta R.T. -0.01 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

Tgt Ion:	252	Resp:	115914
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.2	25.8
125	14.9	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.58 ng/ul

RT: 28.55 min Scan# 4291

Delta R.T. -0.00 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

Instrument :

BNA_G

ClientSampleId :

DABD7

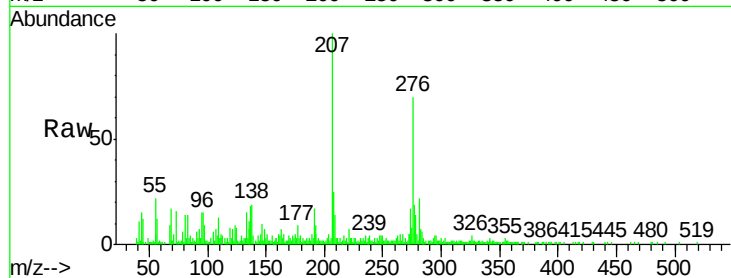
Tgt Ion: 276 Resp: 78171

Ion Ratio Lower Upper

276 100

138 27.6 14.4 21.6#

277 27.1 18.0 27.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

