

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
 Data File : BG027146.D
 Acq On : 25 May 2017 2:42
 Operator : SJ/MA
 Sample : I3279-10MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 25 04:54:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 04:52:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	258751	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1216045	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	614924	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	1093313	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	969438	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	866702	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1509359	23.93	ng/ul	0.00
10) Fluorene-d10	15.61	176	958017	22.77	ng/ul	0.00
14) Anthracene-d10	17.36	188	1093313	20.51	ng/ul	-0.09
18) Pyrene-d10	19.74	212	1236847	24.44	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	1047293	24.32	ng/ul	0.01

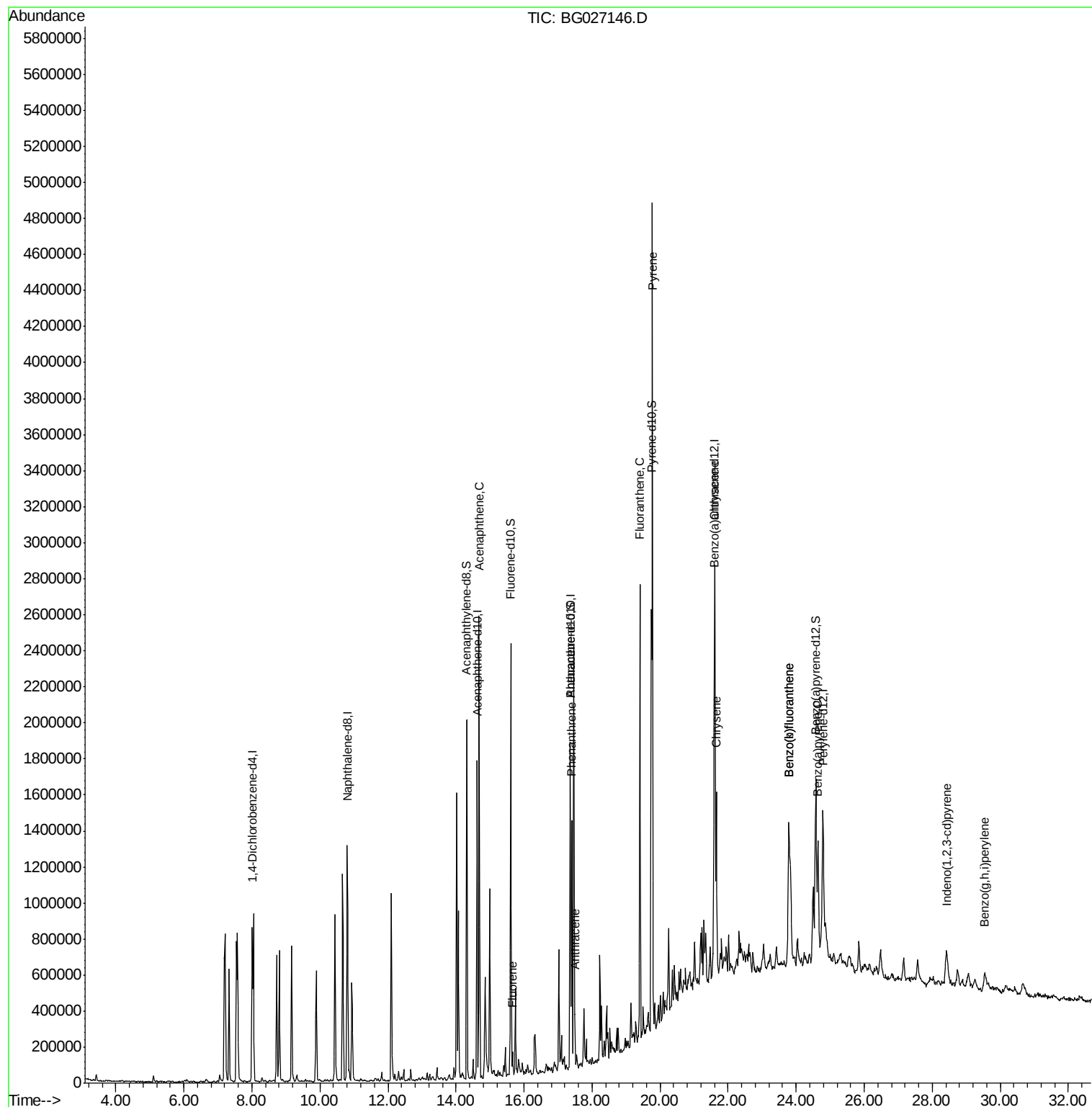
Target Compounds				Ovalue		
9) Acenaphthene	14.68	153	1115695	25.71	ng/ul	97
11) Fluorene	15.66	166	53247	1.15	ng/ul	98
13) Phenanthrene	17.40	178	833597	13.64	ng/ul	98
15) Anthracene	17.49	178	186508	2.97	ng/ul	98
16) Fluoranthene	19.41	202	1407649	22.53	ng/ul#	88
19) Pyrene	19.77	202	2460585	38.83	ng/ul#	78
20) Benzo(a)anthracene	21.59	228	697014	11.93	ng/ul	94
21) Chrysene	21.66	228	682682	12.73	ng/ul	98
23) Benzo(b)fluoranthene	23.78	252	949798	18.44	ng/ul#	93
24) Benzo(k)fluoranthene	23.78	252	949798	17.93	ng/ul#	93
26) Benzo(a)pyrene	24.64	252	623564	12.37	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	28.41	276	274474	5.92	ng/ul#	79
29) Benzo(a,h,i)perylene	29.54	276	155267	4.21	ng/ul#	76

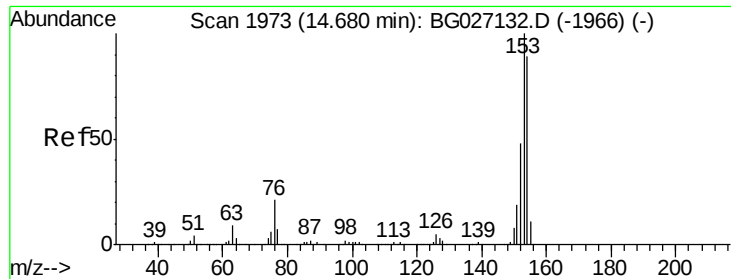
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
Data File : BG027146.D
Acq On : 25 May 2017 2:42
Operator : SJ/MA
Sample : I3279-10MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 25 04:54:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 04:52:31 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 25.71 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

Instrument :

BNA_G

ClientSampleId :

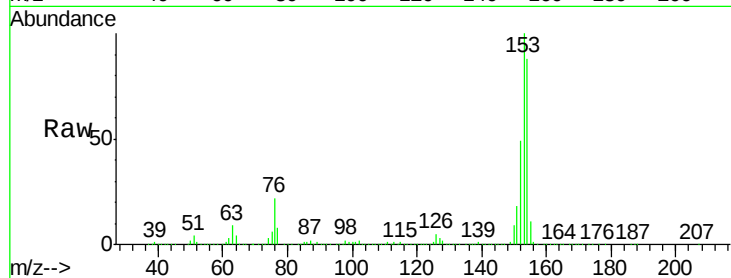
Tot Ion:153 Resp: 1115695

Ion Ratio Lower Upper

153 100

152 48.8 39.0 58.6

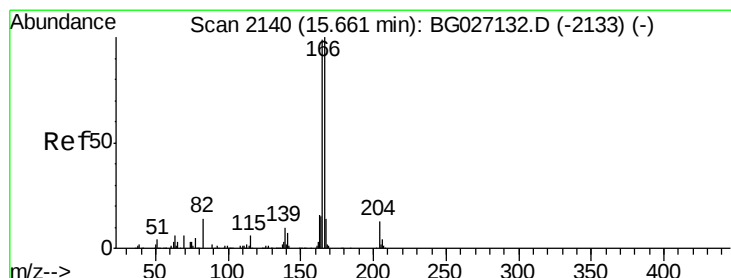
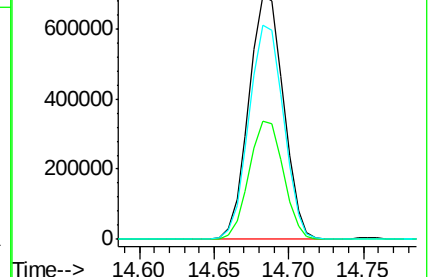
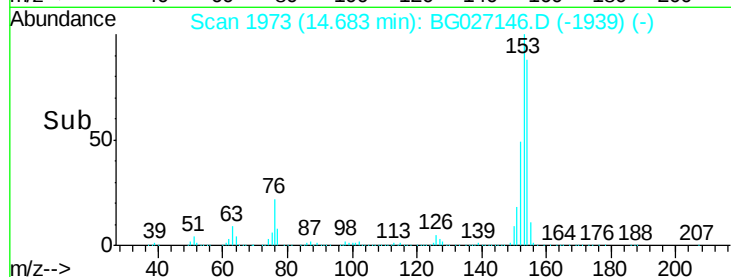
154 87.9 66.8 100.2



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



#11

Fluorene

Concen: 1.15 ng/ul

RT: 15.66 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

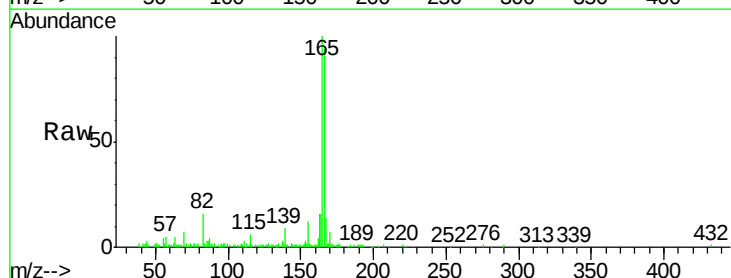
Tgt Ion:166 Resp: 53247

Ion Ratio Lower Upper

166 100

165 106.8 83.8 125.8

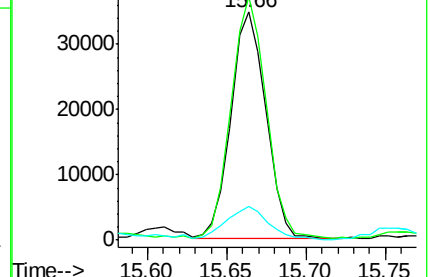
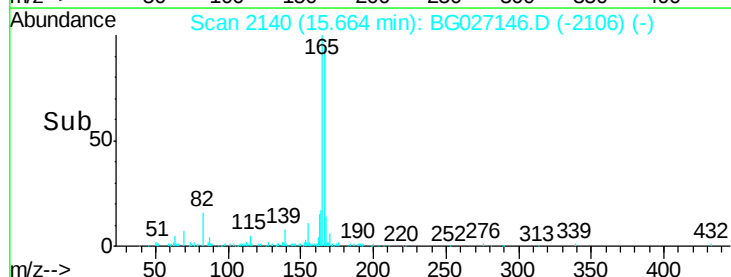
167 14.9 11.5 17.3

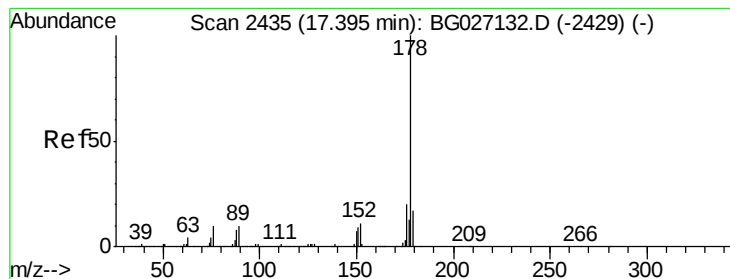


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 13.64 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

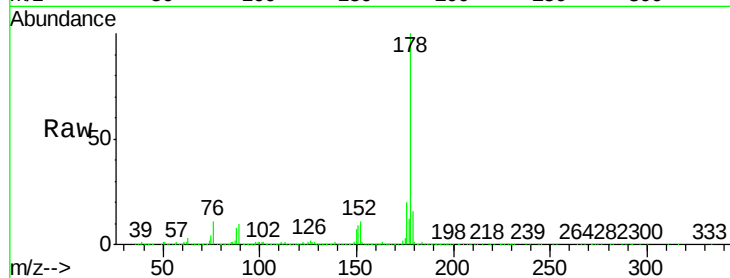
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 833597

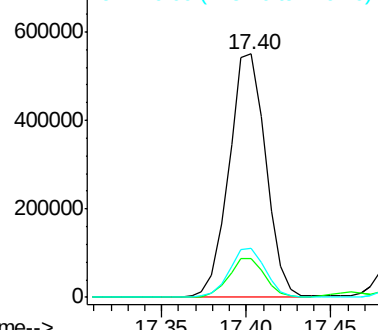
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	20.0	15.1	22.7



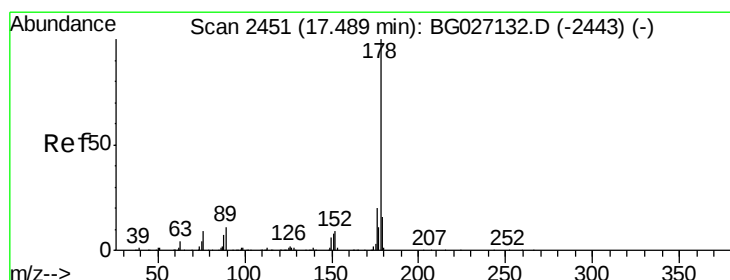
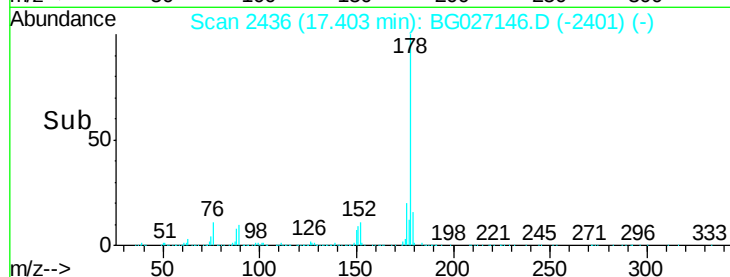
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Anthracene

Concen: 2.97 ng/ul

RT: 17.49 min Scan# 2451

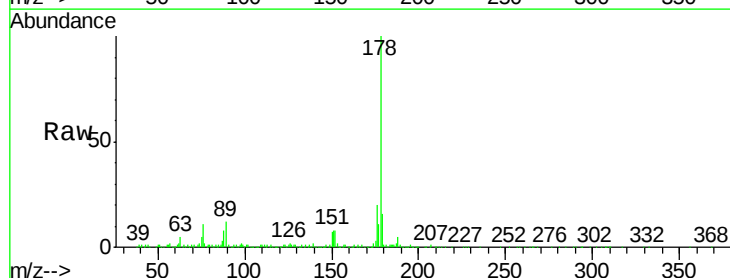
Delta R.T. 0.00 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

Tgt Ion:178 Resp: 186508

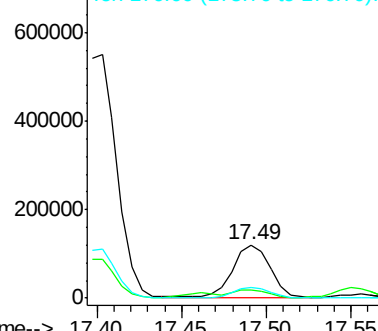
Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	19.6	15.2	22.8



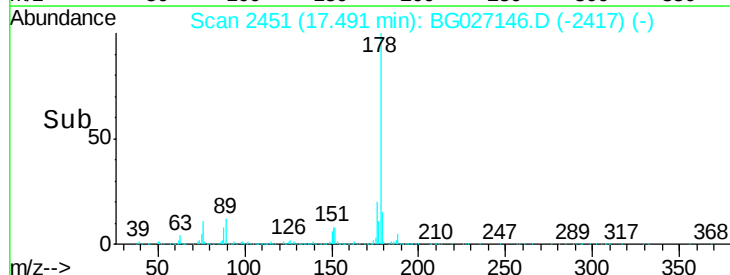
Abundance Ion 178.00 (177.70 to 178.70): E

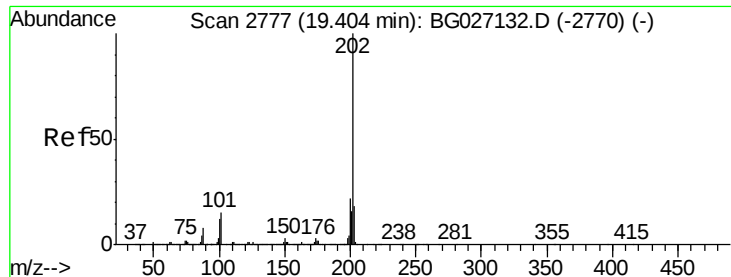
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->

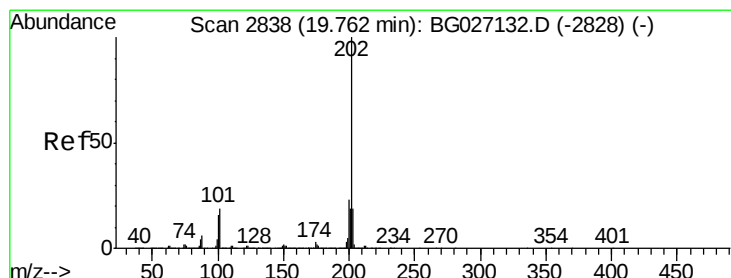
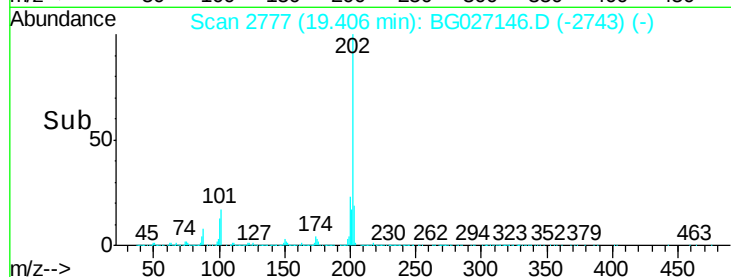
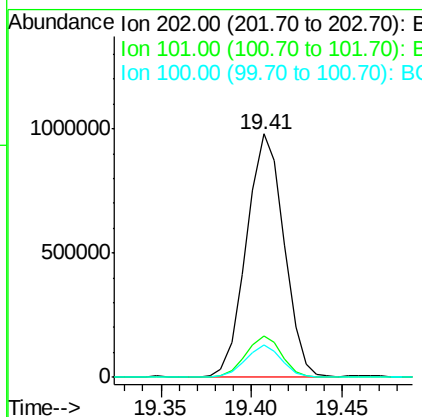
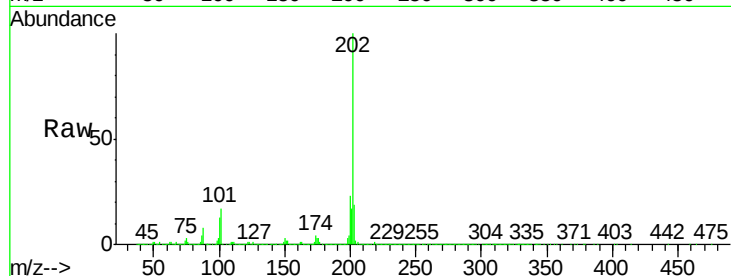




#16
 Fluoranthene
 Concen: 22.53 ng/ul
 RT: 19.41 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG027146.D
 Acq: 25 May 2017 2:42

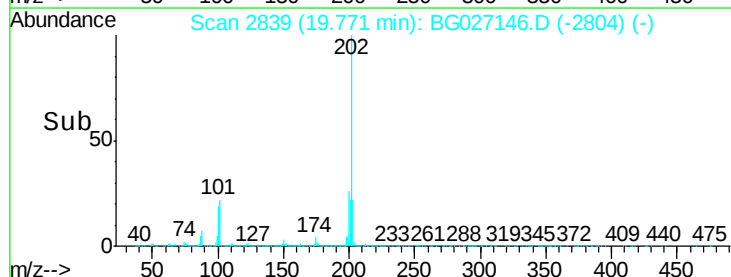
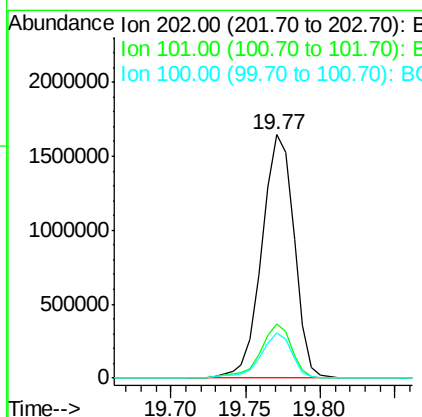
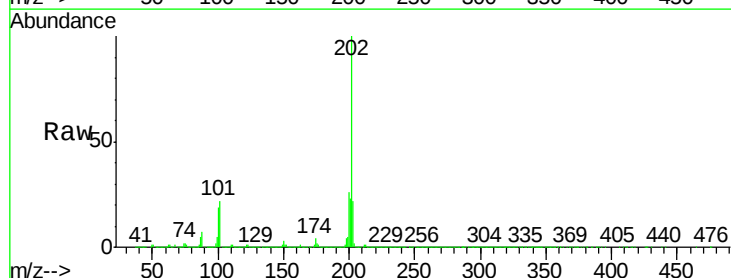
Instrument :
 BNA_G
 ClientSampleId :

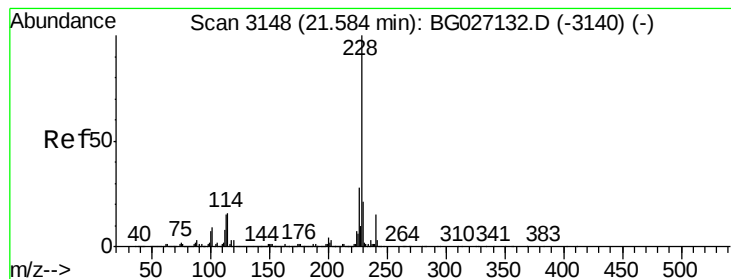
Tot Ion:202 Resp: 1407649
 Ion Ratio Lower Upper
 202 100
 101 17.0 9.9 14.9#
 100 13.4 7.4 11.0#



#19
 Pyrene
 Concen: 38.83 ng/ul
 RT: 19.77 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BG027146.D
 Acq: 25 May 2017 2:42

Tgt Ion:202 Resp: 2460585
 Ion Ratio Lower Upper
 202 100
 101 22.4 11.0 16.4#
 100 18.7 8.1 12.1#





#20

Benzo(a)anthracene

Concen: 11.93 ng/ul

RT: 21.59 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

Instrument :

BNA_G

ClientSampleId :

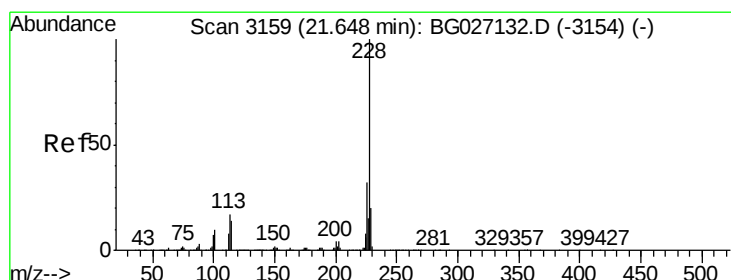
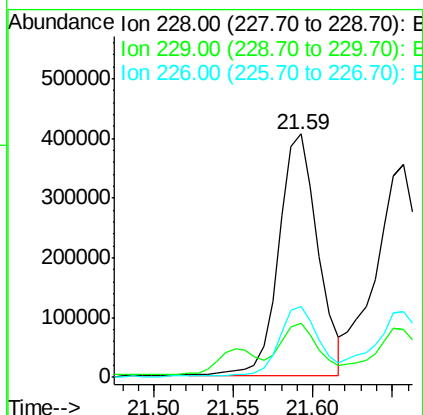
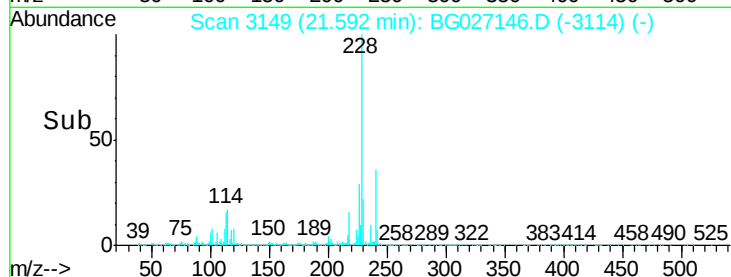
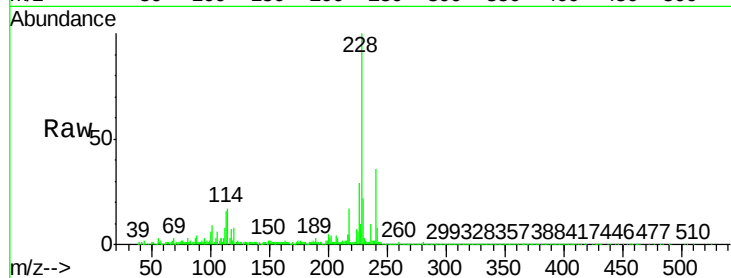
Tot Ion:228 Resp: 697014

Ion Ratio Lower Upper

228 100

229 22.4 15.7 23.5

226 29.3 21.1 31.7



#21

Chrysene

Concen: 12.73 ng/ul

RT: 21.66 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

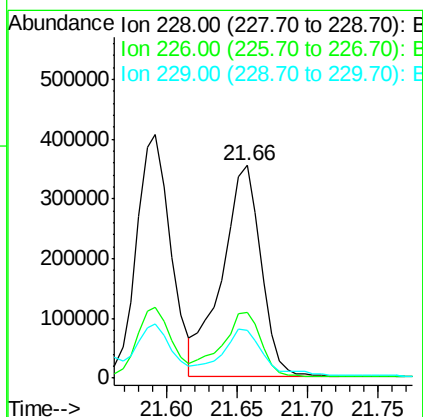
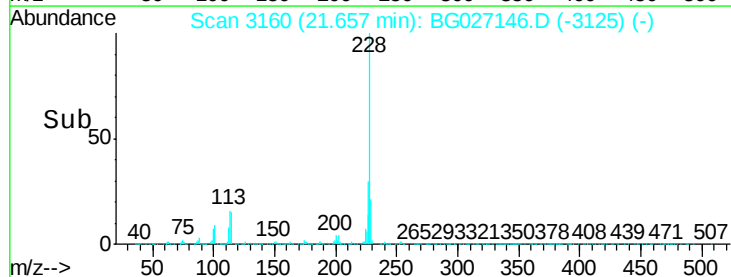
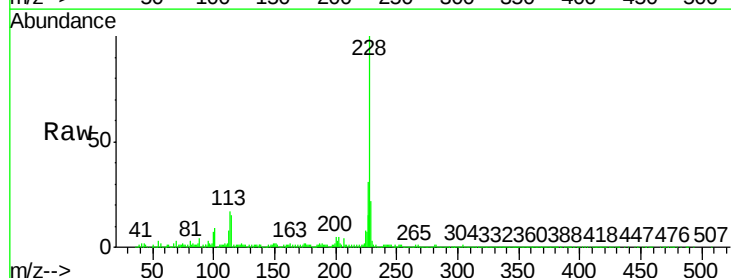
Tgt Ion:228 Resp: 682682

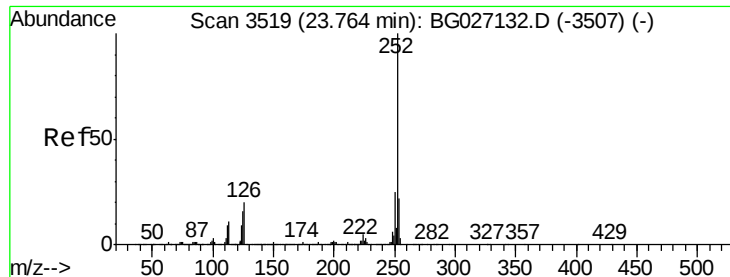
Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 22.3 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 18.44 ng/ul

RT: 23.78 min Scan# 3522

Delta R.T. 0.02 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

Instrument :

BNA_G

ClientSampleId :

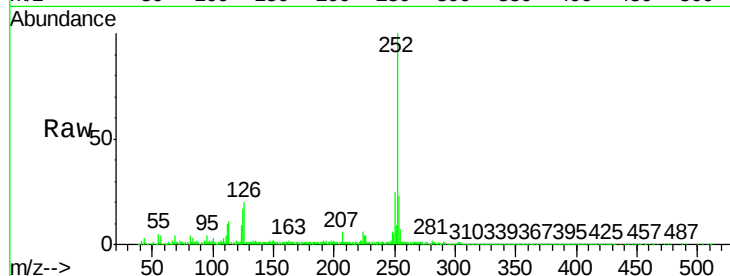
Tot Ion:252 Resp: 949798

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

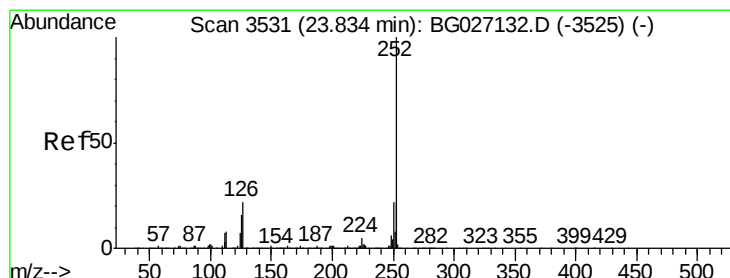
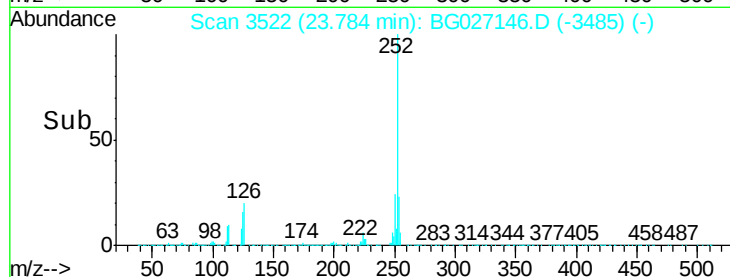
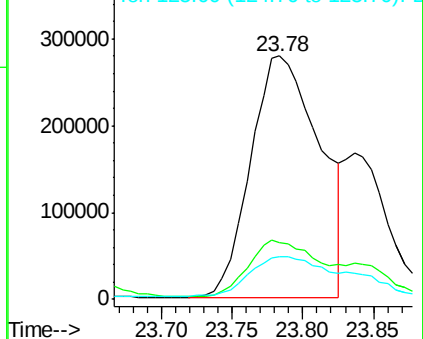
125 17.3 8.0 12.0#



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: 17.93 ng/ul

RT: 23.78 min Scan# 3522

Delta R.T. -0.05 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

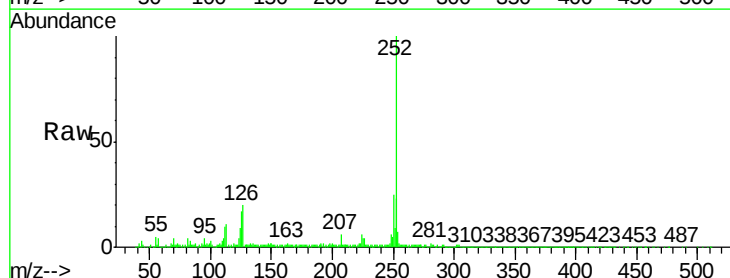
Tgt Ion:252 Resp: 949798

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

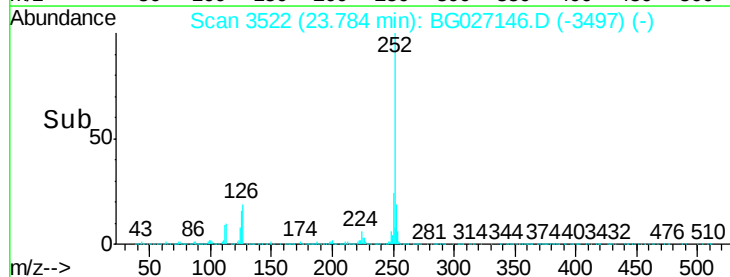
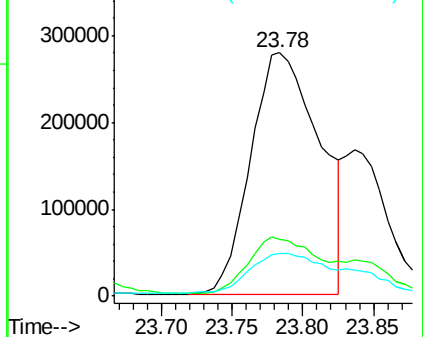
125 17.3 8.1 12.1#

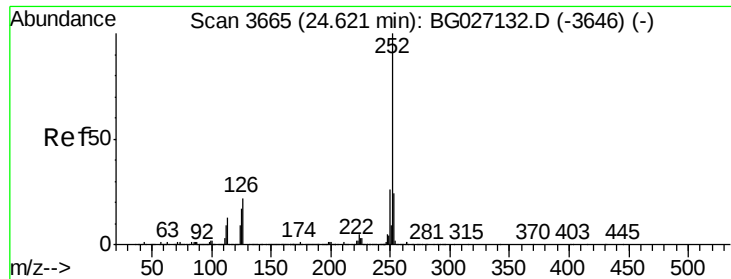


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 12.37 ng/ul

RT: 24.64 min Scan# 3668

Delta R.T. 0.02 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

Instrument :

BNA_G

ClientSampleId :

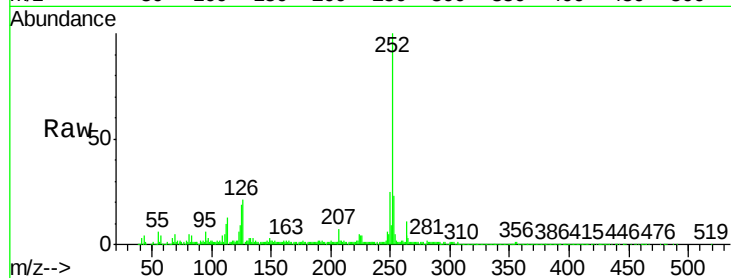
Tot Ion:252 Resp: 623564

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

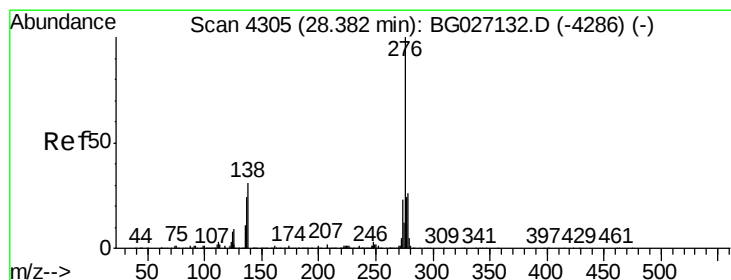
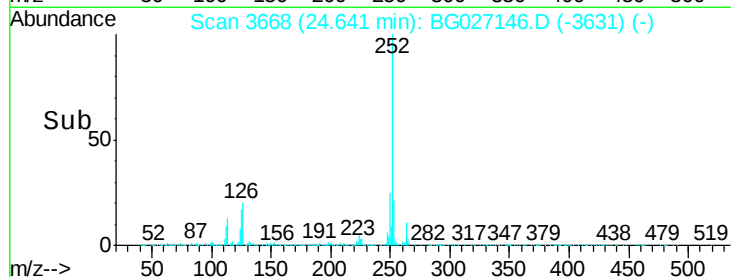
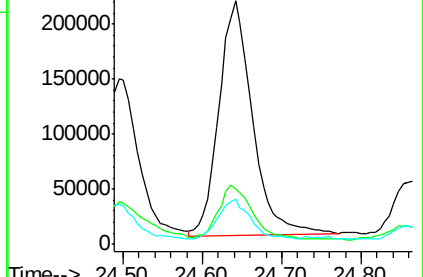
125 18.5 8.2 12.4#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 5.92 ng/ul

RT: 28.41 min Scan# 4310

Delta R.T. 0.03 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

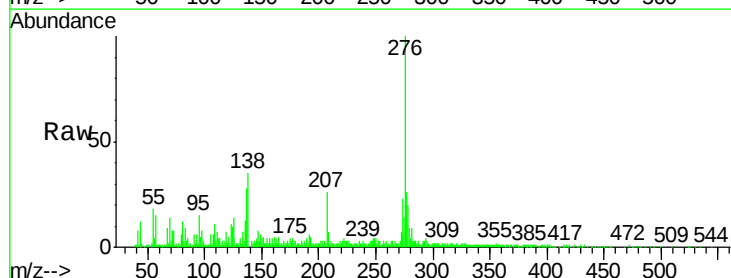
Tgt Ion:276 Resp: 274474

Ion Ratio Lower Upper

276 100

138 35.0 14.4 21.6#

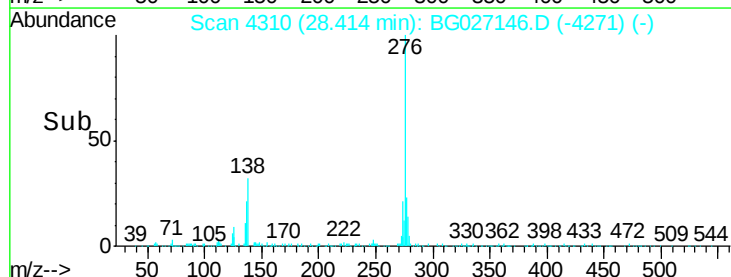
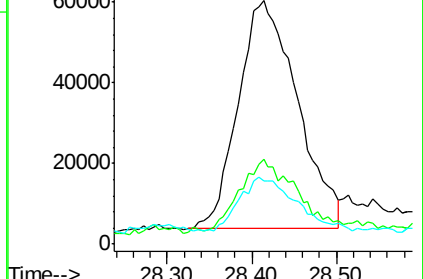
277 25.8 18.0 27.0

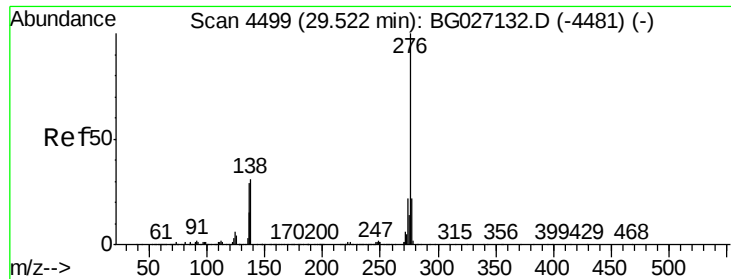


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 4.21 ng/ul

RT: 29.54 min Scan# 4502

Delta R.T. 0.02 min

Lab File: BG027146.D

Acq: 25 May 2017 2:42

Instrument :

BNA_G

ClientSampleId :

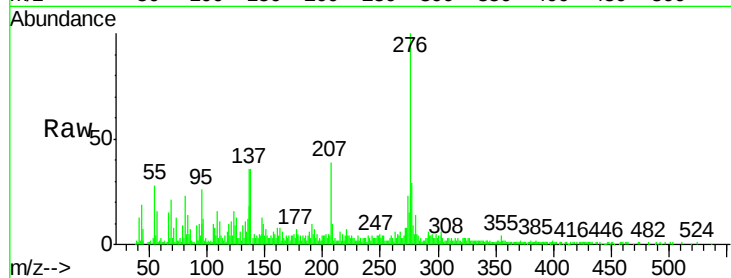
Tot Ion: 276 Resp: 155267

Ion Ratio Lower Upper

276 100

138 36.4 15.3 22.9#

277 29.4 19.0 28.4#



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

