

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027121.D
 Acq On : 24 May 2017 8:22
 Operator : SJ/MA
 Sample : I3276-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC92

Quant Time: May 24 11:59:18 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	256480	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	1204420	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	613941	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	1102561	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	1016295	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	897403	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	1437131	22.82	ng/ul	0.00
10) Fluorene-d10	15.61	176	913463	21.74	ng/ul	0.00
14) Anthracene-d10	17.36	188	1102561	20.51	ng/ul	-0.10
18) Pyrene-d10	19.74	212	1185028	22.33	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	1050198	23.55	ng/ul	0.01

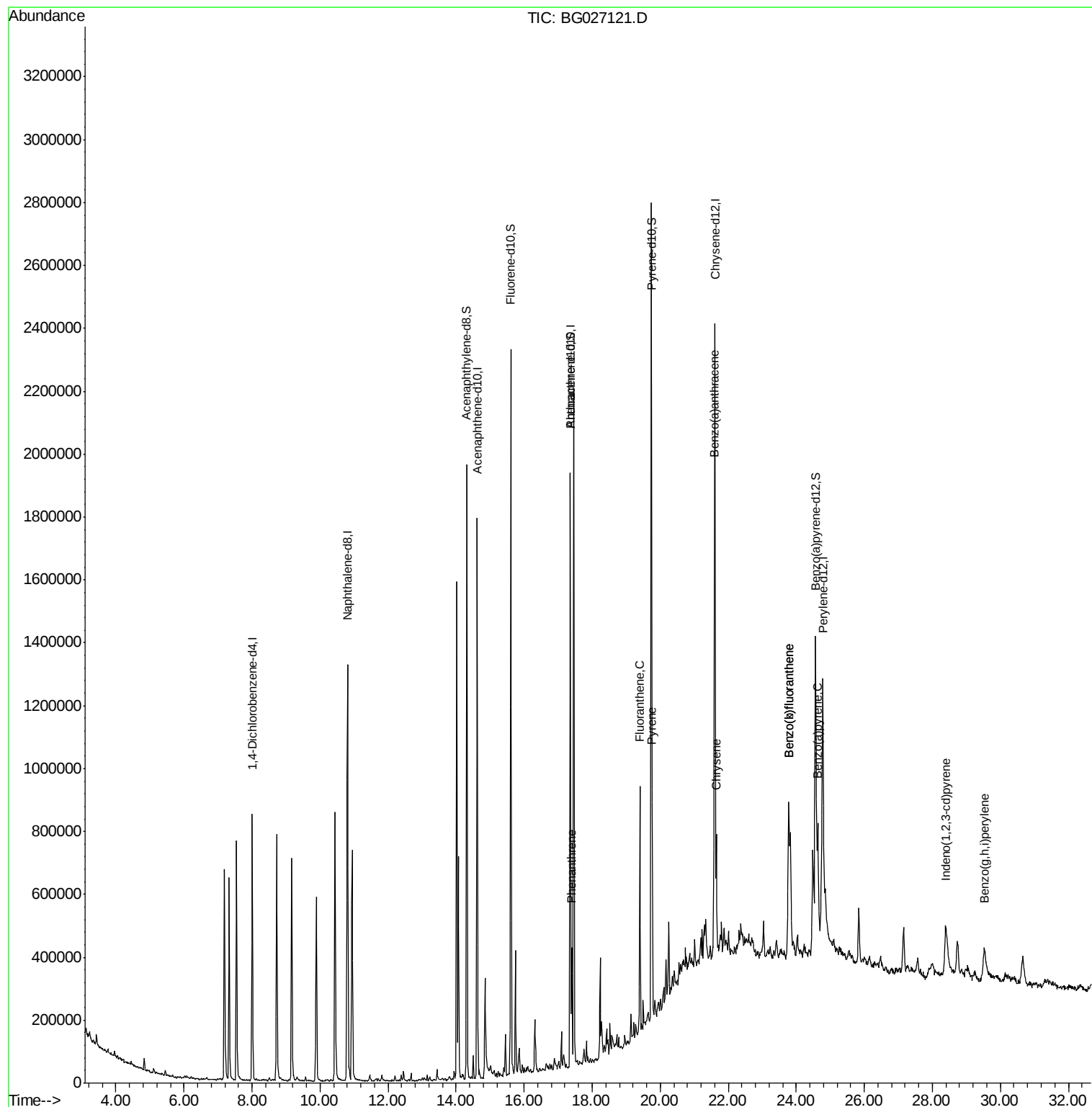
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.40	178	219270	3.56	ng/ul	96
16) Fluoranthene	19.40	202	446107	7.08	ng/ul#	93
19) Pyrene	19.77	202	403879	6.08	ng/ul#	90
20) Benzo(a)anthracene	21.59	228	232535	3.80	ng/ul	98
21) Chrysene	21.65	228	248203	4.42	ng/ul	96
23) Benzo(b)fluoranthene	23.78	252	598410	11.22	ng/ul#	91
24) Benzo(k)fluoranthene	23.78	252	598410	10.91	ng/ul#	92
26) Benzo(a)pyrene	24.63	252	277132	5.31	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	28.39	276	281538	5.87	ng/ul#	83
29) Benzo(g,h,i)perylene	29.53	276	127617	3.34	ng/ul#	80

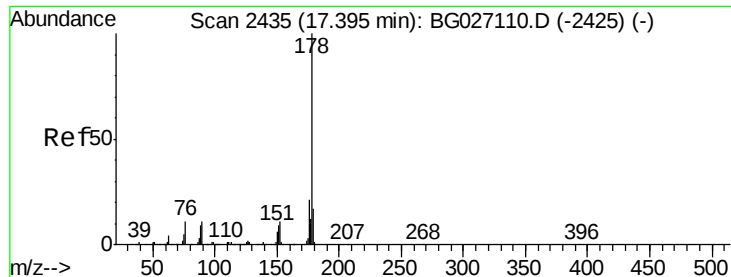
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.56 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG027121.D

Acq: 24 May 2017 8:22

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ClientSampleId :

DAC92

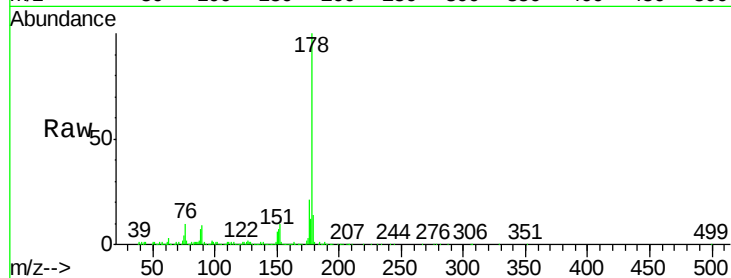
Tgt Ion:178 Resp: 219270

Ion Ratio Lower Upper

178 100

179 13.8 12.3 18.5

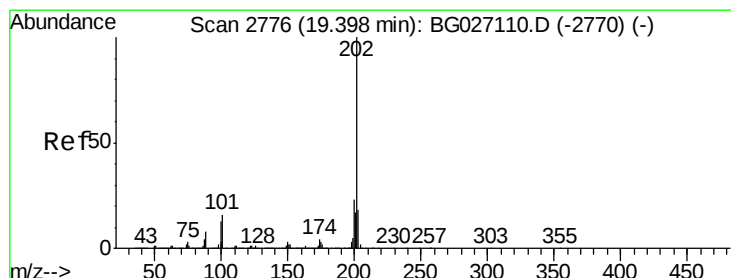
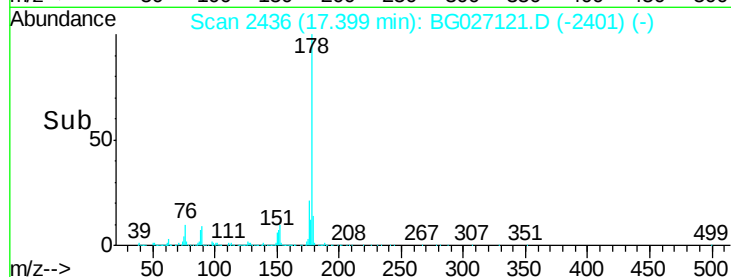
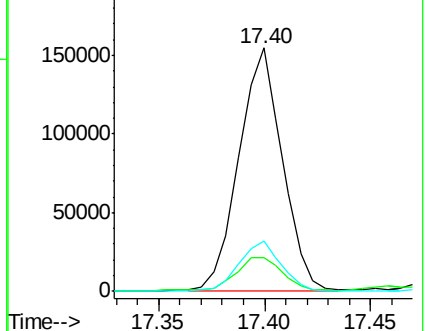
176 20.9 15.1 22.7



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: 7.08 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG027121.D

Acq: 24 May 2017 8:22

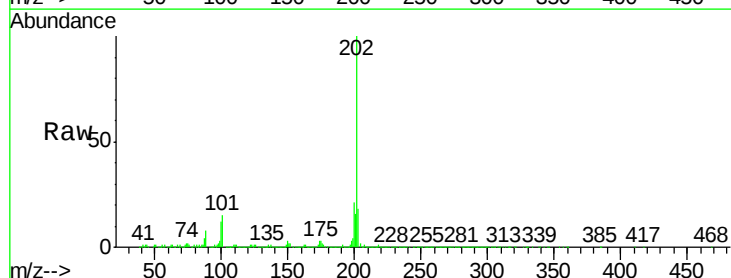
Tgt Ion:202 Resp: 446107

Ion Ratio Lower Upper

202 100

101 15.4 9.9 14.9#

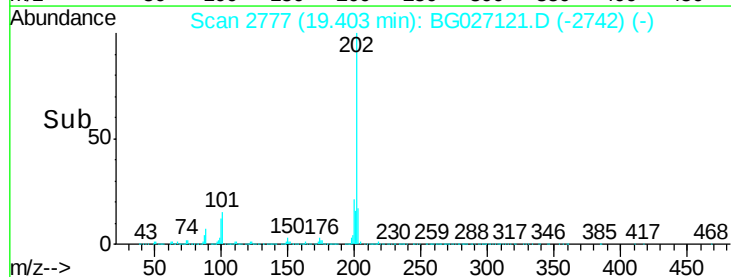
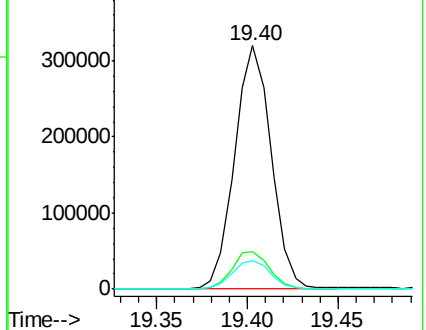
100 11.8 7.4 11.0#

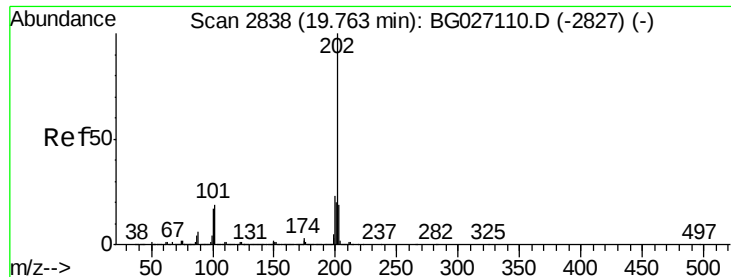


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 6.08 ng/ul

RT: 19.77 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG027121.D

Acq: 24 May 2017 8:22

Instrument :

BNA_G

ClientSampleId :

DAC92

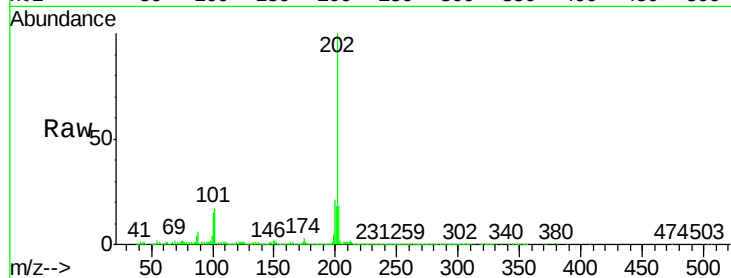
Tgt Ion:202 Resp: 403879

Ion Ratio Lower Upper

202 100

101 16.8 11.0 16.4#

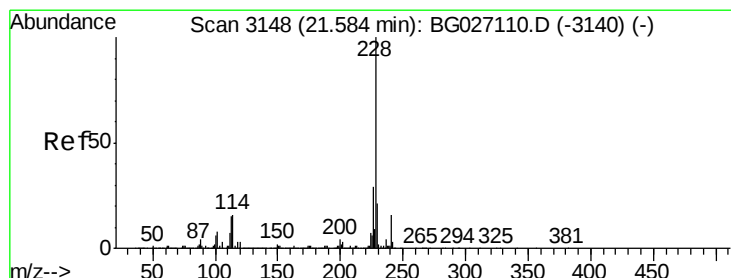
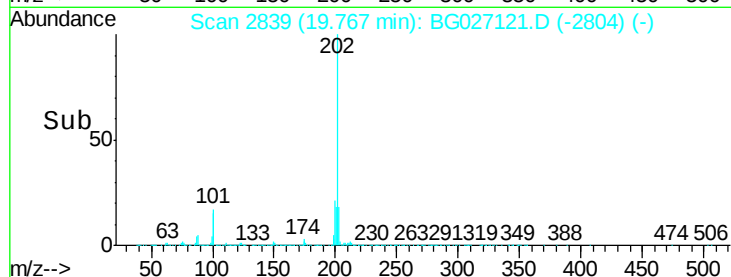
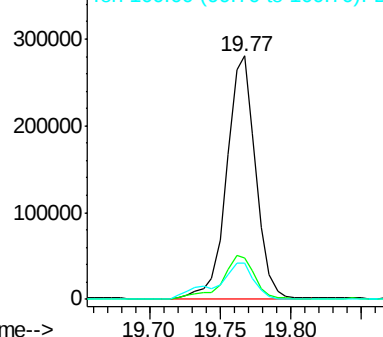
100 14.9 8.1 12.1#



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: 3.80 ng/ul

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG027121.D

Acq: 24 May 2017 8:22

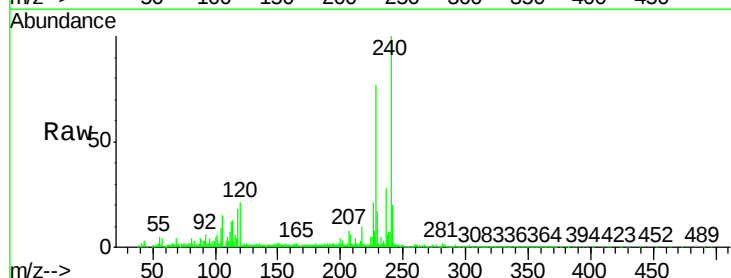
Tgt Ion:228 Resp: 232535

Ion Ratio Lower Upper

228 100

229 21.8 15.7 23.5

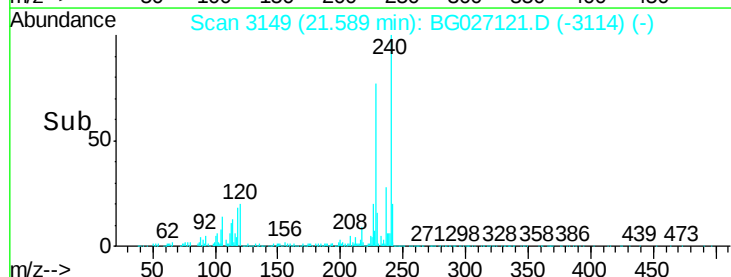
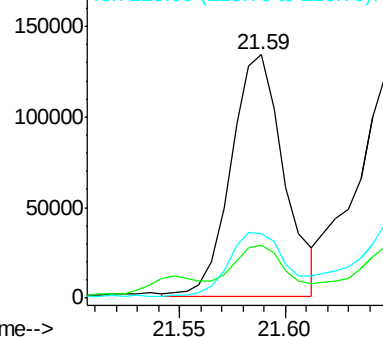
226 26.5 21.1 31.7

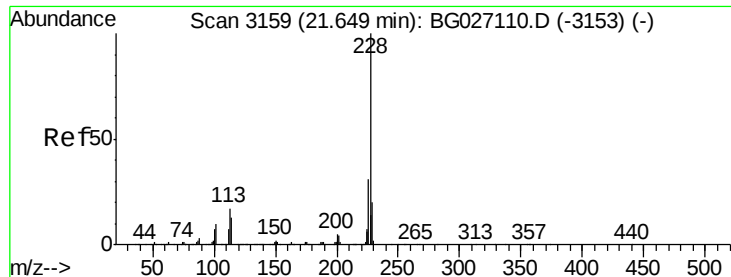


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 4.42 ng/ul

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG027121.D

Acq: 24 May 2017 8:22

Instrument :

BNA_G

ClientSampleId :

DAC92

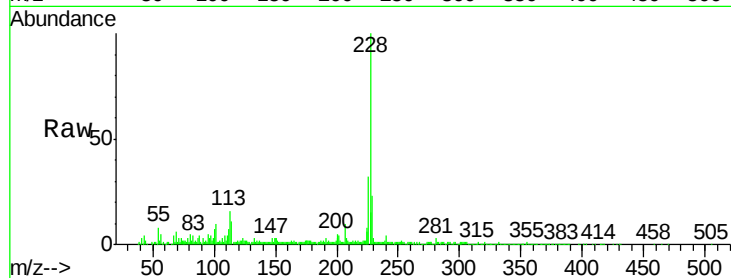
Tgt Ion:228 Resp: 248203

Ion Ratio Lower Upper

228 100

226 31.9 24.5 36.7

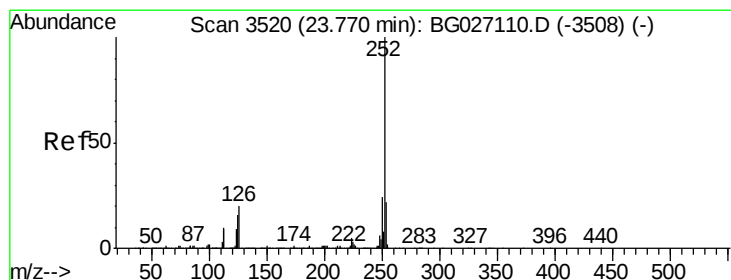
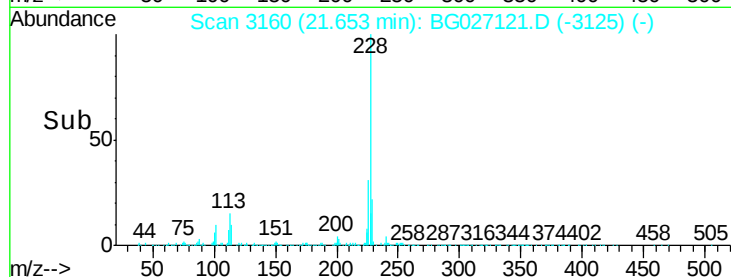
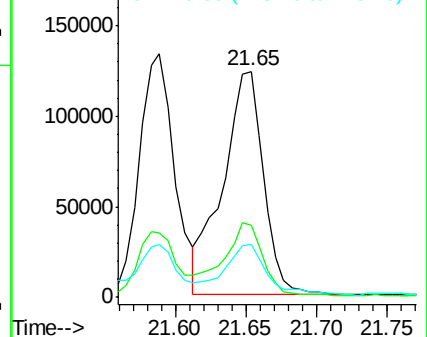
229 23.2 15.8 23.8



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: 11.22 ng/ul

RT: 23.78 min Scan# 3522

Delta R.T. 0.01 min

Lab File: BG027121.D

Acq: 24 May 2017 8:22

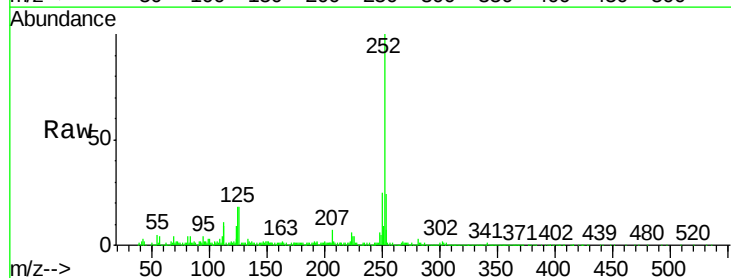
Tgt Ion:252 Resp: 598410

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

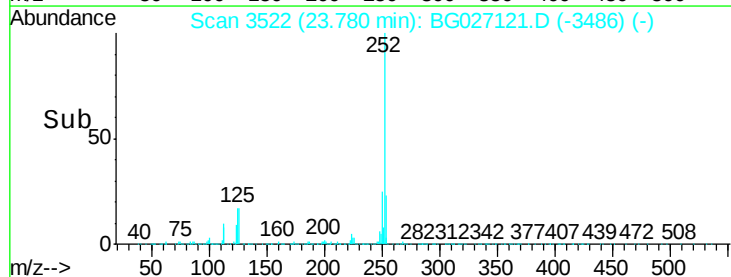
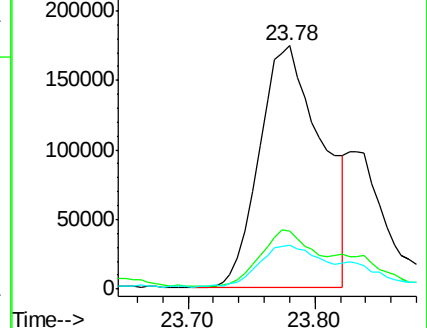
125 18.1 8.0 12.0#

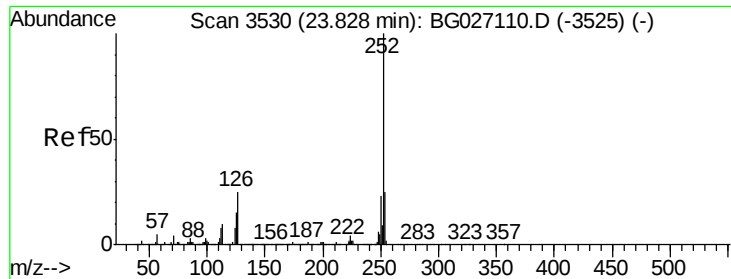


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 10.91 ng/ul

RT: 23.78 min Scan# 3522

Delta R.T. -0.05 min

Lab File: BG027121.D

Acq: 24 May 2017 8:22

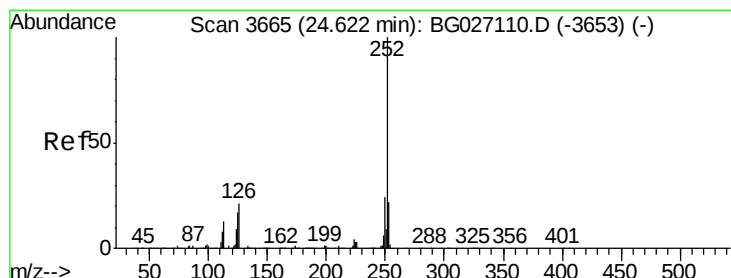
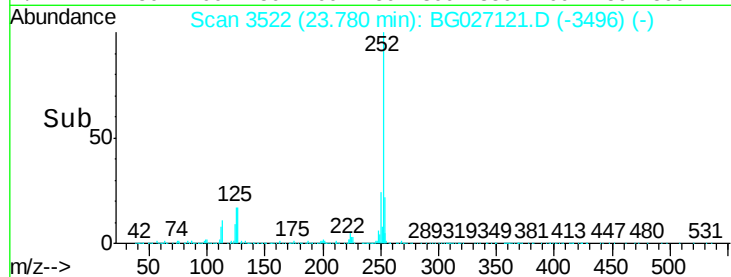
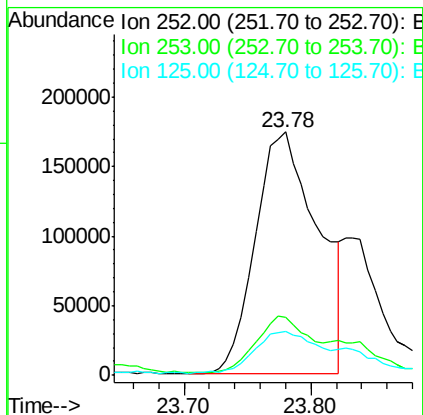
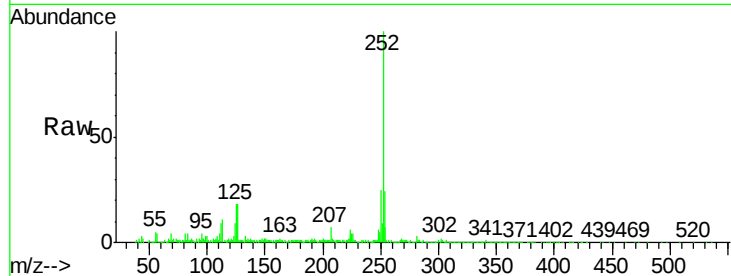
Instrument :

BNA_G

ClientSampleId :

DAC92

Tgt Ion:	252	Resp:	598410
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	18.1	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 5.31 ng/ul

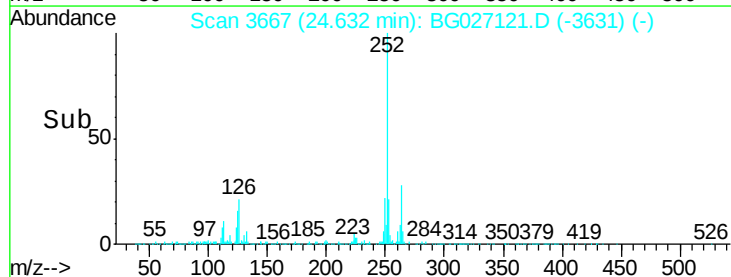
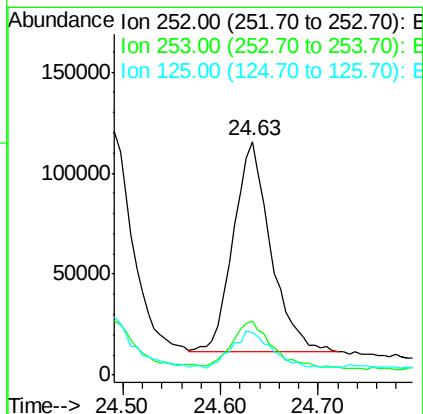
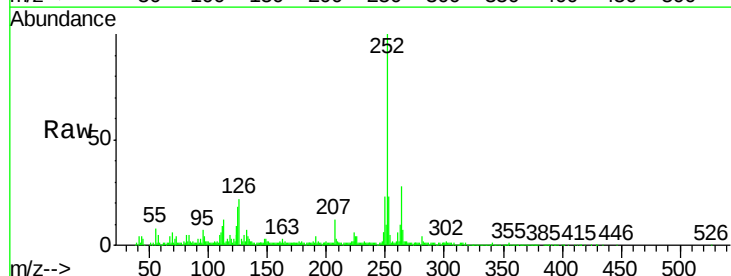
RT: 24.63 min Scan# 3667

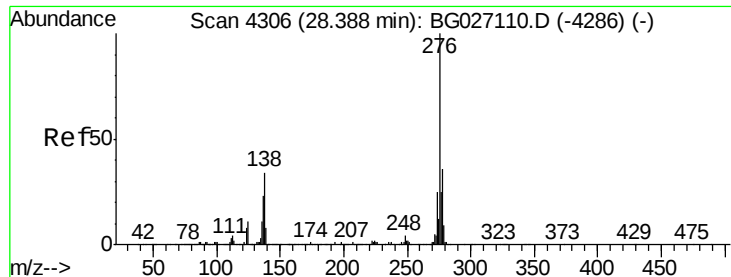
Delta R.T. 0.01 min

Lab File: BG027121.D

Acq: 24 May 2017 8:22

Tgt Ion:	252	Resp:	277132
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	18.3	8.2	12.4#

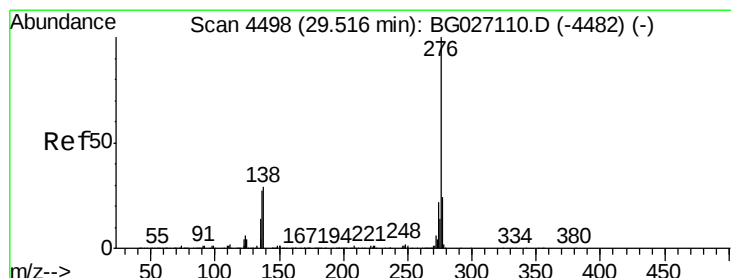
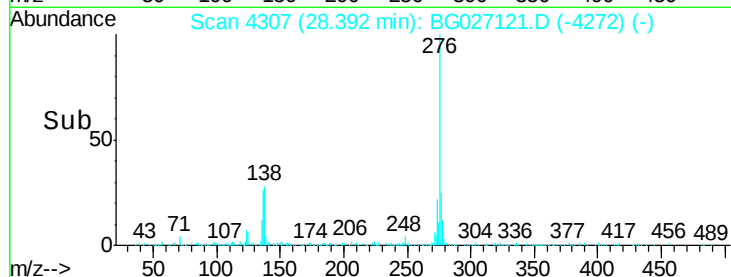
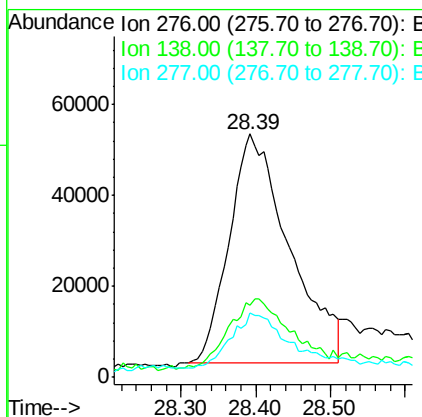
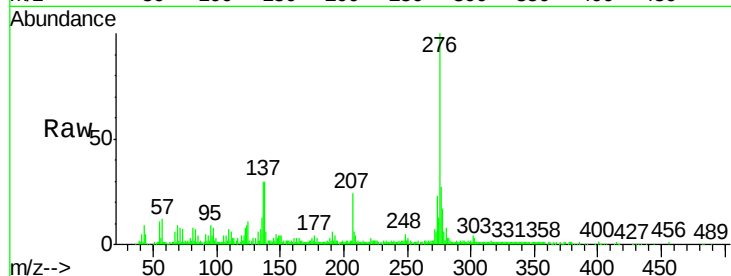




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.87 ng/ul
 RT: 28.39 min Scan# 4307
 Delta R.T. 0.00 min
 Lab File: BG027121.D
 Acq: 24 May 2017 8:22

Instrument :
 BNA_G
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 DAC92

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	14.4	21.6#
277	26.7	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 3.34 ng/ul
 RT: 29.53 min Scan# 4501
 Delta R.T. 0.02 min
 Lab File: BG027121.D
 Acq: 24 May 2017 8:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.4	15.3	22.9#
277	27.3	19.0	28.4

