

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029180.D
 Acq On : 12 Oct 2017 00:41
 Operator : SJ/JU
 Sample : I5668-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 08:54:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:24:22 2017
 Response via : Initial Calibration

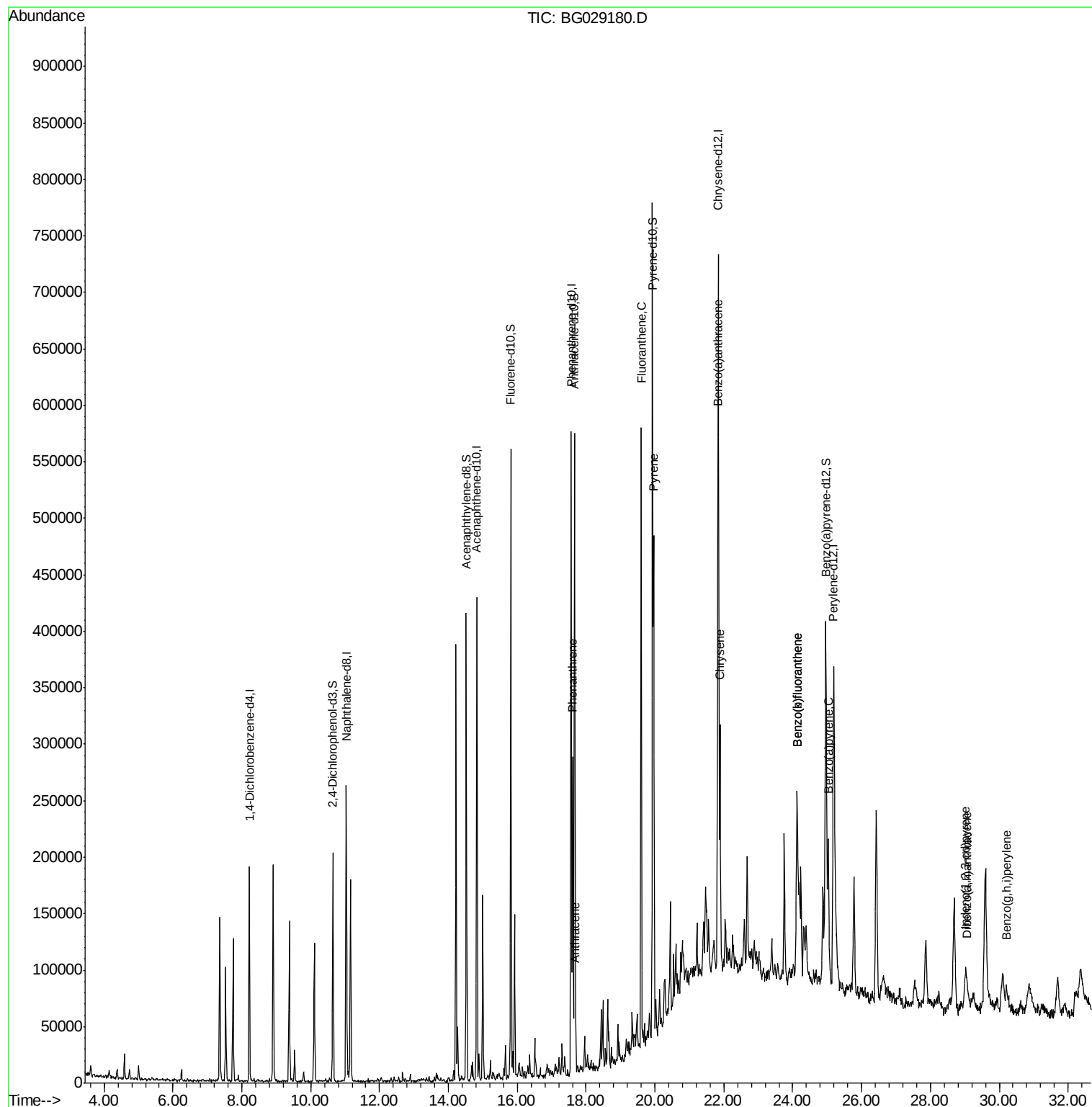
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	51992	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	222430	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	148420	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	346717	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	364499	20.00	ng/ul	0.00
23) Perylene-d12	25.19	264	372536	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.64	165	78550	18.47	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	313353	21.06	ng/ul	0.00
10) Fluorene-d10	15.81	176	231031	19.79	ng/ul	0.00
15) Anthracene-d10	17.66	188	340857	19.89	ng/ul	0.00
19) Pyrene-d10	19.94	212	391462	20.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	368749	19.79	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.60	178	177993	9.48	ng/ul	97
16) Anthracene	17.70	178	35693	1.85	ng/ul	99
17) Fluoranthene	19.60	202	338215	15.30	ng/ul	98
20) Pyrene	19.96	202	285739	12.93	ng/ul	100
21) Benzo(a)anthracene	21.82	228	176196	7.93	ng/ul	95
22) Chrysene	21.89	228	165621	8.26	ng/ul	99
24) Benzo(b)fluoranthene	24.12	252	214440	9.34	ng/ul#	98
25) Benzo(k)fluoranthene	24.12	252	214440	9.48	ng/ul	97
27) Benzo(a)pyrene	25.03	252	154437	6.89	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	29.01	276	83170	3.89	ng/ul	96
29) Dibenzo(a,h)anthracene	29.08	278	22612	1.19	ng/ul#	92
30) Benzo(a,h,i)perylene	30.20	276	23608	1.59	ng/ul#	97

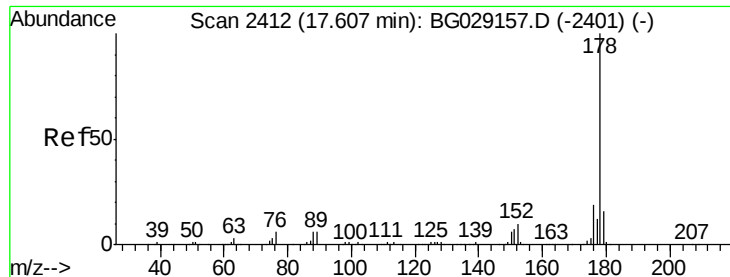
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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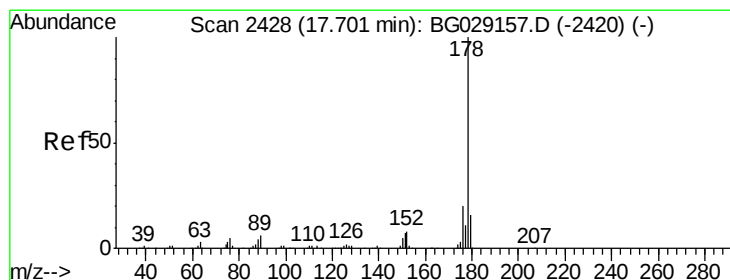
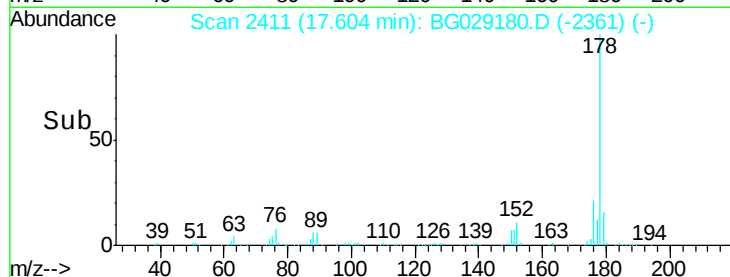
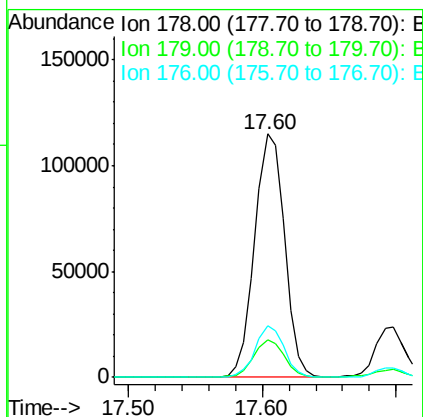
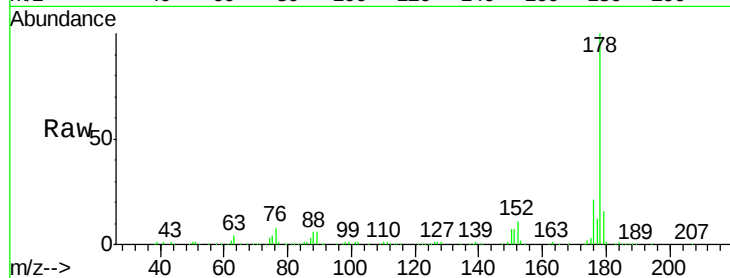




#14
Phenanthrene
Concen: 9.48 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029180.D
Acq: 12 Oct 2017 00:41

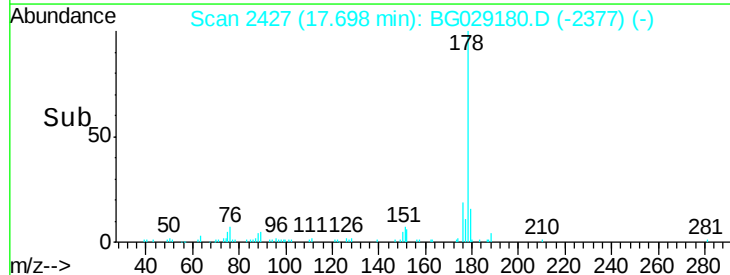
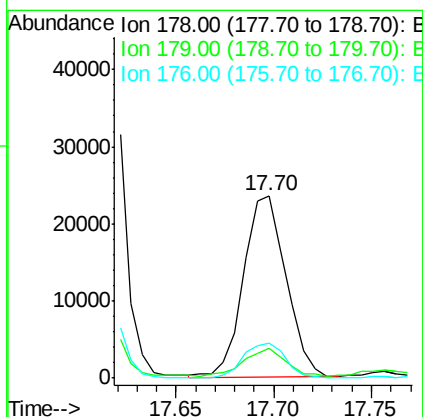
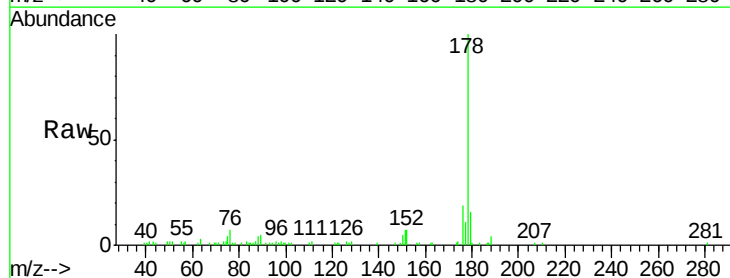
Instrument :
BNA_G
ClientSampleId :

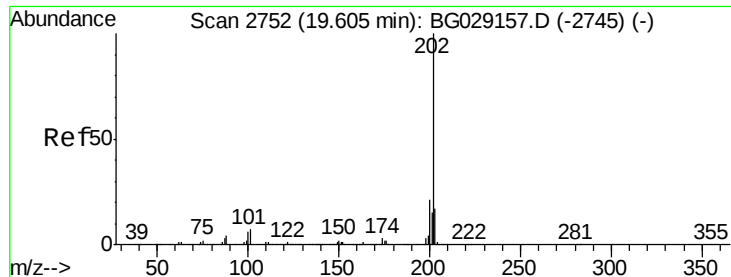
Tot Ion:178 Resp: 177993
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 21.2 15.0 22.6



#16
Anthracene
Concen: 1.85 ng/ul
RT: 17.70 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG029180.D
Acq: 12 Oct 2017 00:41

Tgt Ion:178 Resp: 35693
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 19.2 15.7 23.5

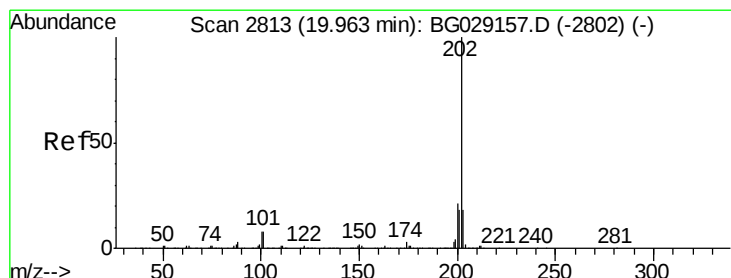
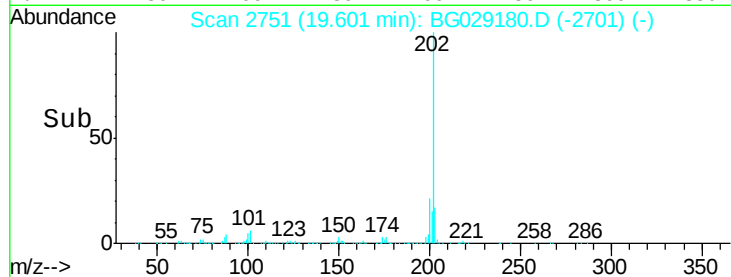
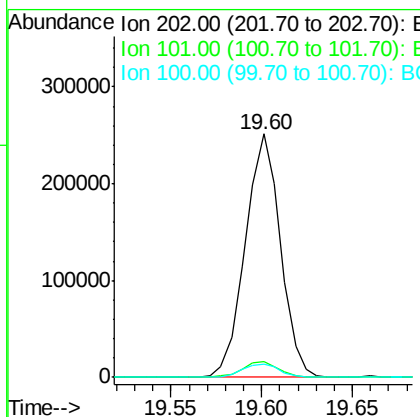
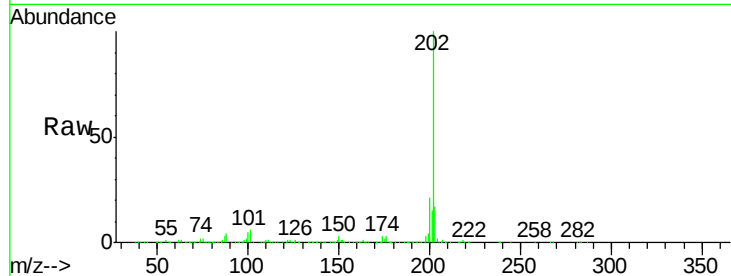




#17
Fluoranthene
 Concen: 15.30 ng/ul
 RT: 19.60 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BG029180.D
 Acq: 12 Oct 2017 00:41

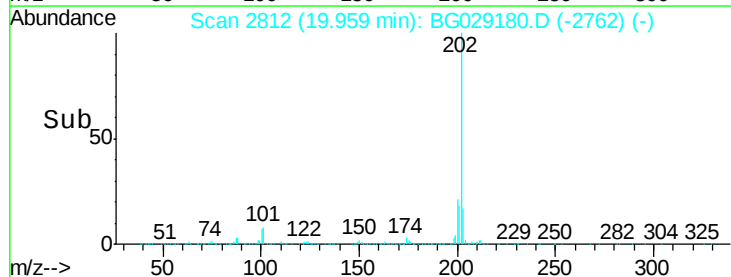
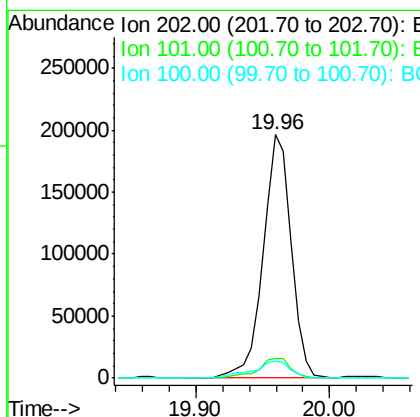
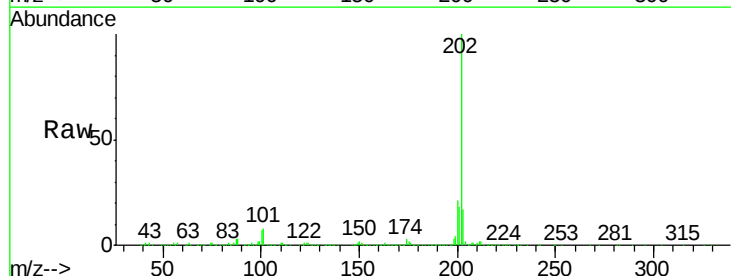
Instrument :
 BNA_G
 ClientSampleId :

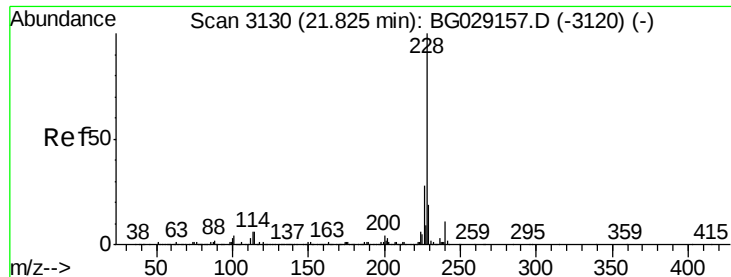
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.6	8.4
100	5.2	4.7	7.1



#20
Pyrene
 Concen: 12.93 ng/ul
 RT: 19.96 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BG029180.D
 Acq: 12 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.5	9.7
100	6.9	5.5	8.3

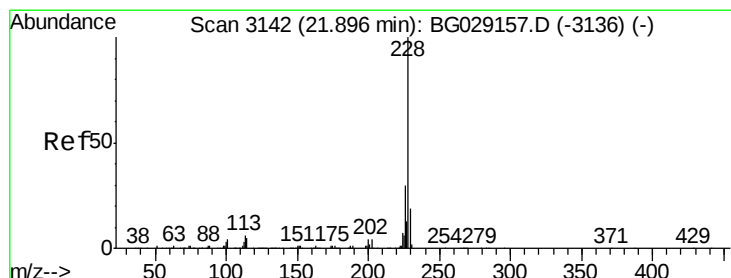
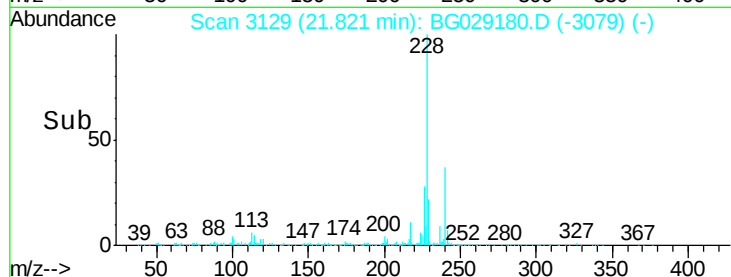
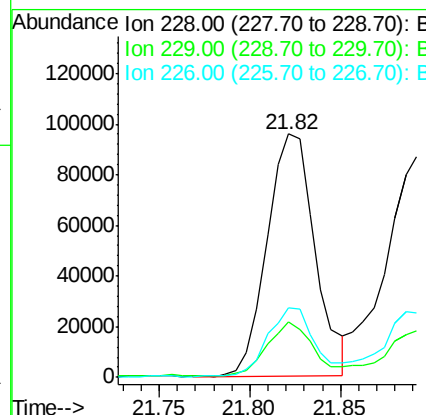
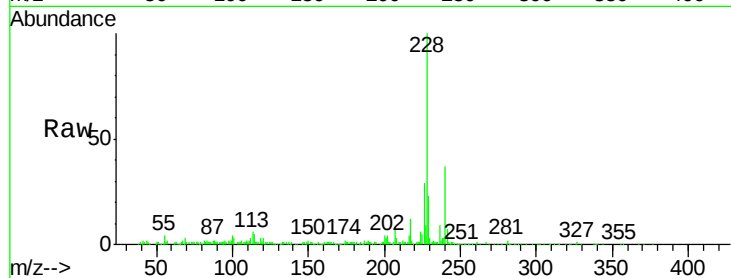




#21
Benzo(a)anthracene
Concen: 7.93 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG029180.D
Acq: 12 Oct 2017 00:41

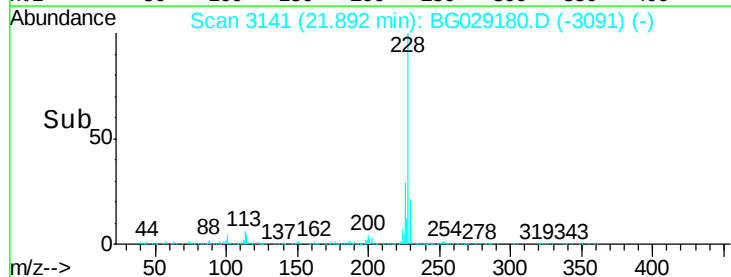
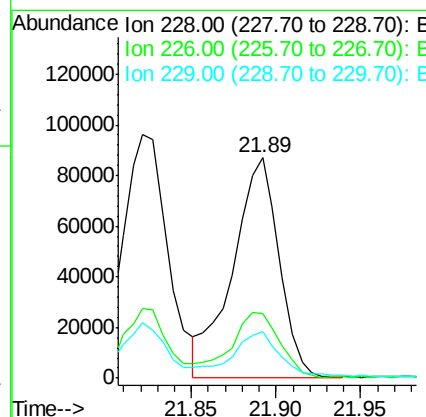
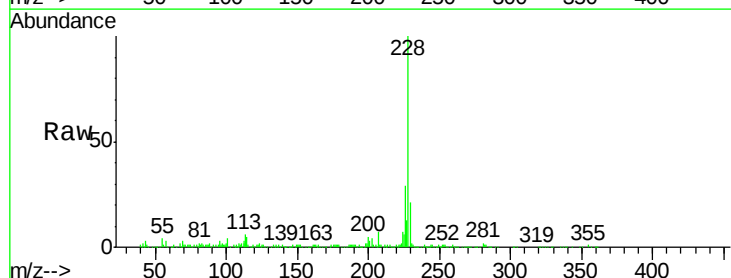
Instrument :
BNA_G
ClientSampleId :

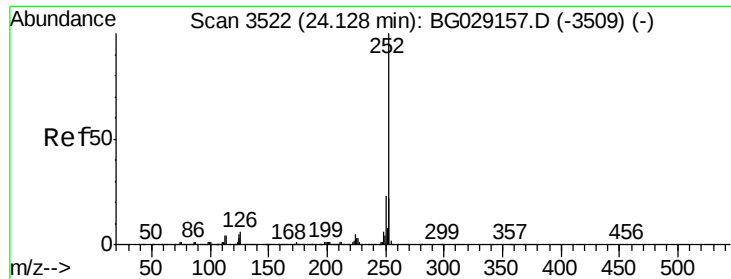
Tot Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.8	23.8
226	28.7	21.6	32.4



#22
Chrysene
Concen: 8.26 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG029180.D
Acq: 12 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	20.9	15.7	23.5





#24

Benzo(b)fluoranthene

Concen: 9.34 ng/ul

RT: 24.12 min Scan# 3521

Delta R.T. -0.00 min

Lab File: BG029180.D

Acq: 12 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

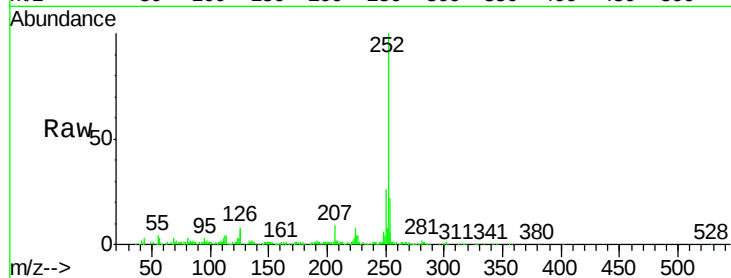
Tot Ion:252 Resp: 214440

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

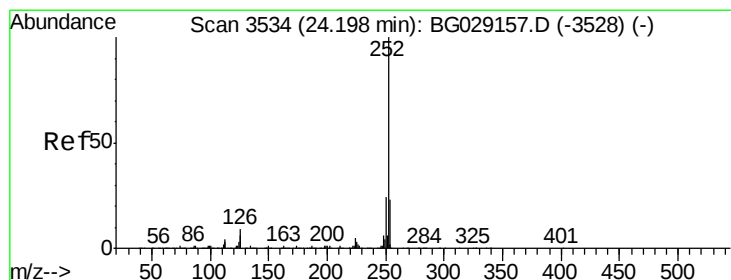
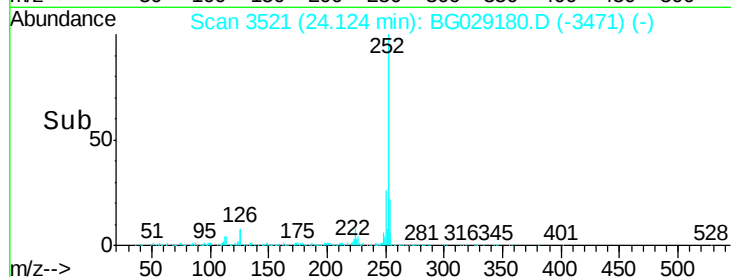
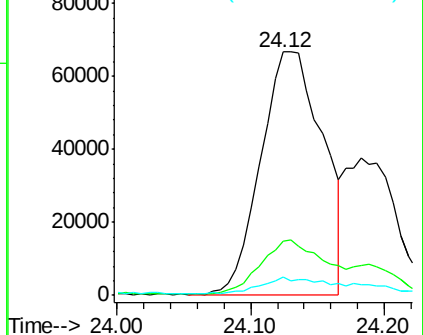
125 7.3 4.5 6.7#



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



#25

Benzo(k)fluoranthene

Concen: 9.48 ng/ul

RT: 24.12 min Scan# 3521

Delta R.T. -0.07 min

Lab File: BG029180.D

Acq: 12 Oct 2017 00:41

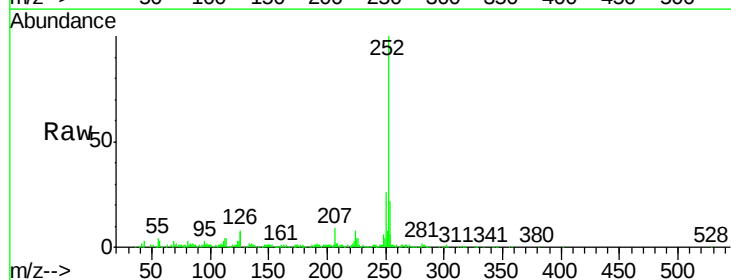
Tgt Ion:252 Resp: 214440

Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

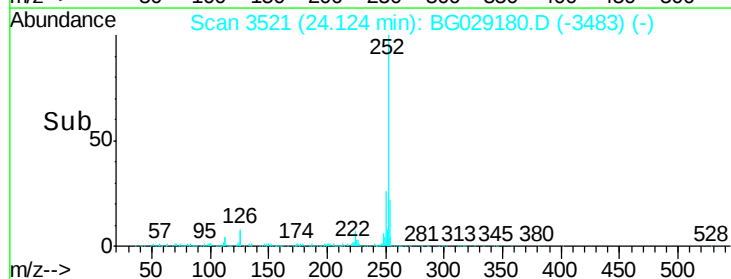
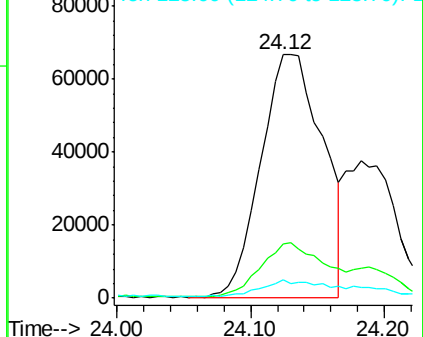
125 7.3 5.1 7.7

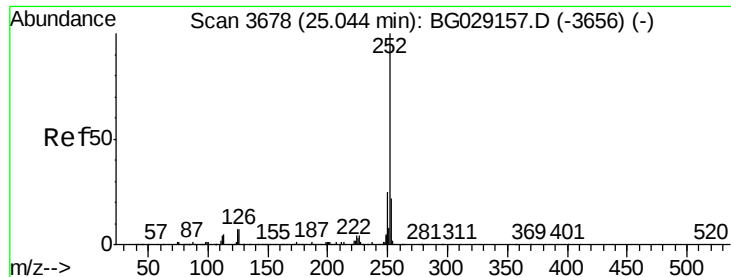


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 6.89 ng/ul

RT: 25.03 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG029180.D

Acq: 12 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

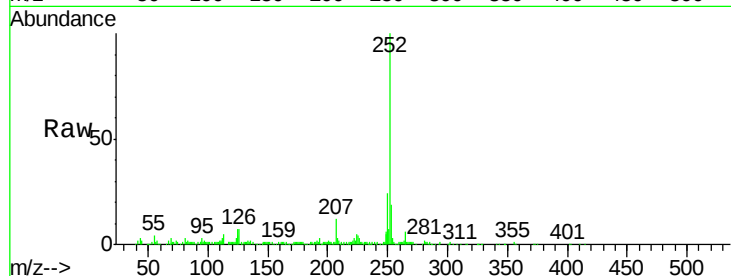
Tot Ion:252 Resp: 154437

Ion	Ratio	Lower	Upper
252	100		
253	18.8	17.6	26.4
125	6.8	5.4	8.2

252 100

253 18.8 17.6 26.4

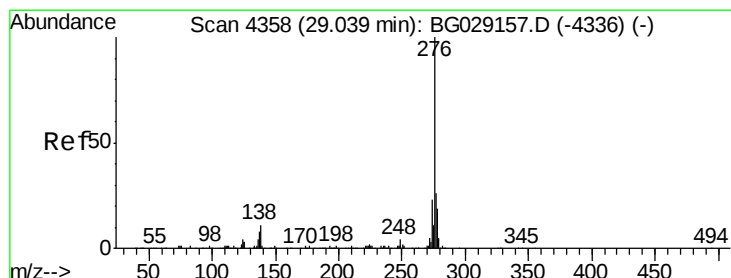
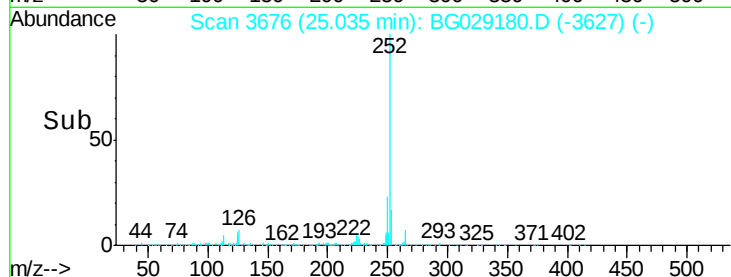
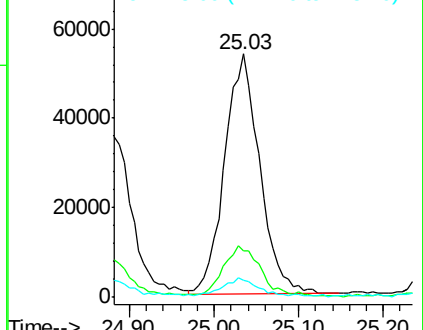
125 6.8 5.4 8.2



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 3.89 ng/ul

RT: 29.01 min Scan# 4353

Delta R.T. -0.03 min

Lab File: BG029180.D

Acq: 12 Oct 2017 00:41

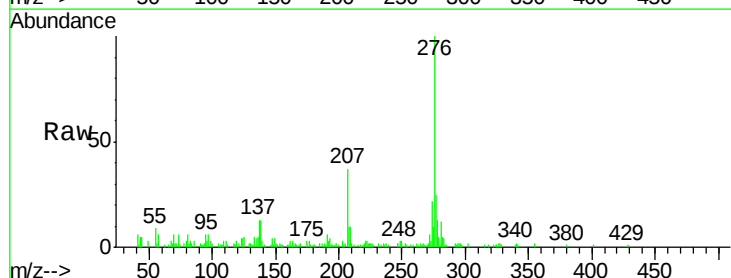
Tgt Ion:276 Resp: 83170

Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.5	14.3
277	25.1	18.1	27.1

276 100

138 12.7 9.5 14.3

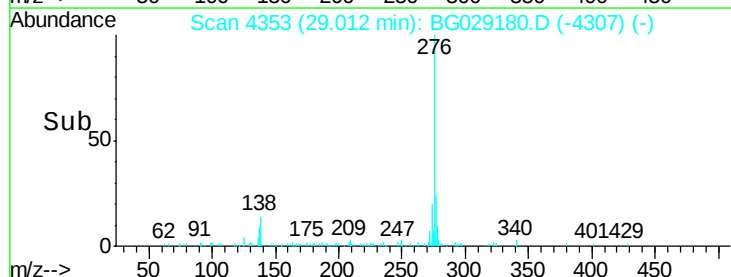
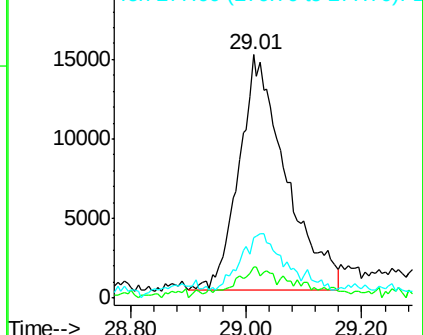
277 25.1 18.1 27.1

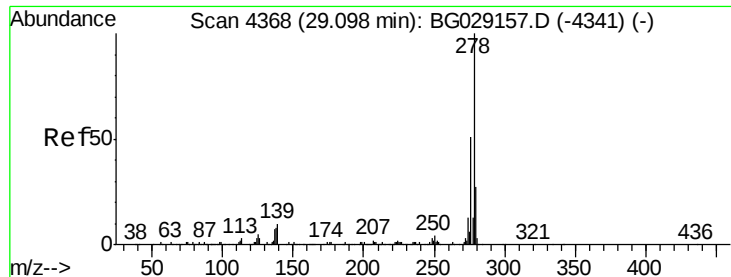


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Dibenzo(a,h)anthracene

Concen: 1.19 ng/ul

RT: 29.08 min Scan# 4364

Delta R.T. -0.02 min

Lab File: BG029180.D

Acq: 12 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

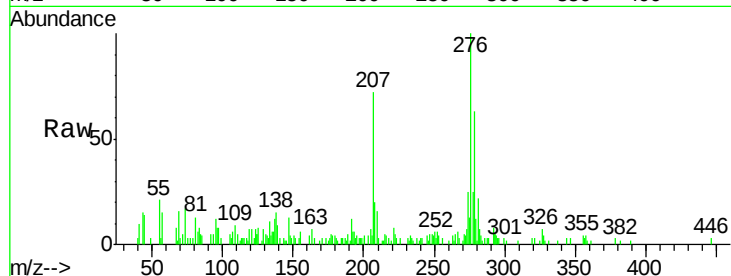
Tot Ion:278 Resp: 22612

Ion Ratio Lower Upper

278 100

139 14.3 8.3 12.5#

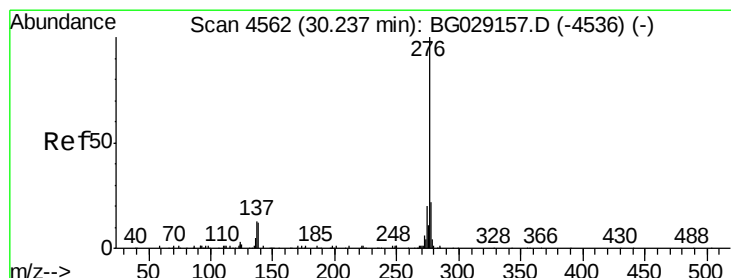
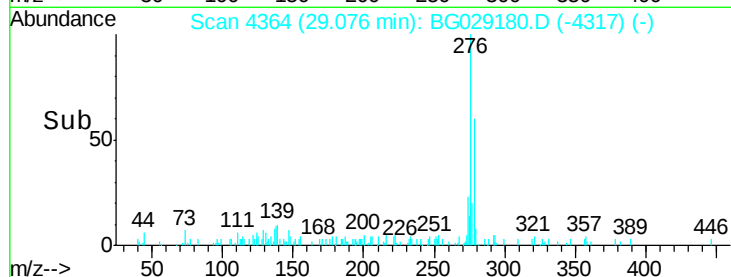
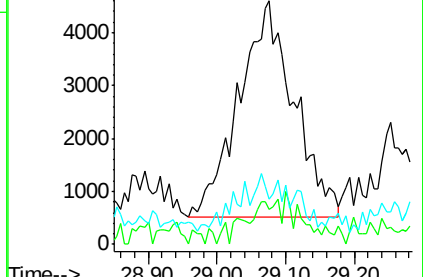
279 18.4 17.1 25.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Benzo(g,h,i)perylene

Concen: 1.59 ng/ul

RT: 30.20 min Scan# 4556

Delta R.T. -0.03 min

Lab File: BG029180.D

Acq: 12 Oct 2017 00:41

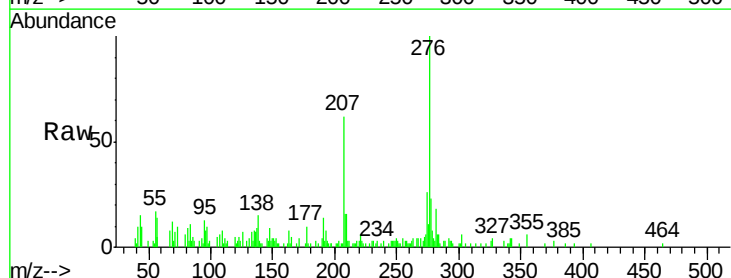
Tgt Ion:276 Resp: 23608

Ion Ratio Lower Upper

276 100

138 14.6 9.3 13.9#

277 22.9 17.9 26.9



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

