

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029181.D
 Acq On : 12 Oct 2017 1:21
 Operator : SJ/JU
 Sample : I5668-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 08:54:23 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

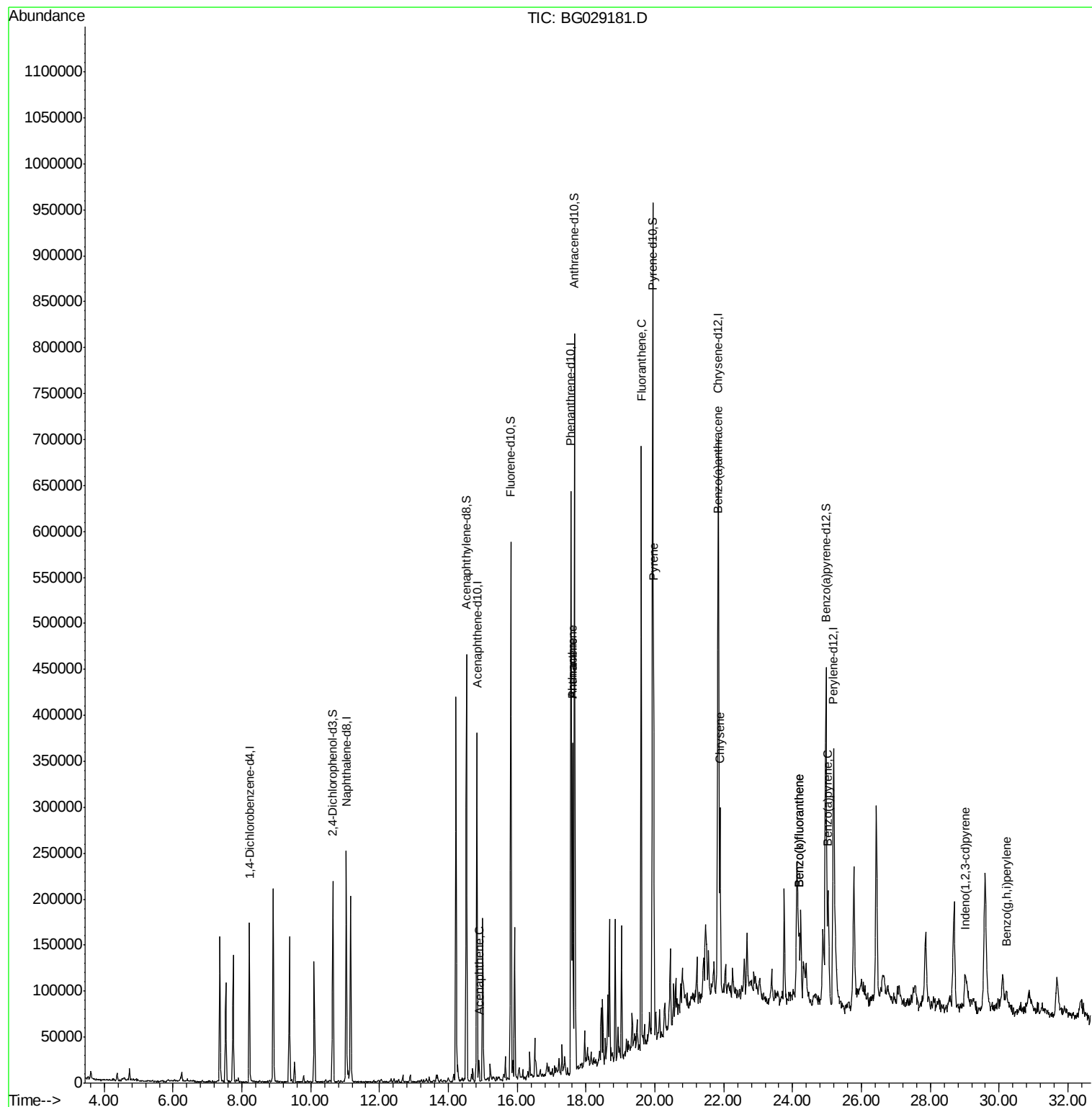
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48229	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	208750	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	137380	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	393297	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	341597	20.00	ng/ul	0.00
23) Perylene-d12	25.18	264	356521	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	87364	21.89	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	341539	24.80	ng/ul	0.00
10) Fluorene-d10	15.81	176	253921	23.50	ng/ul	0.00
15) Anthracene-d10	17.66	188	464473	23.89	ng/ul	0.00
19) Pyrene-d10	19.93	212	471933	26.29	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	422754	23.71	ng/ul	0.00
Target Compounds				Qvalue		
9) Acenaphthene	14.89	153	9971	1.08	ng/ul	93
14) Phenanthrene	17.61	178	226517	10.63	ng/ul	100
16) Anthracene	17.61	178	226517	10.37	ng/ul	98
17) Fluoranthene	19.60	202	377853	15.07	ng/ul#	94
20) Pyrene	19.96	202	289032	13.96	ng/ul	97
21) Benzo(a)anthracene	21.82	228	166653	8.01	ng/ul	97
22) Chrysene	21.89	228	153904	8.19	ng/ul	100
24) Benzo(b)fluoranthene	24.19	252	72100	3.28	ng/ul	99
25) Benzo(k)fluoranthene	24.19	252	71963	3.33	ng/ul	98
27) Benzo(a)pyrene	25.03	252	137404	6.41	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	29.01	276	80793	3.95	ng/ul#	88
30) Benzo(a,h,i)perylene	30.21	276	53480	3.75	ng/ul#	92

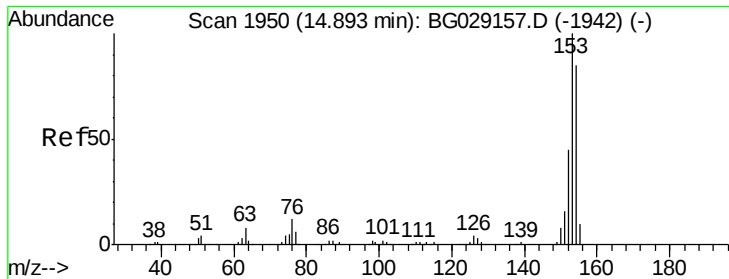
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029181.D
Acq On : 12 Oct 2017 1:21
Operator : SJ/JU
Sample : I5668-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 12 08:54:23 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





#9

Acenaphthene

Concen: 1.08 ng/ul

RT: 14.89 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

Instrument :

BNA_G

ClientSampleId :

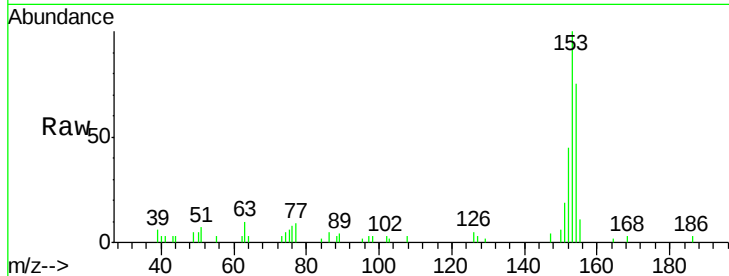
Tot Ion:153 Resp: 9971

Ion Ratio Lower Upper

153 100

152 45.4 36.2 54.4

154 75.5 68.4 102.6

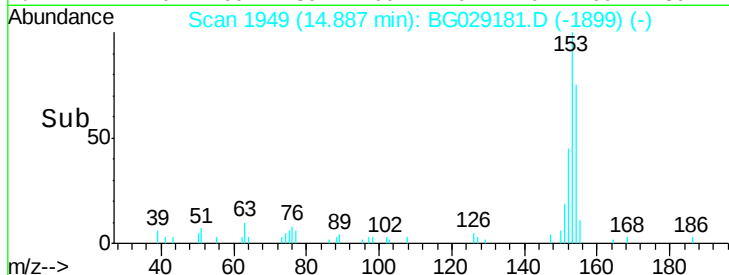


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

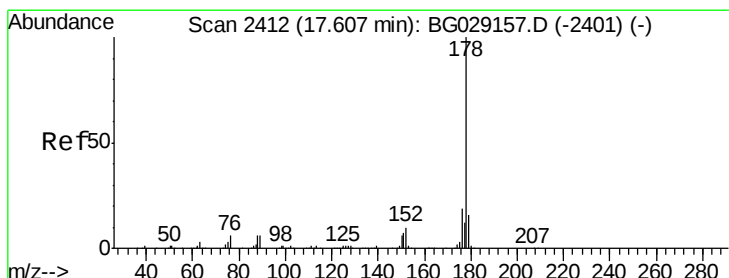
Ion 154.00 (153.70 to 154.70): E

Time-->



14.89

Time-->



#14

Phenanthrene

Concen: 10.63 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

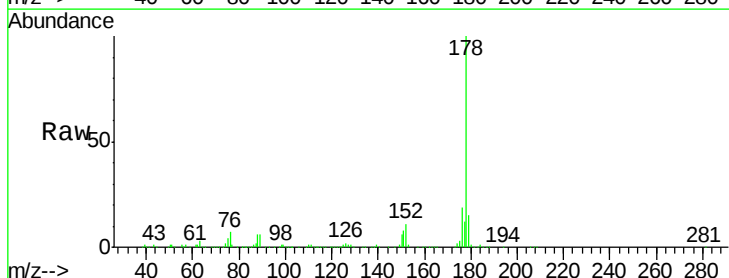
Tgt Ion:178 Resp: 226517

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

176 18.8 15.0 22.6

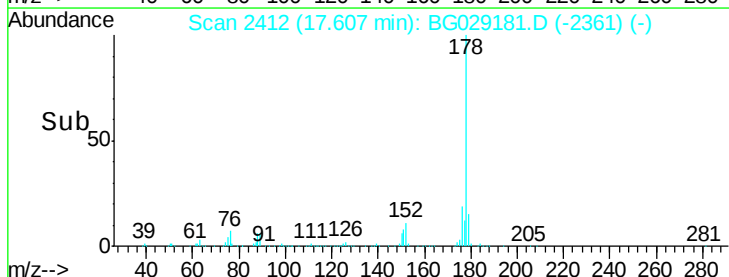


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

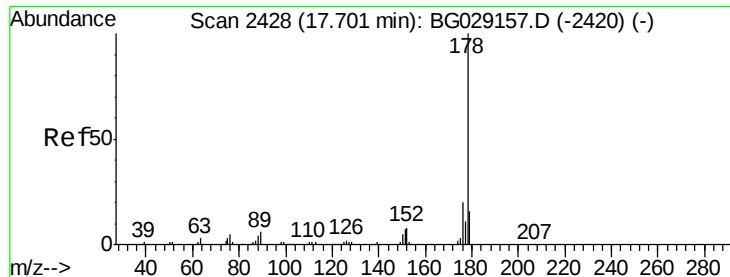
Ion 176.00 (175.70 to 176.70): E

Time-->



17.61

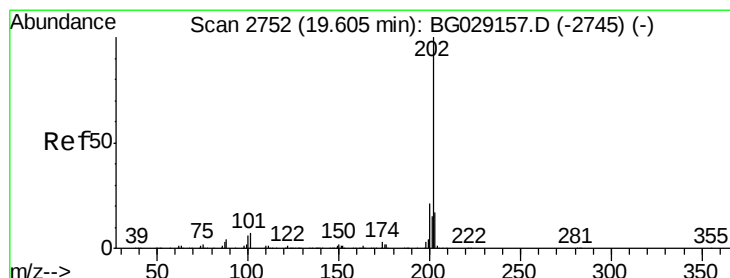
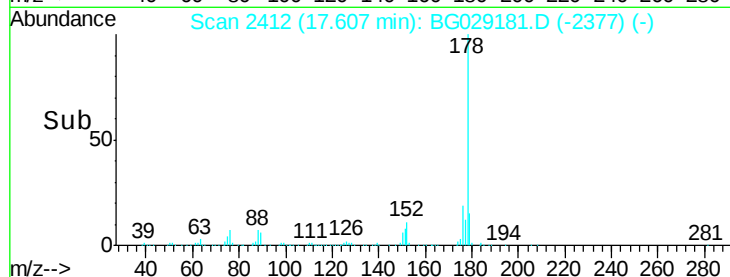
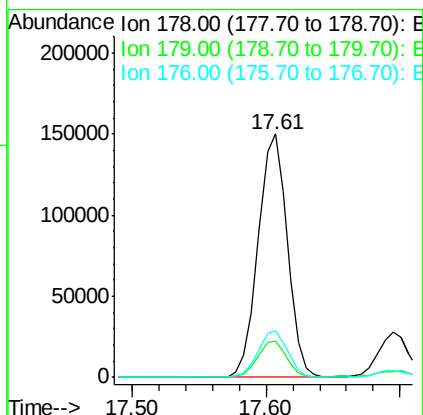
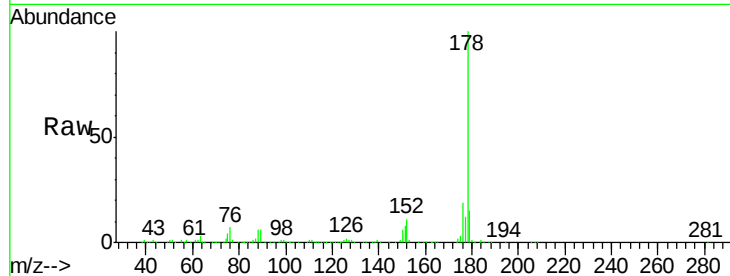
Time-->



#16
 Anthracene
 Concen: 10.37 ng/ul
 RT: 17.61 min Scan# 2412
 Delta R.T. -0.09 min
 Lab File: BG029181.D
 Acq: 12 Oct 2017 1:21

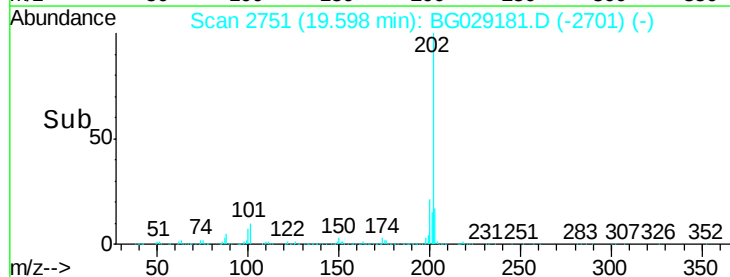
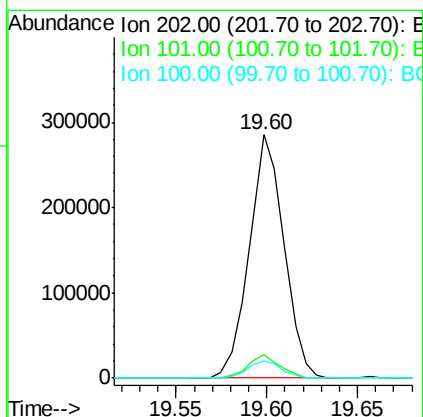
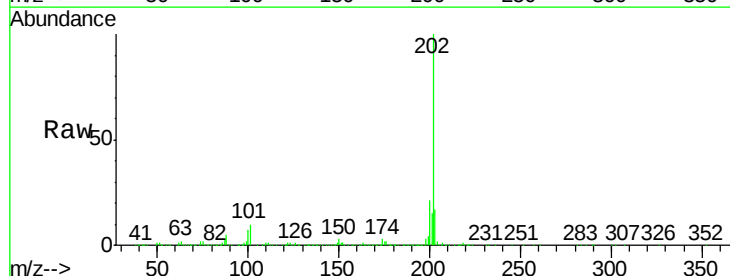
Instrument :
 BNA_G
 ClientSampleId :

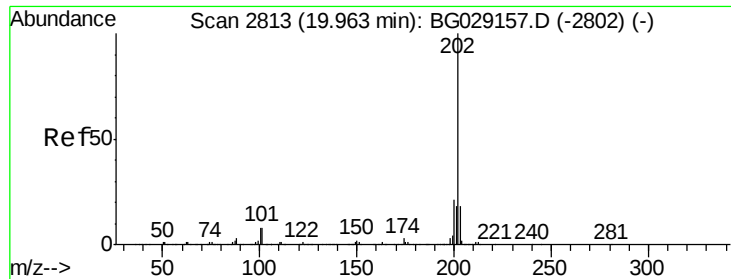
Tot Ion:178 Resp: 226517
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.5 18.7
 176 18.8 15.7 23.5



#17
 Fluoranthene
 Concen: 15.07 ng/ul
 RT: 19.60 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BG029181.D
 Acq: 12 Oct 2017 1:21

Tgt Ion:202 Resp: 377853
 Ion Ratio Lower Upper
 202 100
 101 9.7 5.6 8.4#
 100 7.2 4.7 7.1#

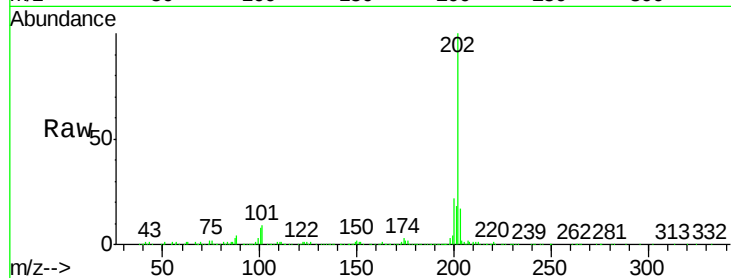




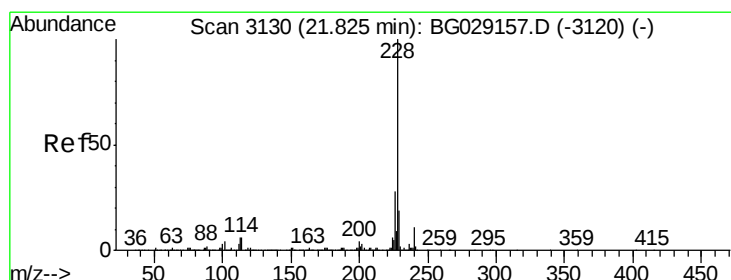
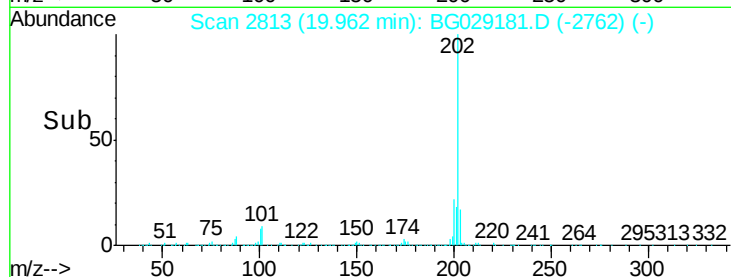
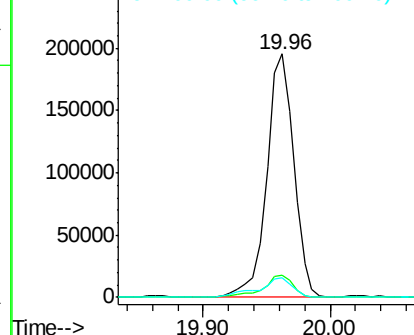
#20
Pvrene
Concen: 13.96 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG029181.D
Acq: 12 Oct 2017 1:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.5	9.7
100	8.0	5.5	8.3

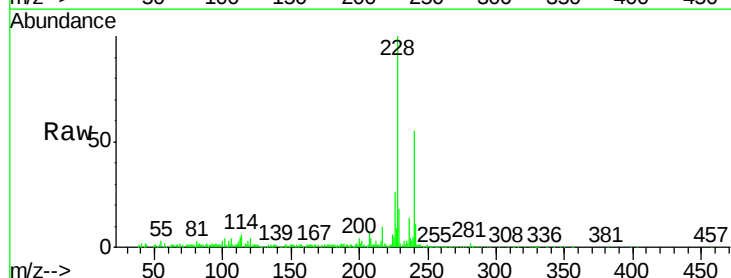


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

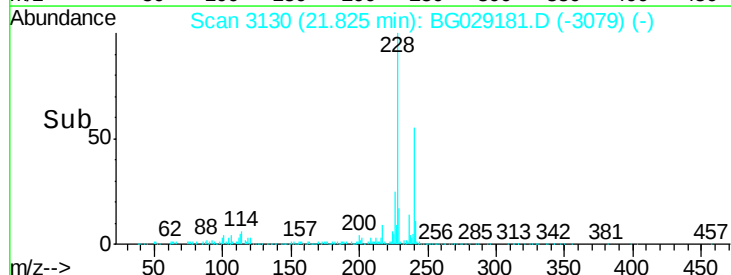
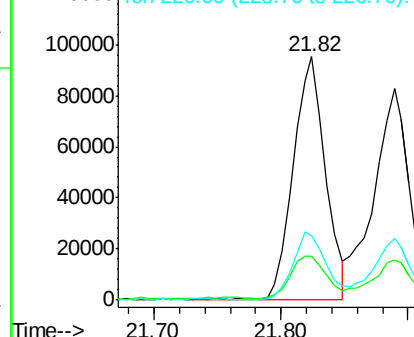


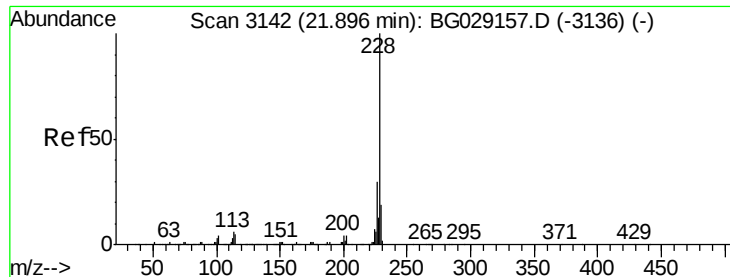
#21
Benzo(a)anthracene
Concen: 8.01 ng/ul
RT: 21.82 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG029181.D
Acq: 12 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.9	15.8	23.8
226	26.3	21.6	32.4



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





#22

Chrysene

Concen: 8.19 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

Instrument :

BNA_G

ClientSampleId :

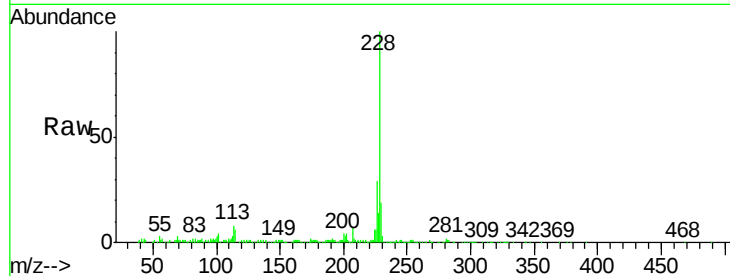
Tot Ion:228 Resp: 153904

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.0

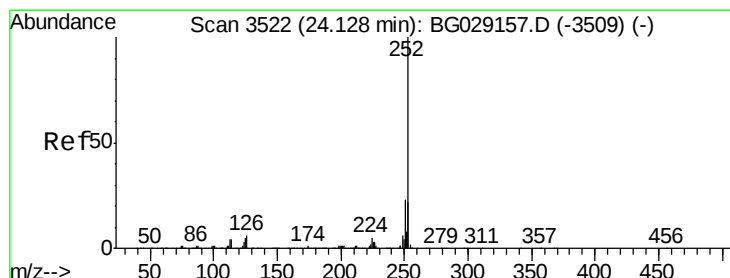
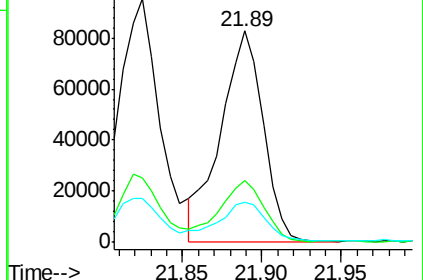
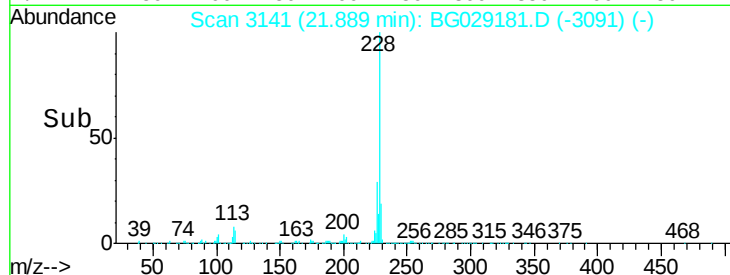
229 19.3 15.7 23.5



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



#24

Benzo(b)fluoranthene

Concen: 3.28 ng/ul

RT: 24.19 min Scan# 3533

Delta R.T. 0.06 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

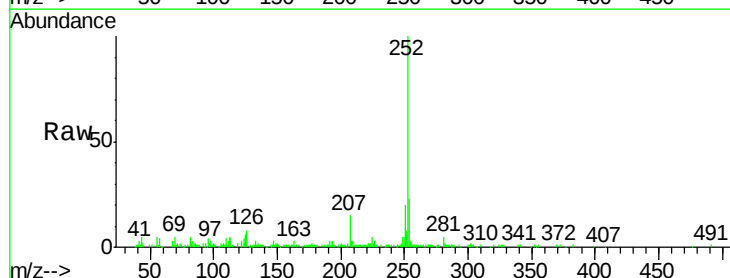
Tgt Ion:252 Resp: 72100

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

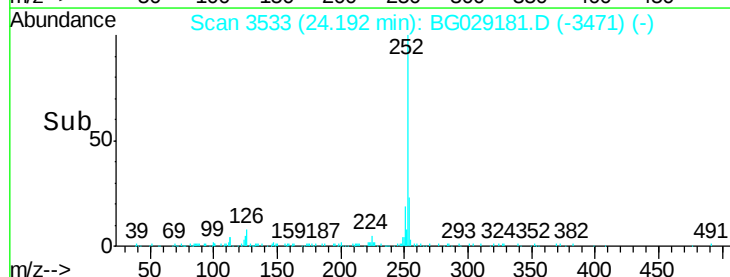
125 6.4 4.5 6.7



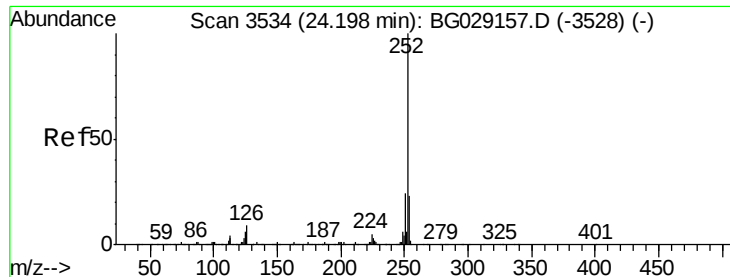
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#25

Benzo(k)fluoranthene

Concen: 3.33 ng/ul

RT: 24.19 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

Instrument :

BNA_G

ClientSampleId :

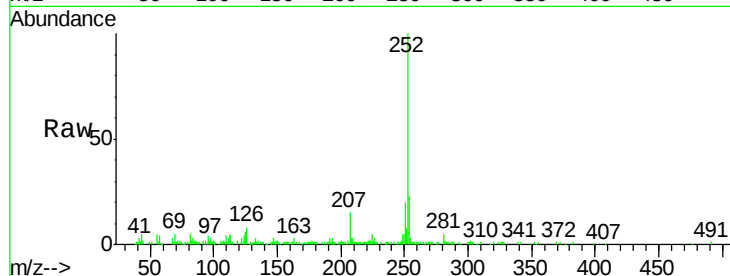
Tot Ion:252 Resp: 71963

Ion Ratio Lower Upper

252 100

253 22.5 16.8 25.2

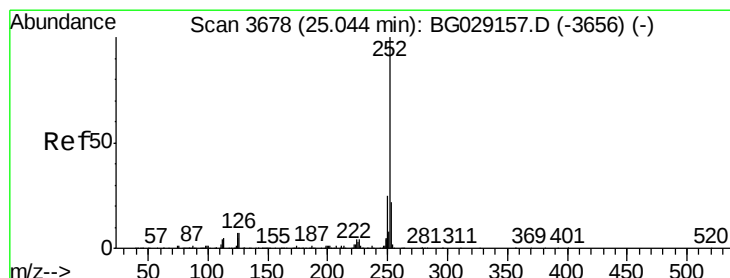
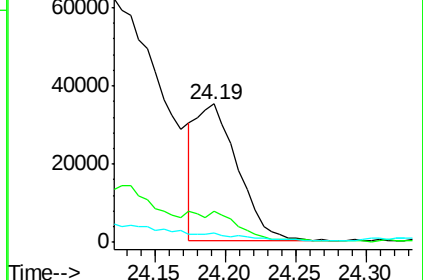
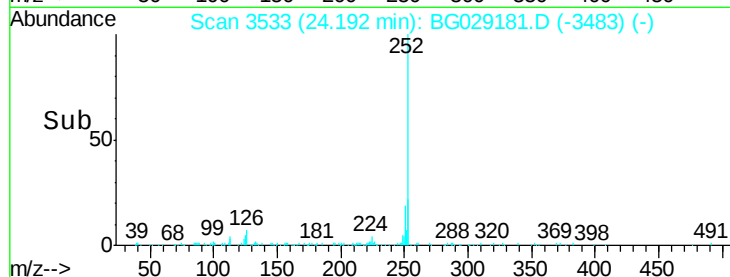
125 6.4 5.1 7.7



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: 6.41 ng/ul

RT: 25.03 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

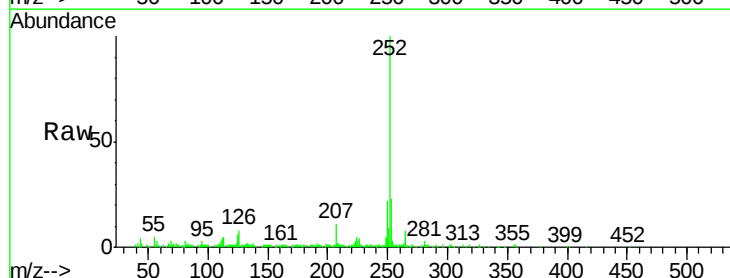
Tgt Ion:252 Resp: 137404

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

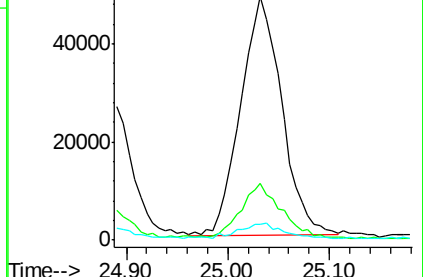
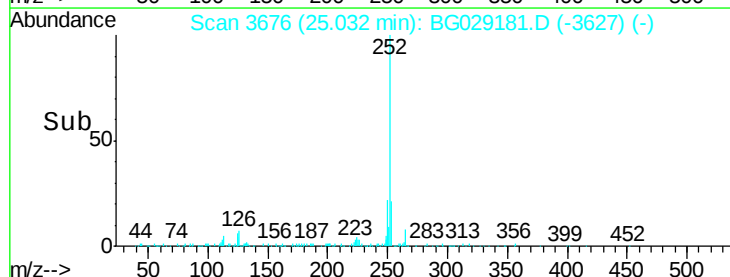
125 6.3 5.4 8.2

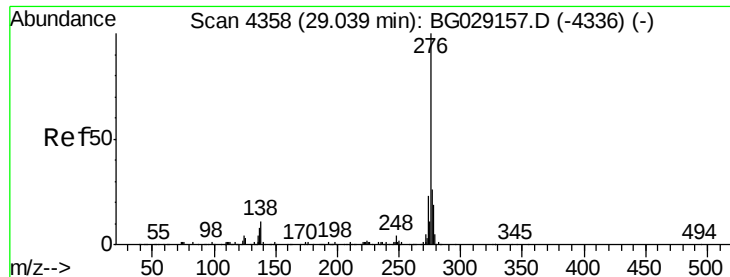


Abundance Ion 252.00 (251.70 to 252.70): E

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: 3.95 ng/ul

RT: 29.01 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG029181.D

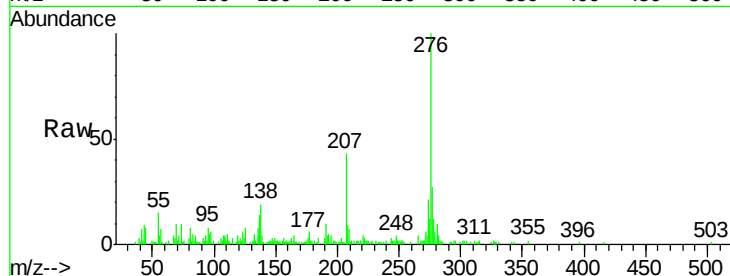
Acq: 12 Oct 2017 1:21

Instrument :

BNA_G

ClientSampleId :

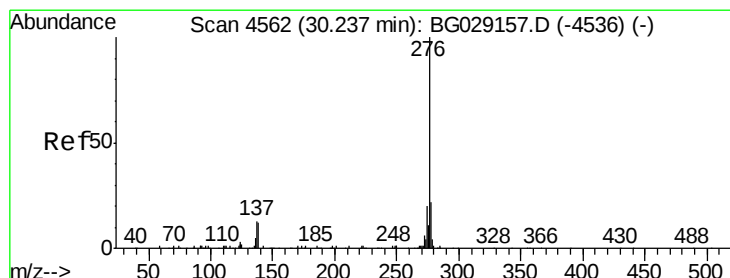
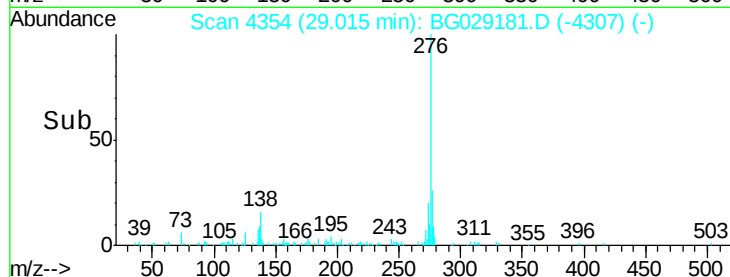
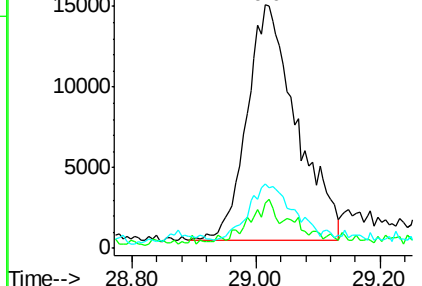
Tot Ion:276	Resp:	80793
Ion Ratio	Lower	Upper
276	100	
138	18.7	9.5 14.3#
277	26.7	18.1 27.1



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



#30

Benzo(g,h,i)perylene

Concen: 3.75 ng/ul

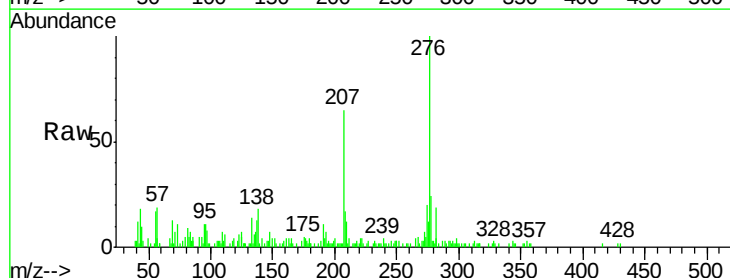
RT: 30.21 min Scan# 4558

Delta R.T. -0.02 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

Tgt Ion:276	Resp:	53480
Ion Ratio	Lower	Upper
276	100	
138	18.0	9.3 13.9#
277	24.0	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

