

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026223.D
 Acq On : 13 Mar 2017 22:25
 Operator : SJ/MA
 Sample : I2217-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2W5

Quant Time: Mar 15 06:54:33 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 06:53:58 2017
 Response via : Initial Calibration

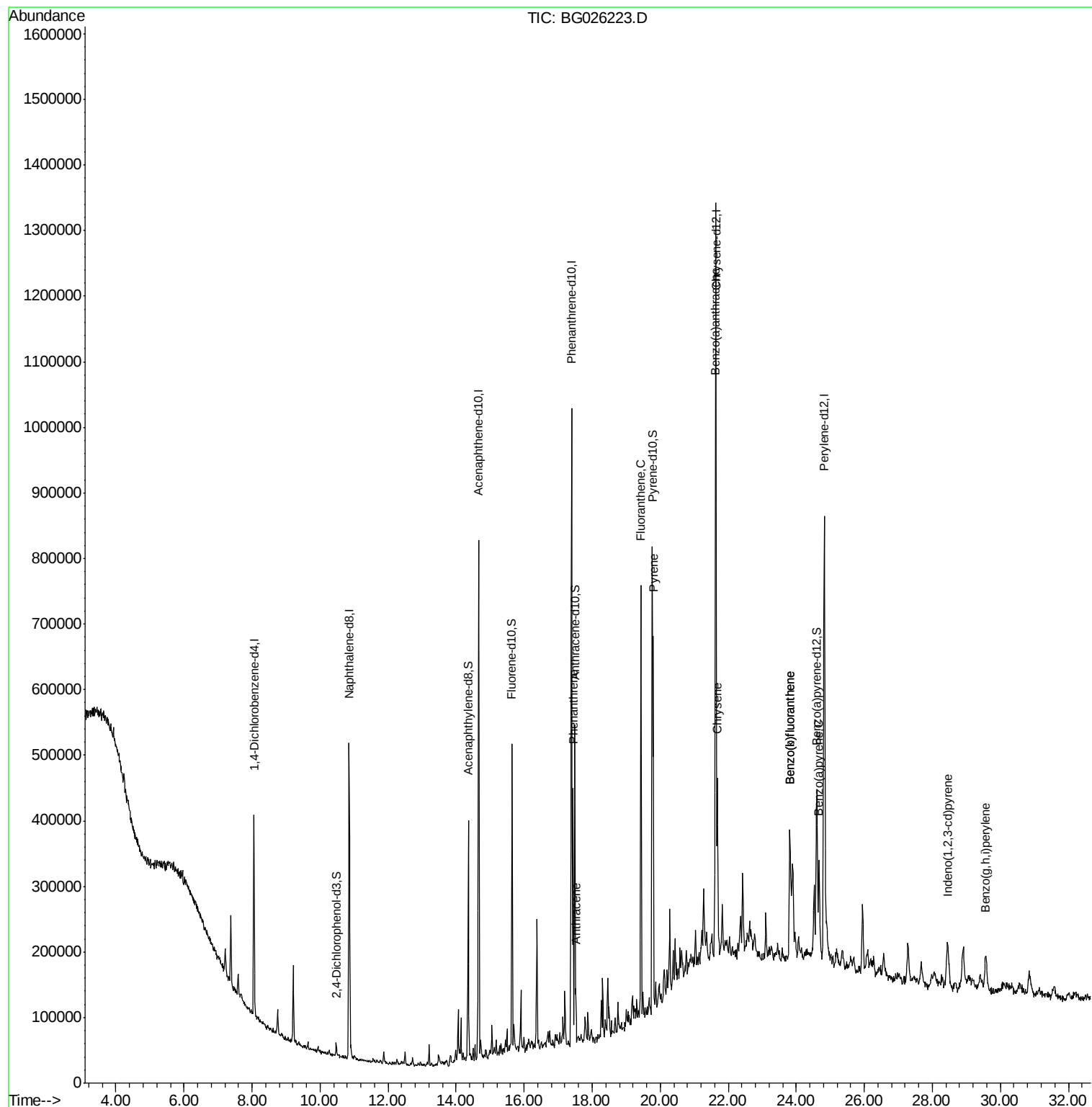
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	87190	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	429918	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	261891	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	600256	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	629570	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	599259	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	8546	1.34	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	272177	12.19	ng/ul	0.00
10) Fluorene-d10	15.64	176	198910	12.21	ng/ul	0.00
15) Anthracene-d10	17.49	188	270863	10.15	ng/ul	0.00
19) Pyrene-d10	19.77	212	312404	9.72	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	261022	10.10	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	235989	7.42	ng/ul	99
16) Anthracene	17.52	178	46608	1.45	ng/ul	97
17) Fluoranthene	19.43	202	389365	11.79	ng/ul	99
20) Pyrene	19.79	202	346585	8.65	ng/ul	99
21) Benzo(a)anthracene	21.62	228	188612	5.38	ng/ul	96
22) Chrysene	21.68	228	186677	5.71	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	233645	6.87	ng/ul	97
25) Benzo(k)fluoranthene	23.82	252	233645	7.19	ng/ul	96
27) Benzo(a)pyrene	24.67	252	152622	4.83	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.45	276	99178	2.82	ng/ul#	91
30) Benzo(g,h,i)perylene	29.56	276	43607	1.45	ng/ul	93

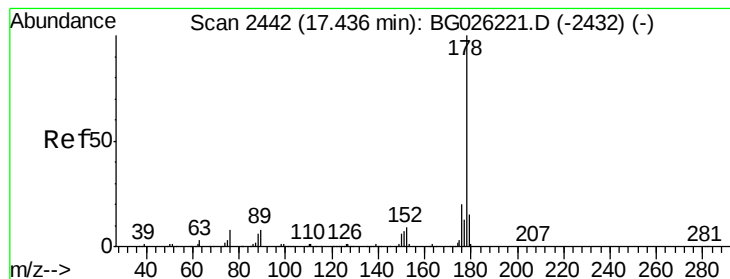
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 7.42 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG026223.D

Acq: 13 Mar 2017 22:25

Instrument :

BNA_G

ClientSampleId :

CB2W5

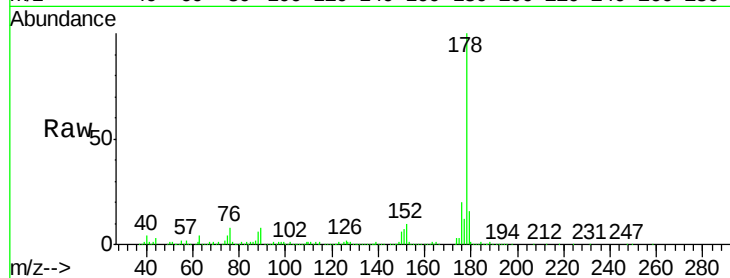
Tgt Ion:178 Resp: 235989

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

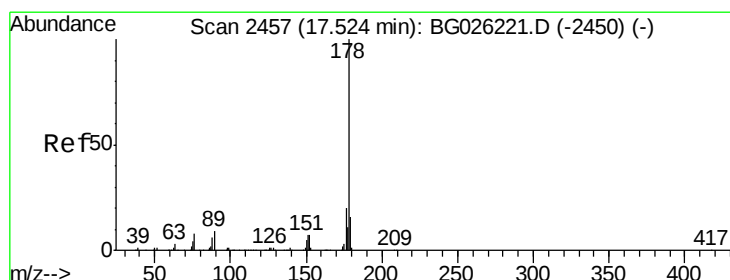
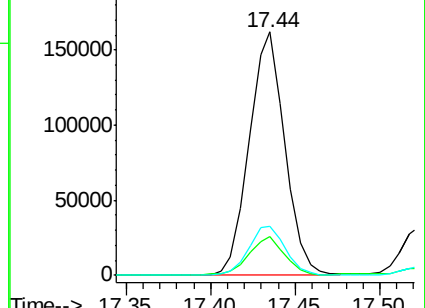
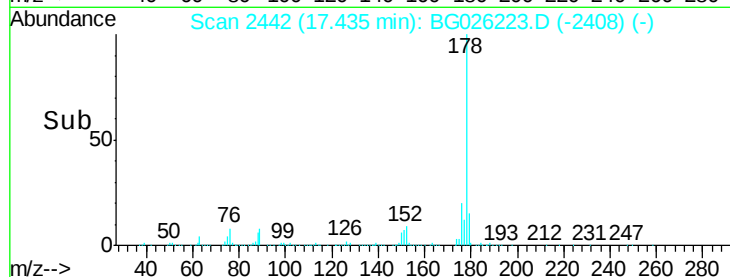
176 20.3 16.4 24.6



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



#16

Anthracene

Concen: 1.45 ng/ul

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG026223.D

Acq: 13 Mar 2017 22:25

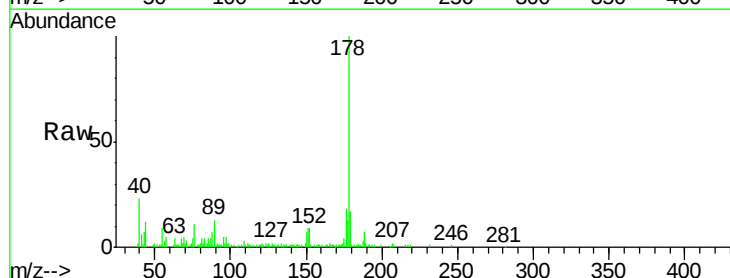
Tgt Ion:178 Resp: 46608

Ion Ratio Lower Upper

178 100

179 16.9 12.7 19.1

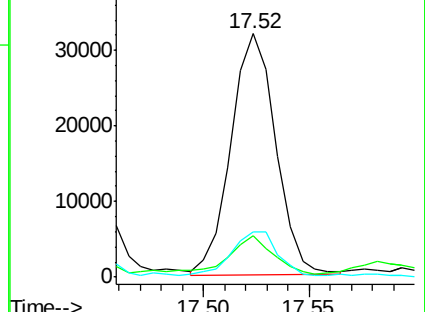
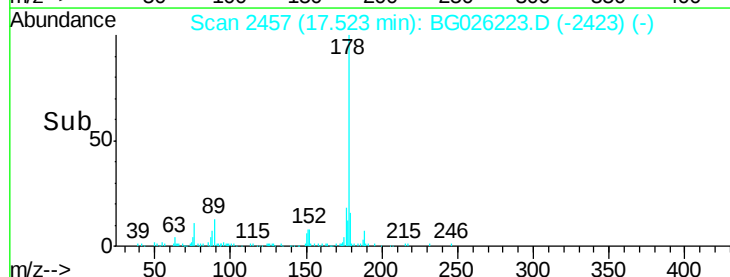
176 18.4 15.8 23.8

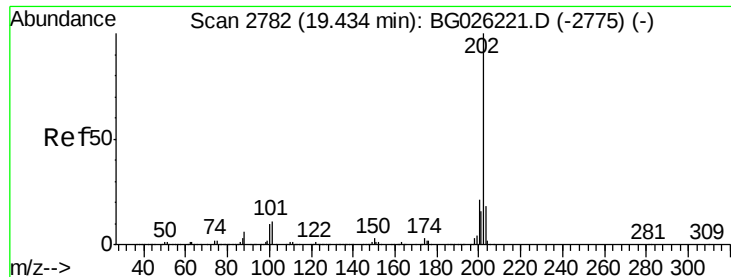


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

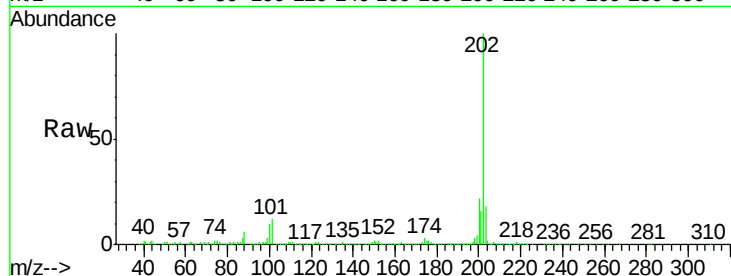




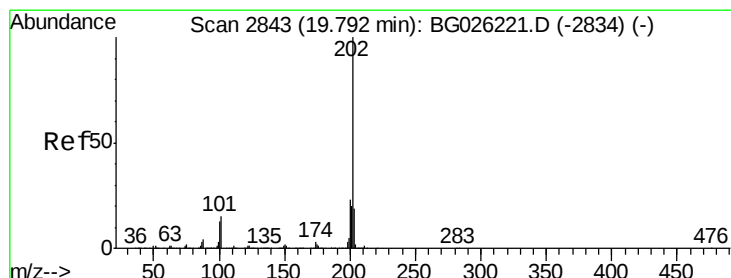
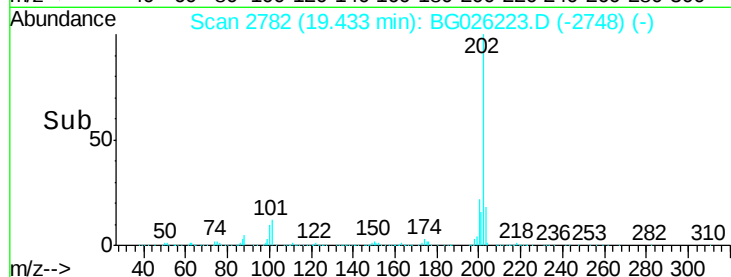
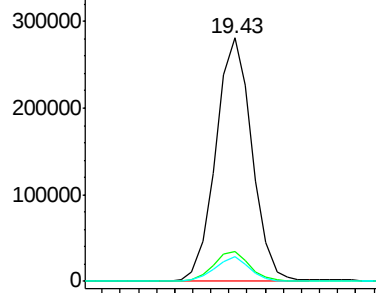
#17
Fluoranthene
 Concen: 11.79 ng/u1
 RT: 19.43 min Scan# 2782
 Delta R.T. -0.00 min
 Lab File: BG026223.D
 Acq: 13 Mar 2017 22:25

Instrument :
 BNA_G
 ClientSampleId :
 CB2W5

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	10.0	7.5	11.3

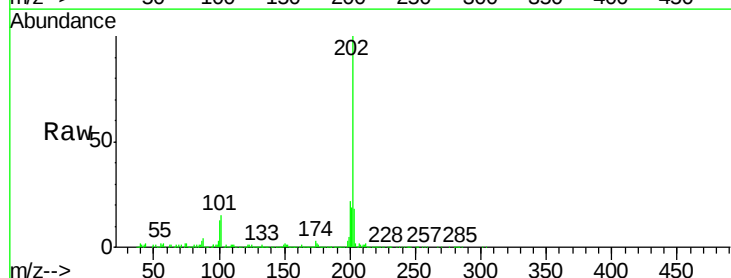


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

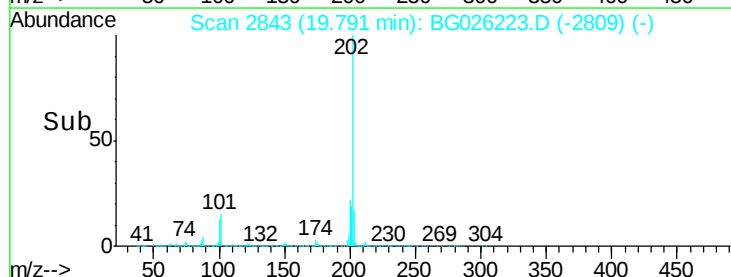
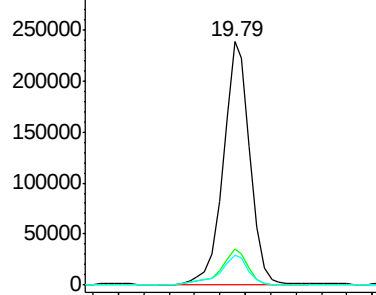


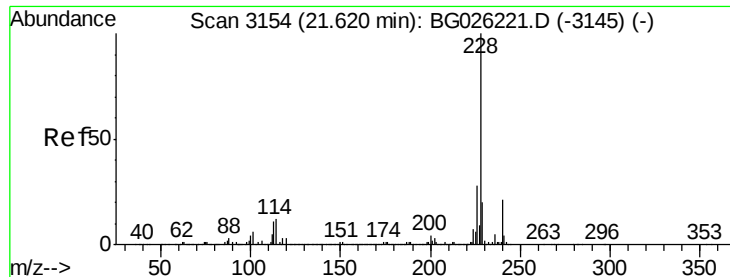
#20
Pyrene
 Concen: 8.65 ng/u1
 RT: 19.79 min Scan# 2843
 Delta R.T. -0.00 min
 Lab File: BG026223.D
 Acq: 13 Mar 2017 22:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.2	16.8
100	12.5	9.8	14.6



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





#21

Benzo(a)anthracene

Concen: 5.38 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG026223.D

Acq: 13 Mar 2017 22:25

Instrument :

BNA_G

ClientSampleId :

CB2W5

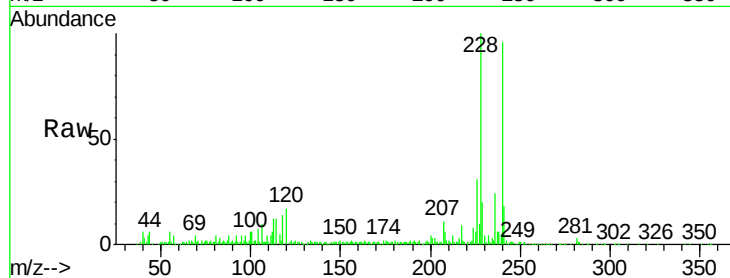
Tgt Ion:228 Resp: 188612

Ion Ratio Lower Upper

228 100

229 19.5 15.9 23.9

226 30.6 22.1 33.1

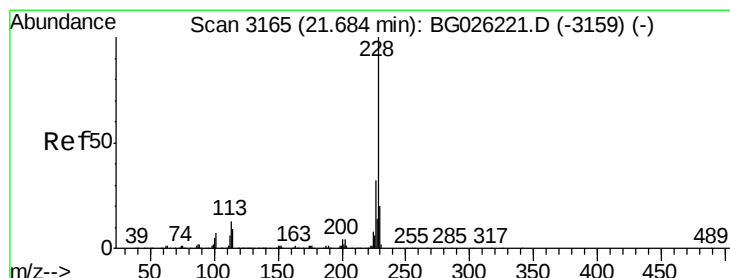
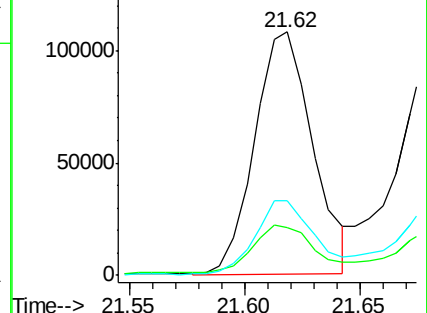
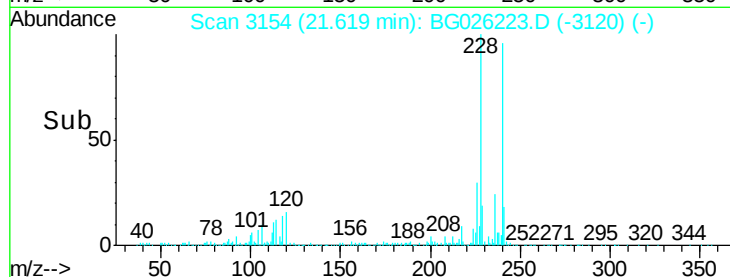


Abundance

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: 5.71 ng/ul

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG026223.D

Acq: 13 Mar 2017 22:25

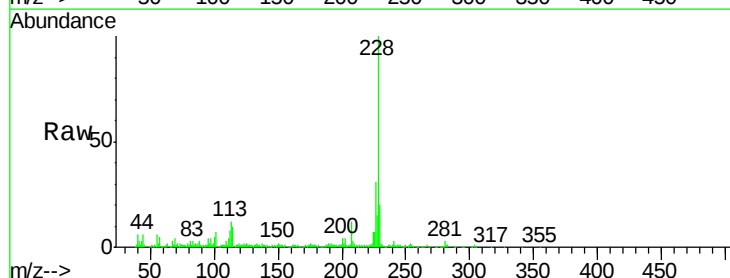
Tgt Ion:228 Resp: 186677

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 19.8 16.6 25.0

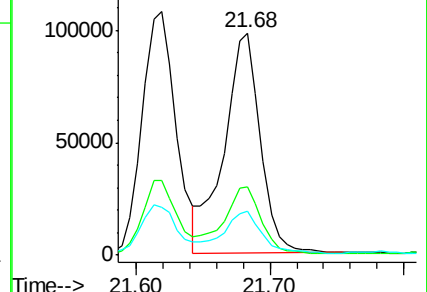
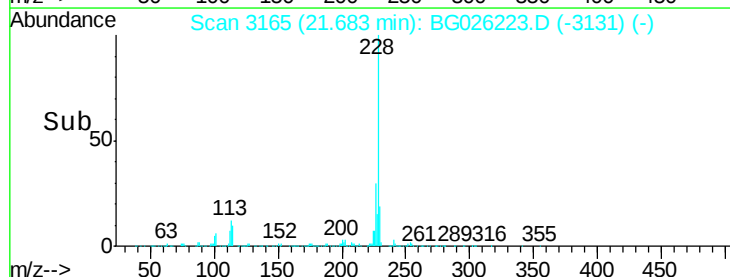


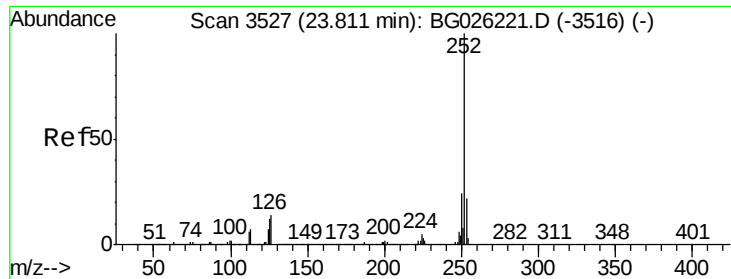
Abundance

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: 6.87 ng/ul

RT: 23.82 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BG026223.D

Acq: 13 Mar 2017 22:25

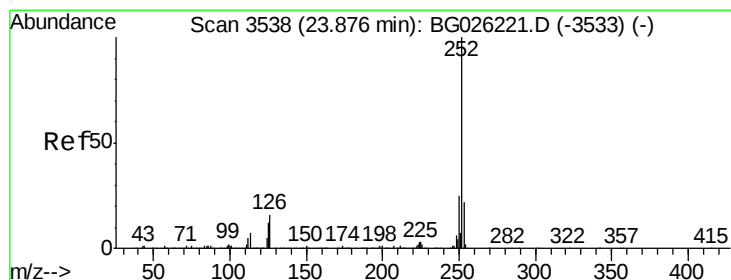
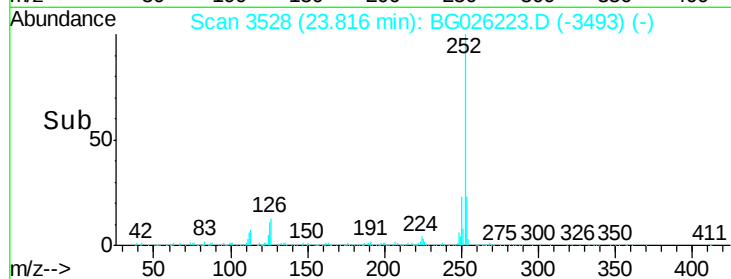
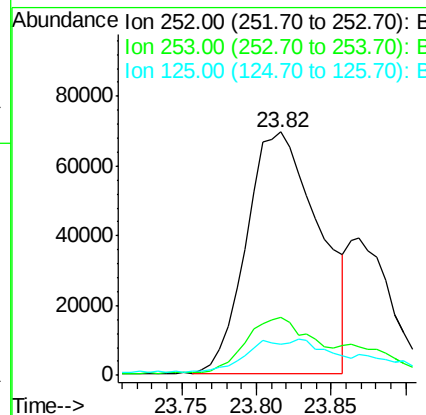
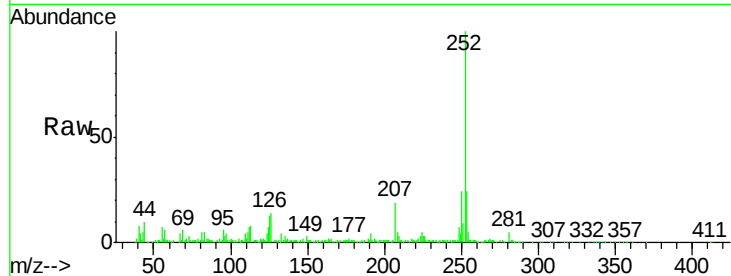
Instrument :

BNA_G

ClientSampleId :

CB2W5

Tgt Ion:	252	Resp:	233645
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.6
125	12.9	9.4	14.0



#25

Benzo(k)fluoranthene

Concen: 7.19 ng/ul

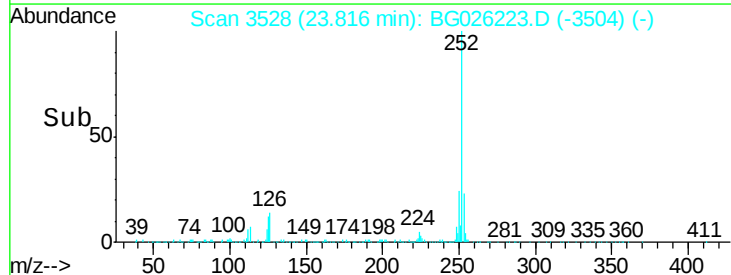
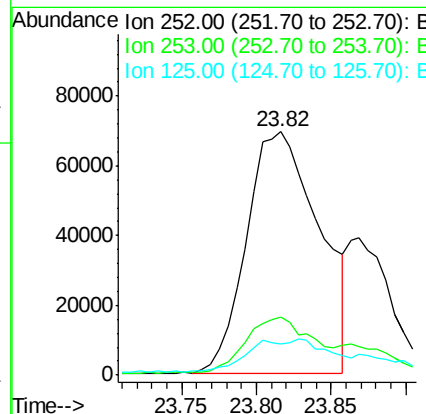
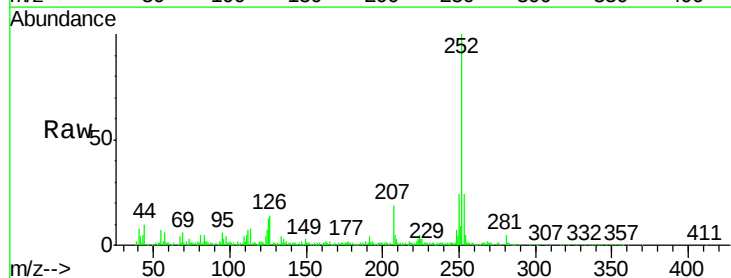
RT: 23.82 min Scan# 3528

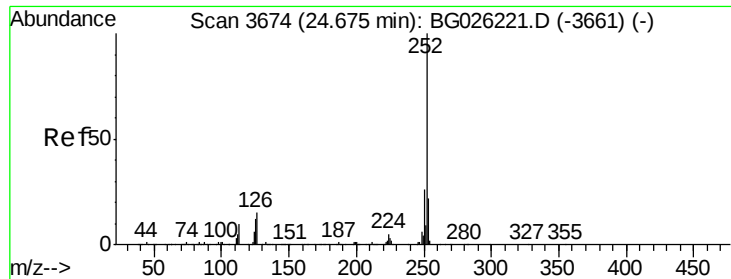
Delta R.T. -0.06 min

Lab File: BG026223.D

Acq: 13 Mar 2017 22:25

Tgt Ion:	252	Resp:	233645
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	12.9	8.8	13.2





#27

Benzo(a)pyrene

Concen: 4.83 ng/ul

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG026223.D

Acq: 13 Mar 2017 22:25

Instrument :

BNA_G

ClientSampleId :

CB2W5

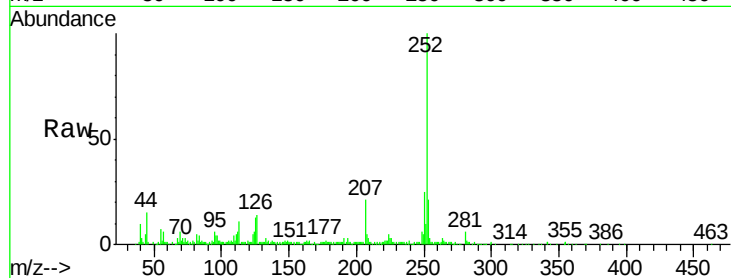
Tgt Ion:252 Resp: 152622

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

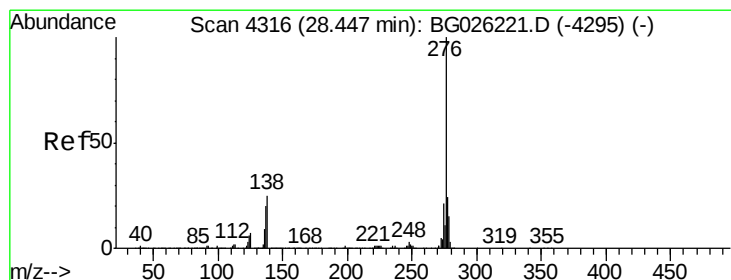
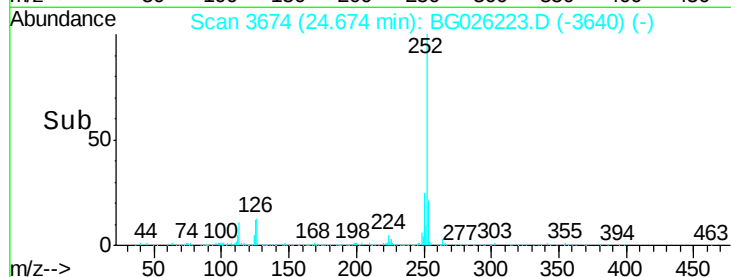
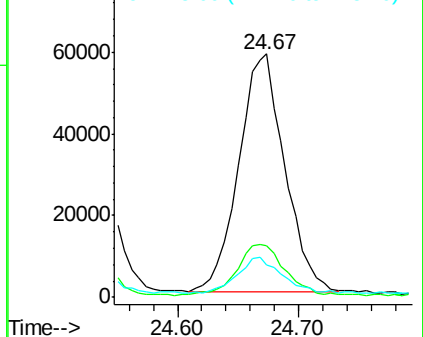
125 13.1 9.4 14.2



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: 2.82 ng/ul

RT: 28.45 min Scan# 4316

Delta R.T. -0.00 min

Lab File: BG026223.D

Acq: 13 Mar 2017 22:25

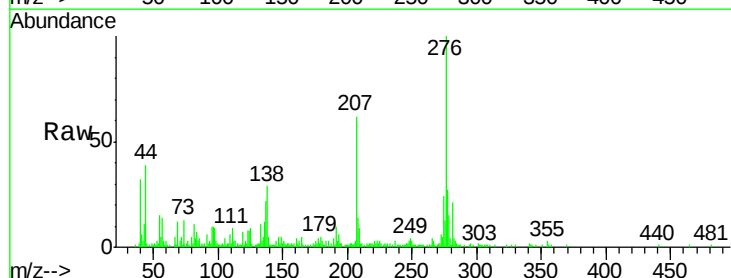
Tgt Ion:276 Resp: 99178

Ion Ratio Lower Upper

276 100

138 28.6 17.8 26.6#

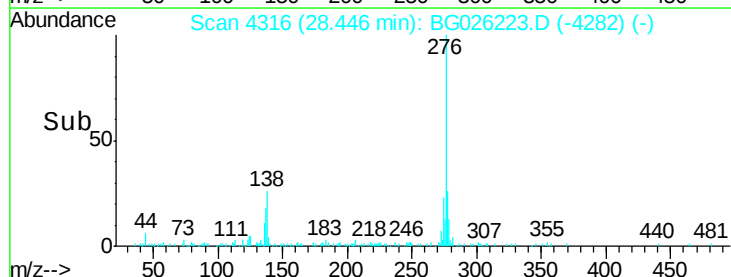
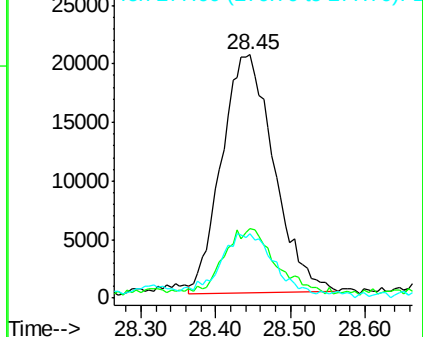
277 26.6 19.4 29.0

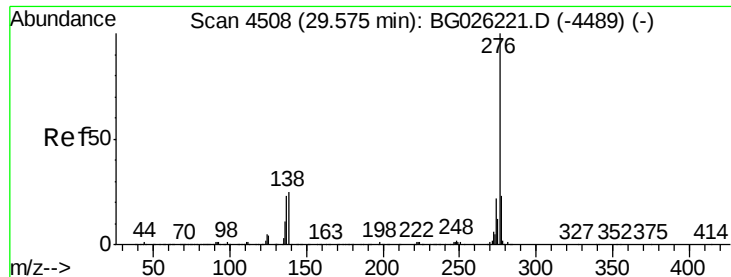


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#30

Benzo(g,h,i)perylene

Concen: 1.45 ng/ul

RT: 29.56 min Scan# 4506

Delta R.T. -0.01 min

Lab File: BG026223.D

Acq: 13 Mar 2017 22:25

Instrument :

BNA_G

ClientSampleId :

CB2W5

Tgt Ion: 276 Resp: 43607

Ion Ratio Lower Upper

276 100

138 27.0 19.0 28.4

277 21.3 19.7 29.5

