

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029131.D
 Acq On : 10 Oct 2017 6:38
 Operator : SJ/JU
 Sample : I5576-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH98

Quant Time: Oct 10 08:10:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration

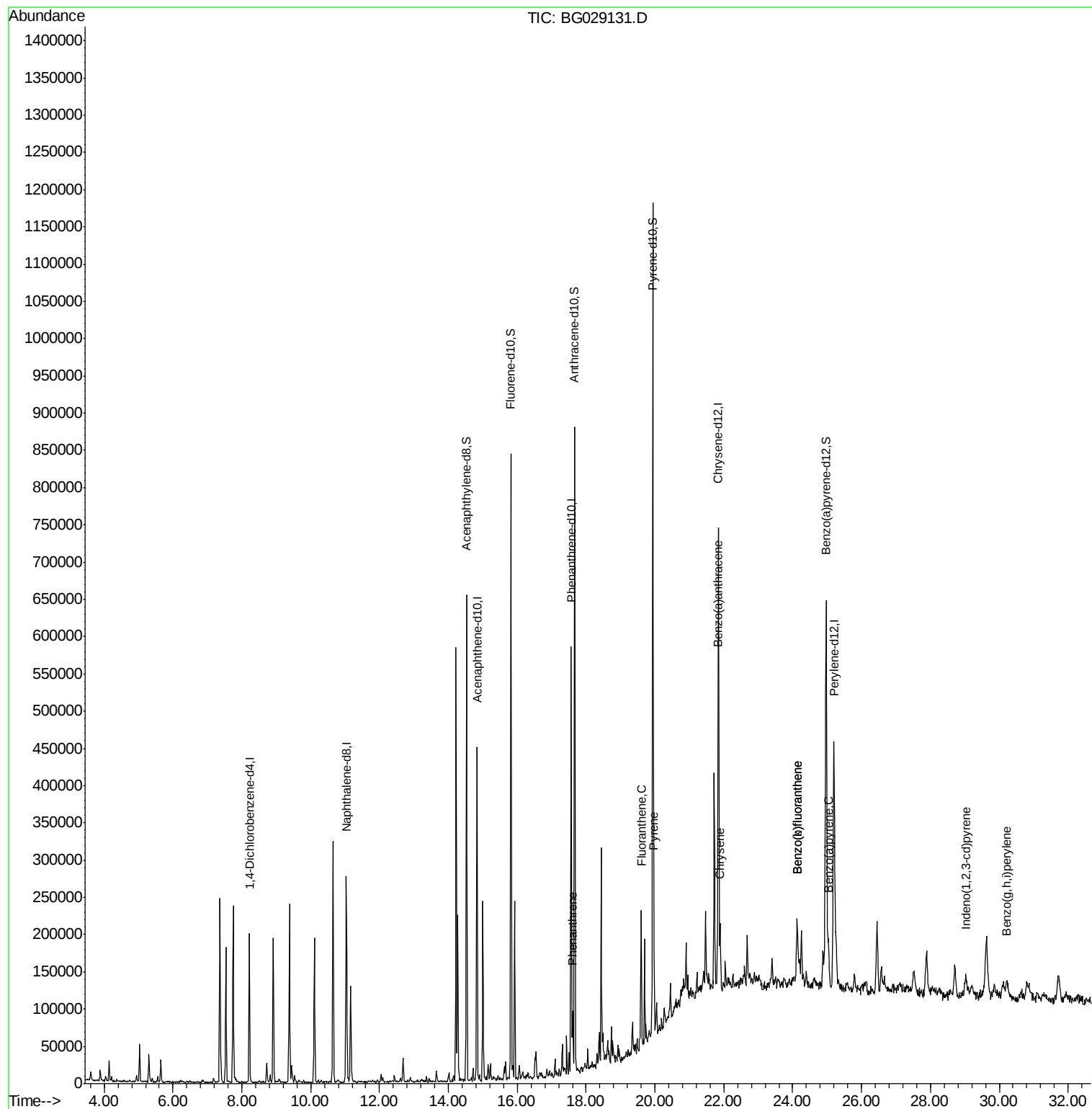
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	55916	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	230710	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	153165	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	354051	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	374688	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	388280	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	485635	30.49	ng/ul	0.00
10) Fluorene-d10	15.82	176	368378	31.88	ng/ul	0.00
14) Anthracene-d10	17.66	188	523026	30.50	ng/ul	0.00
18) Pyrene-d10	19.94	212	631279	32.93	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	594164	31.94	ng/ul	0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.61	178	50996	2.700	ng/ul	99
16) Fluoranthene	19.60	202	100757	4.551	ng/ul#	90
19) Pyrene	19.96	202	88516	3.790	ng/ul#	91
20) Benzo(a)anthracene	21.83	228	64617	2.928	ng/ul	96
21) Chrysene	21.89	228	69540	3.442	ng/ul	94
23) Benzo(b)fluoranthene	24.14	252	110818	4.771	ng/ul	97
24) Benzo(k)fluoranthene	24.14	252	105766	4.665	ng/ul	96
26) Benzo(a)pyrene	25.03	252	74064	3.283	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	29.03	276	53836	2.102	ng/ul#	88
29) Benzo(g,h,i)perylene	30.22	276	47059	2.229	ng/ul#	90

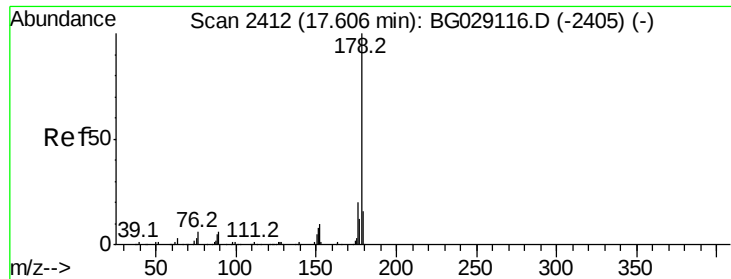
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029131.D
Acq On : 10 Oct 2017 6:38
Operator : SJ/JU
Sample : I5576-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAH98

Quant Time: Oct 10 08:10:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 06:24:09 2017
Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.700 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG029131.D

Acq: 10 Oct 2017 6:38

Instrument :

BNA_G

ClientSampleId :

DAH98

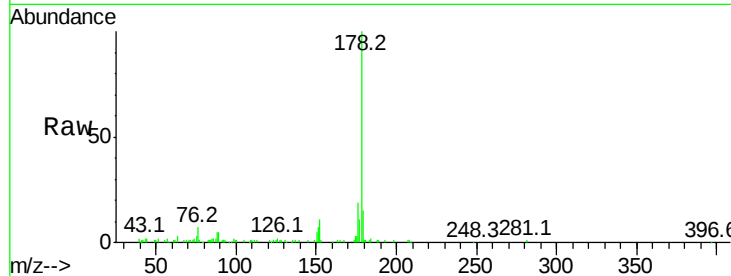
Tot Ion:178 Resp: 50996

Ion Ratio Lower Upper

178 100

179 14.6 12.3 18.5

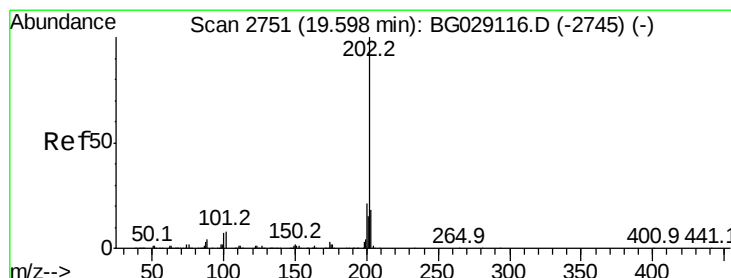
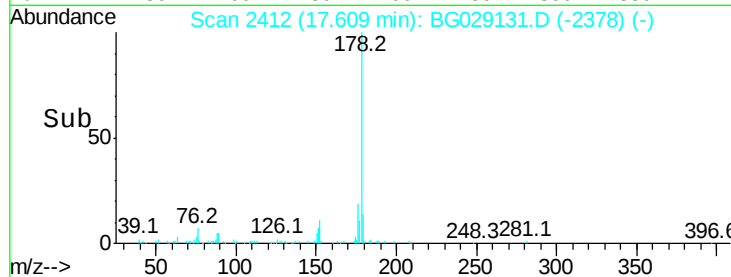
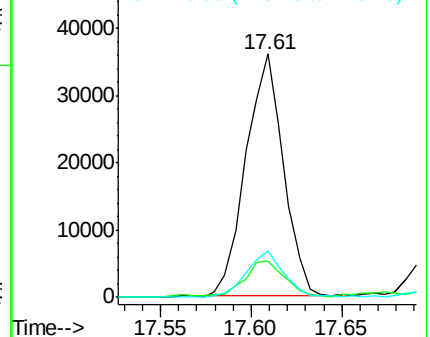
176 19.0 15.1 22.7



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



#16

Fluoranthene

Concen: 4.551 ng/ul

RT: 19.60 min Scan# 2751

Delta R.T. 0.00 min

Lab File: BG029131.D

Acq: 10 Oct 2017 6:38

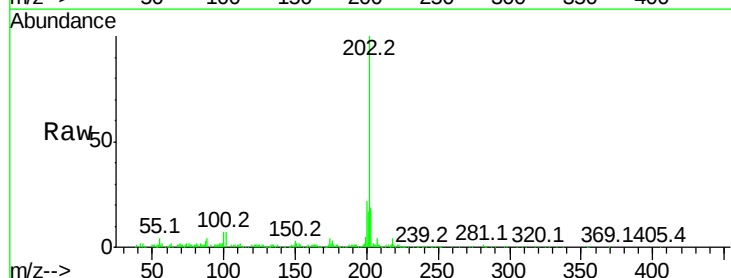
Tgt Ion:202 Resp: 100757

Ion Ratio Lower Upper

202 100

101 7.0 9.9 14.9#

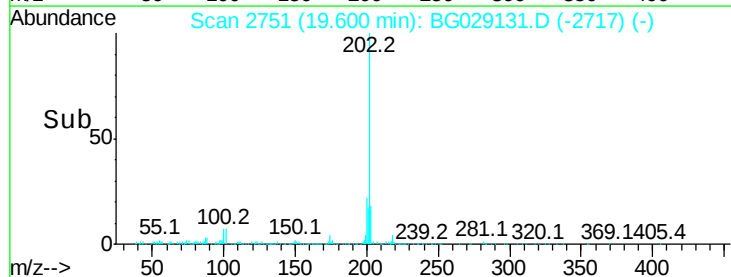
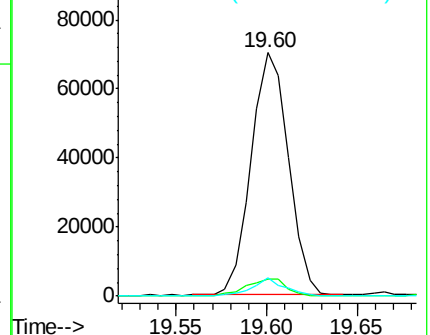
100 7.4 7.4 11.0

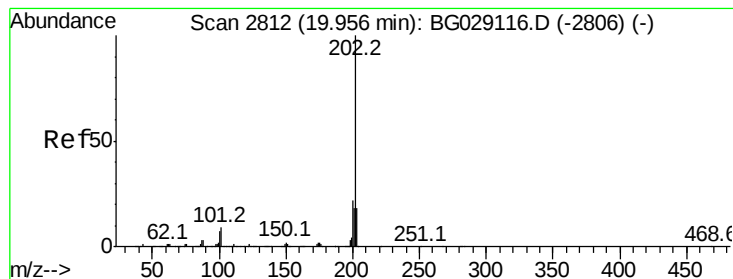


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#19

Pvrene

Concen: 3.790 ng/ul

RT: 19.96 min Scan# 2813

Delta R.T. 0.01 min

Lab File: BG029131.D

Acq: 10 Oct 2017 6:38

Instrument :

BNA_G

ClientSampleId :

DAH98

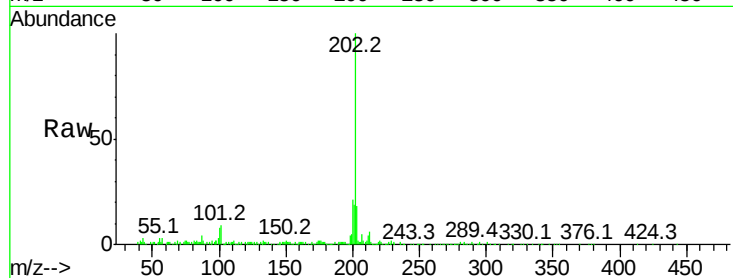
Tot Ion:202 Resp: 88516

Ion Ratio Lower Upper

202 100

101 8.7 11.0 16.4#

100 8.5 8.1 12.1

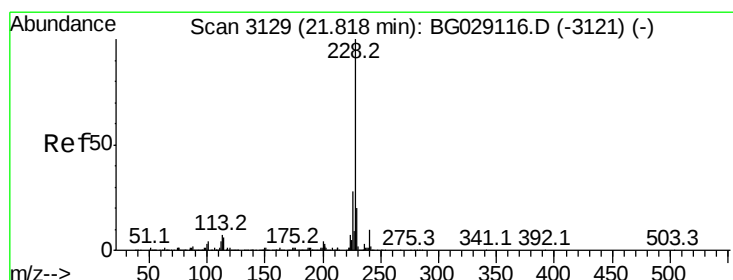
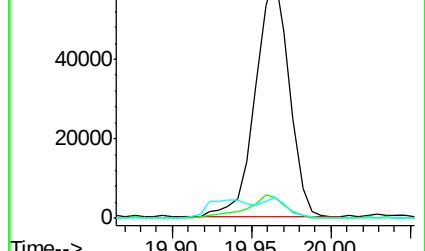
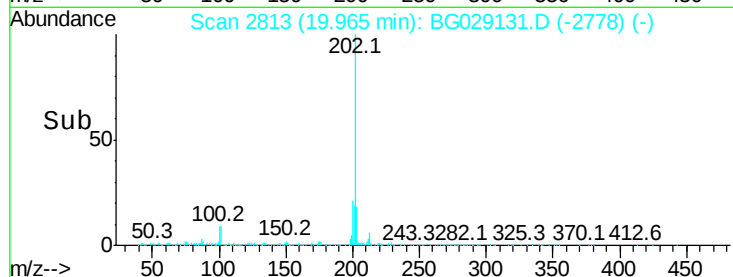


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#20

Benzo(a)anthracene

Concen: 2.928 ng/ul

RT: 21.83 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BG029131.D

Acq: 10 Oct 2017 6:38

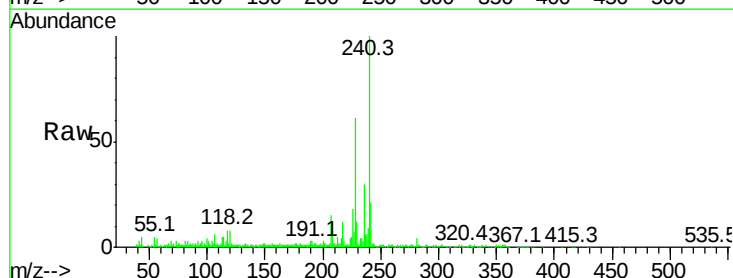
Tgt Ion:228 Resp: 64617

Ion Ratio Lower Upper

228 100

229 19.9 15.7 23.5

226 30.1 21.1 31.7

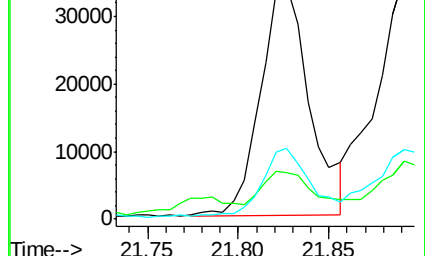
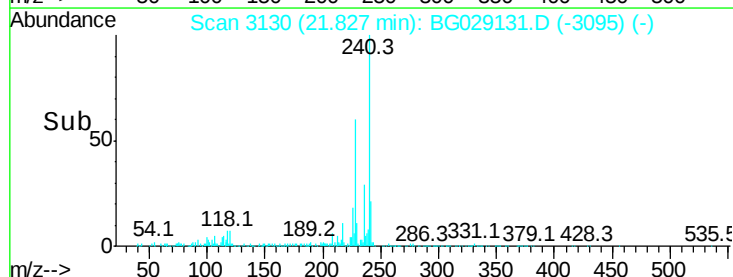


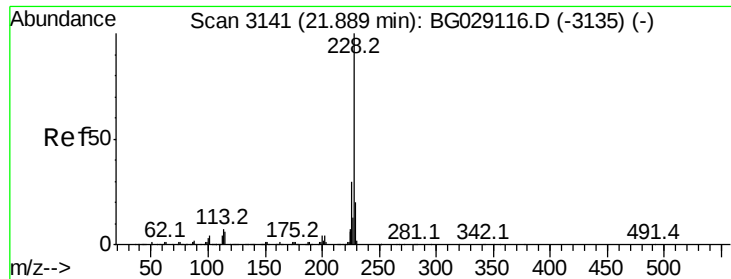
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#21

Chrysene

Concen: 3.442 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG029131.D

Acq: 10 Oct 2017 6:38

Instrument :

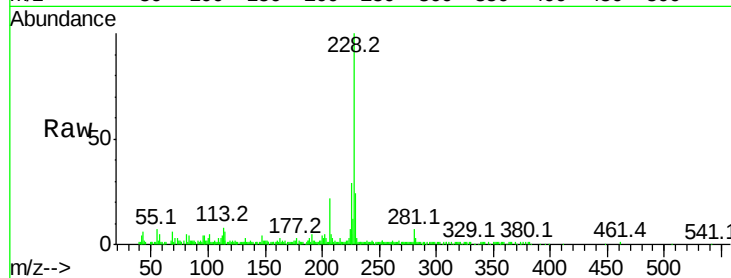
BNA_G

ClientSampleId :

DAH98

Tot Ion:228 Resp: 69540

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.5	36.7
229	23.7	15.8	23.8

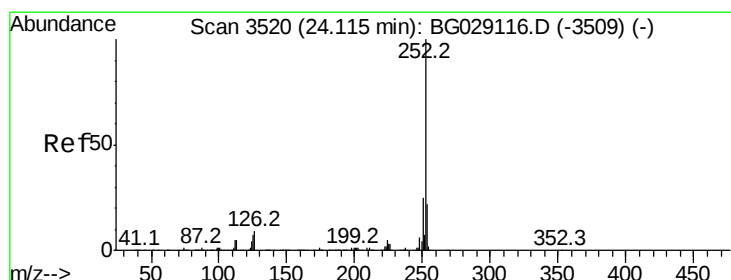
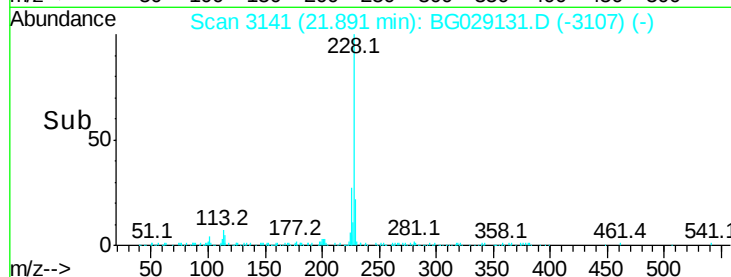
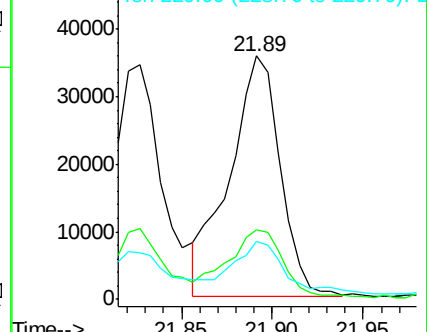


Abundance

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: 4.771 ng/ul

RT: 24.14 min Scan# 3523

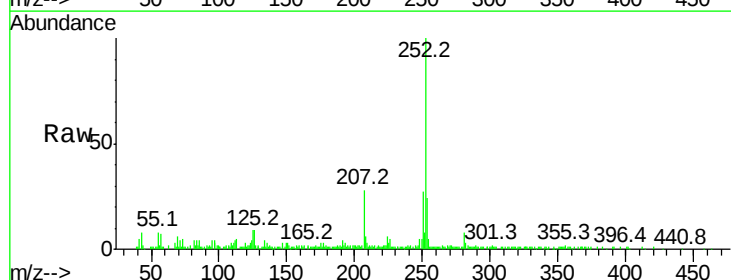
Delta R.T. 0.02 min

Lab File: BG029131.D

Acq: 10 Oct 2017 6:38

Tgt Ion:252 Resp: 110818

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	8.8	8.0	12.0

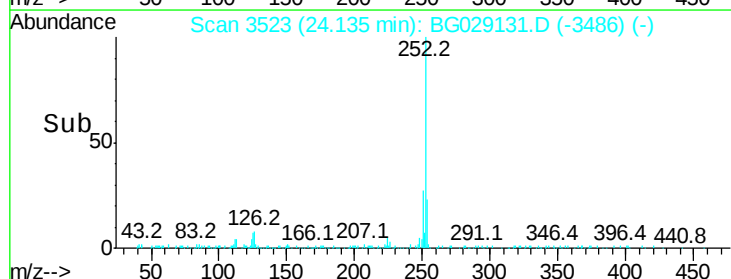
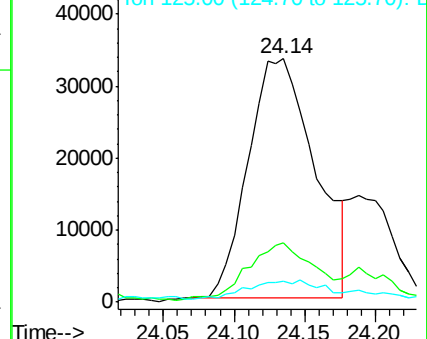


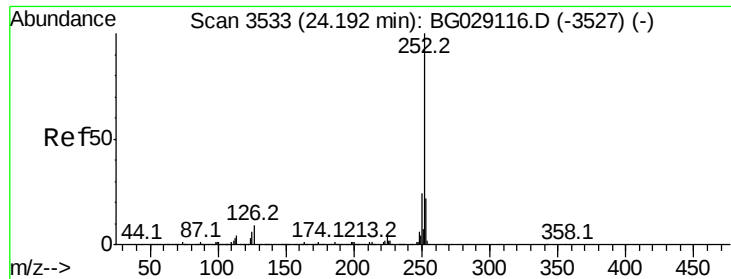
Abundance

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

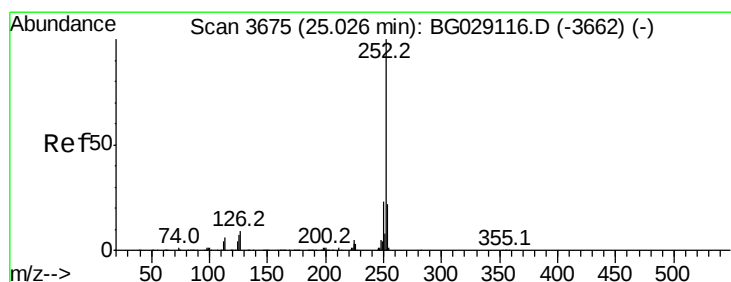
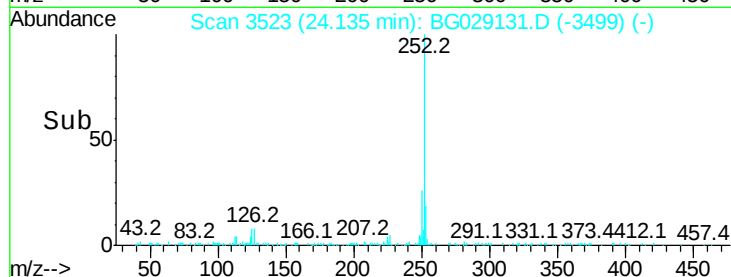
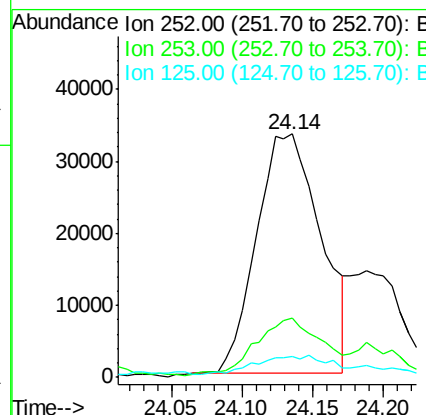
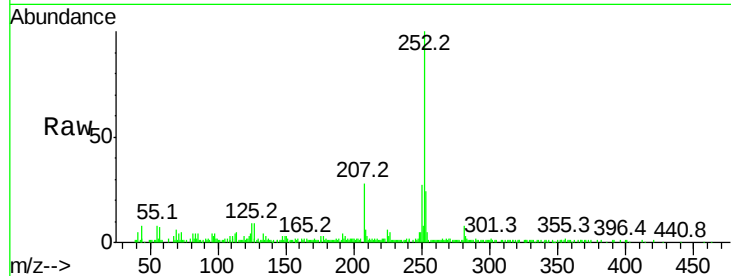




#24
Benzo(k)fluoranthene
Concen: 4.665 ng/ul
RT: 24.14 min Scan# 3523
Delta R.T. -0.06 min
Lab File: BG029131.D
Acq: 10 Oct 2017 6:38

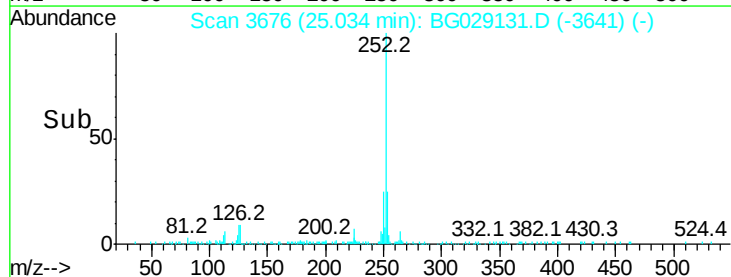
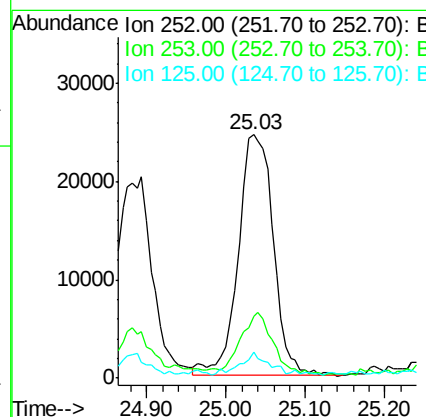
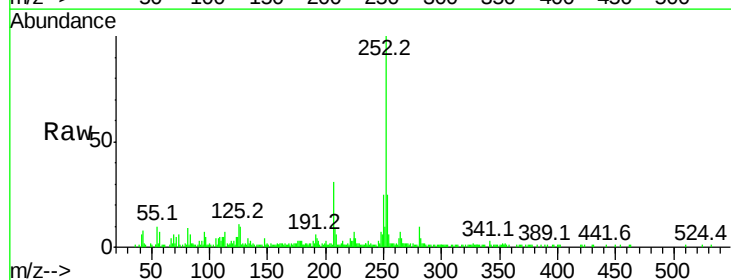
Instrument :
BNA_G
ClientSampleId :
DAH98

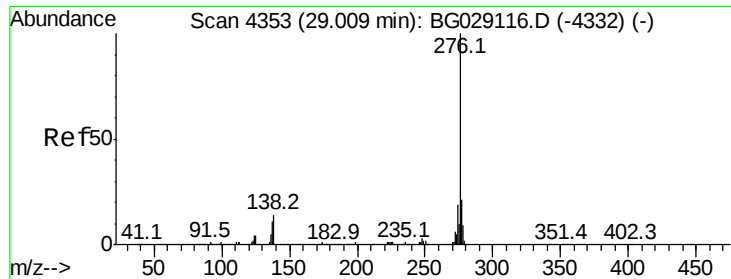
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	8.8	8.1	12.1



#26
Benzo(a)pyrene
Concen: 3.283 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. 0.01 min
Lab File: BG029131.D
Acq: 10 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.2	25.8
125	10.9	8.2	12.4

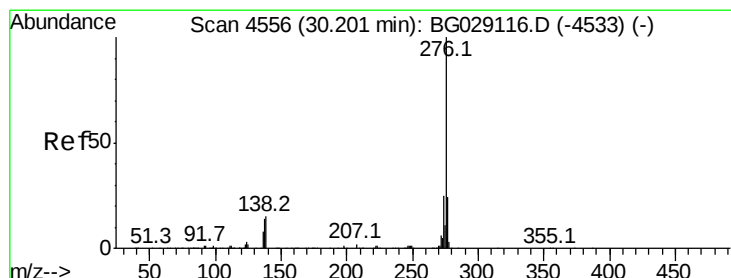
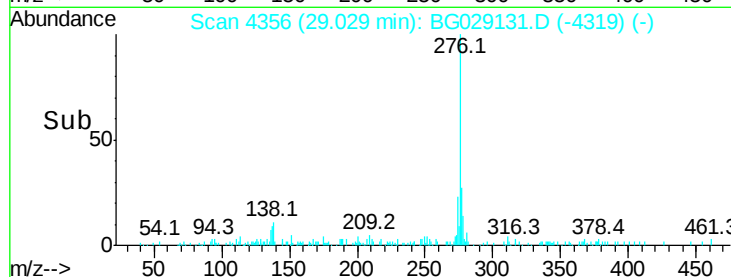
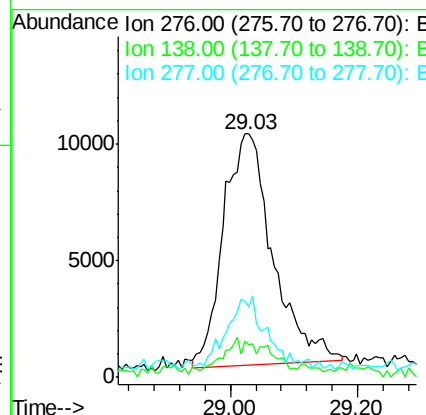
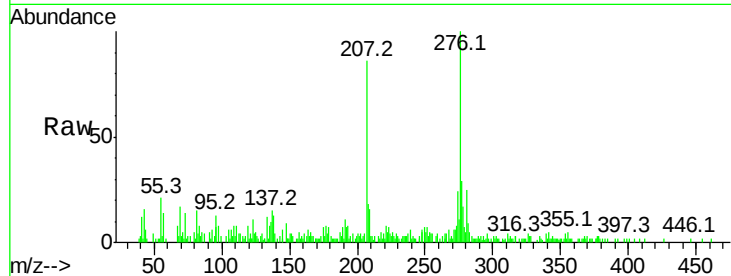




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.102 ng/ul
 RT: 29.03 min Scan# 4356
 Delta R.T. 0.02 min
 Lab File: BG029131.D
 Acq: 10 Oct 2017 6:38

Instrument :
 BNA_G
 ClientSampleId :
 DAH98

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	14.4	21.6#
277	29.0	18.0	27.0#



#29
 Benzo(g,h,i)perylene
 Concen: 2.229 ng/ul
 RT: 30.22 min Scan# 4559
 Delta R.T. 0.02 min
 Lab File: BG029131.D
 Acq: 10 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.3	22.9
277	29.8	19.0	28.4#

