

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029185.D
 Acq On : 12 Oct 2017 4:02
 Operator : SJ/JU
 Sample : I5669-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 08:55:14 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

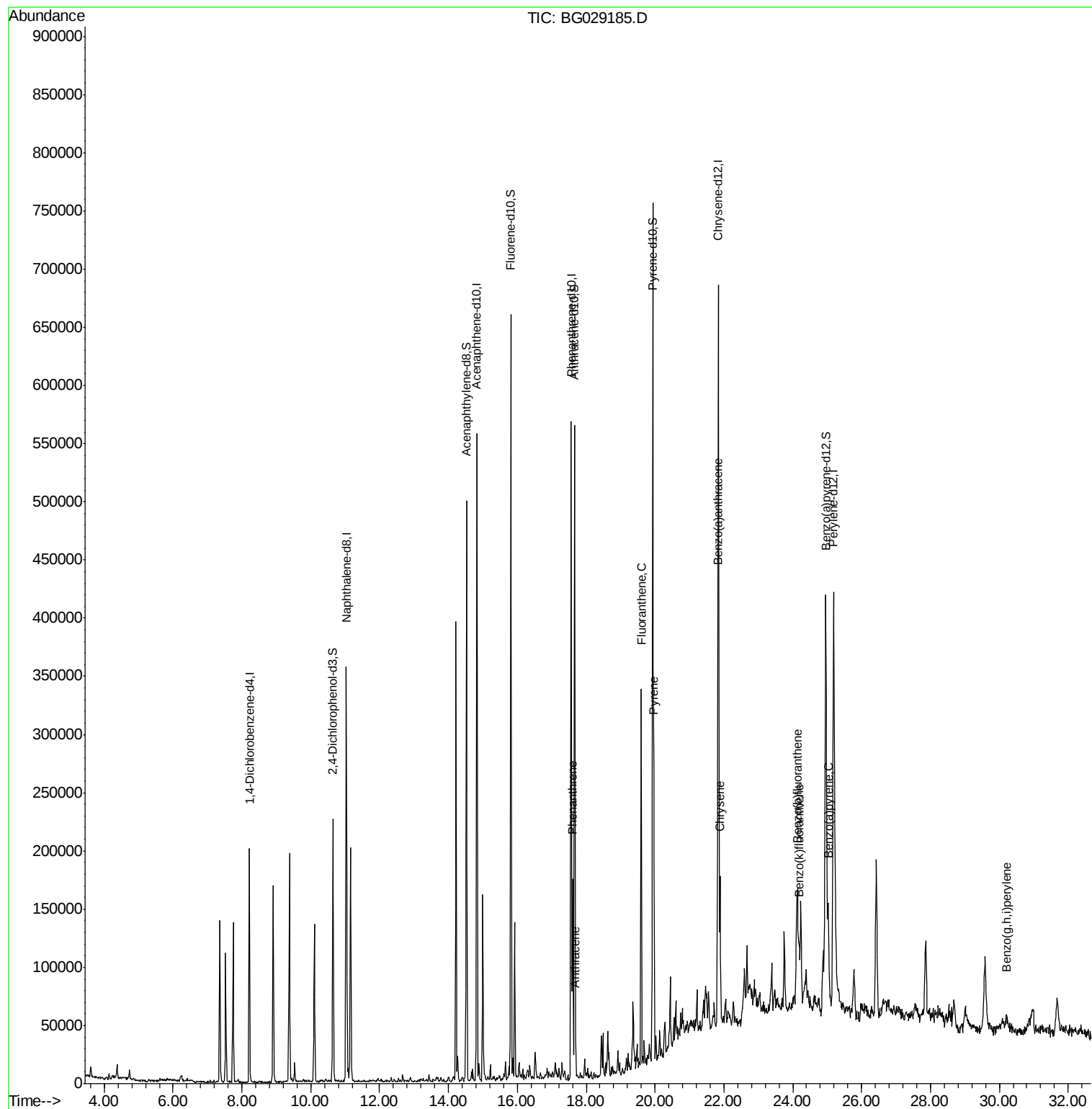
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	53109	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	299626	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	193933	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	352324	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	382372	20.00	ng/ul	0.00
23) Perylene-d12	25.19	264	424484	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.64	165	86857	15.16	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	377772	19.43	ng/ul	0.00
10) Fluorene-d10	15.81	176	270926	17.76	ng/ul	0.00
15) Anthracene-d10	17.66	188	332836	19.11	ng/ul	0.00
19) Pyrene-d10	19.93	212	400191	19.92	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.95	264	401546	18.91	ng/ul	-0.01
Target Compounds				Qvalue		
14) Phenanthrene	17.61	178	112962	5.92	ng/ul	97
16) Anthracene	17.70	178	21768	1.11	ng/ul	97
17) Fluoranthene	19.60	202	203104	9.04	ng/ul	99
20) Pyrene	19.96	202	170297	7.35	ng/ul	99
21) Benzo(a)anthracene	21.82	228	104402	4.48	ng/ul	99
22) Chrysene	21.89	228	96712	4.60	ng/ul	98
24) Benzo(b)fluoranthene	24.13	252	140552	5.37	ng/ul#	97
25) Benzo(k)fluoranthene	24.18	252	50380	1.96	ng/ul#	92
27) Benzo(a)pyrene	25.03	252	90099	3.53	ng/ul#	96
30) Benzo(g,h,i)perylene	30.21	276	28211	1.66	ng/ul	96

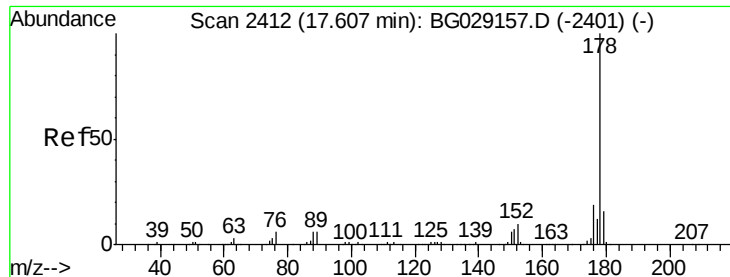
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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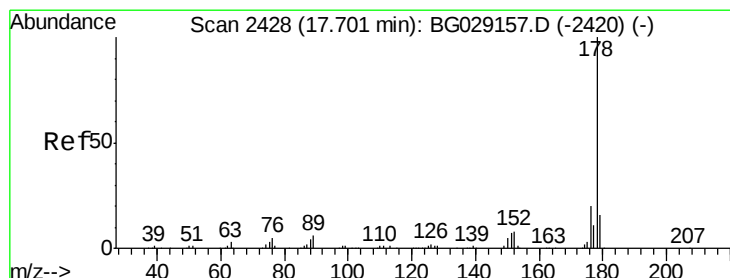
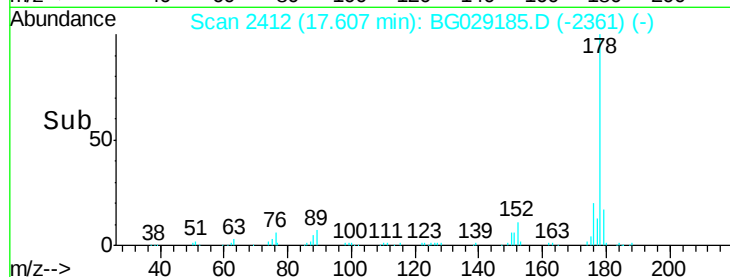
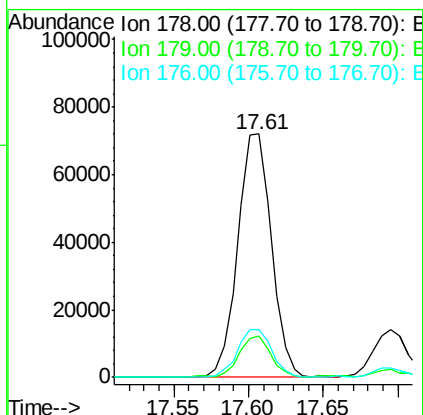
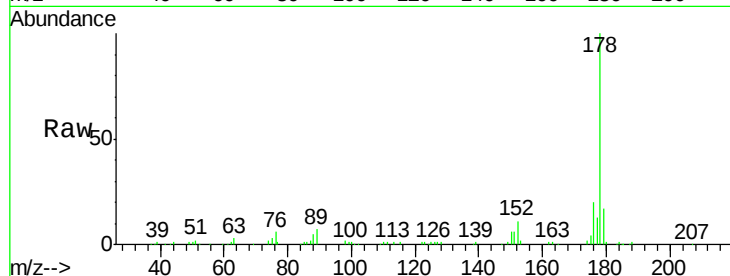




#14
Phenanthrene
Concen: 5.92 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG029185.D
Acq: 12 Oct 2017 4:02

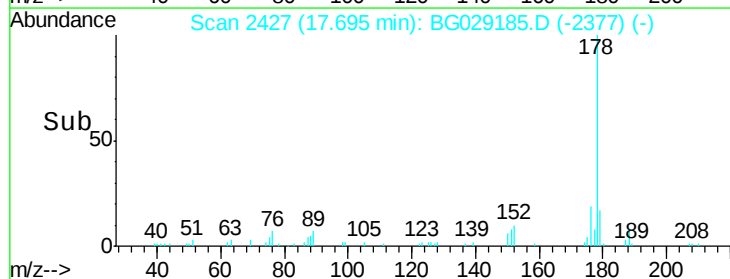
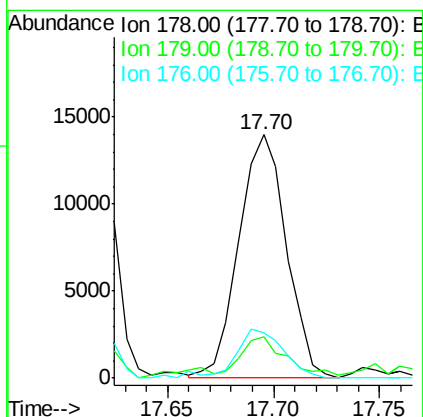
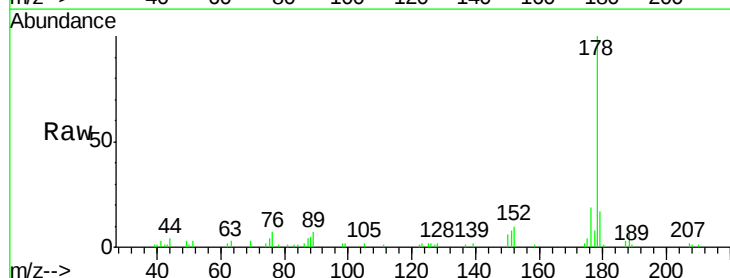
Instrument :
BNA_G
ClientSampled :

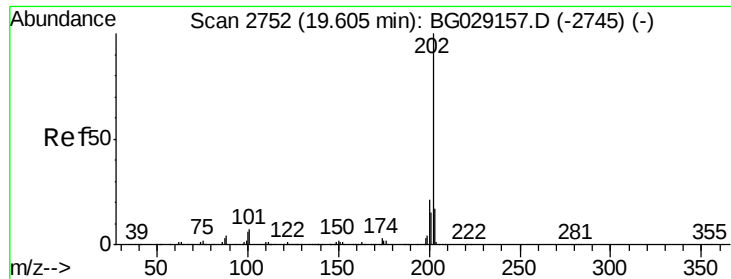
Tot Ion:178 Resp: 112962
Ion Ratio Lower Upper
178 100
179 16.9 12.2 18.2
176 19.7 15.0 22.6



#16
Anthracene
Concen: 1.11 ng/ul
RT: 17.70 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG029185.D
Acq: 12 Oct 2017 4:02

Tgt Ion:178 Resp: 21768
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 18.7 15.7 23.5

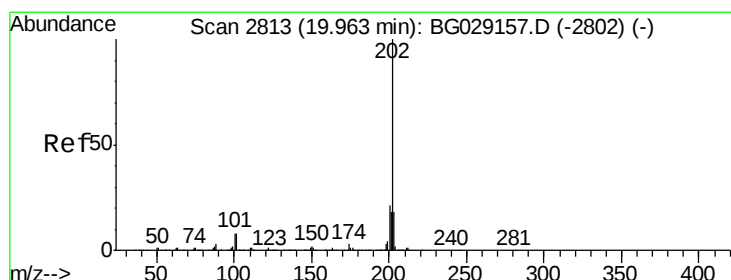
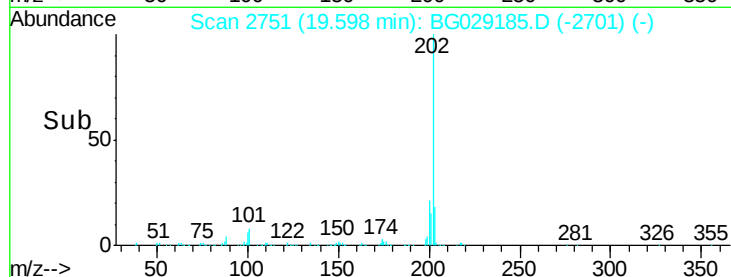
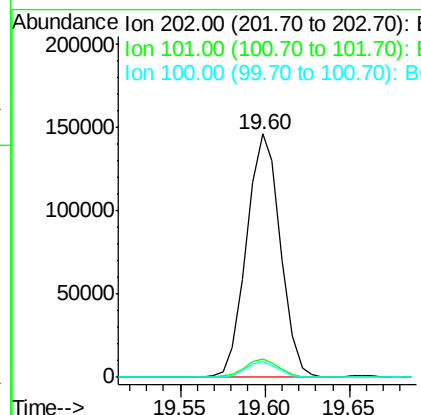
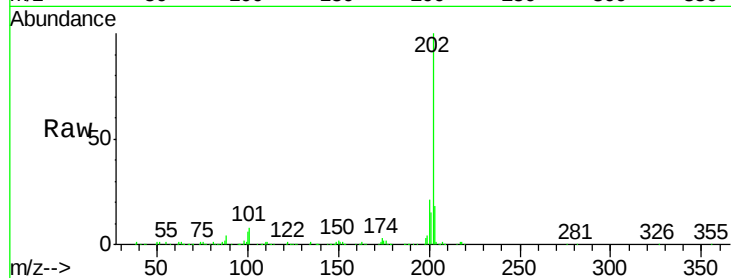




#17
 Fluoranthene
 Concen: 9.04 ng/ul
 RT: 19.60 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BG029185.D
 Acq: 12 Oct 2017 4:02

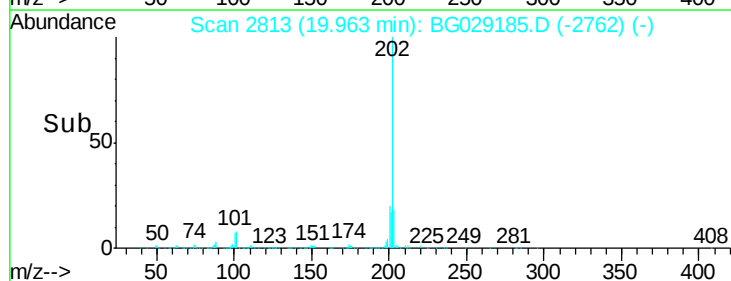
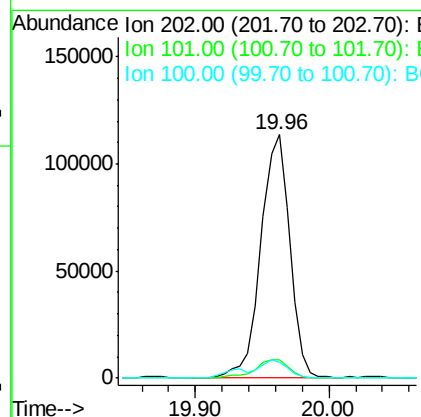
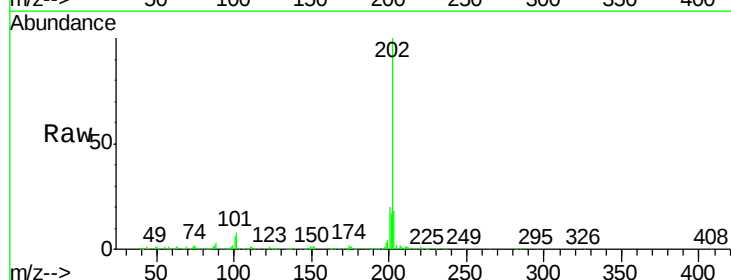
Instrument :
 BNA_G
 ClientSampleId :

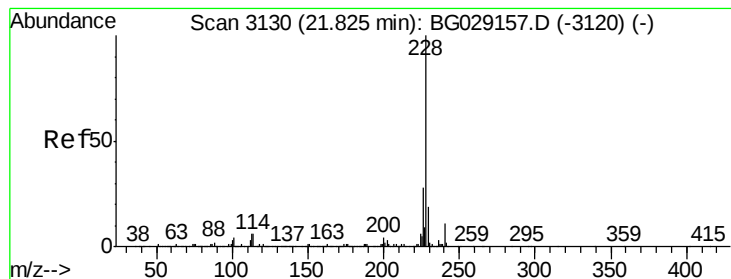
Tot Ion	Ratio	Resp	Lower	Upper
202	100	203104		
101	7.5		5.6	8.4
100	6.4		4.7	7.1



#20
 Pyrene
 Concen: 7.35 ng/ul
 RT: 19.96 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG029185.D
 Acq: 12 Oct 2017 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	170297		
101	7.6		6.5	9.7
100	6.5		5.5	8.3





#21

Benzo(a)anthracene

Concen: 4.48 ng/ul

RT: 21.82 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG029185.D

Acq: 12 Oct 2017 4:02

Instrument :

BNA_G

ClientSampleId :

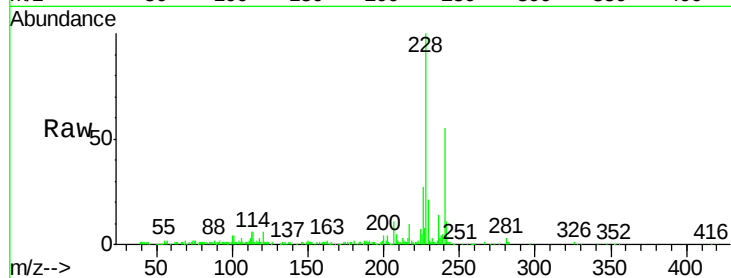
Tot Ion:228 Resp: 104402

Ion Ratio Lower Upper

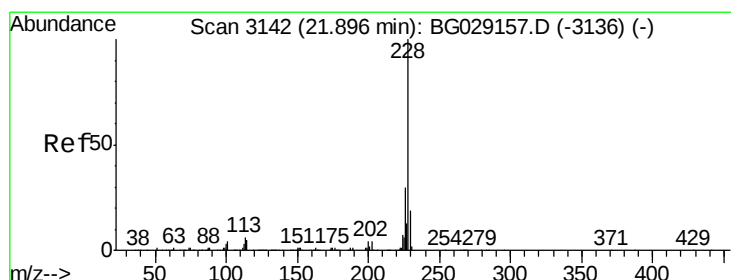
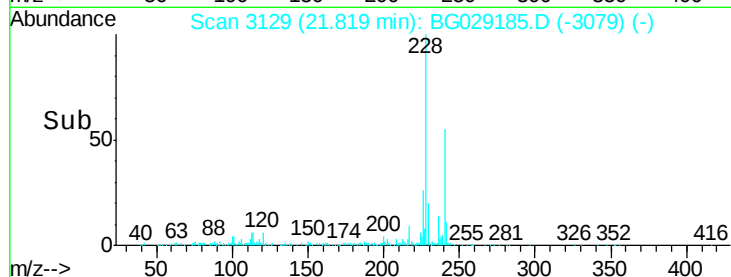
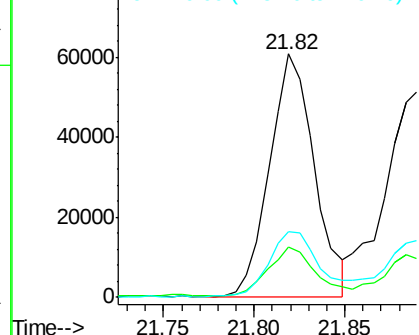
228 100

229 20.7 15.8 23.8

226 27.0 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: 4.60 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG029185.D

Acq: 12 Oct 2017 4:02

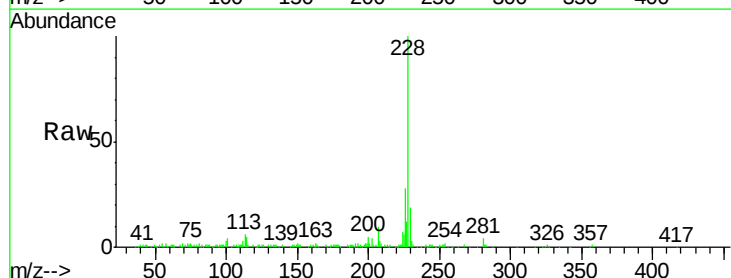
Tgt Ion:228 Resp: 96712

Ion Ratio Lower Upper

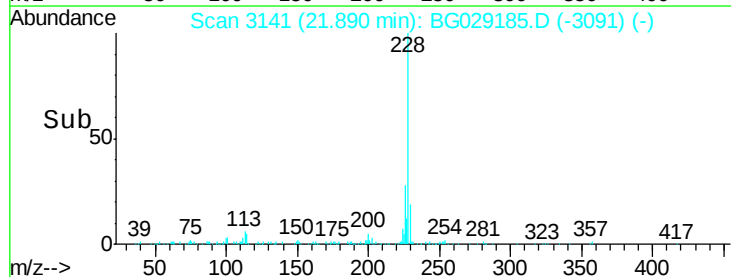
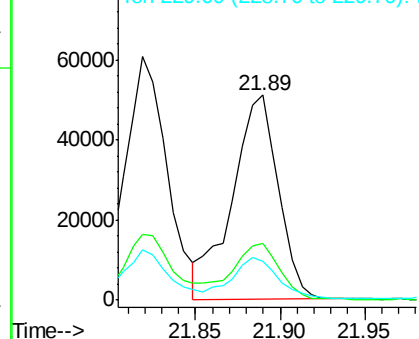
228 100

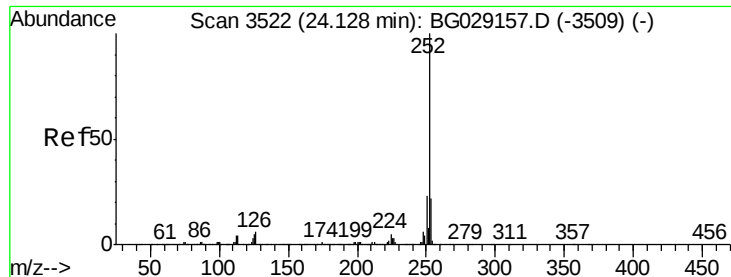
226 27.9 23.4 35.0

229 19.2 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: 5.37 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG029185.D

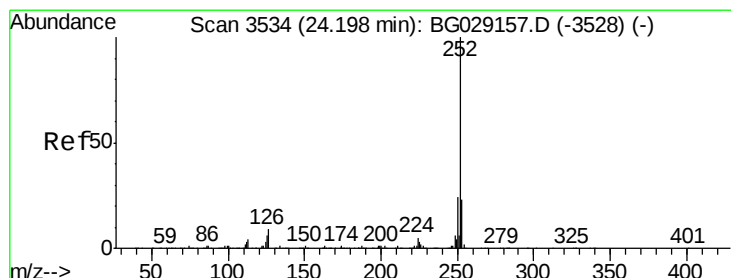
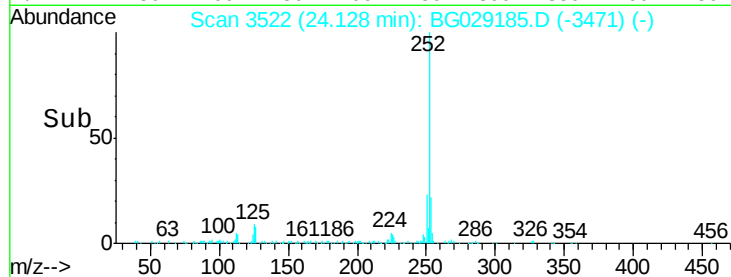
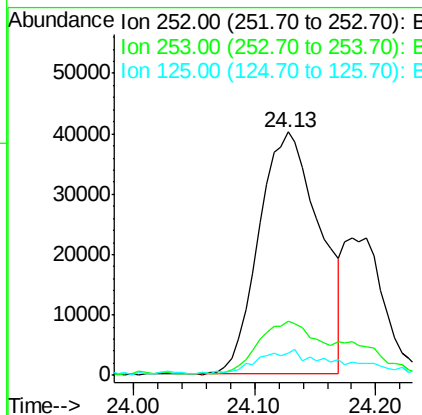
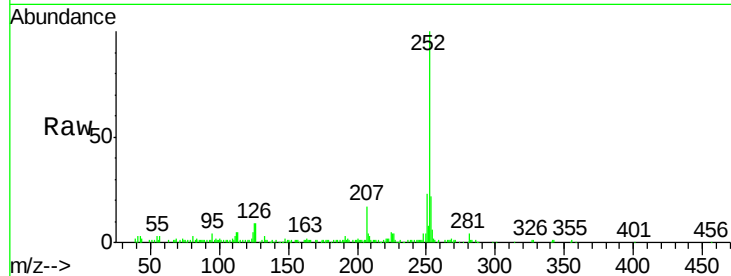
Acq: 12 Oct 2017 4:02

Instrument :

BNA_G

ClientSampled :

Tot Ion:252	Resp:	140552
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.6 26.4
125	9.3	4.5 6.7#



#25

Benzo(k)fluoranthene

Concen: 1.96 ng/ul

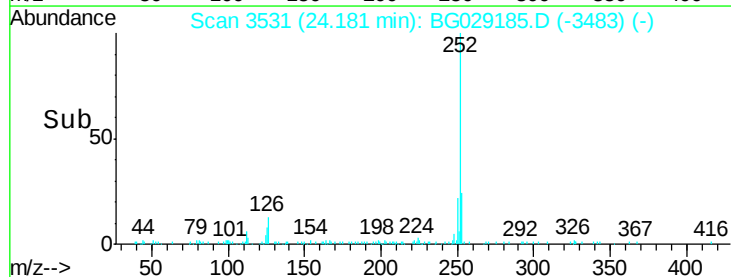
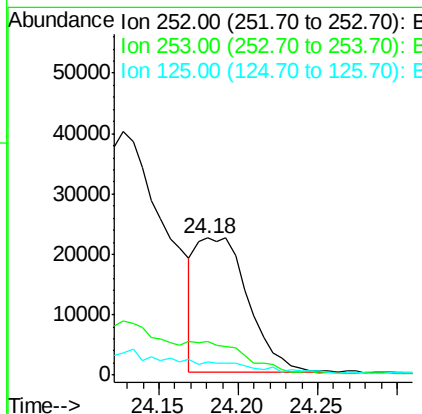
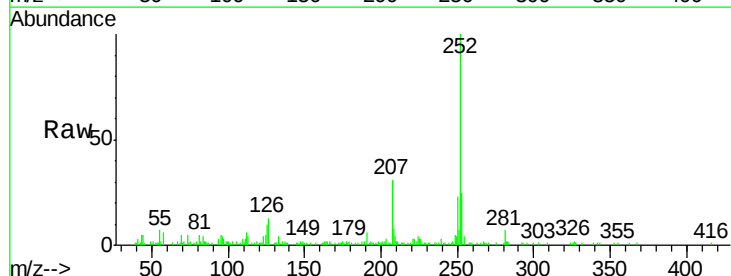
RT: 24.18 min Scan# 3531

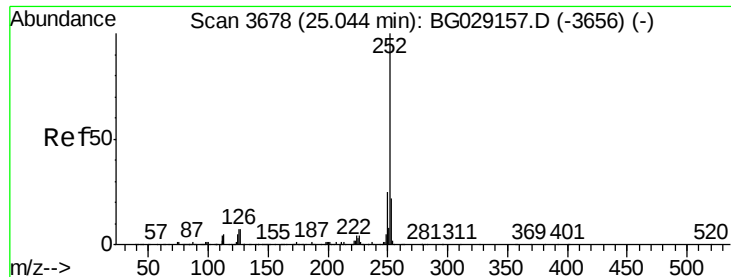
Delta R.T. -0.02 min

Lab File: BG029185.D

Acq: 12 Oct 2017 4:02

Tgt Ion:252	Resp:	50380
Ion Ratio	Lower	Upper
252	100	
253	24.8	16.8 25.2
125	9.6	5.1 7.7#





#27

Benzo(a)pyrene

Concen: 3.53 ng/ul

RT: 25.03 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG029185.D

Acq: 12 Oct 2017 4:02

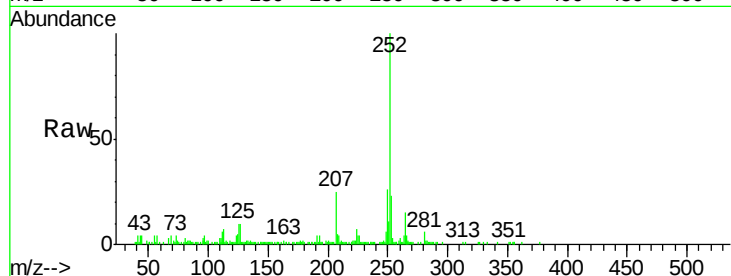
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 90099

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	10.2	5.4	8.2#

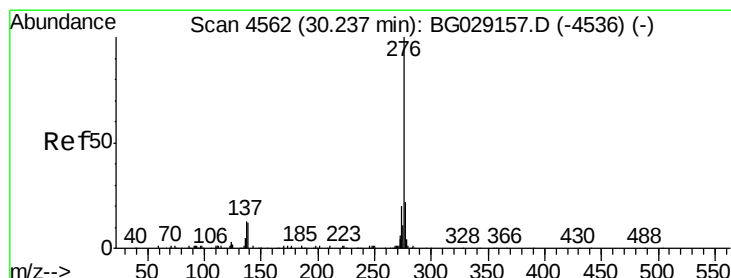
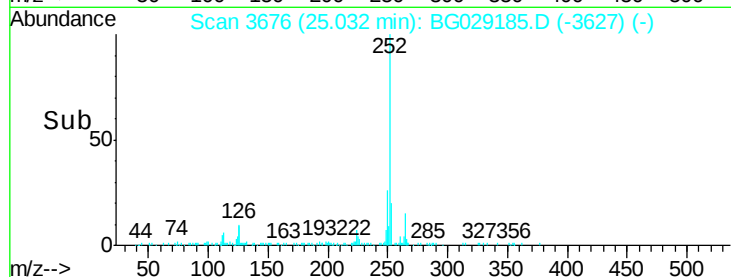
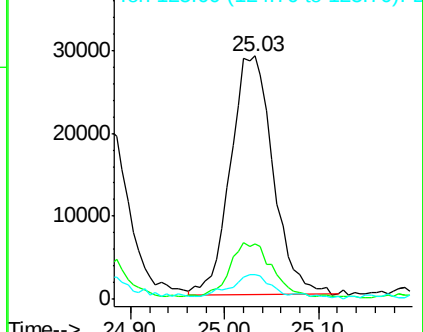


Abundance

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



#30

Benzo(g,h,i)perylene

Concen: 1.66 ng/ul

RT: 30.21 min Scan# 4558

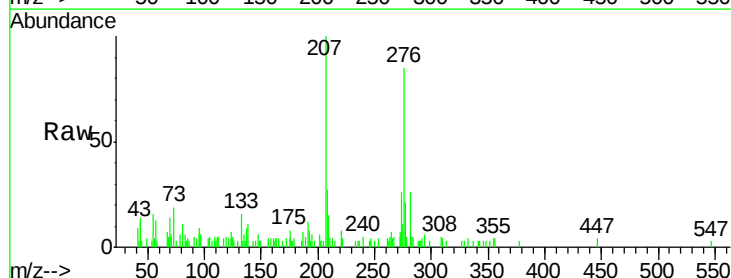
Delta R.T. -0.02 min

Lab File: BG029185.D

Acq: 12 Oct 2017 4:02

Tgt Ion:276 Resp: 28211

Ion	Ratio	Lower	Upper
276	100		
138	13.3	9.3	13.9
277	24.6	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

