

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
 Data File : BG029070.D
 Acq On : 8 Oct 2017 6:03
 Operator : SJ/JU
 Sample : I5577-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 05:52:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 17:49:18 2017
 Response via : Initial Calibration

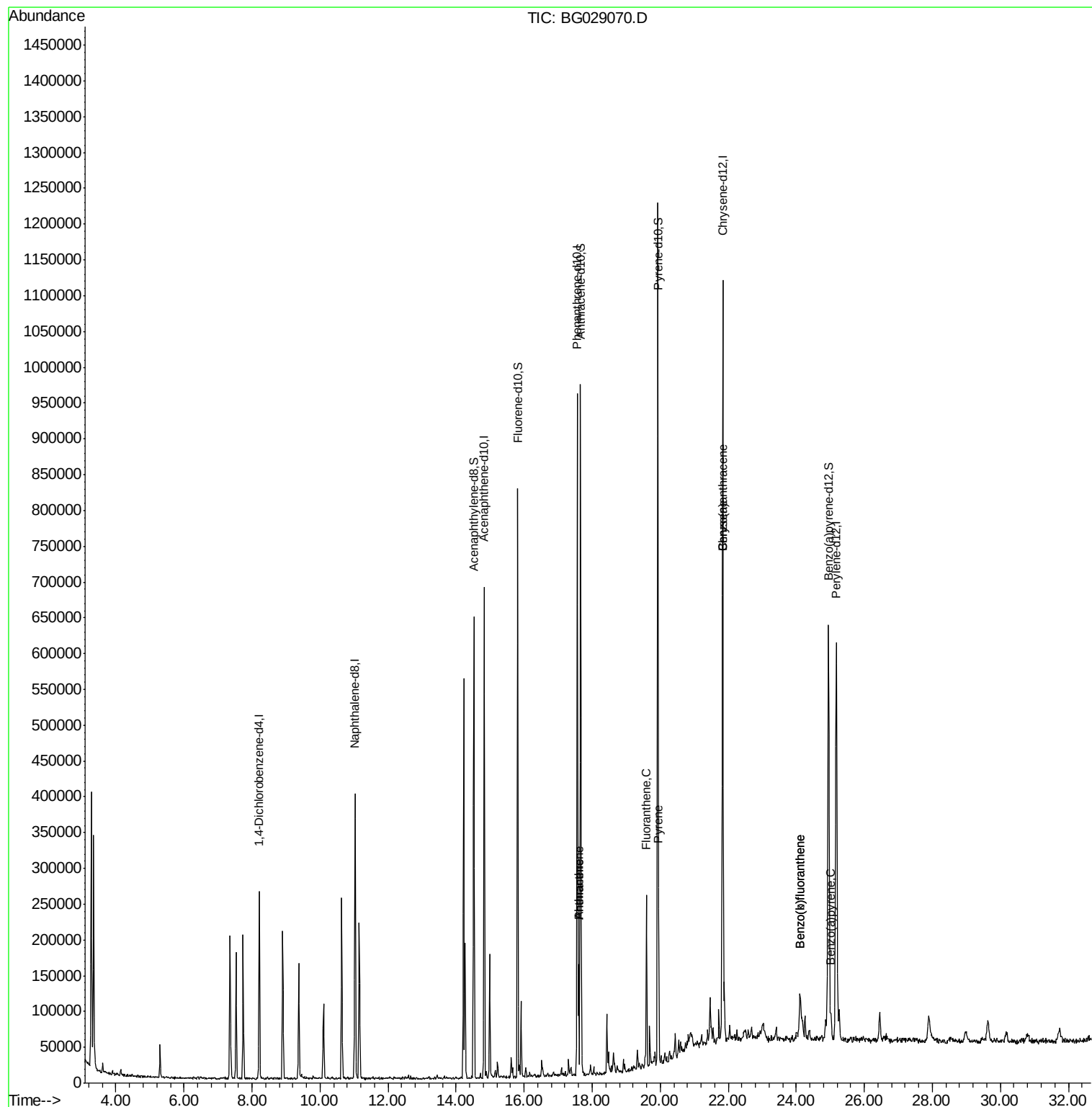
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	79148	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	361679	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	240232	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	597803	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	605456	20.00	ng/ul	-0.01
22) Perylene-d12	25.18	264	597508	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	488537	19.55	ng/ul	0.00
10) Fluorene-d10	15.81	176	363406	20.05	ng/ul	0.00
14) Anthracene-d10	17.66	188	550475	19.01	ng/ul	0.00
18) Pyrene-d10	19.93	212	635585	20.52	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.94	264	562894	19.67	ng/ul	-0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.60	178	95757	3.003	ng/ul	98
15) Anthracene	17.60	178	95757	2.935	ng/ul	99
16) Fluoranthene	19.60	202	145833	3.901	ng/ul	97
19) Pyrene	19.96	202	119309	3.161	ng/ul#	96
20) Benzo(a)anthracene	21.82	228	63242	1.774	ng/ul	98
21) Chrysene	21.82	228	63242	1.937	ng/ul	97
23) Benzo(b)fluoranthene	24.12	252	66802	1.869	ng/ul#	95
24) Benzo(k)fluoranthene	24.12	252	66802	1.915	ng/ul#	95
26) Benzo(a)pyrene	25.01	252	42213	1.216	ng/ul#	92

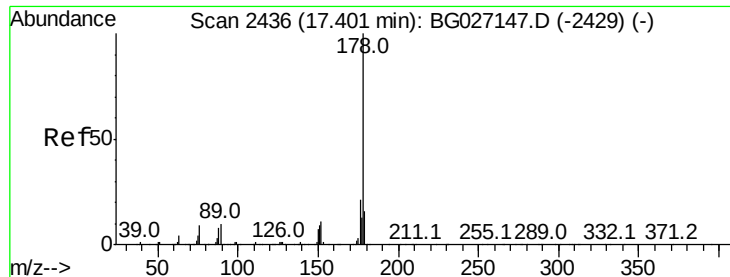
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.003 ng/ul

RT: 17.60 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BG029070.D

Acq: 8 Oct 2017 6:03

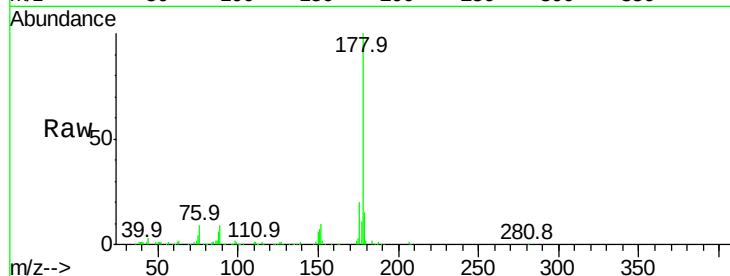
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 95757

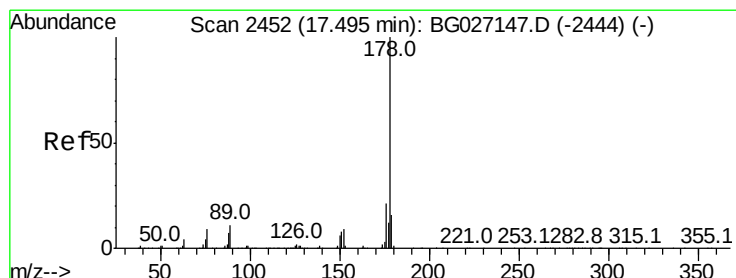
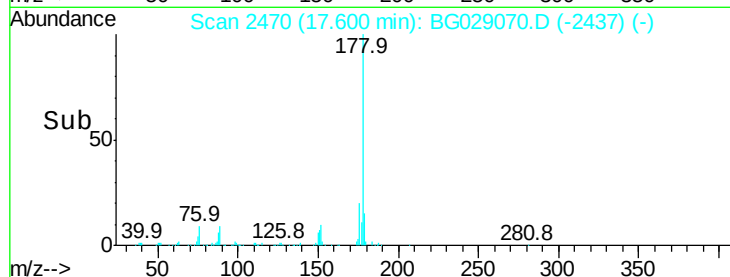
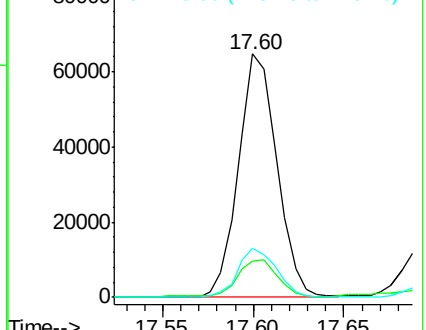
Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	20.0	15.1	22.7



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



#15

Anthracene

Concen: 2.935 ng/ul

RT: 17.60 min Scan# 2470

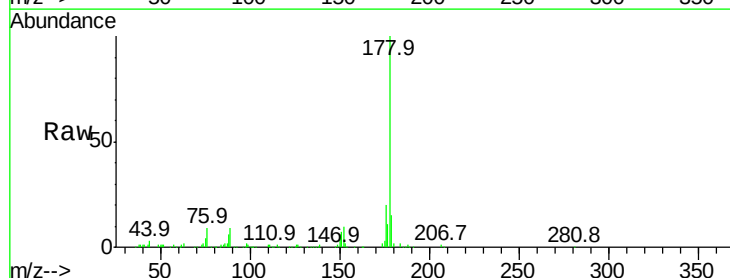
Delta R.T. -0.10 min

Lab File: BG029070.D

Acq: 8 Oct 2017 6:03

Tgt Ion:178 Resp: 95757

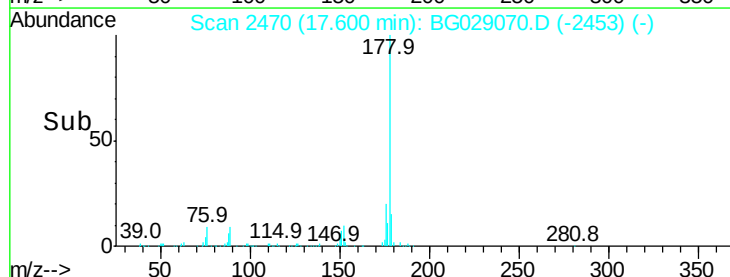
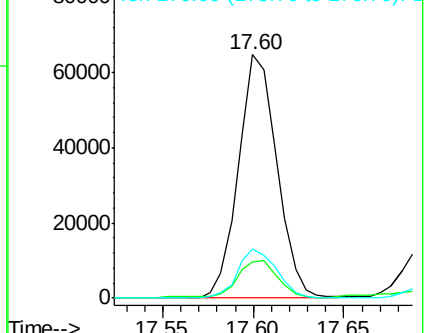
Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	20.0	15.2	22.8

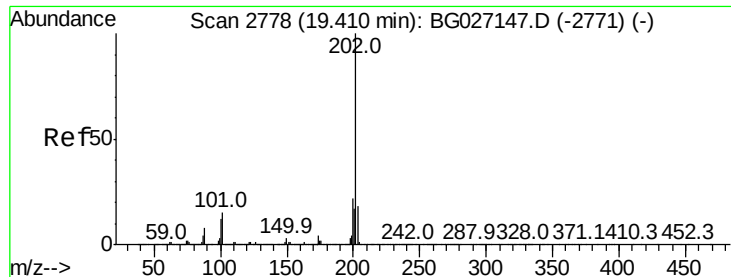


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

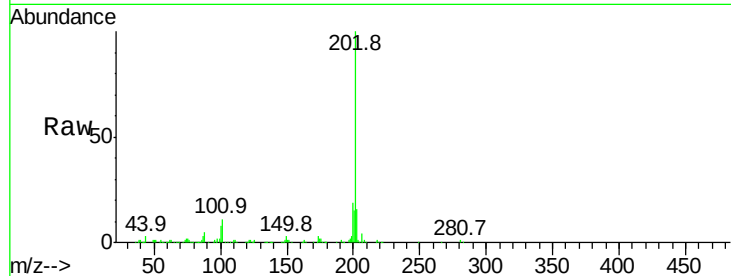




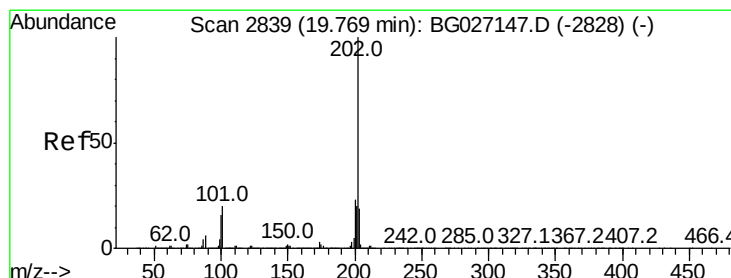
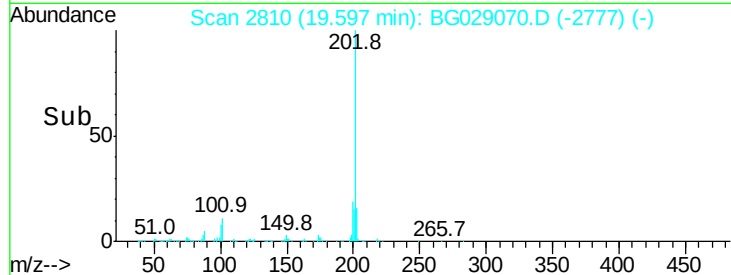
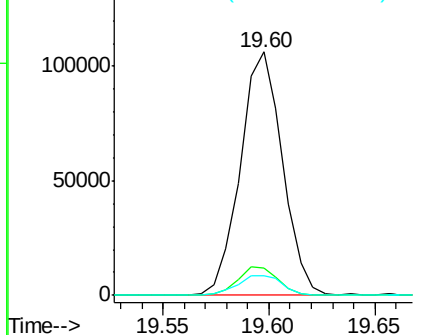
#16
Fluoranthene
Concen: 3.901 ng/ul
RT: 19.60 min Scan# 2810
Delta R.T. -0.01 min
Lab File: BG029070.D
Acq: 8 Oct 2017 6:03

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.9	14.9
100	8.3	7.4	11.0

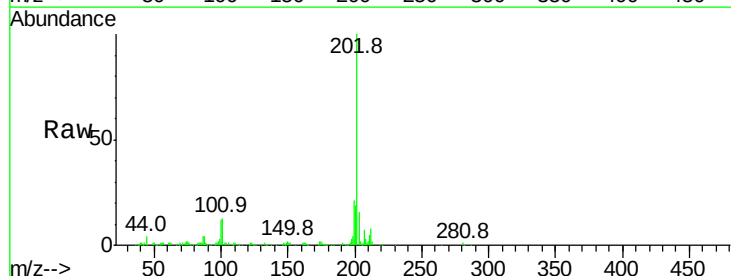


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

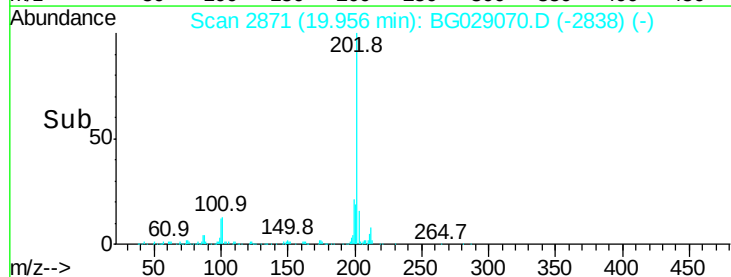
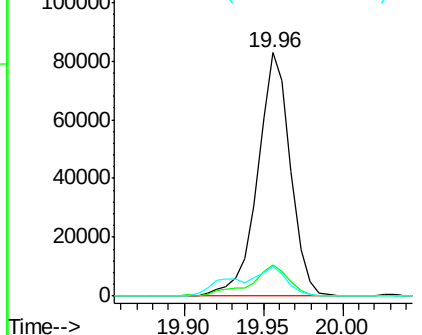


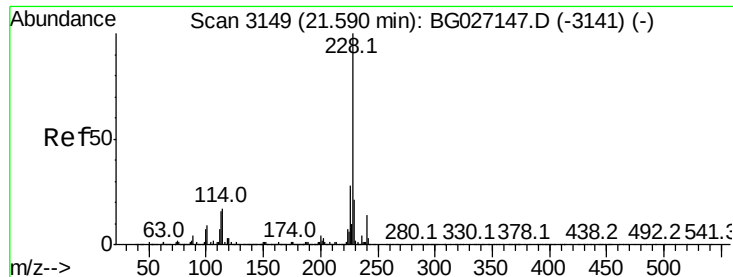
#19
Pyrene
Concen: 3.161 ng/ul
RT: 19.96 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BG029070.D
Acq: 8 Oct 2017 6:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.0	16.4
100	12.1	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): B





#20

Benzo(a)anthracene

Concen: 1.774 ng/ul

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG029070.D

Acq: 8 Oct 2017 6:03

Instrument :

BNA_G

ClientSampled :

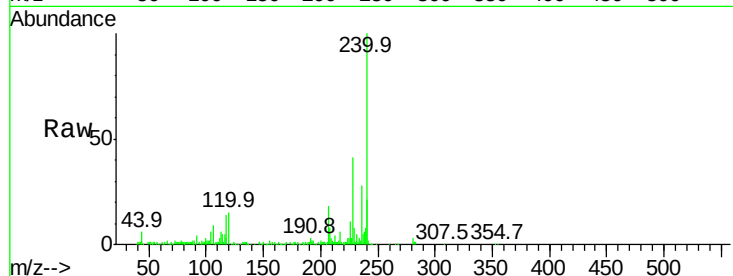
Tot Ion:228 Resp: 63242

Ion Ratio Lower Upper

228 100

229 19.3 15.7 23.5

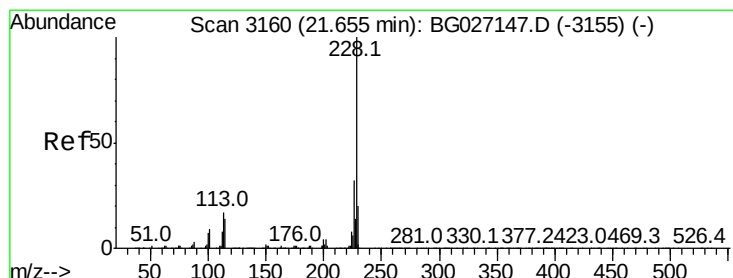
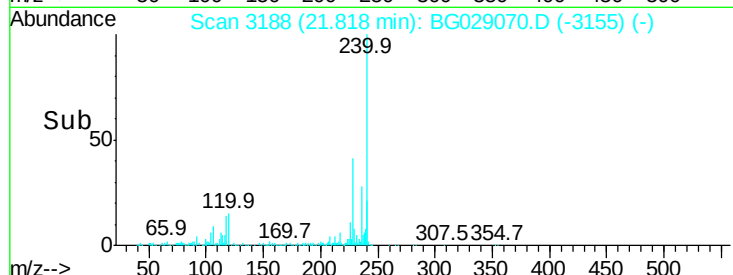
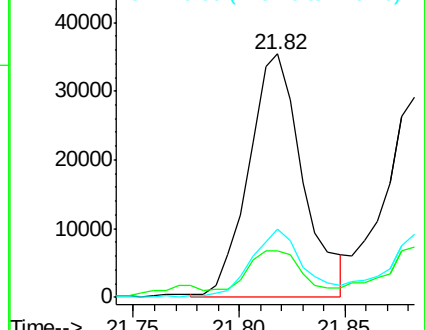
226 28.0 21.1 31.7



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



#21

Chrysene

Concen: 1.937 ng/ul

RT: 21.82 min Scan# 3188

Delta R.T. -0.08 min

Lab File: BG029070.D

Acq: 8 Oct 2017 6:03

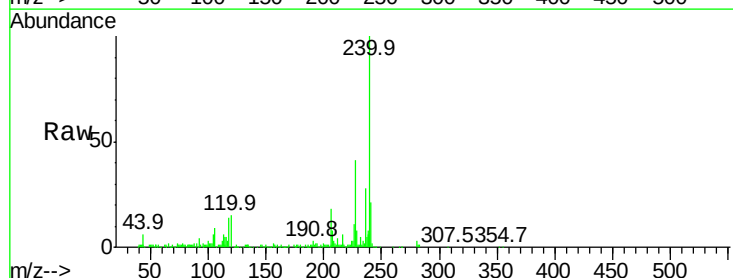
Tgt Ion:228 Resp: 63242

Ion Ratio Lower Upper

228 100

226 28.0 24.5 36.7

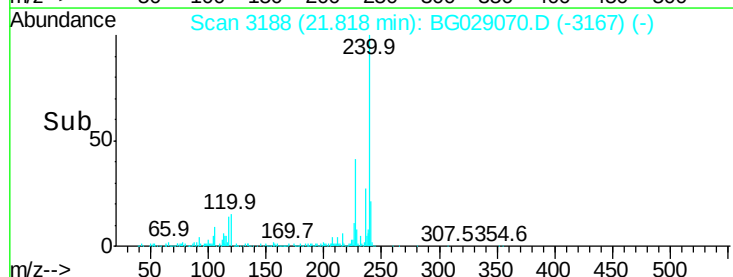
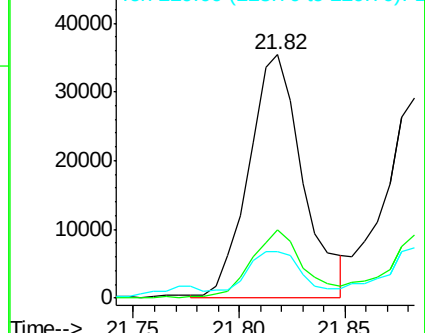
229 19.3 15.8 23.8

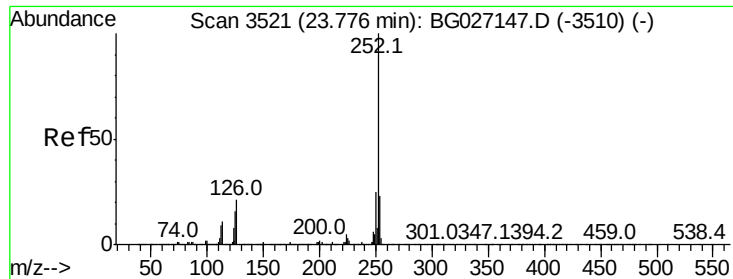


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 1.869 ng/ul

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG029070.D

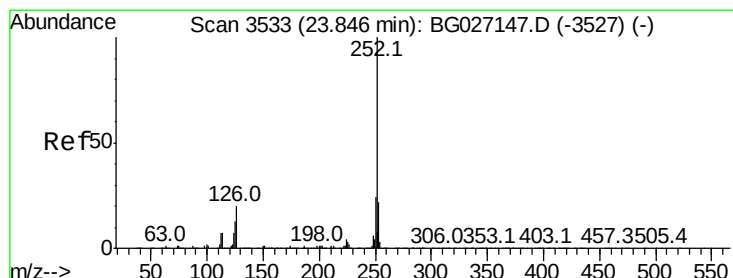
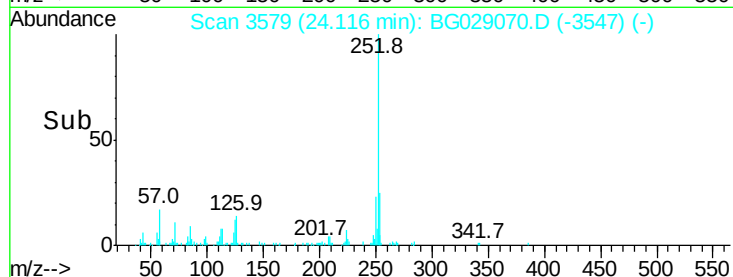
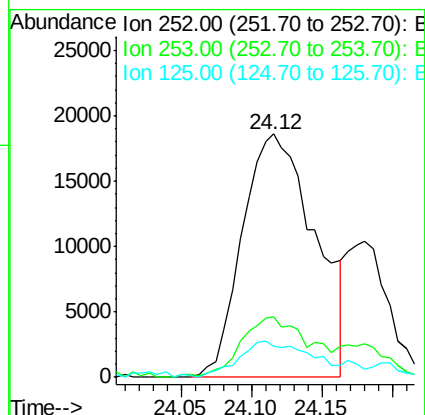
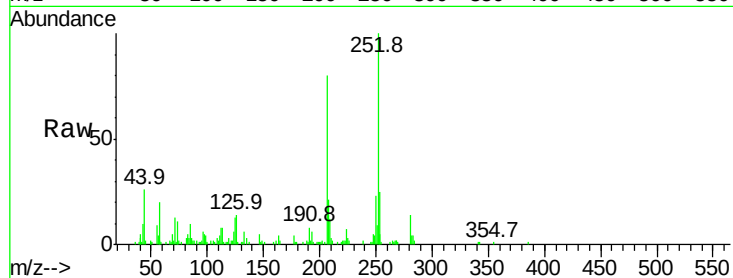
Acq: 8 Oct 2017 6:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	66802
Ion Ratio	Lower	Upper
252	100	
253	24.7	18.0 27.0
125	12.8	8.0 12.0#



#24

Benzo(k)fluoranthene

Concen: 1.915 ng/ul

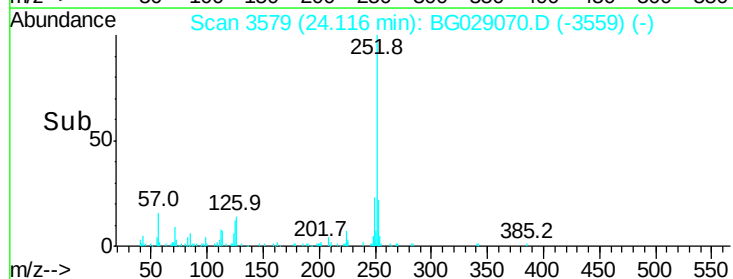
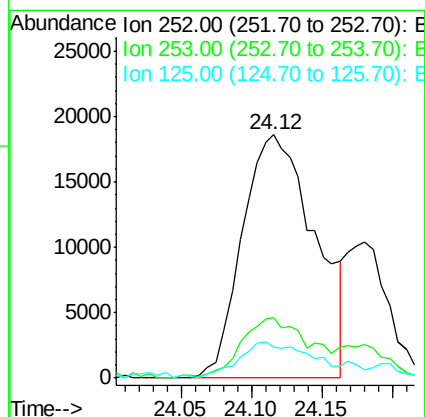
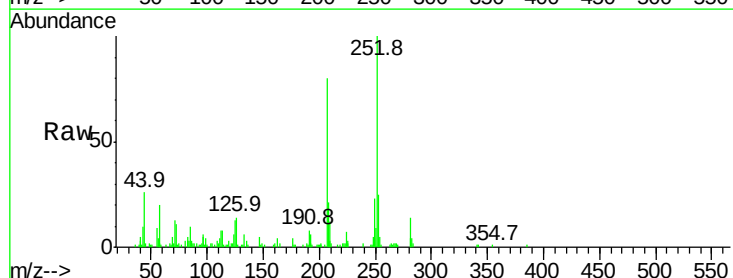
RT: 24.12 min Scan# 3579

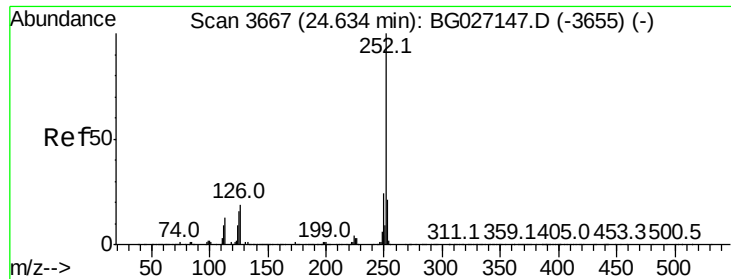
Delta R.T. -0.08 min

Lab File: BG029070.D

Acq: 8 Oct 2017 6:03

Tgt Ion:252	Resp:	66802
Ion Ratio	Lower	Upper
252	100	
253	24.7	18.0 27.0
125	12.8	8.1 12.1#





#26

Benzo(a)pyrene

Concen: 1.216 ng/ul

RT: 25.01 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG029070.D

Acq: 8 Oct 2017 6:03

Instrument :

BNA_G

ClientSampleId :

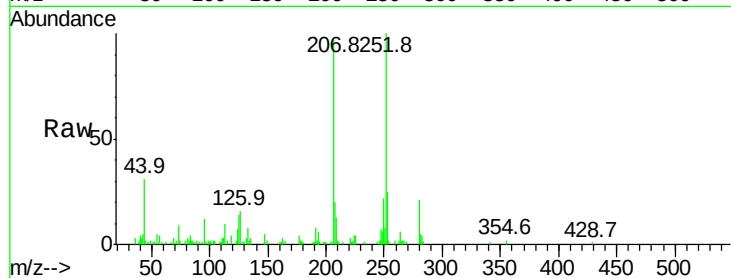
Tot Ion:252 Resp: 42213

Ion Ratio Lower Upper

252 100

253 24.9 17.2 25.8

125 13.8 8.2 12.4#



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

