

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026246.D
 Acq On : 15 Mar 2017 22:58
 Operator : SJ/MA
 Sample : I2237-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABH5

Quant Time: Mar 16 03:54:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 03:52:56 2017
 Response via : Initial Calibration

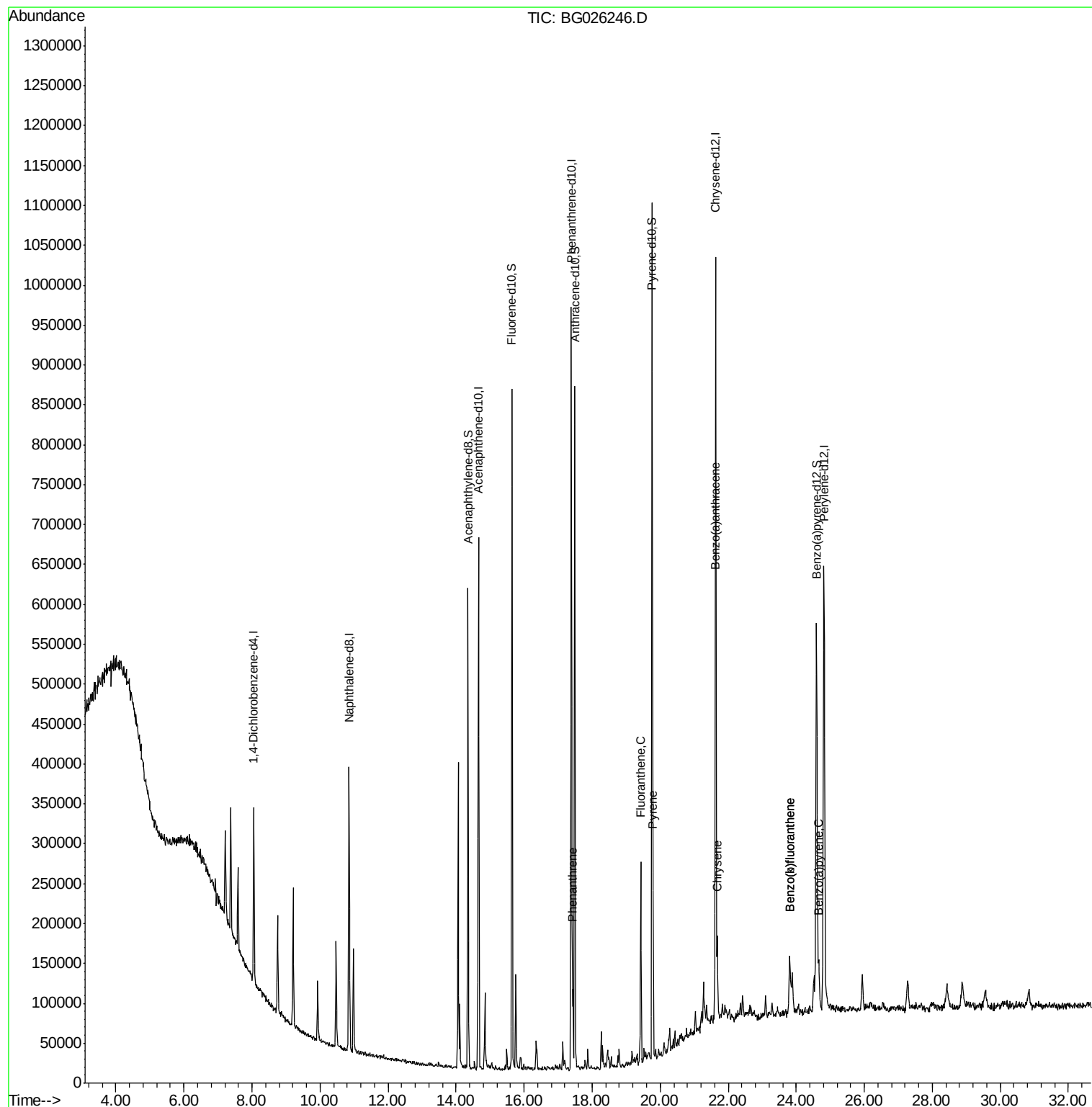
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58990	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	310777	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	209926	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	548702	20.00	ng/ul	0.00
17) Chrysene-d12	21.63	240	533291	20.00	ng/ul	-0.01
22) Perylene-d12	24.81	264	499429	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	424971	24.45	ng/ul	0.00
10) Fluorene-d10	15.64	176	332877	24.93	ng/ul	0.00
14) Anthracene-d10	17.49	188	476385	19.20	ng/ul	0.00
18) Pyrene-d10	19.76	212	505290	19.66	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	432874	19.58	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.43	178	75476	2.58	ng/ul	97
16) Fluoranthene	19.43	202	147974	4.60	ng/ul	98
19) Pyrene	19.79	202	125542	3.89	ng/ul#	96
20) Benzo(a)anthracene	21.61	228	54771	1.83	ng/ul	94
21) Chrysene	21.68	228	65941	2.30	ng/ul	96
23) Benzo(b)fluoranthene	23.81	252	83427	2.89	ng/ul	97
24) Benzo(k)fluoranthene	23.81	252	83427	2.99	ng/ul	97
26) Benzo(a)pyrene	24.66	252	51414	1.84	ng/ul#	94

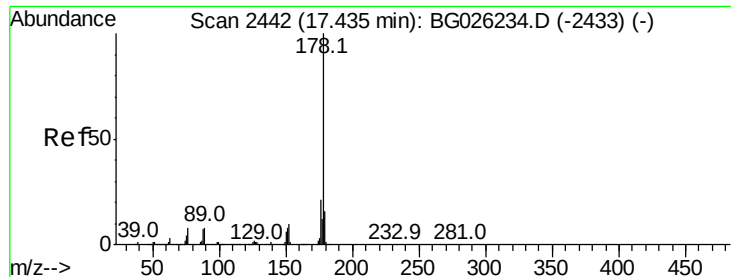
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.58 ng/ul

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG026246.D

Acq: 15 Mar 2017 22:58

Instrument :

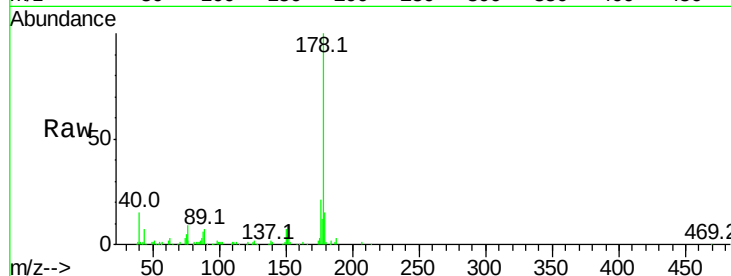
BNA_G

ClientSampleId :

DABH5

Tot Ion:178 Resp: 75476

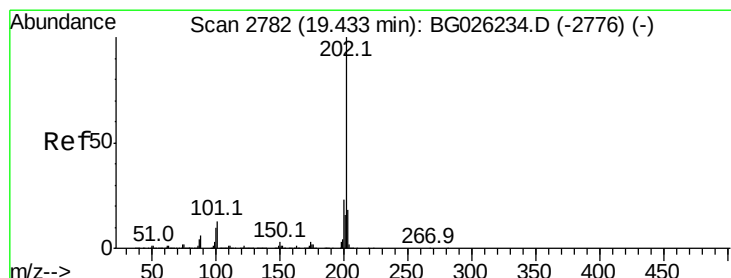
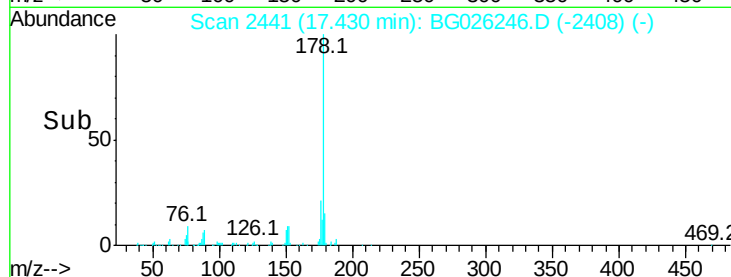
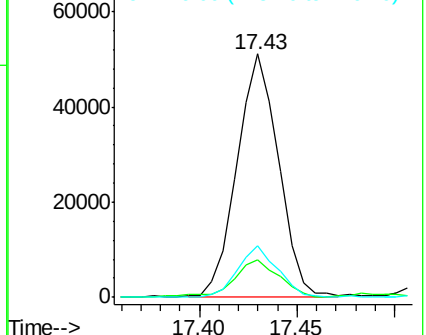
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	21.4	15.1	22.7



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: 4.60 ng/ul

RT: 19.43 min Scan# 2781

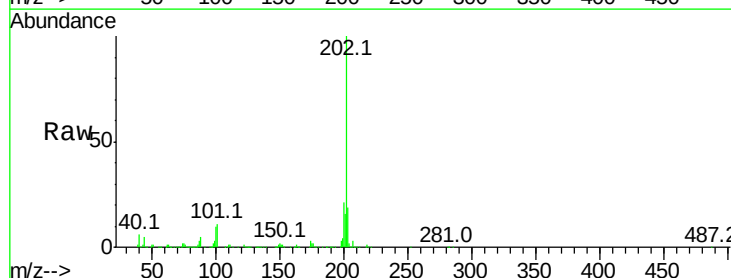
Delta R.T. -0.01 min

Lab File: BG026246.D

Acq: 15 Mar 2017 22:58

Tgt Ion:202 Resp: 147974

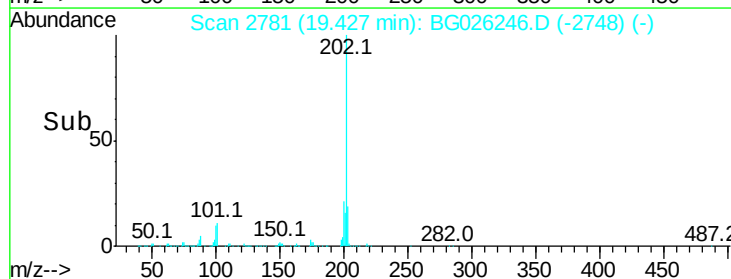
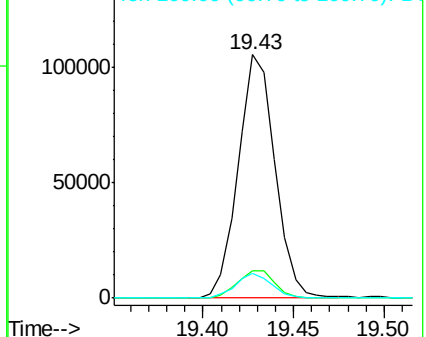
Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.9	14.9
100	10.0	7.4	11.0

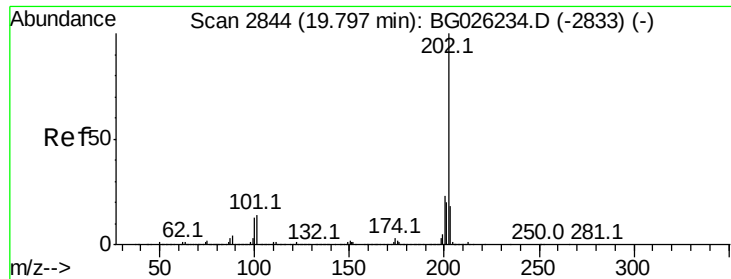


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

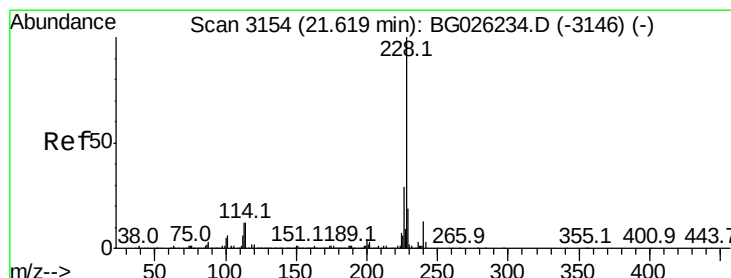
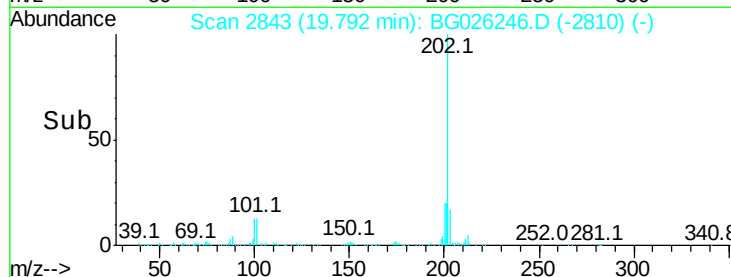
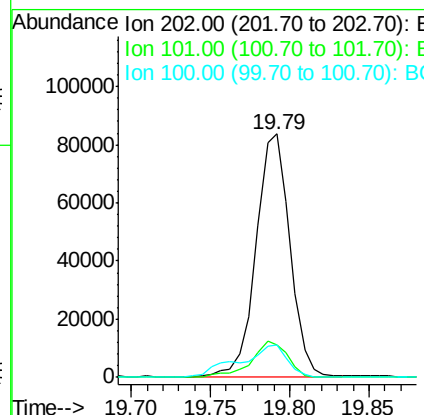
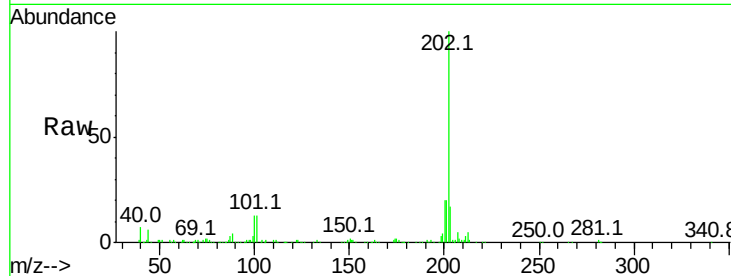




#19
 Pvrene
 Concen: 3.89 ng/ul
 RT: 19.79 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BG026246.D
 Acq: 15 Mar 2017 22:58

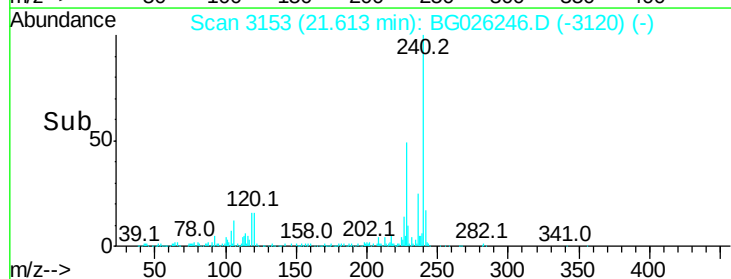
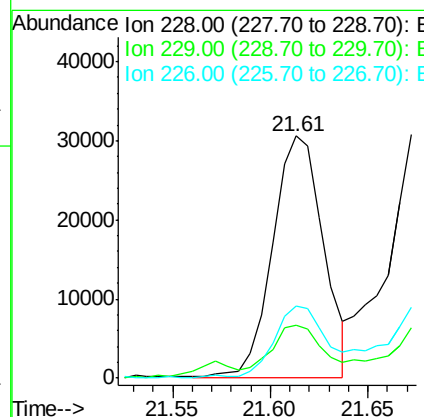
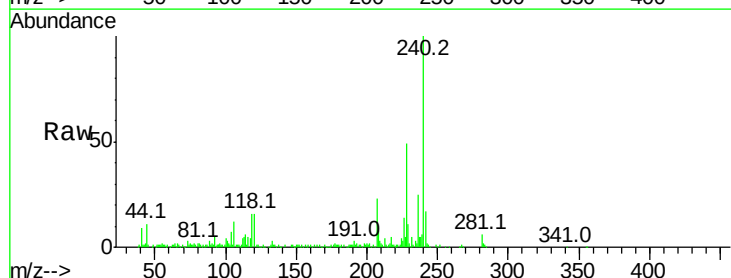
Instrument :
 BNA_G
 ClientSampled :
 DABH5

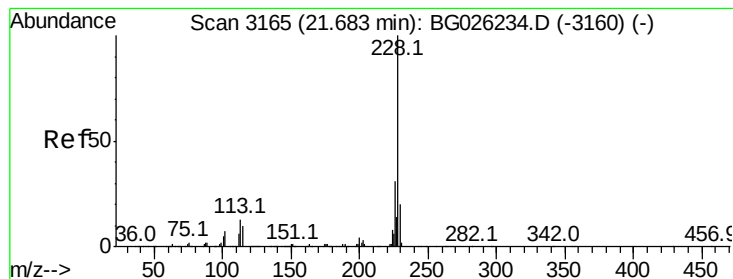
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.0	16.4
100	13.2	8.1	12.1



#20
 Benzo(a)anthracene
 Concen: 1.83 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG026246.D
 Acq: 15 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	29.7	21.1	31.7





#21

Chrysene

Concen: 2.30 ng/ul

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG026246.D

Acq: 15 Mar 2017 22:58

Instrument :

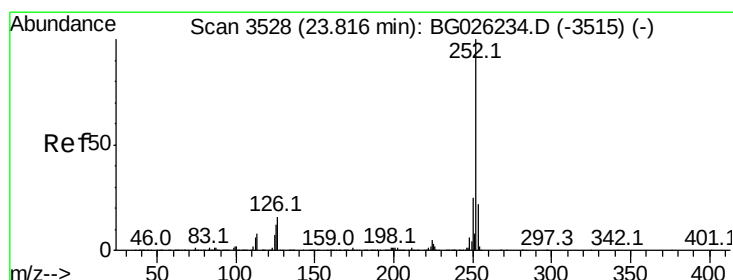
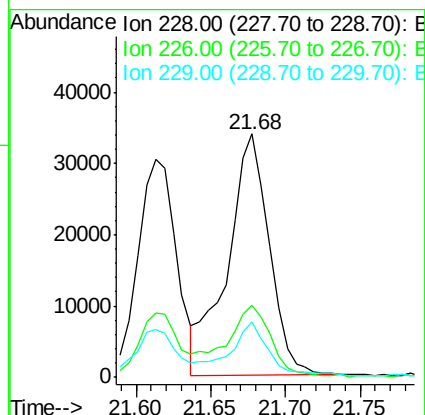
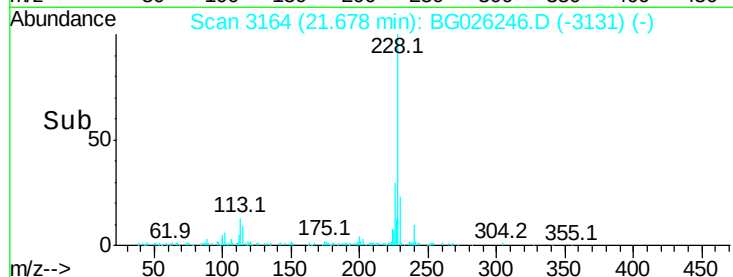
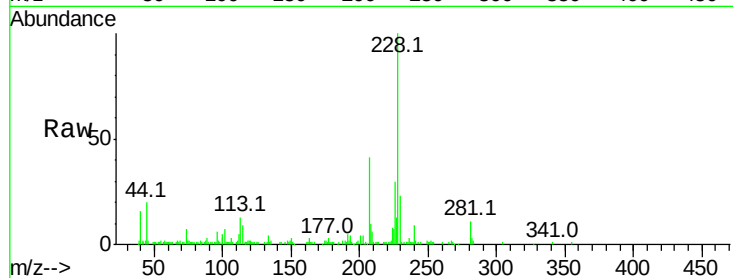
BNA_G

ClientSampleId :

DABH5

Tot Ion:228 Resp: 65941

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.5	36.7
229	23.0	15.8	23.8



#23

Benzo(b)fluoranthene

Concen: 2.89 ng/ul

RT: 23.81 min Scan# 3527

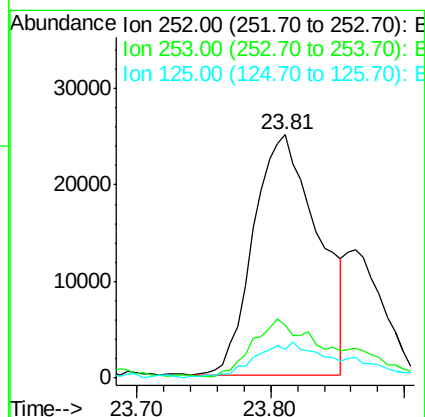
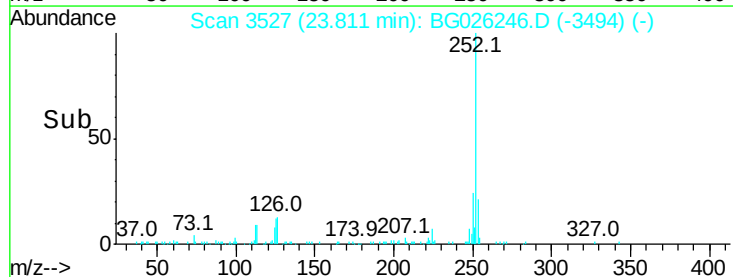
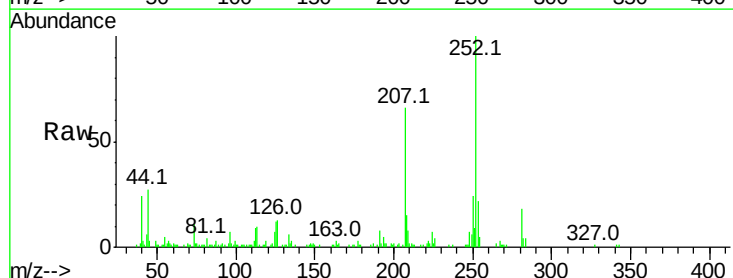
Delta R.T. -0.01 min

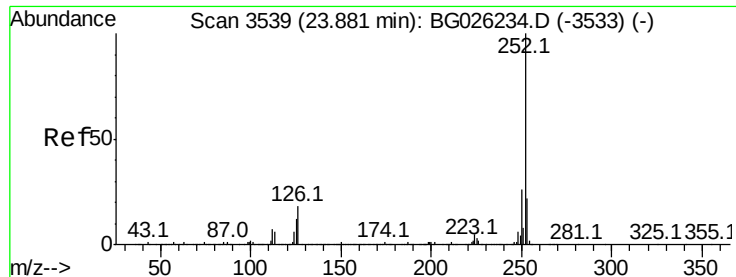
Lab File: BG026246.D

Acq: 15 Mar 2017 22:58

Tgt Ion:252 Resp: 83427

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.8	8.0	12.0

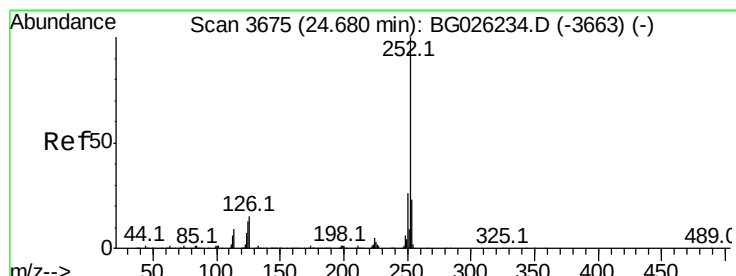
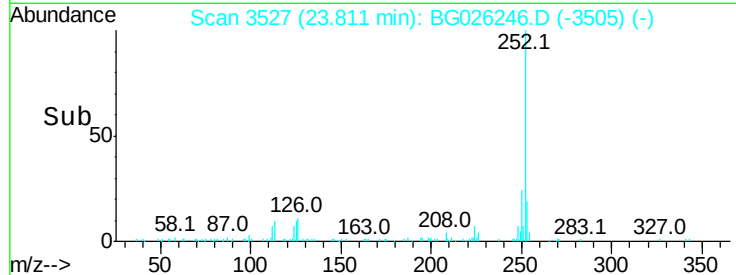
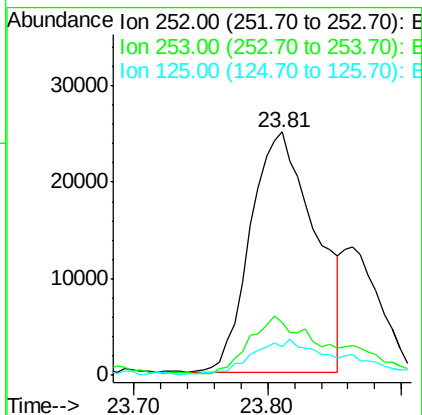
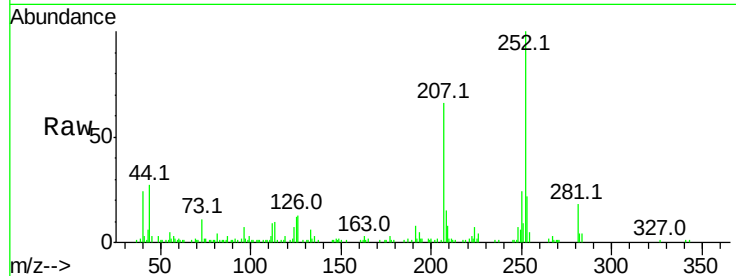




#24
Benzo(k)fluoranthene
Concen: 2.99 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. -0.07 min
Lab File: BG026246.D
Acq: 15 Mar 2017 22:58

Instrument :
BNA_G
ClientSampleId :
DABH5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.8	8.1	12.1



#26
Benzo(a)pyrene
Concen: 1.84 ng/ul
RT: 24.66 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG026246.D
Acq: 15 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	15.3	8.2	12.4#

