

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026249.D
 Acq On : 16 Mar 2017 00:56
 Operator : SJ/MA
 Sample : I2236-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABG0

Quant Time: Mar 16 04:25:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 04:25:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64577	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	355039	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	227240	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	531841	20.00	ng/ul	0.00
17) Chrysene-d12	21.63	240	537037	20.00	ng/ul	0.00
22) Perylene-d12	24.81	264	501784	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.35	160	451135	23.97	ng/ul	0.00
10) Fluorene-d10	15.64	176	337011	23.32	ng/ul	0.00
14) Anthracene-d10	17.49	188	472810	19.66	ng/ul	0.00
18) Pyrene-d10	19.76	212	502822	19.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	450551	20.29	ng/ul	0.00

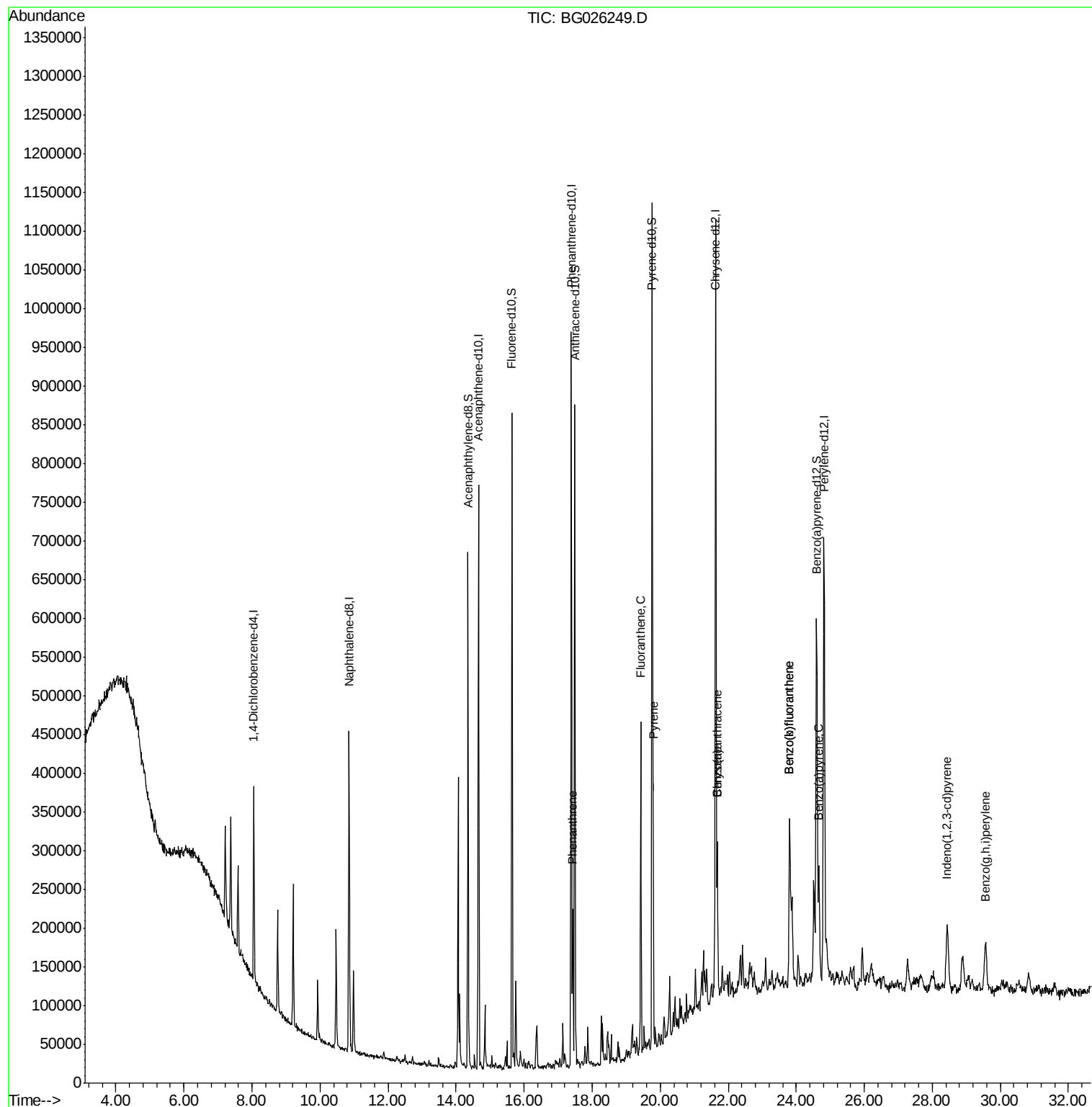
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.43	178	120430	4.25	ng/ul	99
16) Fluoranthene	19.43	202	237596	7.62	ng/ul	99
19) Pyrene	19.79	202	196743	6.05	ng/ul#	97
20) Benzo(a)anthracene	21.68	228	143465	4.75	ng/ul	92
21) Chrysene	21.68	228	143173	4.96	ng/ul	97
23) Benzo(b)fluoranthene	23.80	252	251036	8.66	ng/ul#	97
24) Benzo(k)fluoranthene	23.80	252	251036	8.96	ng/ul	97
26) Benzo(a)pyrene	24.67	252	138291	4.93	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.43	276	115288	3.51	ng/ul#	89
29) Benzo(g,h,i)perylene	29.54	276	39688	1.46	ng/ul#	90

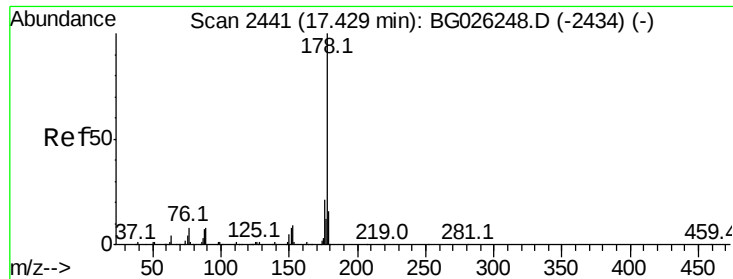
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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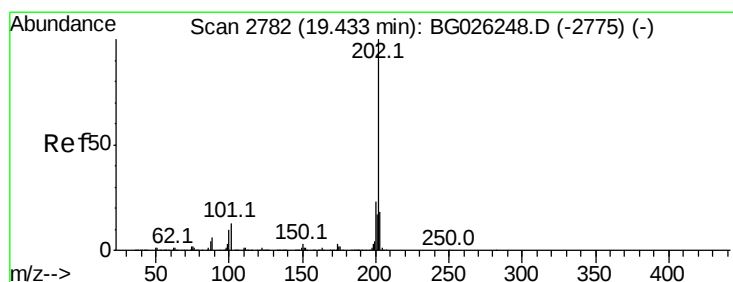
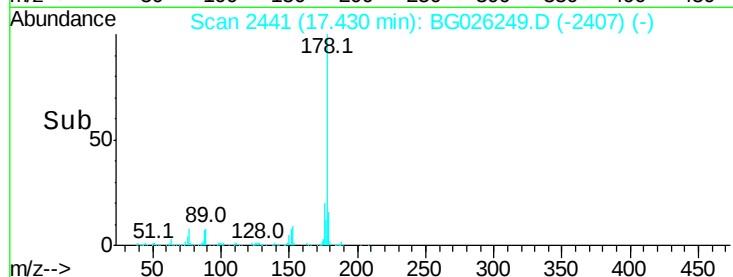
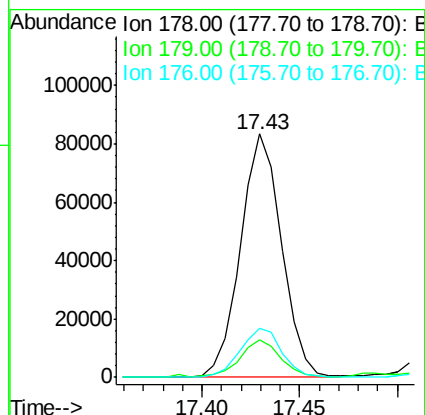
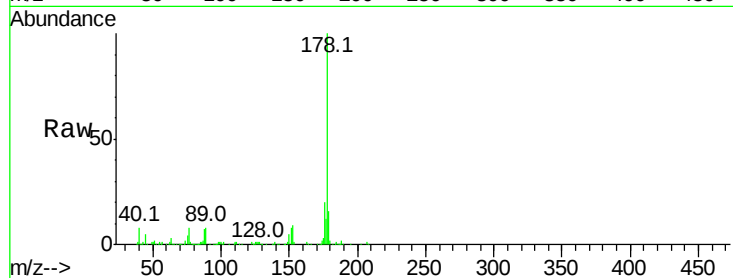




#13
Phenanthrene
Concen: 4.25 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG026249.D
Acq: 16 Mar 2017 00:56

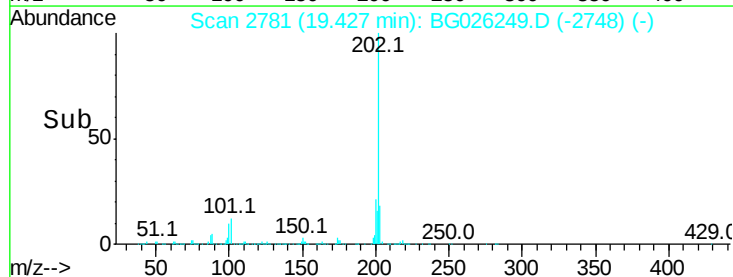
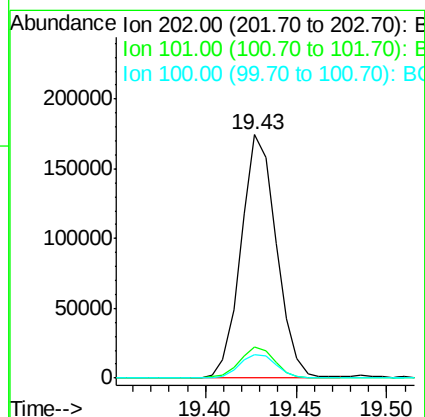
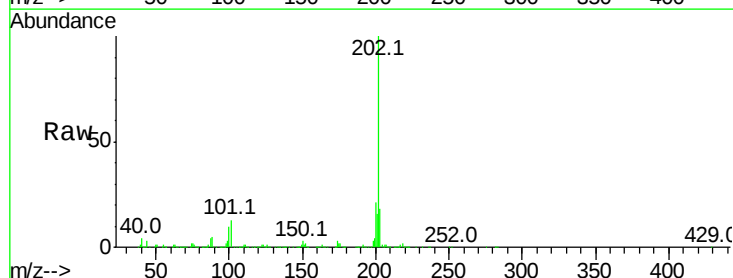
Instrument :
BNA_G
ClientSampled :
DABG0

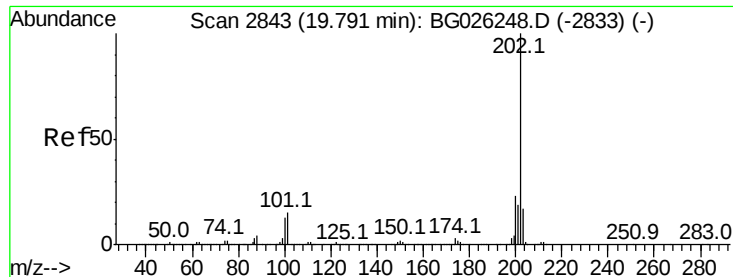
Tot Ion:178 Resp: 120430
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.9 15.1 22.7



#16
Fluoranthene
Concen: 7.62 ng/ul
RT: 19.43 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BG026249.D
Acq: 16 Mar 2017 00:56

Tgt Ion:202 Resp: 237596
Ion Ratio Lower Upper
202 100
101 12.7 9.9 14.9
100 9.8 7.4 11.0





#19

Pvrene

Concen: 6.05 ng/ul

RT: 19.79 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

Instrument :

BNA_G

ClientSampleId :

DABG0

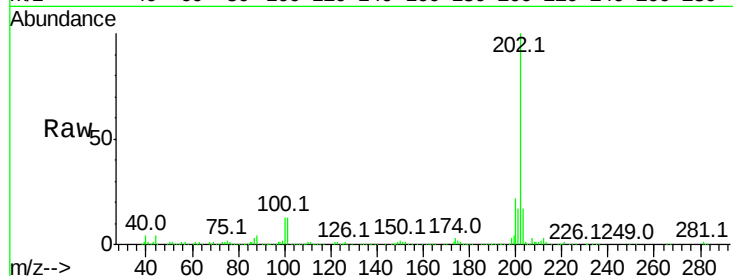
Tot Ion:202 Resp: 196743

Ion Ratio Lower Upper

202 100

101 13.3 11.0 16.4

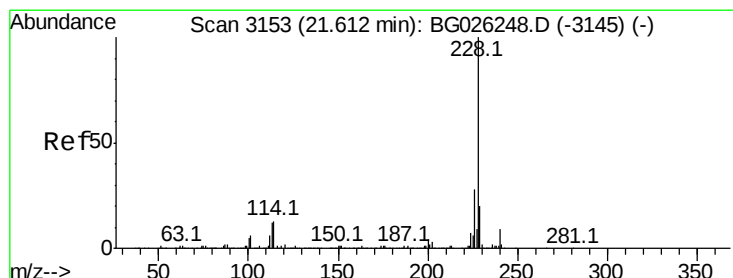
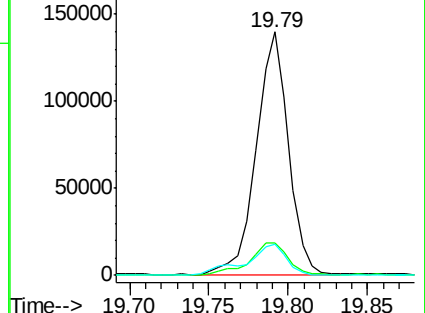
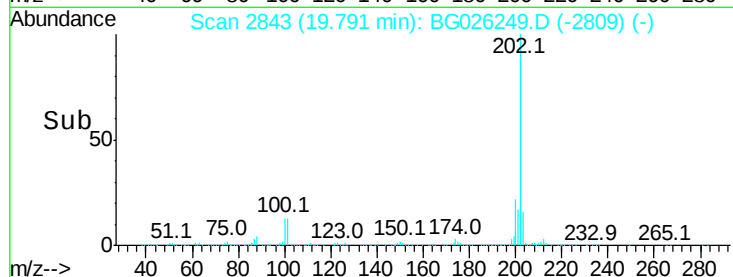
100 12.5 8.1 12.1#



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



#20

Benzo(a)anthracene

Concen: 4.75 ng/ul

RT: 21.68 min Scan# 3164

Delta R.T. 0.07 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

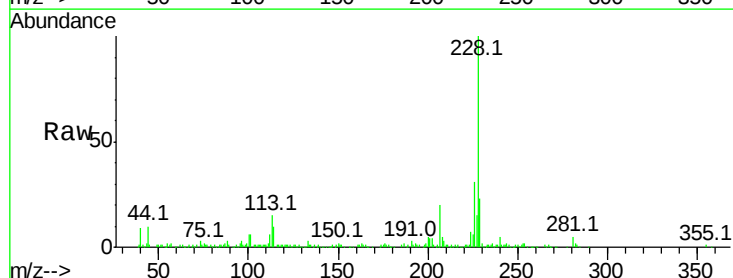
Tgt Ion:228 Resp: 143465

Ion Ratio Lower Upper

228 100

229 22.5 15.7 23.5

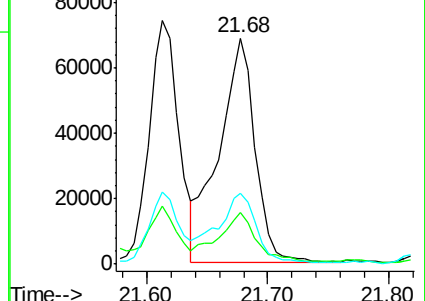
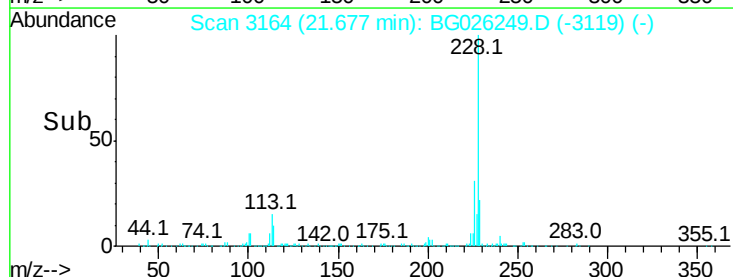
226 31.3 21.1 31.7

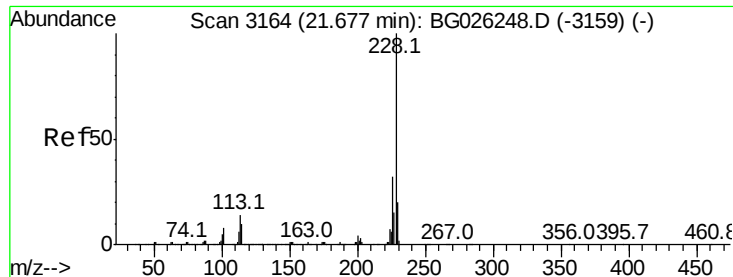


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 4.96 ng/ul

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

Instrument :

BNA_G

ClientSampleId :

DABG0

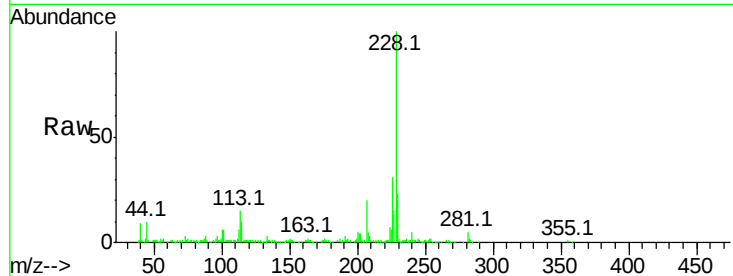
Tot Ion:228 Resp: 143173

Ion Ratio Lower Upper

228 100

226 31.3 24.5 36.7

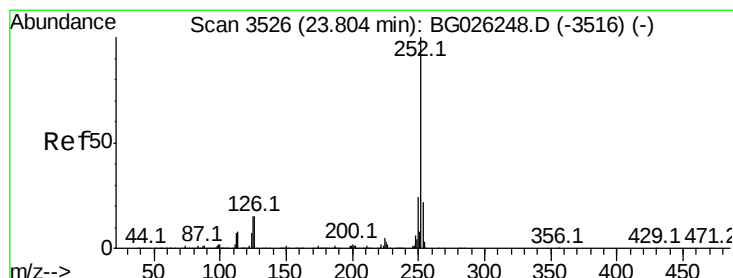
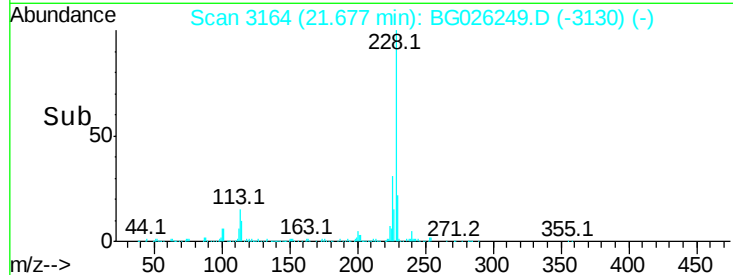
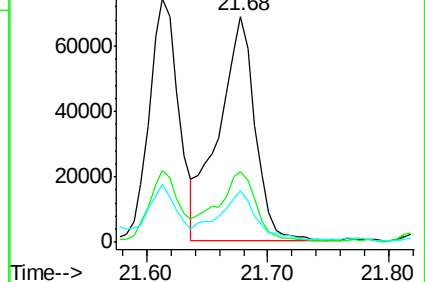
229 22.5 15.8 23.8



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: 8.66 ng/ul

RT: 23.80 min Scan# 3526

Delta R.T. 0.00 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

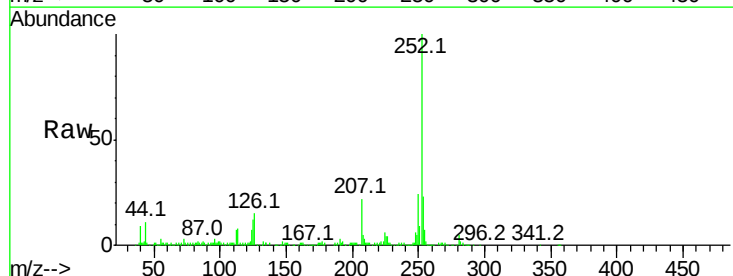
Tgt Ion:252 Resp: 251036

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

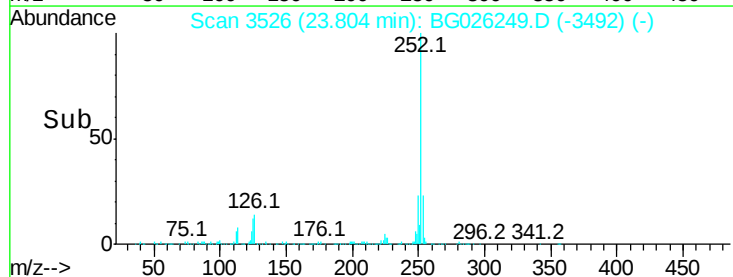
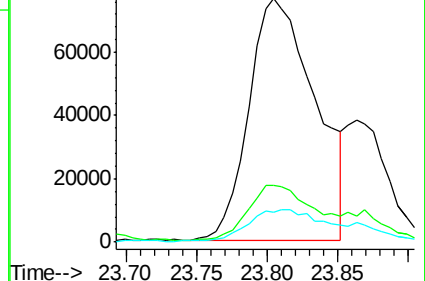
125 12.1 8.0 12.0#

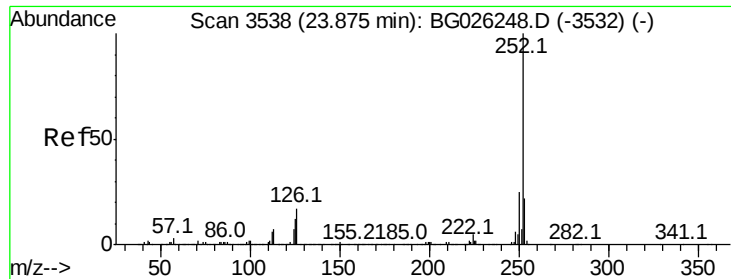


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

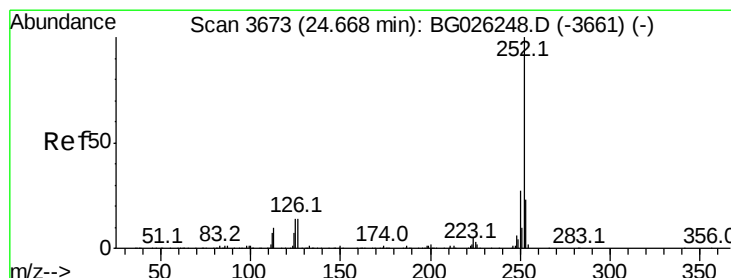
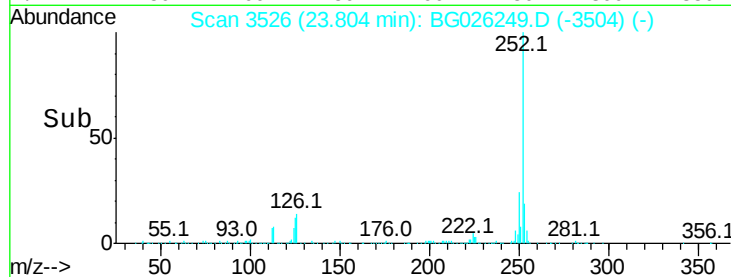
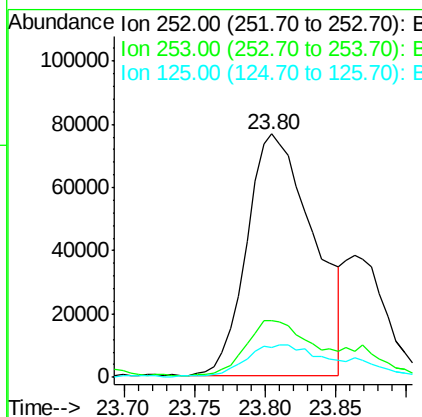
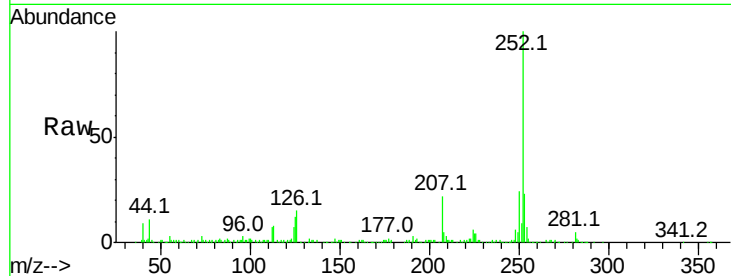




#24
Benzo(k)fluoranthene
Concen: 8.96 ng/ul
RT: 23.80 min Scan# 3526
Delta R.T. -0.07 min
Lab File: BG026249.D
Acq: 16 Mar 2017 00:56

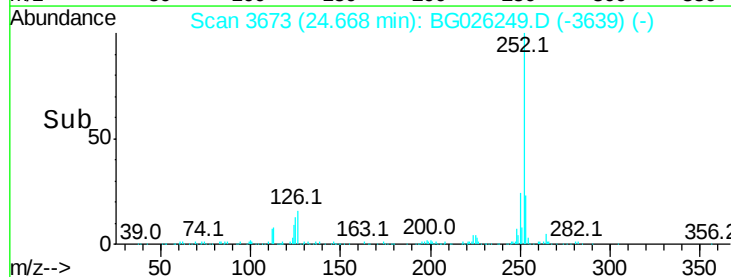
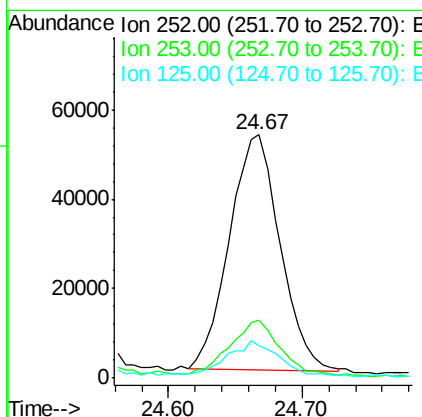
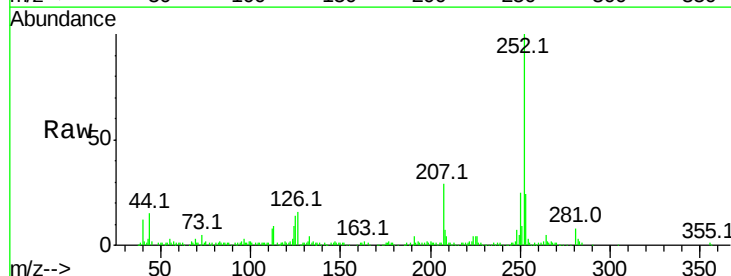
Instrument :
BNA_G
ClientSampleId :
DABG0

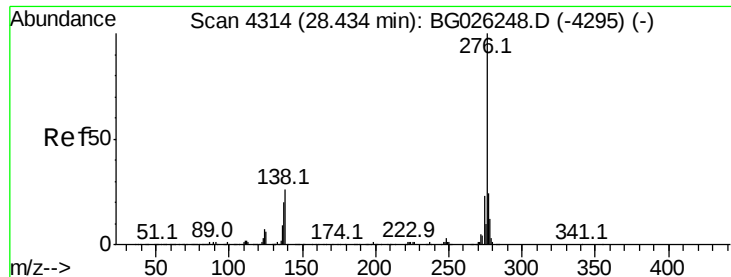
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.1	8.1	12.1



#26
Benzo(a)pyrene
Concen: 4.93 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. 0.00 min
Lab File: BG026249.D
Acq: 16 Mar 2017 00:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	13.6	8.2	12.4#

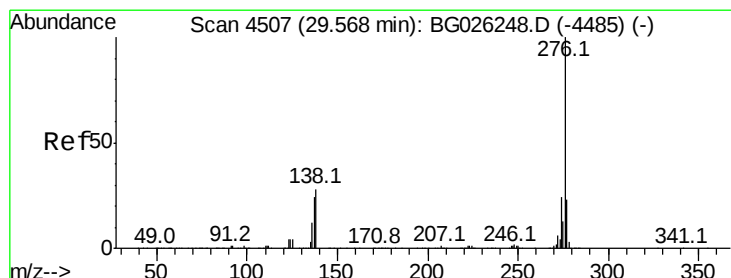
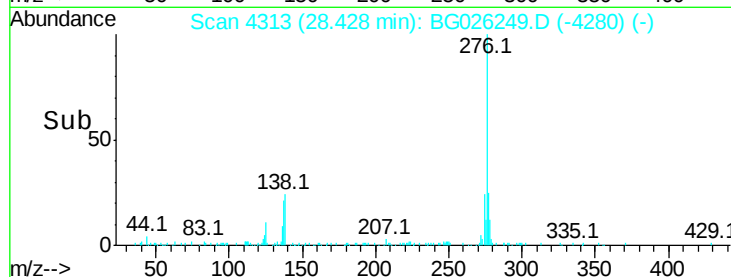
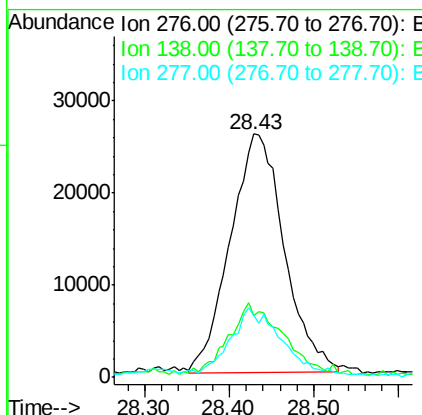
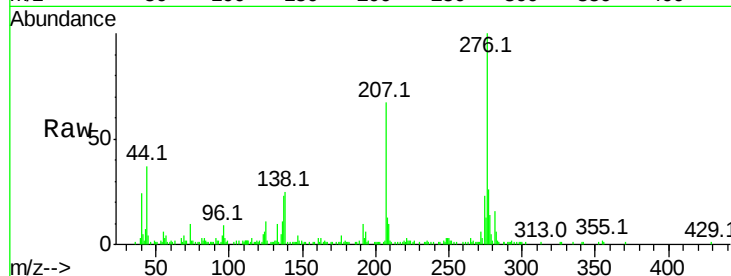




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.51 ng/ul
 RT: 28.43 min Scan# 4313
 Delta R.T. -0.01 min
 Lab File: BG026249.D
 Acq: 16 Mar 2017 00:56

Instrument :
 BNA_G
 ClientSampleId :
 DABG0

Tot Ion:276 Resp: 115288
 Ion Ratio Lower Upper
 276 100
 138 25.2 14.4 21.6#
 277 25.6 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.46 ng/ul
 RT: 29.54 min Scan# 4503
 Delta R.T. -0.02 min
 Lab File: BG026249.D
 Acq: 16 Mar 2017 00:56

Tgt Ion:276 Resp: 39688
 Ion Ratio Lower Upper
 276 100
 138 29.0 15.3 22.9#
 277 23.5 19.0 28.4

