

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026259.D
 Acq On : 16 Mar 2017 7:28
 Operator : SJ/MA
 Sample : I2236-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 08:06:44 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	8.06	152	90373	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	462251	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	252524	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	539218	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	589485	20.00	ng/ul	0.00
22) Perylene-d12	24.83	264	562428	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.35	160	418044	19.99	ng/ul	0.00
10) Fluorene-d10	15.65	176	295679	18.41	ng/ul	0.00
14) Anthracene-d10	17.49	188	413018	16.94	ng/ul	0.00
18) Pyrene-d10	19.77	212	460513	16.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	430339	17.29	ng/ul	0.01

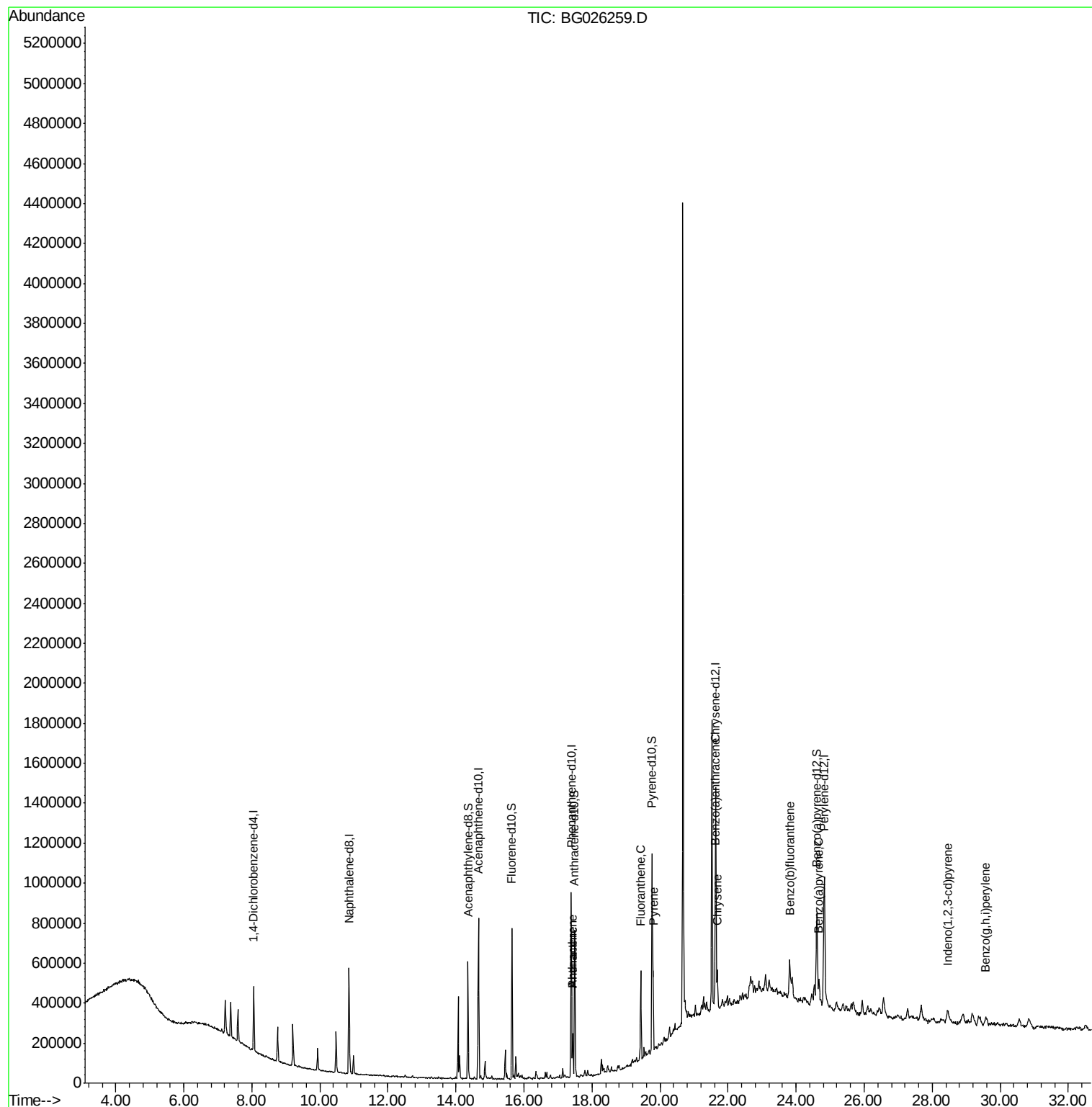
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.43	178	135018	4.69	ng/ul	97
15) Anthracene	17.43	178	135018	4.62	ng/ul	96
16) Fluoranthene	19.43	202	272130	8.61	ng/ul	98
19) Pyrene	19.80	202	234657	6.58	ng/ul	98
20) Benzo(a)anthracene	21.62	228	134379	4.05	ng/ul	95
21) Chrysene	21.68	228	132793	4.19	ng/ul	96
23) Benzo(b)fluoranthene	23.81	252	185782	5.72	ng/ul#	92
26) Benzo(a)pyrene	24.67	252	122894	3.91	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.45	276	90774	2.46	ng/ul#	84
29) Benzo(g,h,i)perylene	29.58	276	81586	2.68	ng/ul#	91

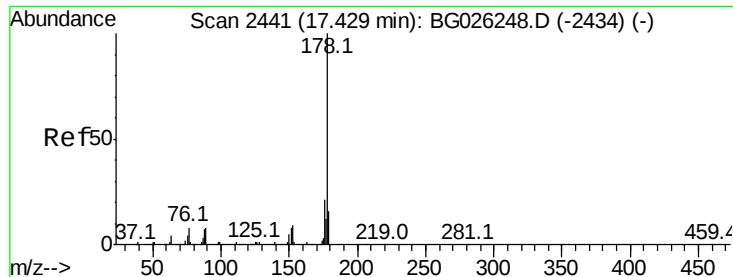
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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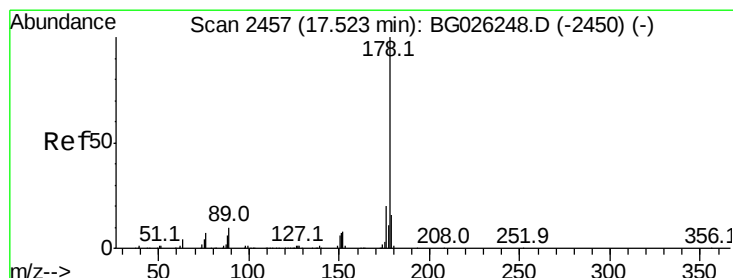
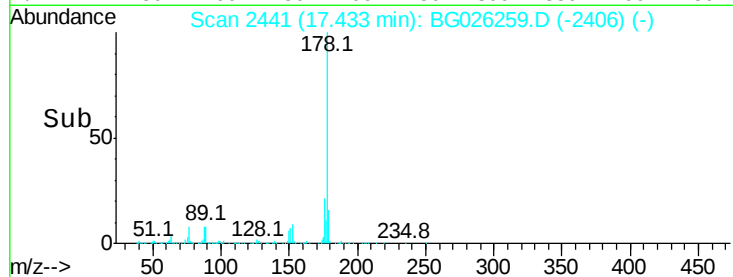
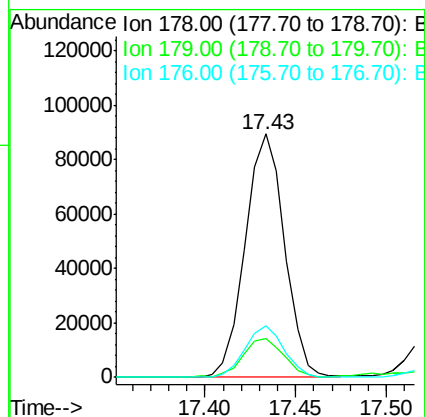
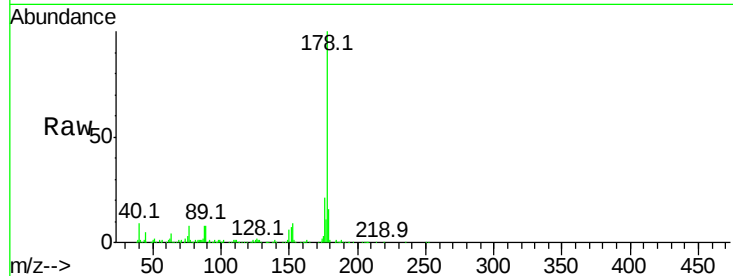




#13
Phenanthrene
Concen: 4.69 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG026259.D
Acq: 16 Mar 2017 7:28

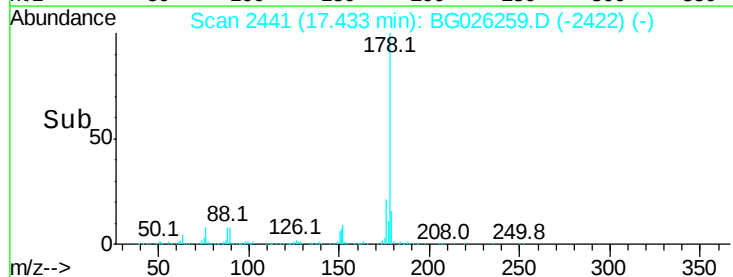
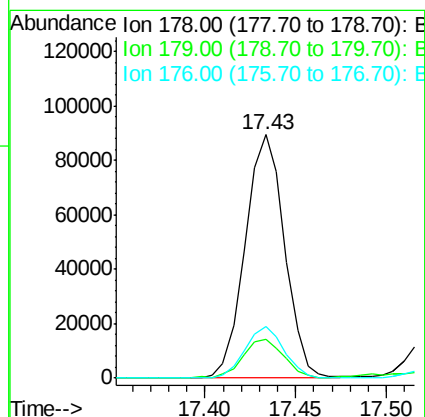
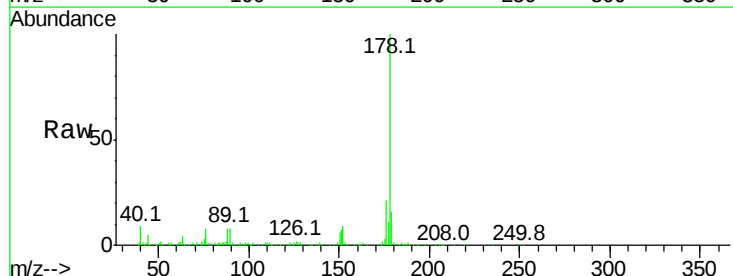
Instrument :
BNA_G
ClientSampleId :

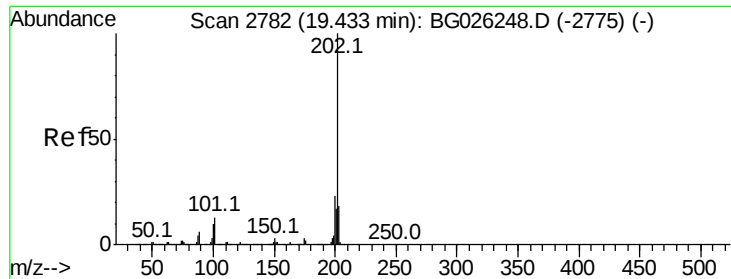
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	21.3	15.1	22.7



#15
Anthracene
Concen: 4.62 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.09 min
Lab File: BG026259.D
Acq: 16 Mar 2017 7:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	21.3	15.2	22.8

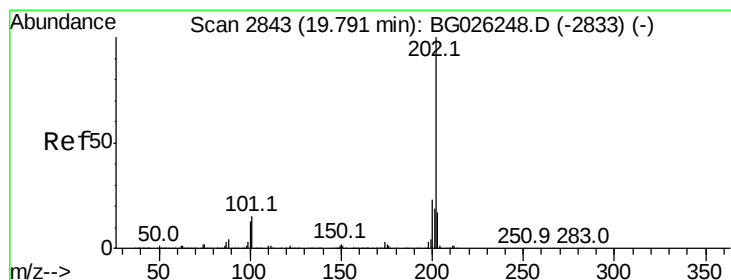
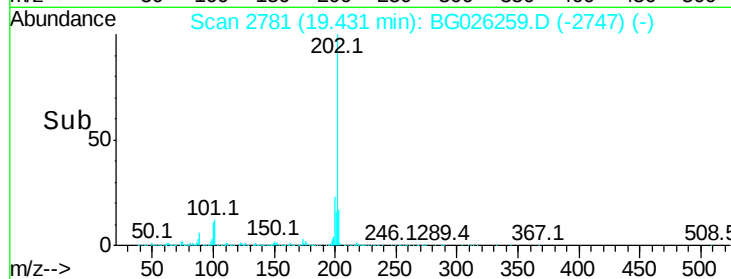
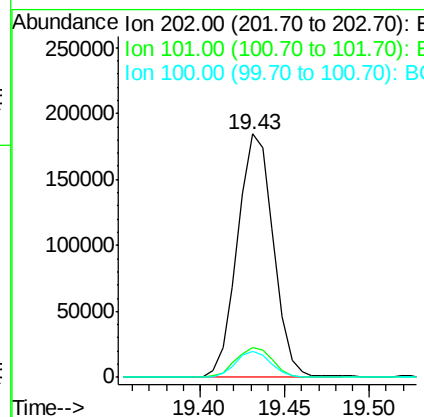
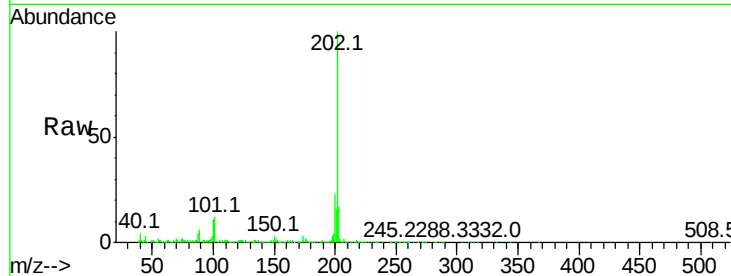




#16
Fluoranthene
Concen: 8.61 ng/ul
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026259.D
Acq: 16 Mar 2017 7:28

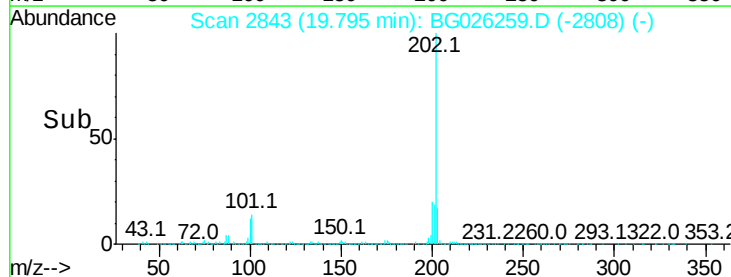
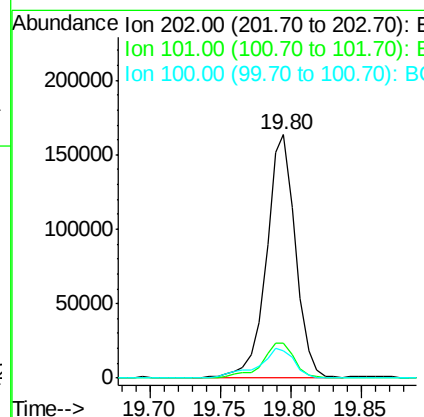
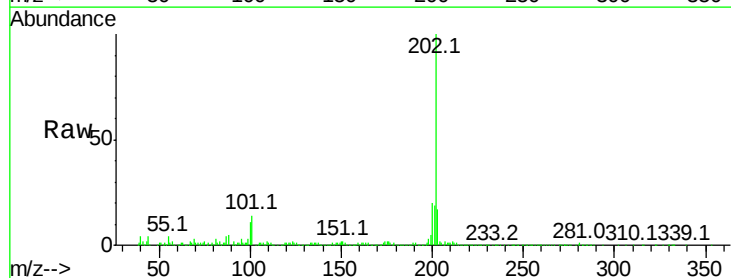
Instrument :
BNA_G
ClientSampleId :

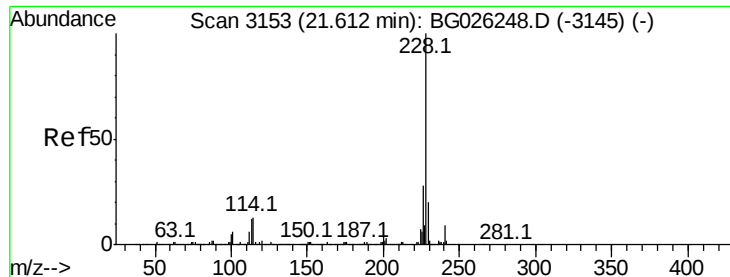
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.9	14.9
100	10.8	7.4	11.0



#19
Pyrene
Concen: 6.58 ng/ul
RT: 19.80 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026259.D
Acq: 16 Mar 2017 7:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.0	16.4
100	11.4	8.1	12.1





#20

Benzo(a)anthracene

Concen: 4.05 ng/ul

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG026259.D

Acq: 16 Mar 2017 7:28

Instrument :

BNA_G

ClientSampled :

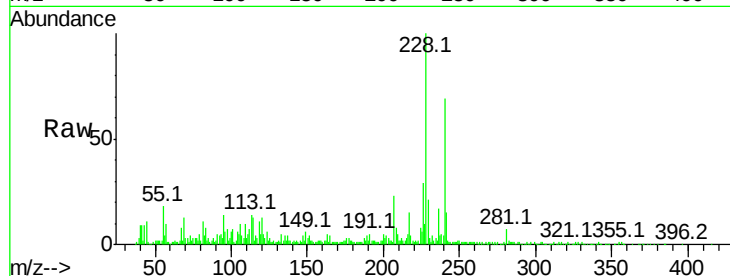
Tot Ion:228 Resp: 134379

Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

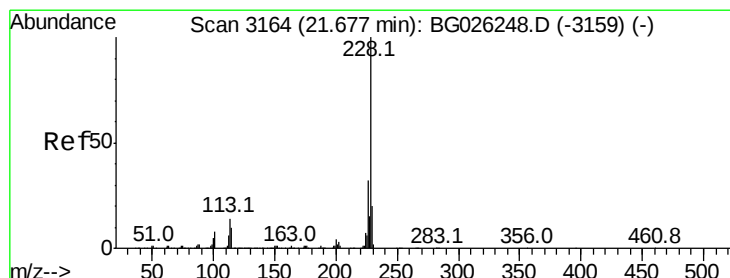
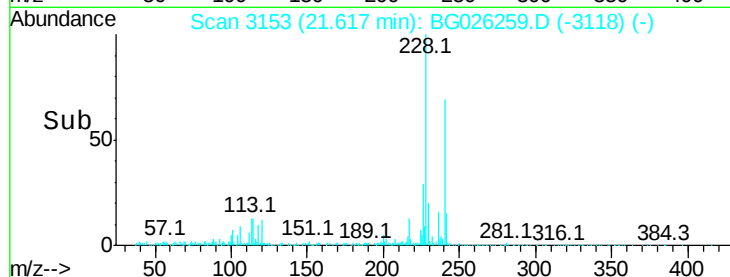
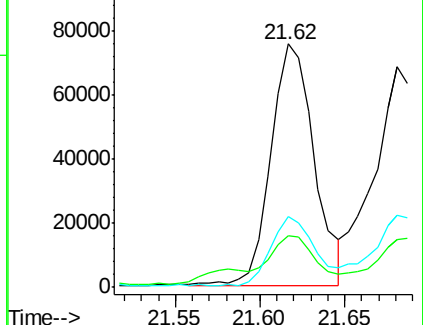
226 29.0 21.1 31.7



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: 4.19 ng/ul

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG026259.D

Acq: 16 Mar 2017 7:28

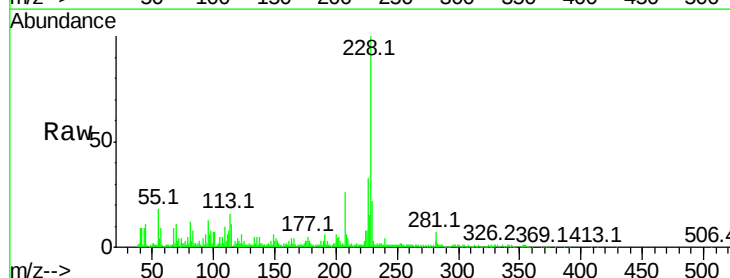
Tgt Ion:228 Resp: 132793

Ion Ratio Lower Upper

228 100

226 32.6 24.5 36.7

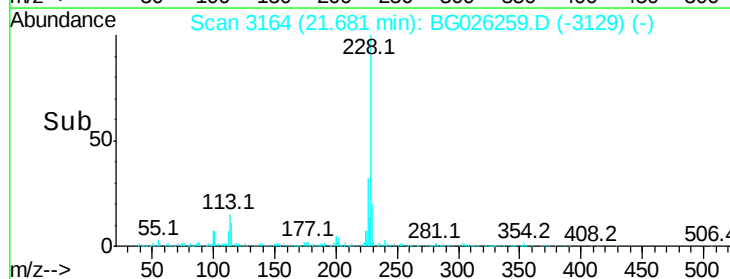
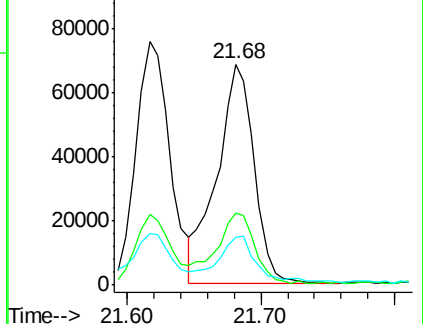
229 21.7 15.8 23.8

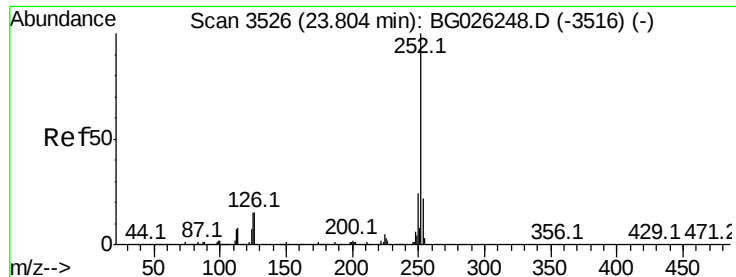


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 5.72 ng/ul

RT: 23.81 min Scan# 3526

Delta R.T. 0.00 min

Lab File: BG026259.D

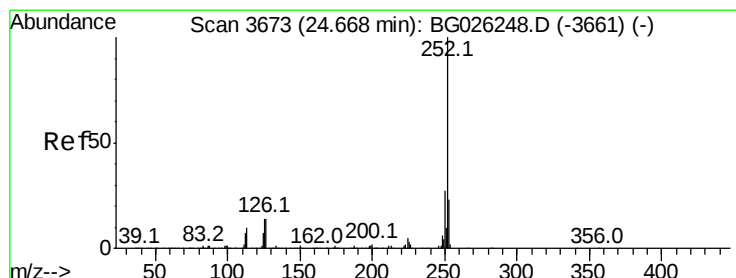
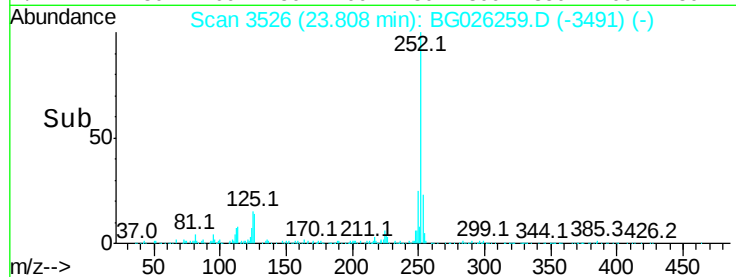
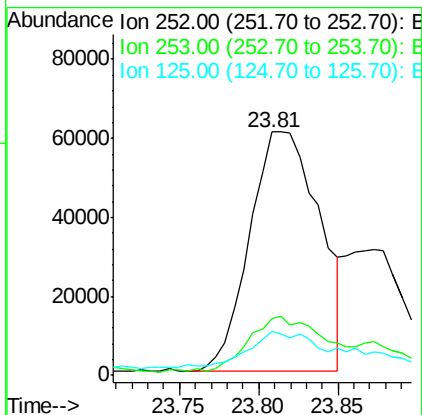
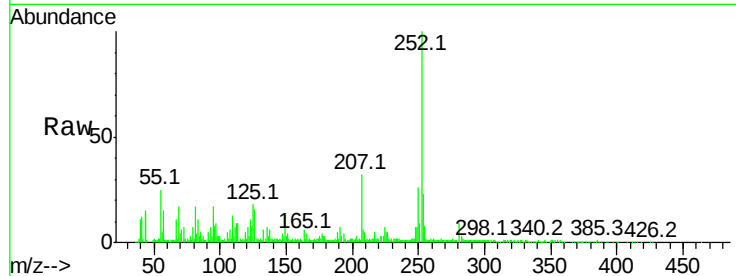
Acq: 16 Mar 2017 7:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	185782
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	18.1	8.0	12.0#



#26

Benzo(a)pyrene

Concen: 3.91 ng/ul

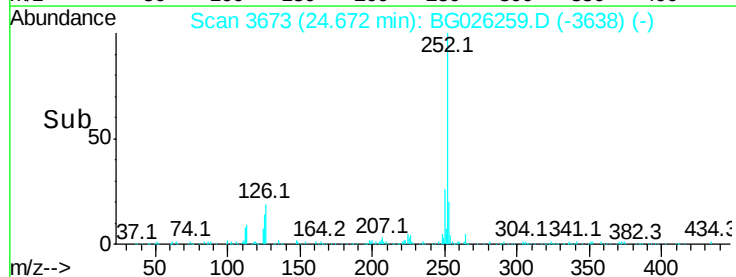
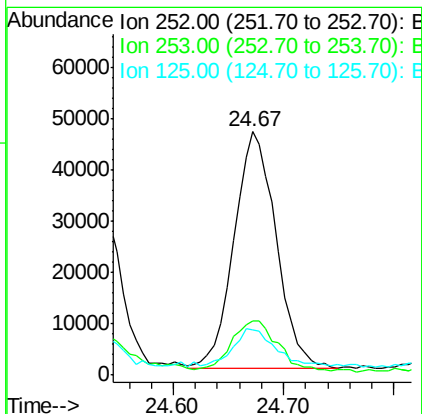
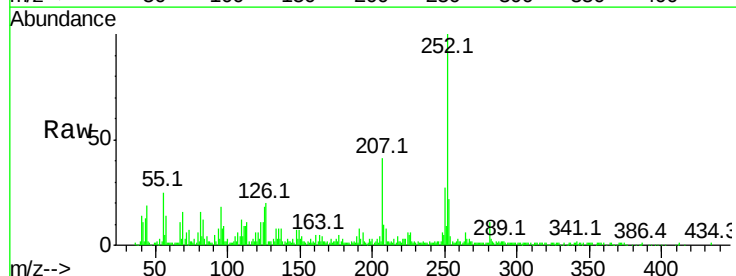
RT: 24.67 min Scan# 3673

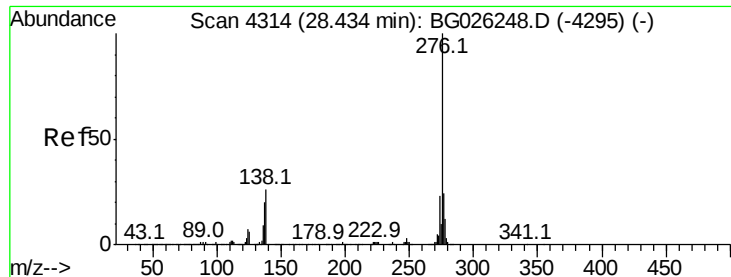
Delta R.T. 0.00 min

Lab File: BG026259.D

Acq: 16 Mar 2017 7:28

Tgt Ion:	252	Resp:	122894
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	18.4	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.46 ng/ul

RT: 28.45 min Scan# 4316

Delta R.T. 0.02 min

Lab File: BG026259.D

Acq: 16 Mar 2017 7:28

Instrument :

BNA_G

ClientSampleId :

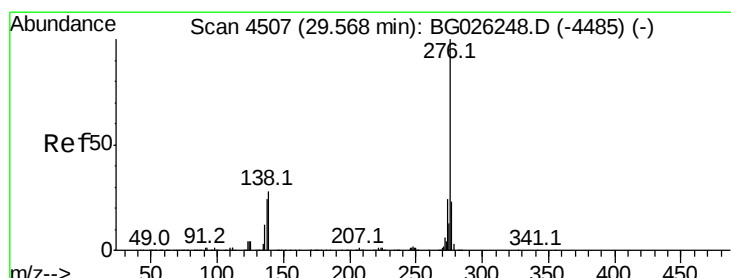
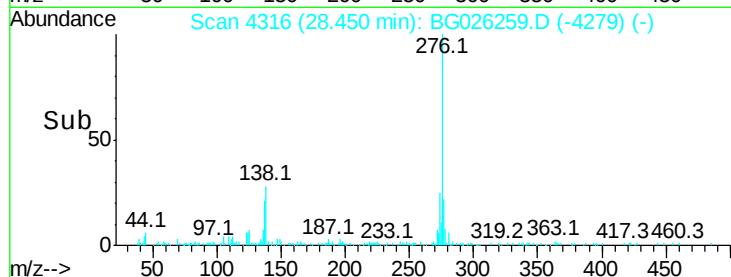
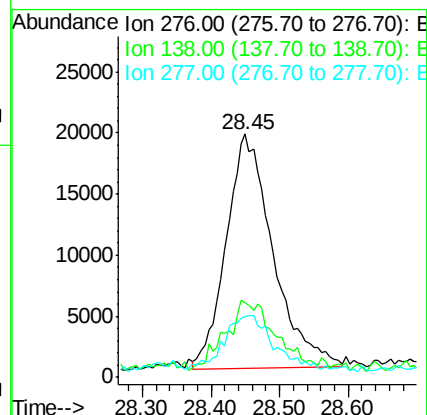
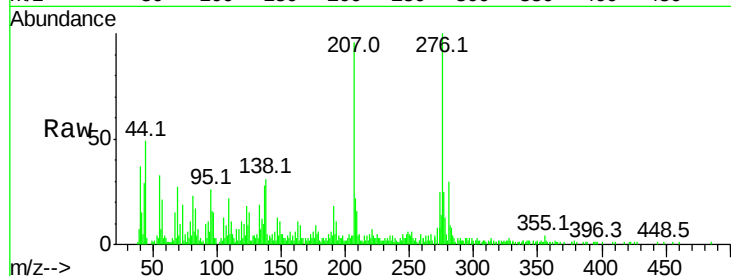
Tot Ion:276 Resp: 90774

Ion Ratio Lower Upper

276 100

138 30.7 14.4 21.6#

277 24.8 18.0 27.0



#29

Benzo(g,h,i)perylene

Concen: 2.68 ng/ul

RT: 29.58 min Scan# 4509

Delta R.T. 0.02 min

Lab File: BG026259.D

Acq: 16 Mar 2017 7:28

Tgt Ion:276 Resp: 81586

Ion Ratio Lower Upper

276 100

138 27.2 15.3 22.9#

277 24.3 19.0 28.4

