

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031317\
 Data File : BG026214.D
 Acq On : 13 Mar 2017 15:53
 Operator : SJ/MA
 Sample : I2217-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 15 05:54:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 05:51:09 2017
 Response via : Initial Calibration

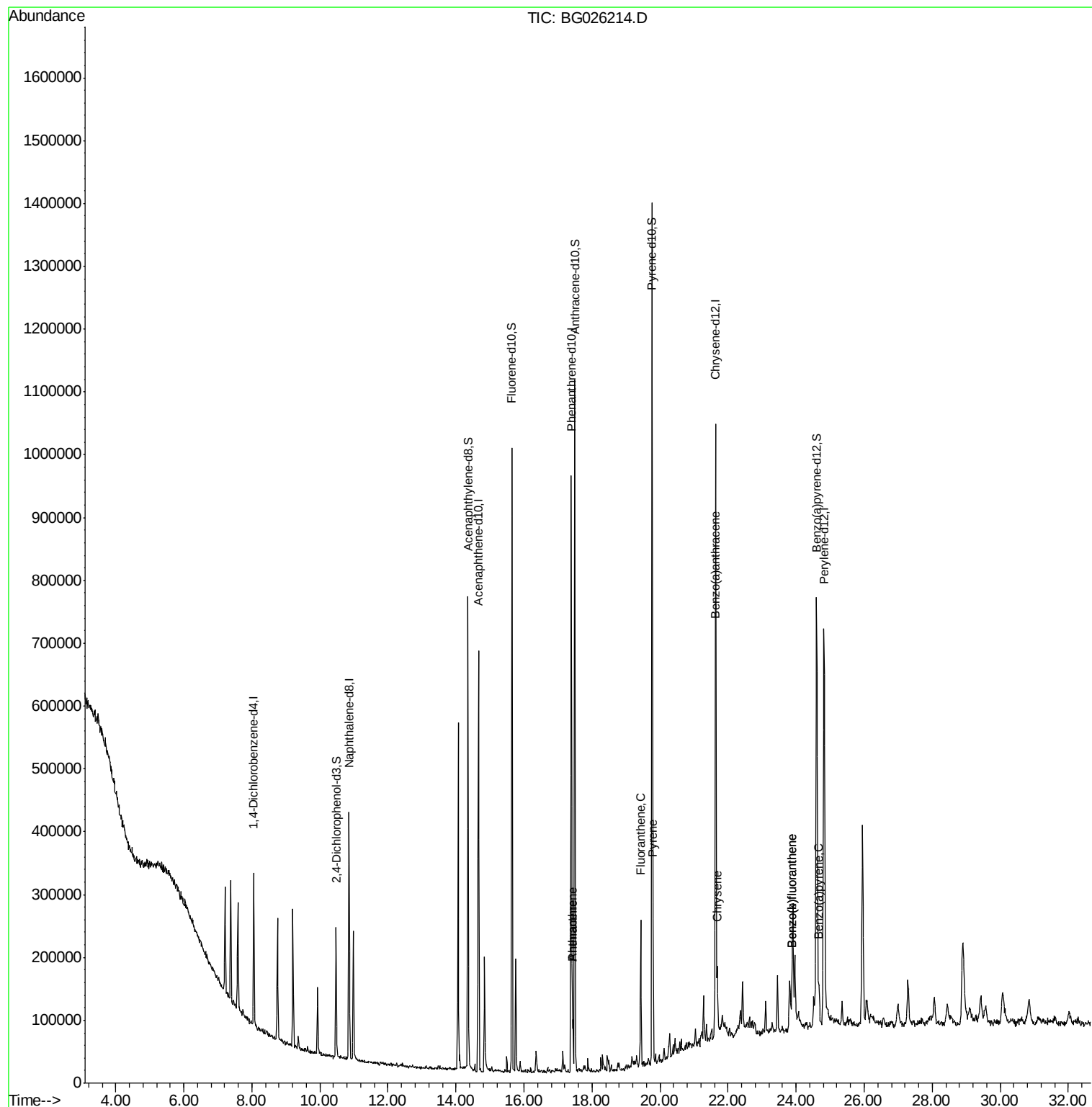
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	67709	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	341474	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	220268	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	570734	20.00	ng/ul	0.00
18) Chrysene-d12	21.63	240	587333	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	557931	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	84218	16.65	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	539656	28.73	ng/ul	0.00
10) Fluorene-d10	15.65	176	407809	29.77	ng/ul	0.00
15) Anthracene-d10	17.49	188	640244	25.24	ng/ul	0.00
19) Pyrene-d10	19.77	212	707868	23.62	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	652939	27.14	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.43	178	62840	2.08	ng/ul	98
16) Anthracene	17.43	178	62840	2.06	ng/ul	98
17) Fluoranthene	19.43	202	135846	4.33	ng/ul	99
20) Pyrene	19.80	202	129255	3.46	ng/ul	99
21) Benzo(a)anthracene	21.62	228	71322	2.18	ng/ul	97
22) Chrysene	21.68	228	70677	2.32	ng/ul	97
24) Benzo(b)fluoranthene	23.87	252	34050	1.07	ng/ul	98
25) Benzo(k)fluoranthene	23.87	252	33616	1.11	ng/ul#	98
27) Benzo(a)pyrene	24.67	252	59040	2.01	ng/ul	96

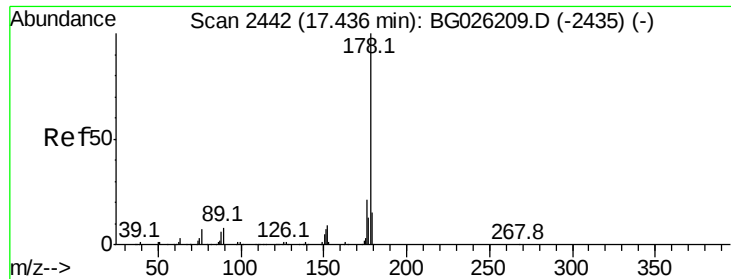
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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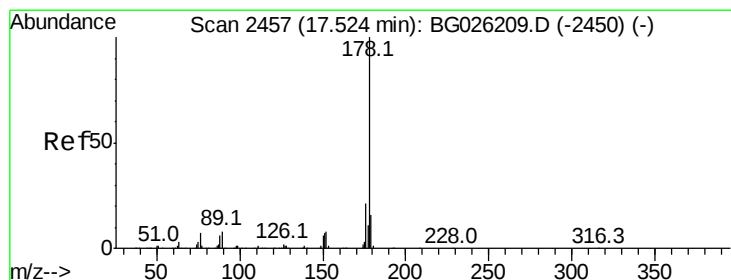
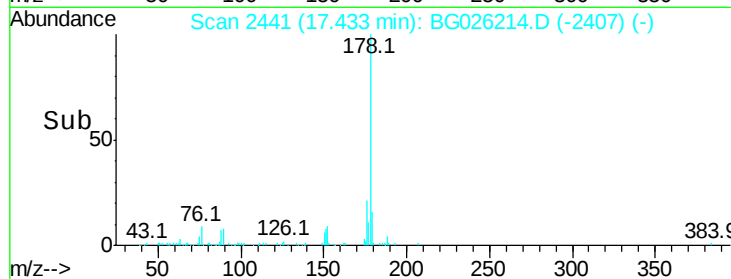
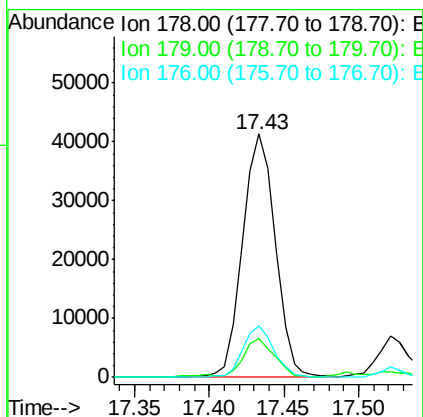
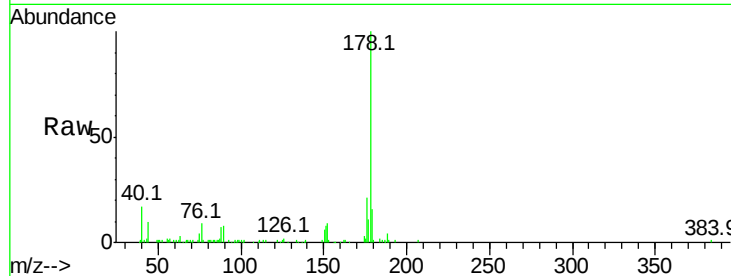




#14
Phenanthrene
Concen: 2.08 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026214.D
Acq: 13 Mar 2017 15:53

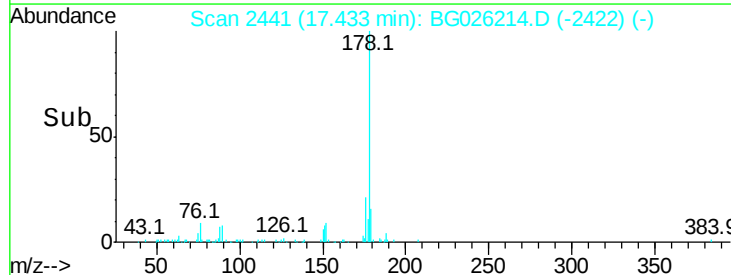
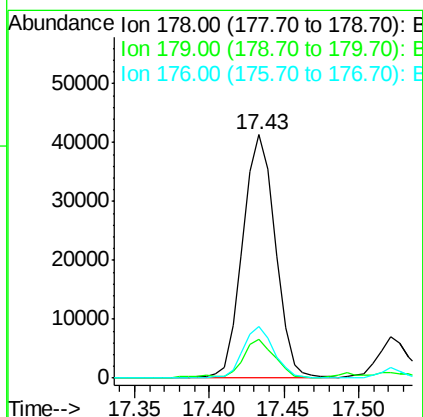
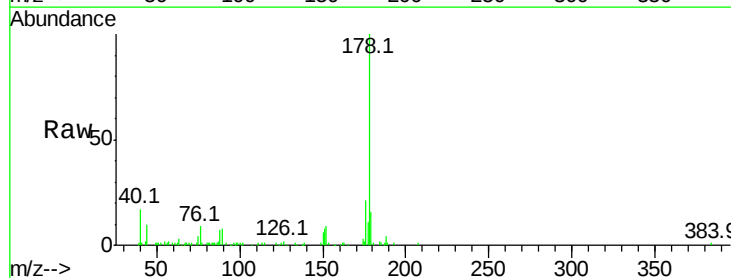
Instrument :
BNA_G
ClientSampleId :

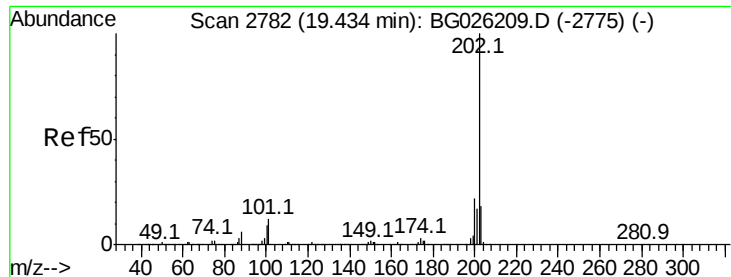
Tot Ion:178 Resp: 62840
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 21.4 16.4 24.6



#16
Anthracene
Concen: 2.06 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.09 min
Lab File: BG026214.D
Acq: 13 Mar 2017 15:53

Tgt Ion:178 Resp: 62840
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 21.4 15.8 23.8





#17

Fluoranthene

Concen: 4.33 ng/ul

RT: 19.43 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG026214.D

Acq: 13 Mar 2017 15:53

Instrument :

BNA_G

ClientSampled :

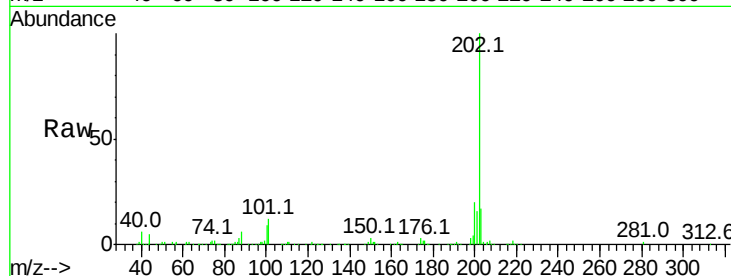
Tot Ion:202 Resp: 135846

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.8

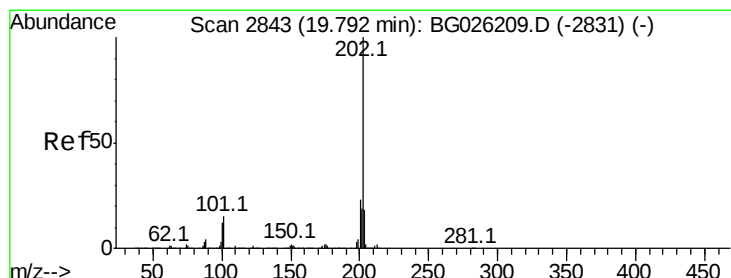
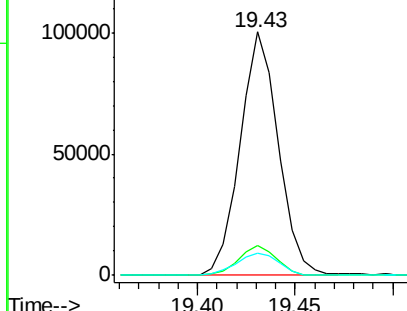
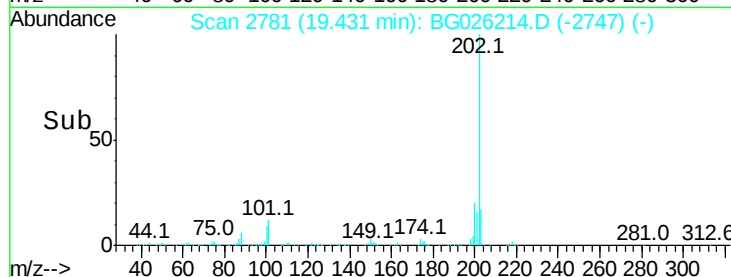
100 9.2 7.5 11.3



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

Pyrene

Concen: 3.46 ng/ul

RT: 19.80 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BG026214.D

Acq: 13 Mar 2017 15:53

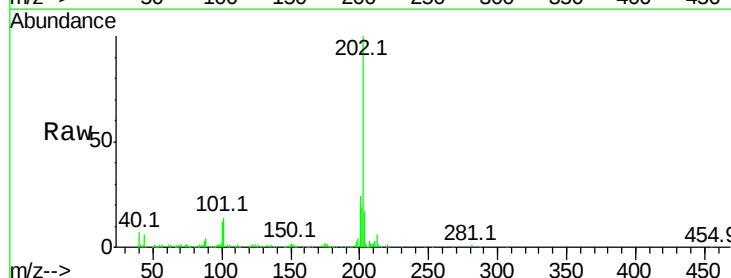
Tgt Ion:202 Resp: 129255

Ion Ratio Lower Upper

202 100

101 13.7 11.2 16.8

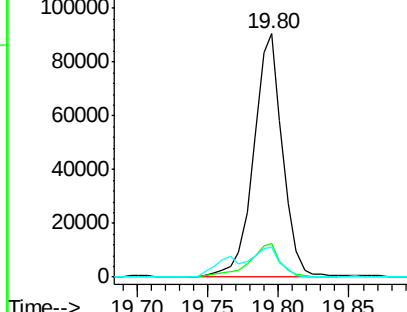
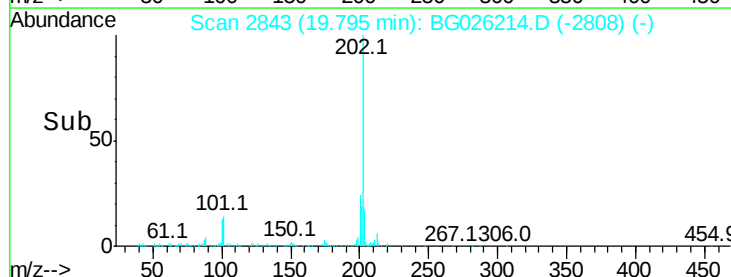
100 12.4 9.8 14.6

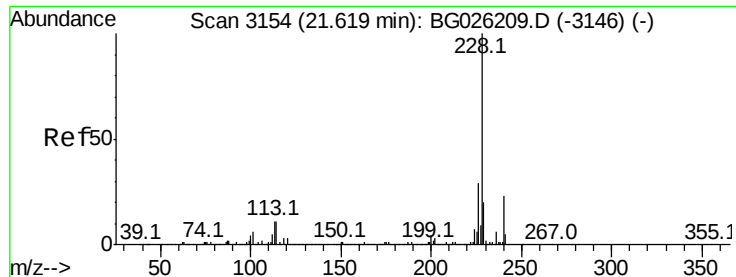


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 2.18 ng/ul

RT: 21.62 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG026214.D

Acq: 13 Mar 2017 15:53

Instrument :

BNA_G

ClientSampleId :

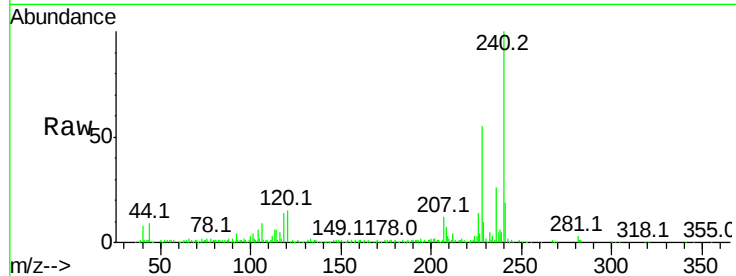
Tot Ion:228 Resp: 71322

Ion Ratio Lower Upper

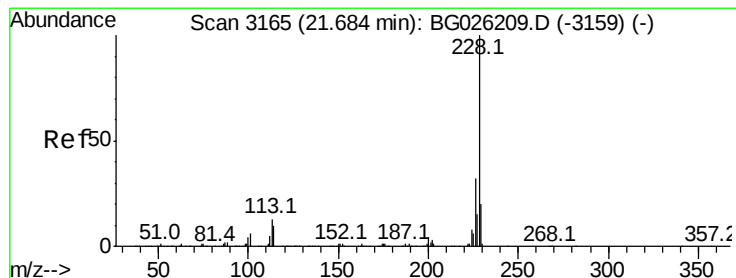
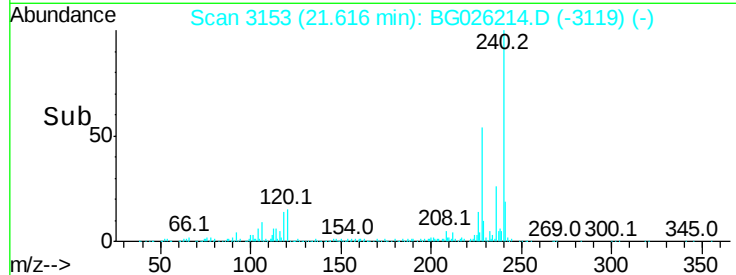
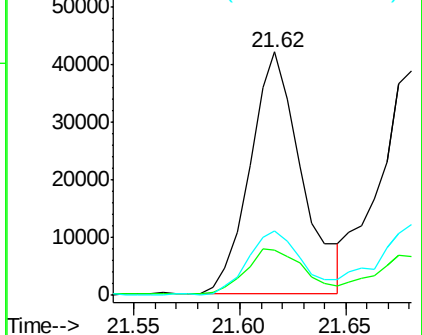
228 100

229 18.5 15.9 23.9

226 26.4 22.1 33.1



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: 2.32 ng/ul

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG026214.D

Acq: 13 Mar 2017 15:53

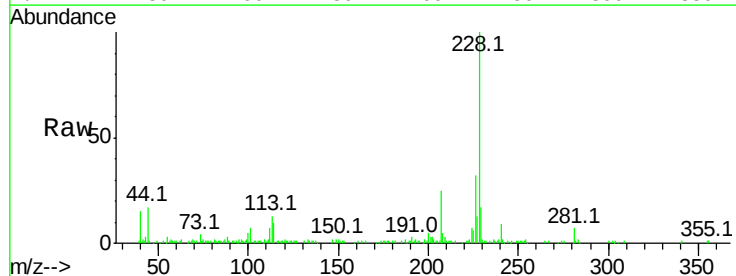
Tgt Ion:228 Resp: 70677

Ion Ratio Lower Upper

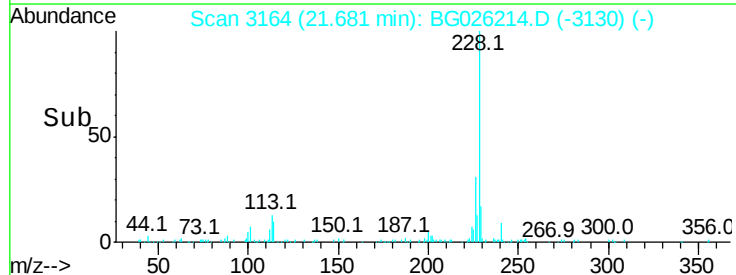
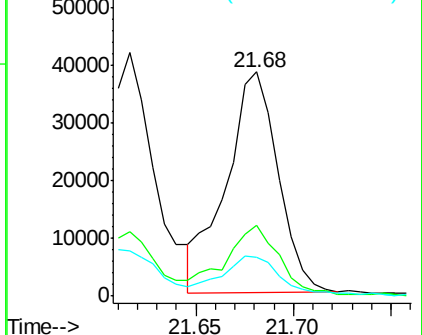
228 100

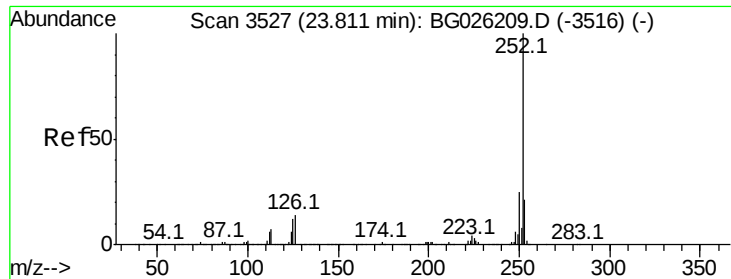
226 31.6 25.0 37.6

229 17.1 16.6 25.0



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: 1.07 ng/ul

RT: 23.87 min Scan# 3536

Delta R.T. 0.06 min

Lab File: BG026214.D

Acq: 13 Mar 2017 15:53

Instrument :

BNA_G

ClientSampleId :

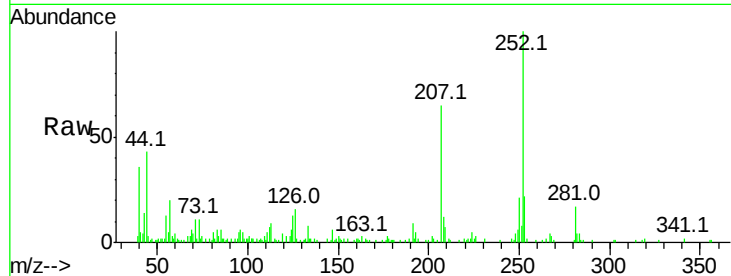
Tot Ion:252 Resp: 34050

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

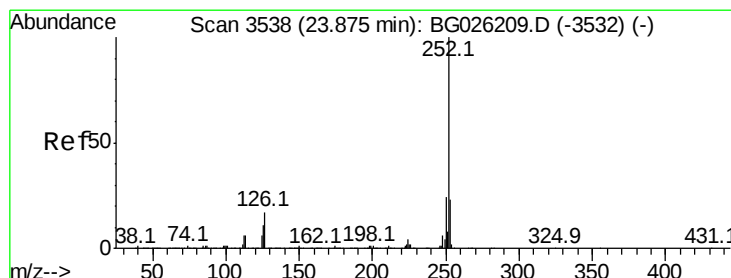
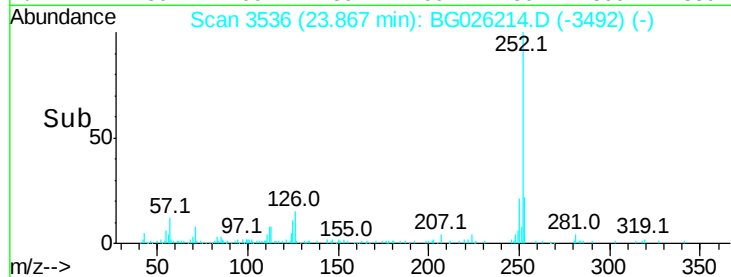
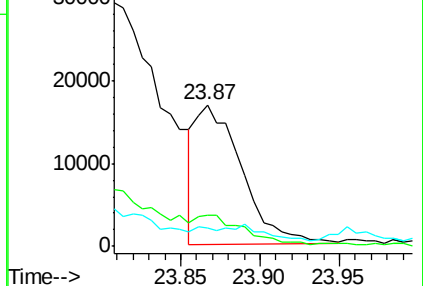
125 13.3 9.4 14.0



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



#25

Benzo(k)fluoranthene

Concen: 1.11 ng/ul

RT: 23.87 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026214.D

Acq: 13 Mar 2017 15:53

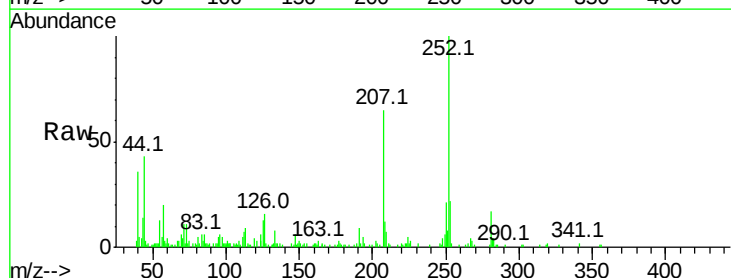
Tgt Ion:252 Resp: 33616

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

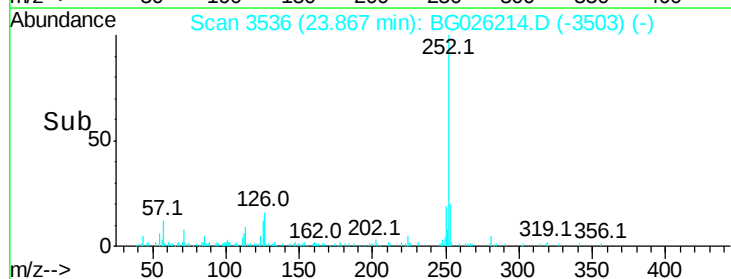
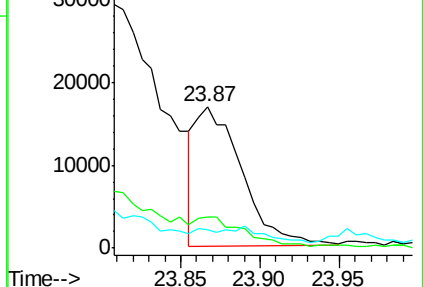
125 13.3 8.8 13.2#

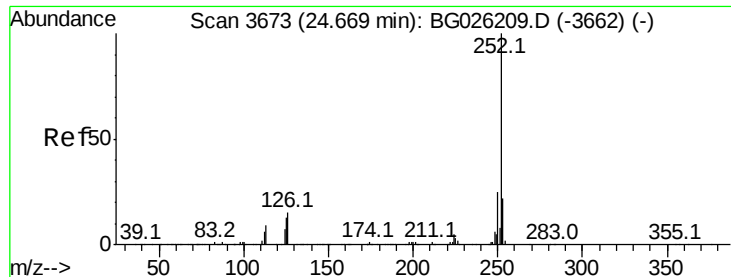


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 2.01 ng/ul

RT: 24.67 min Scan# 3673

Delta R.T. 0.00 min

Lab File: BG026214.D

Acq: 13 Mar 2017 15:53

Instrument :

BNA_G

ClientSampleId :

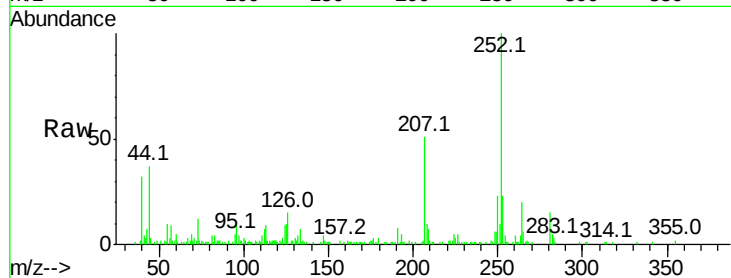
Tot Ion: 252 Resp: 59040

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

125 10.2 9.4 14.2



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

