

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026256.D
 Acq On : 16 Mar 2017 5:30
 Operator : SJ/MA
 Sample : I2236-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABJ1

Quant Time: Mar 16 06:49:16 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

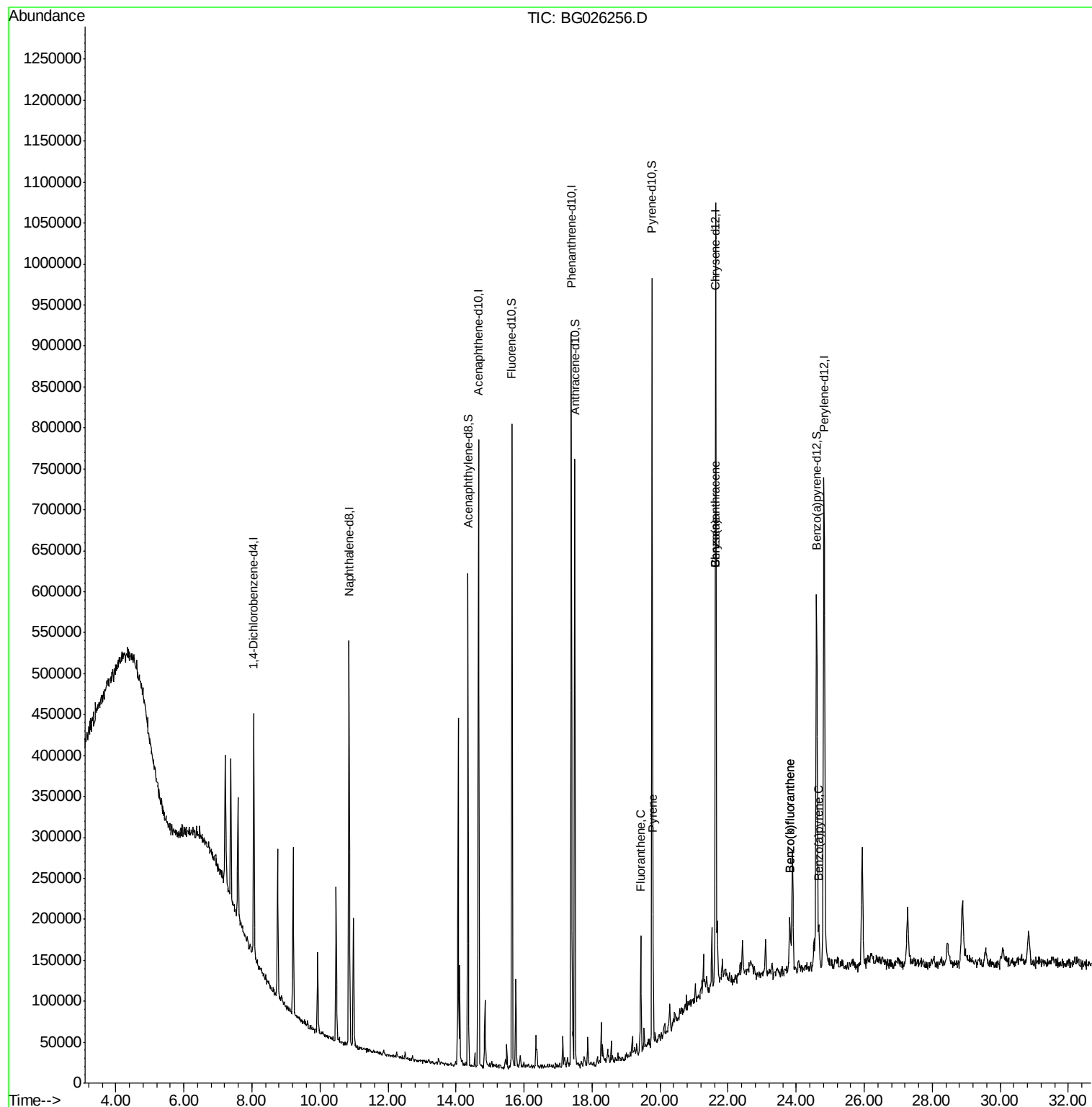
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	80575	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	431265	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	239720	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	513599	20.00	ng/ul	0.00
17) Chrysene-d12	21.63	240	520187	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	500307	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	423950	21.36	ng/ul	0.00
10) Fluorene-d10	15.64	176	299076	19.62	ng/ul	0.00
14) Anthracene-d10	17.49	188	416257	17.93	ng/ul	0.00
18) Pyrene-d10	19.76	212	454409	18.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	426306	19.25	ng/ul	0.00
Target Compounds						
16) Fluoranthene	19.43	202	75762	2.52	ng/ul	Ovalue 96
19) Pyrene	19.79	202	71353	2.27	ng/ul#	93
20) Benzo(a)anthracene	21.61	228	45690	1.56	ng/ul	97
21) Chrysene	21.61	228	45675	1.63	ng/ul	98
23) Benzo(b)fluoranthene	23.81	252	71685	2.48	ng/ul#	94
24) Benzo(k)fluoranthene	23.81	252	71685	2.57	ng/ul#	95
26) Benzo(a)pyrene	24.67	252	43946	1.57	ng/ul#	88

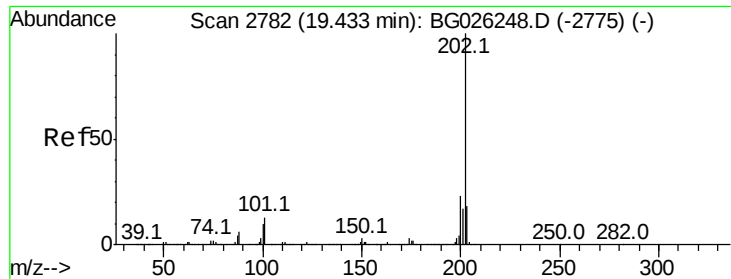
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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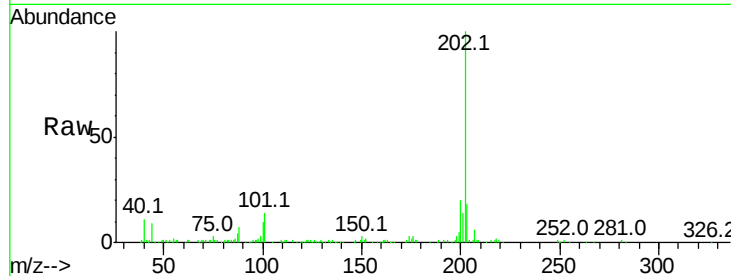




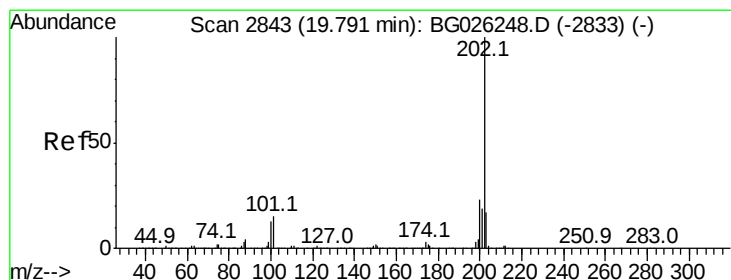
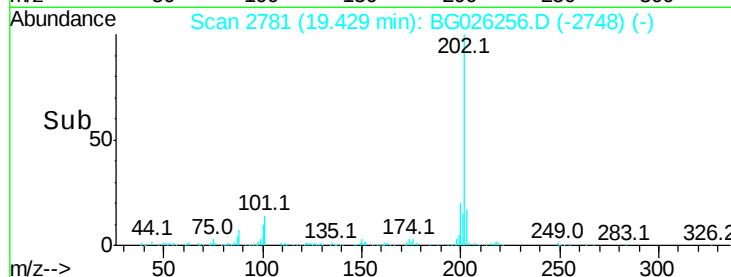
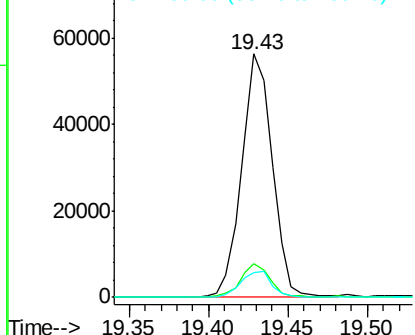
#16
 Fluoranthene
 Concen: 2.52 ng/ul
 RT: 19.43 min Scan# 2781
 Delta R.T. -0.00 min
 Lab File: BG026256.D
 Acq: 16 Mar 2017 5:30

Instrument :
 BNA_G
 ClientSampleId :
 DABJ1

Tot Ion:202	Resp:	75762
Ion Ratio	Lower	Upper
202	100	
101	14.0	9.9 14.9
100	10.4	7.4 11.0

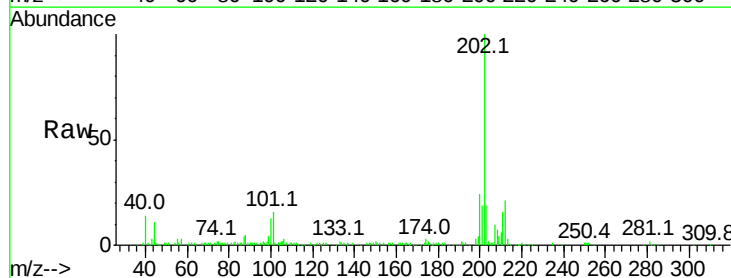


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

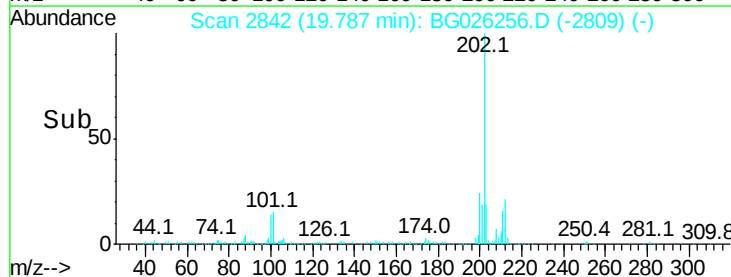
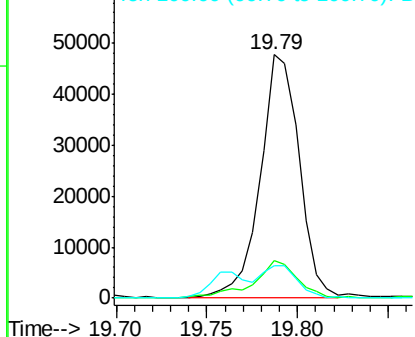


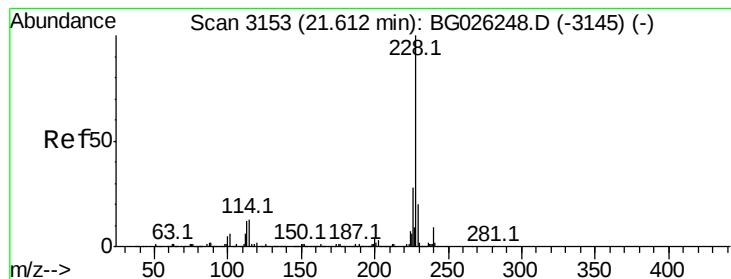
#19
 Pyrene
 Concen: 2.27 ng/ul
 RT: 19.79 min Scan# 2842
 Delta R.T. -0.00 min
 Lab File: BG026256.D
 Acq: 16 Mar 2017 5:30

Tgt Ion:202	Resp:	71353
Ion Ratio	Lower	Upper
202	100	
101	15.6	11.0 16.4
100	13.5	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): B





#20

Benzo(a)anthracene

Concen: 1.56 ng/ul

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG026256.D

Acq: 16 Mar 2017 5:30

Instrument :

BNA_G

ClientSampleId :

DABJ1

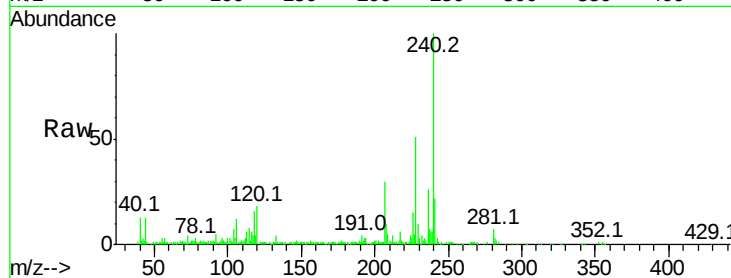
Tot Ion:228 Resp: 45690

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

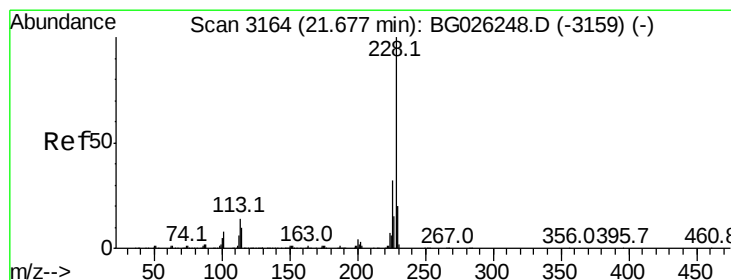
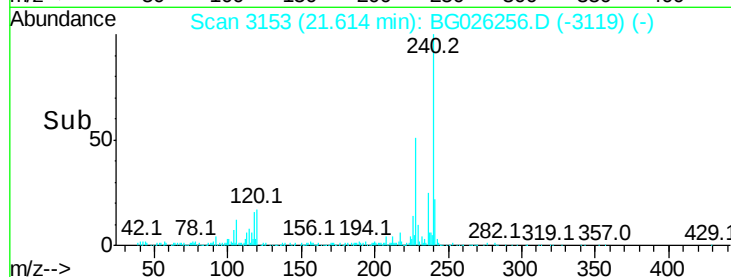
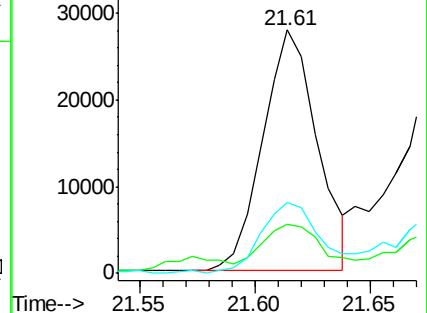
226 28.9 21.1 31.7



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: 1.63 ng/ul

RT: 21.61 min Scan# 3153

Delta R.T. -0.06 min

Lab File: BG026256.D

Acq: 16 Mar 2017 5:30

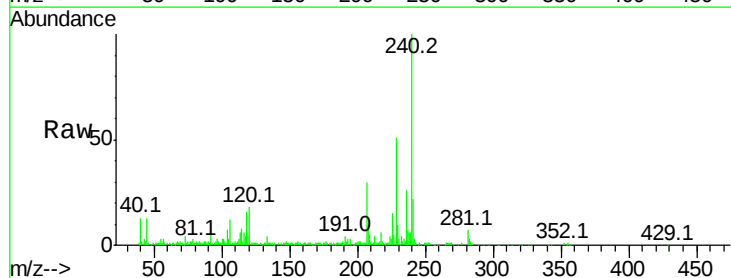
Tgt Ion:228 Resp: 45675

Ion Ratio Lower Upper

228 100

226 28.9 24.5 36.7

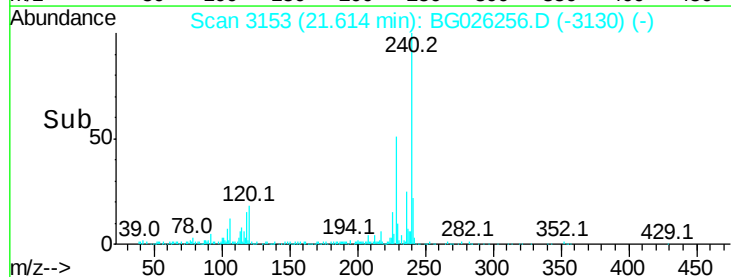
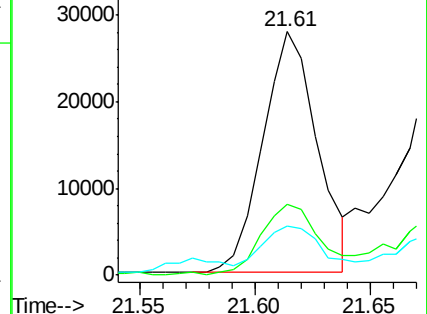
229 20.1 15.8 23.8

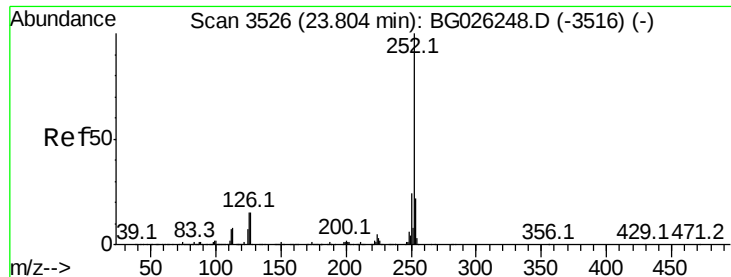


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 2.48 ng/ul

RT: 23.81 min Scan# 3527

Delta R.T. 0.01 min

Lab File: BG026256.D

Acq: 16 Mar 2017 5:30

Instrument :

BNA_G

ClientSampleId :

DABJ1

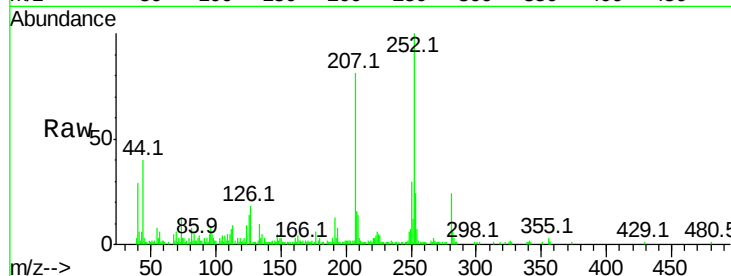
Tot Ion:252 Resp: 71685

Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

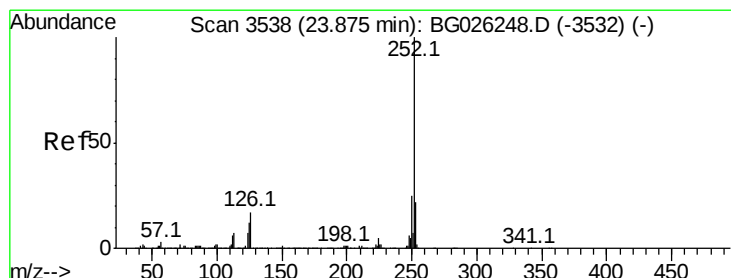
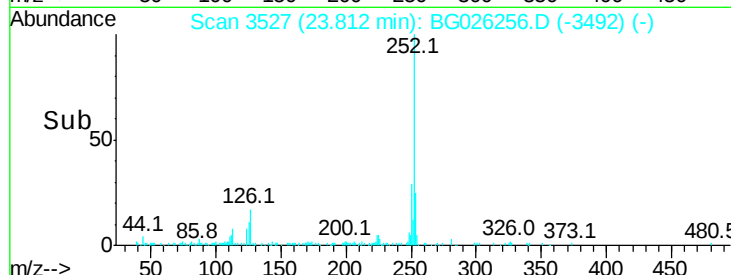
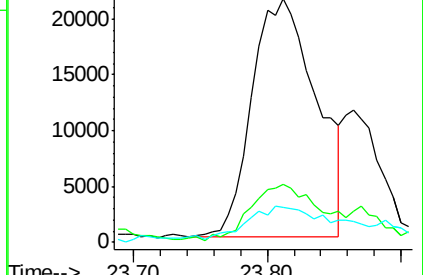
125 14.2 8.0 12.0#



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: 2.57 ng/ul

RT: 23.81 min Scan# 3527

Delta R.T. -0.06 min

Lab File: BG026256.D

Acq: 16 Mar 2017 5:30

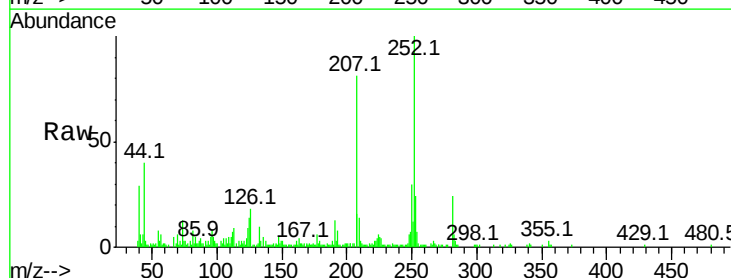
Tgt Ion:252 Resp: 71685

Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

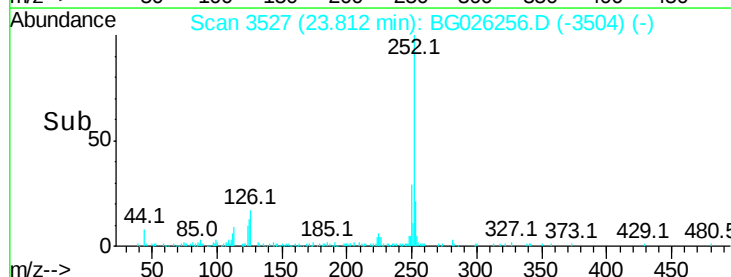
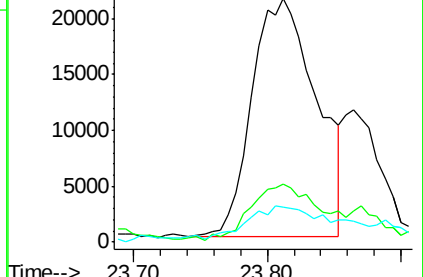
125 14.2 8.1 12.1#

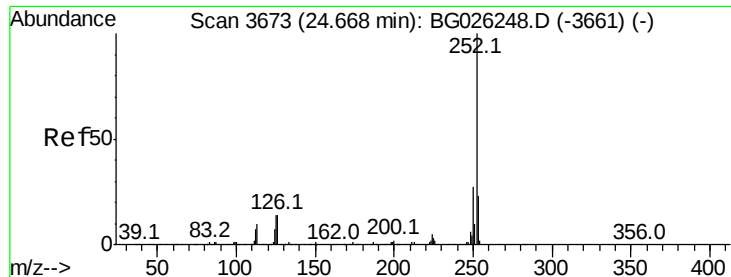


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.57 ng/ul

RT: 24.67 min Scan# 3673

Delta R.T. 0.00 min

Lab File: BG026256.D

Acq: 16 Mar 2017 5:30

Instrument :

BNA_G

ClientSampleId :

DABJ1

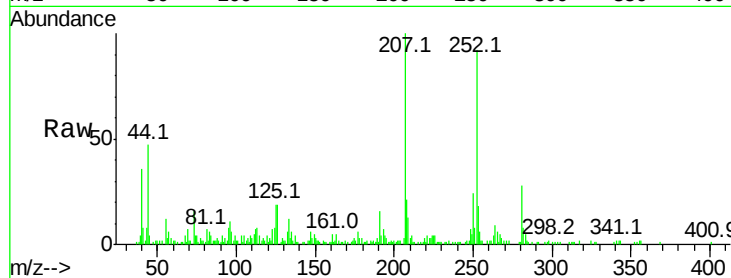
Tot Ion: 252 Resp: 43946

Ion Ratio Lower Upper

252 100

253 19.1 17.2 25.8

125 20.7 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

