

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031317\
 Data File : BG026212.D
 Acq On : 13 Mar 2017 13:56
 Operator : SJ/MA
 Sample : I2217-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 15 05:54:07 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

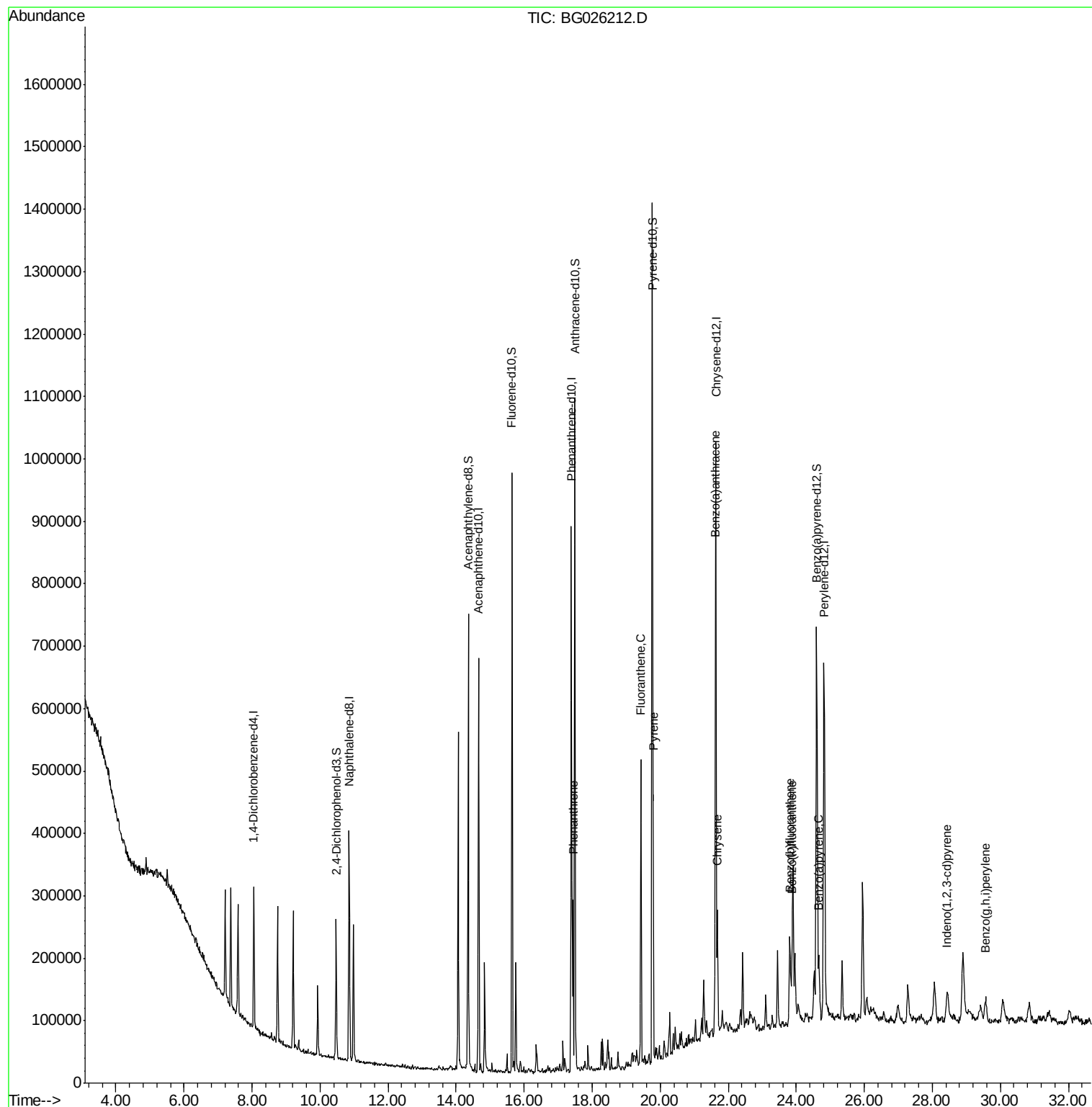
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	66258	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	326939	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	213148	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	538569	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	559350	20.00	ng/ul	0.00
23) Perylene-d12	24.81	264	543479	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	91121	18.82	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	539909	29.71	ng/ul	0.00
10) Fluorene-d10	15.64	176	405669	30.60	ng/ul	0.00
15) Anthracene-d10	17.49	188	628095	26.24	ng/ul	0.00
19) Pyrene-d10	19.77	212	677897	23.75	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	605664	25.84	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	174642	6.12	ng/ul	97
17) Fluoranthene	19.43	202	297442	10.04	ng/ul	98
20) Pyrene	19.79	202	249197	7.00	ng/ul	99
21) Benzo(a)anthracene	21.62	228	127331	4.09	ng/ul	98
22) Chrysene	21.68	228	123312	4.25	ng/ul	97
24) Benzo(b)fluoranthene	23.80	252	159925	5.18	ng/ul	99
25) Benzo(k)fluoranthene	23.87	252	60051	2.04	ng/ul	95
27) Benzo(a)pyrene	24.67	252	84392	2.94	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	28.43	276	72376	2.27	ng/ul#	92
30) Benzo(g,h,i)perylene	29.56	276	64062	2.35	ng/ul#	93

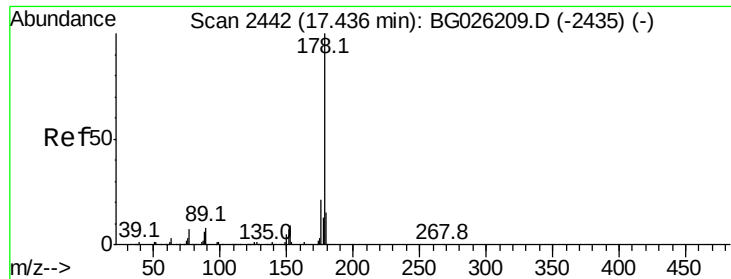
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 6.12 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG026212.D

Acq: 13 Mar 2017 13:56

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BNA_G

ClientSampleId :

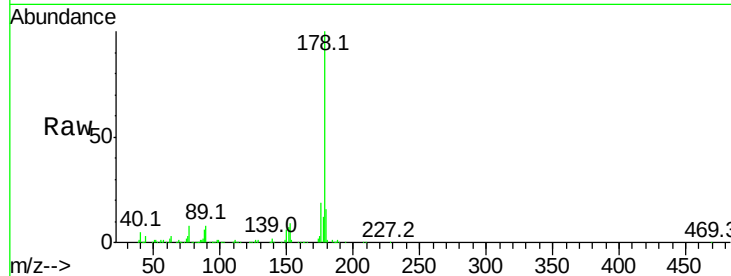
Tot Ion:178 Resp: 174642

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

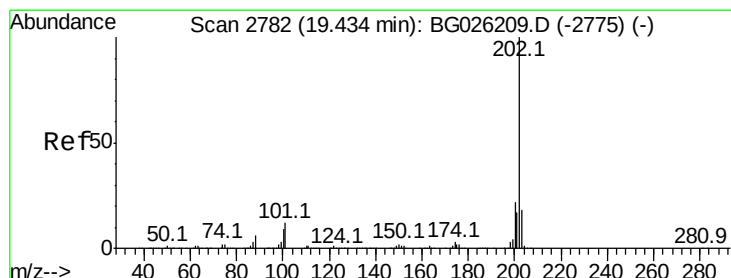
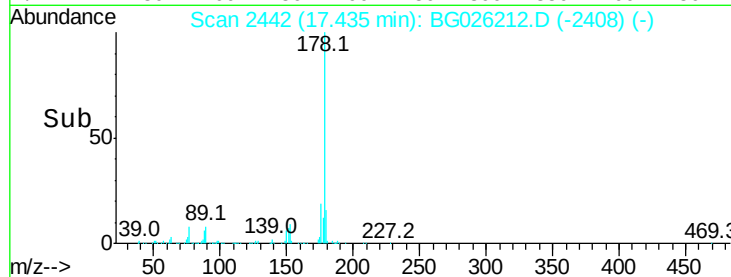
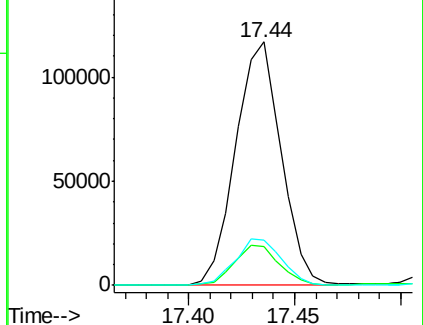
176 18.8 16.4 24.6



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



#17

Fluoranthene

Concen: 10.04 ng/ul

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG026212.D

Acq: 13 Mar 2017 13:56

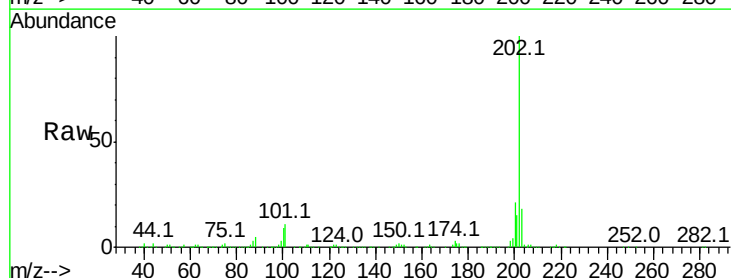
Tgt Ion:202 Resp: 297442

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

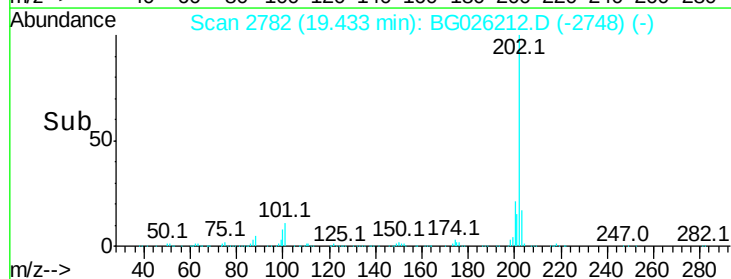
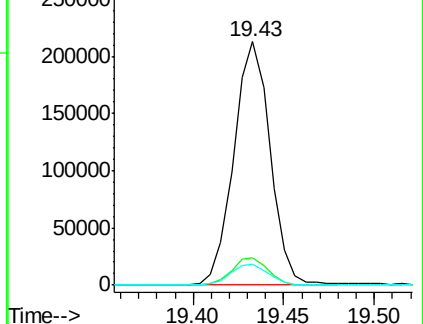
100 8.5 7.5 11.3

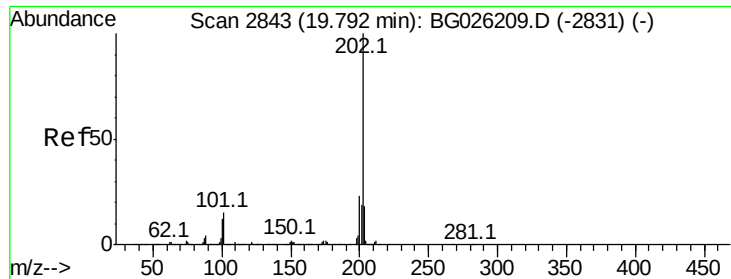


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

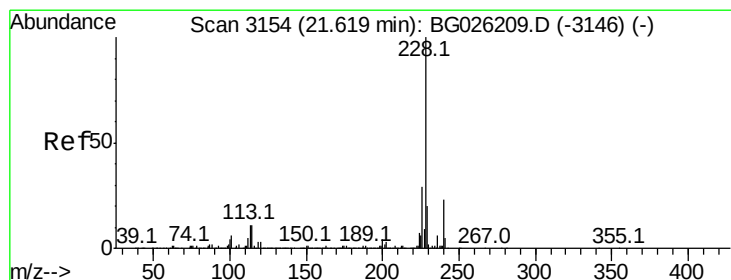
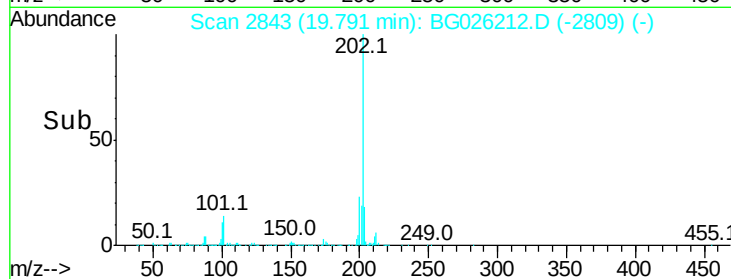
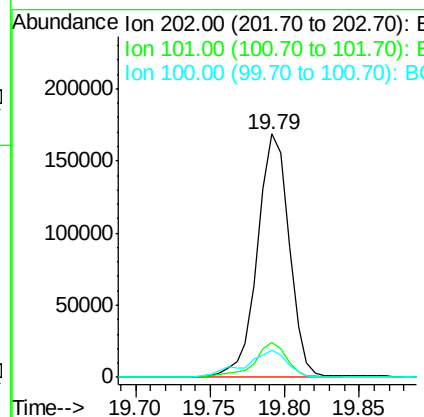
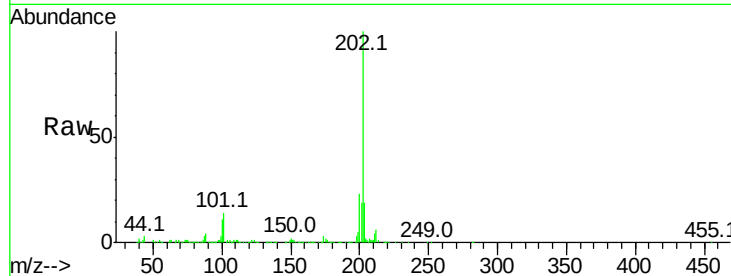




#20
Pvrene
Concen: 7.00 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026212.D
Acq: 13 Mar 2017 13:56

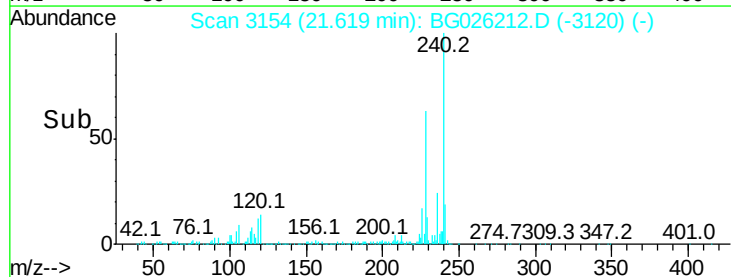
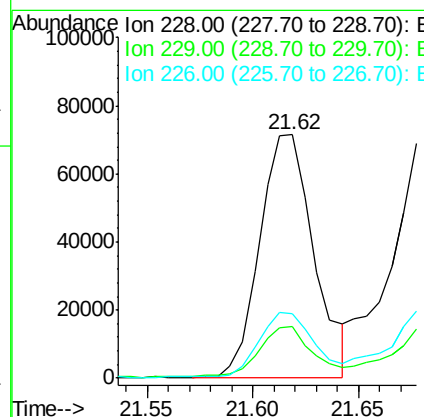
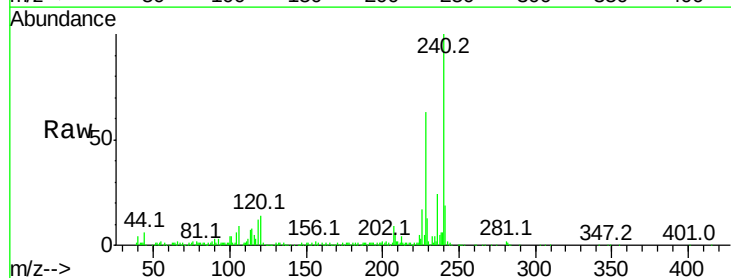
Instrument :
BNA_G
ClientSampleId :

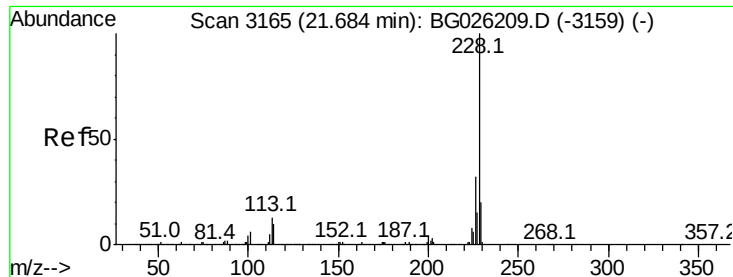
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.2	16.8
100	11.3	9.8	14.6



#21
Benzo(a)anthracene
Concen: 4.09 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG026212.D
Acq: 13 Mar 2017 13:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	26.6	22.1	33.1





#22

Chrysene

Concen: 4.25 ng/ul

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG026212.D

Acq: 13 Mar 2017 13:56

Instrument :

BNA_G

ClientSampleId :

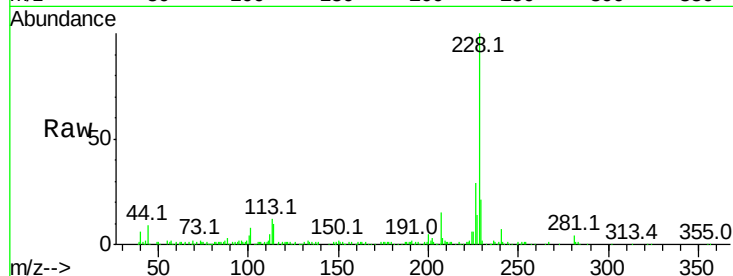
Tot Ion:228 Resp: 123312

Ion Ratio Lower Upper

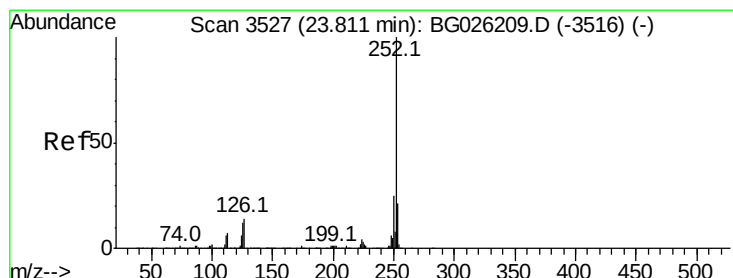
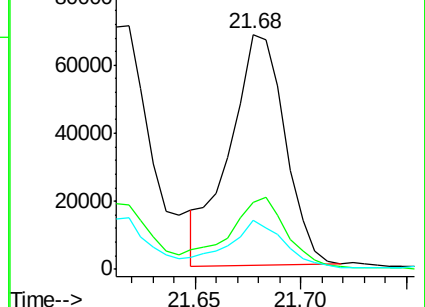
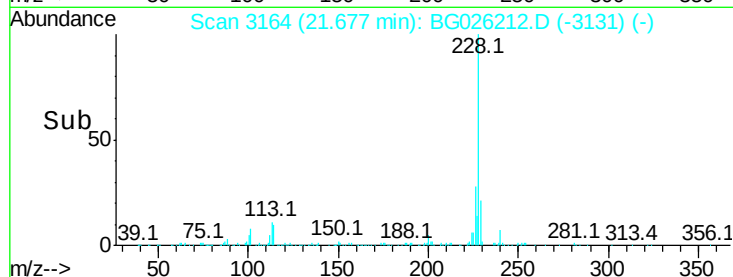
228 100

226 28.6 25.0 37.6

229 20.8 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: 5.18 ng/ul

RT: 23.80 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG026212.D

Acq: 13 Mar 2017 13:56

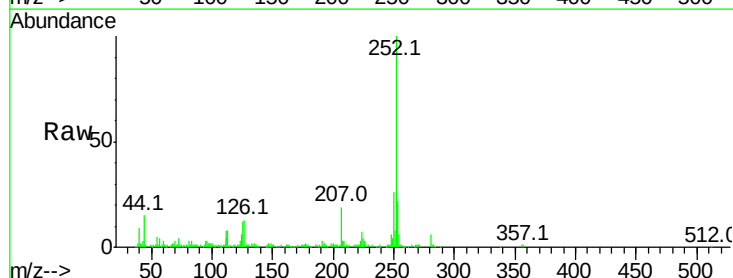
Tgt Ion:252 Resp: 159925

Ion Ratio Lower Upper

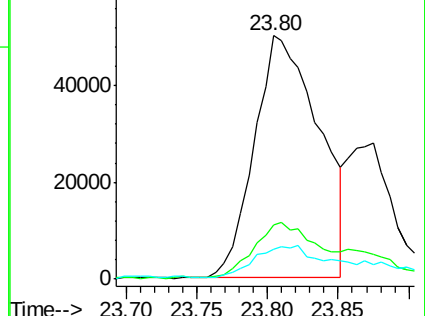
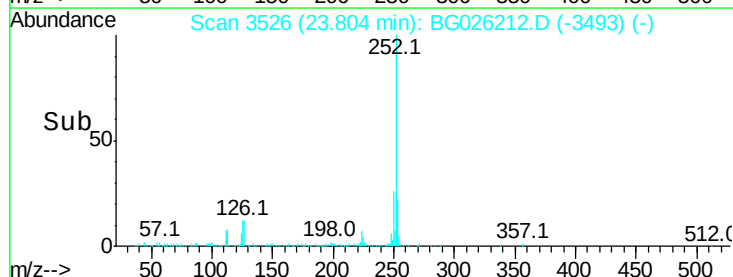
252 100

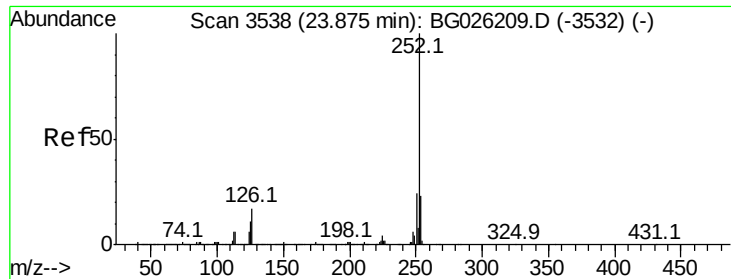
253 22.2 17.8 26.6

125 12.4 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

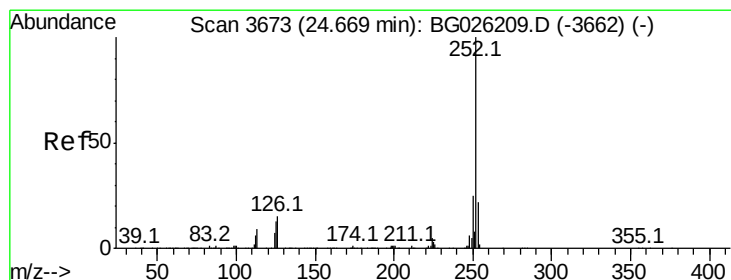
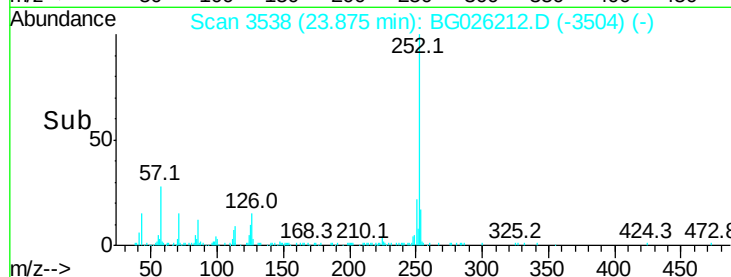
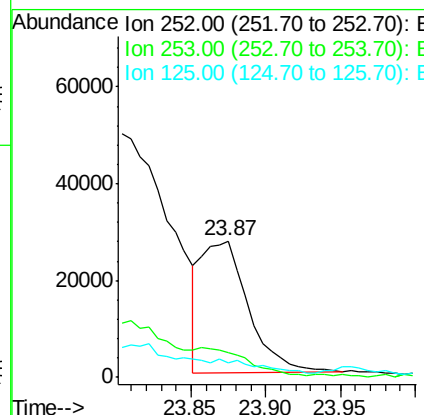
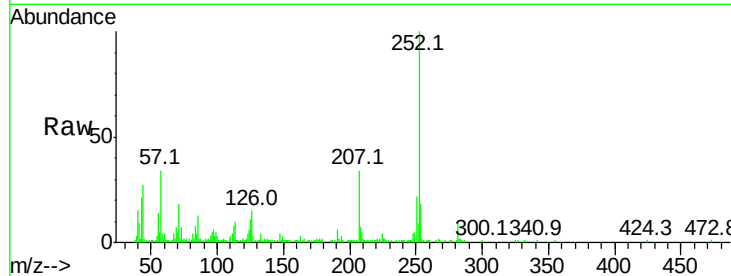




#25
Benzo(k)fluoranthene
Concen: 2.04 ng/ul
RT: 23.87 min Scan# 3538
Delta R.T. -0.00 min
Lab File: BG026212.D
Acq: 13 Mar 2017 13:56

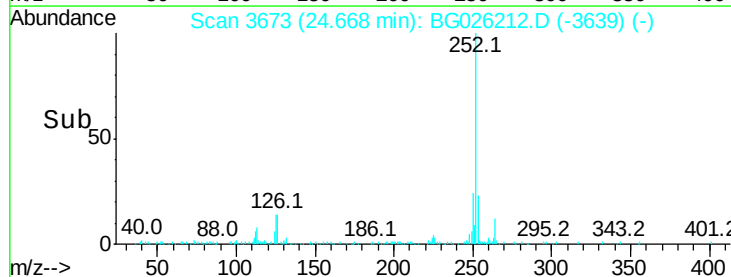
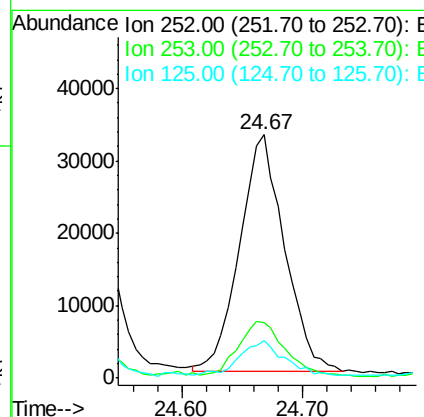
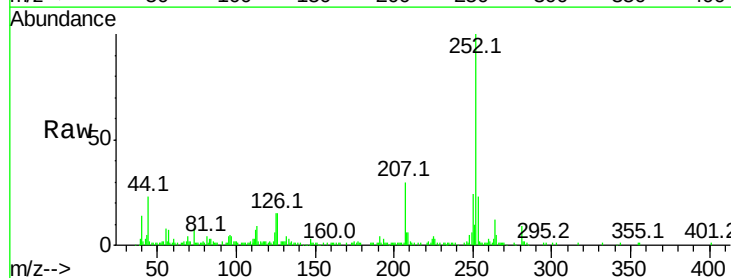
Instrument :
BNA_G
ClientSampleId :

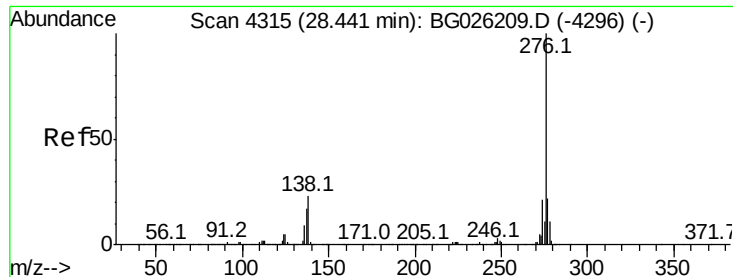
Tot Ion:252 Resp: 60051
Ion Ratio Lower Upper
252 100
253 18.0 17.4 26.2
125 11.0 8.8 13.2



#27
Benzo(a)pyrene
Concen: 2.94 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BG026212.D
Acq: 13 Mar 2017 13:56

Tgt Ion:252 Resp: 84392
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 15.4 9.4 14.2#





#28

Indeno(1,2,3-cd)pyrene

Concen: 2.27 ng/ul

RT: 28.43 min Scan# 4314

Delta R.T. -0.01 min

Lab File: BG026212.D

Acq: 13 Mar 2017 13:56

Instrument :

BNA_G

ClientSampleId :

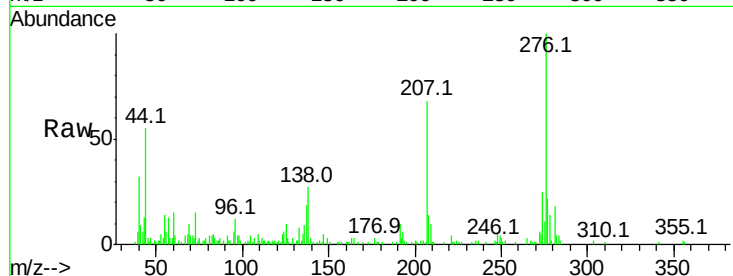
Tot Ion:276 Resp: 72376

Ion Ratio Lower Upper

276 100

138 27.4 17.8 26.6#

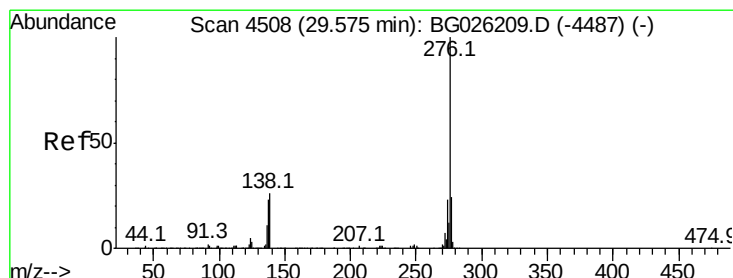
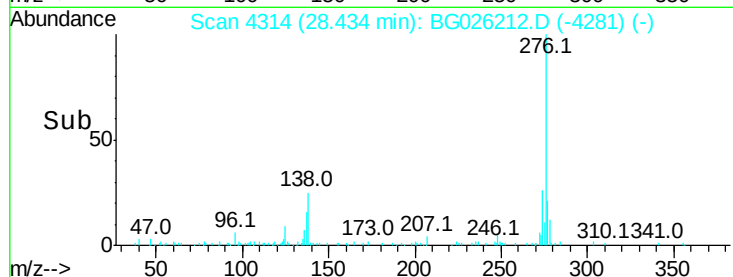
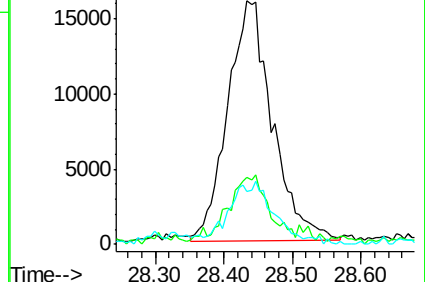
277 21.6 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#30

Benzo(g,h,i)perylene

Concen: 2.35 ng/ul

RT: 29.56 min Scan# 4506

Delta R.T. -0.01 min

Lab File: BG026212.D

Acq: 13 Mar 2017 13:56

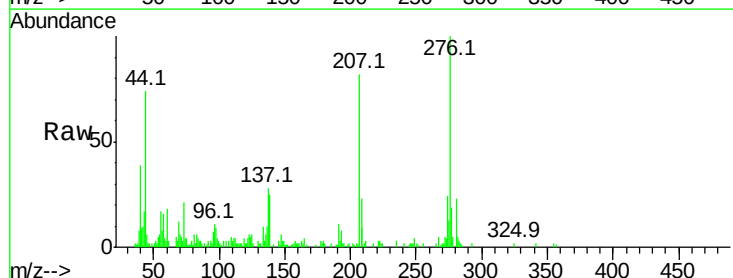
Tgt Ion:276 Resp: 64062

Ion Ratio Lower Upper

276 100

138 24.5 19.0 28.4

277 18.6 19.7 29.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

