

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030917\
 Data File : BG026162.D
 Acq On : 9 Mar 2017 23:13
 Operator : SJ/MA
 Sample : I2069-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ7

Quant Time: Mar 15 15:49:31 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 15:39:02 2017
 Response via : Initial Calibration

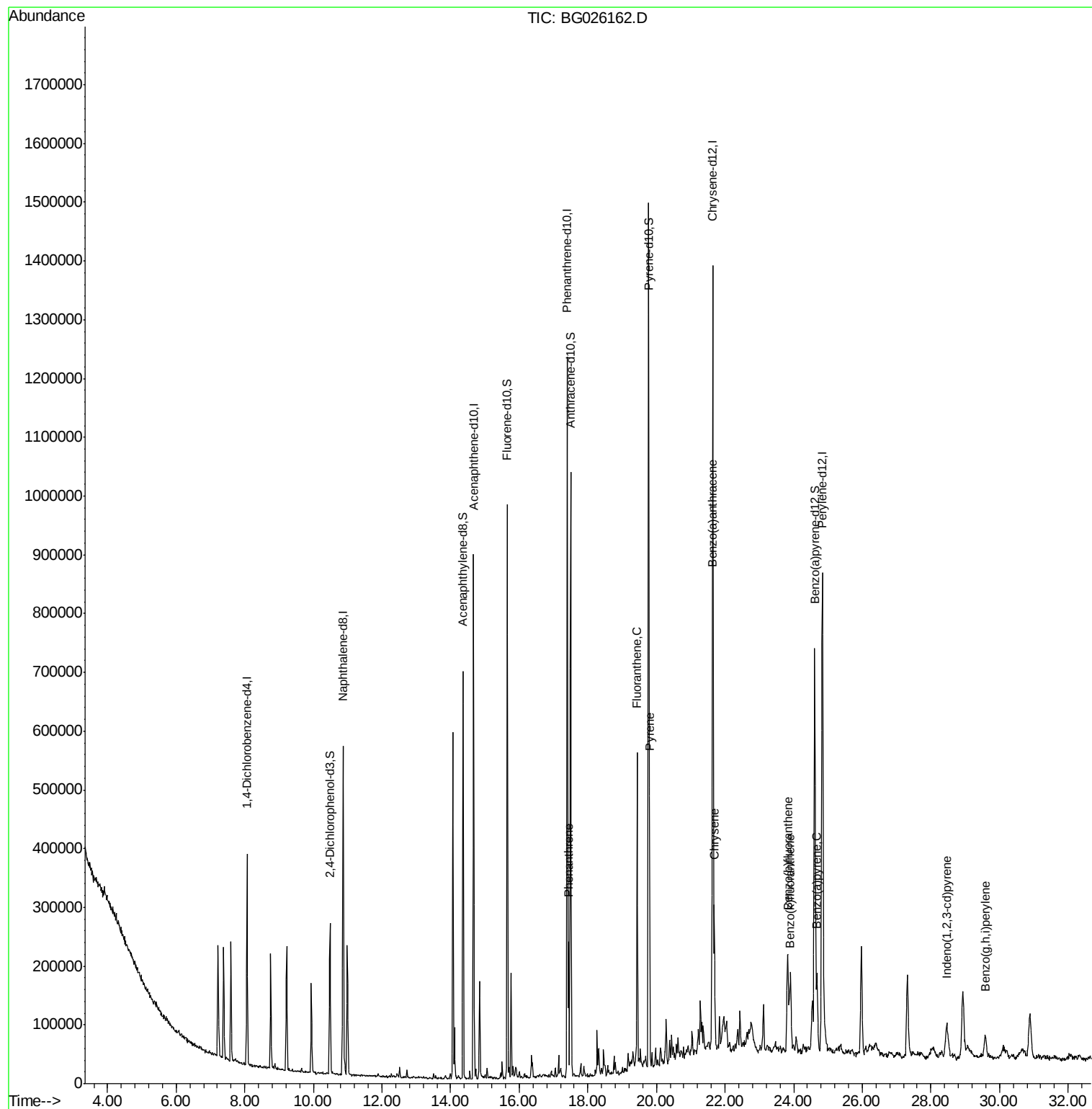
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	109318	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	504759	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	308363	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	767528	20.00	ng/ul	0.00
18) Chrysene-d12	21.65	240	794275	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	766478	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	115244	15.41	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	534945	20.35	ng/ul	0.00
10) Fluorene-d10	15.65	176	405237	21.13	ng/ul	0.00
15) Anthracene-d10	17.50	188	621495	18.22	ng/ul	0.00
19) Pyrene-d10	19.77	212	742191	18.31	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	672782	20.35	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	139617	3.43	ng/ul	100
17) Fluoranthene	19.44	202	316702	7.50	ng/ul	99
20) Pyrene	19.80	202	266712	5.27	ng/ul	98
21) Benzo(a)anthracene	21.62	228	168127	3.80	ng/ul	99
22) Chrysene	21.69	228	168202	4.08	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	214513	4.93	ng/ul	99
25) Benzo(k)fluoranthene	23.88	252	69787	1.68	ng/ul	98
27) Benzo(a)pyrene	24.68	252	133253	3.30	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.46	276	86305	1.93	ng/ul	96
30) Benzo(g,h,i)perylene	29.59	276	69506	1.82	ng/ul#	93

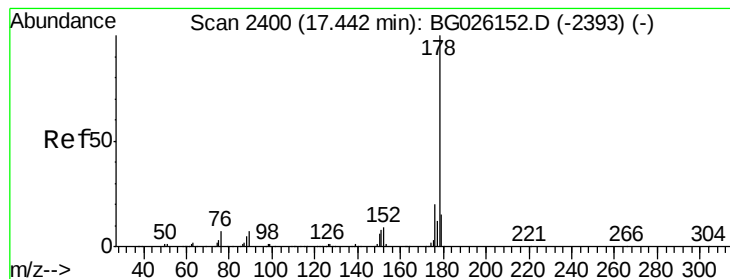
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 3.43 ng/ul

RT: 17.44 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BG026162.D

Acq: 9 Mar 2017 23:13

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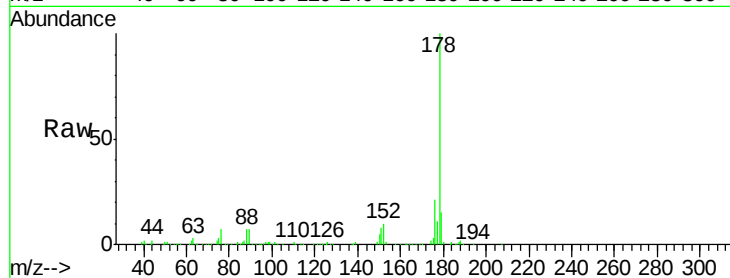
Tgt Ion:178 Resp: 139617

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

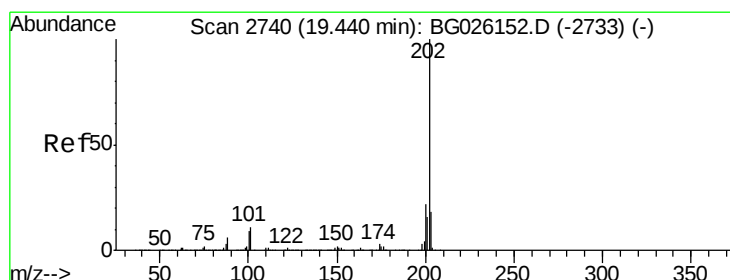
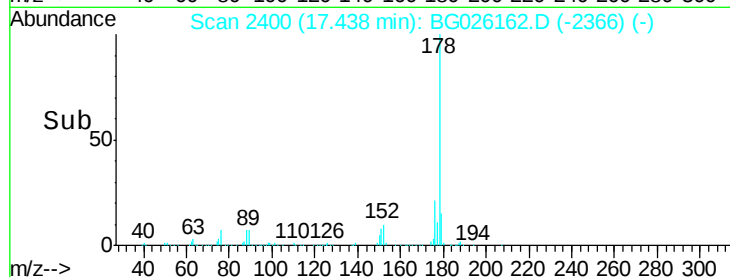
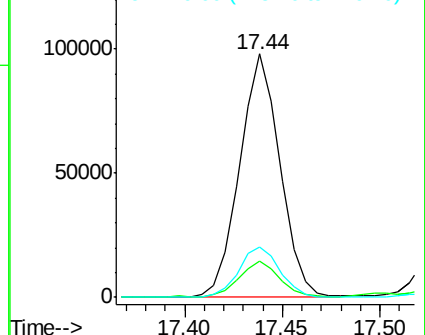
176 20.6 16.4 24.6



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: 7.50 ng/ul

RT: 19.44 min Scan# 2740

Delta R.T. -0.00 min

Lab File: BG026162.D

Acq: 9 Mar 2017 23:13

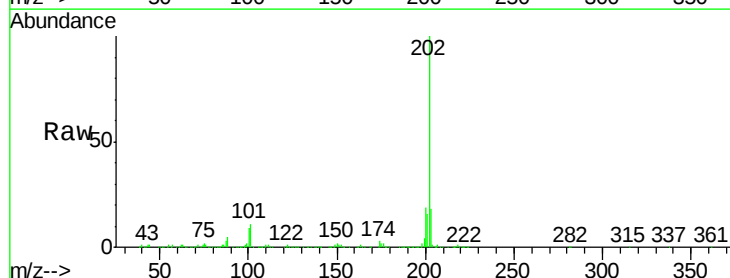
Tgt Ion:202 Resp: 316702

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

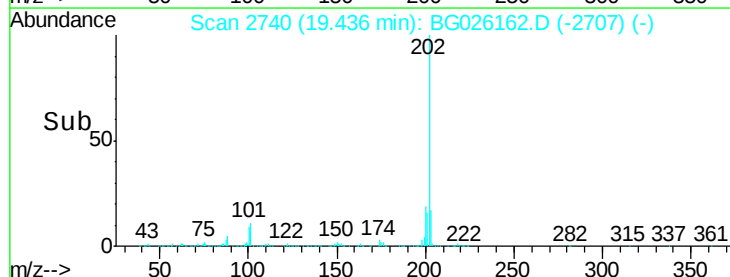
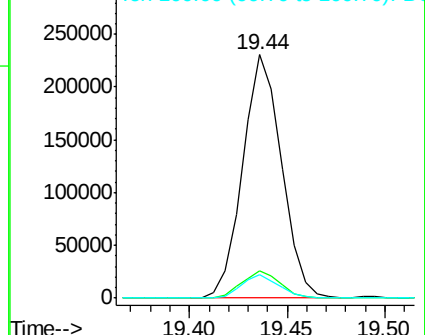
100 9.4 7.5 11.3

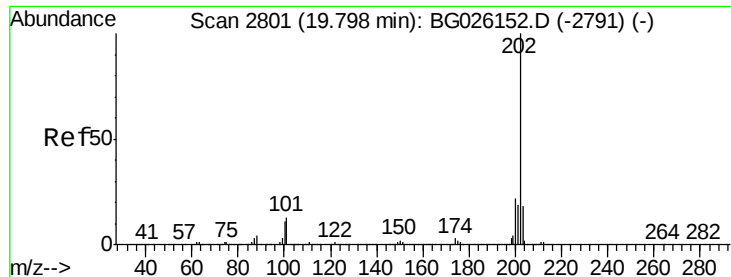


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

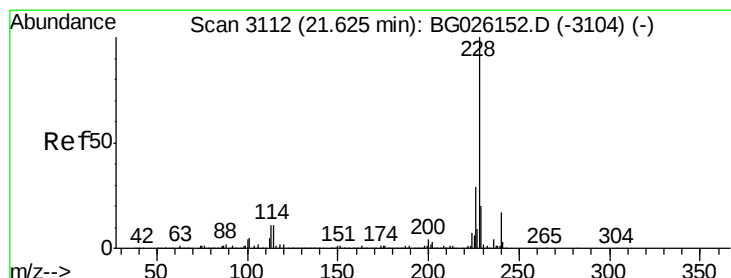
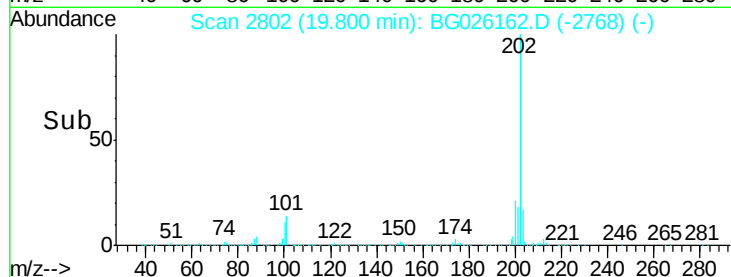
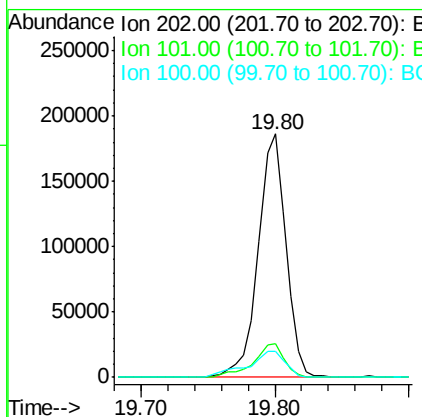
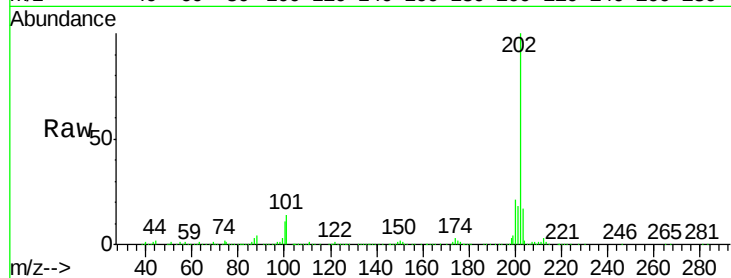




#20
Pyrene
Concen: 5.27 ng/ul
RT: 19.80 min Scan# 2802
Delta R.T. 0.00 min
Lab File: BG026162.D
Acq: 9 Mar 2017 23:13

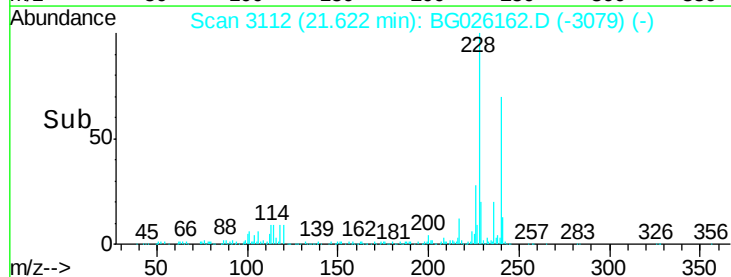
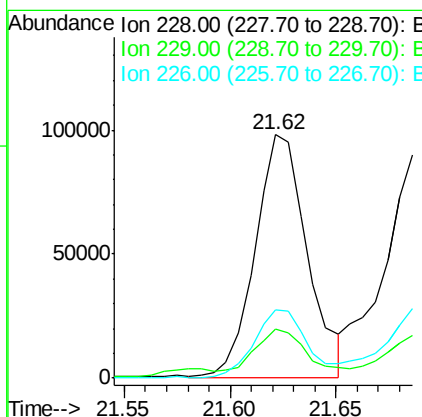
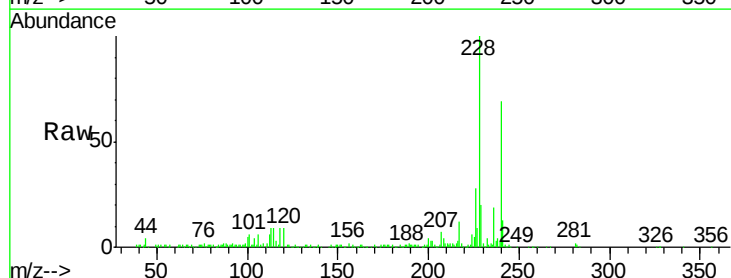
Instrument :
BNA_G
ClientSampleId :
C0AJ7

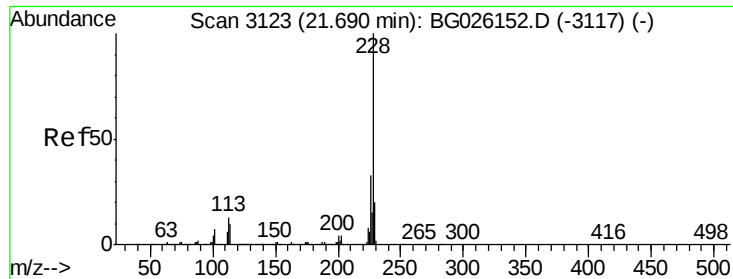
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.2	16.8
100	10.6	9.8	14.6



#21
Benzo(a)anthracene
Concen: 3.80 ng/ul
RT: 21.62 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG026162.D
Acq: 9 Mar 2017 23:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	28.1	22.1	33.1





#22

Chrysene

Concen: 4.08 ng/ul

RT: 21.69 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG026162.D

Acq: 9 Mar 2017 23:13

Instrument :

BNA_G

ClientSampleId :

C0AJ7

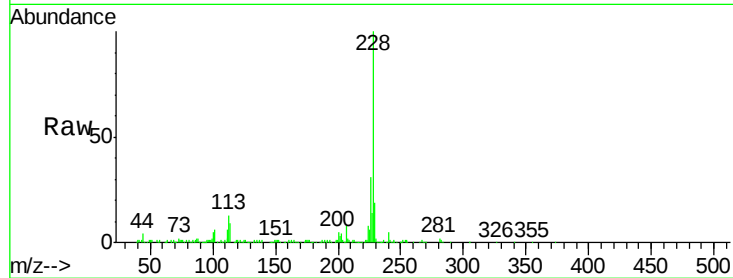
Tgt Ion:228 Resp: 168202

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

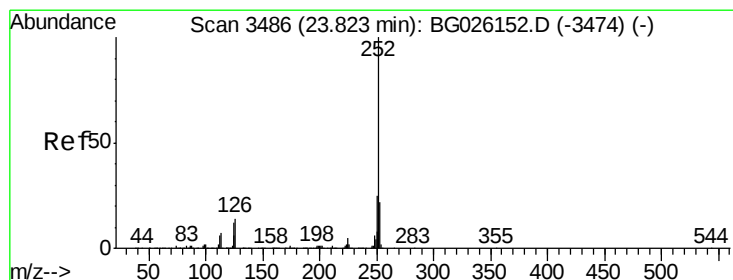
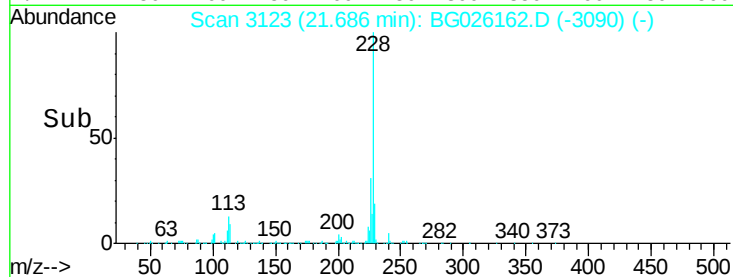
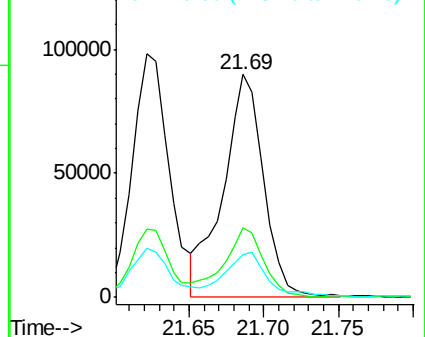
229 18.9 16.6 25.0



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: 4.93 ng/ul

RT: 23.82 min Scan# 3486

Delta R.T. -0.00 min

Lab File: BG026162.D

Acq: 9 Mar 2017 23:13

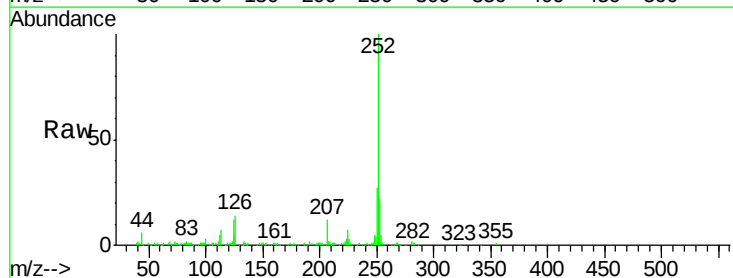
Tgt Ion:252 Resp: 214513

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

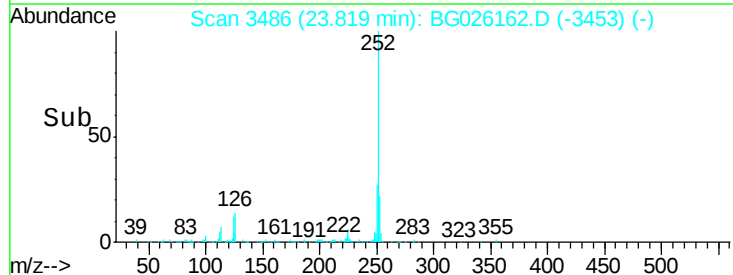
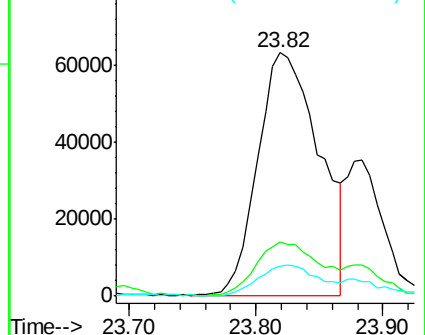
125 12.3 9.4 14.0

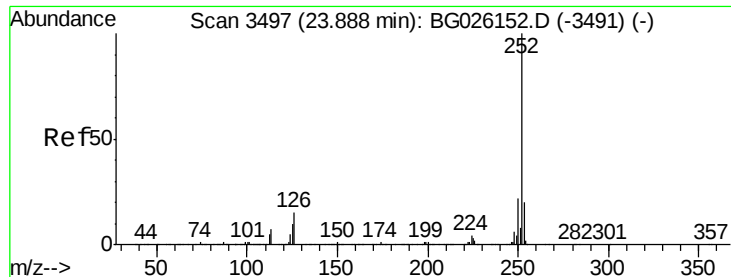


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(k)fluoranthene

Concen: 1.68 ng/ul

RT: 23.88 min Scan# 3497

Delta R.T. -0.00 min

Lab File: BG026162.D

Acq: 9 Mar 2017 23:13

Instrument :

BNA_G

ClientSampleId :

C0AJ7

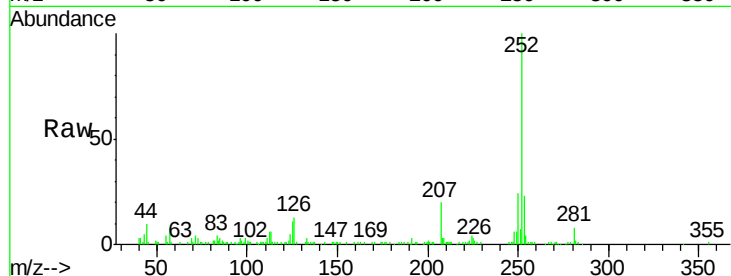
Tgt Ion:252 Resp: 69787

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

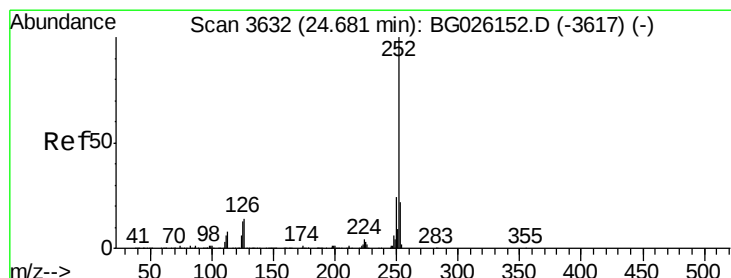
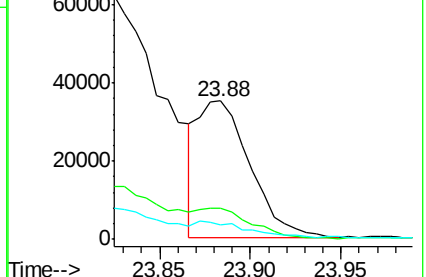
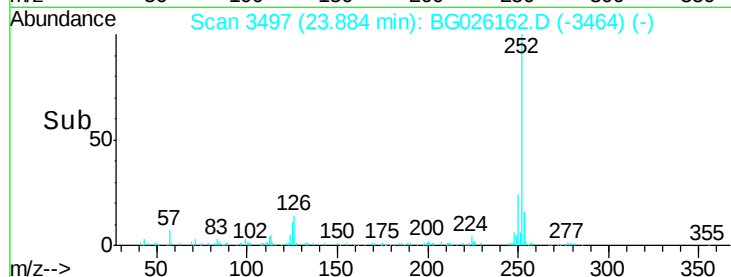
125 10.6 8.8 13.2



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: 3.30 ng/ul

RT: 24.68 min Scan# 3632

Delta R.T. -0.01 min

Lab File: BG026162.D

Acq: 9 Mar 2017 23:13

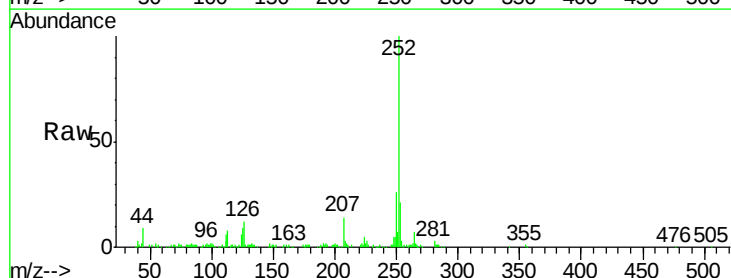
Tgt Ion:252 Resp: 133253

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

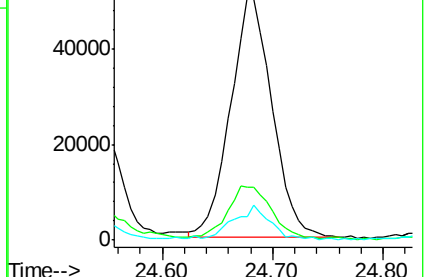
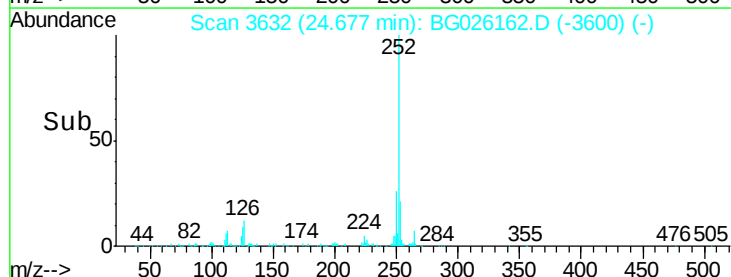
125 9.5 9.4 14.2

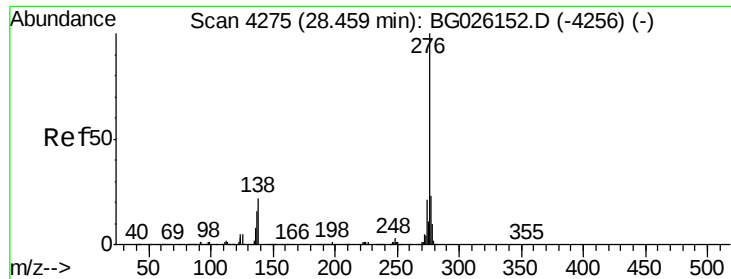


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#28

Indeno(1,2,3-cd)pyrene

Concen: 1.93 ng/ul

RT: 28.46 min Scan# 4276

Delta R.T. -0.00 min

Lab File: BG026162.D

Acq: 9 Mar 2017 23:13

Instrument :

BNA_G

ClientSampleId :

C0AJ7

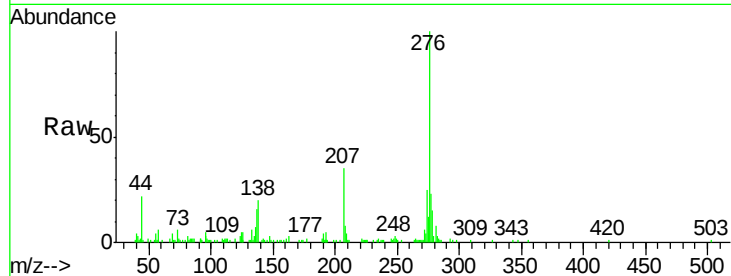
Tgt Ion:276 Resp: 86305

Ion Ratio Lower Upper

276 100

138 20.1 17.8 26.6

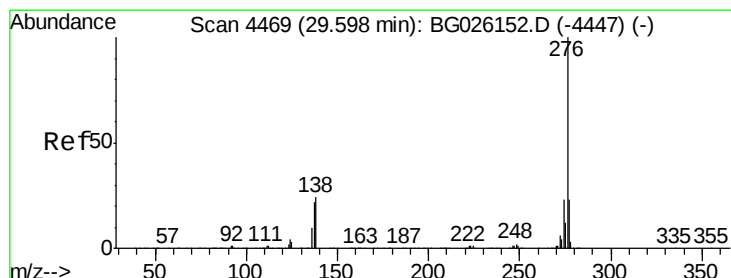
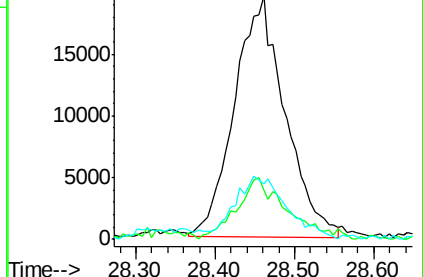
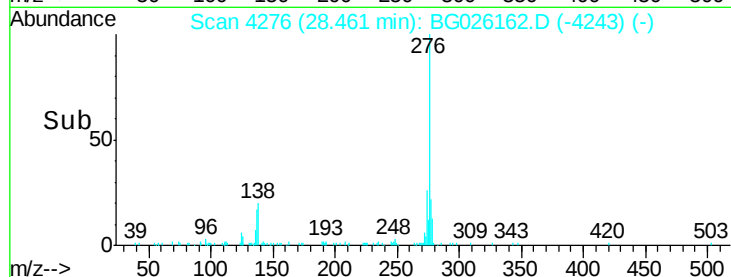
277 22.6 19.4 29.0



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: 1.82 ng/ul

RT: 29.59 min Scan# 4468

Delta R.T. -0.02 min

Lab File: BG026162.D

Acq: 9 Mar 2017 23:13

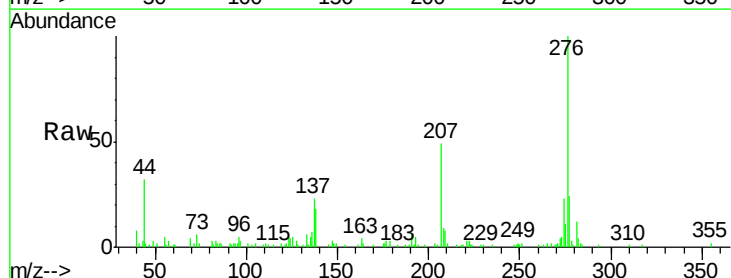
Tgt Ion:276 Resp: 69506

Ion Ratio Lower Upper

276 100

138 17.8 19.0 28.4#

277 23.6 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

