

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
 Data File : BG025869.D
 Acq On : 20 Feb 2017 11:54
 Operator : SJ/MA
 Sample : I1898-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABA4

Quant Time: Feb 20 13:59:28 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 20 13:51:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	90147	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	425539	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	267754	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	634855	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	641950	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	599242	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.38	160	828883	37.38	ng/ul	0.00
10) Fluorene-d10	15.67	176	636897	37.40	ng/ul	0.00
14) Anthracene-d10	17.52	188	1004358	34.99	ng/ul	0.00
18) Pyrene-d10	19.79	212	1064894	34.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.66	264	968415	36.52	ng/ul	0.00

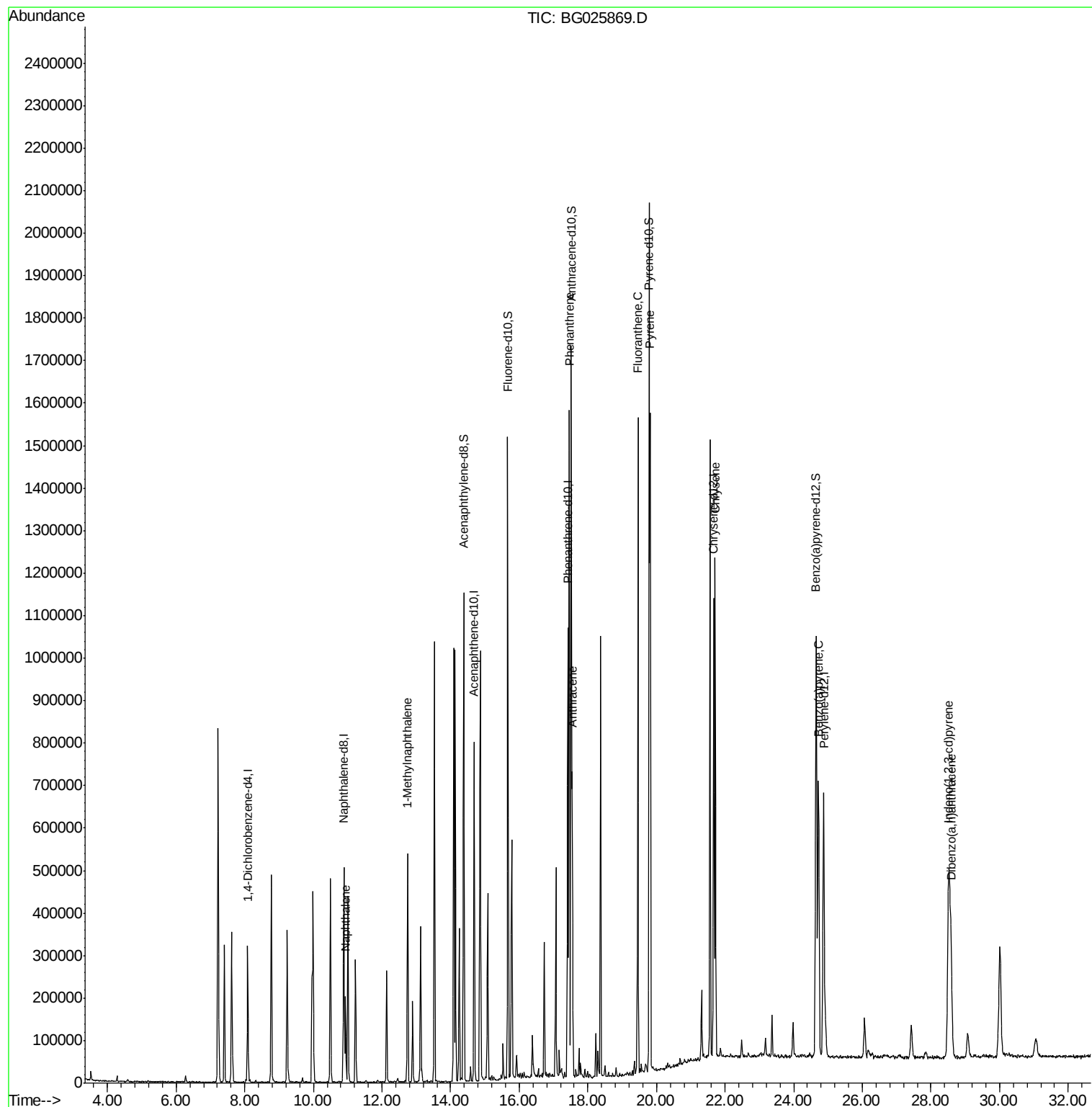
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.94	128	172021	8.20	ng/ul	100
5) 1-Methylnaphthalene	12.75	142	257304	15.96	ng/ul#	93
13) Phenanthrene	17.46	178	987034	29.15	ng/ul	98
15) Anthracene	17.55	178	441375	12.83	ng/ul	99
16) Fluoranthene	19.46	202	910457	24.46	ng/ul	99
19) Pyrene	19.82	202	943563	24.29	ng/ul#	95
21) Chrysene	21.71	228	697729	20.22	ng/ul	99
26) Benzo(a)pyrene	24.72	252	638128	19.04	ng/ul#	98
27) Indeno(1,2,3-cd)pyrene	28.52	276	806738	20.56	ng/ul#	93
28) Dibenzo(a,h)anthracene	28.59	278	419241	12.90	ng/ul#	96

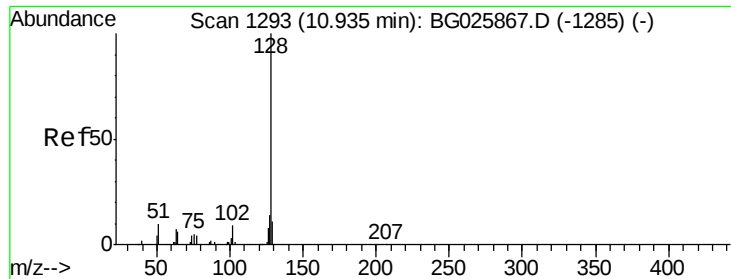
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 8.20 ng/ul

RT: 10.94 min Scan# 1293

Delta R.T. 0.00 min

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Acq: 20 Feb 2017 11:54

Instrument :

BNA_G

ClientSampleId :

DABA4

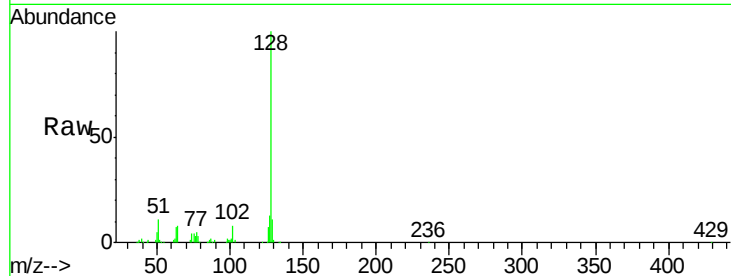
Tgt Ion:128 Resp: 172021

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

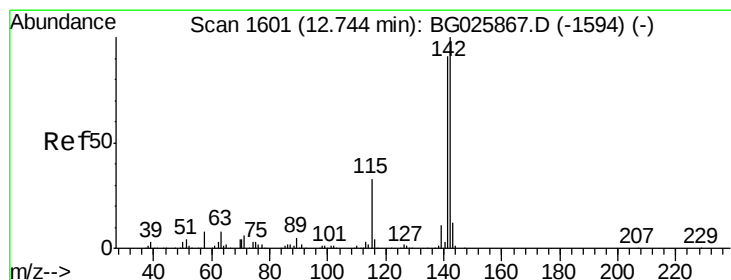
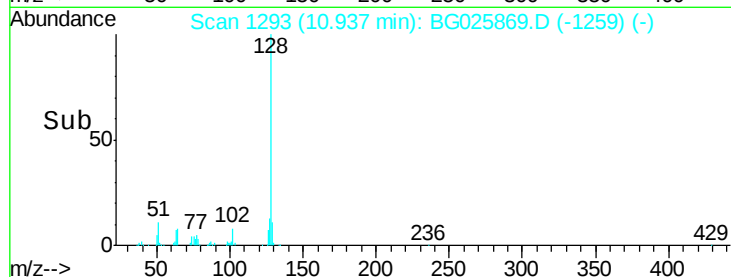
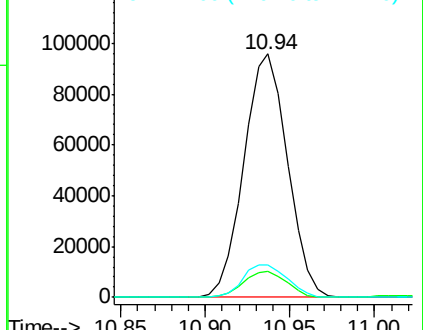
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

1-Methylnaphthalene

Concen: 15.96 ng/ul

RT: 12.75 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BG025869.D

Acq: 20 Feb 2017 11:54

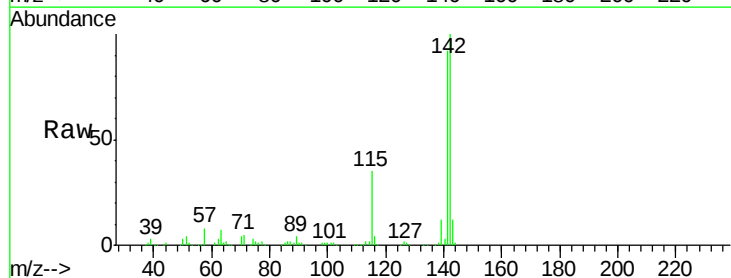
Tgt Ion:142 Resp: 257304

Ion Ratio Lower Upper

142 100

141 91.7 79.3 118.9

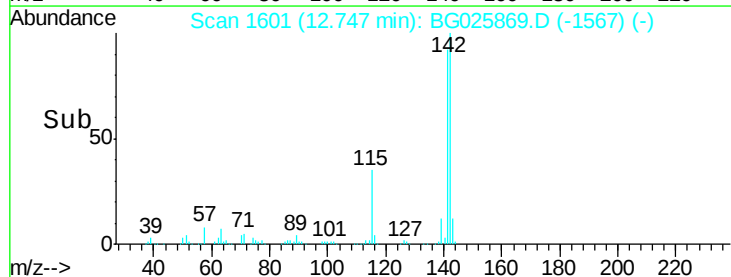
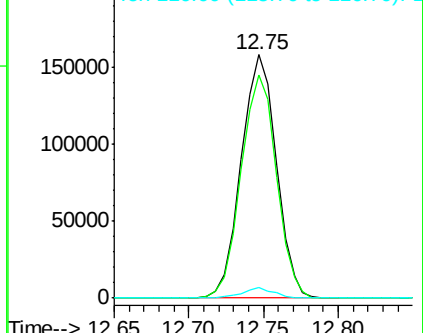
116 4.1 4.2 6.2#

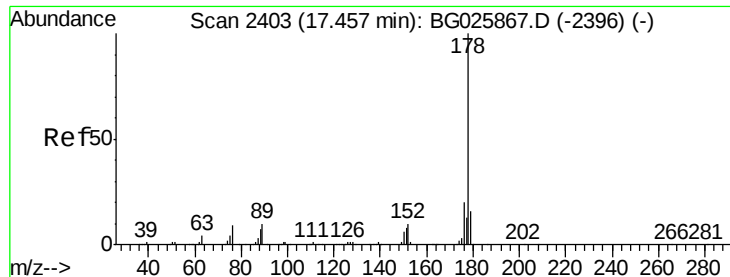


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#13

Phenanthrene

Concen: 29.15 ng/ul

RT: 17.46 min Scan# 2403

Delta R.T. 0.00 min

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Acq: 20 Feb 2017 11:54

Instrument :

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ClientSampleId :

DABA4

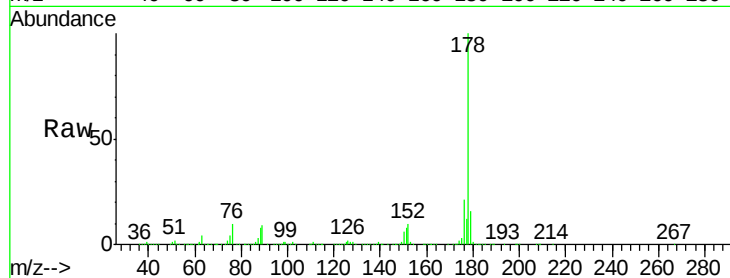
Tgt Ion:178 Resp: 987034

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

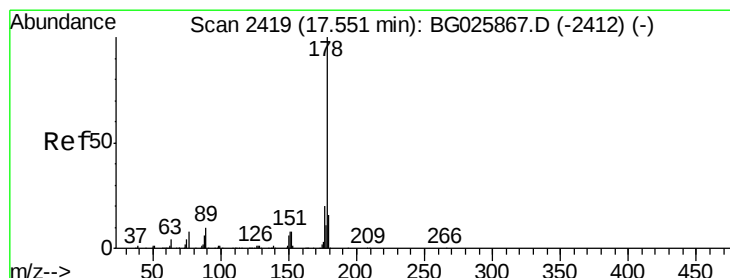
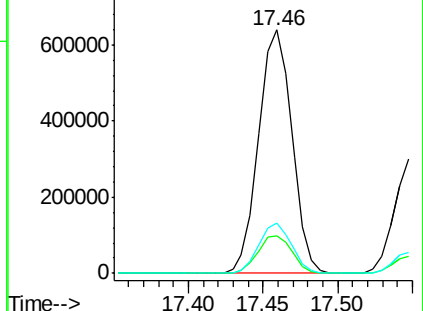
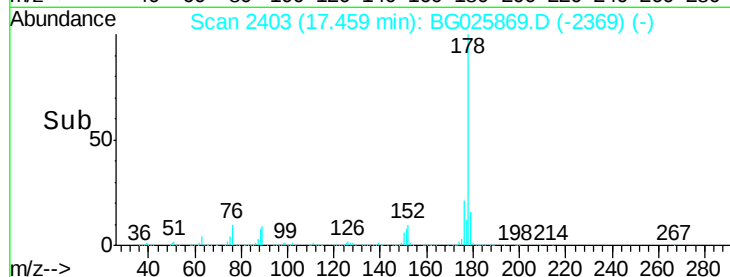
176 20.5 15.1 22.7



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



#15

Anthracene

Concen: 12.83 ng/ul

RT: 17.55 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG025869.D

Acq: 20 Feb 2017 11:54

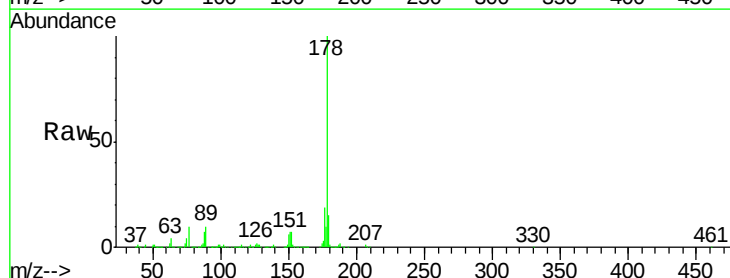
Tgt Ion:178 Resp: 441375

Ion Ratio Lower Upper

178 100

179 15.2 11.8 17.8

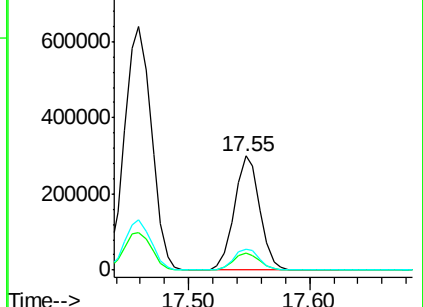
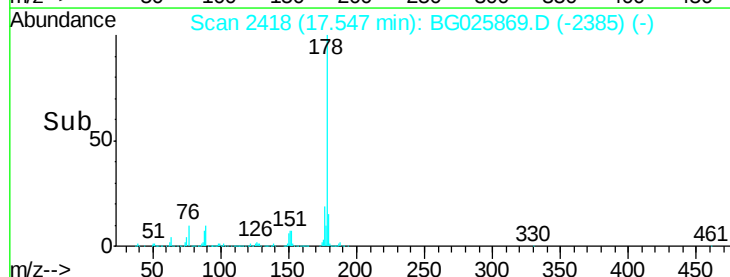
176 18.5 15.2 22.8

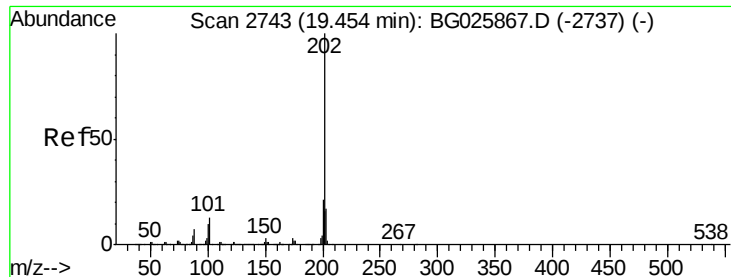


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 24.46 ng/ul

RT: 19.46 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BG025869.D

Acq: 20 Feb 2017 11:54

Instrument :

BNA_G

ClientSampleId :

DABA4

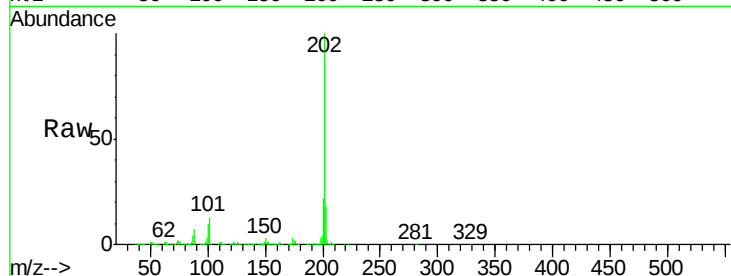
Tgt Ion:202 Resp: 910457

Ion Ratio Lower Upper

202 100

101 12.7 9.9 14.9

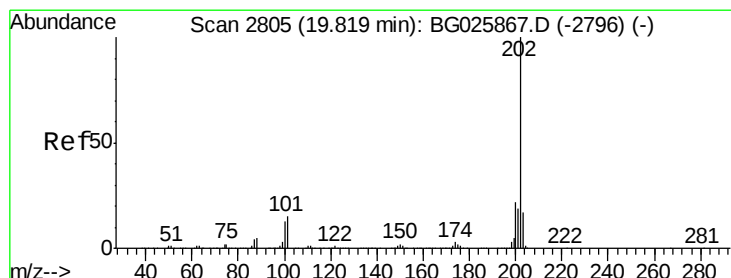
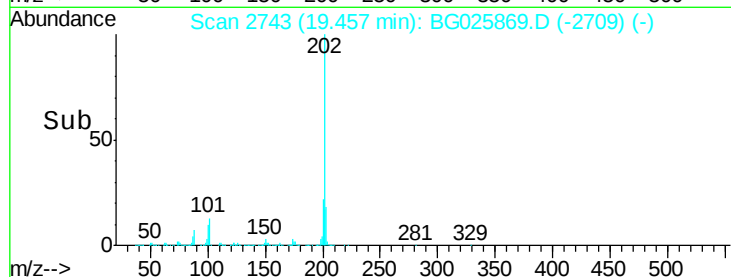
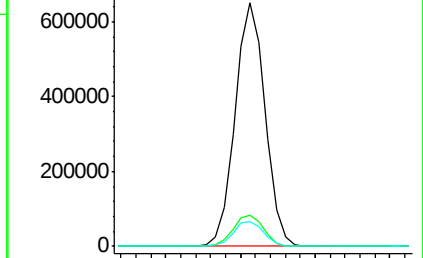
100 10.0 7.4 11.0



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: 24.29 ng/ul

RT: 19.82 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BG025869.D

Acq: 20 Feb 2017 11:54

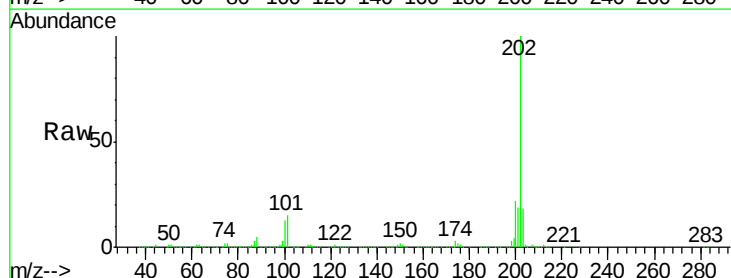
Tgt Ion:202 Resp: 943563

Ion Ratio Lower Upper

202 100

101 15.4 11.0 16.4

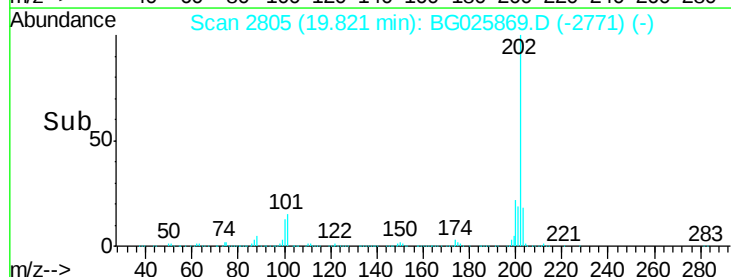
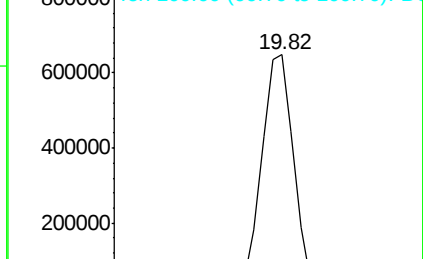
100 12.8 8.1 12.1#

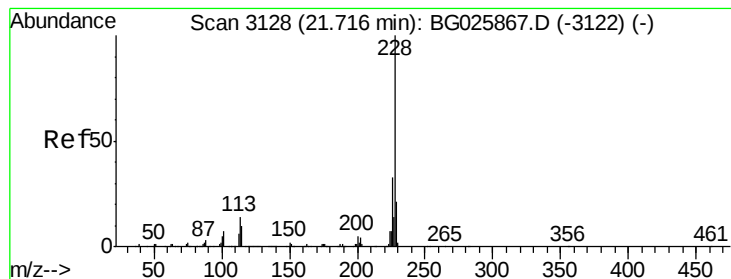


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Chrysene

Concen: 20.22 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG025869.D

Acq: 20 Feb 2017 11:54

Instrument :

BNA_G

ClientSampleId :

DABA4

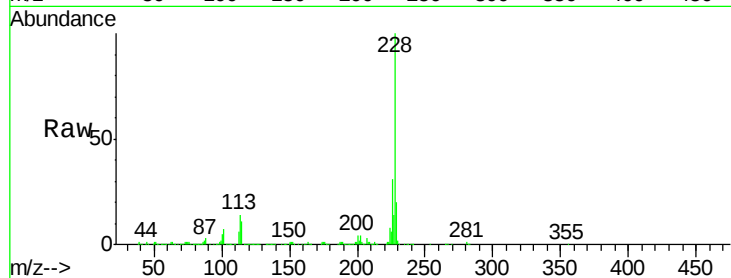
Tgt Ion:228 Resp: 697729

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

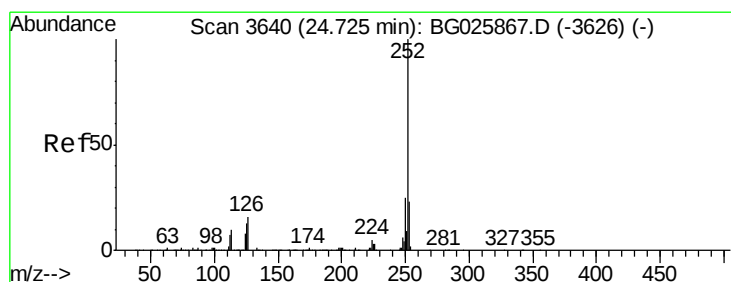
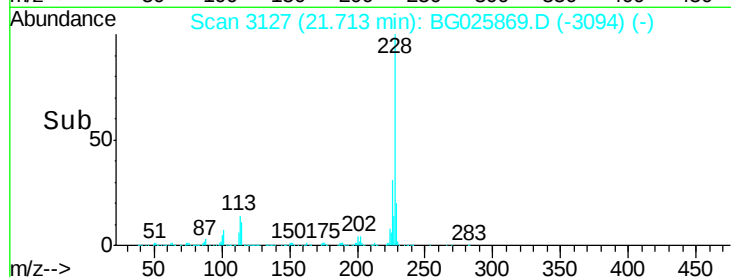
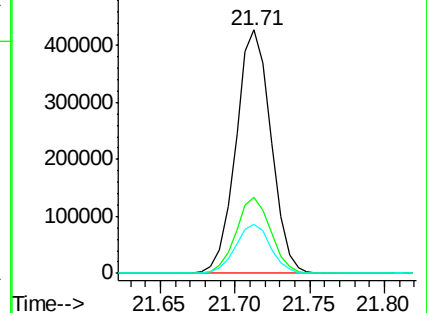
229 20.4 15.8 23.8



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



#26

Benzo(a)pyrene

Concen: 19.04 ng/ul

RT: 24.72 min Scan# 3639

Delta R.T. -0.00 min

Lab File: BG025869.D

Acq: 20 Feb 2017 11:54

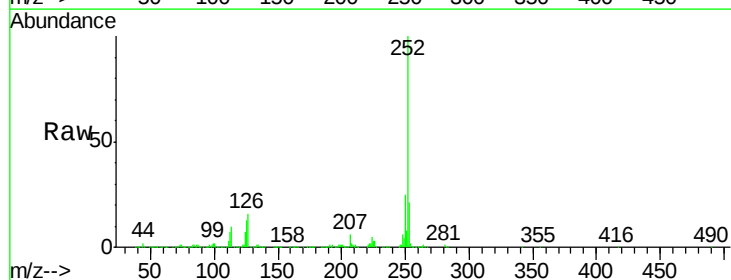
Tgt Ion:252 Resp: 638128

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

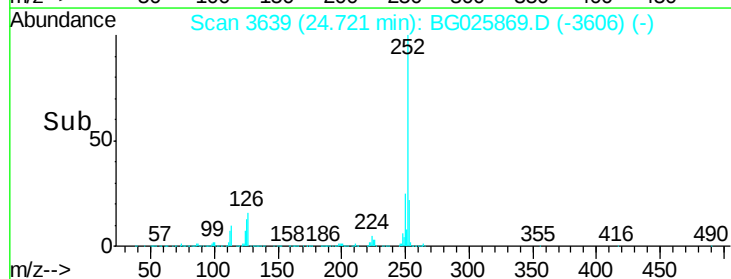
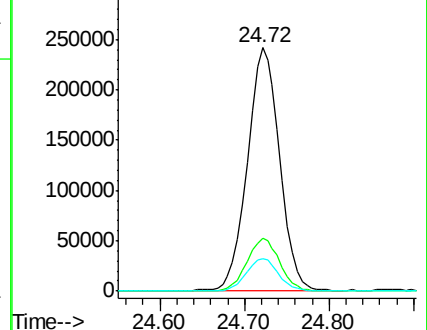
125 13.1 8.2 12.4#

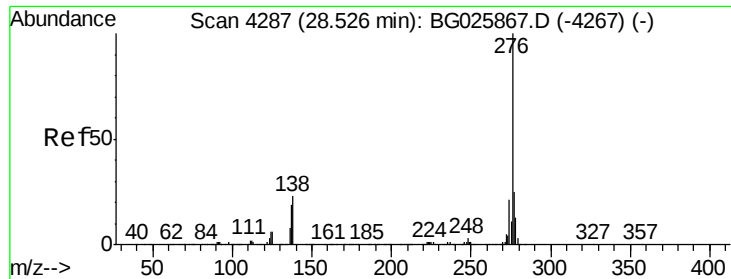


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

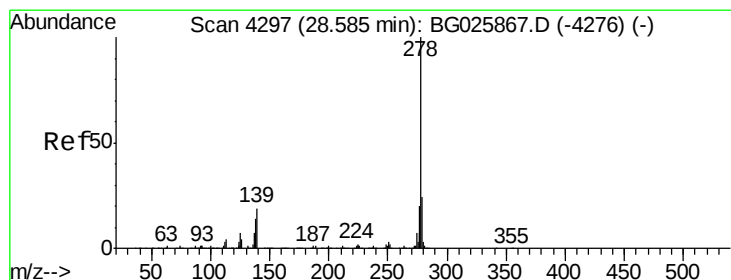
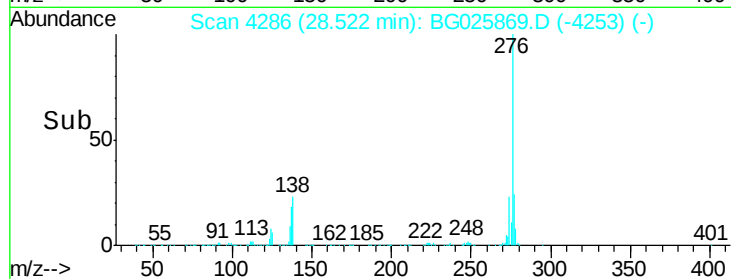
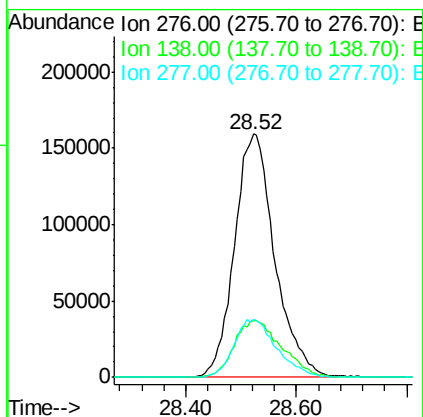
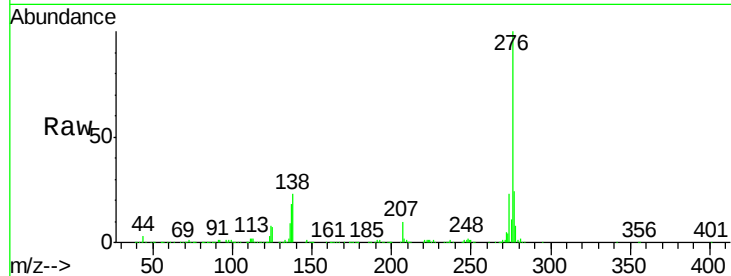




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 20.56 ng/ul
 RT: 28.52 min Scan# 4286
 Delta R.T. -0.00 min
 Lab File: BG025869.D
 Acq: 20 Feb 2017 11:54

Instrument :
 BNA_G
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Tgt Ion:276 Resp: 806738
 Ion Ratio Lower Upper
 276 100
 138 23.1 14.4 21.6#
 277 23.7 18.0 27.0



#28
 Dibenzo(a,h)anthracene
 Concen: 12.90 ng/ul
 RT: 28.59 min Scan# 4297
 Delta R.T. 0.00 min
 Lab File: BG025869.D
 Acq: 20 Feb 2017 11:54

Tgt Ion:278 Resp: 419241
 Ion Ratio Lower Upper
 278 100
 139 19.4 12.2 18.4#
 279 24.3 19.2 28.8

