

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
 Data File : BG027095.D
 Acq On : 23 May 2017 15:18
 Operator : SJ/MA
 Sample : I3275-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC43

Quant Time: May 23 17:54:14 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 17:47:51 2017
 Response via : Initial Calibration

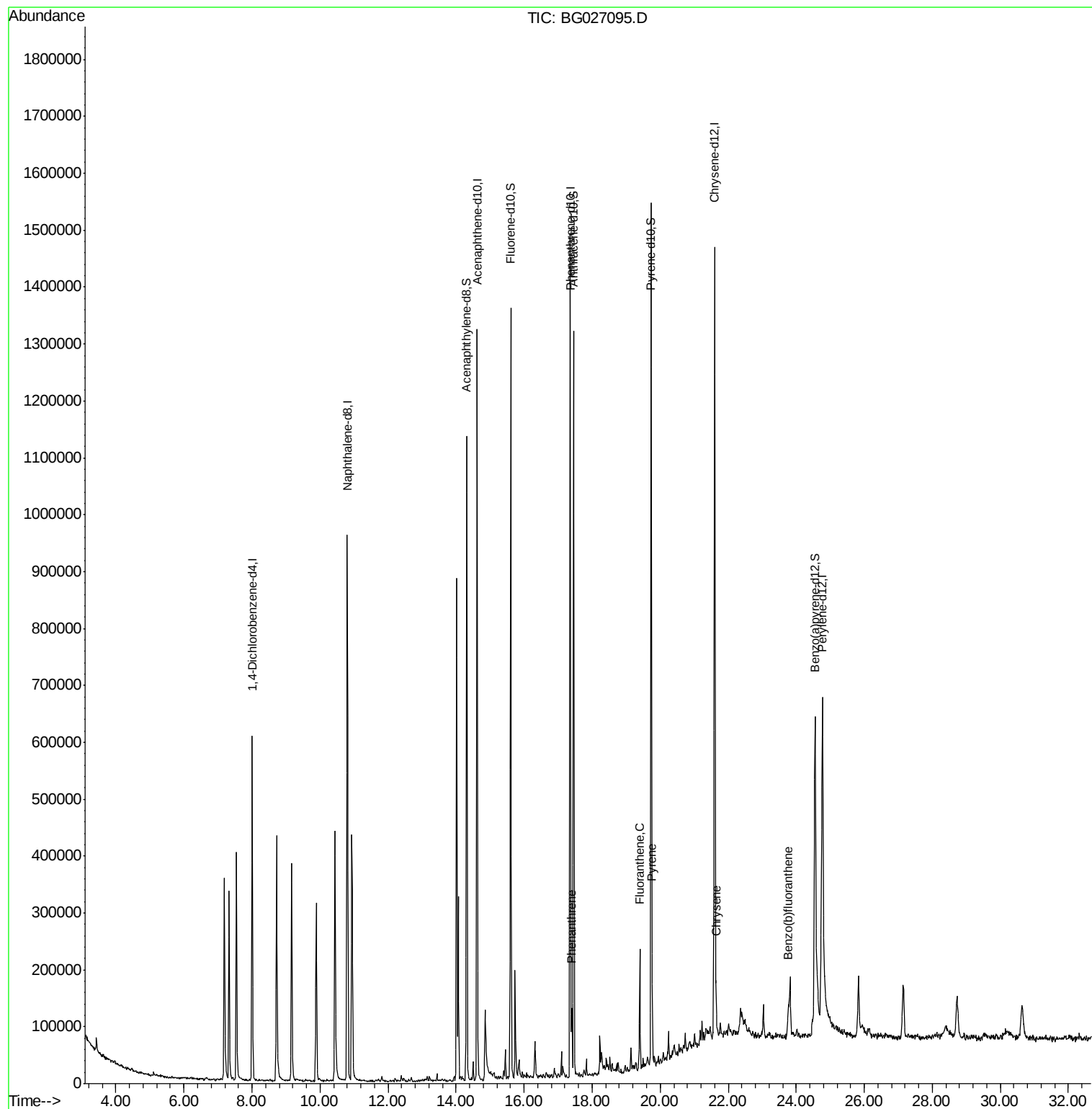
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	182155	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	888290	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	455343	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	860899	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	783807	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	662582	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	855643	18.32	ng/ul	0.00
10) Fluorene-d10	15.60	176	549246	17.63	ng/ul	0.00
14) Anthracene-d10	17.45	188	743972	17.72	ng/ul	0.00
18) Pyrene-d10	19.73	212	759362	18.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	627984	19.08	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	66076	1.37	ng/ul	Qvalue 98
16) Fluoranthene	19.40	202	123413	2.51	ng/ul#	93
19) Pyrene	19.76	202	106729	2.08	ng/ul#	90
21) Chrysene	21.64	228	53197	1.23	ng/ul	95
23) Benzo(b)fluoranthene	23.76	252	58823	1.49	ng/ul#	92

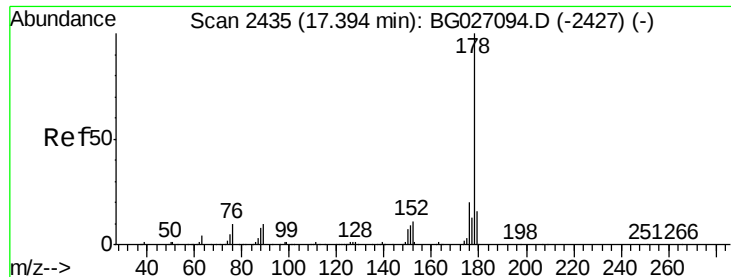
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.37 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. -0.00 min

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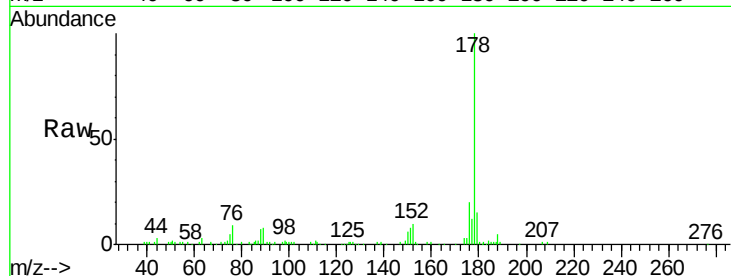
Tgt Ion:178 Resp: 66076

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

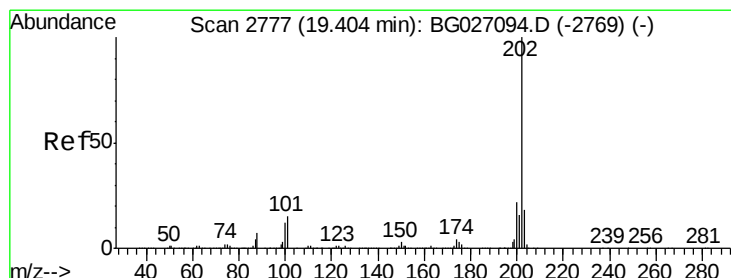
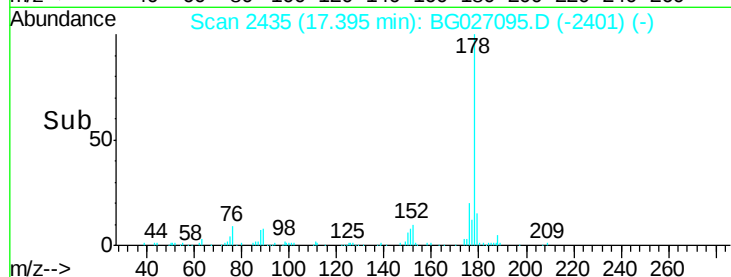
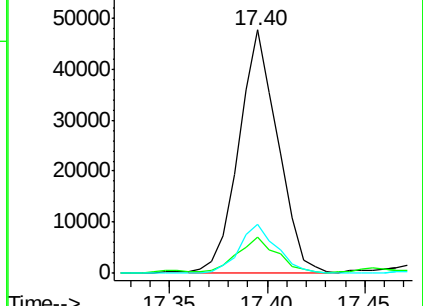
176 19.9 15.1 22.7



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



#16

Fluoranthene

Concen: 2.51 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG027095.D

Acq: 23 May 2017 15:18

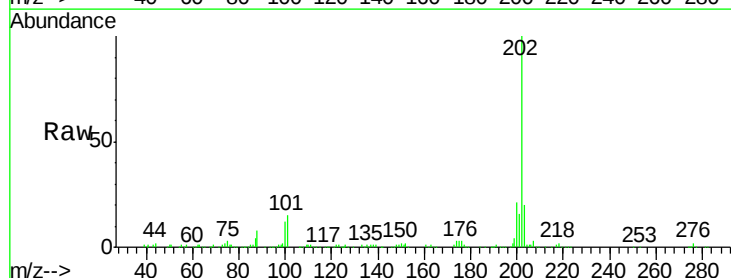
Tgt Ion:202 Resp: 123413

Ion Ratio Lower Upper

202 100

101 15.0 9.9 14.9#

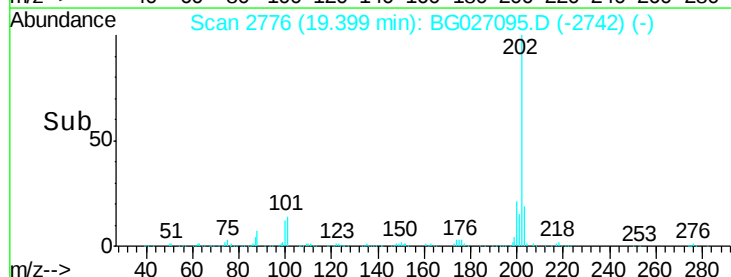
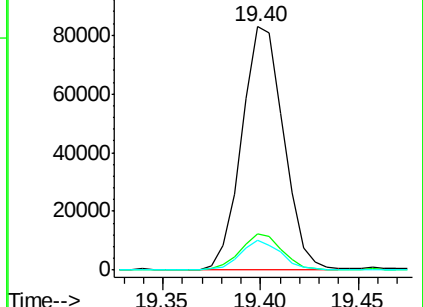
100 12.3 7.4 11.0#

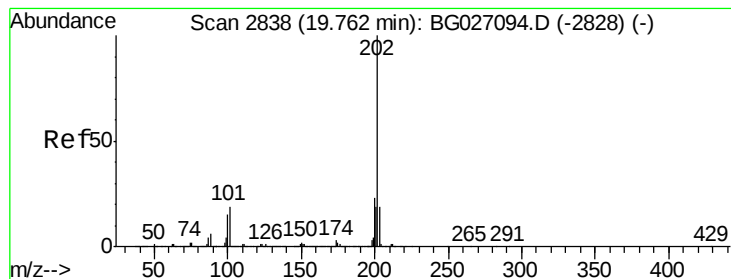


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#19

Pyrene

Concen: 2.08 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG027095.D

Acq: 23 May 2017 15:18

Instrument :

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ClientSampleId :

DAC43

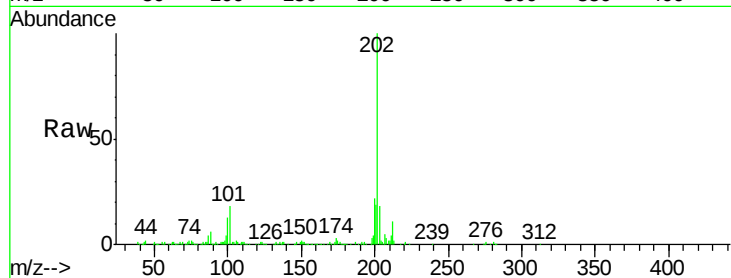
Tgt Ion:202 Resp: 106729

Ion Ratio Lower Upper

202 100

101 18.5 11.0 16.4#

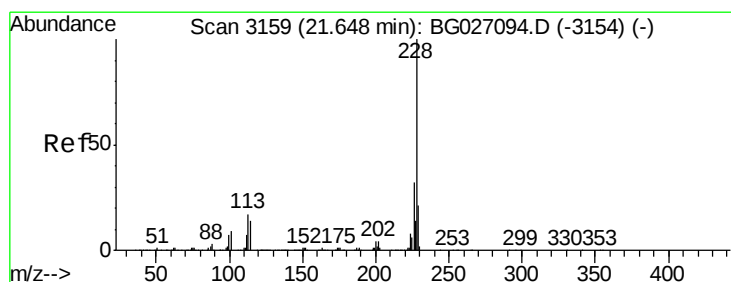
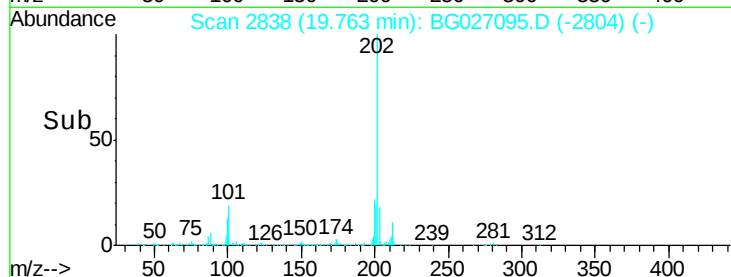
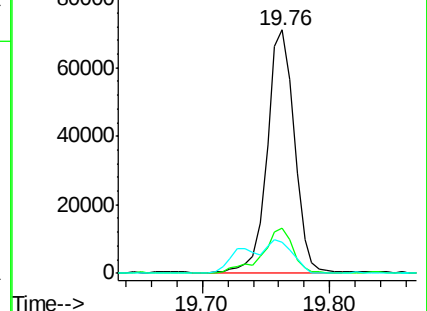
100 12.8 8.1 12.1#



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: 1.23 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG027095.D

Acq: 23 May 2017 15:18

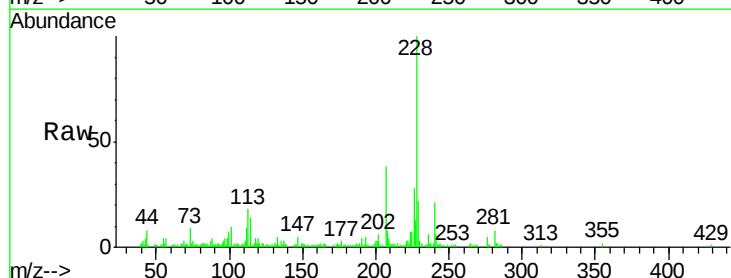
Tgt Ion:228 Resp: 53197

Ion Ratio Lower Upper

228 100

226 28.1 24.5 36.7

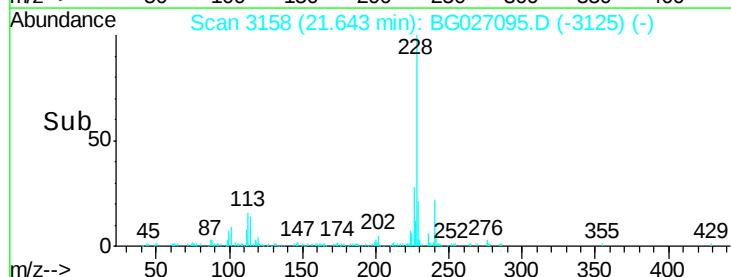
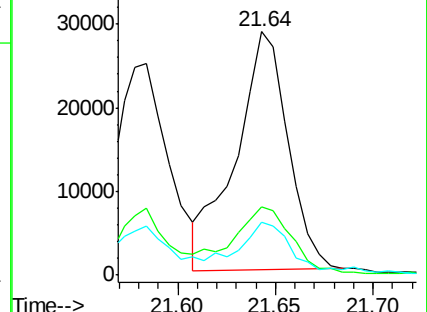
229 21.9 15.8 23.8

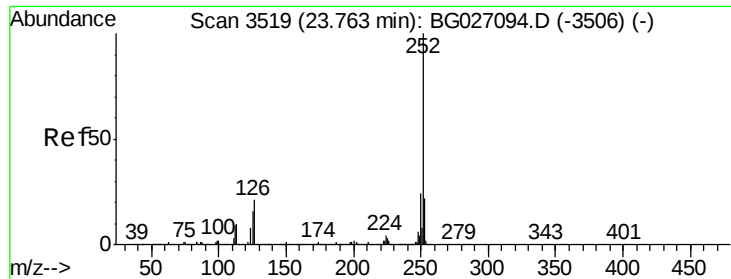


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 1.49 ng/ul

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG027095.D

Acq: 23 May 2017 15:18

Instrument :

BNA_G

ClientSampleId :

DAC43

Tgt Ion: 252 Resp: 58823

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 18.4 8.0 12.0#

