

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
 Data File : BG026161.D
 Acq On : 9 Mar 2017 22:34
 Operator : SJ/MA
 Sample : I2069-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ5

Quant Time: Mar 15 07:24:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 07:23:43 2017
 Response via : Initial Calibration

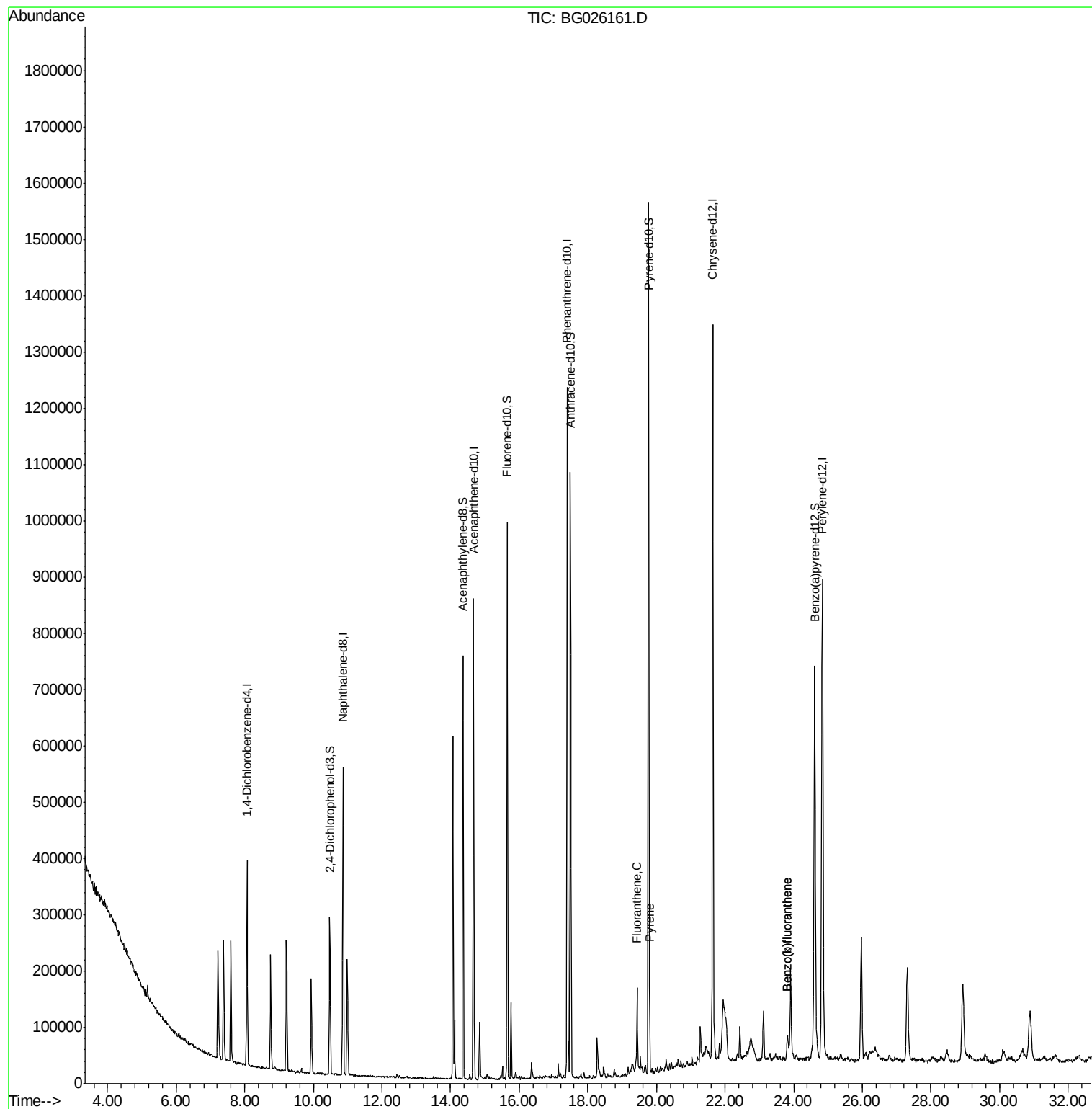
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	110982	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	491495	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	301018	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	753212	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	804085	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	775458	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	122361	16.81	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	559678	21.81	ng/ul	0.00
10) Fluorene-d10	15.65	176	426958	22.80	ng/ul	0.00
15) Anthracene-d10	17.49	188	672271	20.08	ng/ul	0.00
19) Pyrene-d10	19.77	212	783776	19.10	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	693572	20.74	ng/ul	0.00
Target Compounds				Qvalue		
17) Fluoranthene	19.44	202	80028	1.93	ng/ul	98
20) Pyrene	19.80	202	73235	1.43	ng/ul#	94
24) Benzo(b)fluoranthene	23.83	252	50637	1.15	ng/ul	93
25) Benzo(k)fluoranthene	23.83	252	50637	1.20	ng/ul	95

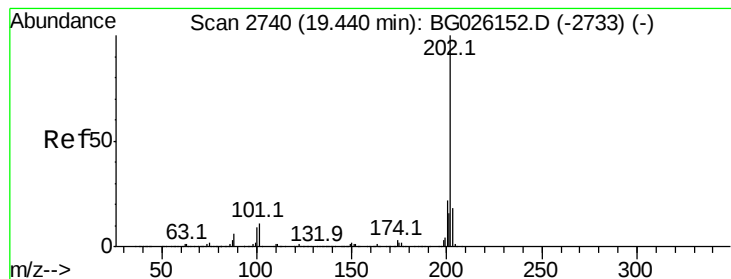
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Fluoranthene

Concen: 1.93 ng/ul

RT: 19.44 min Scan# 2740

Delta R.T. -0.00 min

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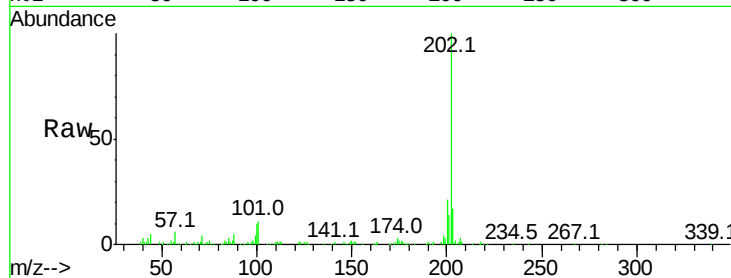
Tot Ion:202 Resp: 80028

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

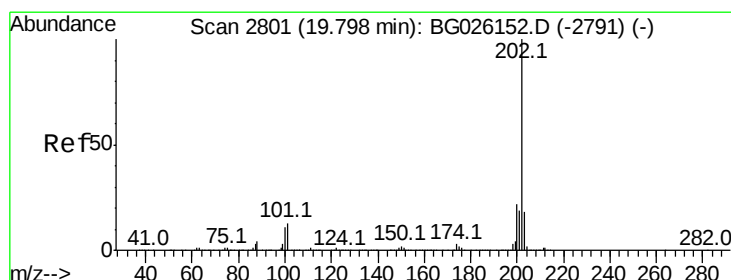
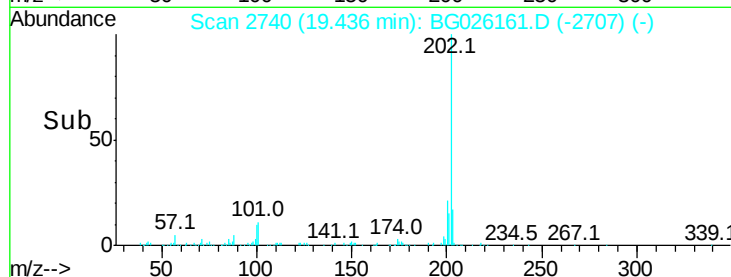
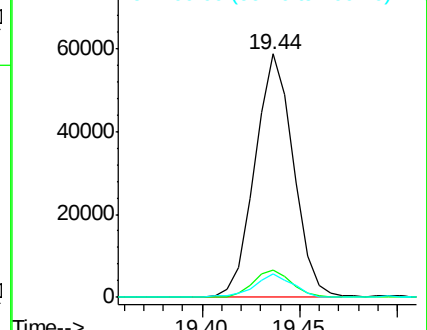
100 9.9 7.5 11.3



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: 1.43 ng/ul

RT: 19.80 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BG026161.D

Acq: 9 Mar 2017 22:34

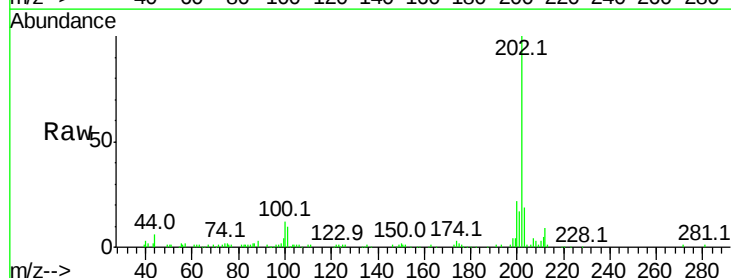
Tgt Ion:202 Resp: 73235

Ion Ratio Lower Upper

202 100

101 9.8 11.2 16.8#

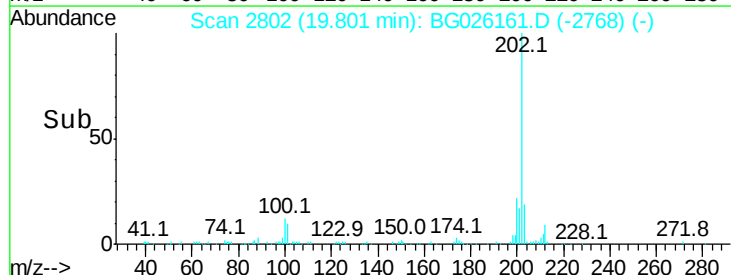
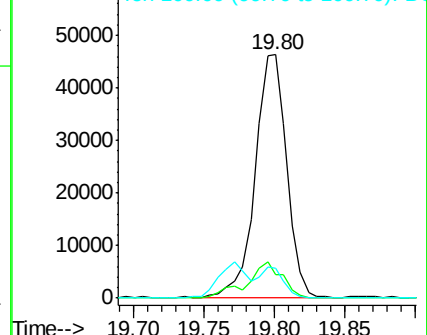
100 12.4 9.8 14.6

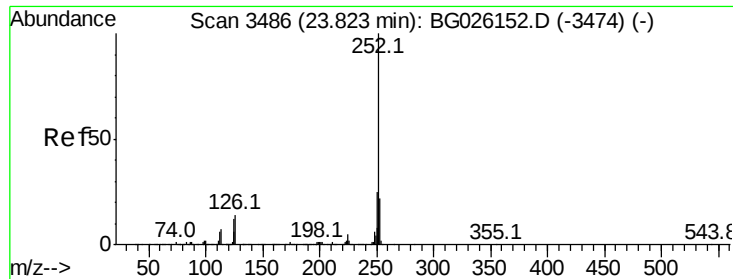


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#24

Benzo(b)fluoranthene

Concen: 1.15 ng/ul

RT: 23.83 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BG026161.D

Acq: 9 Mar 2017 22:34

Instrument :

BNA_G

ClientSampleId :

C0AJ5

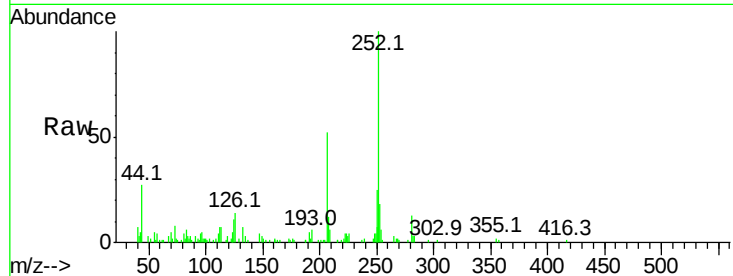
Tot Ion:252 Resp: 50637

Ion Ratio Lower Upper

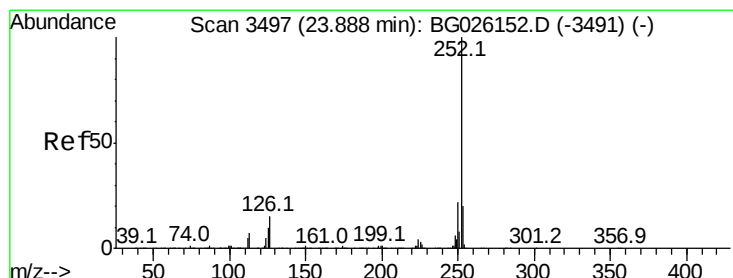
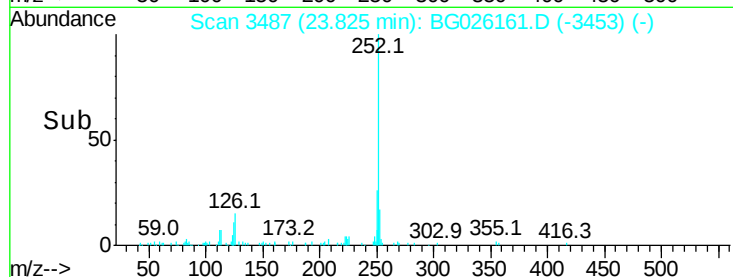
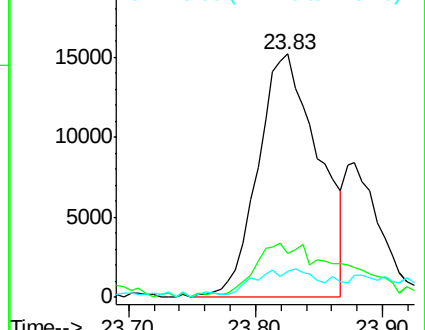
252 100

253 18.0 17.8 26.6

125 10.9 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: 1.20 ng/ul

RT: 23.83 min Scan# 3487

Delta R.T. -0.06 min

Lab File: BG026161.D

Acq: 9 Mar 2017 22:34

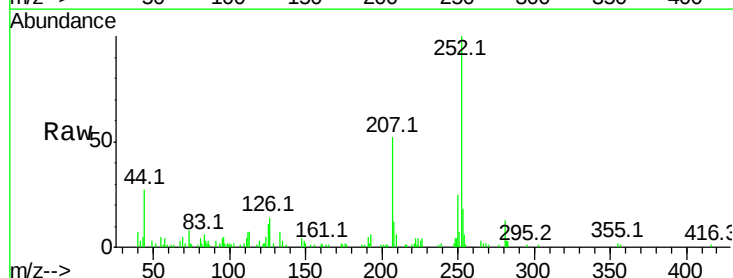
Tgt Ion:252 Resp: 50637

Ion Ratio Lower Upper

252 100

253 18.0 17.4 26.2

125 10.9 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

