

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030604.D
 Acq On : 31 Oct 2017 7:15
 Operator : SJ/JU
 Sample : I5886-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESNF2

Quant Time: Oct 31 08:37:23 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 07:15:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73933	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	368594	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	233067	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	515610	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	555781	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	553769	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	4825	2.65	ng/uL	0.00
5) Phenol-d5	7.32	99	81566	11.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	55517	12.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	69619	13.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	65993	11.51	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	38630	14.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	47383	17.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	84717	13.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	839	0.12	ng/ul	0.08
43) Dimethylphthalate-d6	14.17	166	291120	14.61	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	362954	14.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	26046	7.08	ng/ul	0.01
57) Fluorene-d10	15.77	176	260322	15.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	27080	10.76	ng/ul	0.00
70) Anthracene-d10	17.61	188	369150	15.14	ng/ul	0.00
76) Pyrene-d10	19.89	212	425990	14.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	386543	14.74	ng/ul	0.00

Target Compounds

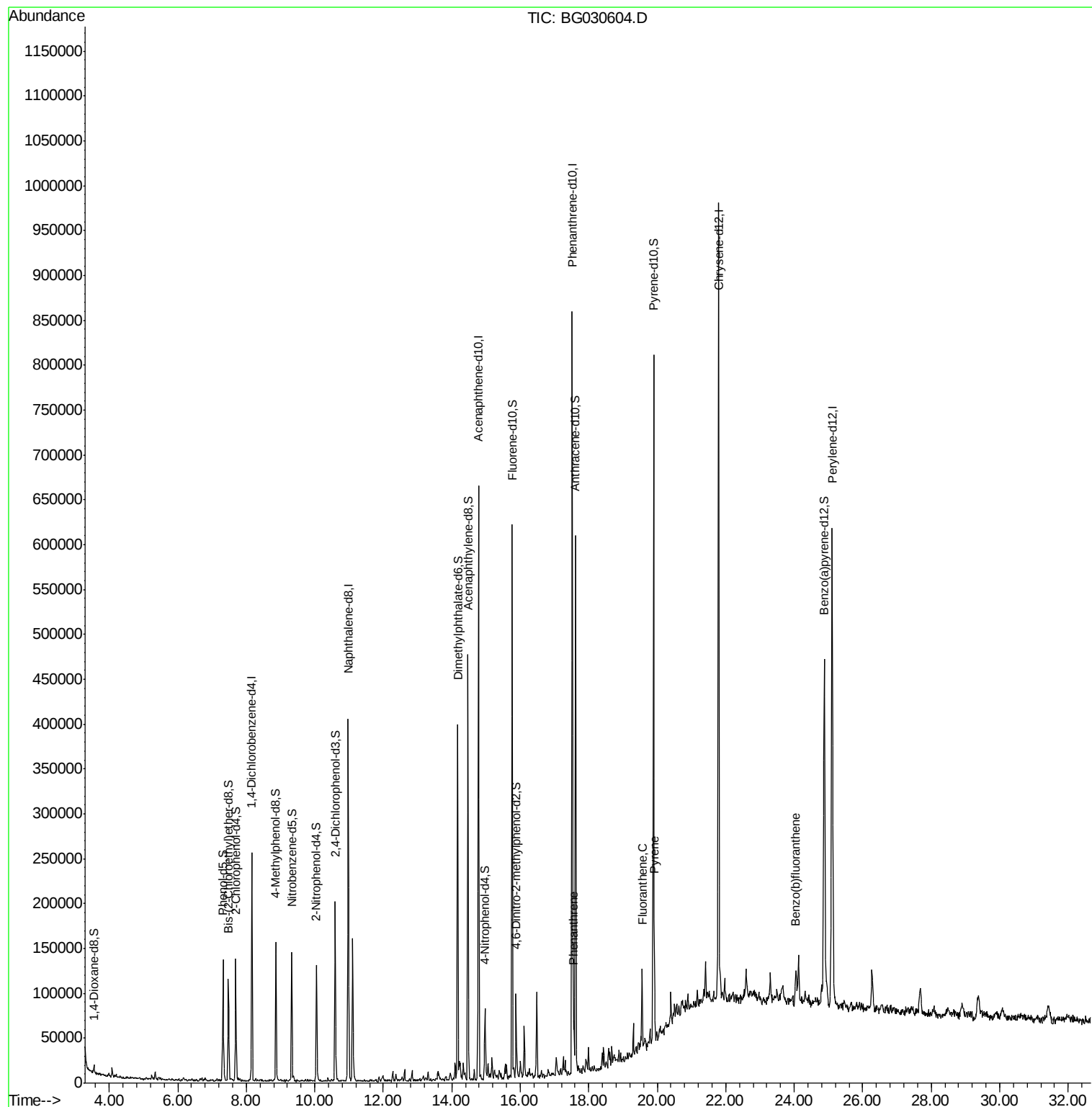
					Qvalue
69) Phenanthrene	17.56	178	42690	1.532 ng/ul	99
74) Fluoranthene	19.56	202	53245	1.709 ng/ul	98
77) Pyrene	19.91	202	49577	1.331 ng/ul#	96
85) Benzo(b)fluoranthene	24.05	252	39699	1.194 ng/ul#	92

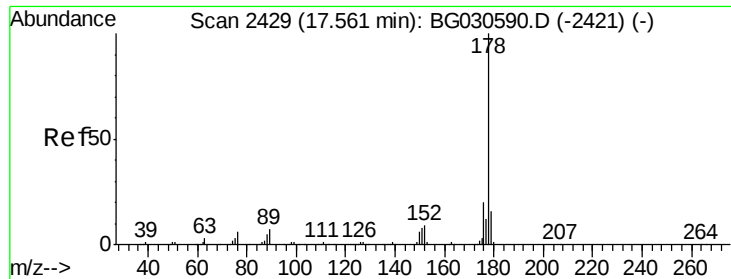
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 1.532 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.00 min

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Acq: 31 Oct 2017 7:15

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BNA_G

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ESNF2

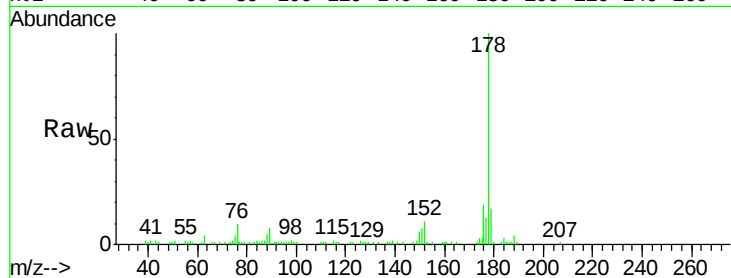
Tgt Ion:178 Resp: 42690

Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.6

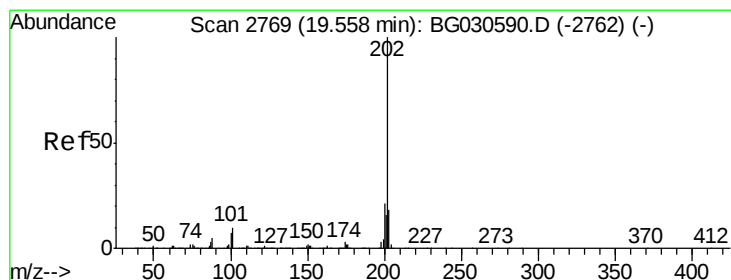
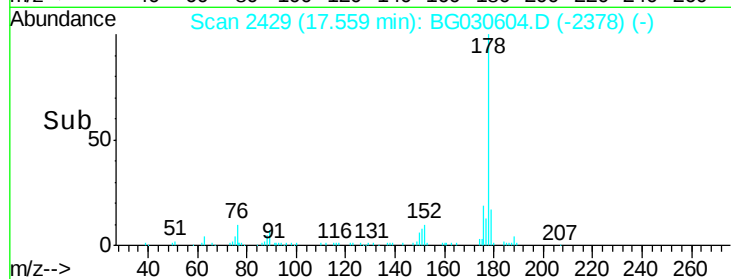
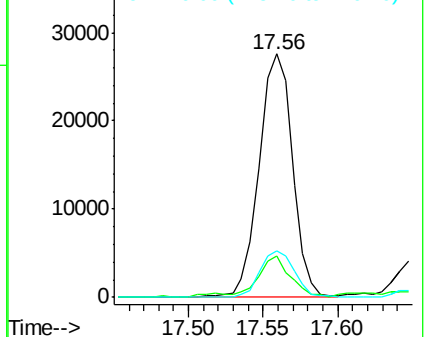
176 19.1 15.3 22.9



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



#74

Fluoranthene

Concen: 1.709 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG030604.D

Acq: 31 Oct 2017 7:15

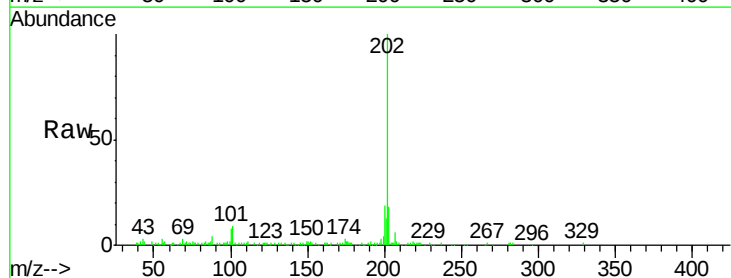
Tgt Ion:202 Resp: 53245

Ion Ratio Lower Upper

202 100

101 8.8 7.4 11.2

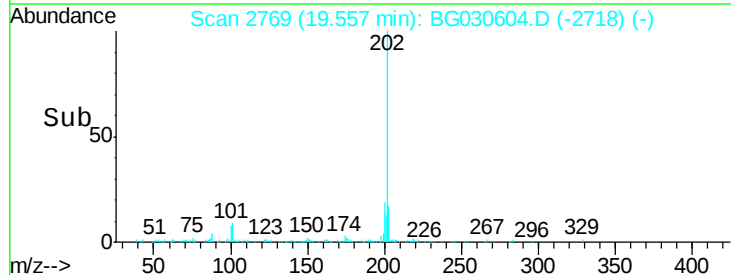
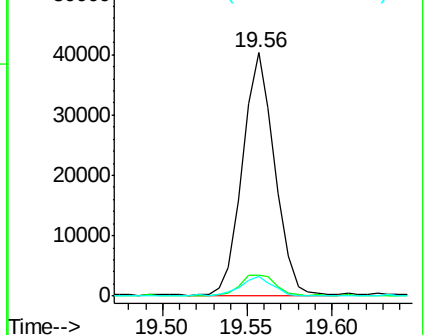
100 8.2 5.6 8.4

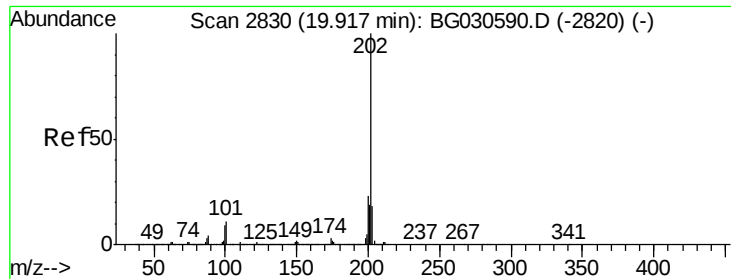


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.331 ng/ul

RT: 19.91 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG030604.D

Acq: 31 Oct 2017 7:15

Instrument :

BNA_G

ClientSampleId :

ESNF2

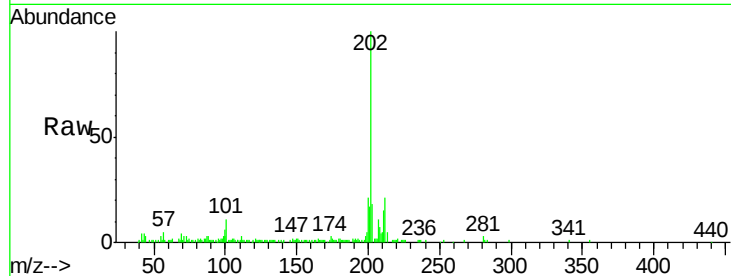
Tgt Ion:202 Resp: 49577

Ion Ratio Lower Upper

202 100

101 10.9 8.4 12.6

100 6.4 7.0 10.6#

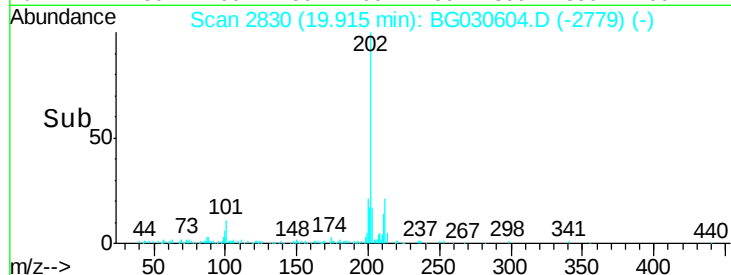


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



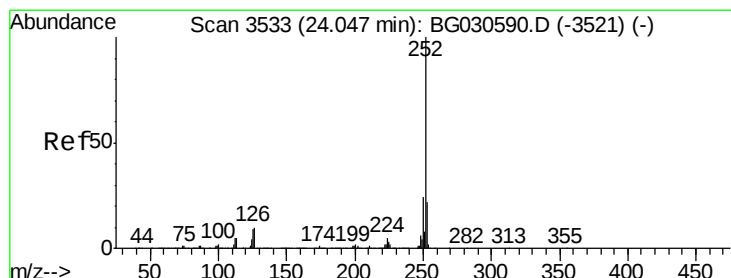
Abundance

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

Time-->



#85

Benzo(b)fluoranthene

Concen: 1.194 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BG030604.D

Acq: 31 Oct 2017 7:15

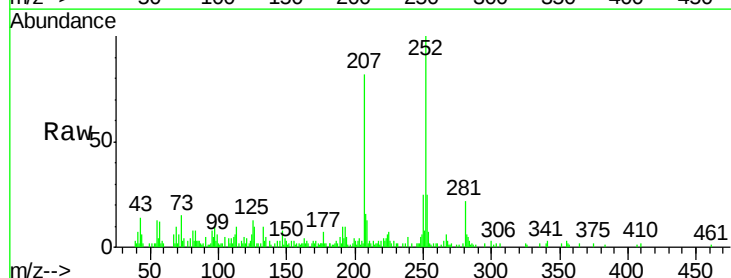
Tgt Ion:252 Resp: 39699

Ion Ratio Lower Upper

252 100

253 24.8 17.0 25.4

125 12.7 7.5 11.3#

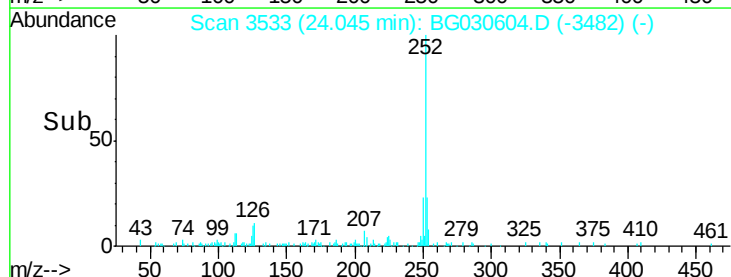


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



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

Time-->