

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023629.D
 Acq On : 11 Aug 2016 16:35
 Operator : UM/SJ
 Sample : H4362-02DL 30X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-3642-01DL

Quant Time: Aug 12 03:46:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 03:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	163127	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	794038	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	508978	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	981242	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1090432	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1099716	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	72	0.02	ng/uL	0.00
5) Phenol-d5	7.28	99	1906	0.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	1954	0.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	1528	0.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	677	0.05	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	752	0.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	116	0.02	ng/ul	0.07
26) 2,4-Dichlorophenol-d3	10.63	165	1423	0.10	ng/ul	0.06
29) 4-Chloroaniline-d4	11.07	131	140	0.01	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	12295	0.30	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	14580	0.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	125	0.02	ng/ul	0.00
57) Fluorene-d10	15.78	176	13533	0.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.77	200	304	0.05	ng/ul	-0.14
70) Anthracene-d10	17.65	188	19497	0.44	ng/ul	0.00
76) Pyrene-d10	19.94	212	18482	0.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	15400	0.31	ng/ul	0.00

Target Compounds

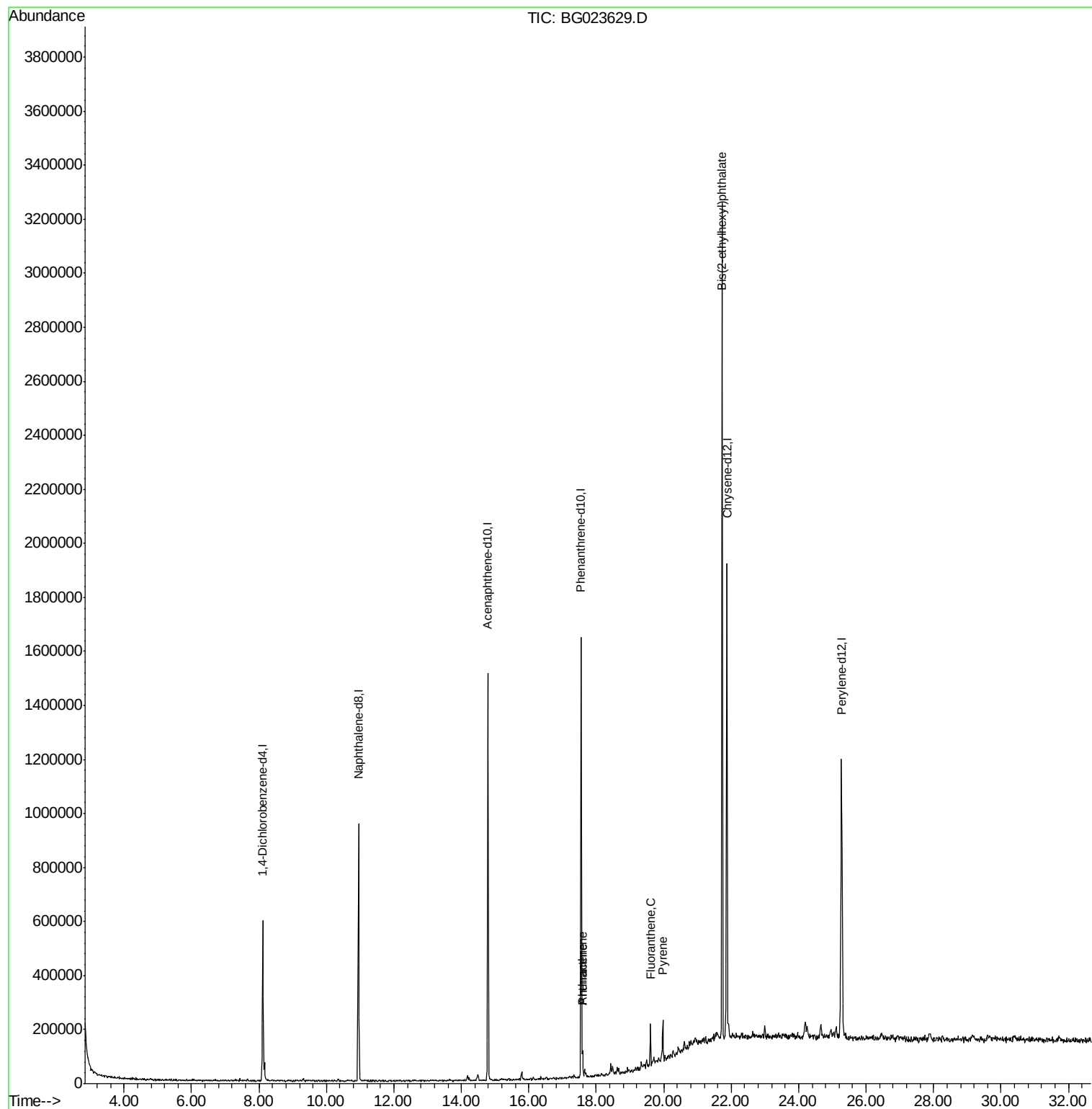
						Qvalue
69) Phenanthrene	17.59	178	56215	1.11	ng/ul	98
71) Anthracene	17.59	178	56215	1.08	ng/ul	99
74) Fluoranthene	19.61	202	88800	1.71	ng/ul#	90
77) Pyrene	19.97	202	94286	1.40	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.73	149	1261836	36.70	ng/ul#	96

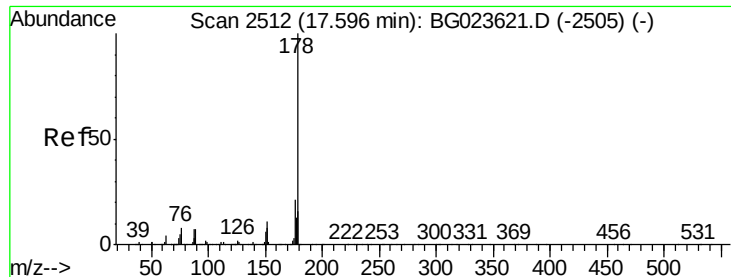
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 1.11 ng/ul

RT: 17.59 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG023629.D

Acq: 11 Aug 2016 16:35

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-3642-01DL

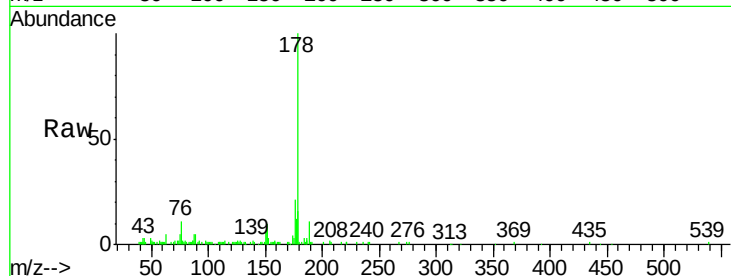
Tgt Ion:178 Resp: 56215

Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

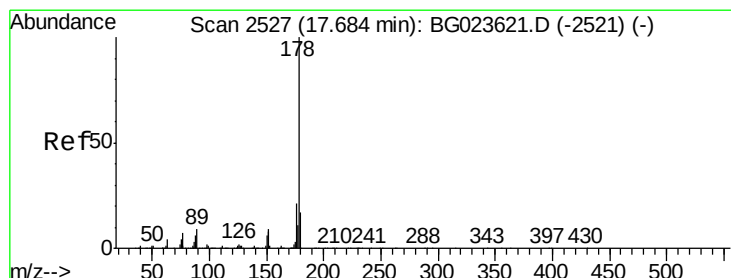
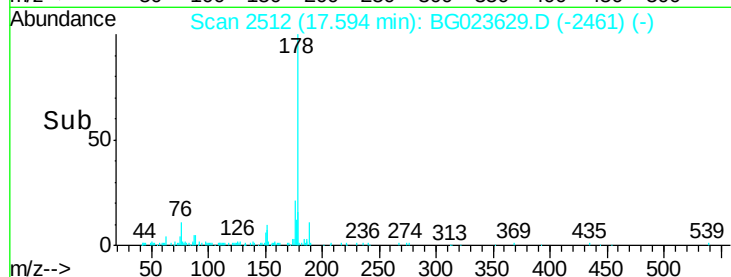
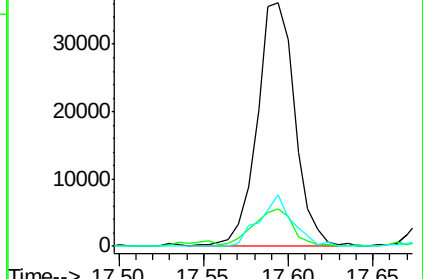
176 21.1 15.8 23.8



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



#71

Anthracene

Concen: 1.08 ng/ul

RT: 17.59 min Scan# 2512

Delta R.T. -0.09 min

Lab File: BG023629.D

Acq: 11 Aug 2016 16:35

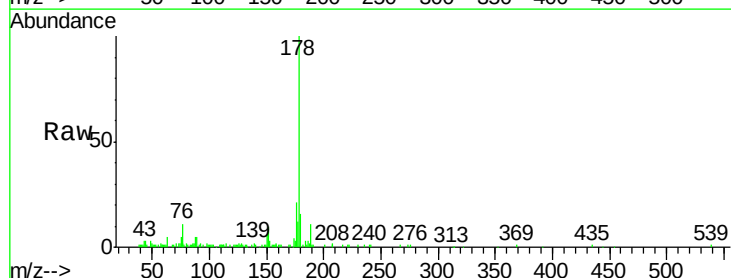
Tgt Ion:178 Resp: 56215

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

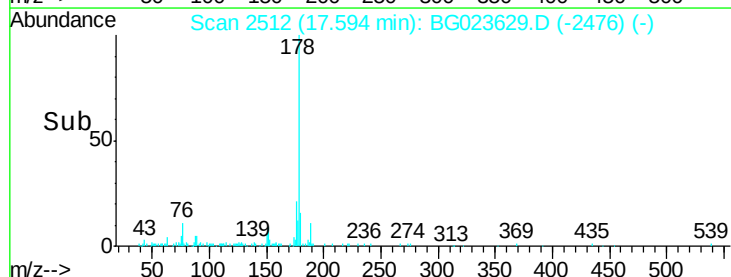
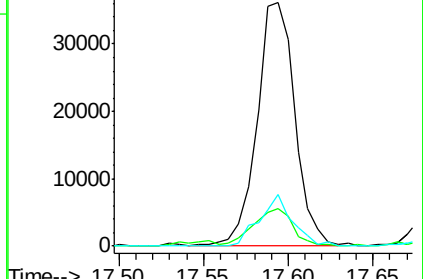
176 21.1 16.3 24.5

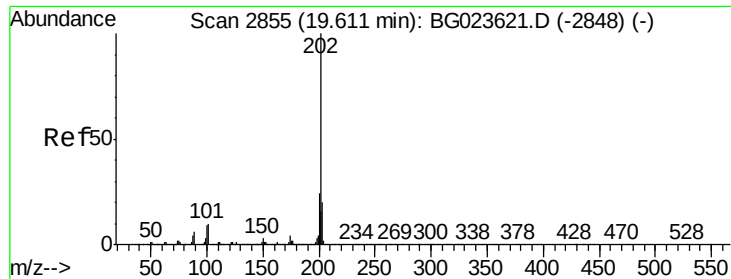


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.71 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG023629.D

Acq: 11 Aug 2016 16:35

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-3642-01DL

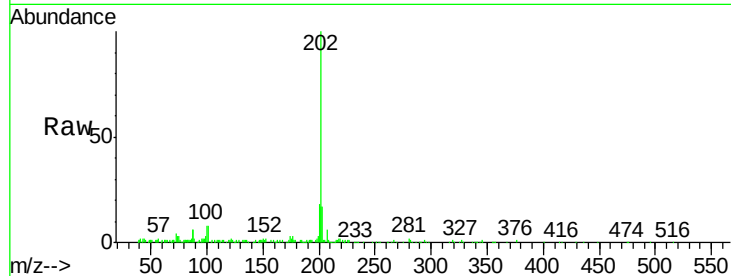
Tgt Ion:202 Resp: 88800

Ion Ratio Lower Upper

202 100

101 8.4 10.6 16.0#

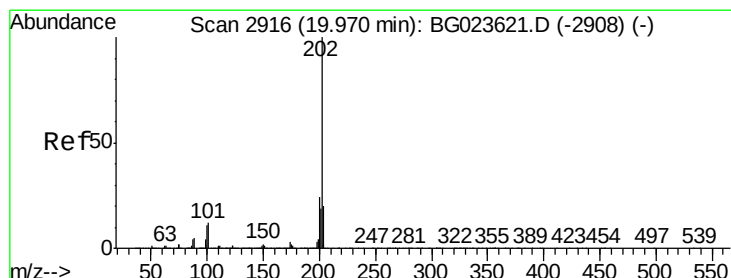
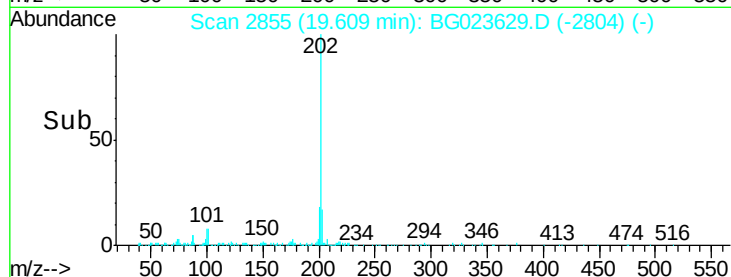
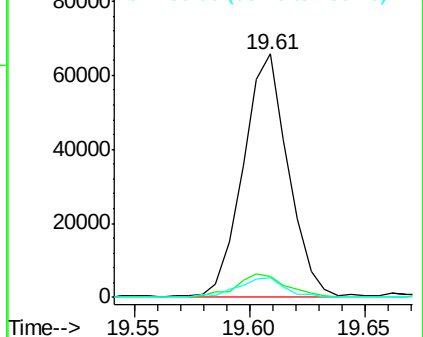
100 8.0 8.7 13.1#



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



#77

Pyrene

Concen: 1.40 ng/ul

RT: 19.97 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG023629.D

Acq: 11 Aug 2016 16:35

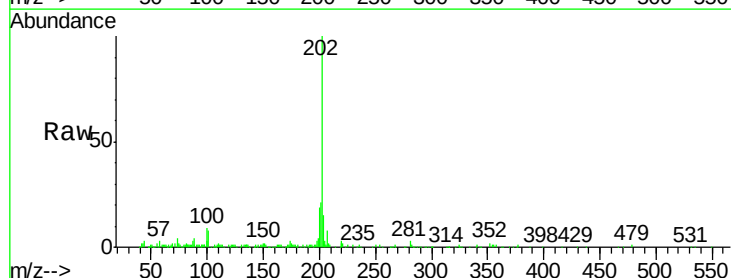
Tgt Ion:202 Resp: 94286

Ion Ratio Lower Upper

202 100

101 8.5 12.5 18.7#

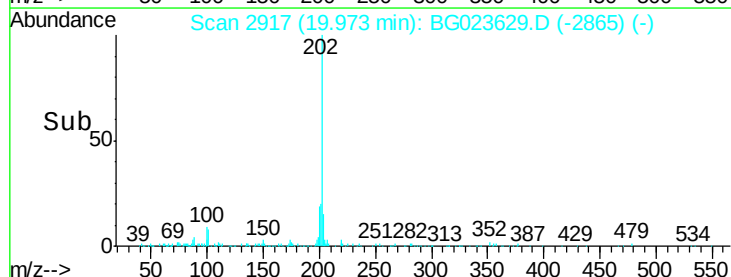
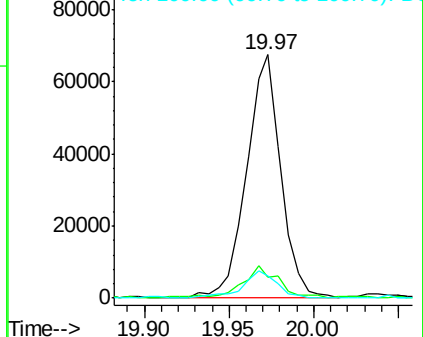
100 8.9 10.2 15.4#

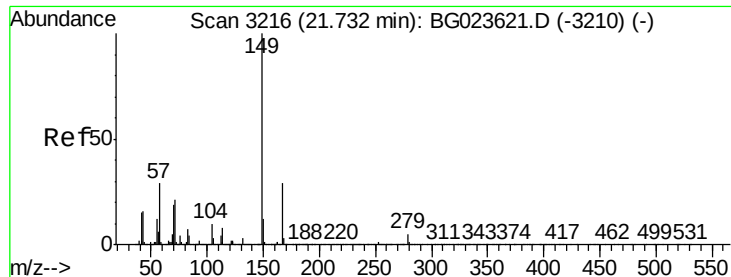


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 36.70 ng/ul
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG023629.D
 Acq: 11 Aug 2016 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-3642-01DL

Tgt Ion:149 Resp: 1261836
 Ion Ratio Lower Upper
 149 100
 167 29.2 21.9 32.9
 279 5.1 2.9 4.3#

