

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028276.D
 Acq On : 11 Aug 2017 2:37
 Operator : SJ/JU
 Sample : I4504-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG4

Quant Time: Aug 11 04:19:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 04:08:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	56122	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	249369	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	177033	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	430827	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	468347	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	460355	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3071	2.55	ng/uL	0.00
5) Phenol-d5	7.50	99	67225	10.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	43701	11.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	50670	13.03	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	58881	11.43	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	24202	12.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	29383	13.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	57047	12.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	55801	11.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	204784	13.01	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	226642	12.77	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	17931	7.16	ng/ul	0.00
57) Fluorene-d10	15.95	176	172130	12.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	23435	8.37	ng/ul	0.00
70) Anthracene-d10	17.81	188	273427	13.24	ng/ul	0.00
76) Pyrene-d10	20.08	212	313119	13.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	280617	13.02	ng/ul	0.00

Target Compounds

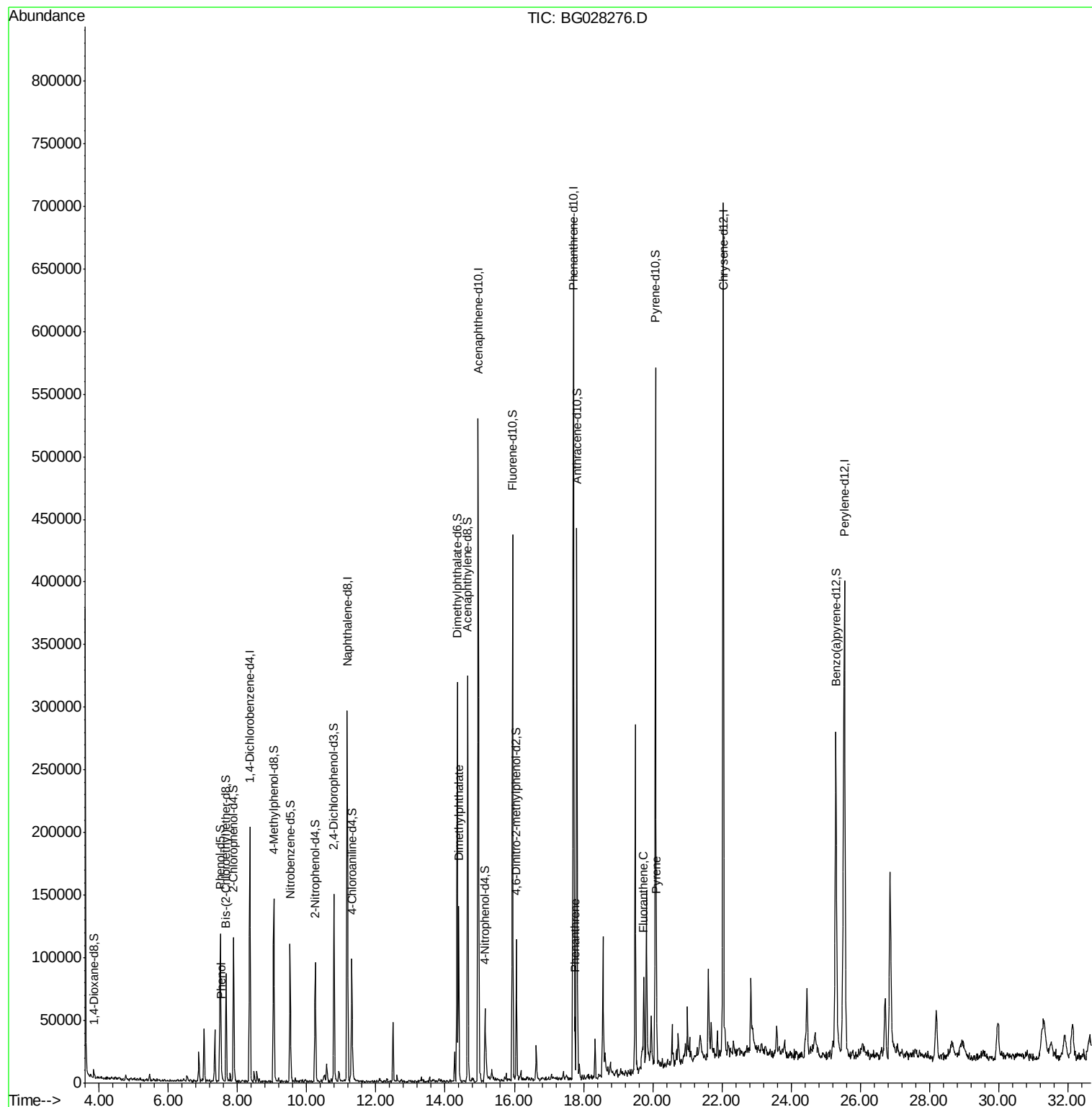
				Ovalue	
6) Phenol	7.53	94	6856	1.119	ng/ul# 74
44) Dimethylphthalate	14.39	163	86187	5.945	ng/ul 98
69) Phenanthrene	17.75	178	30625	1.412	ng/ul# 91
74) Fluoranthene	19.74	202	43243	1.641	ng/ul# 98
77) Pyrene	20.11	202	34657	1.240	ng/ul# 93

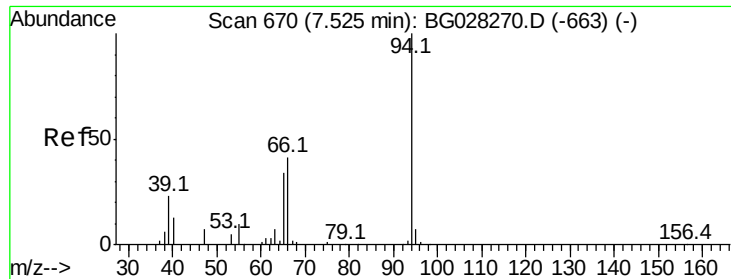
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.119 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG028276.D

Acq: 11 Aug 2017 2:37

Instrument :

BNA_G

ClientSampleId :

C0AG4

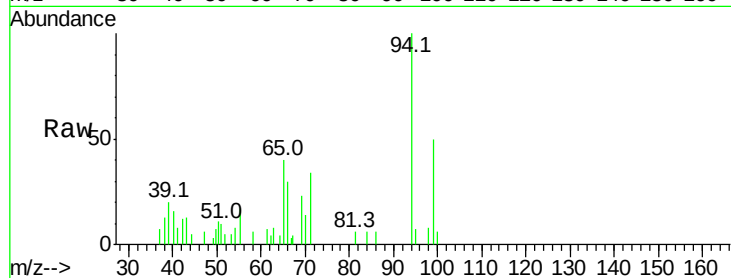
Tot Ion: 94 Resp: 6856

Ion Ratio Lower Upper

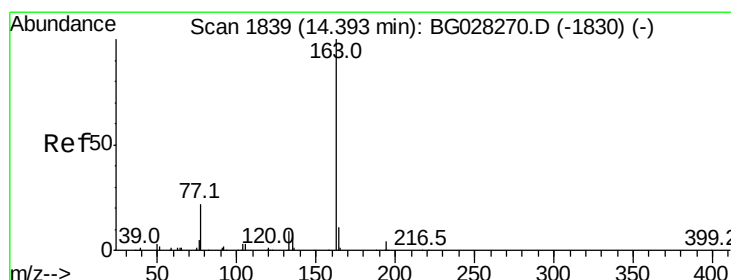
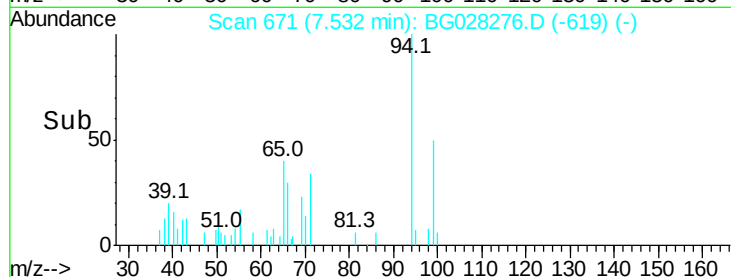
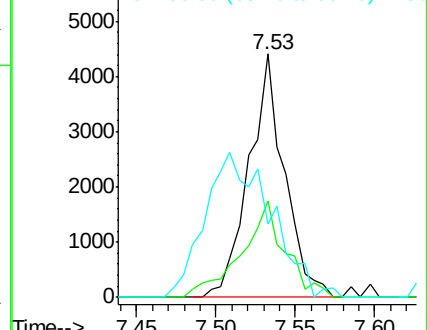
94 100

65 39.8 26.8 40.2

66 30.3 44.4 66.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 5.945 ng/ul

RT: 14.39 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BG028276.D

Acq: 11 Aug 2017 2:37

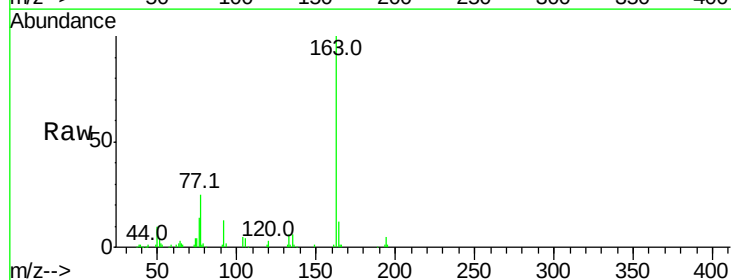
Tgt Ion:163 Resp: 86187

Ion Ratio Lower Upper

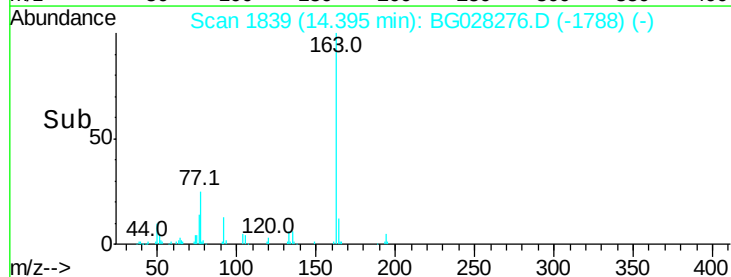
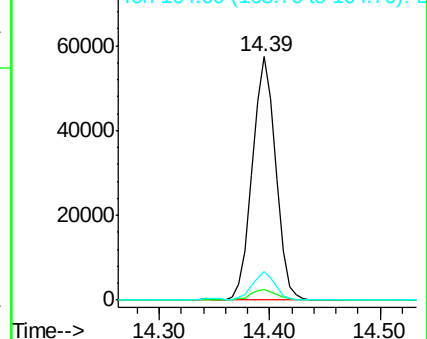
163 100

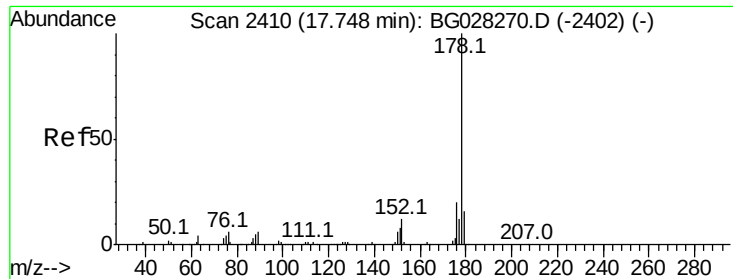
194 4.6 3.4 5.0

164 11.8 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.412 ng/ul

RT: 17.75 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG028276.D

Acq: 11 Aug 2017 2:37

Instrument :

BNA_G

ClientSampleId :

C0AG4

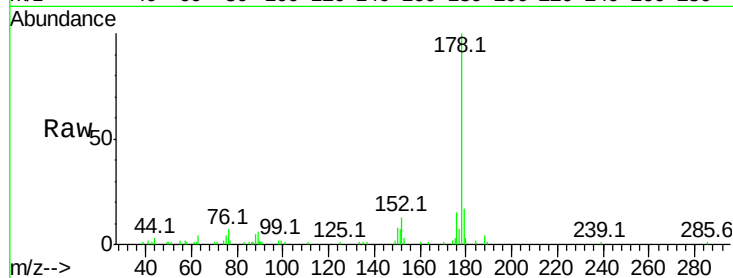
Tot Ion:178 Resp: 30625

Ion Ratio Lower Upper

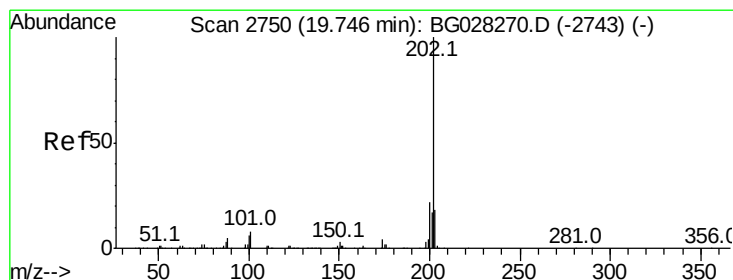
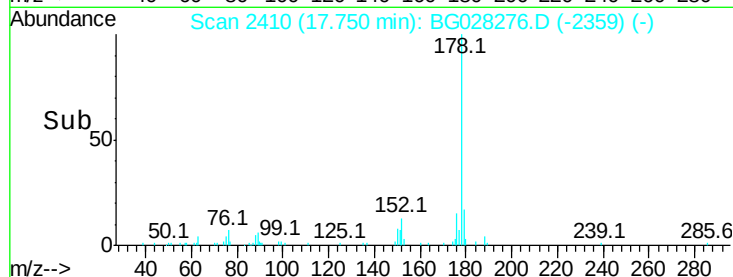
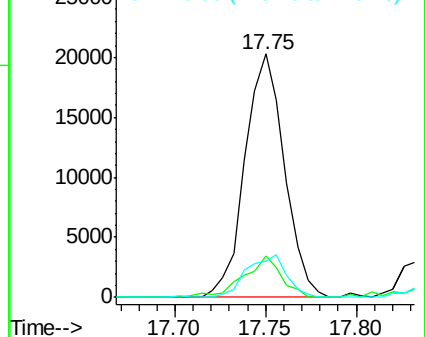
178 100

179 17.2 12.4 18.6

176 15.1 16.5 24.7#



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



#74

Fluoranthene

Concen: 1.641 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG028276.D

Acq: 11 Aug 2017 2:37

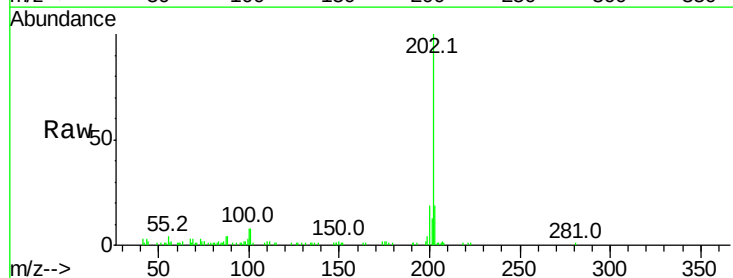
Tgt Ion:202 Resp: 43243

Ion Ratio Lower Upper

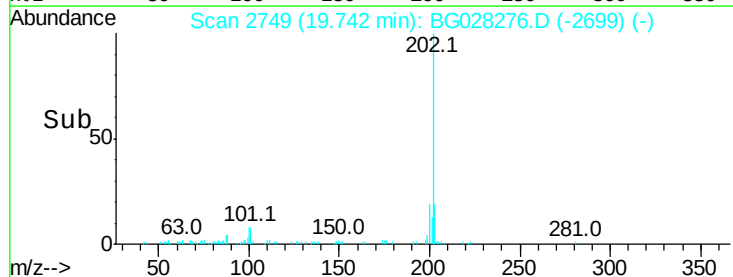
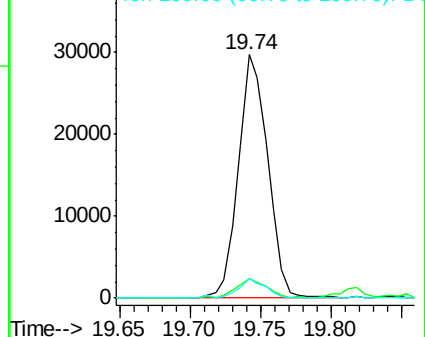
202 100

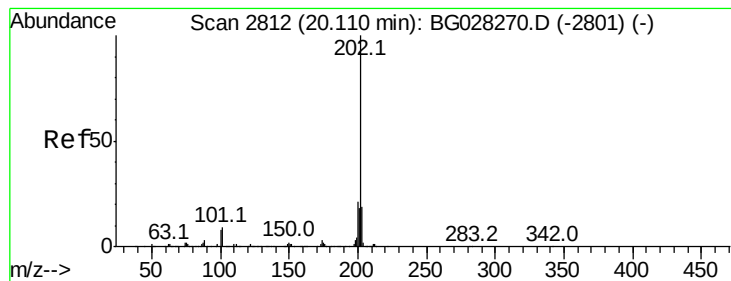
101 7.9 6.2 9.2

100 8.0 5.2 7.8#



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

Pvrene

Concen: 1.240 ng/ul

RT: 20.11 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG028276.D

Acq: 11 Aug 2017 2:37

Instrument :

BNA_G

ClientSampleId :

C0AG4

Tot Ion:202 Resp: 34657

Ion Ratio Lower Upper

202 100

101 11.3 6.9 10.3#

100 5.9 6.6 10.0#

