

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
 Data File : BG028350.D
 Acq On : 15 Aug 2017 19:20
 Operator : SJ/JU
 Sample : I4672-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ3

Quant Time: Aug 16 01:27:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 01:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	42985	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	199653	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	149705	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	353681	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	378728	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	333535	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3452	3.74	ng/uL	0.00
5) Phenol-d5	7.52	99	71469	15.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	43435	14.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	50251	16.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	55843	14.15	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	26814	17.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	34034	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	60866	17.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	71530	18.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	225713	16.95	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	258562	17.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	26104	12.33	ng/ul	0.00
57) Fluorene-d10	15.95	176	199132	16.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	36041	15.69	ng/ul	0.00
70) Anthracene-d10	17.72	188	353681	20.85	ng/ul	-0.10
76) Pyrene-d10	20.09	212	359633	18.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.47	264	636	0.04	ng/ul	0.15

Target Compounds

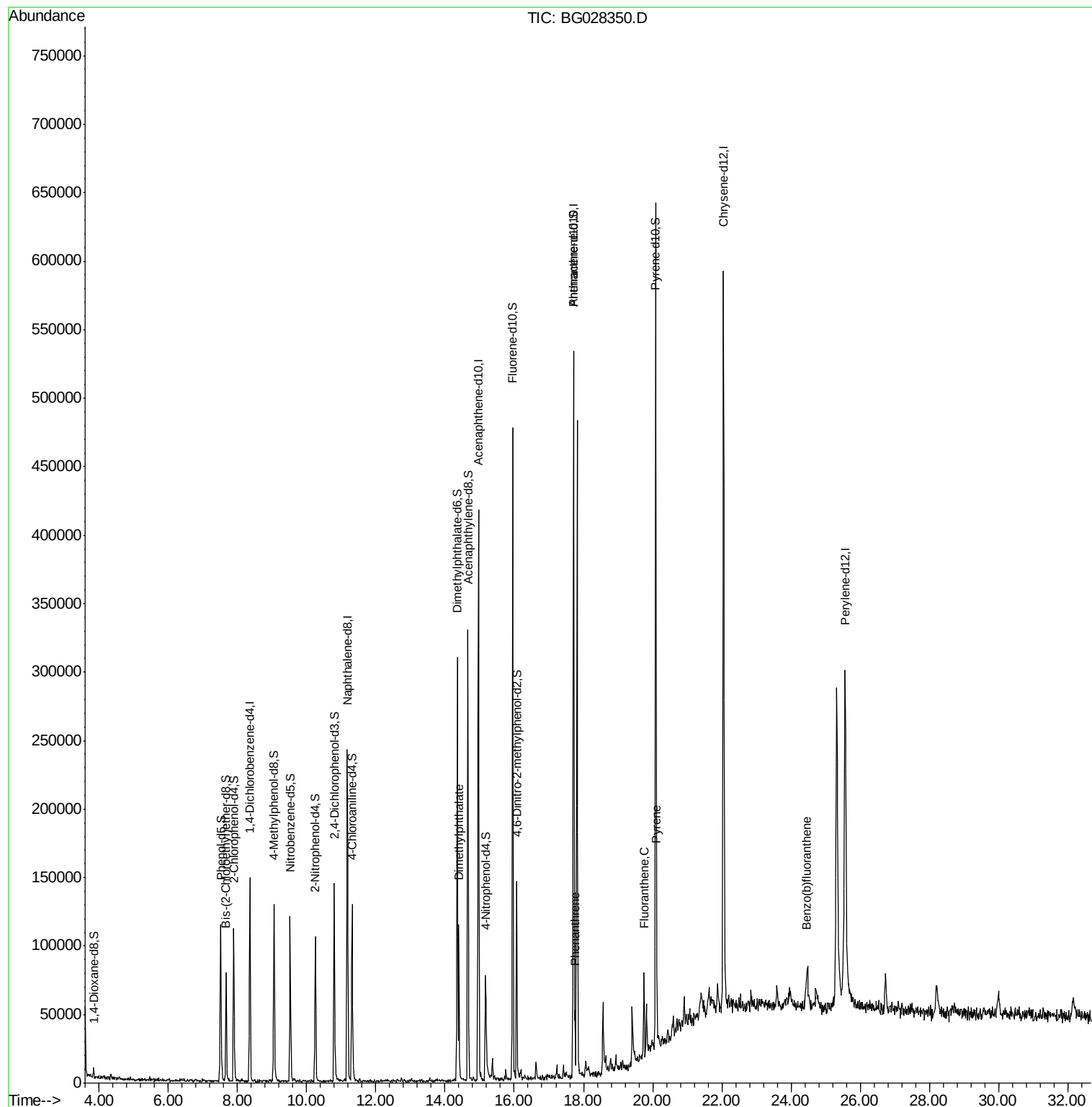
					Ovalue
44) Dimethylphthalate	14.40	163	72500	5.914	ng/ul# 96
69) Phenanthrene	17.76	178	26651	1.497	ng/ul 95
74) Fluoranthene	19.75	202	39139	1.809	ng/ul# 97
77) Pyrene	20.11	202	33483	1.482	ng/ul 99
85) Benzo(b)fluoranthene	24.45	252	22354	1.120	ng/ul# 97

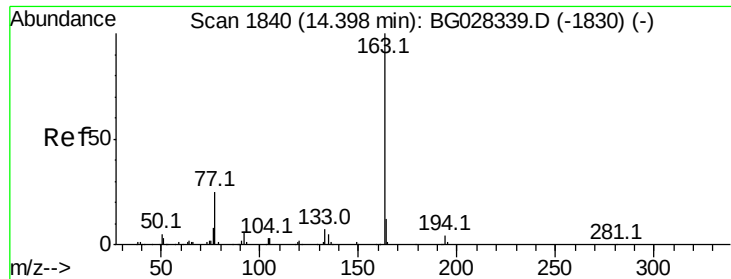
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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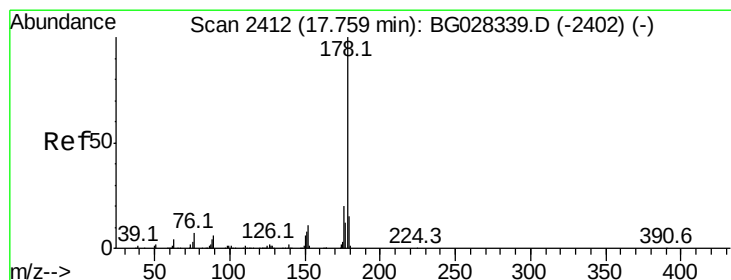
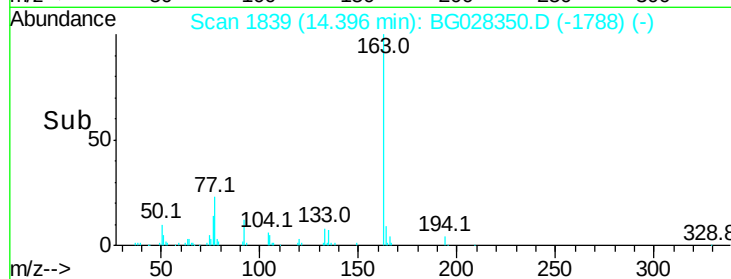
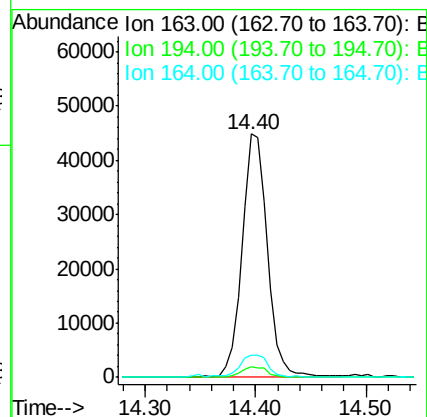
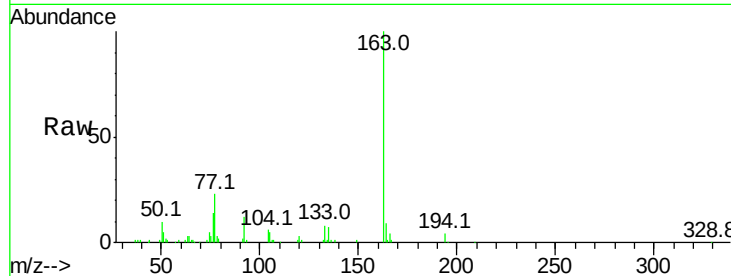




#44
Dimethylphthalate
Concen: 5.914 ng/ul
RT: 14.40 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG028350.D
Acq: 15 Aug 2017 19:20

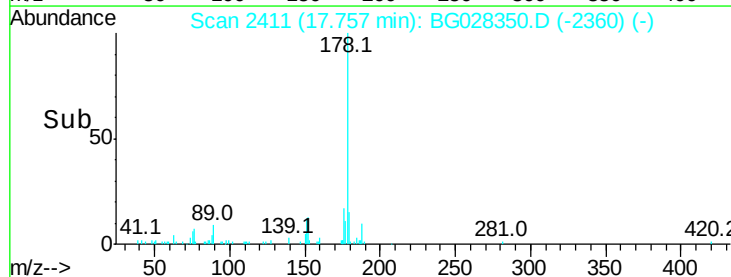
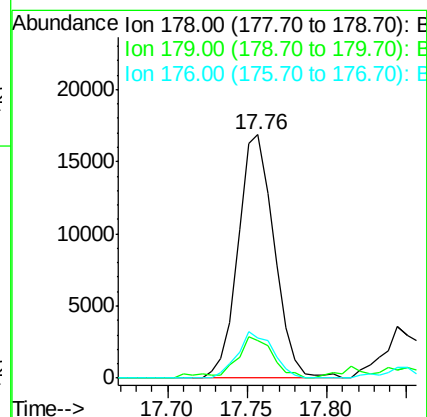
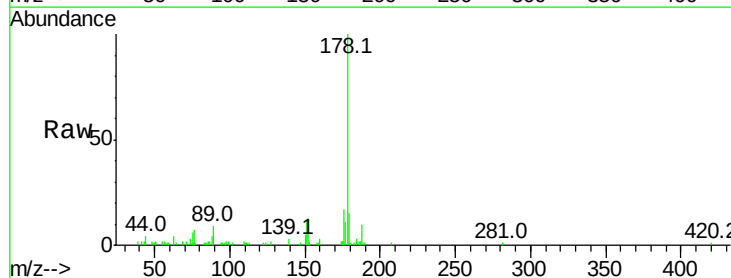
Instrument :
BNA_G
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C0AJ3

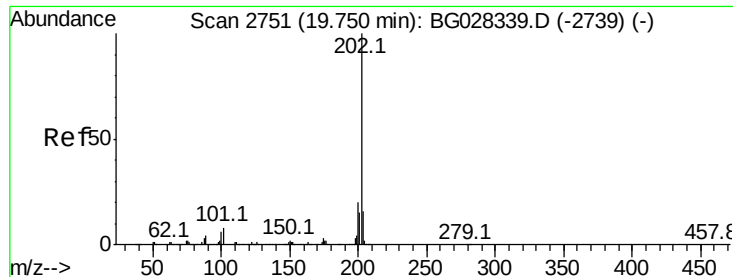
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	8.9	9.0	13.4#



#69
Phenanthrene
Concen: 1.497 ng/ul
RT: 17.76 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG028350.D
Acq: 15 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	16.6	16.5	24.7





#74

Fluoranthene

Concen: 1.809 ng/ul

RT: 19.75 min Scan# 2751

Delta R.T. 0.00 min

Lab File: BG028350.D

Acq: 15 Aug 2017 19:20

Instrument :

BNA_G

ClientSampleId :

C0AJ3

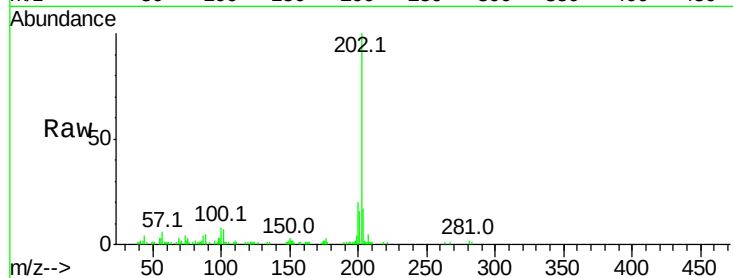
Tot Ion:202 Resp: 39139

Ion Ratio Lower Upper

202 100

101 7.0 6.2 9.2

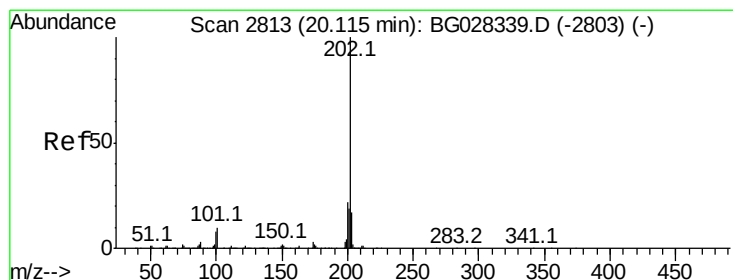
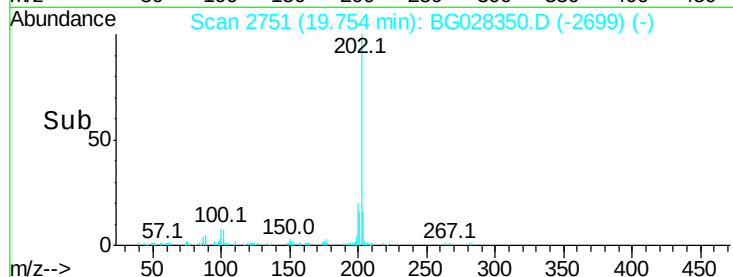
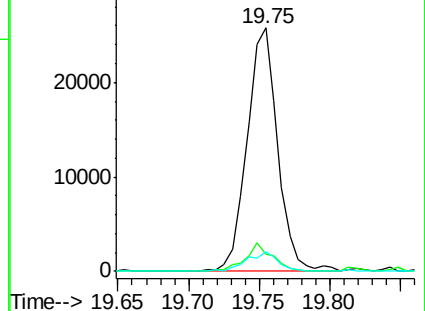
100 8.0 5.2 7.8#



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

Pyrene

Concen: 1.482 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG028350.D

Acq: 15 Aug 2017 19:20

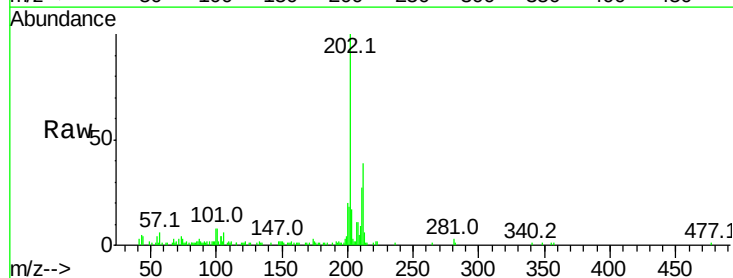
Tgt Ion:202 Resp: 33483

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

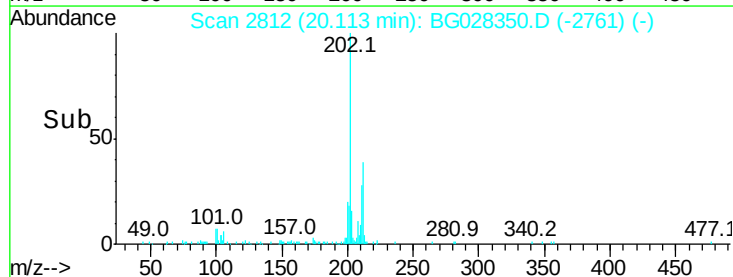
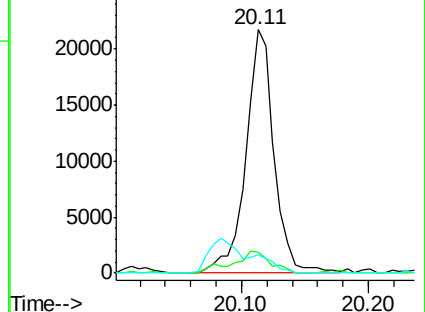
100 7.8 6.6 10.0

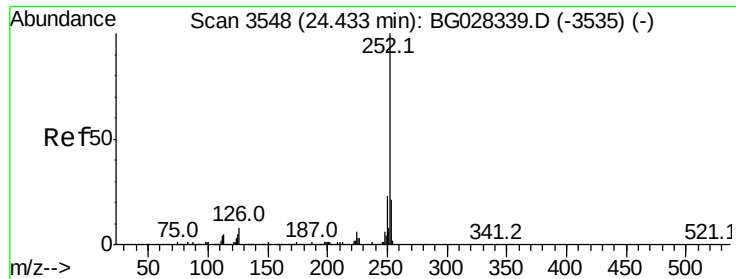


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.120 ng/ul

RT: 24.45 min Scan# 3550

Delta R.T. 0.02 min

Lab File: BG028350.D

Acq: 15 Aug 2017 19:20

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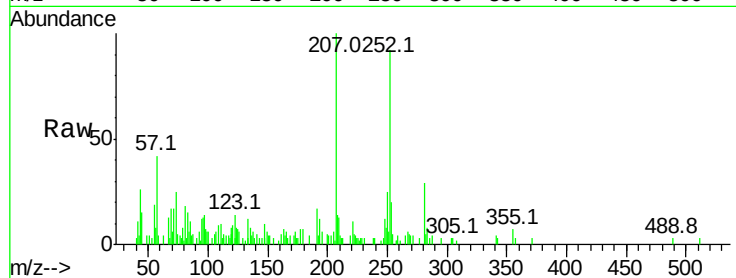
Tot Ion:252 Resp: 22354

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 7.9 4.0 6.0#



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

