

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
 Data File : BG028355.D
 Acq On : 15 Aug 2017 22:39
 Operator : SJ/JU
 Sample : I4672-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG9

Quant Time: Aug 16 04:07:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 04:06:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	36149	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	174865	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	132669	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	329870	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	361193	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	333939	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	2269	2.92	ng/uL	0.00
5) Phenol-d5	7.51	99	74394	18.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	44254	17.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	53278	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	55789	16.81	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	28424	20.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	32129	21.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	64519	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	44987	13.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	248794	21.08	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	281965	21.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	36100	19.24	ng/ul	0.00
57) Fluorene-d10	15.95	176	215864	20.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	43385	20.25	ng/ul	0.00
70) Anthracene-d10	17.81	188	355326	22.46	ng/ul	0.00
76) Pyrene-d10	20.09	212	434540	23.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	379556	24.28	ng/ul	0.00

Target Compounds

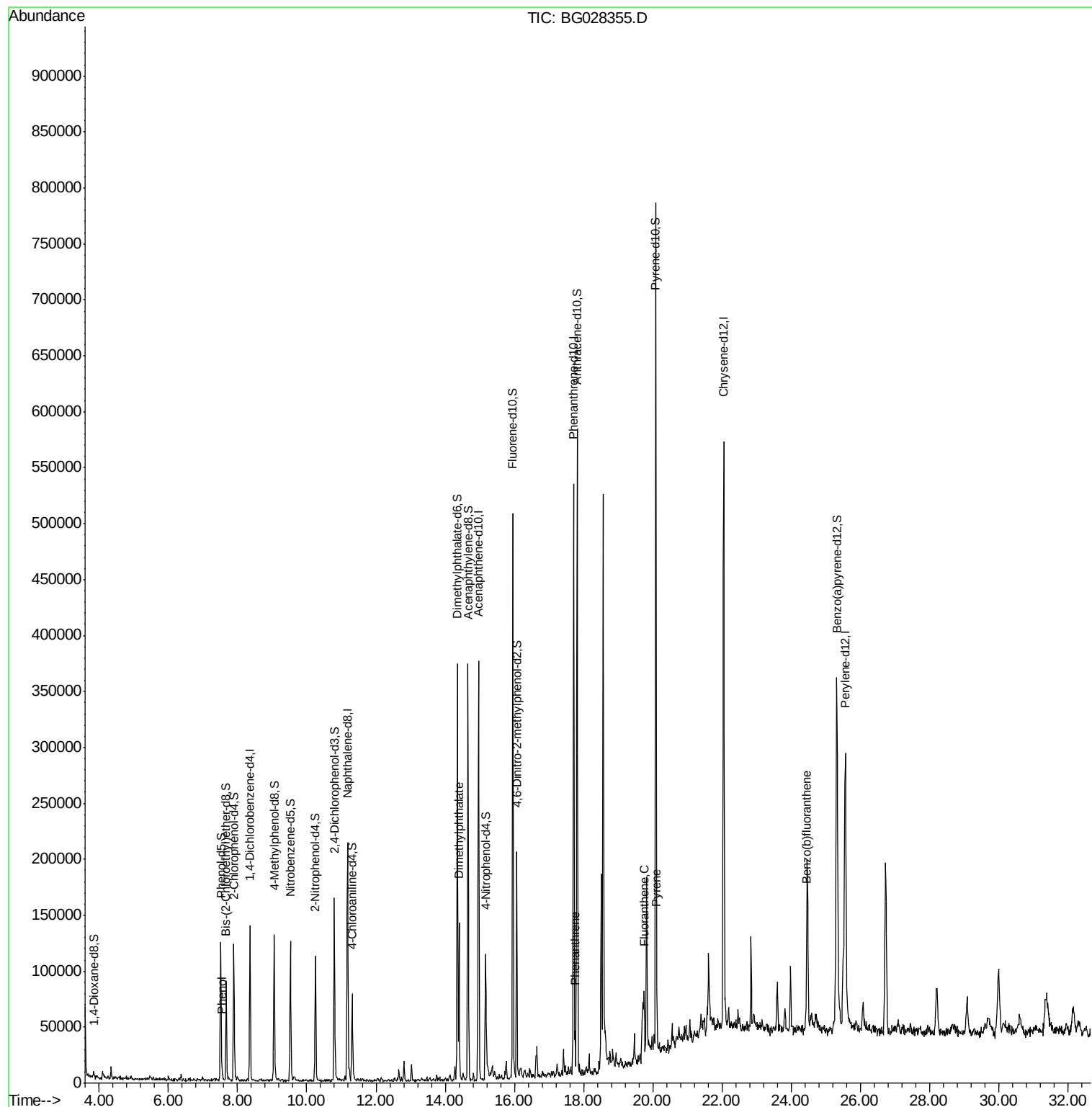
				Ovalue	
6) Phenol	7.55	94	4328	1.097	ng/ul 88
44) Dimethylphthalate	14.40	163	82147	7.561	ng/ul 100
69) Phenanthrene	17.75	178	21082	1.270	ng/ul# 91
74) Fluoranthene	19.75	202	31270	1.550	ng/ul# 97
77) Pyrene	20.12	202	28578	1.326	ng/ul 100
85) Benzo(b)fluoranthene	24.45	252	21116	1.057	ng/ul# 89

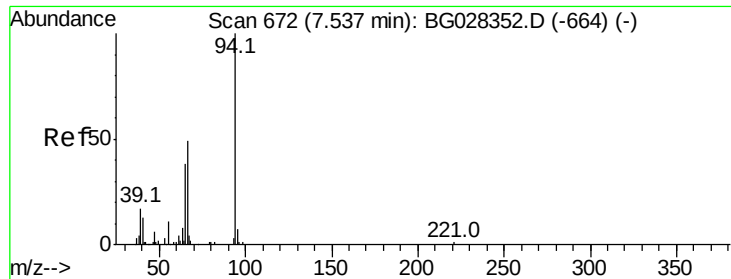
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.097 ng/ul

RT: 7.55 min Scan# 674

Delta R.T. 0.01 min

Lab File: BG028355.D

Acq: 15 Aug 2017 22:39

Instrument :

BNA_G

ClientSampleId :

C0AG9

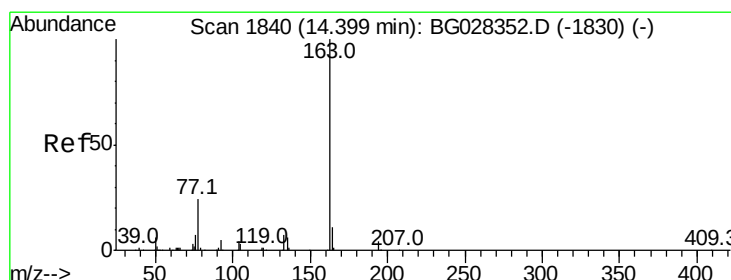
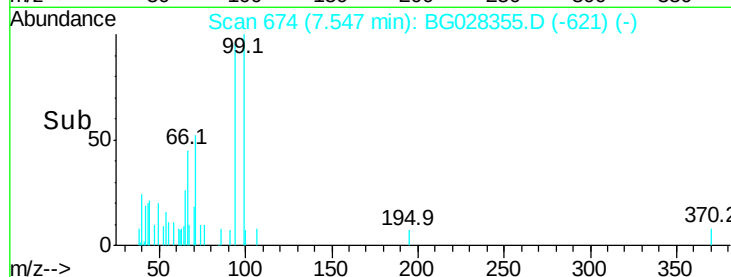
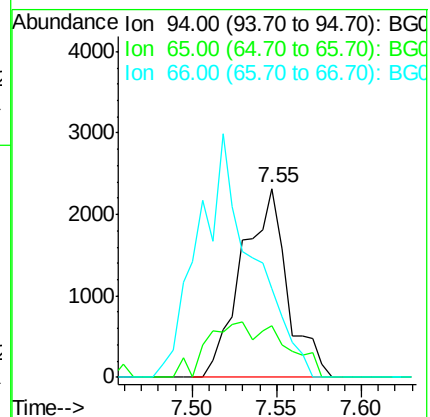
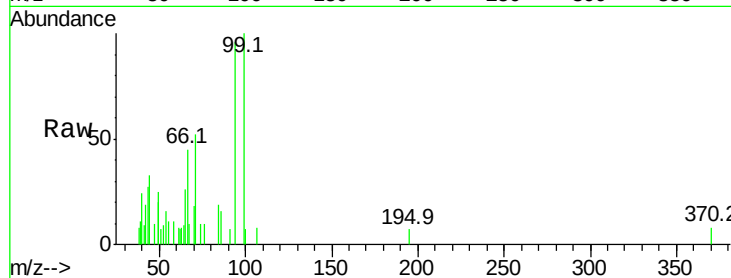
Tot Ion: 94 Resp: 4328

Ion Ratio Lower Upper

94 100

65 27.1 26.8 40.2

66 46.7 44.4 66.6



#44

Dimethylphthalate

Concen: 7.561 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG028355.D

Acq: 15 Aug 2017 22:39

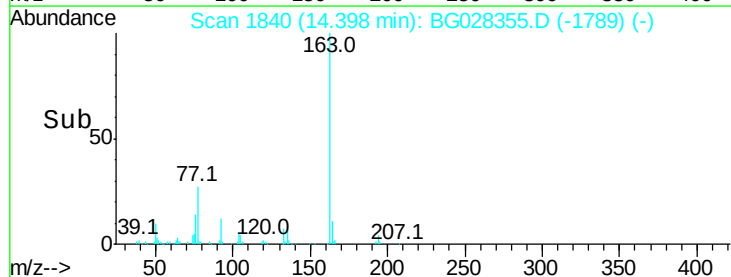
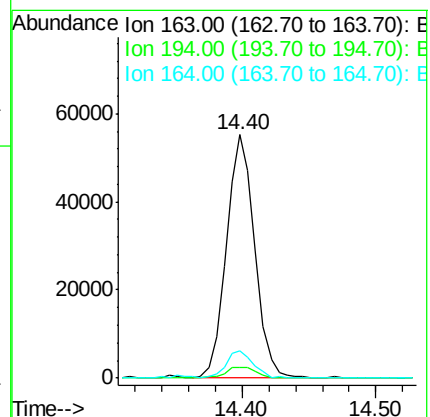
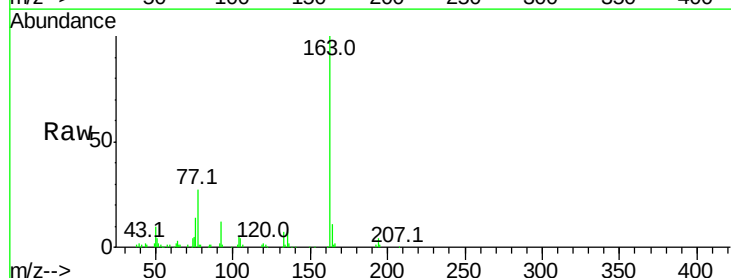
Tgt Ion:163 Resp: 82147

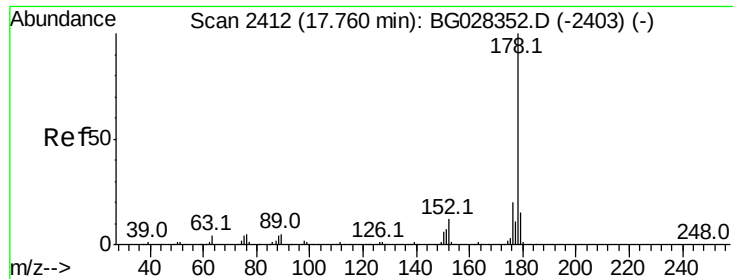
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 11.0 9.0 13.4





#69

Phenanthrene

Concen: 1.270 ng/ul

RT: 17.75 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG028355.D

Acq: 15 Aug 2017 22:39

Instrument :

BNA_G

ClientSampleId :

C0AG9

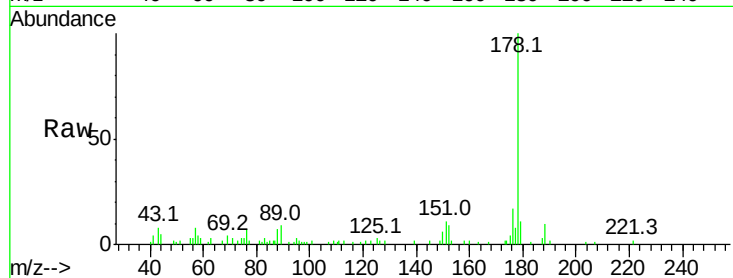
Tot Ion:178 Resp: 21082

Ion Ratio Lower Upper

178 100

179 10.6 12.4 18.6#

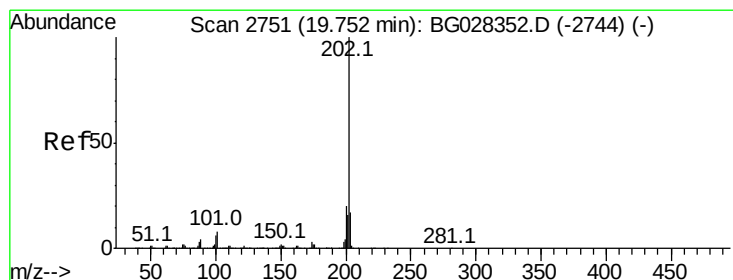
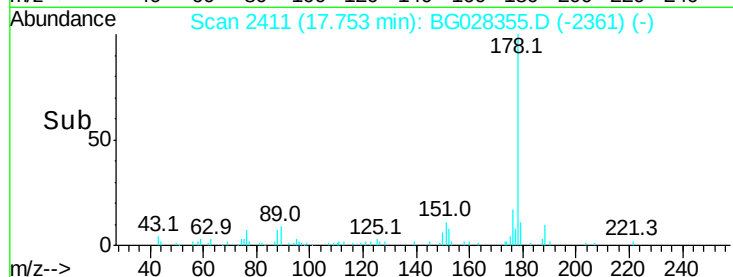
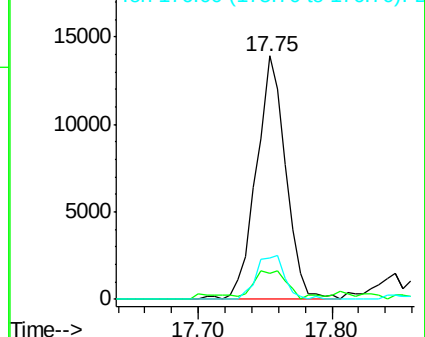
176 17.0 16.5 24.7



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: 1.550 ng/ul

RT: 19.75 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BG028355.D

Acq: 15 Aug 2017 22:39

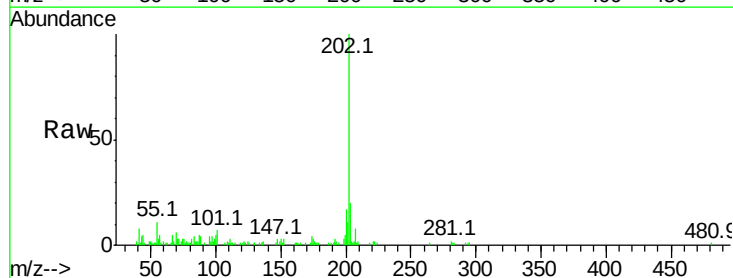
Tgt Ion:202 Resp: 31270

Ion Ratio Lower Upper

202 100

101 7.0 6.2 9.2

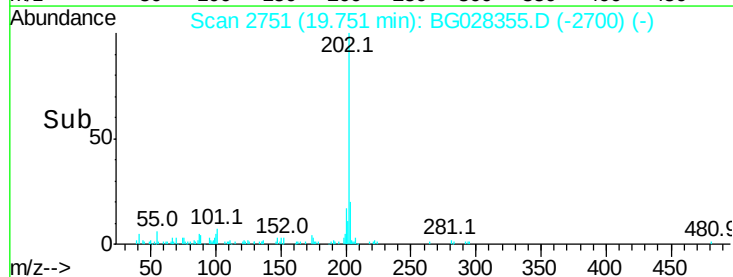
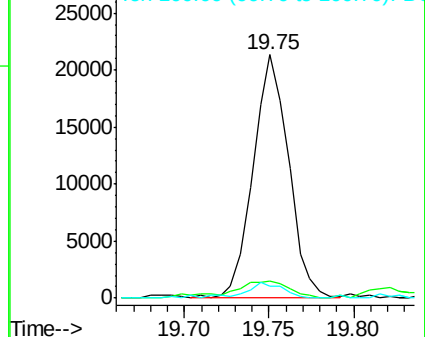
100 4.7 5.2 7.8#

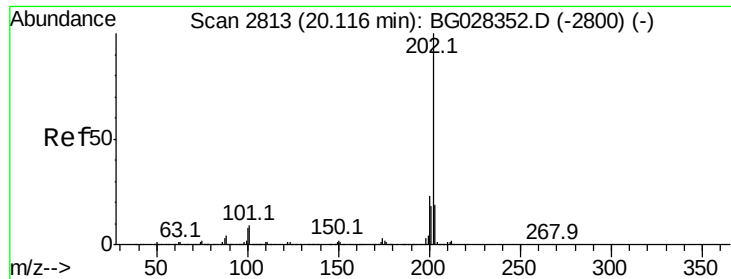


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.326 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG028355.D

Acq: 15 Aug 2017 22:39

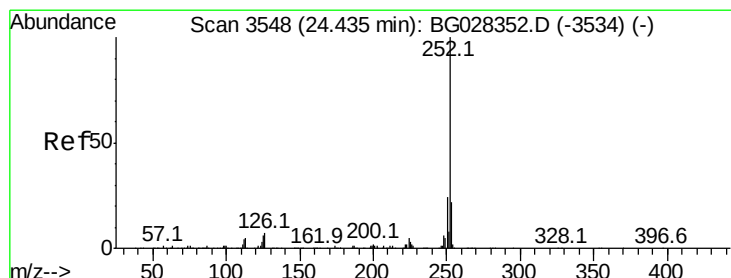
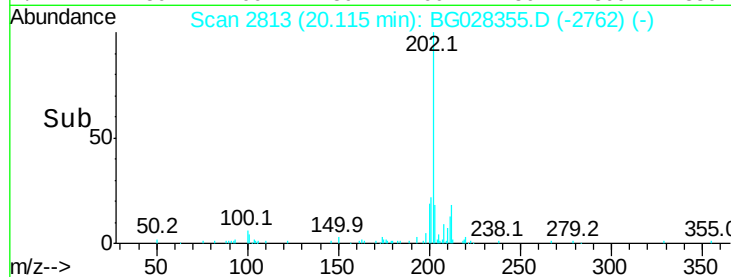
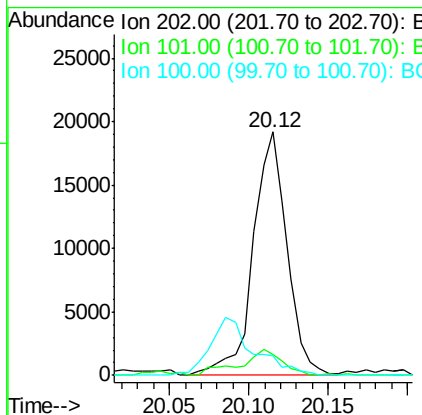
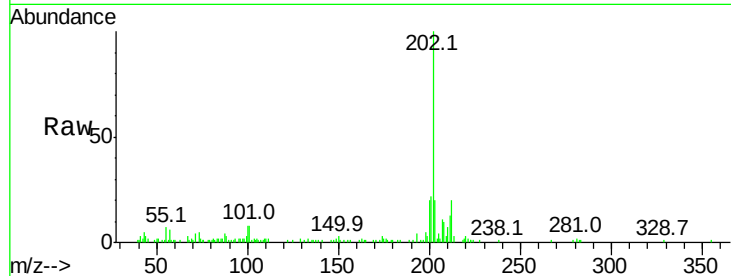
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Tot Ion:	202	Resp:	28578
Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.9	10.3
100	8.3	6.6	10.0



#85

Benzo(b)fluoranthene

Concen: 1.057 ng/ul

RT: 24.45 min Scan# 3550

Delta R.T. 0.01 min

Lab File: BG028355.D

Acq: 15 Aug 2017 22:39

Tgt Ion:	252	Resp:	21116
Ion	Ratio	Lower	Upper
252	100		
253	18.2	17.7	26.5
125	13.5	4.0	6.0#

