

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
 Data File : BG028122.D
 Acq On : 2 Aug 2017 23:56
 Operator : SJ/JU
 Sample : I4373-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA6

Quant Time: Aug 03 00:50:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 02 15:01:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	31304	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	151554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	119137	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	327036	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	329439	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	321490	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.86	96	2062	3.07	ng/uL	0.00
5) Phenol-d5	7.51	99	40963	11.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	34467	15.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	30954	14.27	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	34230	11.91	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	19300	16.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	22095	17.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	38862	14.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	49272	16.47	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	201393	19.01	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	207601	17.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	26820	15.92	ng/ul	0.00
57) Fluorene-d10	15.96	176	173807	18.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	33276	15.66	ng/ul	0.00
70) Anthracene-d10	17.82	188	310591	19.81	ng/ul	0.00
76) Pyrene-d10	20.09	212	396786	23.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	324772	21.58	ng/ul	0.00

Target Compounds

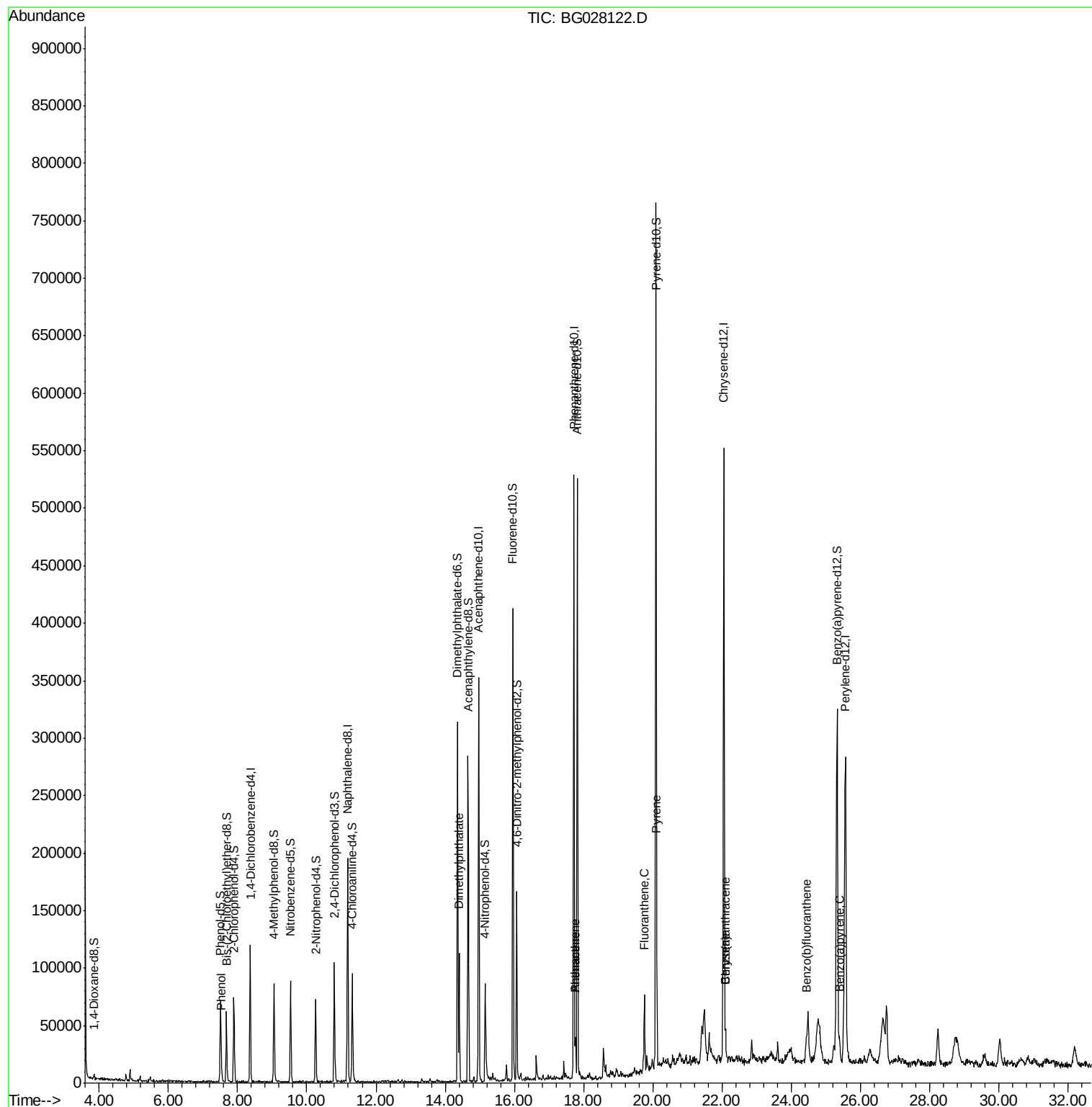
				Ovalue	
6) Phenol	7.54	94	5307	1.553	ng/ul# 75
44) Dimethylphthalate	14.40	163	65436	6.707	ng/ul 100
69) Phenanthrene	17.77	178	21522	1.308	ng/ul 97
71) Anthracene	17.77	178	21522	1.279	ng/ul 96
74) Fluoranthene	19.76	202	41482	2.074	ng/ul 98
77) Pyrene	20.12	202	36737	1.869	ng/ul 98
80) Benzo(a)anthracene	22.10	228	21462	1.128	ng/ul 94
82) Chrysene	22.10	228	21462	1.252	ng/ul 97
85) Benzo(b)fluoranthene	24.43	252	35213	1.830	ng/ul# 93
88) Benzo(a)pyrene	25.40	252	24058	1.292	ng/ul 98

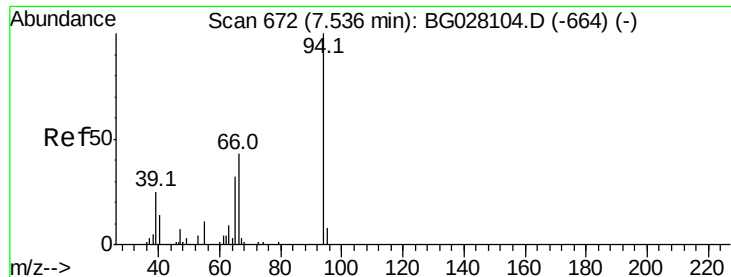
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.553 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG028122.D

Acq: 2 Aug 2017 23:56

Instrument :

BNA_G

ClientSampleId :

C0AA6

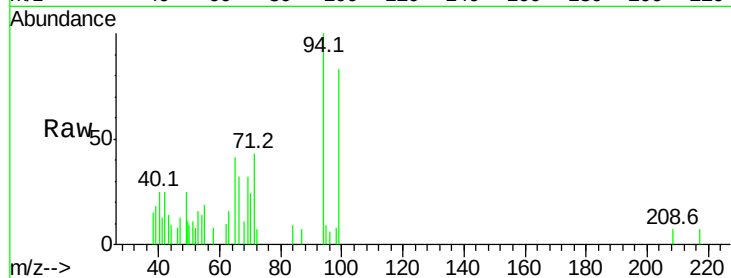
Tot Ion: 94 Resp: 5307

Ion Ratio Lower Upper

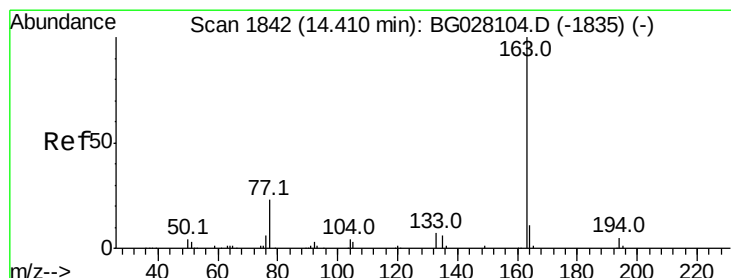
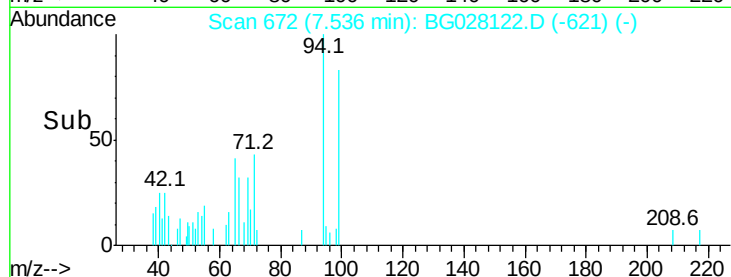
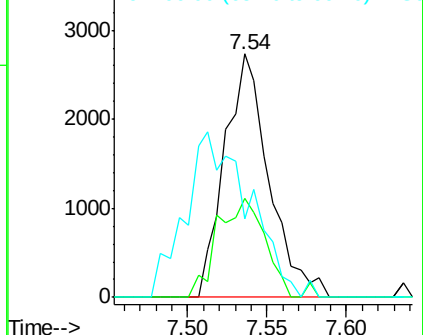
94 100

65 40.7 26.8 40.2#

66 32.3 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: 6.707 ng/ul

RT: 14.40 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BG028122.D

Acq: 2 Aug 2017 23:56

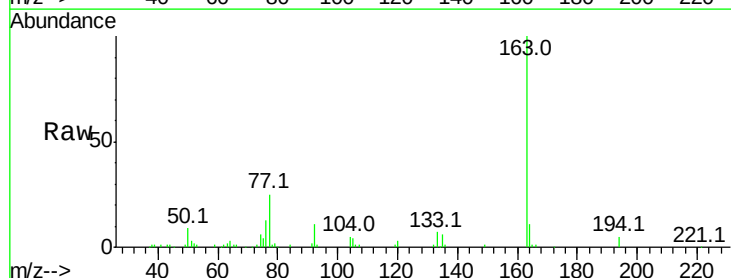
Tgt Ion:163 Resp: 65436

Ion Ratio Lower Upper

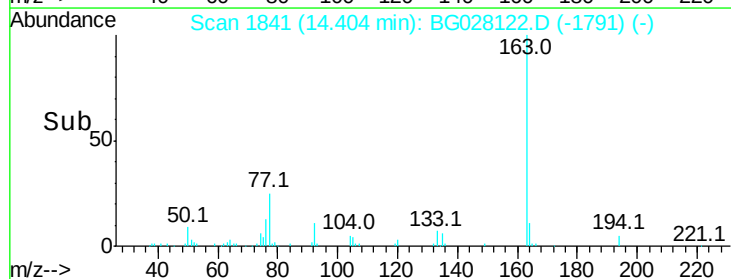
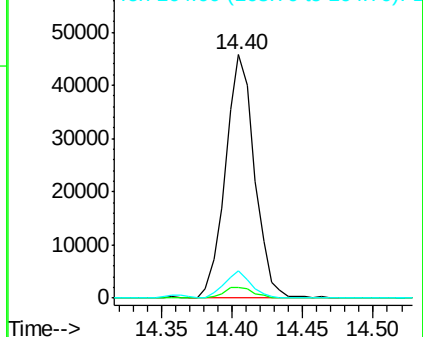
163 100

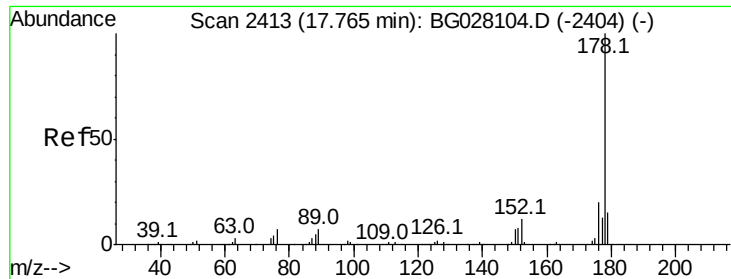
194 4.5 3.4 5.0

164 11.1 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: 1.308 ng/ul

RT: 17.77 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG028122.D

Acq: 2 Aug 2017 23:56

Instrument :

BNA_G

ClientSampleId :

C0AA6

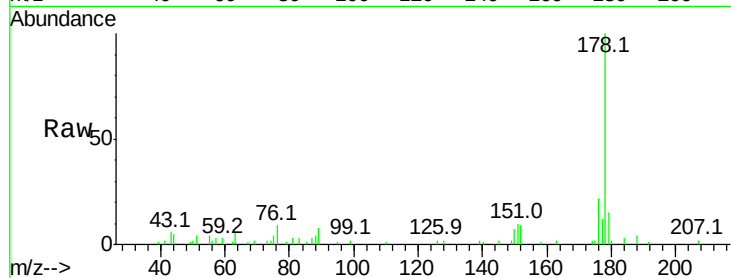
Tot Ion:178 Resp: 21522

Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

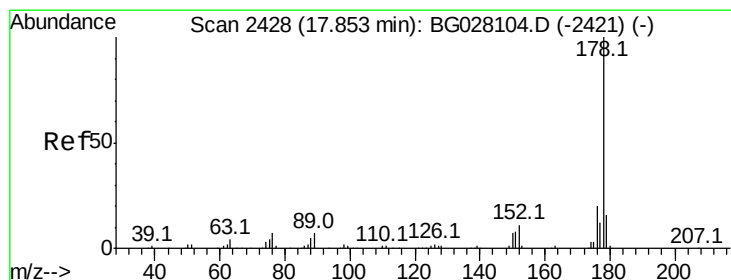
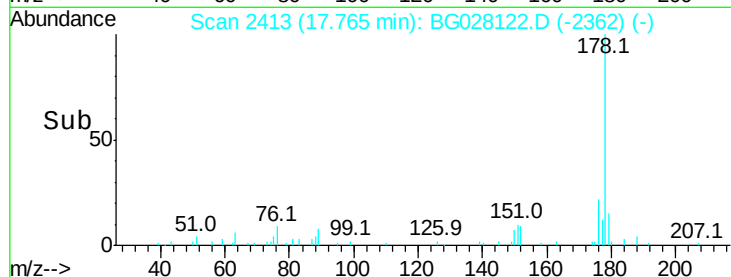
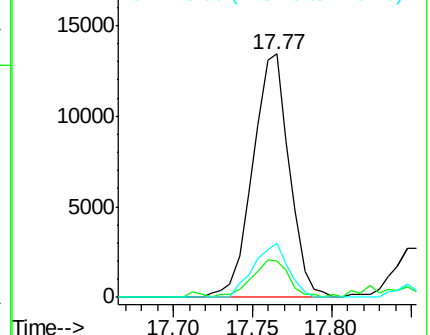
176 22.2 16.5 24.7



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



#71

Anthracene

Concen: 1.279 ng/ul

RT: 17.77 min Scan# 2413

Delta R.T. -0.09 min

Lab File: BG028122.D

Acq: 2 Aug 2017 23:56

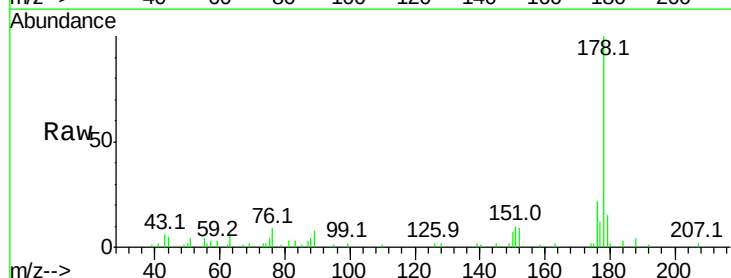
Tgt Ion:178 Resp: 21522

Ion Ratio Lower Upper

178 100

179 14.8 12.6 19.0

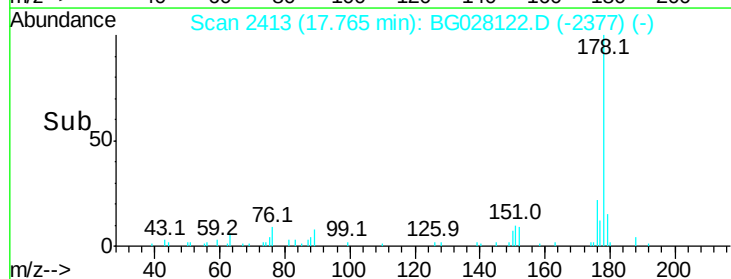
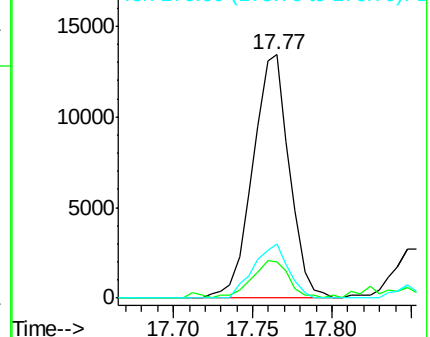
176 22.2 15.9 23.9

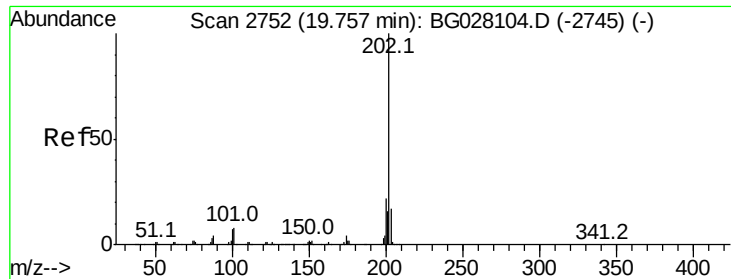


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

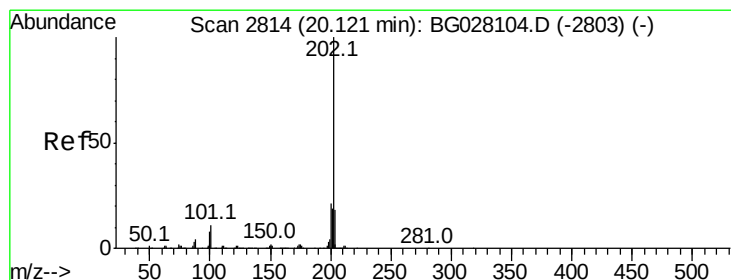
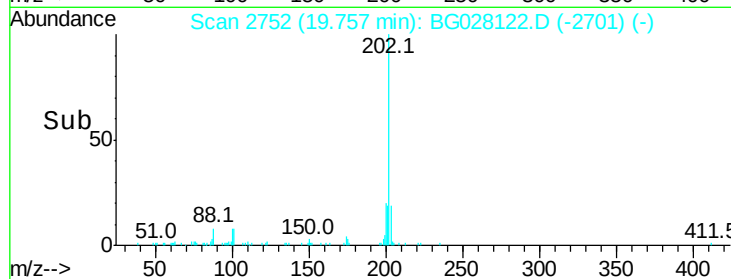
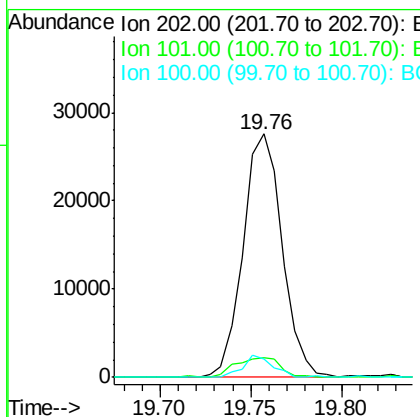
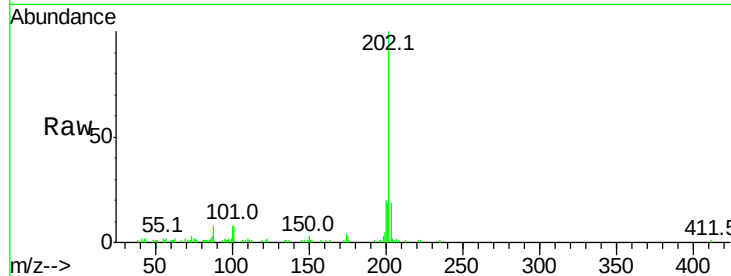




#74
 Fluoranthene
 Concen: 2.074 ng/ul
 RT: 19.76 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BG028122.D
 Acq: 2 Aug 2017 23:56

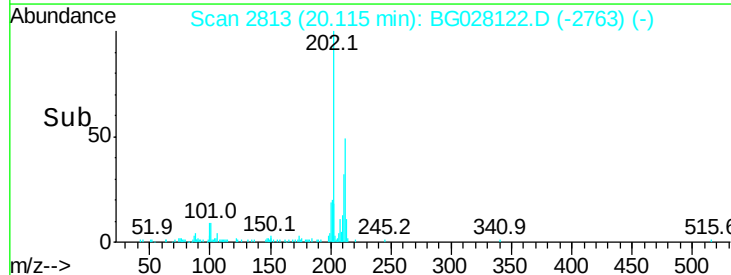
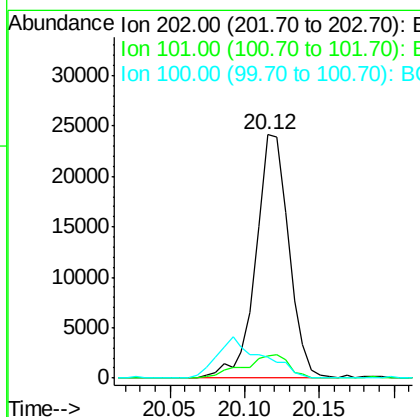
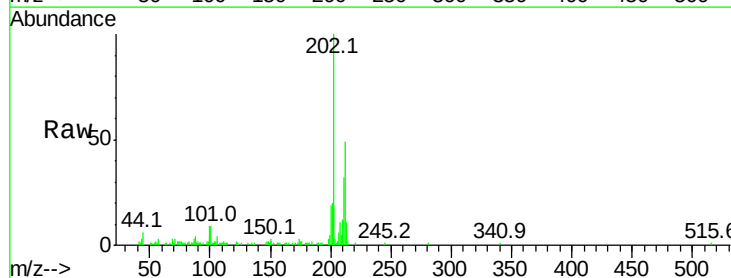
Instrument :
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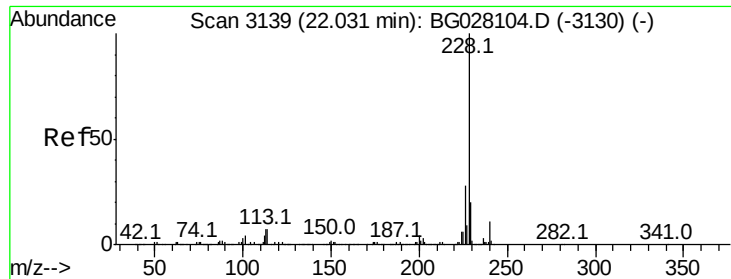
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.2
100	7.8	5.2	7.8



#77
 Pyrene
 Concen: 1.869 ng/ul
 RT: 20.12 min Scan# 2813
 Delta R.T. -0.01 min
 Lab File: BG028122.D
 Acq: 2 Aug 2017 23:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.9	10.3
100	8.7	6.6	10.0

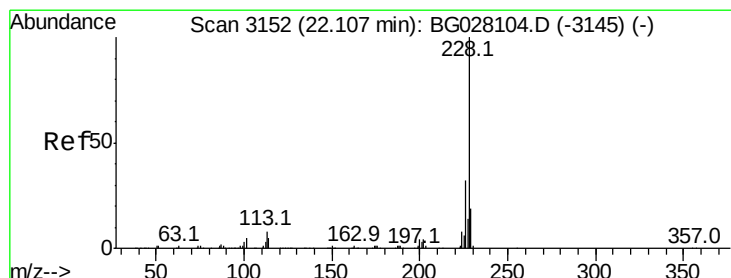
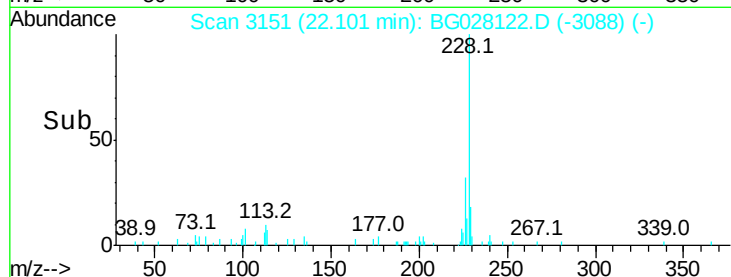
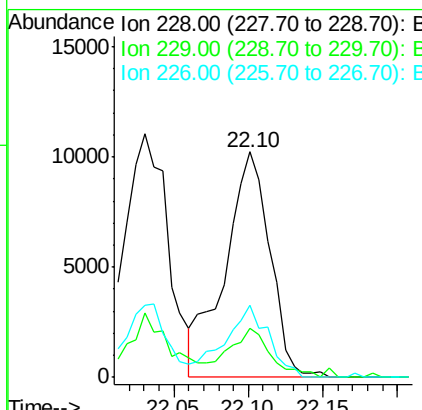
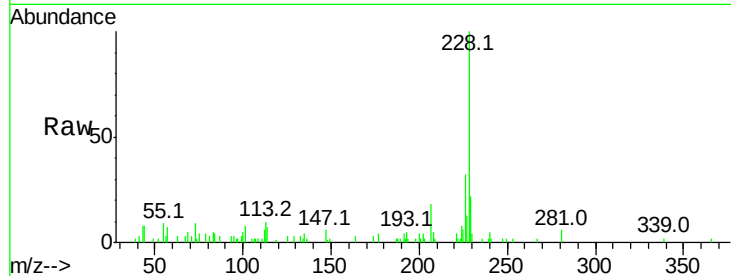




#80
Benzo(a)anthracene
Concen: 1.128 ng/ul
RT: 22.10 min Scan# 3151
Delta R.T. 0.07 min
Lab File: BG028122.D
Acq: 2 Aug 2017 23:56

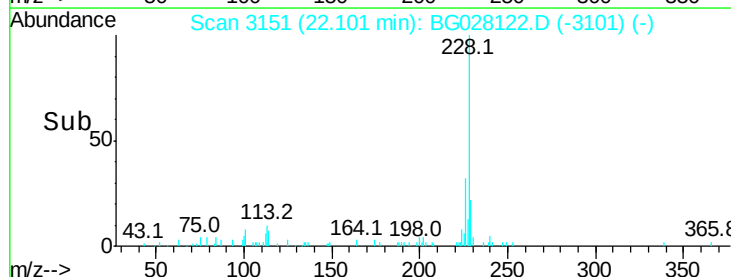
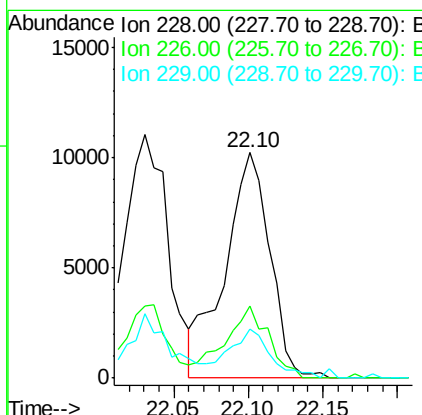
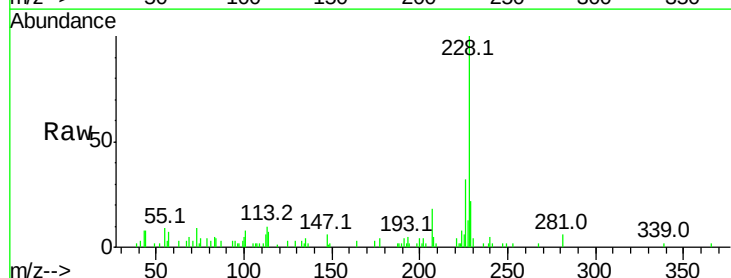
Instrument :
BNA_G
ClientSampleId :
C0AA6

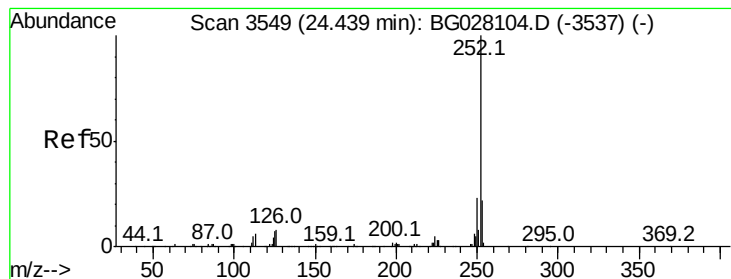
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.3	24.5
226	31.9	21.9	32.9



#82
Chrysene
Concen: 1.252 ng/ul
RT: 22.10 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG028122.D
Acq: 2 Aug 2017 23:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	21.8	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 1.830 ng/ul

RT: 24.43 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BG028122.D

Acq: 2 Aug 2017 23:56

Instrument :

BNA_G

ClientSampleId :

C0AA6

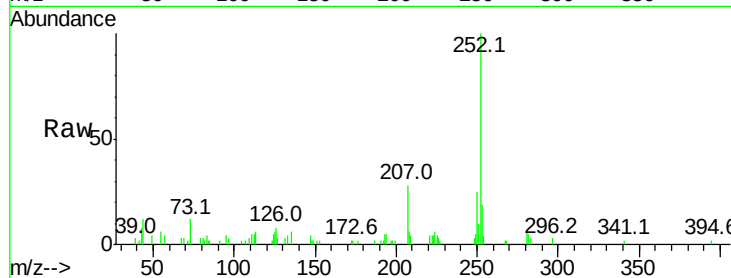
Tot Ion:252 Resp: 35213

Ion Ratio Lower Upper

252 100

253 18.6 17.7 26.5

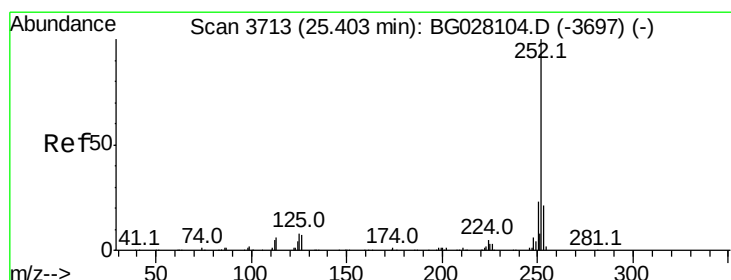
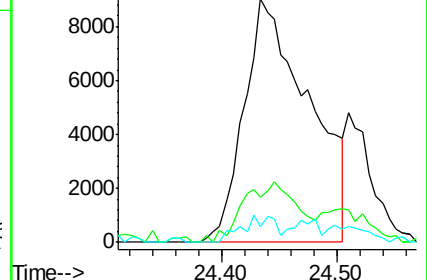
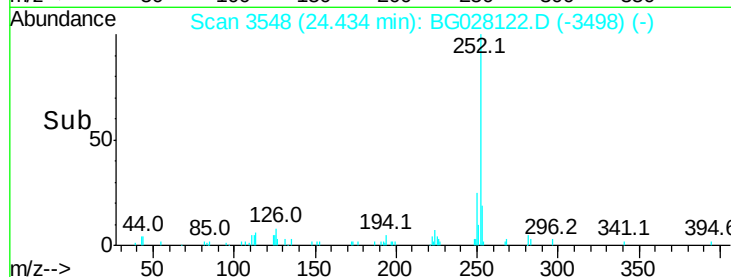
125 6.3 4.0 6.0#



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



#88

Benzo(a)pyrene

Concen: 1.292 ng/ul

RT: 25.40 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG028122.D

Acq: 2 Aug 2017 23:56

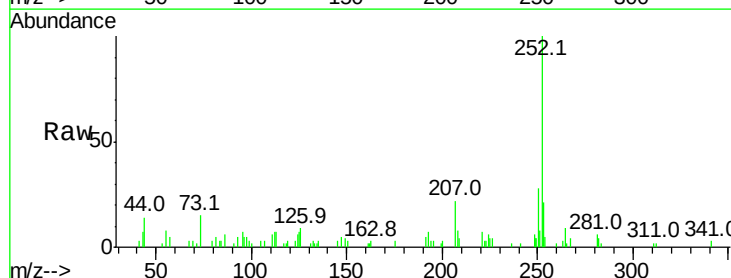
Tgt Ion:252 Resp: 24058

Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.6

125 6.5 5.4 8.0



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

