

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092515\
 Data File : BG018927.D
 Acq On : 27 Sep 2015 00:08
 Operator : UM/NP
 Sample : G3798-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9G72

Quant Time: Sep 28 04:36:50 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 28 04:33:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	265422	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	168930	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	393615	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	398074	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	405899	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2127	1.70	ng/uL	0.00
5) Phenol-d5	7.17	99	52877	10.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	28898	10.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	43075	11.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	41196	10.27	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	21239	10.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	24024	11.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	47527	11.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	45010	9.09	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	149432	10.99	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	164644	10.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	16772	6.43	ng/ul	0.00
58) Fluorene-d10	15.60	176	113368	9.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	7477	4.01	ng/ul	0.00
71) Anthracene-d10	17.46	188	94814	5.47	ng/ul	0.00
79) Pyrene-d10	19.74	212	162954	8.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	138612	7.02	ng/ul	0.00

Target Compounds

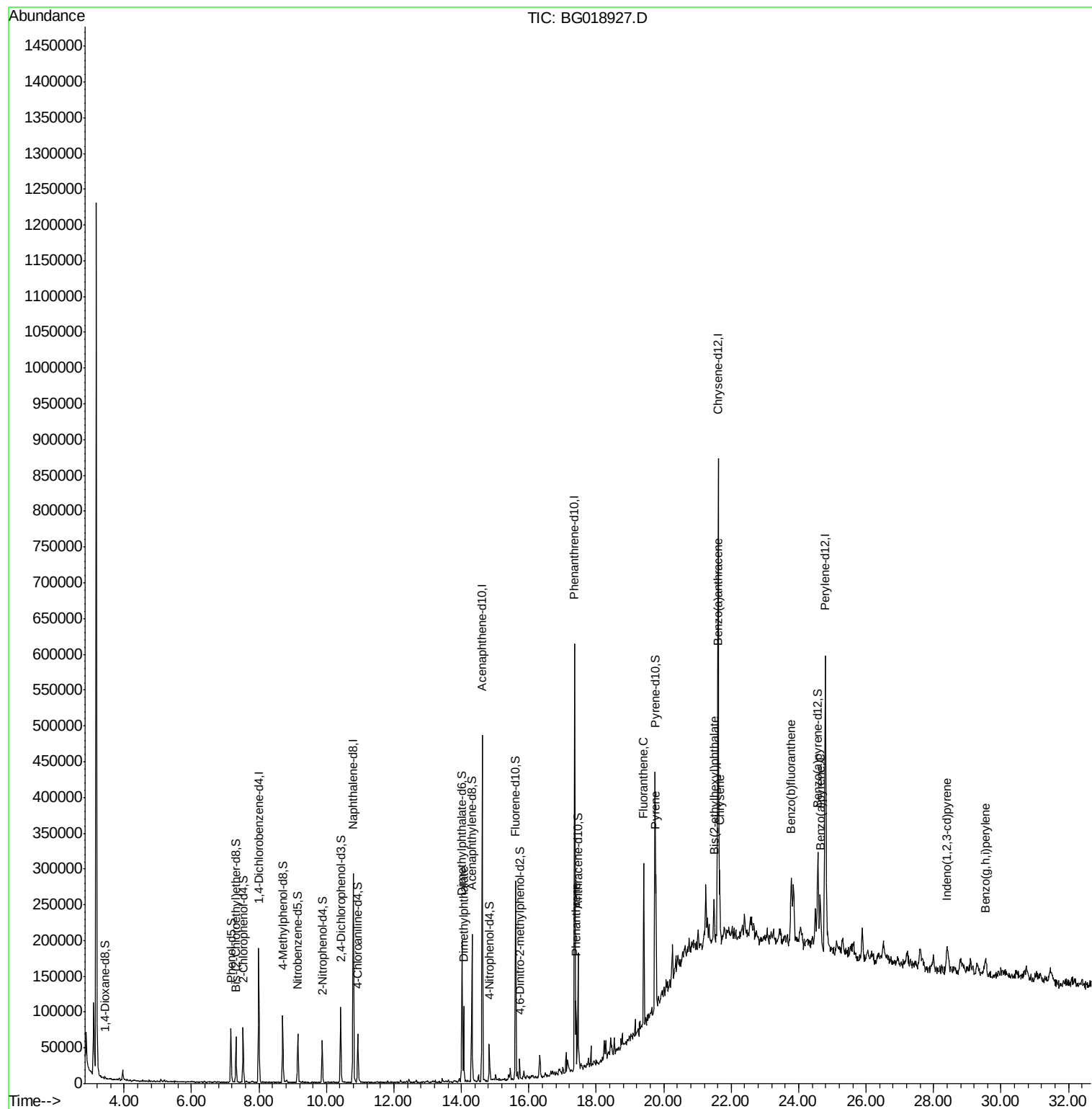
						Ovalue
45) Dimethylphthalate	14.07	163	75107	5.70	ng/ul#	96
70) Phenanthrene	17.40	178	59585	2.98	ng/ul	97
77) Fluoranthene	19.41	202	140627	6.34	ng/ul	97
80) Pyrene	19.76	202	121461	5.19	ng/ul#	93
83) Benzo(a)anthracene	21.59	228	69511	3.15	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	28950	2.17	ng/ul	97
85) Chrysene	21.66	228	68392	3.36	ng/ul	95
88) Benzo(b)fluoranthene	23.78	252	104669	4.56	ng/ul#	96
91) Benzo(a)pyrene	24.64	252	70181	3.22	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.40	276	58786	2.32	ng/ul	98
94) Benzo(g,h,i)perylene	29.54	276	45221	2.14	ng/ul	94

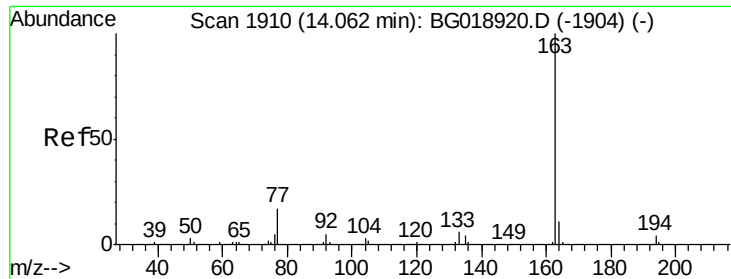
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 5.70 ng/ul

RT: 14.07 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

Instrument :

BNA_G

ClientSampleId :

D9G72

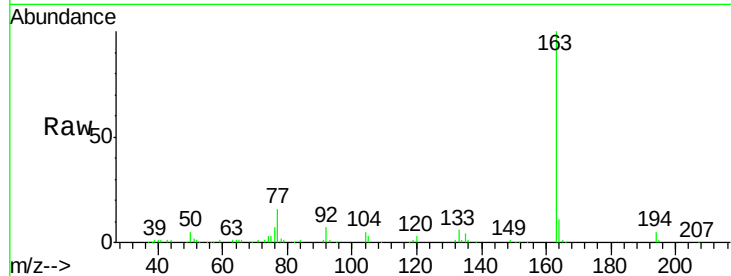
Tot Ion:163 Resp: 75107

Ion Ratio Lower Upper

163 100

194 4.8 2.9 4.3#

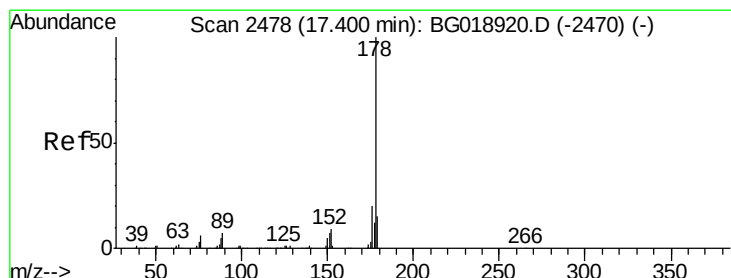
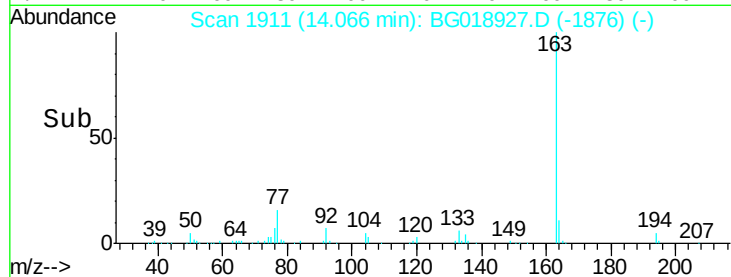
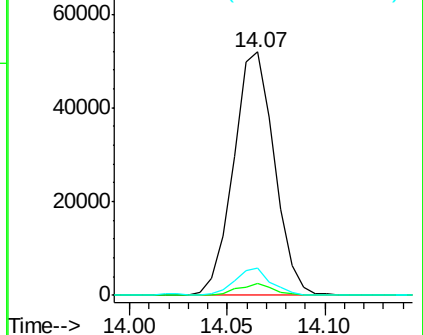
164 11.3 7.7 11.5



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



#70

Phenanthrene

Concen: 2.98 ng/ul

RT: 17.40 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

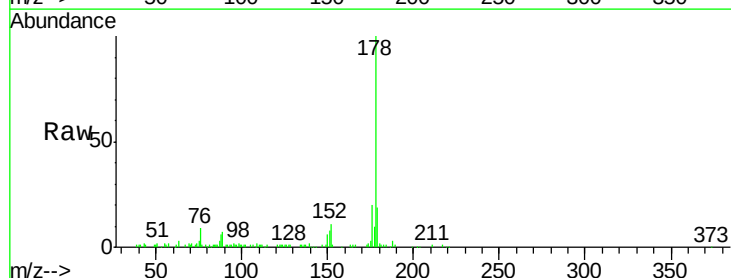
Tgt Ion:178 Resp: 59585

Ion Ratio Lower Upper

178 100

179 19.0 13.7 20.5

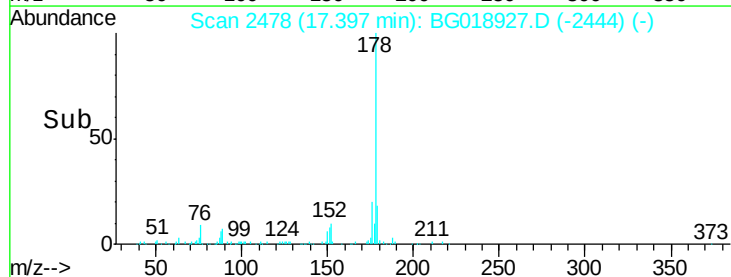
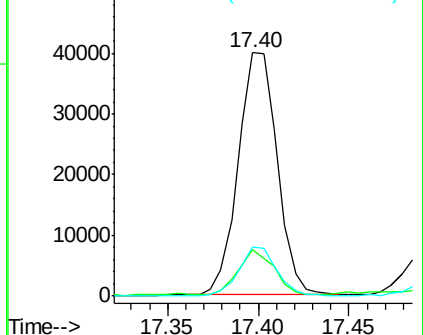
176 20.0 16.6 24.8

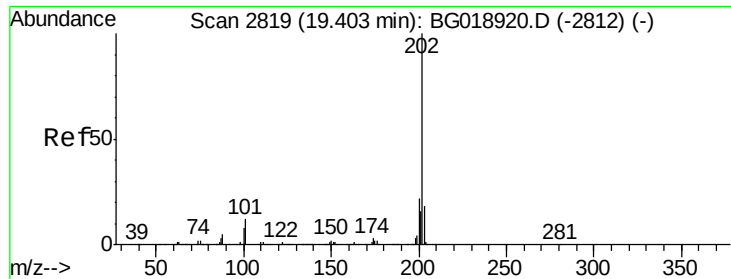


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 6.34 ng/ul

RT: 19.41 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

Instrument :

BNA_G

ClientSampleId :

D9G72

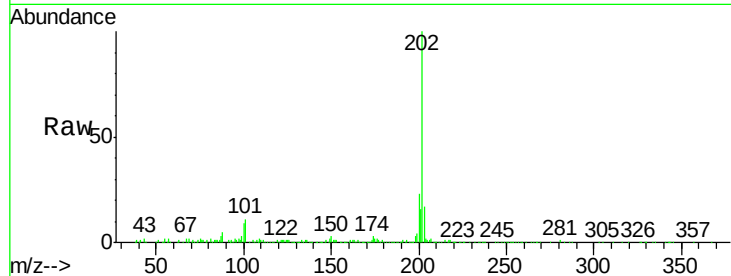
Tot Ion:202 Resp: 140627

Ion Ratio Lower Upper

202 100

101 11.0 9.7 14.5

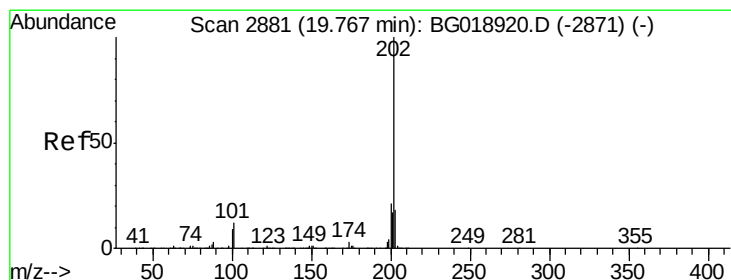
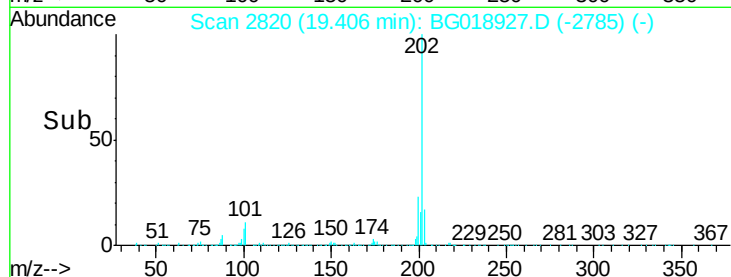
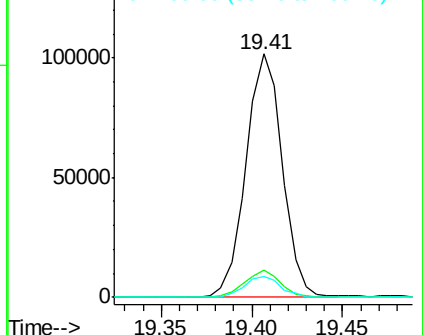
100 8.6 7.8 11.8



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



#80

Pyrene

Concen: 5.19 ng/ul

RT: 19.76 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

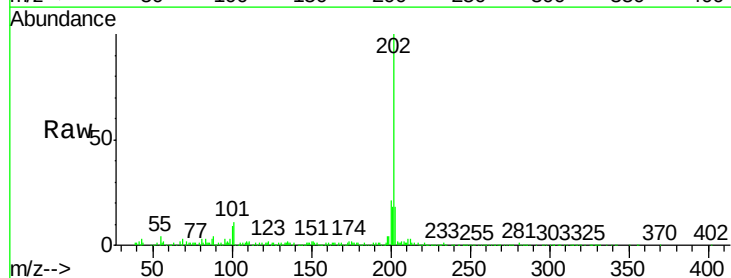
Tgt Ion:202 Resp: 121461

Ion Ratio Lower Upper

202 100

101 11.2 11.0 16.4

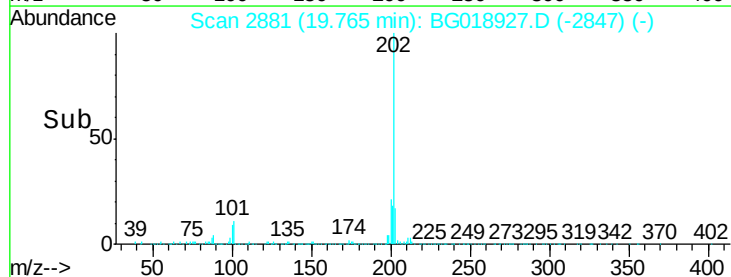
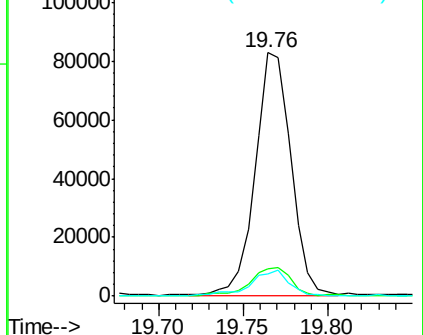
100 9.0 9.8 14.6#

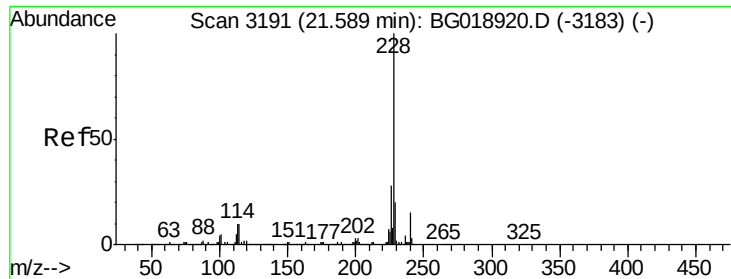


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 3.15 ng/ul

RT: 21.59 min Scan# 3192

Delta R.T. 0.00 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

Instrument :

BNA_G

ClientSampleId :

D9G72

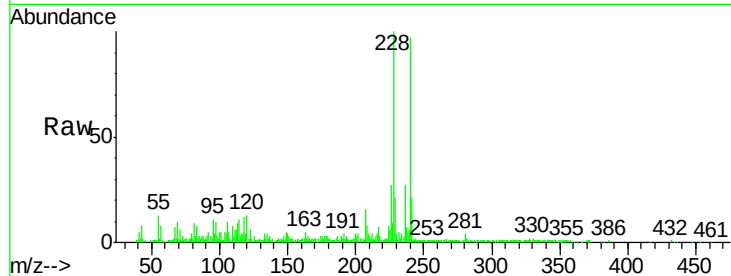
Tot Ion:228 Resp: 69511

Ion Ratio Lower Upper

228 100

229 21.4 15.5 23.3

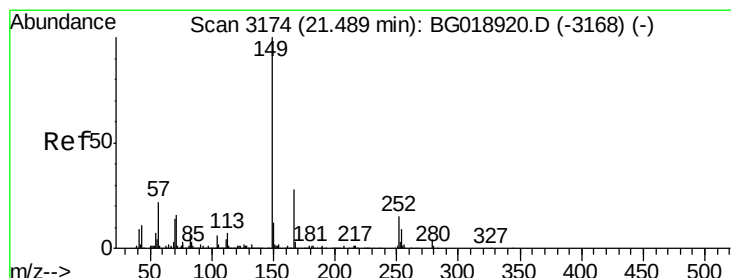
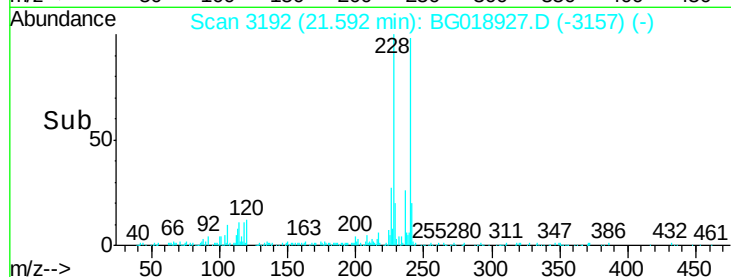
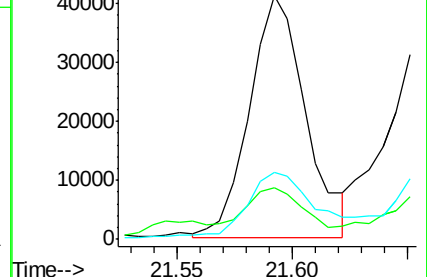
226 27.5 22.1 33.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.17 ng/ul

RT: 21.49 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

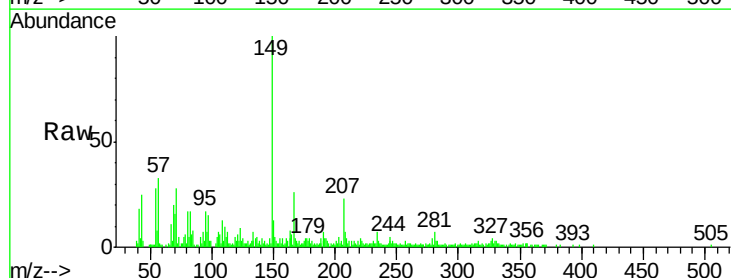
Tgt Ion:149 Resp: 28950

Ion Ratio Lower Upper

149 100

167 25.8 22.2 33.2

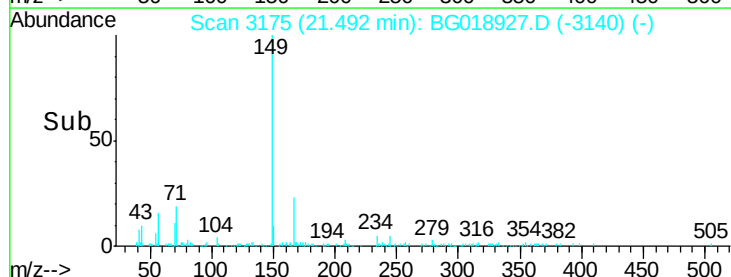
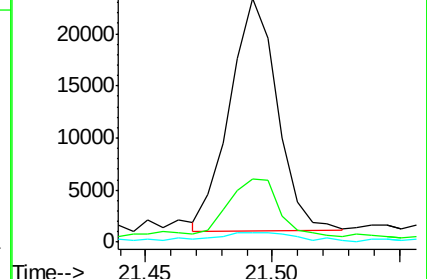
279 3.8 2.8 4.2

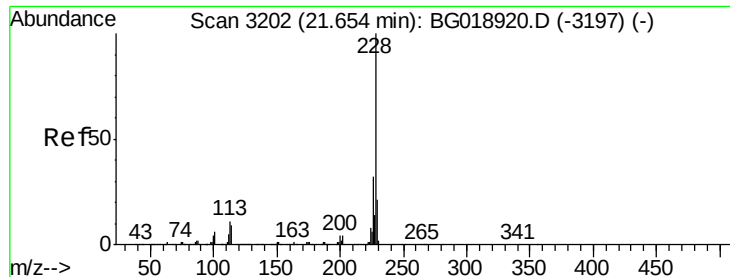


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 3.36 ng/ul

RT: 21.66 min Scan# 3203

Delta R.T. 0.00 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

Instrument :

BNA_G

ClientSampleId :

D9G72

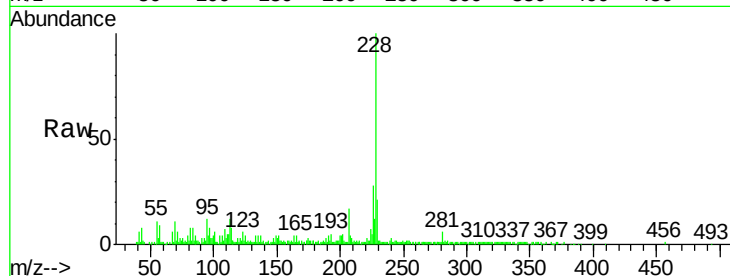
Tot Ion:228 Resp: 68392

Ion Ratio Lower Upper

228 100

226 28.2 26.5 39.7

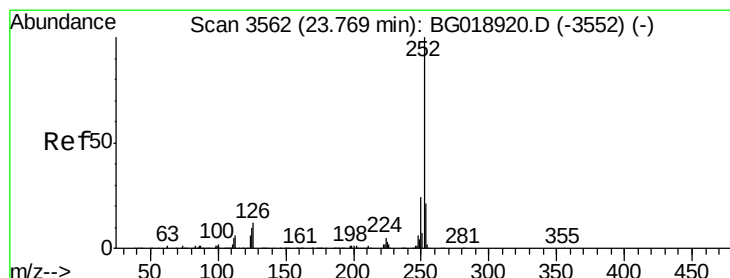
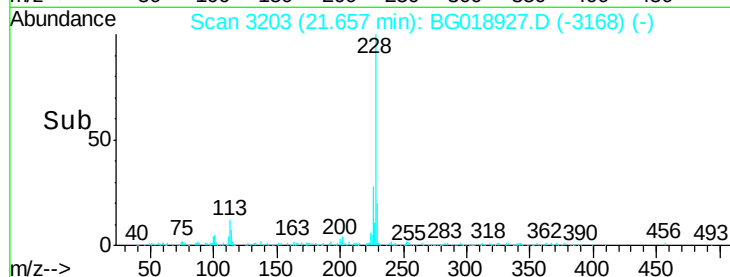
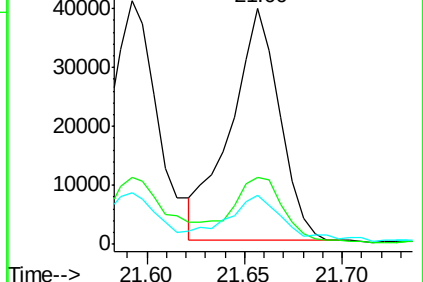
229 21.0 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 4.56 ng/ul

RT: 23.78 min Scan# 3565

Delta R.T. 0.01 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

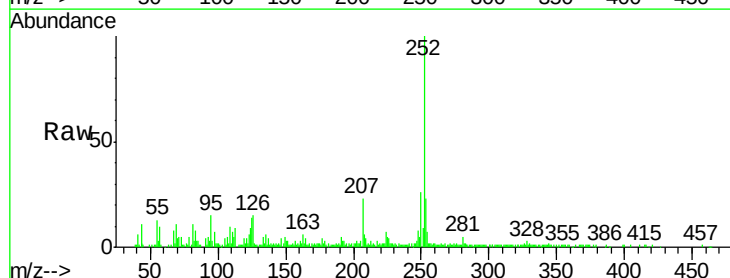
Tgt Ion:252 Resp: 104669

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

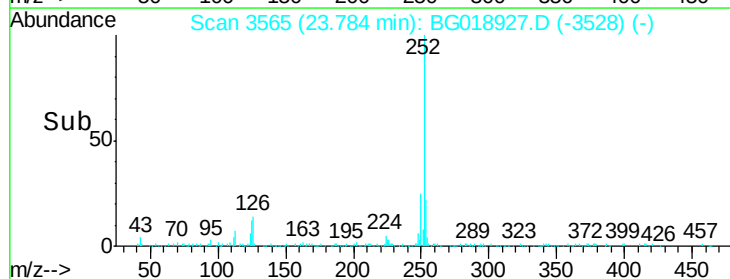
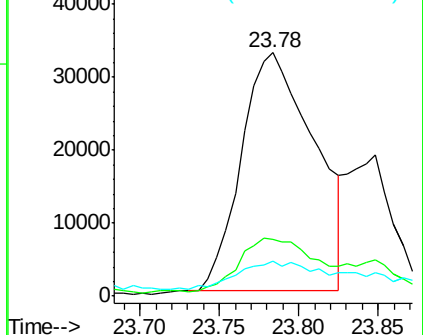
125 14.5 8.3 12.5#

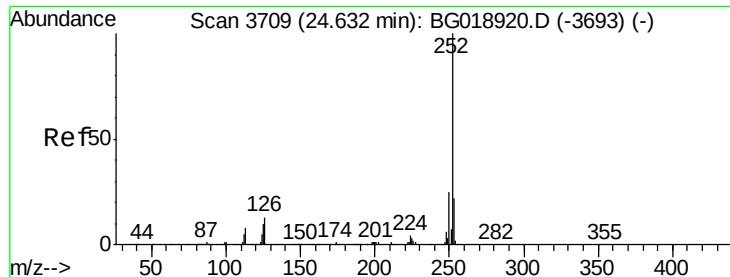


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

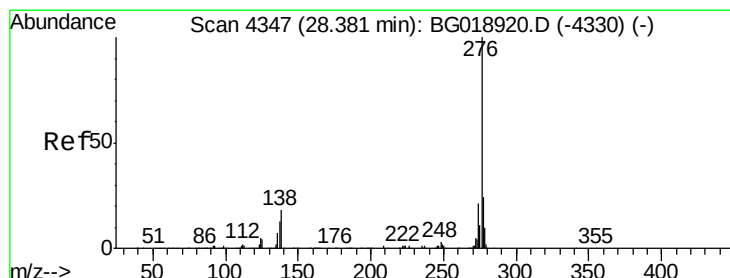
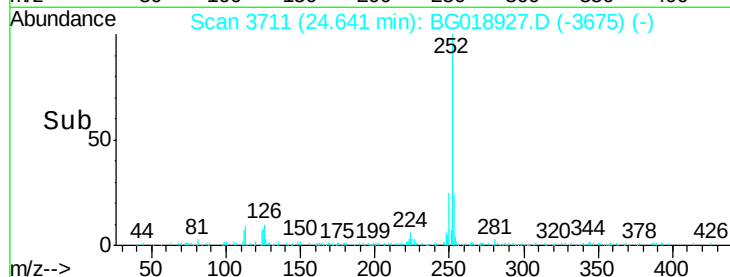
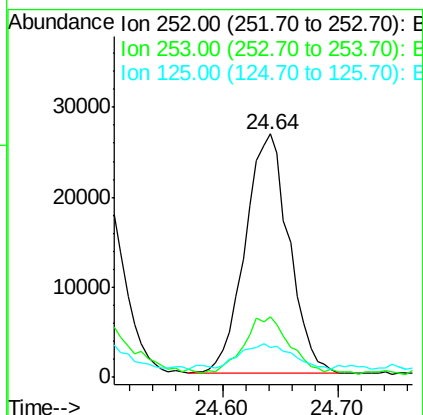
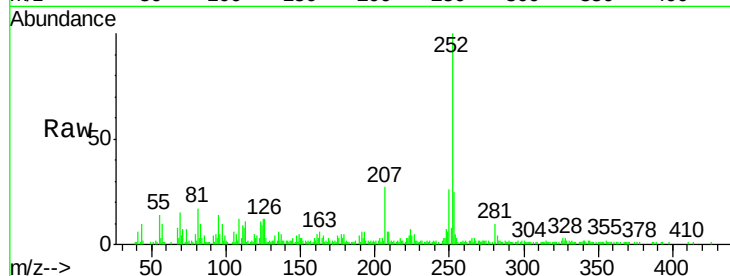




#91
Benzo(a)pyrene
Concen: 3.22 ng/ul
RT: 24.64 min Scan# 3711
Delta R.T. 0.01 min
Lab File: BG018927.D
Acq: 27 Sep 2015 00:08

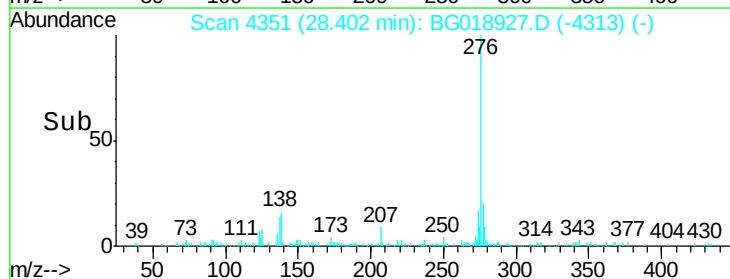
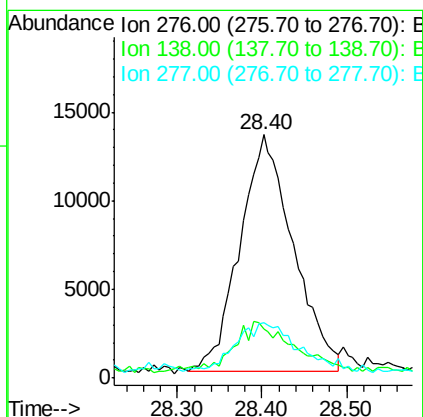
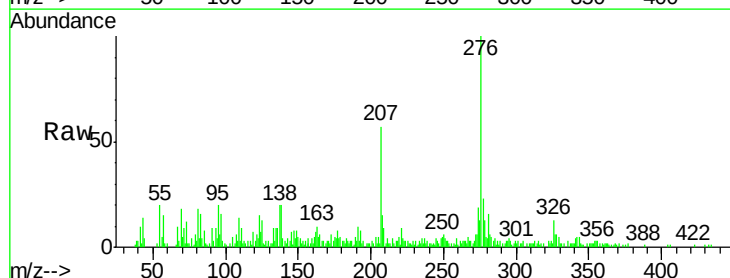
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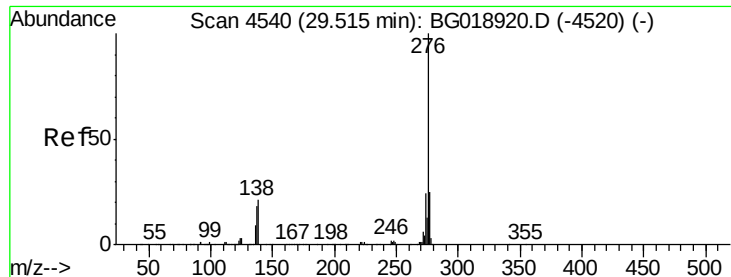
Tot Ion:252 Resp: 70181
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 12.3 10.2 15.2



#92
Indeno(1,2,3-cd)pyrene
Concen: 2.32 ng/ul
RT: 28.40 min Scan# 4351
Delta R.T. 0.02 min
Lab File: BG018927.D
Acq: 27 Sep 2015 00:08

Tgt Ion:276 Resp: 58786
Ion Ratio Lower Upper
276 100
138 20.2 15.8 23.6
277 22.5 18.9 28.3





#94

Benzo(a,h,i)perylene

Concen: 2.14 ng/ul

RT: 29.54 min Scan# 4544

Delta R.T. 0.02 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

Instrument :

BNA_G

ClientSampleId :

D9G72

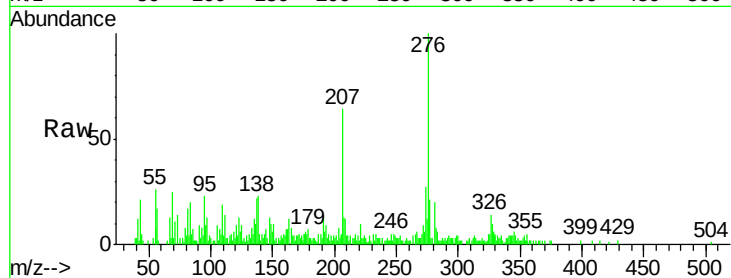
Tot Ion:276 Resp: 45221

Ion Ratio Lower Upper

276 100

138 23.5 16.5 24.7

277 20.9 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

