

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103017\
 Data File : BG030602.D
 Acq On : 31 Oct 2017 6:01
 Operator : SJ/JU
 Sample : I5886-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 07:20:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 07:15:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	350517	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	223852	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	498582	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	530742	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	525623	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	4425	2.57	ng/uL	0.00
5) Phenol-d5	7.32	99	90483	13.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	63480	15.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	80297	16.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	60868	11.24	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	45123	17.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	51003	19.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	92326	15.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	46571	6.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	290492	15.18	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	406091	17.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	22488	6.37	ng/ul	0.00
57) Fluorene-d10	15.76	176	290713	18.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	21768	8.94	ng/ul	0.00
70) Anthracene-d10	17.61	188	410303	17.40	ng/ul	0.00
76) Pyrene-d10	19.89	212	474331	17.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	427254	17.16	ng/ul	0.00

Target Compounds

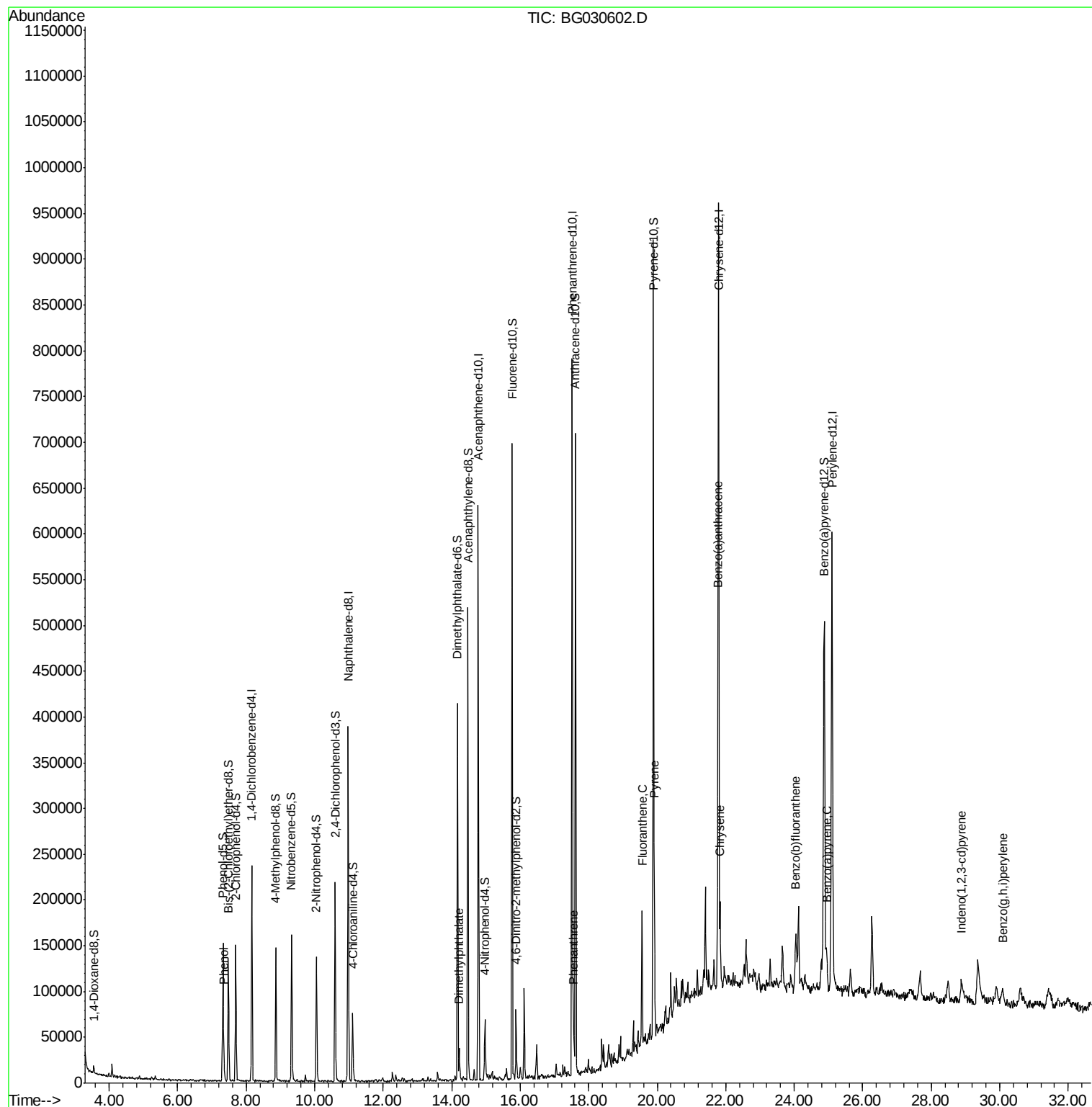
						Ovalue
6) Phenol	7.34	94	14851	2.14	ng/ul	97
44) Dimethylphthalate	14.22	163	22094	1.18	ng/ul	99
69) Phenanthrene	17.56	178	30036	1.11	ng/ul	99
74) Fluoranthene	19.56	202	90985	3.02	ng/ul	99
77) Pyrene	19.92	202	120212	3.38	ng/ul	97
80) Benzo(a)anthracene	21.77	228	60985	1.83	ng/ul	98
82) Chrysene	21.84	228	68944	2.28	ng/ul	96
85) Benzo(b)fluoranthene	24.05	252	72745	2.31	ng/ul	93
88) Benzo(a)pyrene	24.95	252	55170	1.80	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.88	276	38234	1.10	ng/ul	98
91) Benzo(g,h,i)perylene	30.09	276	31354	1.09	ng/ul	96

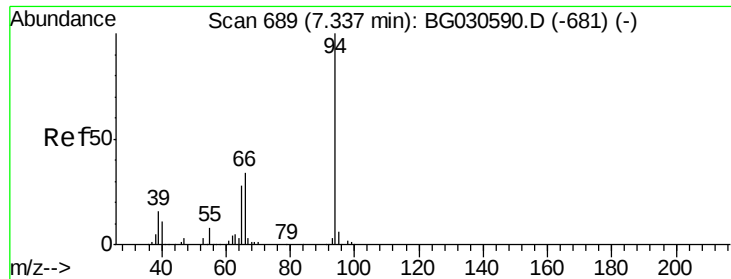
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.14 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

Instrument :

BNA_G

ClientSampleId :

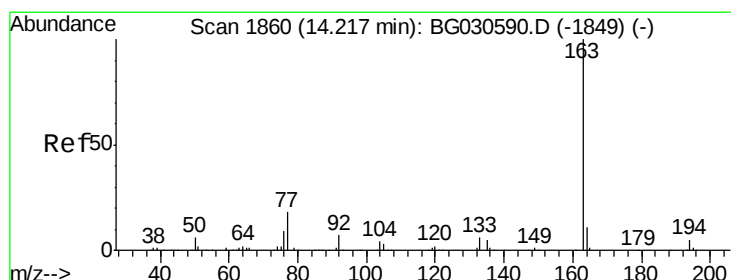
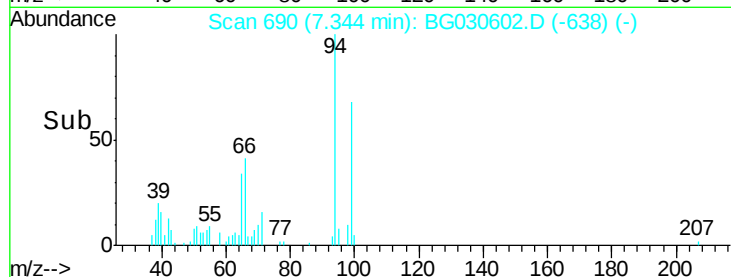
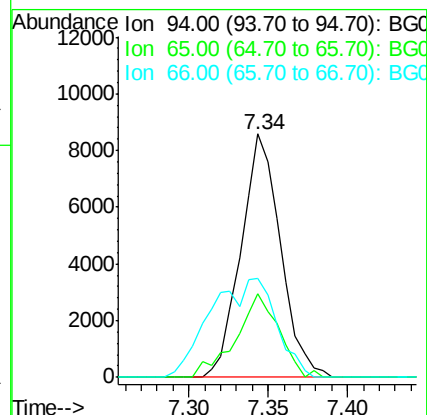
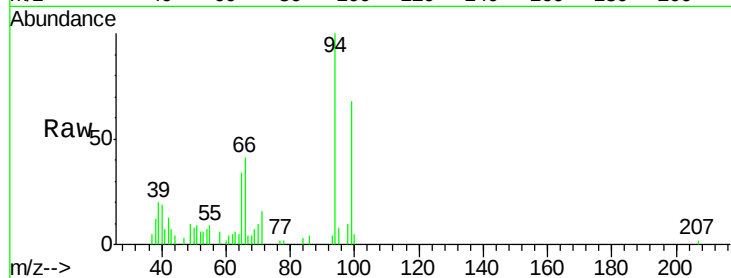
Tot Ion: 94 Resp: 14851

Ion Ratio Lower Upper

94 100

65 34.3 27.1 40.7

66 40.6 34.6 52.0



#44

Dimethylphthalate

Concen: 1.18 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

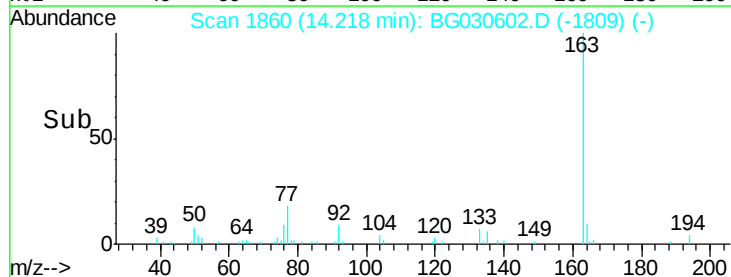
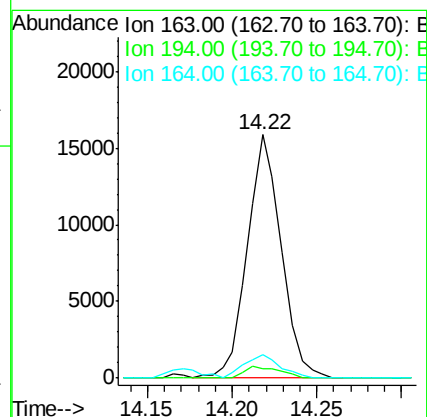
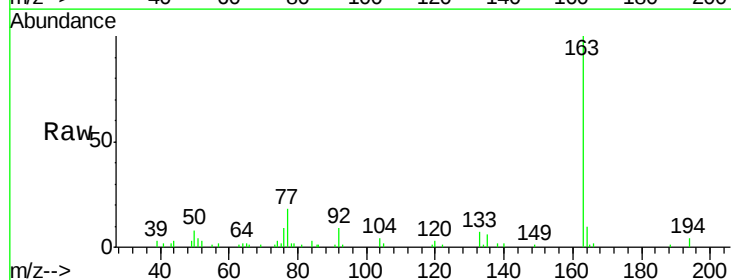
Tgt Ion: 163 Resp: 22094

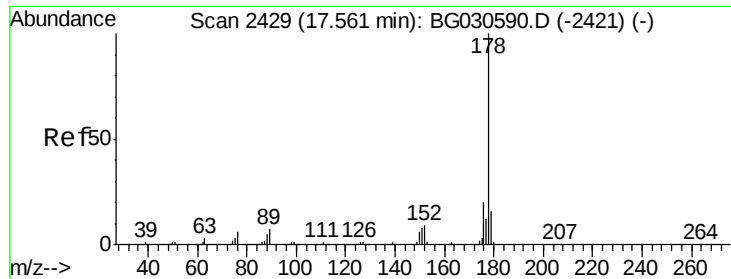
Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

164 9.5 7.6 11.4





#69

Phenanthrene

Concen: 1.11 ng/ul

RT: 17.56 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

Instrument :

BNA_G

ClientSampled :

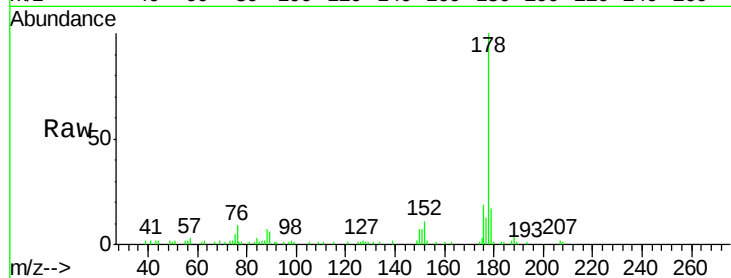
Tot Ion:178 Resp: 30036

Ion Ratio Lower Upper

178 100

179 16.8 13.0 19.6

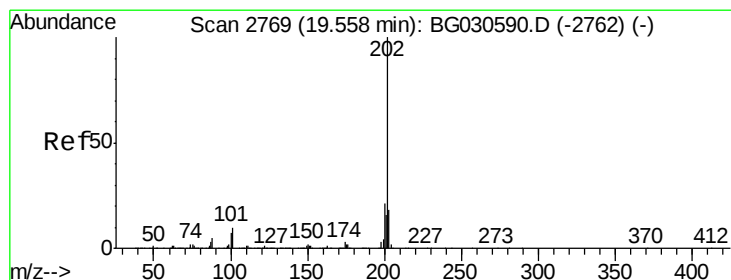
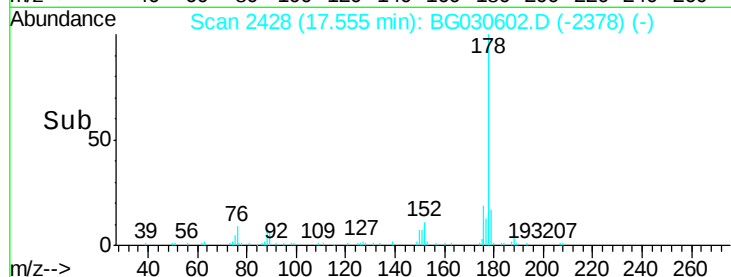
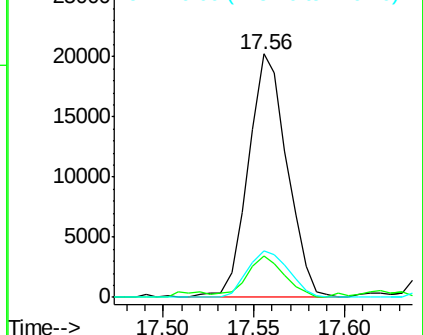
176 19.1 15.3 22.9



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: 3.02 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

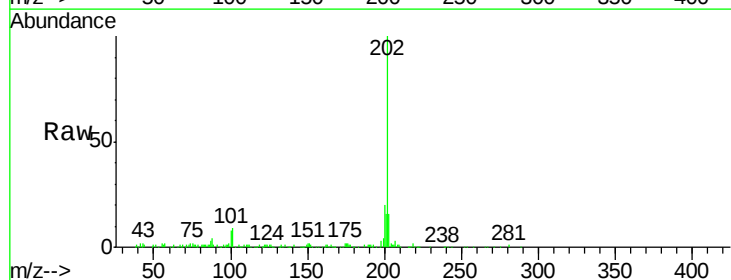
Tgt Ion:202 Resp: 90985

Ion Ratio Lower Upper

202 100

101 9.1 7.4 11.2

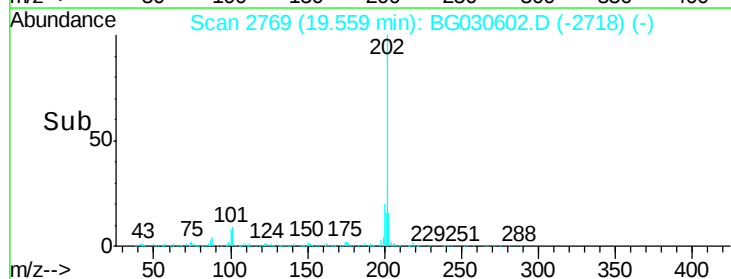
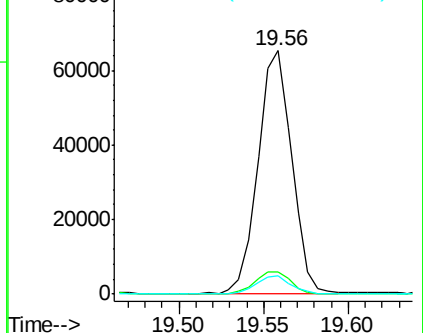
100 7.6 5.6 8.4

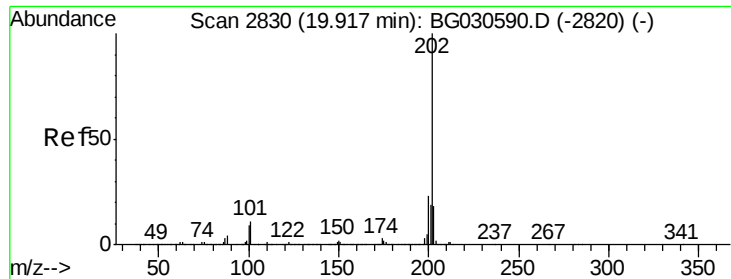


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.38 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

Instrument :

BNA_G

ClientSampleId :

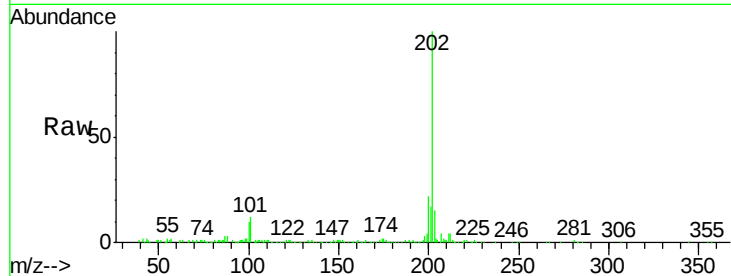
Tot Ion:202 Resp: 120212

Ion Ratio Lower Upper

202 100

101 11.6 8.4 12.6

100 9.7 7.0 10.6

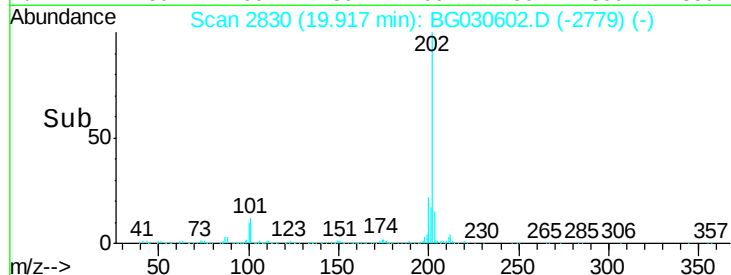


Abundance Ion 202.00 (201.70 to 202.70): E

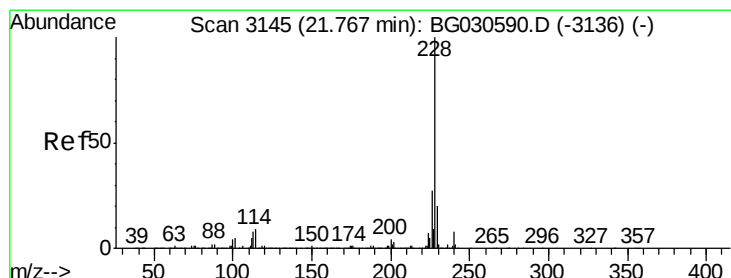
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 1.83 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

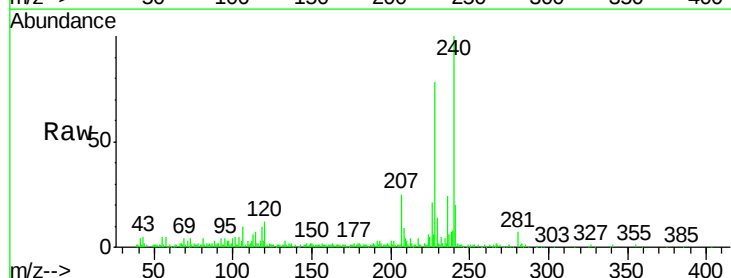
Tgt Ion:228 Resp: 60985

Ion Ratio Lower Upper

228 100

229 18.4 16.2 24.4

226 27.0 22.2 33.2

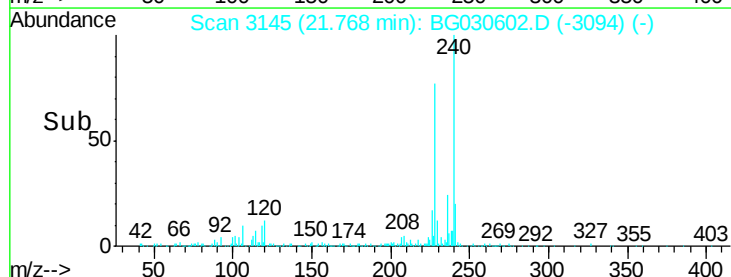


Abundance Ion 228.00 (227.70 to 228.70): E

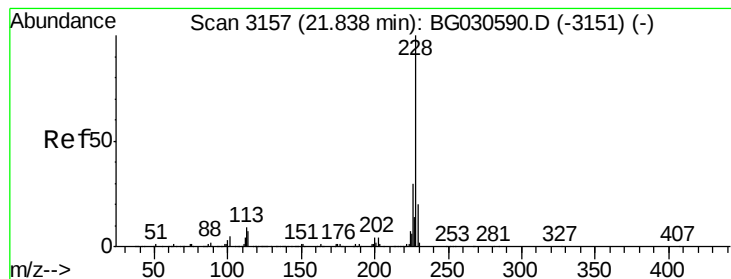
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#82

Chrysene

Concen: 2.28 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

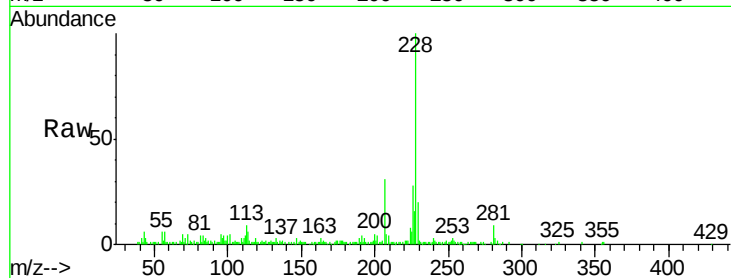
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 68944

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.2	36.2
229	20.5	15.2	22.8

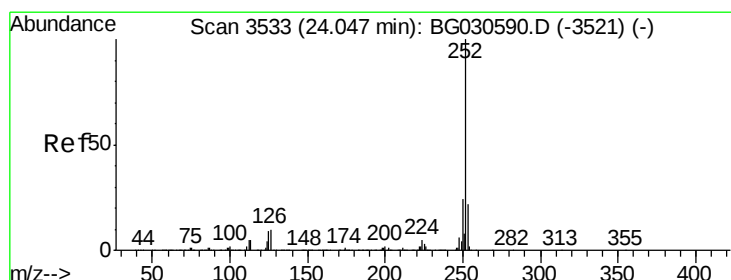
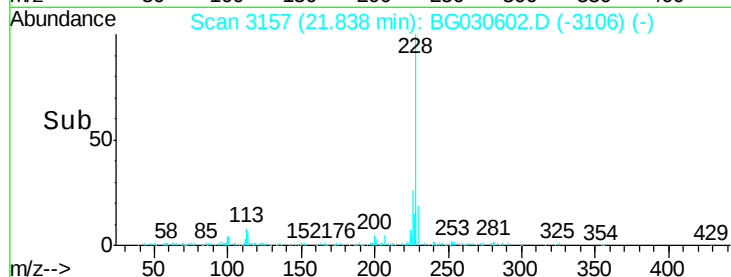
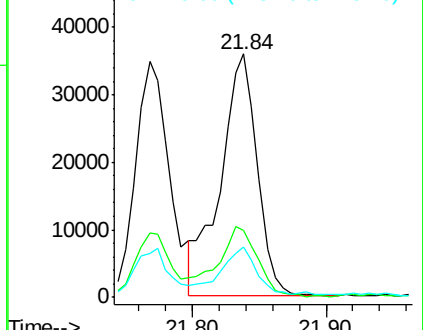


Abundance

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



#85

Benzo(b)fluoranthene

Concen: 2.31 ng/ul

RT: 24.05 min Scan# 3533

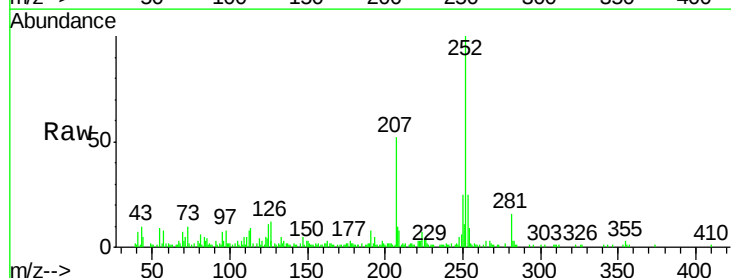
Delta R.T. 0.00 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

Tgt Ion:252 Resp: 72745

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.4
125	10.6	7.5	11.3

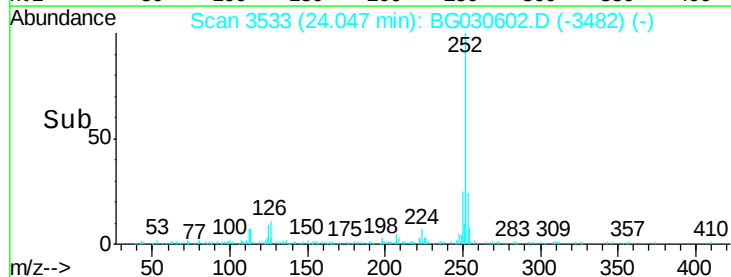
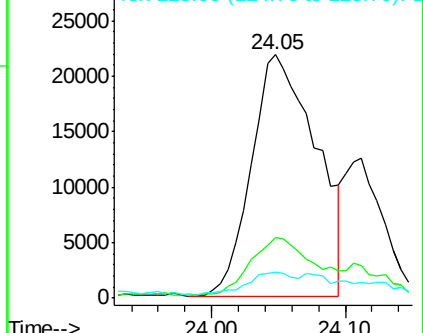


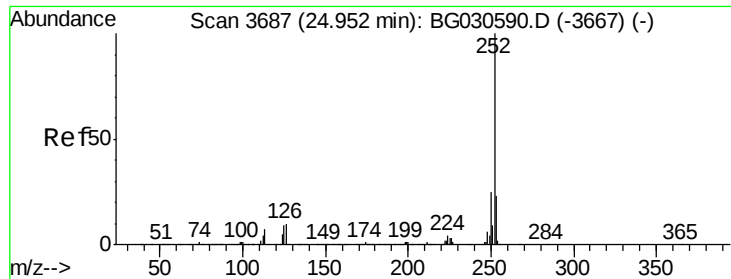
Abundance

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: 1.80 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

Instrument :

BNA_G

ClientSampleId :

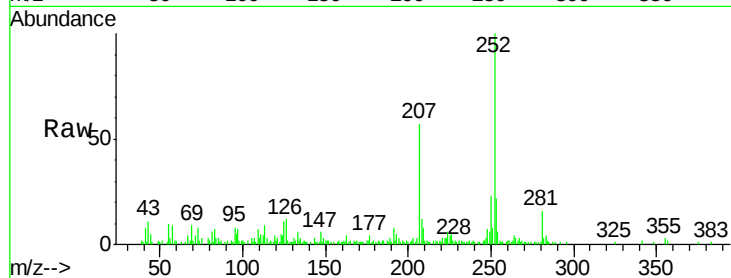
Tot Ion:252 Resp: 55170

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

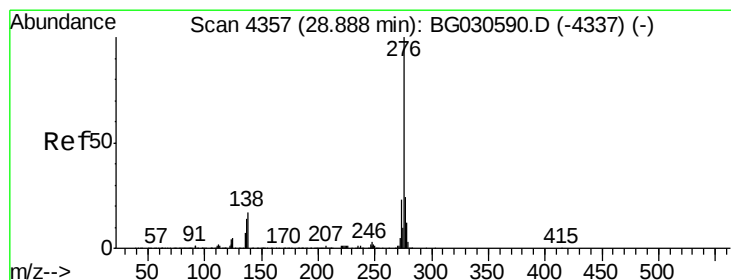
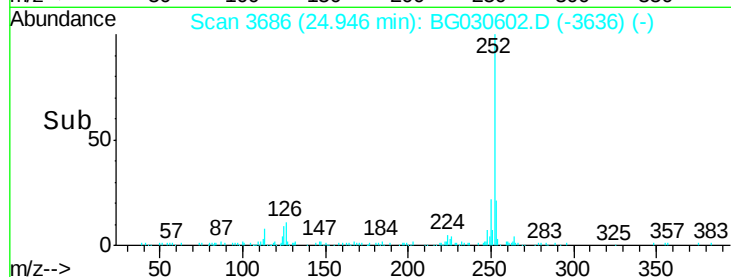
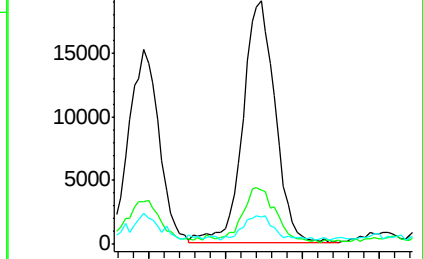
125 11.3 7.8 11.8



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.10 ng/ul

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

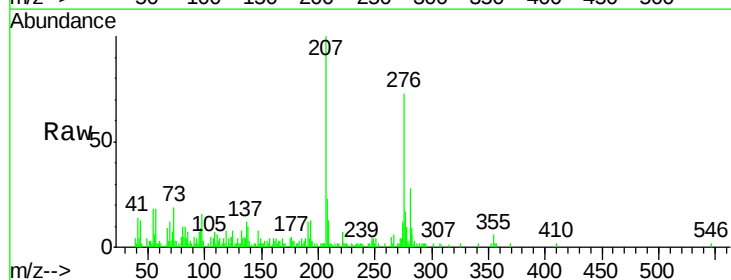
Tgt Ion:276 Resp: 38234

Ion Ratio Lower Upper

276 100

138 17.9 13.4 20.0

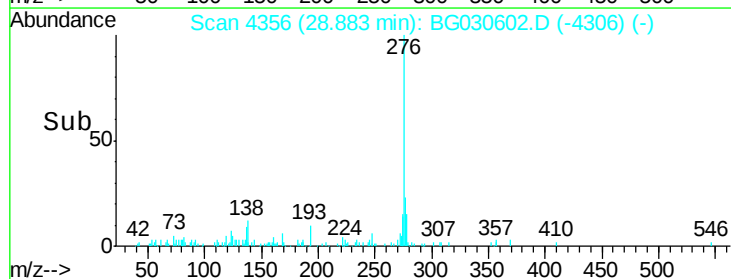
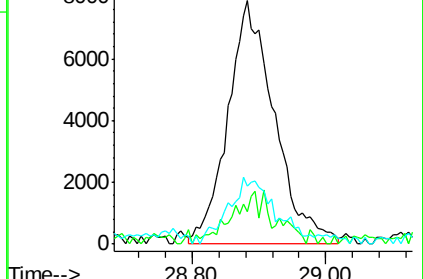
277 23.8 18.6 28.0

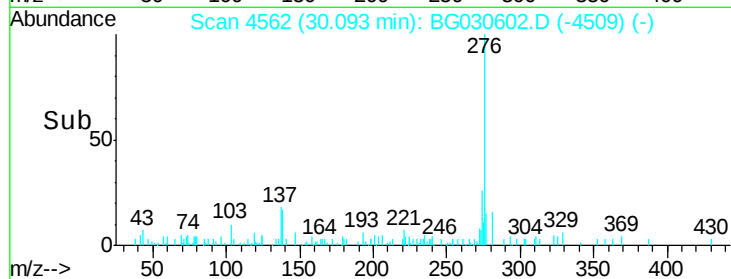
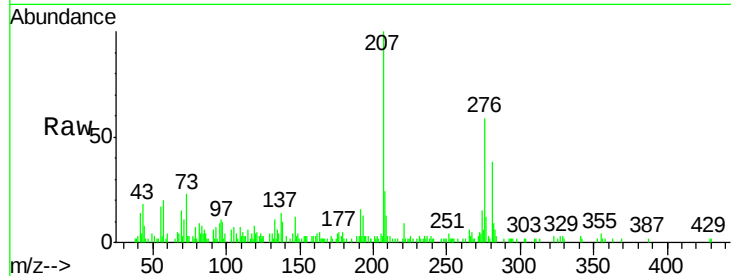
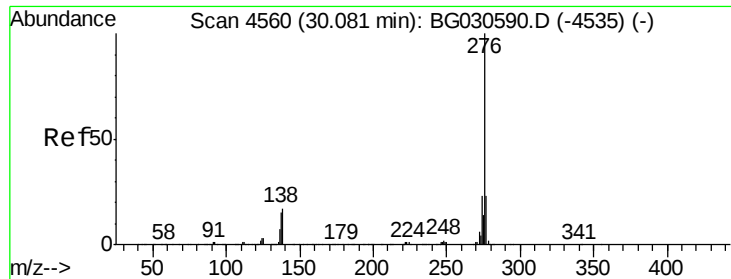


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.09 ng/ul

RT: 30.09 min Scan# 4562

Delta R.T. 0.01 min

Lab File: BG030602.D

Acq: 31 Oct 2017 6:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 31354

Ion Ratio Lower Upper

276 100

138 16.7 12.1 18.1

277 20.0 17.7 26.5

