

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103017\
 Data File : BG030594.D
 Acq On : 31 Oct 2017 1:01
 Operator : SJ/JU
 Sample : I5842-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 07:18:38 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	8.16	152	81459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	398397	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	253029	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	551333	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	595721	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	587143	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	7763	3.87	ng/uL	0.00
5) Phenol-d5	7.31	99	187562	23.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	104027	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	149201	27.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	139609	22.11	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	75241	26.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	93641	31.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	181910	27.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	20023	2.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	553727	25.60	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	697281	26.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	83067	20.80	ng/ul	0.00
57) Fluorene-d10	15.76	176	497161	28.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	83827	31.15	ng/ul	0.00
70) Anthracene-d10	17.61	188	677101	25.97	ng/ul	0.00
76) Pyrene-d10	19.89	212	825781	26.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	771948	27.76	ng/ul	0.00

Target Compounds

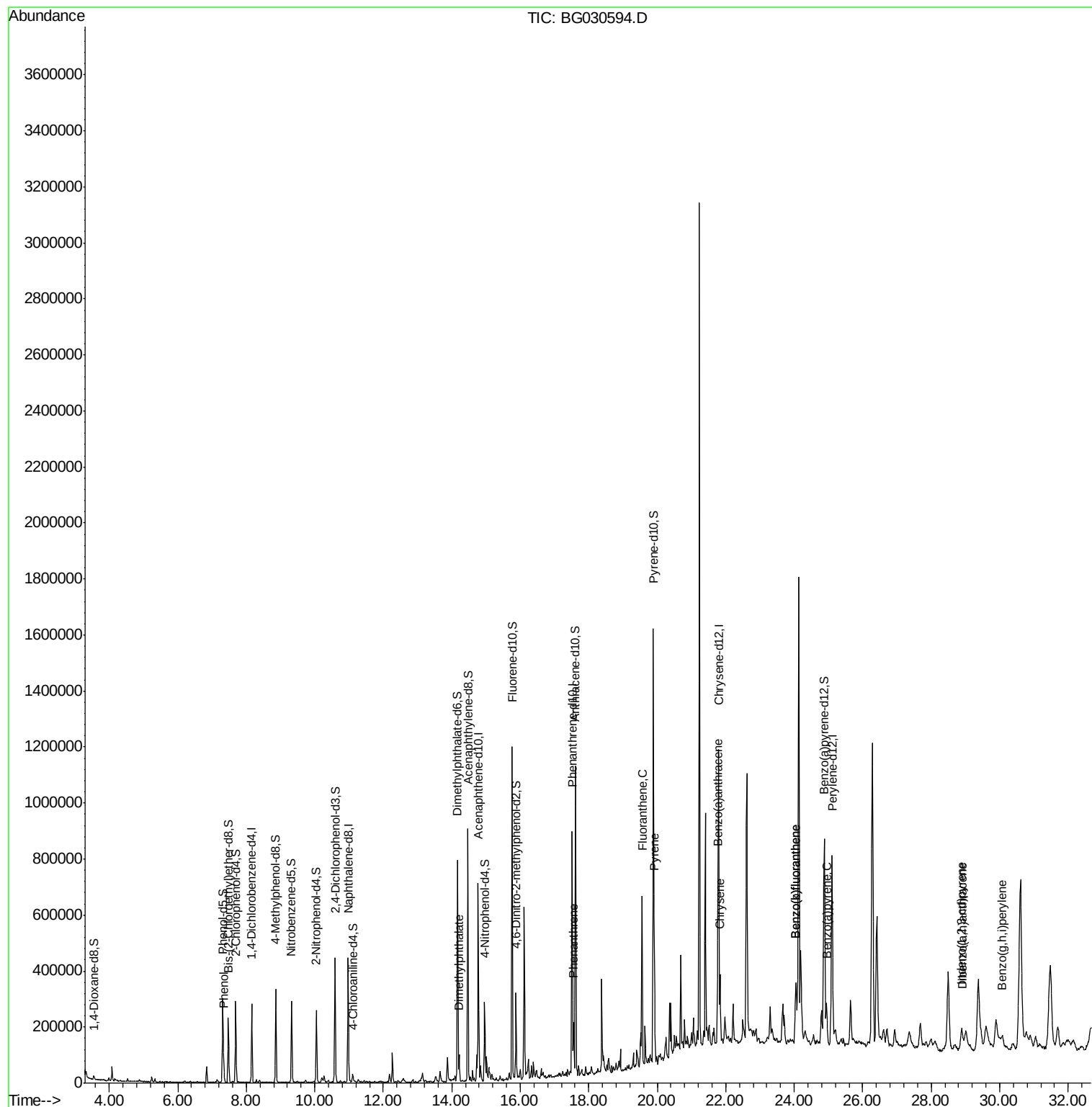
					Ovalue
6) Phenol	7.34	94	35256	4.36 ng/ul	92
44) Dimethylphthalate	14.22	163	61958	2.94 ng/ul	97
69) Phenanthrene	17.55	178	127439	4.28 ng/ul	98
74) Fluoranthene	19.56	202	374381	11.24 ng/ul	99
77) Pyrene	19.92	202	312023	7.82 ng/ul	97
80) Benzo(a)anthracene	21.77	228	163309	4.37 ng/ul	98
82) Chrysene	21.84	228	184411	5.44 ng/ul	96
85) Benzo(b)fluoranthene	24.05	252	259453	7.36 ng/ul	98
86) Benzo(k)fluoranthene	24.05	252	259453	7.61 ng/ul	98
88) Benzo(a)pyrene	24.95	252	165700	4.83 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	129388	3.33 ng/ul	98
90) Dibenzo(a,h)anthracene	28.92	278	32930	1.02 ng/ul#	84
91) Benzo(g,h,i)perylene	30.09	276	106444	3.31 ng/ul	98

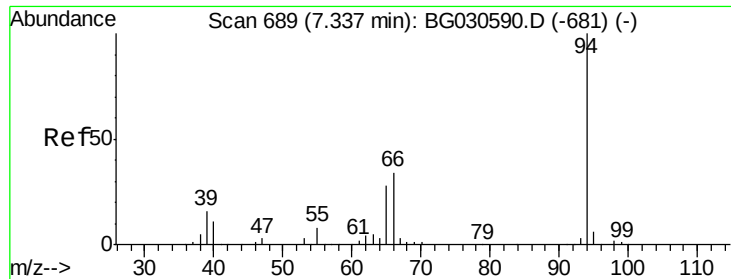
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampled :

Quant Time: Oct 31 07:18:38 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 07:15:18 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.36 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Instrument :

BNA_G

ClientSampled :

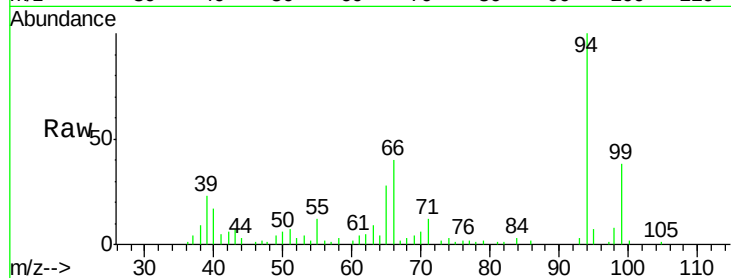
Tot Ion: 94 Resp: 35256

Ion Ratio Lower Upper

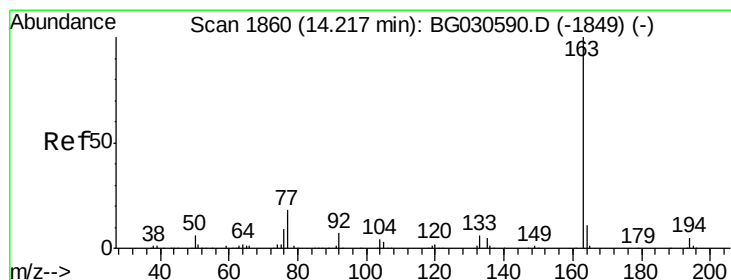
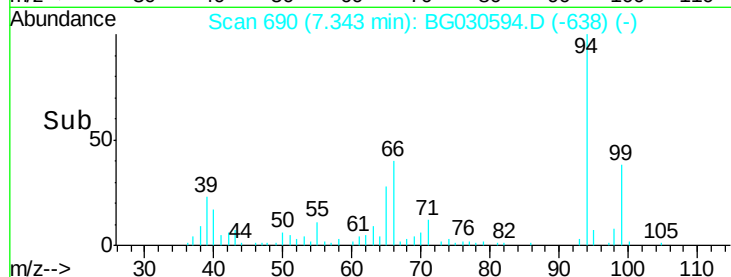
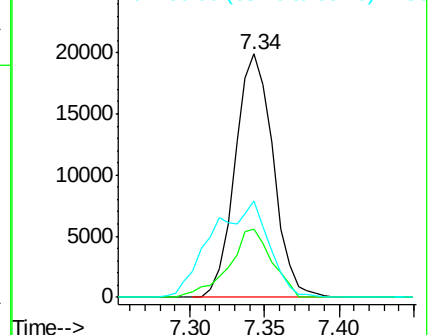
94 100

65 27.9 27.1 40.7

66 39.6 34.6 52.0



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: 2.94 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

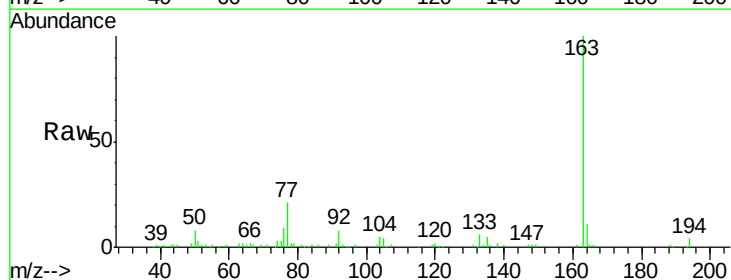
Tgt Ion: 163 Resp: 61958

Ion Ratio Lower Upper

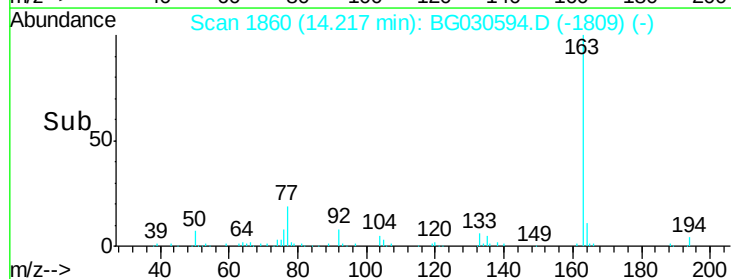
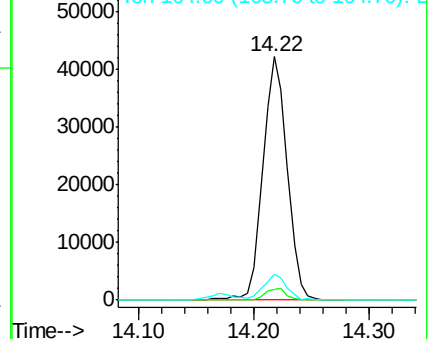
163 100

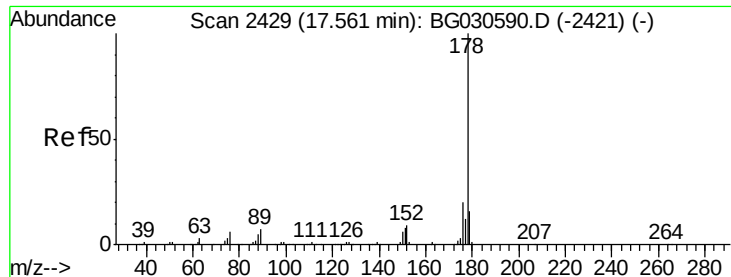
194 4.3 3.5 5.3

164 10.8 7.6 11.4



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: 4.28 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Instrument :

BNA_G

ClientSampleId :

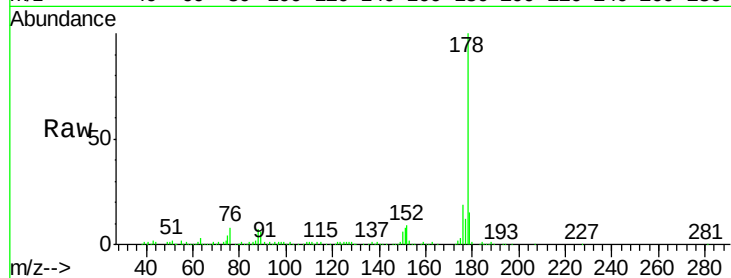
Tot Ion:178 Resp: 127439

Ion Ratio Lower Upper

178 100

179 15.1 13.0 19.6

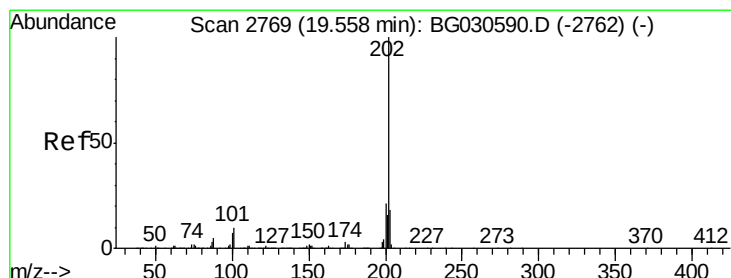
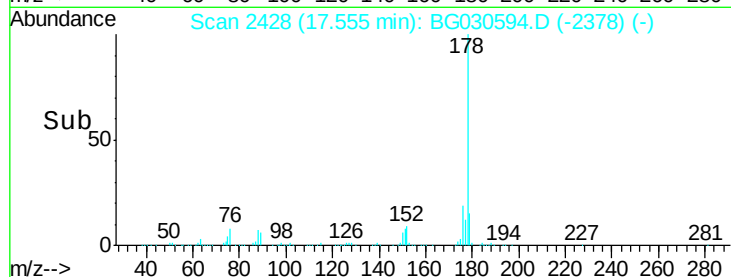
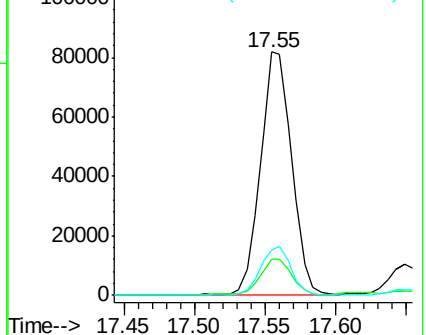
176 18.6 15.3 22.9



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: 11.24 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

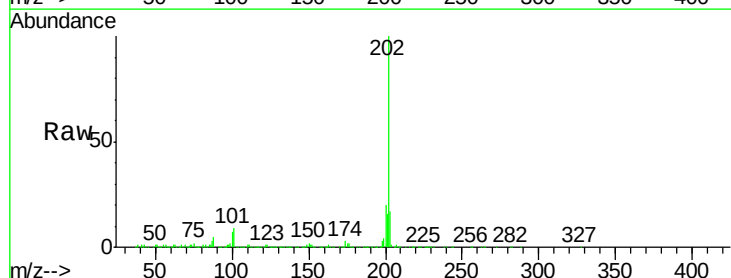
Tgt Ion:202 Resp: 374381

Ion Ratio Lower Upper

202 100

101 9.0 7.4 11.2

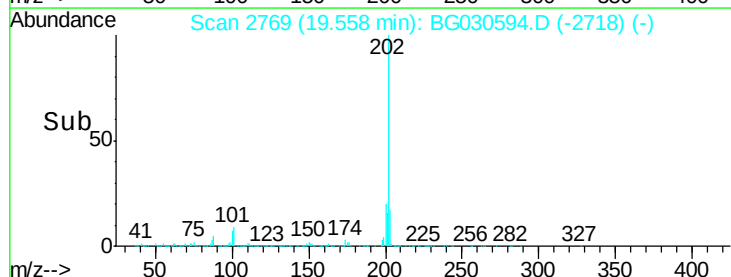
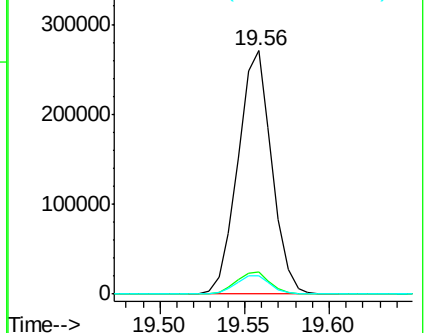
100 7.3 5.6 8.4

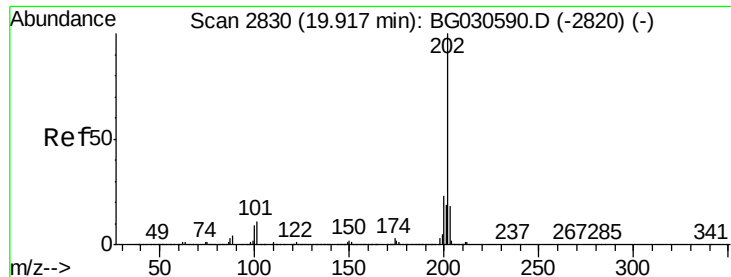


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 7.82 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG030594.D

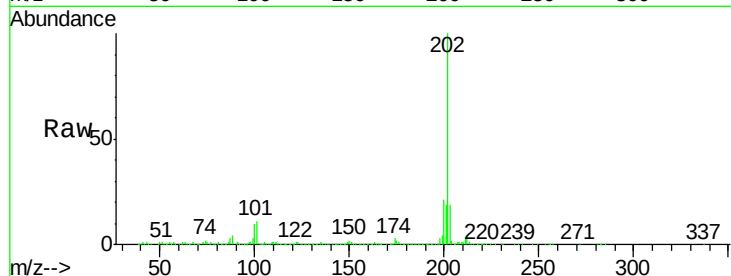
Acq: 31 Oct 2017 1:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	312023
Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.4	12.6
100	10.2	7.0	10.6

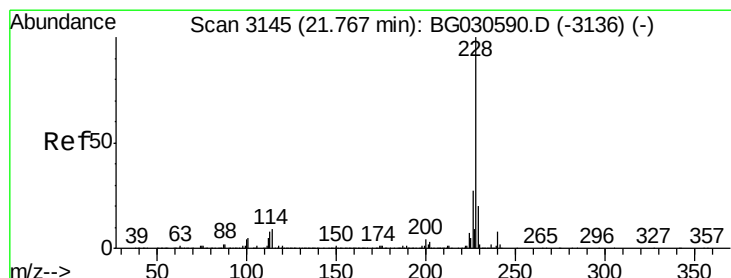
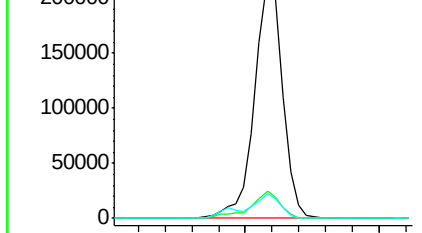
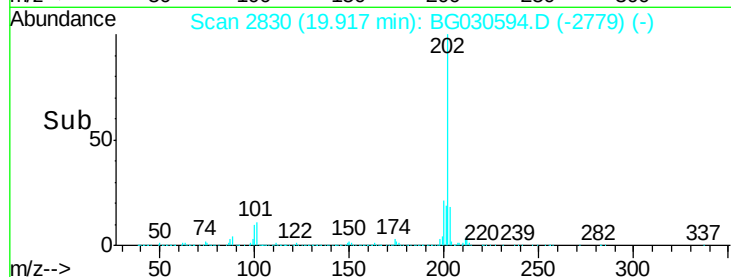


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 4.37 ng/ul

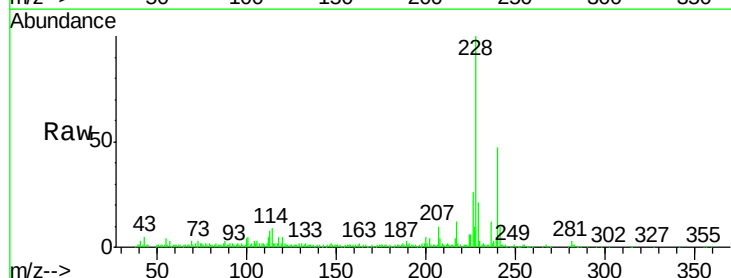
RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Tgt Ion:	228	Resp:	163309
Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.4
226	26.0	22.2	33.2

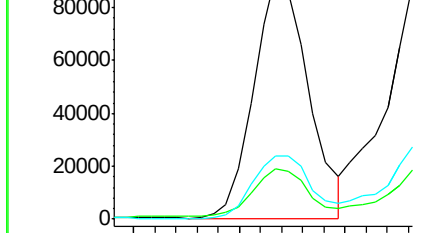
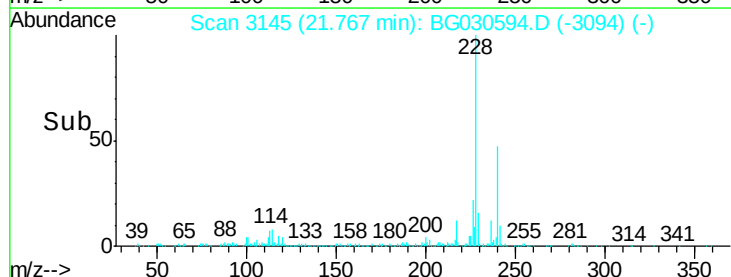


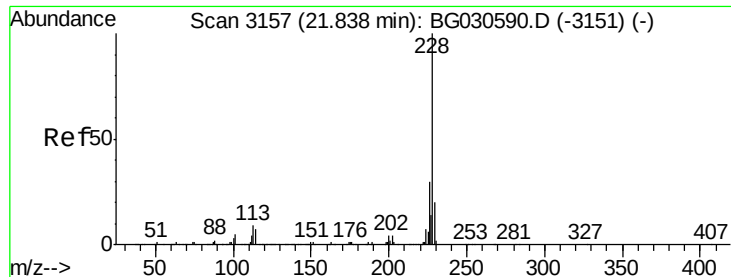
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#82

Chrysene

Concen: 5.44 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

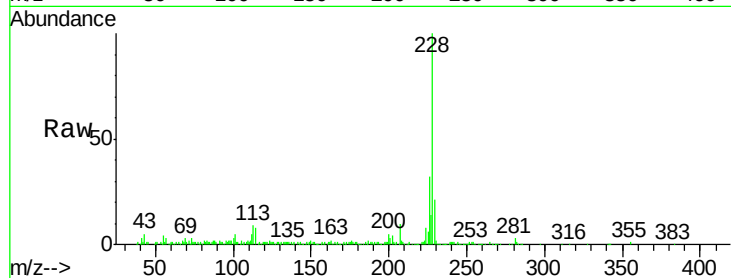
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 184411

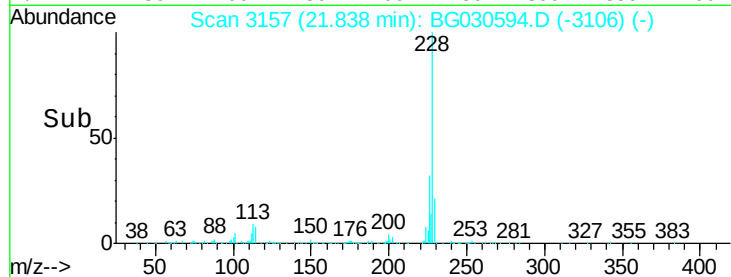
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.2	36.2
229	21.4	15.2	22.8



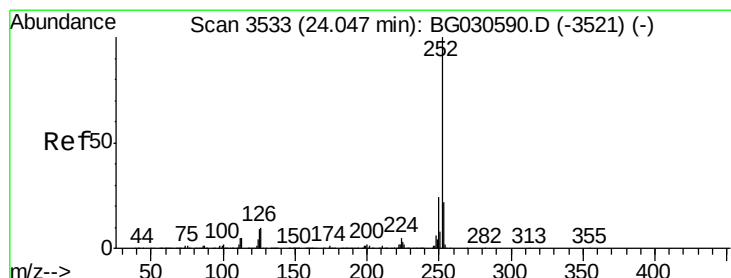
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 7.36 ng/ul

RT: 24.05 min Scan# 3533

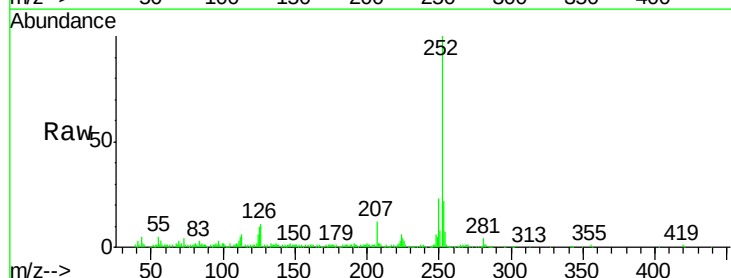
Delta R.T. -0.00 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Tgt Ion:252 Resp: 259453

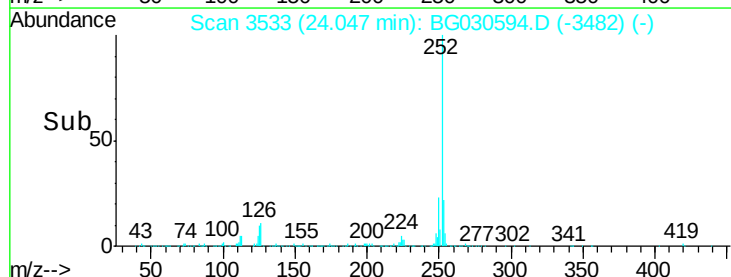
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	10.3	7.5	11.3



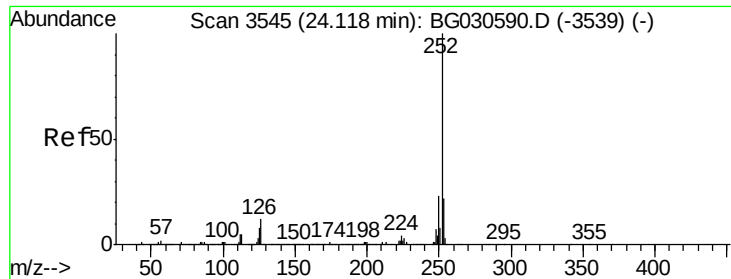
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



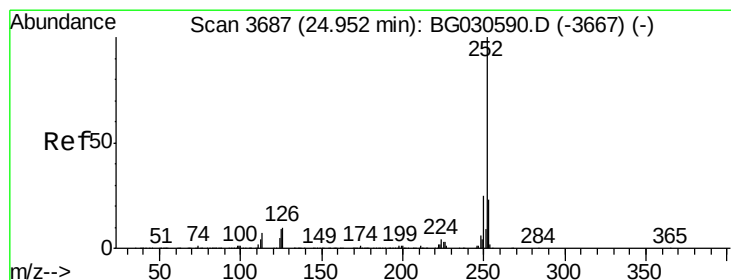
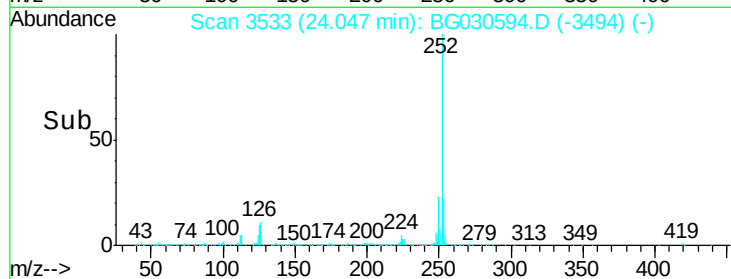
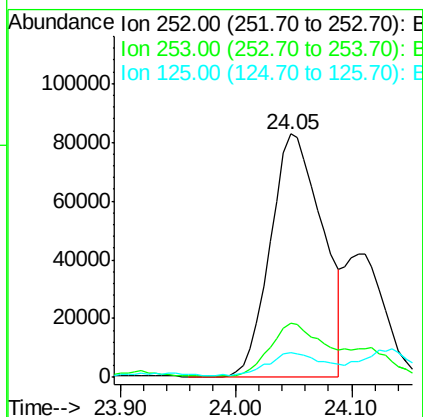
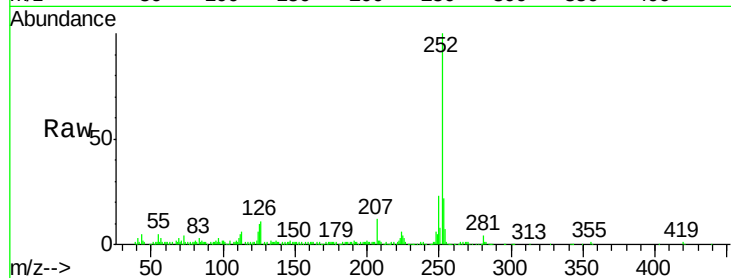
Time-->



#86
Benzo(k)fluoranthene
Concen: 7.61 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.07 min
Lab File: BG030594.D
Acq: 31 Oct 2017 1:01

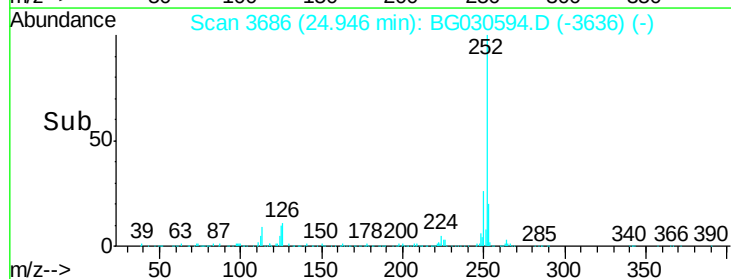
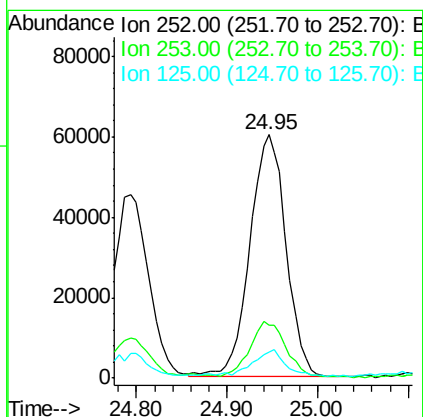
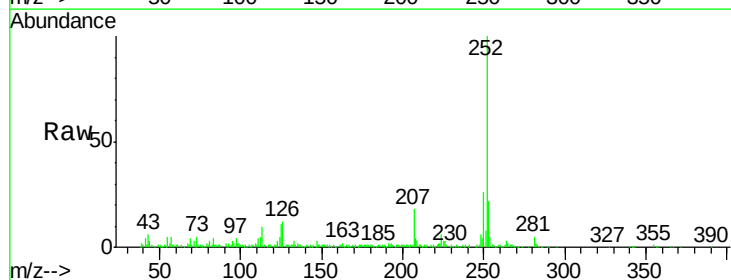
Instrument :
BNA_G
ClientSampleId :

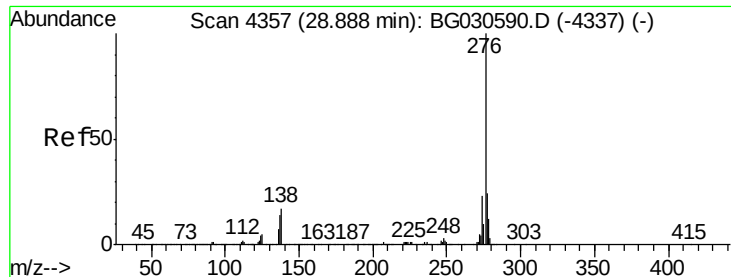
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.3	7.8	11.8



#88
Benzo(a)pyrene
Concen: 4.83 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG030594.D
Acq: 31 Oct 2017 1:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.8	7.8	11.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.33 ng/ul

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Instrument :

BNA_G

ClientSampleId :

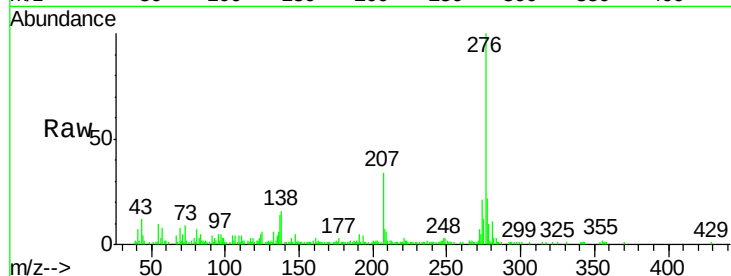
Tot Ion:276 Resp: 129388

Ion Ratio Lower Upper

276 100

138 15.8 13.4 20.0

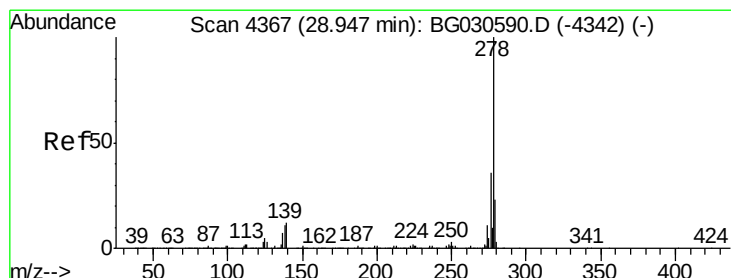
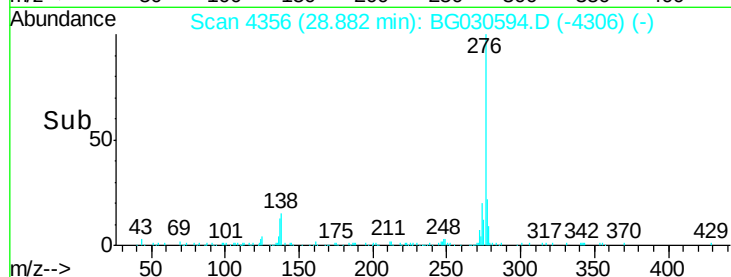
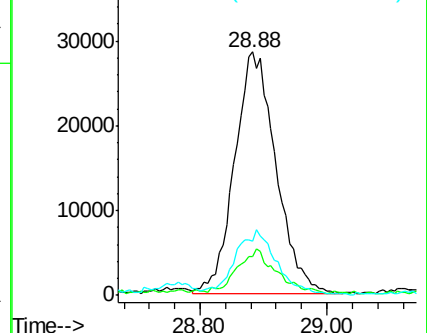
277 22.5 18.6 28.0



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



#90

Dibenzo(a,h)anthracene

Concen: 1.02 ng/ul

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

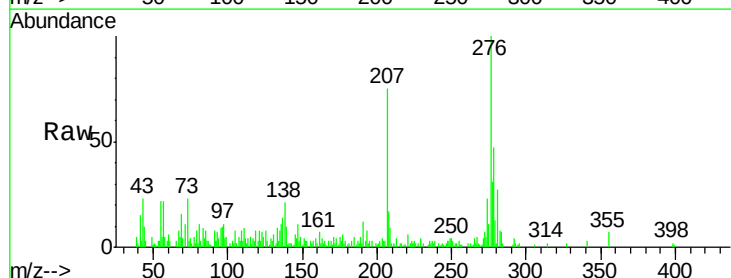
Tgt Ion:278 Resp: 32930

Ion Ratio Lower Upper

278 100

139 22.3 9.4 14.2#

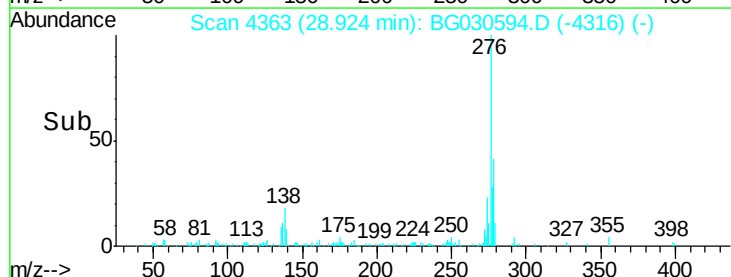
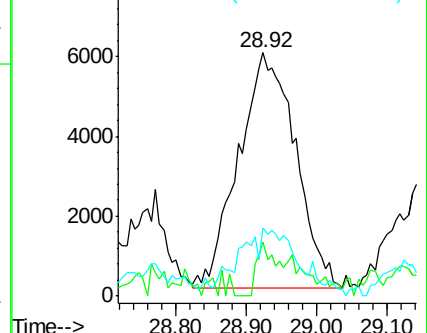
279 27.8 18.4 27.6#

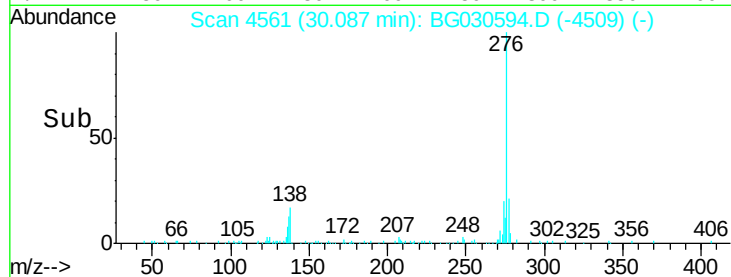
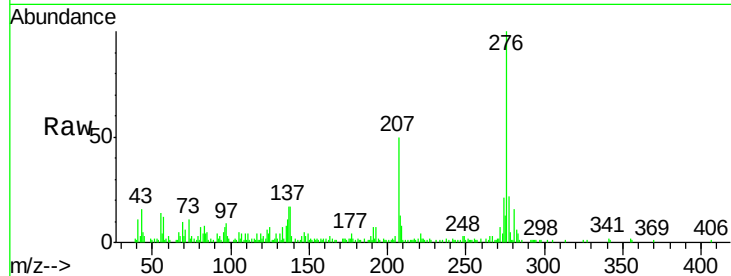
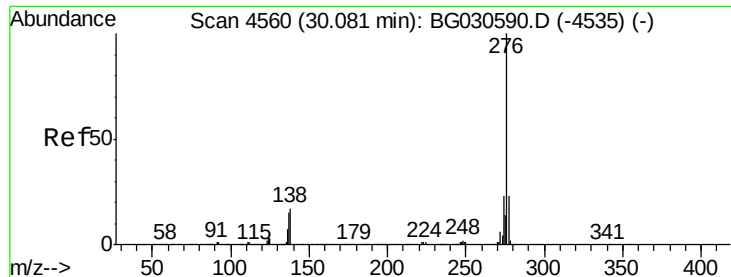


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.31 ng/ul

RT: 30.09 min Scan# 4561

Delta R.T. 0.01 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 106444

Ion Ratio Lower Upper

276 100

138 16.9 12.1 18.1

277 22.2 17.7 26.5

