

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103017\
 Data File : BG030596.D
 Acq On : 31 Oct 2017 2:16
 Operator : SJ/JU
 Sample : I5842-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 07:19:02 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	86399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	425896	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	265339	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	577411	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	607755	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	606869	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	8616	4.05	ng/uL	0.00
5) Phenol-d5	7.32	99	186383	22.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	108242	20.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	152417	26.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	118260	17.66	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	79664	26.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	94629	30.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	176397	24.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	38040	4.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	524944	23.14	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	674106	24.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	72211	17.24	ng/ul	0.00
57) Fluorene-d10	15.77	176	483576	26.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	78984	28.02	ng/ul	0.00
70) Anthracene-d10	17.62	188	675616	24.74	ng/ul	0.00
76) Pyrene-d10	19.89	212	789633	25.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	738778	25.70	ng/ul	0.00

Target Compounds

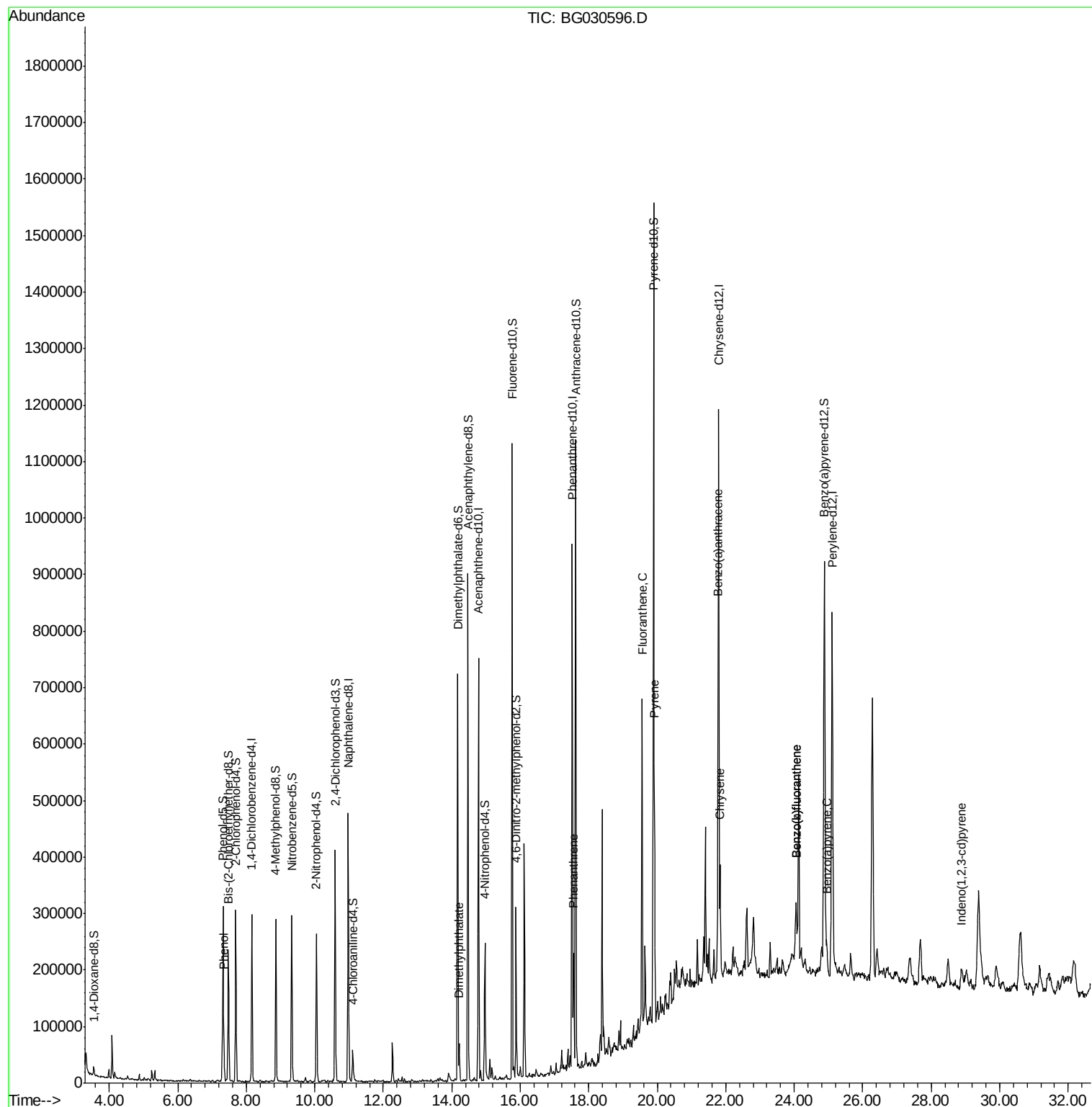
						Ovalue
6) Phenol	7.34	94	29194	3.40	ng/ul	91
44) Dimethylphthalate	14.22	163	45863	2.07	ng/ul#	97
69) Phenanthrene	17.56	178	129090	4.14	ng/ul	100
74) Fluoranthene	19.56	202	366878	10.52	ng/ul	99
77) Pyrene	19.92	202	278766	6.84	ng/ul	99
80) Benzo(a)anthracene	21.77	228	92979	2.44	ng/ul	99
82) Chrysene	21.84	228	159603	4.61	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	123494	3.39	ng/ul	96
86) Benzo(k)fluoranthene	24.05	252	123494	3.51	ng/ul	97
88) Benzo(a)pyrene	24.95	252	60018	1.69	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.89	276	44476	1.11	ng/ul	97

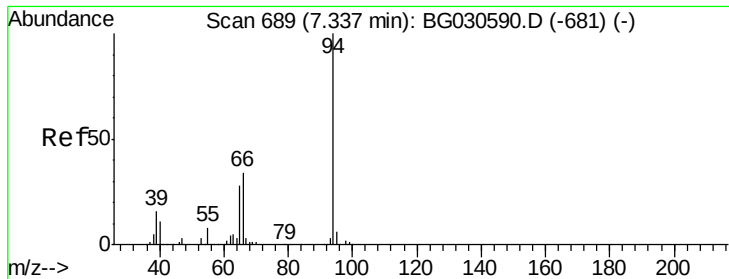
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.40 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Instrument :

BNA_G

ClientSampleId :

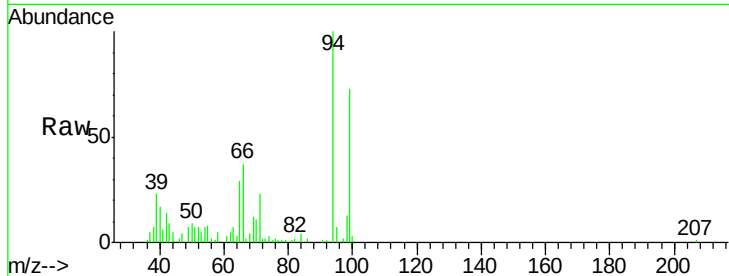
Tot Ion: 94 Resp: 29194

Ion Ratio Lower Upper

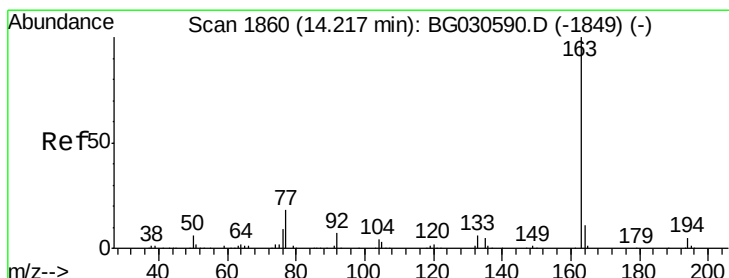
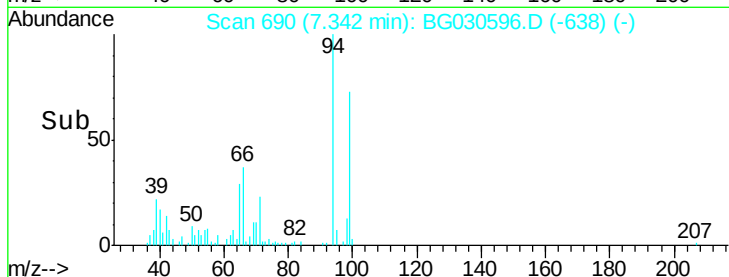
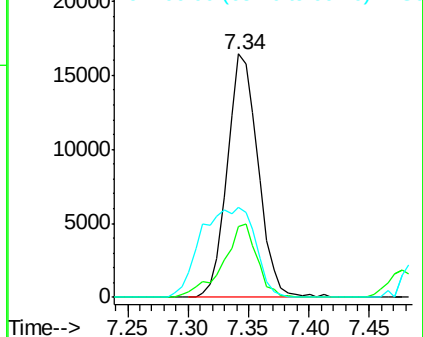
94 100

65 29.3 27.1 40.7

66 37.0 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: 2.07 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

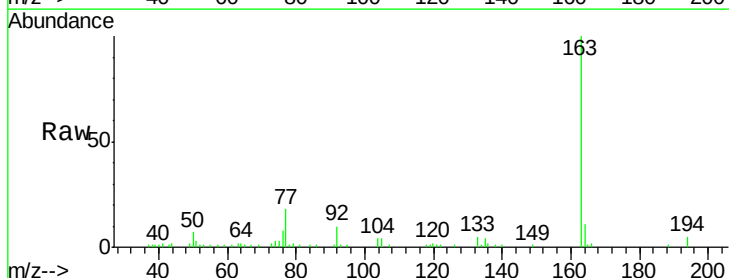
Tgt Ion:163 Resp: 45863

Ion Ratio Lower Upper

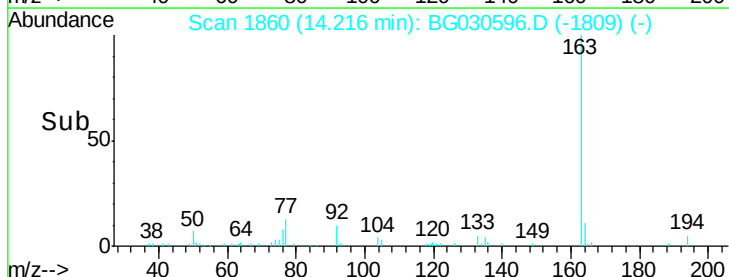
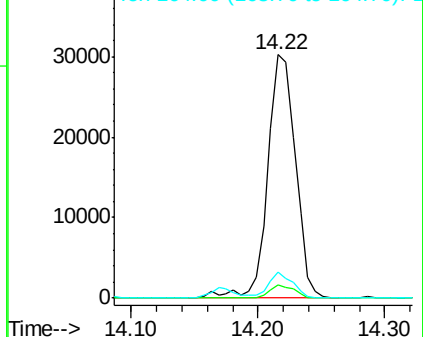
163 100

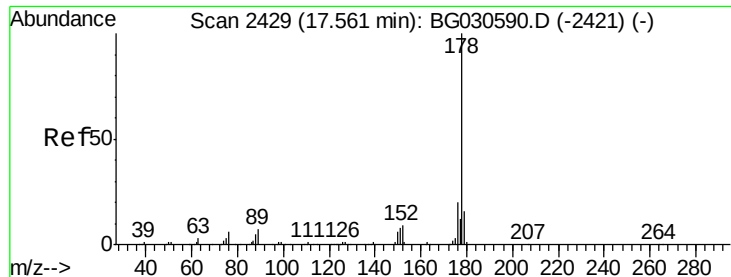
194 5.3 3.5 5.3#

164 10.7 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: 4.14 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

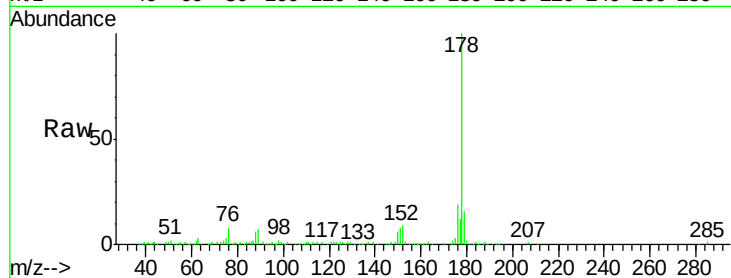
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 129090

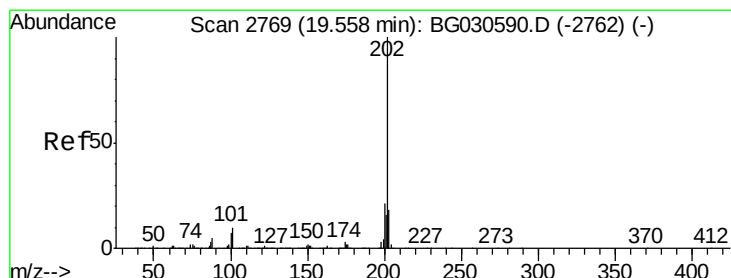
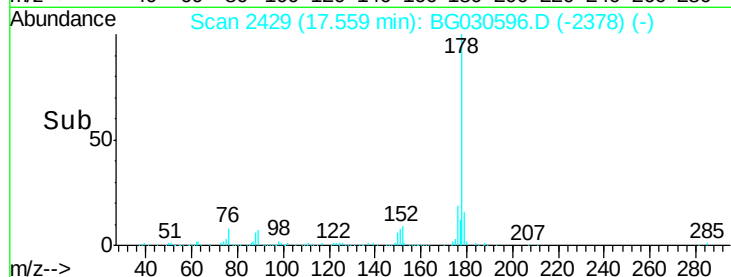
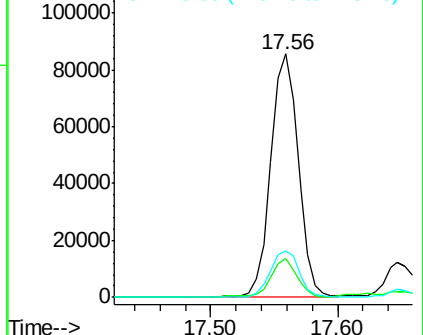
Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	19.1	15.3	22.9



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: 10.52 ng/ul

RT: 19.56 min Scan# 2769

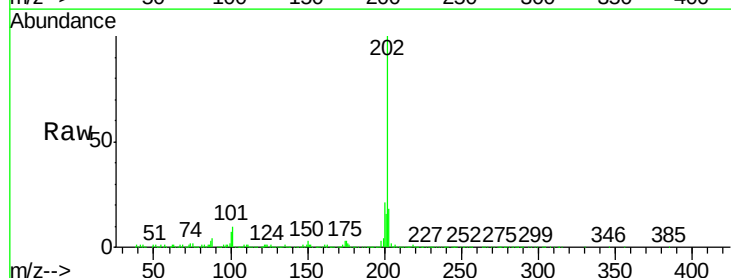
Delta R.T. -0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Tgt Ion:202 Resp: 366878

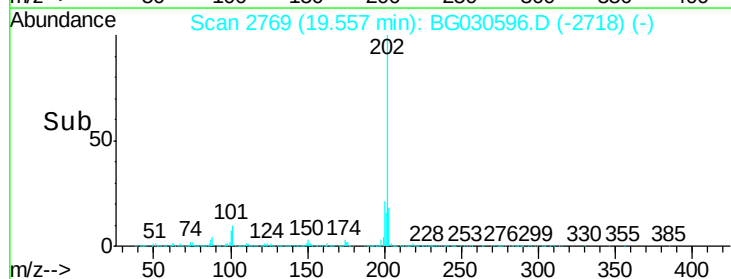
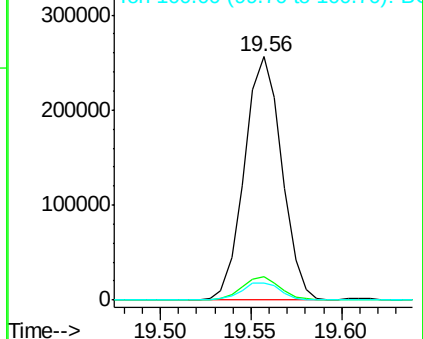
Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.4	11.2
100	6.8	5.6	8.4

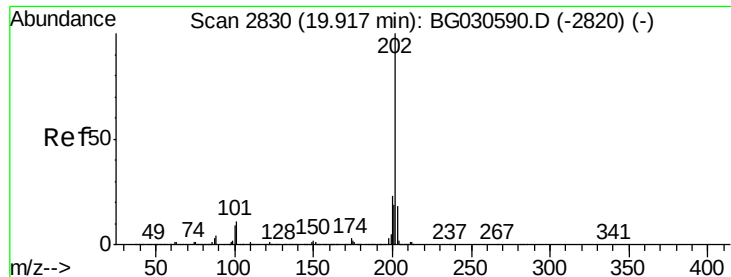


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 6.84 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Instrument :

BNA_G

ClientSampleId :

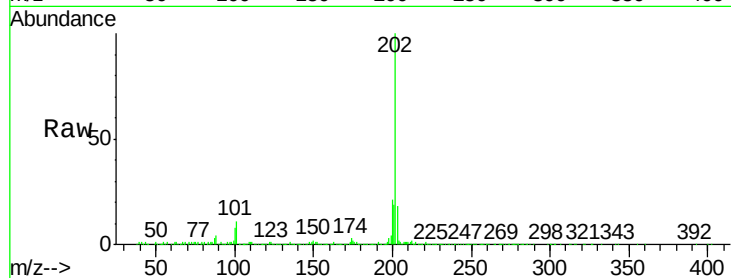
Tot Ion:202 Resp: 278766

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

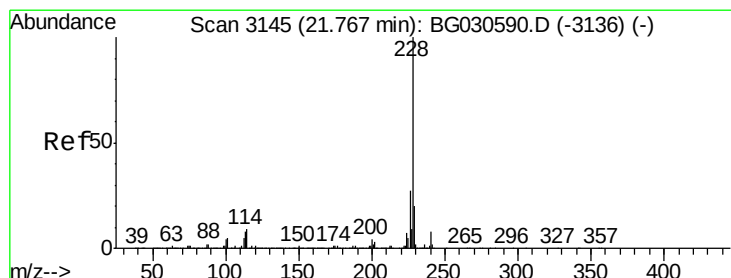
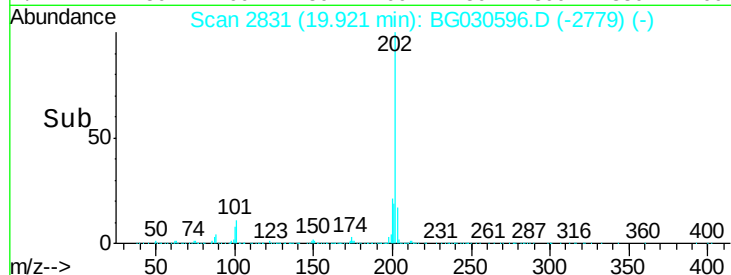
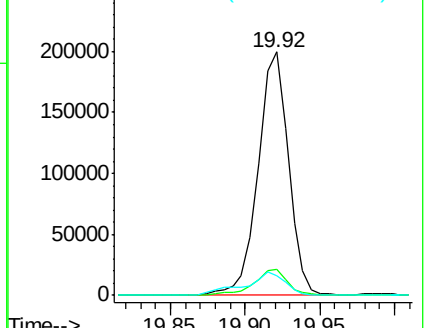
100 8.2 7.0 10.6



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



#80

Benzo(a)anthracene

Concen: 2.44 ng/ul

RT: 21.77 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

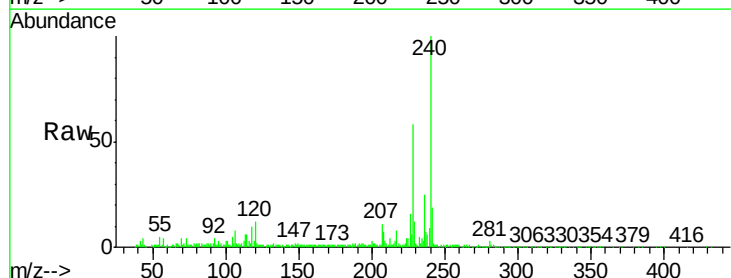
Tgt Ion:228 Resp: 92979

Ion Ratio Lower Upper

228 100

229 21.2 16.2 24.4

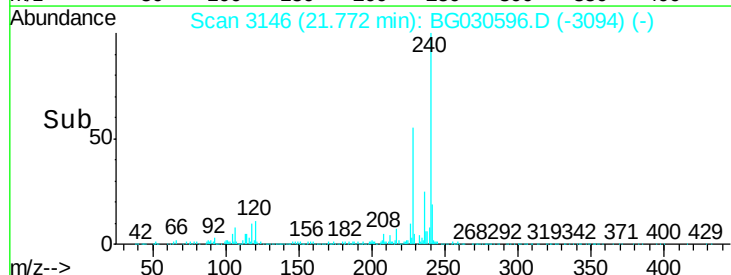
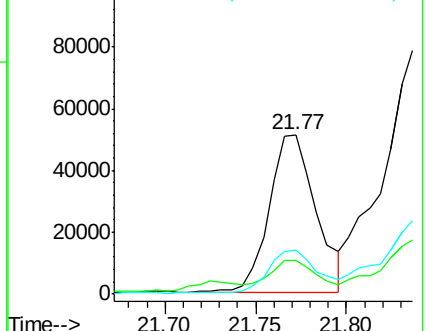
226 27.3 22.2 33.2

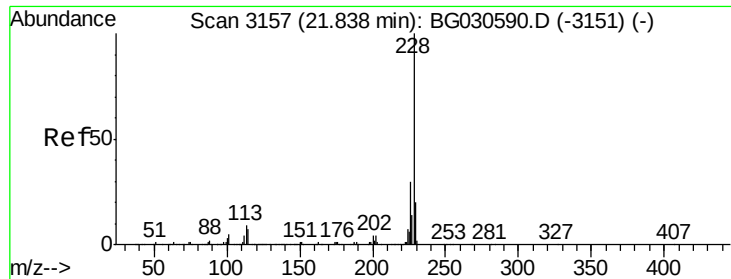


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 4.61 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Instrument :

BNA_G

ClientSampleId :

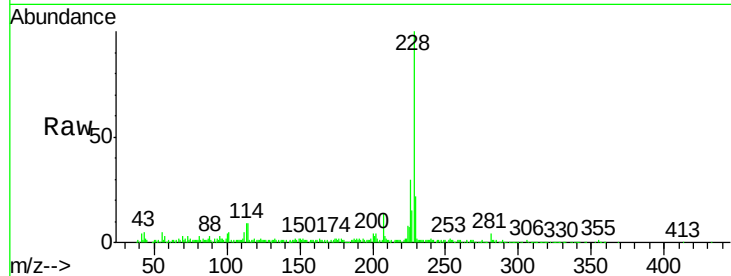
Tot Ion:228 Resp: 159603

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

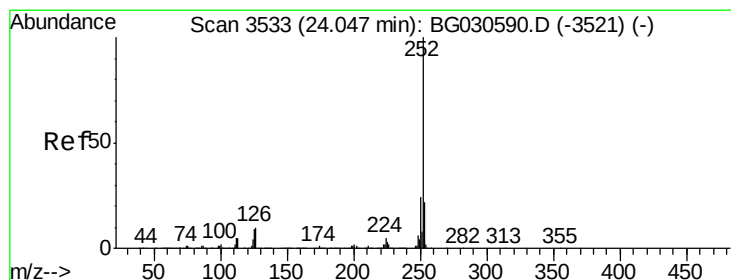
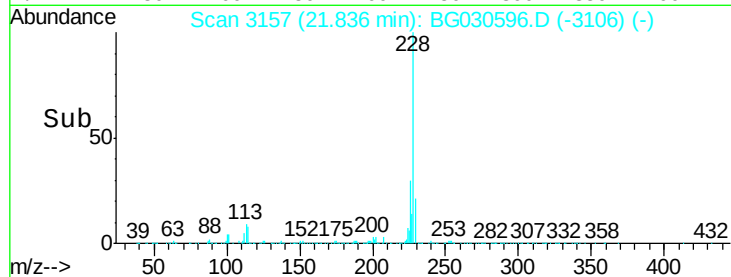
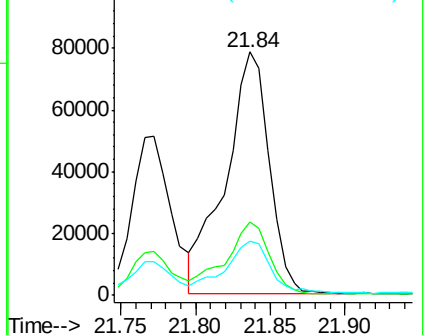
229 22.4 15.2 22.8



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



#85

Benzo(b)fluoranthene

Concen: 3.39 ng/ul

RT: 24.05 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

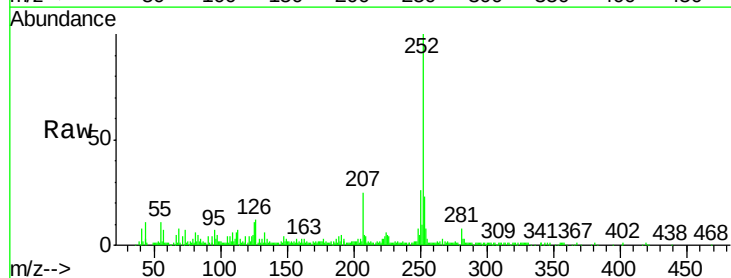
Tgt Ion:252 Resp: 123494

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

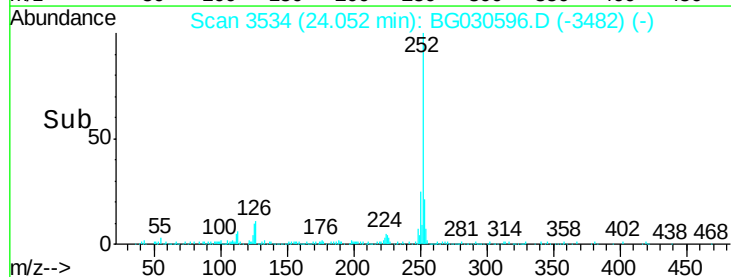
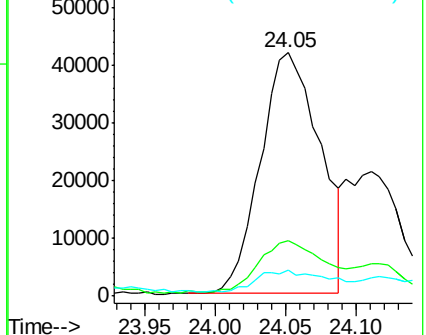
125 10.8 7.5 11.3

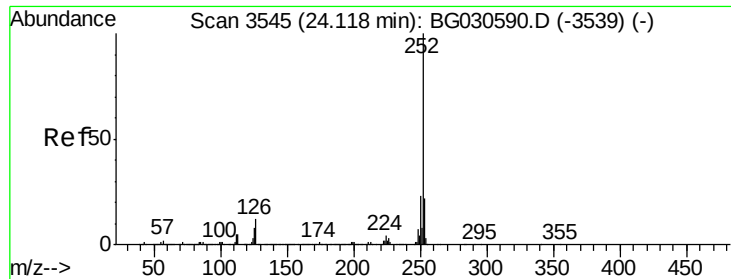


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 3.51 ng/ul

RT: 24.05 min Scan# 3534

Delta R.T. -0.07 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Instrument :

BNA_G

ClientSampleId :

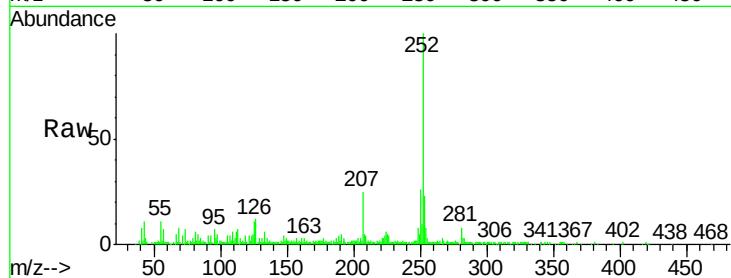
Tot Ion:252 Resp: 123494

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

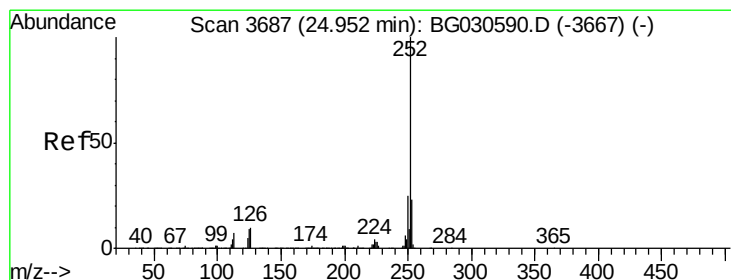
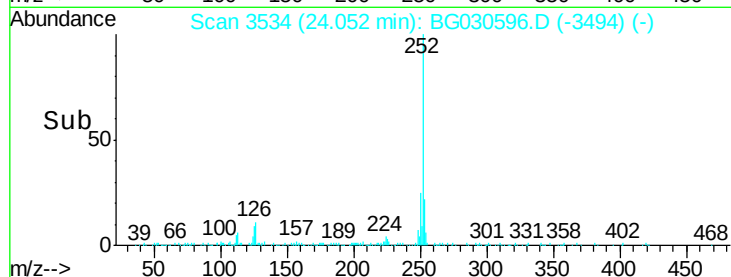
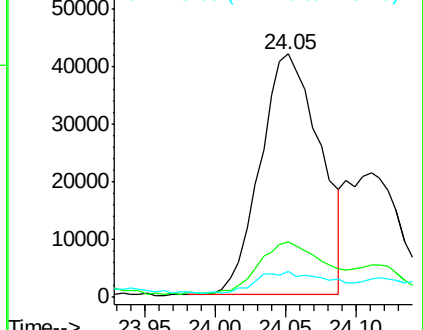
125 10.8 7.8 11.8



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



#88

Benzo(a)pyrene

Concen: 1.69 ng/ul

RT: 24.95 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

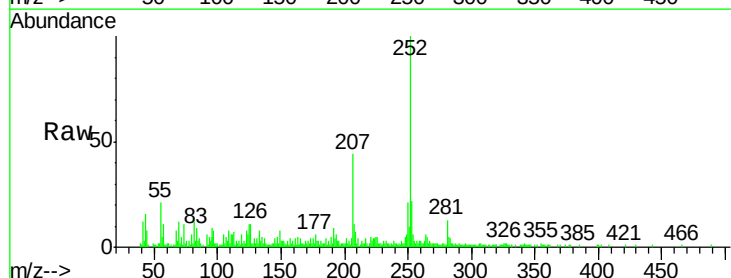
Tgt Ion:252 Resp: 60018

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

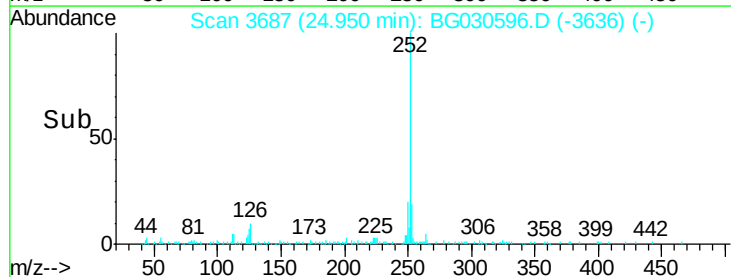
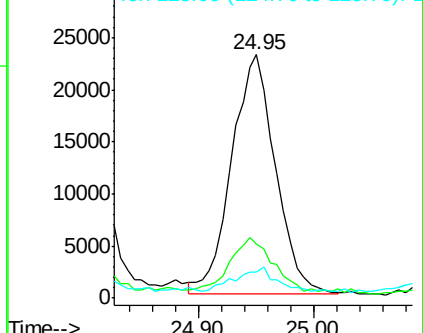
125 10.8 7.8 11.8

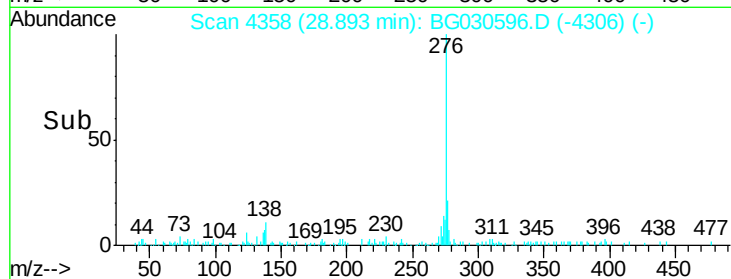
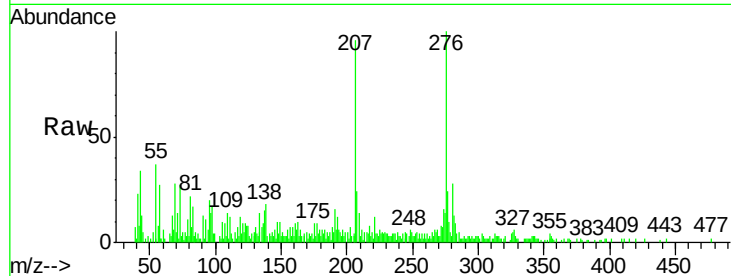
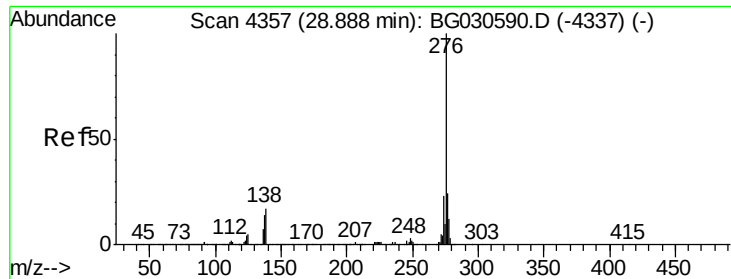


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.11 ng/ul

RT: 28.89 min Scan# 4358

Delta R.T. 0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 44476

Ion Ratio Lower Upper

276 100

138 18.1 13.4 20.0

277 24.3 18.6 28.0

