

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110917\
 Data File : BG030885.D
 Acq On : 9 Nov 2017 18:19
 Operator : SJ/JU
 Sample : I6286-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 10 01:23:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 01:20:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	47664	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	219962	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	152241	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	394941	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	447462	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	433649	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	4075	3.48	ng/uL	0.00
5) Phenol-d5	7.31	99	71771	15.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	49030	17.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	65234	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	51447	13.92	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	36809	23.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	44101	27.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	75699	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	85229	19.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	276989	21.28	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	340443	21.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	36559	15.21	ng/ul	0.00
57) Fluorene-d10	15.75	176	260404	24.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	43130	22.37	ng/ul	0.00
70) Anthracene-d10	17.61	188	418977	22.43	ng/ul	0.00
76) Pyrene-d10	19.88	212	525582	22.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	485894	23.66	ng/ul	0.00

Target Compounds

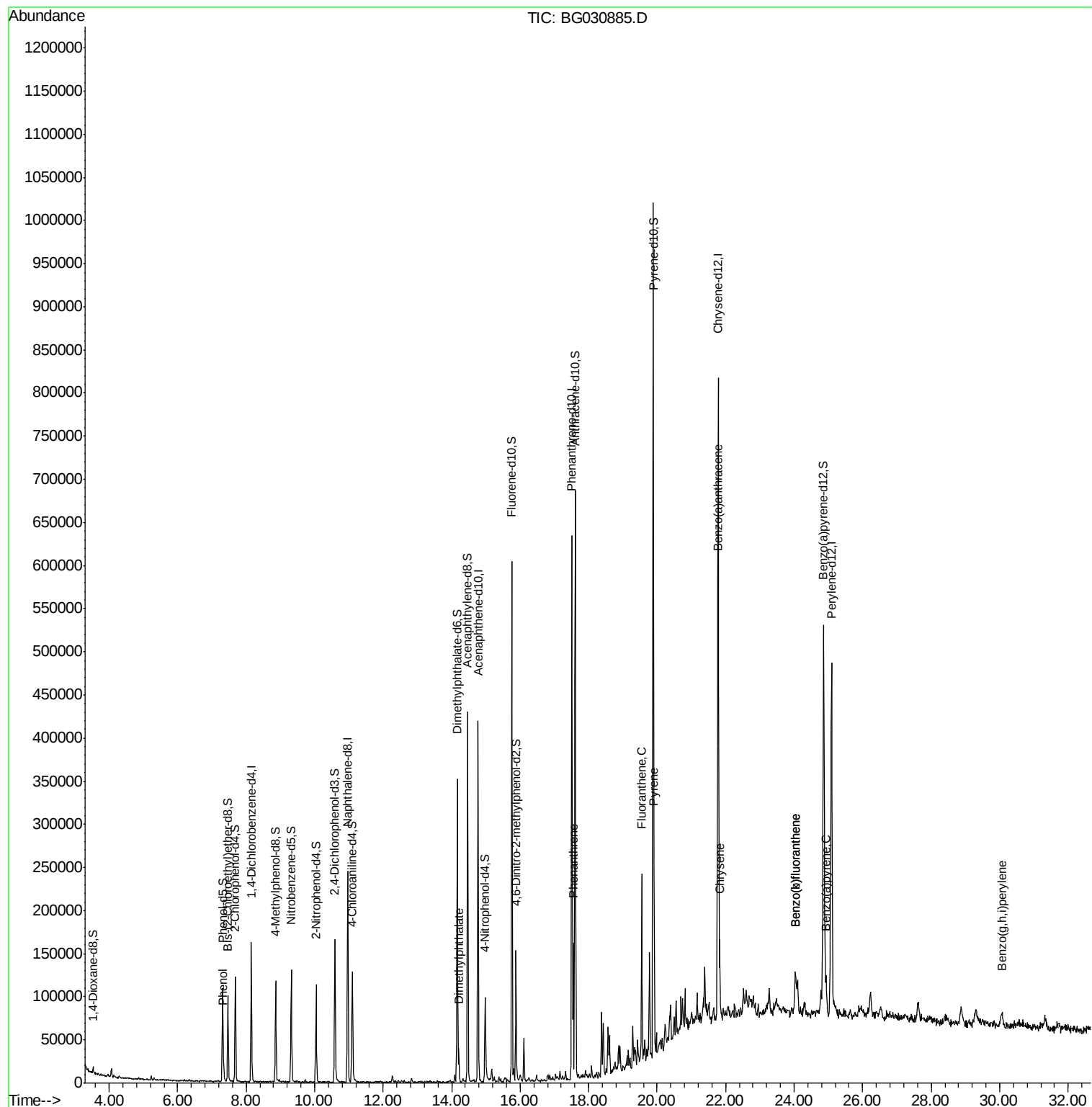
						Ovalue
6) Phenol	7.34	94	6582	1.39	ng/ul	93
44) Dimethylphthalate	14.21	163	27079	2.13	ng/ul	100
69) Phenanthrene	17.55	178	101614	4.76	ng/ul	97
74) Fluoranthene	19.55	202	129503	5.43	ng/ul	99
77) Pyrene	19.91	202	138922	4.63	ng/ul	97
80) Benzo(a)anthracene	21.76	228	57619	2.05	ng/ul	96
82) Chrysene	21.83	228	65374	2.57	ng/ul	98
85) Benzo(b)fluoranthene	24.04	252	58057	2.23	ng/ul	95
86) Benzo(k)fluoranthene	24.04	252	58057	2.31	ng/ul	95
88) Benzo(a)pyrene	24.93	252	46423	1.83	ng/ul	100
91) Benzo(g,h,i)perylene	30.05	276	27616	1.16	ng/ul#	85

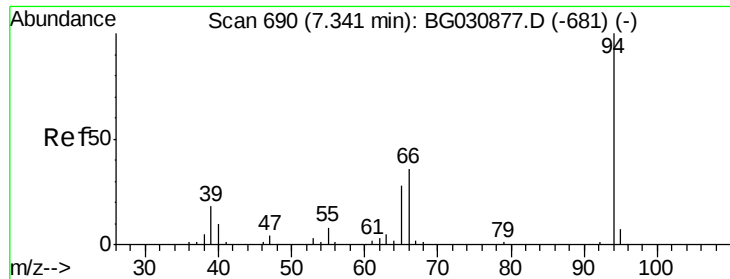
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.39 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

Instrument :

BNA_G

ClientSampled :

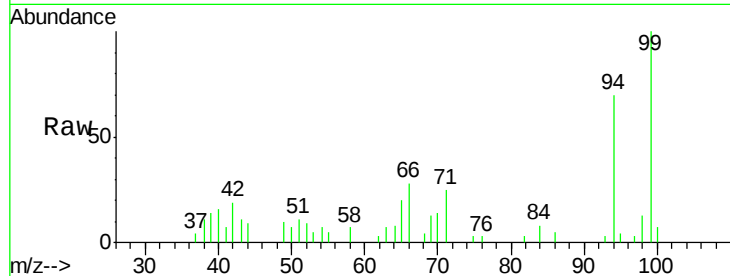
Tot Ion: 94 Resp: 6582

Ion Ratio Lower Upper

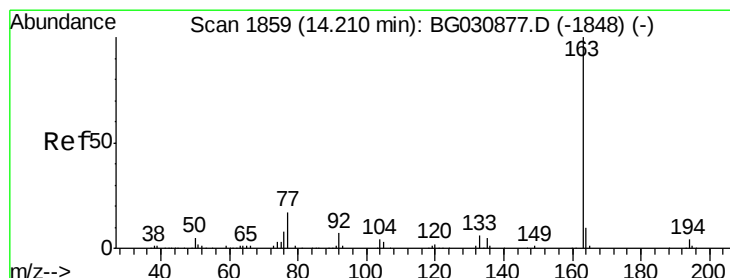
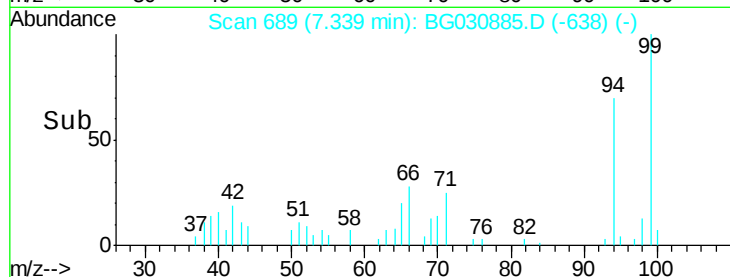
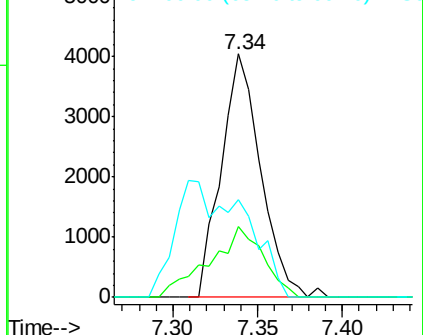
94 100

65 29.0 27.1 40.7

66 39.9 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: 2.13 ng/ul

RT: 14.21 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

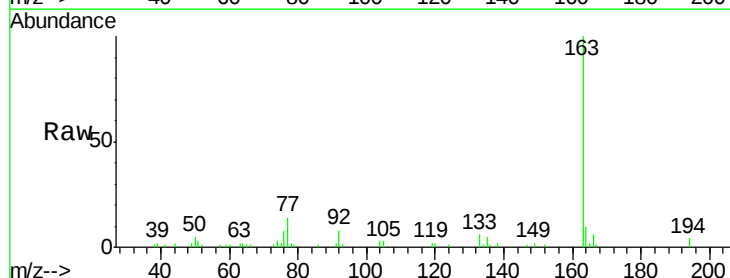
Tgt Ion:163 Resp: 27079

Ion Ratio Lower Upper

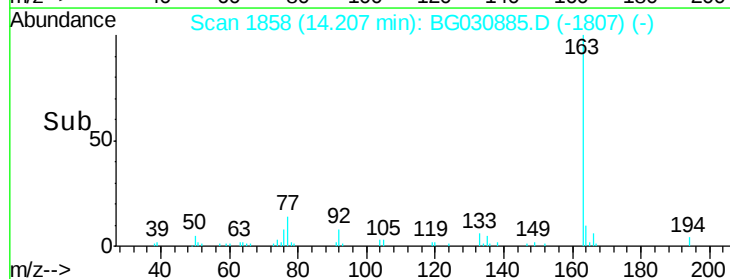
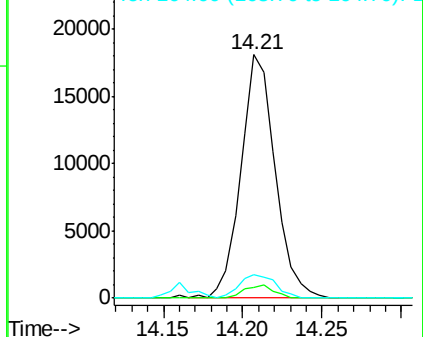
163 100

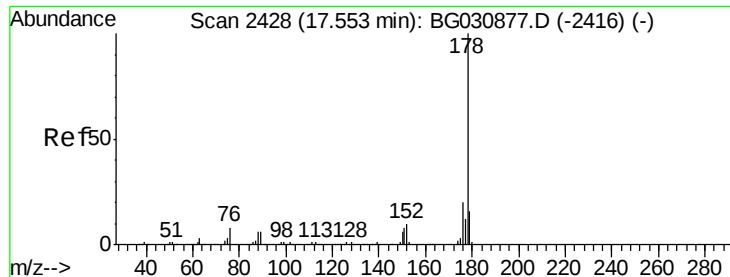
194 4.5 3.5 5.3

164 9.6 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: 4.76 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

Instrument :

BNA_G

ClientSampleId :

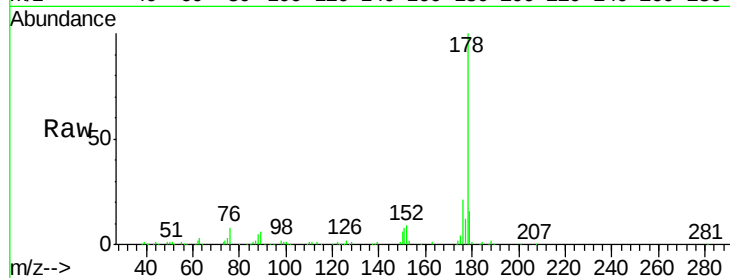
Tot Ion:178 Resp: 101614

Ion Ratio Lower Upper

178 100

179 15.8 13.0 19.6

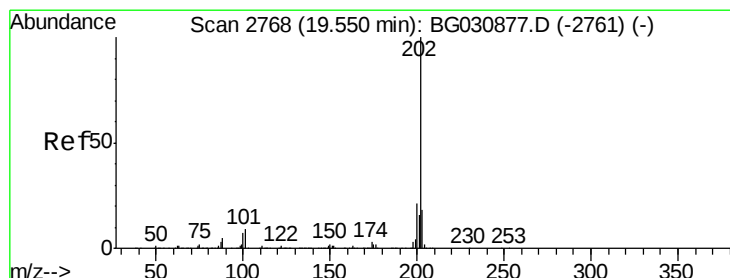
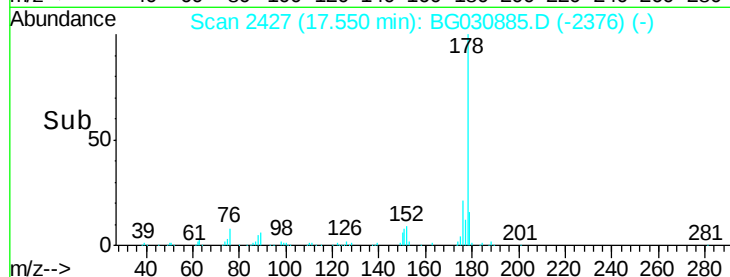
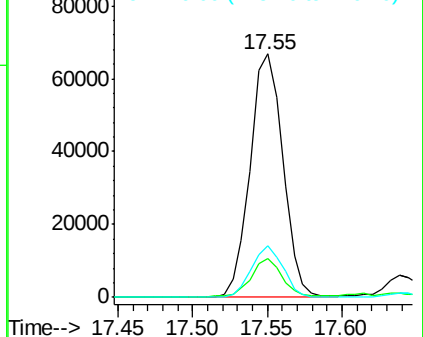
176 21.3 15.3 22.9



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: 5.43 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

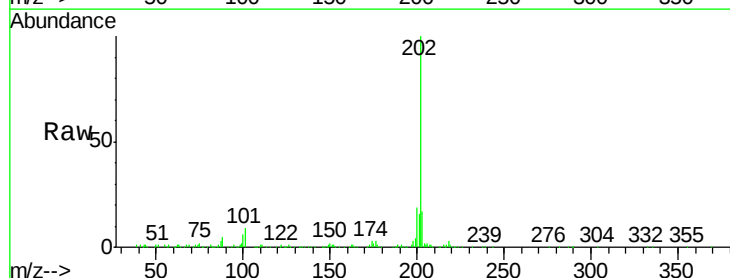
Tgt Ion:202 Resp: 129503

Ion Ratio Lower Upper

202 100

101 8.9 7.4 11.2

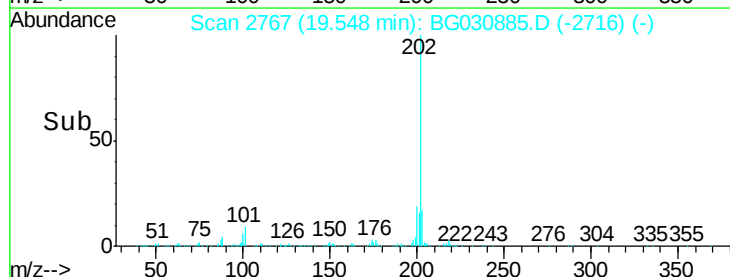
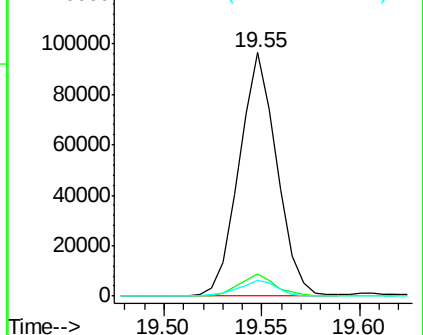
100 6.5 5.6 8.4

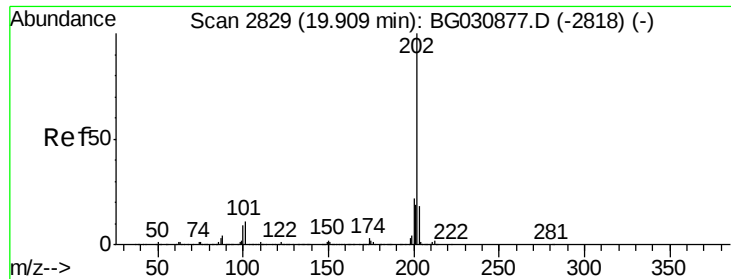


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 4.63 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

Instrument :

BNA_G

ClientSampleId :

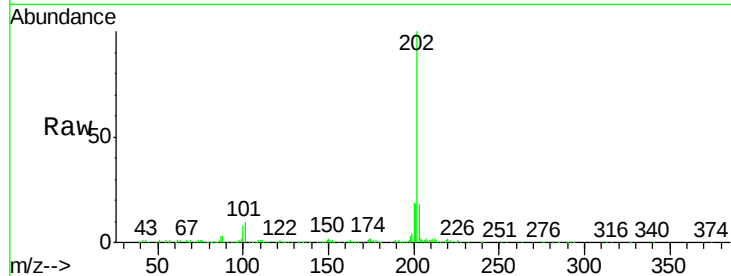
Tot Ion:202 Resp: 138922

Ion Ratio Lower Upper

202 100

101 9.5 8.4 12.6

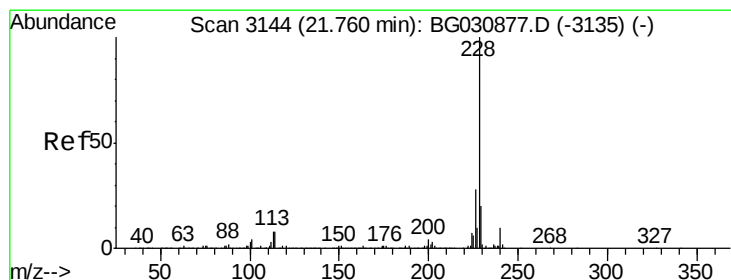
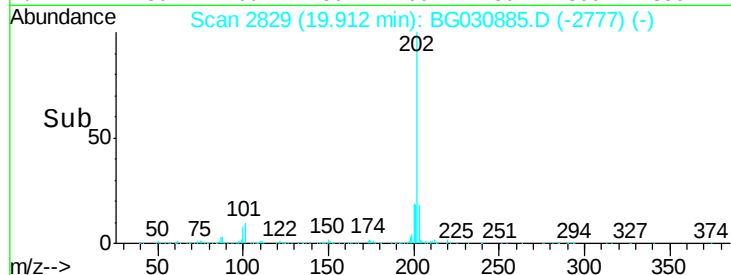
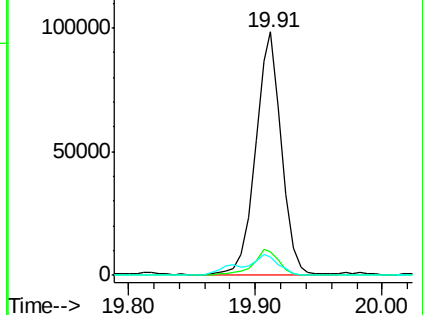
100 7.7 7.0 10.6



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



#80

Benzo(a)anthracene

Concen: 2.05 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

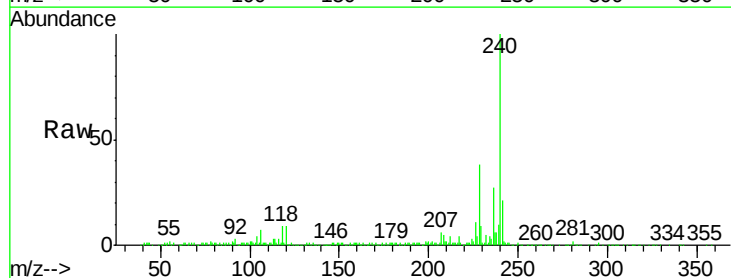
Tgt Ion:228 Resp: 57619

Ion Ratio Lower Upper

228 100

229 23.0 16.2 24.4

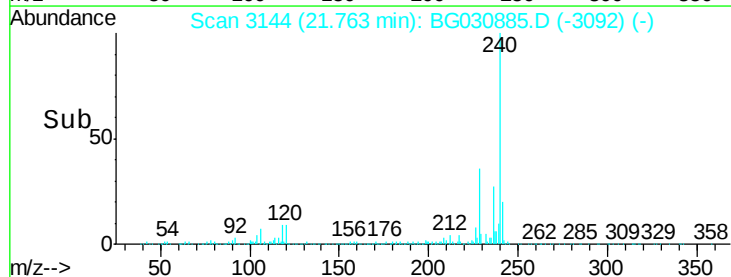
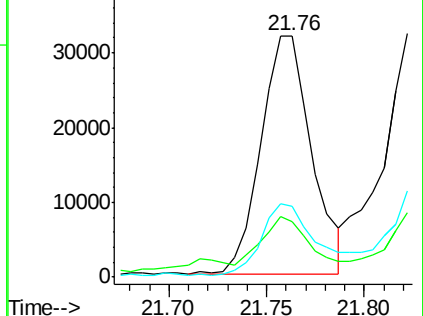
226 29.3 22.2 33.2

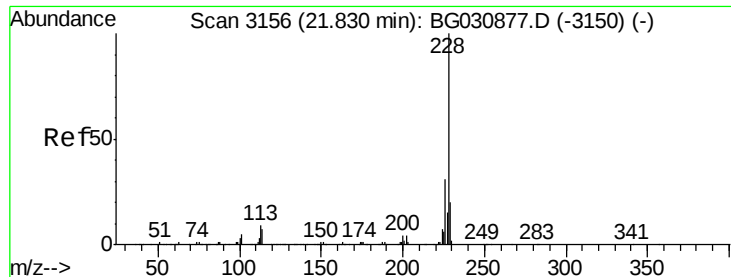


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.57 ng/ul

RT: 21.83 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

Instrument :

BNA_G

ClientSampleId :

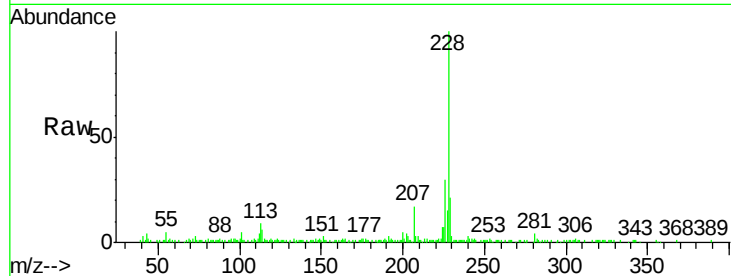
Tot Ion:228 Resp: 65374

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

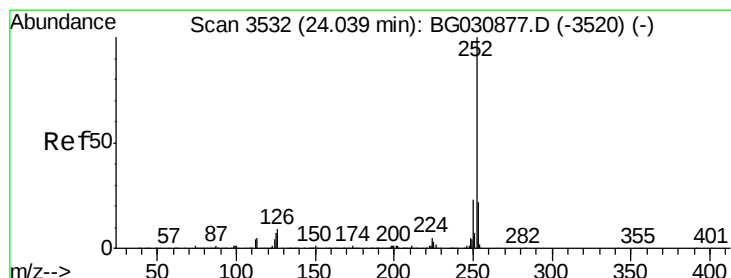
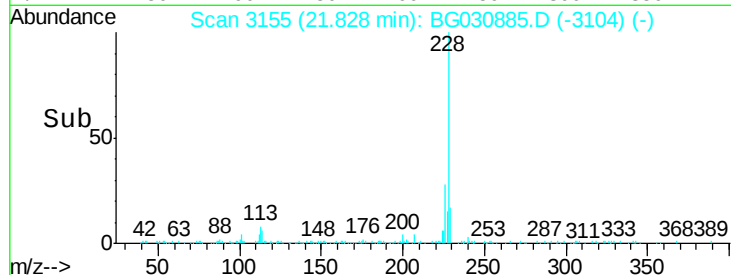
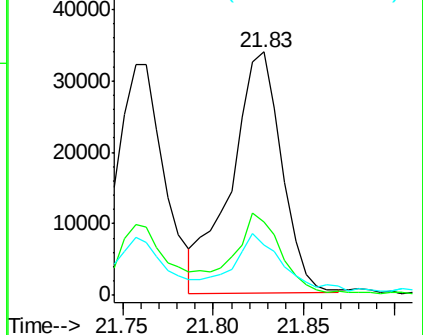
229 20.8 15.2 22.8



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: 2.23 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

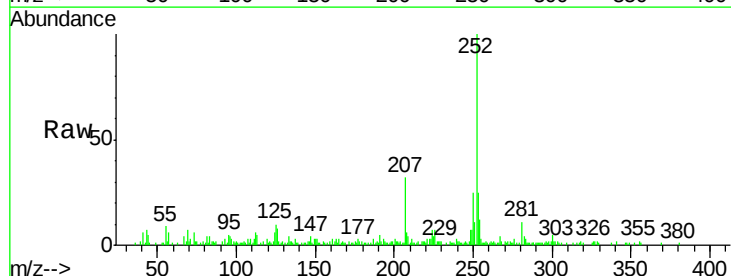
Tgt Ion:252 Resp: 58057

Ion Ratio Lower Upper

252 100

253 24.5 17.0 25.4

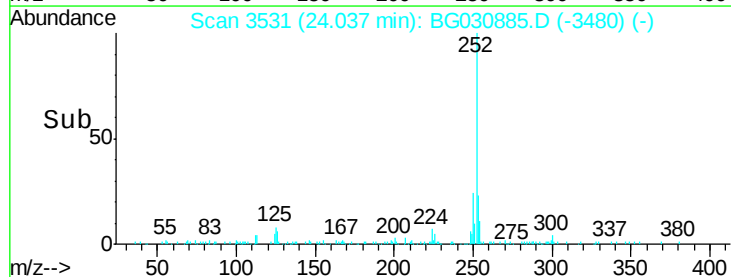
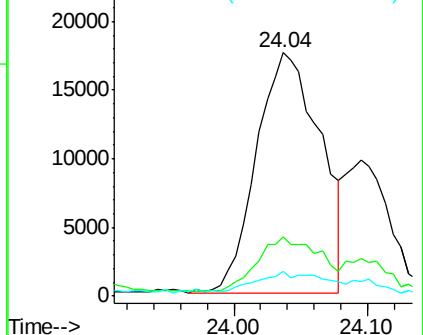
125 10.0 7.5 11.3

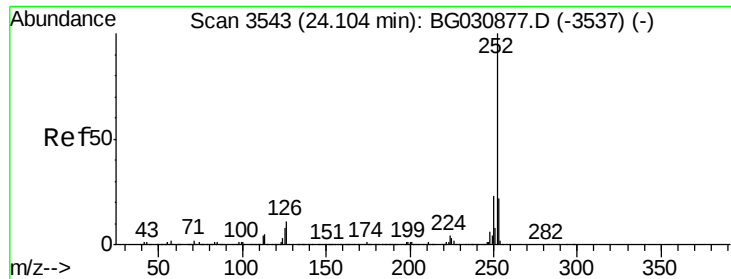


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.31 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. -0.07 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

Instrument :

BNA_G

ClientSampled :

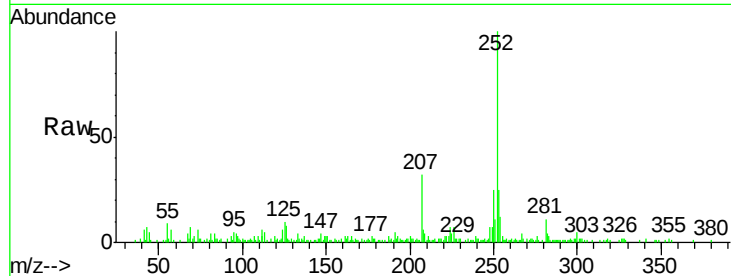
Tot Ion:252 Resp: 58057

Ion Ratio Lower Upper

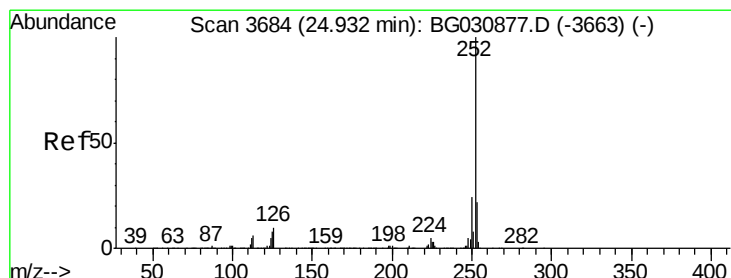
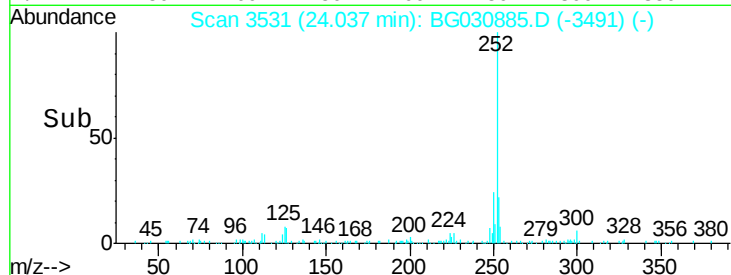
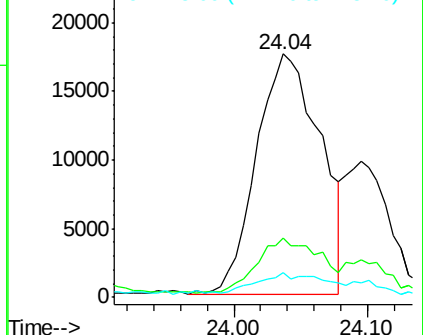
252 100

253 24.5 17.2 25.8

125 10.0 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: 1.83 ng/ul

RT: 24.93 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

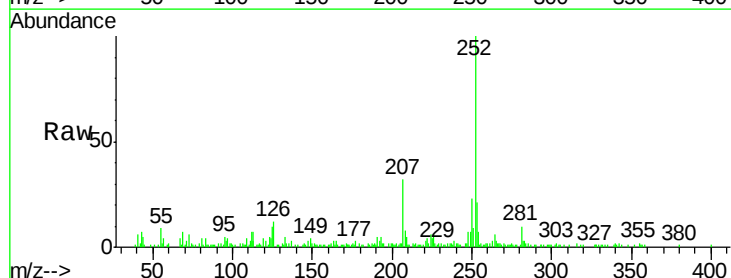
Tgt Ion:252 Resp: 46423

Ion Ratio Lower Upper

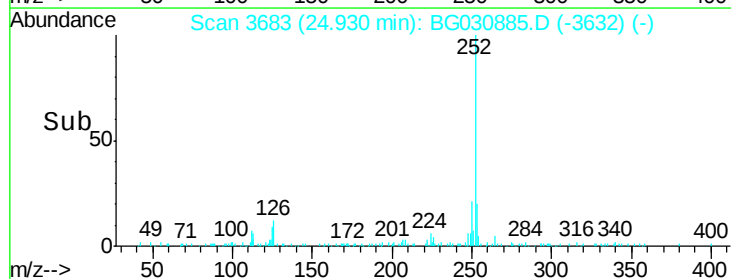
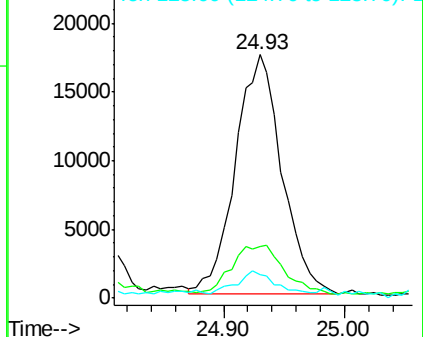
252 100

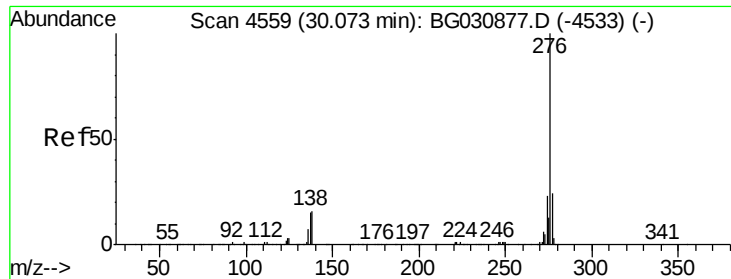
253 21.4 17.1 25.7

125 9.8 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





#91

Benzo(a,h,i)perylene

Concen: 1.16 ng/ul

RT: 30.05 min Scan# 4555

Delta R.T. -0.02 min

Lab File: BG030885.D

Acq: 9 Nov 2017 18:19

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ClientSampleId :

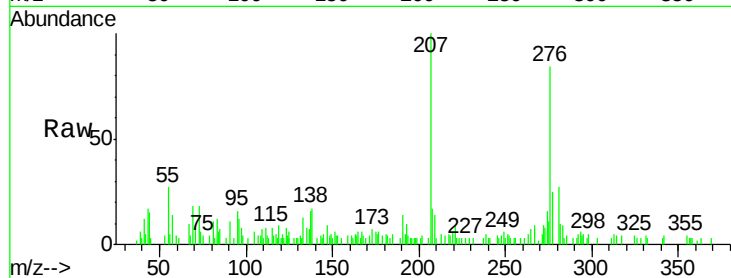
Tot Ion:276 Resp: 27616

Ion Ratio Lower Upper

276 100

138 20.8 12.1 18.1#

277 29.7 17.7 26.5#



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

