

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110917\
 Data File : BG030890.D
 Acq On : 9 Nov 2017 21:27
 Operator : SJ/JU
 Sample : I6286-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 10 01:25:07 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	53980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	247867	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	166585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	429206	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	471990	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	462465	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	7814	5.88	ng/uL	0.00
5) Phenol-d5	7.32	99	152198	29.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	90141	27.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	124996	34.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	132327	31.62	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	65665	36.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	82113	45.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	144075	34.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	181167	37.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	504832	35.45	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	622661	35.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	85810	32.64	ng/ul	0.00
57) Fluorene-d10	15.76	176	469018	40.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	96168	45.90	ng/ul	0.00
70) Anthracene-d10	17.61	188	783621	38.60	ng/ul	0.00
76) Pyrene-d10	19.88	212	927847	37.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	888023	40.54	ng/ul	0.00

Target Compounds

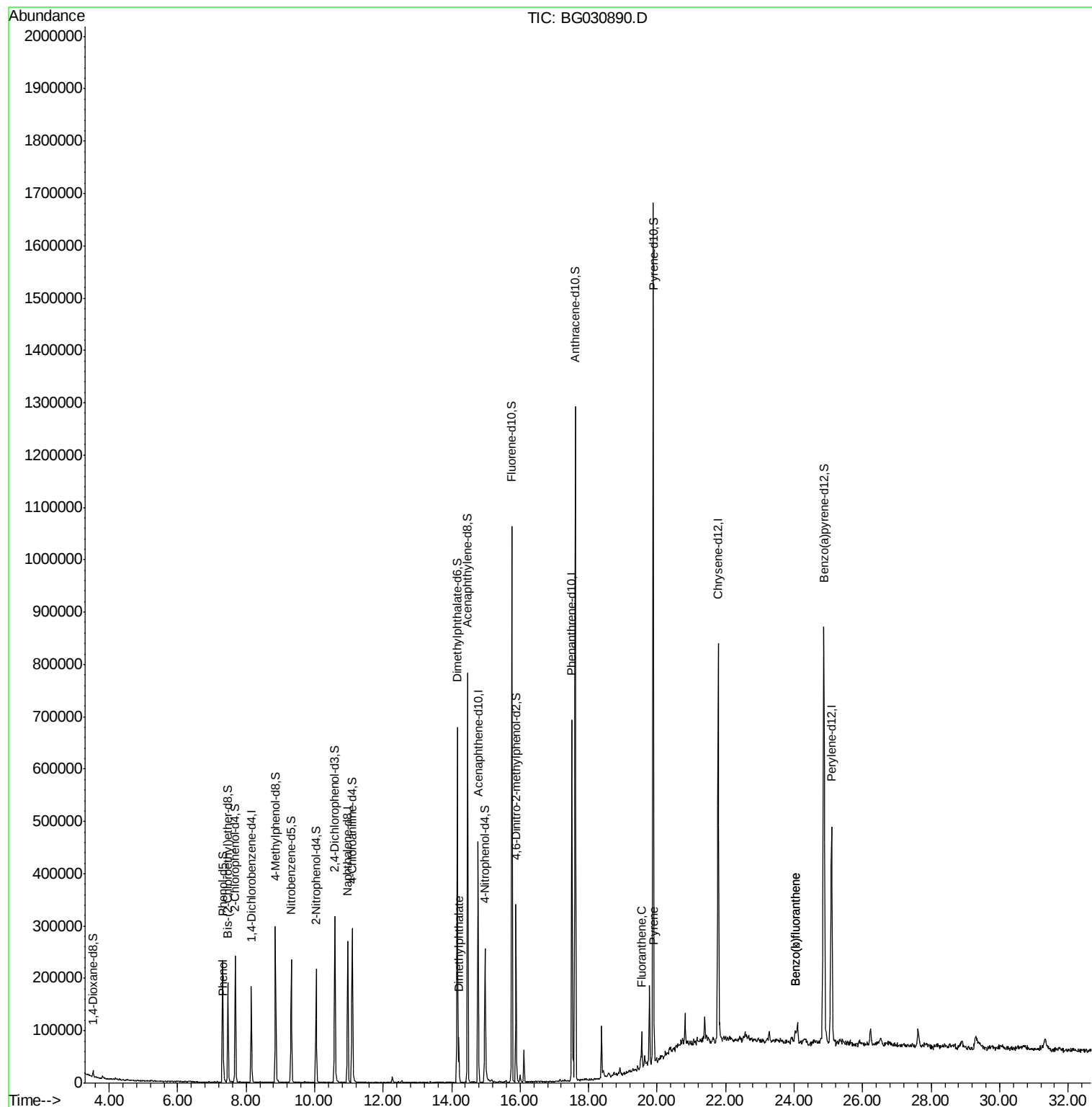
						Ovalue
6) Phenol	7.34	94	11150	2.08	ng/ul	95
44) Dimethylphthalate	14.21	163	61646	4.44	ng/ul	97
74) Fluoranthene	19.55	202	42499	1.64	ng/ul#	96
77) Pyrene	19.91	202	38462	1.22	ng/ul#	96
85) Benzo(b)fluoranthene	24.04	252	28973	1.04	ng/ul#	94
86) Benzo(k)fluoranthene	24.04	252	28973	1.08	ng/ul	95

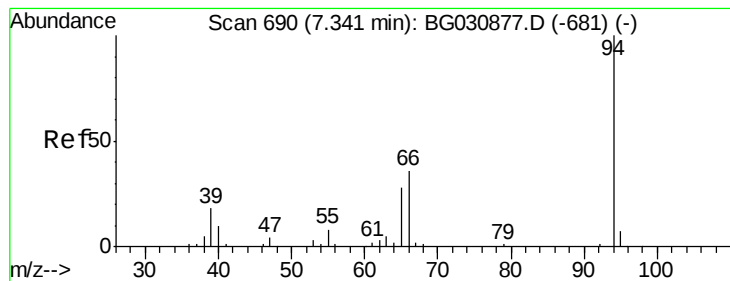
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.08 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030890.D

Acq: 9 Nov 2017 21:27

Instrument :

BNA_G

ClientSampleId :

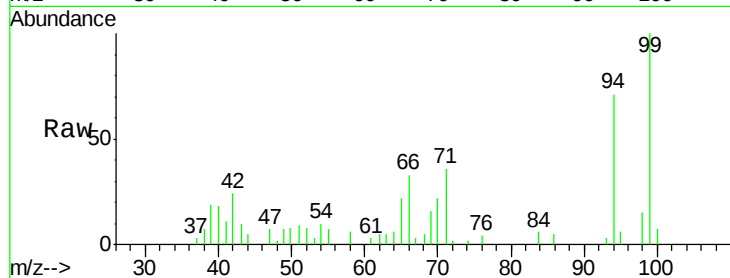
Tot Ion: 94 Resp: 11150

Ion Ratio Lower Upper

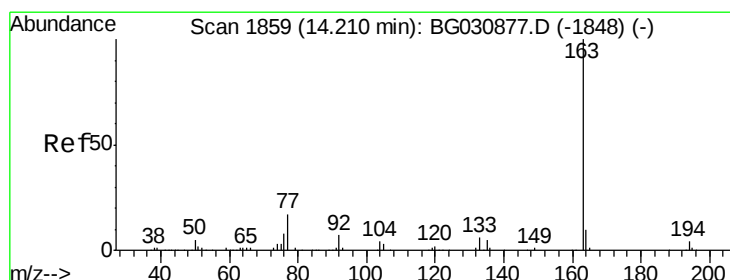
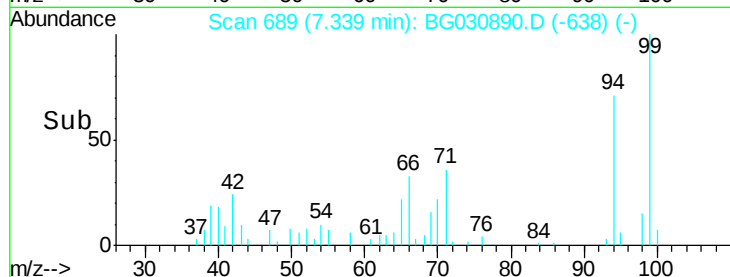
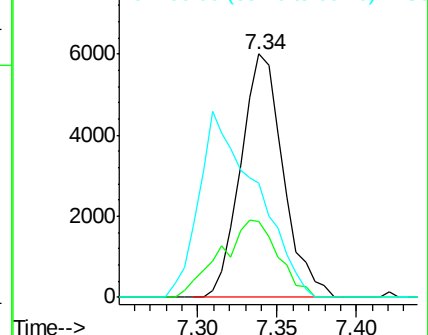
94 100

65 31.0 27.1 40.7

66 46.7 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: 4.44 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG030890.D

Acq: 9 Nov 2017 21:27

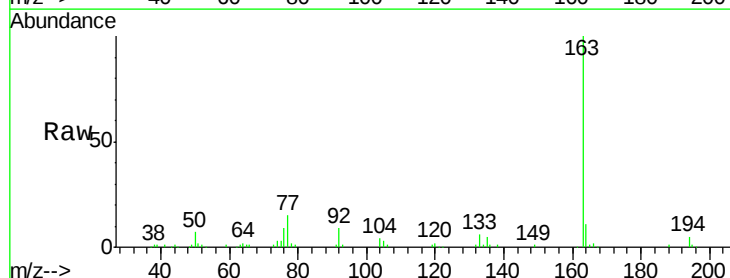
Tgt Ion:163 Resp: 61646

Ion Ratio Lower Upper

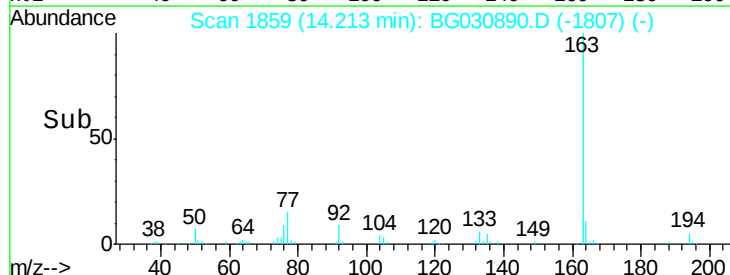
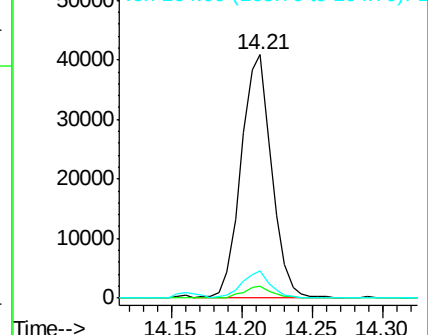
163 100

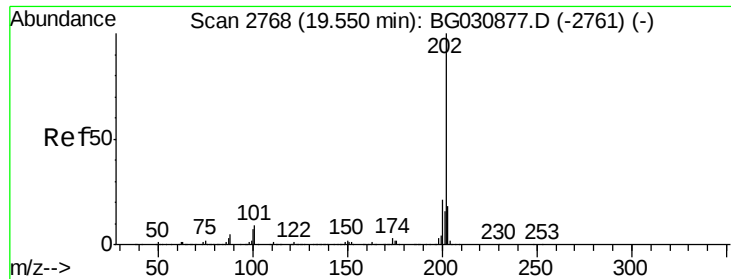
194 4.9 3.5 5.3

164 11.0 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





#74

Fluoranthene

Concen: 1.64 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG030890.D

Acq: 9 Nov 2017 21:27

Instrument :

BNA_G

ClientSampleId :

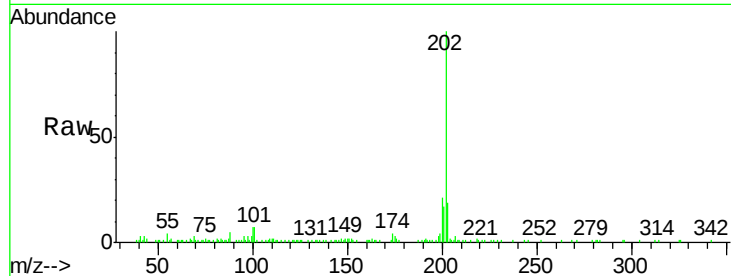
Tot Ion:202 Resp: 42499

Ion Ratio Lower Upper

202 100

101 6.8 7.4 11.2#

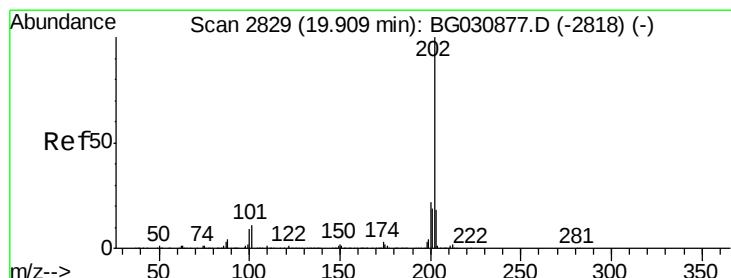
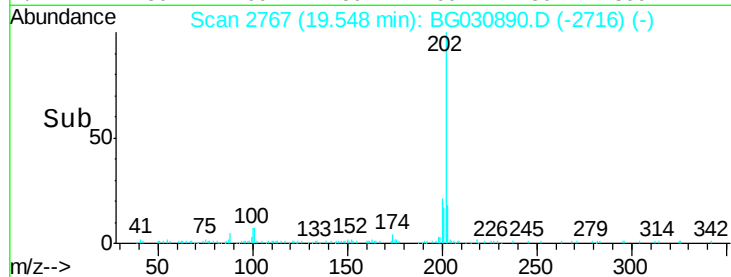
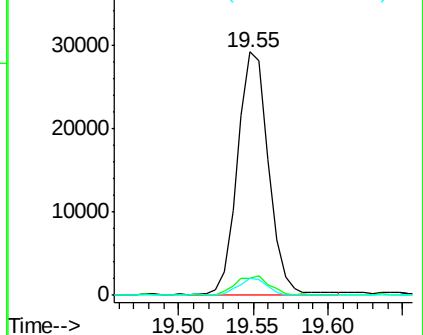
100 6.9 5.6 8.4



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

Pyrene

Concen: 1.22 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG030890.D

Acq: 9 Nov 2017 21:27

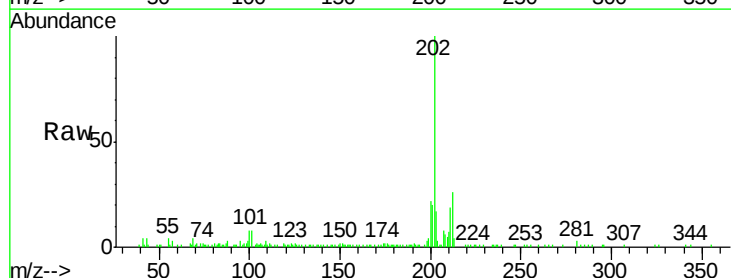
Tgt Ion:202 Resp: 38462

Ion Ratio Lower Upper

202 100

101 8.4 8.4 12.6#

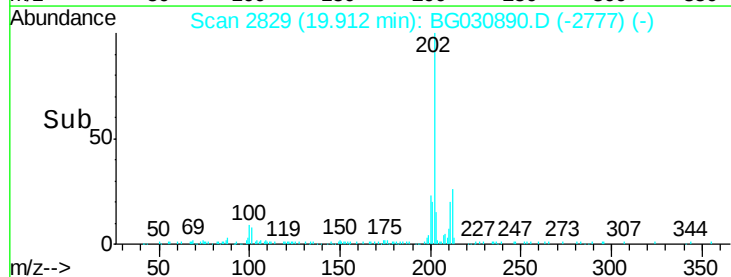
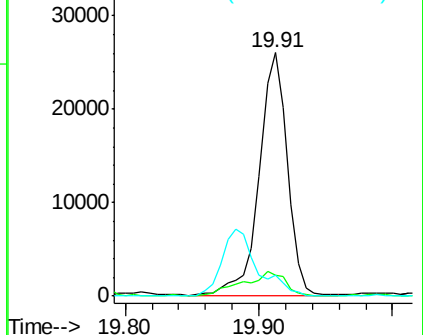
100 8.4 7.0 10.6

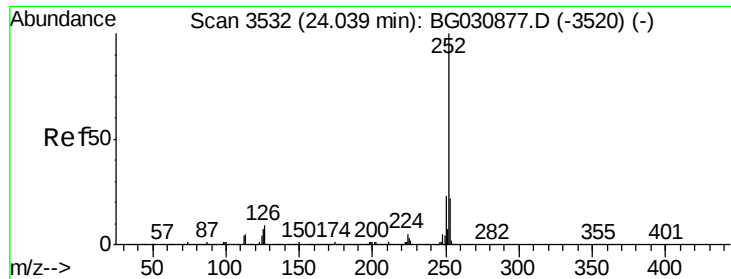


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.04 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG030890.D

Acq: 9 Nov 2017 21:27

Instrument :

BNA_G

ClientSampled :

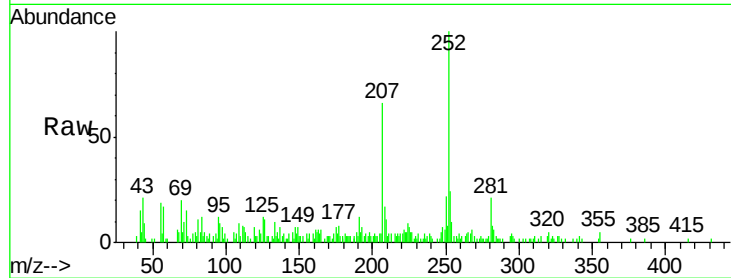
Tot Ion:252 Resp: 28973

Ion Ratio Lower Upper

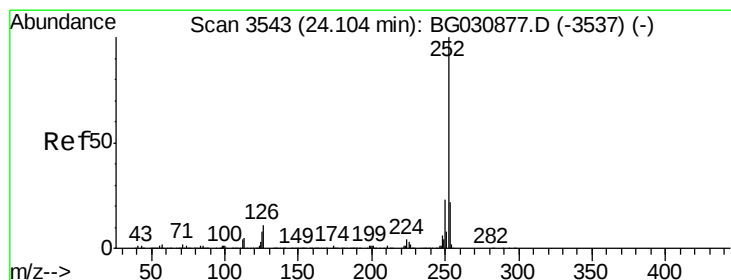
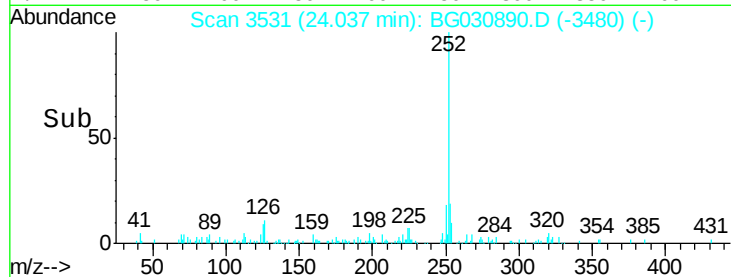
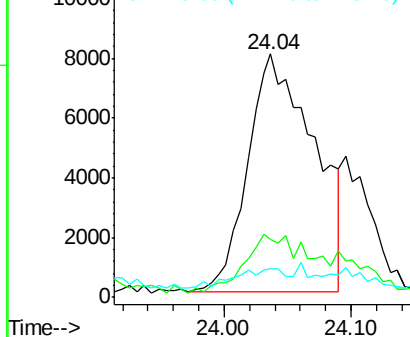
252 100

253 24.0 17.0 25.4

125 11.7 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: 1.08 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. -0.07 min

Lab File: BG030890.D

Acq: 9 Nov 2017 21:27

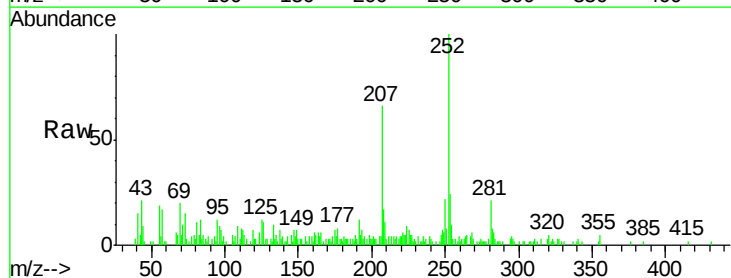
Tgt Ion:252 Resp: 28973

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

125 11.7 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

