

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110817\
 Data File : BG030870.D
 Acq On : 9 Nov 2017 6:21
 Operator : SJ/JU
 Sample : I6245-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F18

Quant Time: Nov 09 07:42:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 07:08:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	62741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	301635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	202448	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	483751	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	529835	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	540780	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5291	3.43	ng/uL	0.00
5) Phenol-d5	7.31	99	122646	20.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	71526	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	99753	23.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	96387	19.82	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	53139	24.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	64391	29.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	114401	22.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	121566	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	383026	22.13	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	479497	22.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	54366	17.01	ng/ul	0.00
57) Fluorene-d10	15.76	176	358482	25.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	44661	18.91	ng/ul	0.00
70) Anthracene-d10	17.61	188	553112	24.18	ng/ul	0.00
76) Pyrene-d10	19.88	212	640574	23.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	654215	25.54	ng/ul	0.00

Target Compounds

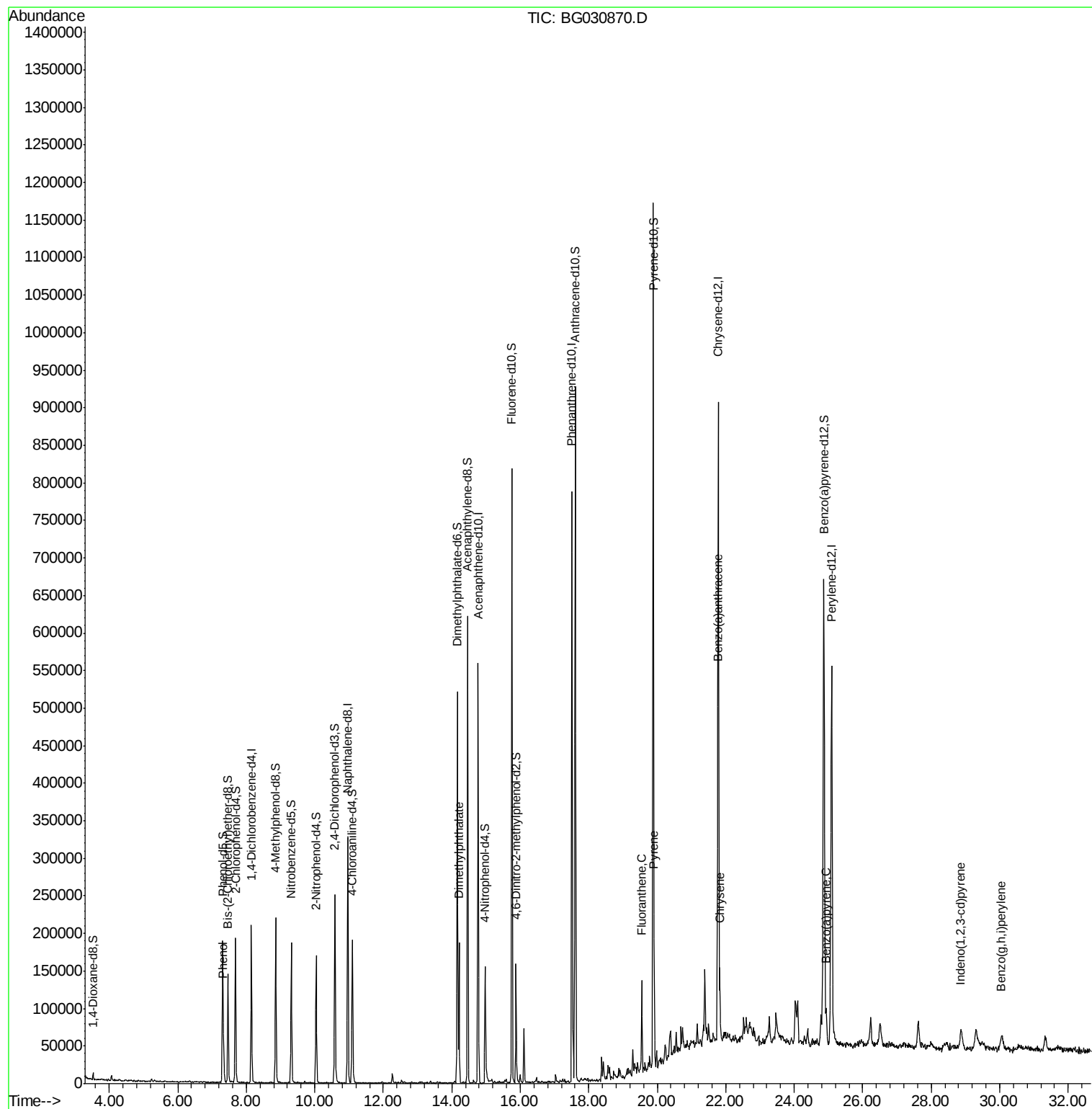
						Ovalue
6) Phenol	7.34	94	21901	3.51	ng/ul#	87
44) Dimethylphthalate	14.21	163	137761	8.16	ng/ul	98
74) Fluoranthene	19.55	202	74351	2.54	ng/ul	99
77) Pyrene	19.91	202	95220	2.68	ng/ul	99
80) Benzo(a)anthracene	21.76	228	61169	1.84	ng/ul	98
82) Chrysene	21.83	228	73260	2.43	ng/ul	99
88) Benzo(a)pyrene	24.93	252	49093	1.55	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.87	276	38955	1.09	ng/ul	92
91) Benzo(a,h,i)perylene	30.05	276	35151	1.19	ng/ul	97

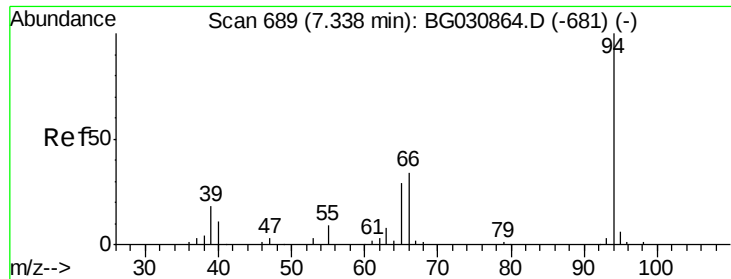
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.51 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

Instrument :

BNA_G

ClientSampleId :

B0F18

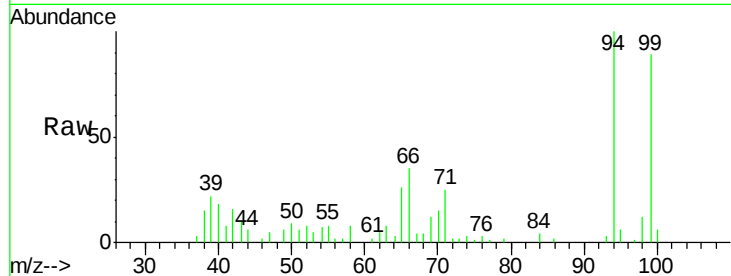
Tot Ion: 94 Resp: 21901

Ion Ratio Lower Upper

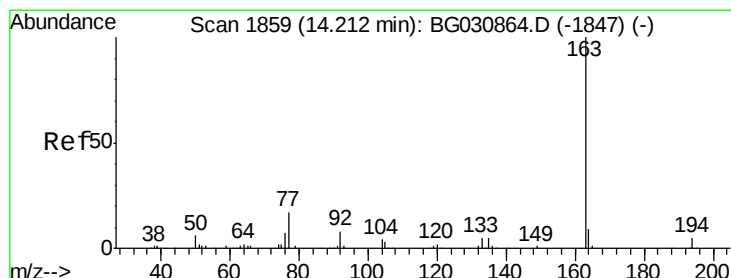
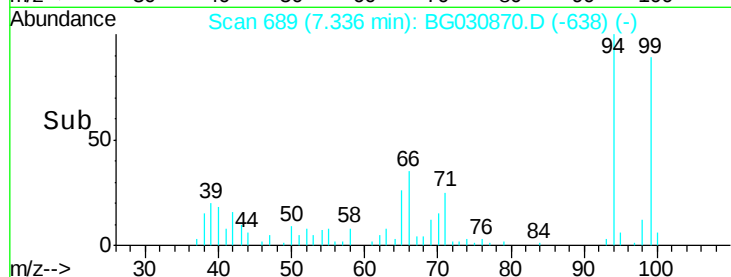
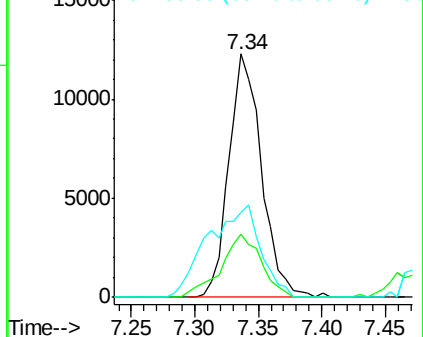
94 100

65 26.1 27.1 40.7#

66 34.7 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: 8.16 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

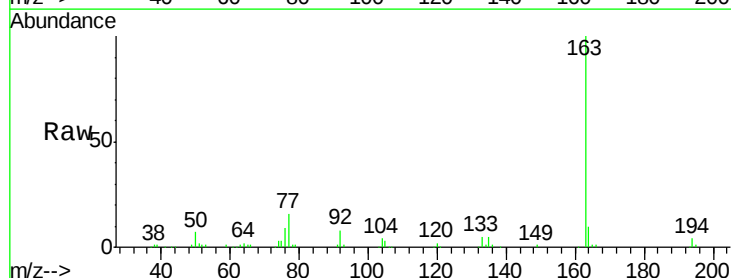
Tgt Ion:163 Resp: 137761

Ion Ratio Lower Upper

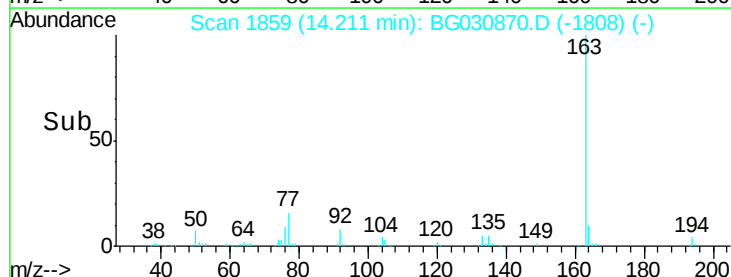
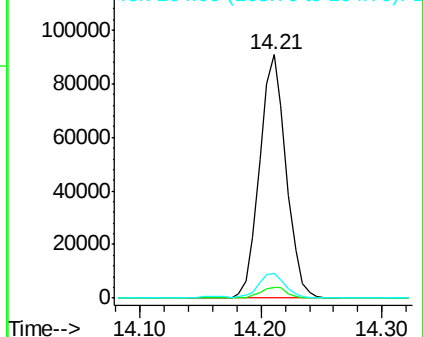
163 100

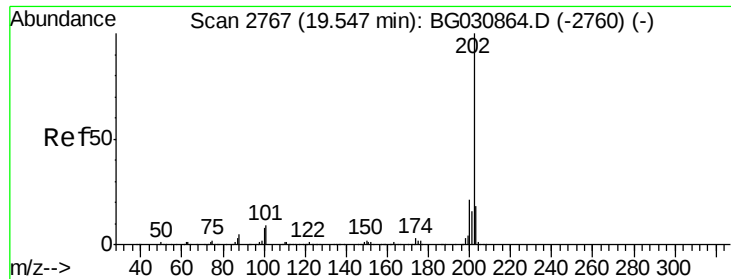
194 4.2 3.5 5.3

164 10.3 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: 2.54 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

Instrument :

BNA_G

ClientSampleId :

B0F18

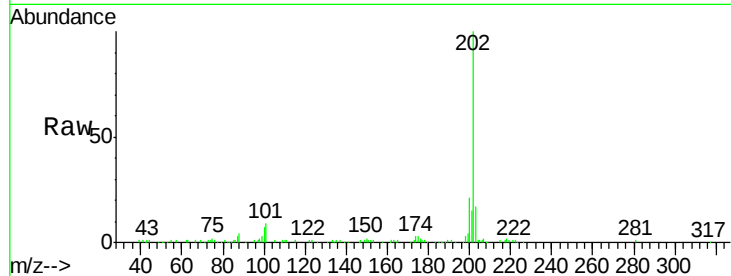
Tot Ion:202 Resp: 74351

Ion Ratio Lower Upper

202 100

101 9.1 7.4 11.2

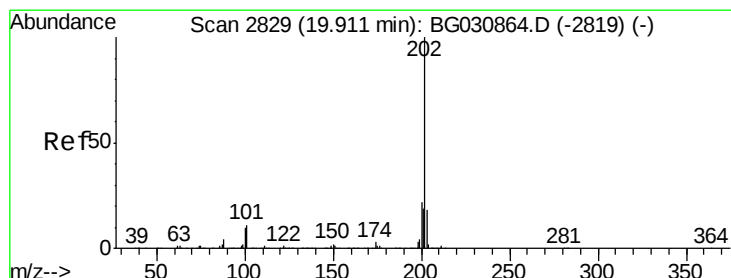
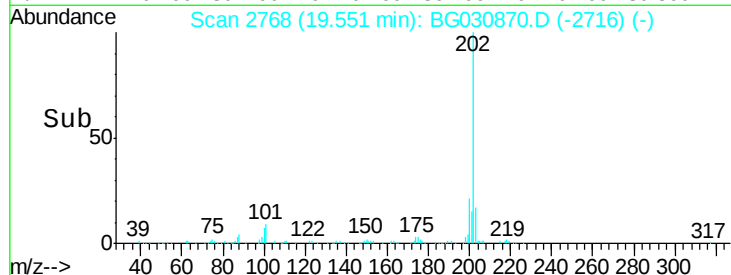
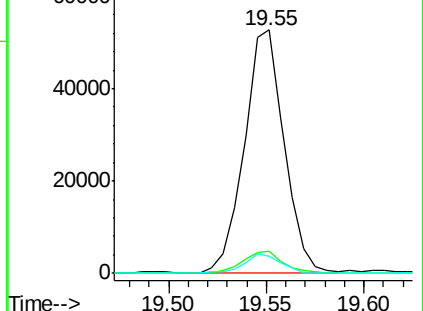
100 6.8 5.6 8.4



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): B



#77

Pyrene

Concen: 2.68 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

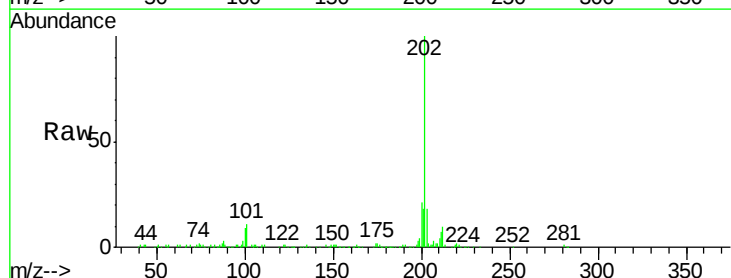
Tgt Ion:202 Resp: 95220

Ion Ratio Lower Upper

202 100

101 11.2 8.4 12.6

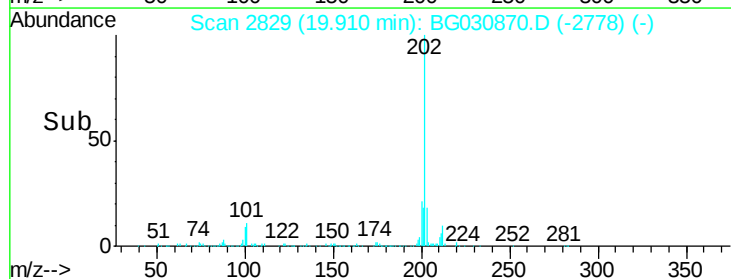
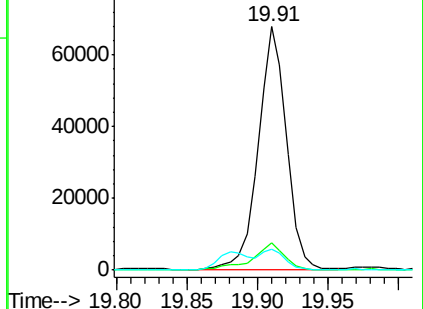
100 8.8 7.0 10.6

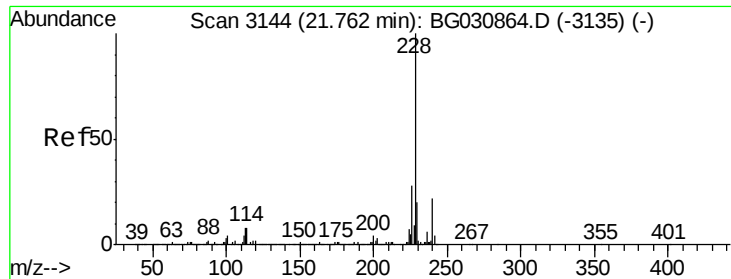


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

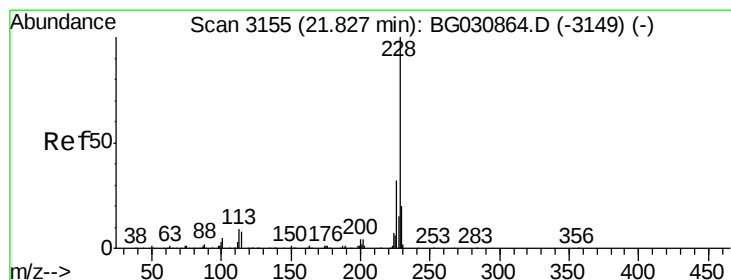
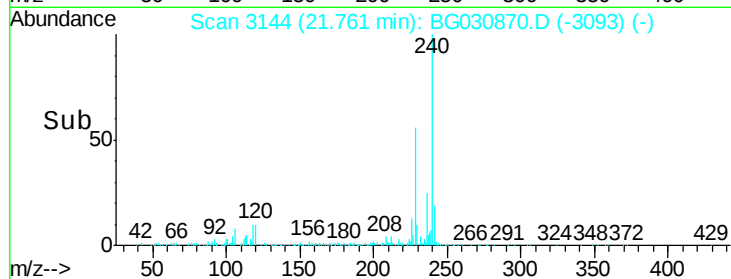
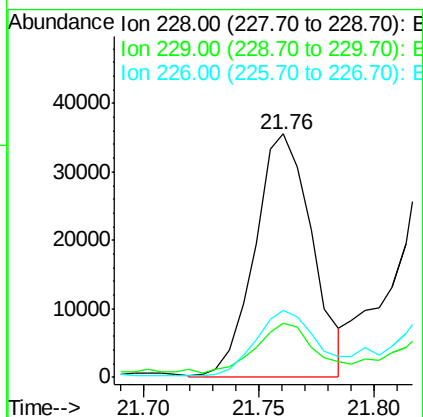
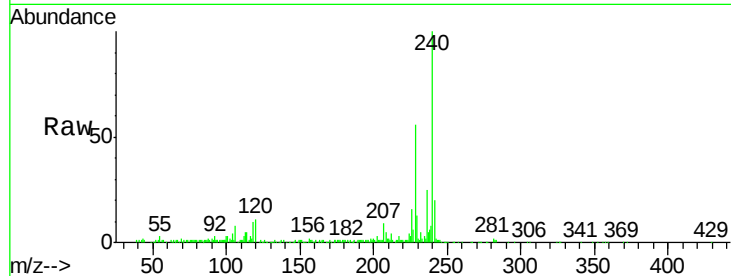




#80
Benzo(a)anthracene
Concen: 1.84 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG030870.D
Acq: 9 Nov 2017 6:21

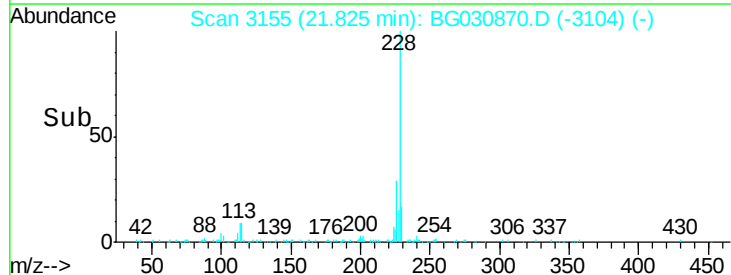
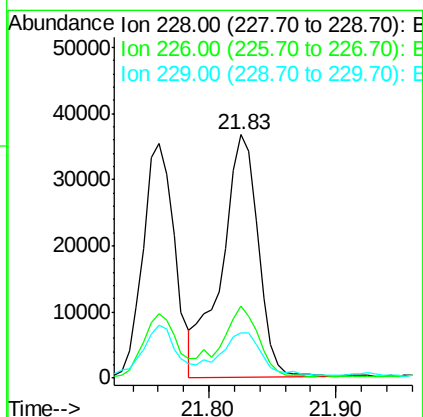
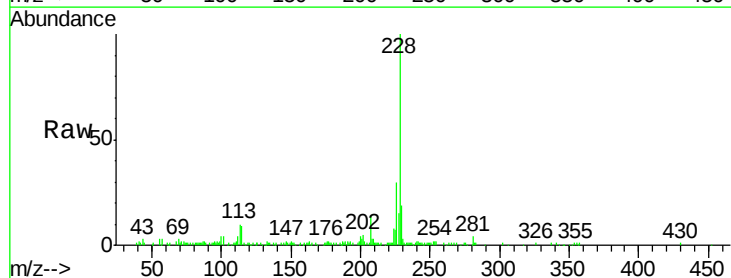
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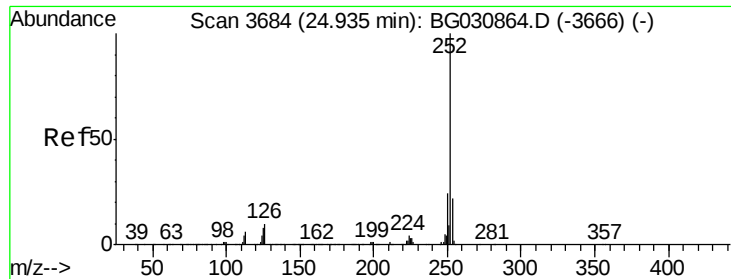
Tot Ion:228 Resp: 61169
Ion Ratio Lower Upper
228 100
229 22.4 16.2 24.4
226 27.7 22.2 33.2



#82
Chrysene
Concen: 2.43 ng/ul
RT: 21.83 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG030870.D
Acq: 9 Nov 2017 6:21

Tgt Ion:228 Resp: 73260
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 18.7 15.2 22.8

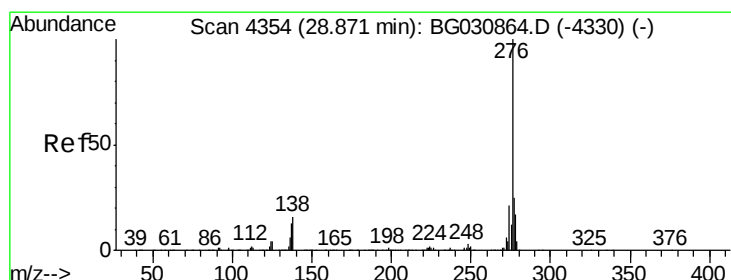
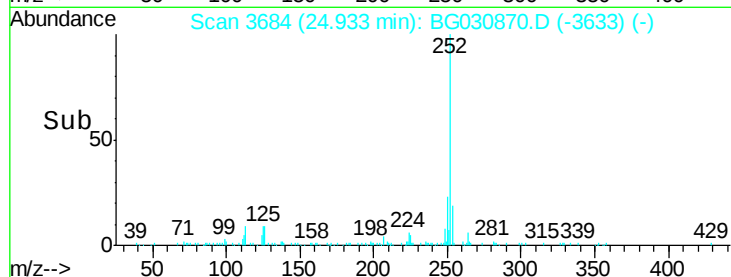
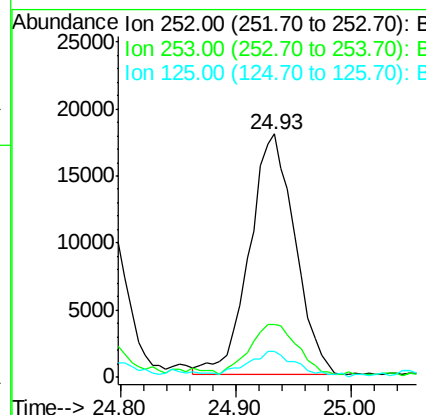
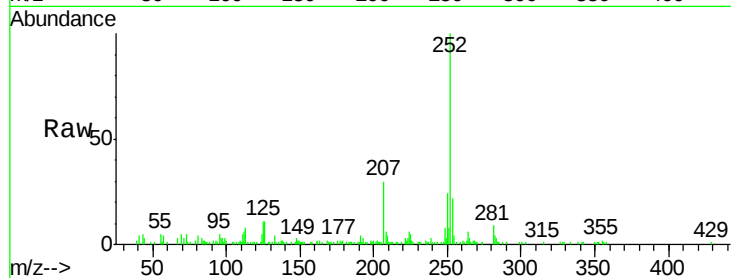




#88
Benzo(a)pyrene
Concen: 1.55 ng/ul
RT: 24.93 min Scan# 3684
Delta R.T. -0.00 min
Lab File: BG030870.D
Acq: 9 Nov 2017 6:21

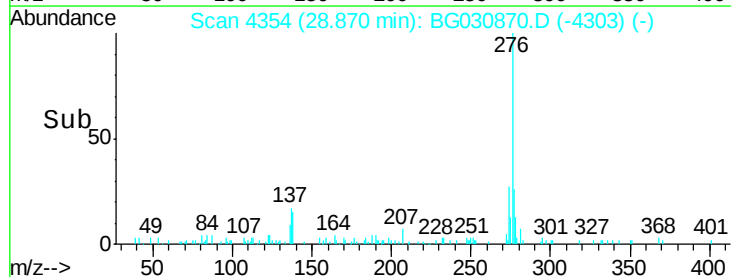
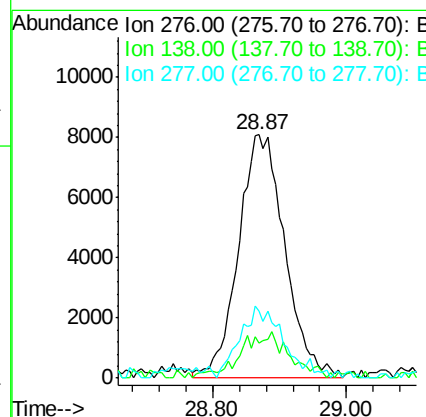
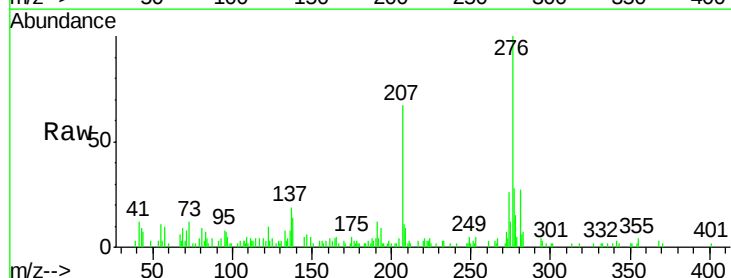
Instrument :
BNA_G
ClientSampleId :
B0F18

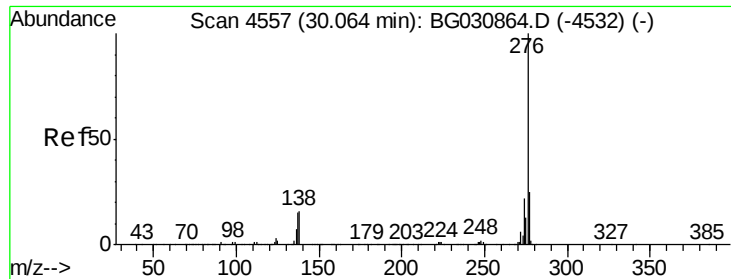
Tot Ion:252 Resp: 49093
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.7 7.8 11.8



#89
Indeno(1,2,3-cd)pyrene
Concen: 1.09 ng/ul
RT: 28.87 min Scan# 4354
Delta R.T. -0.00 min
Lab File: BG030870.D
Acq: 9 Nov 2017 6:21

Tgt Ion:276 Resp: 38955
Ion Ratio Lower Upper
276 100
138 14.2 13.4 20.0
277 27.6 18.6 28.0





#91

Benzo(a,h,i)perylene

Concen: 1.19 ng/ul

RT: 30.05 min Scan# 4555

Delta R.T. -0.01 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

Instrument :

BNA_G

ClientSampleId :

B0F18

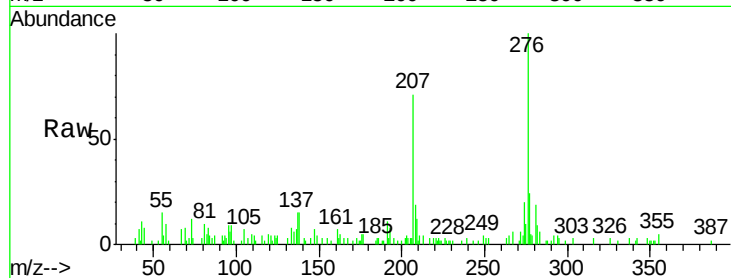
Tot Ion:276 Resp: 35151

Ion Ratio Lower Upper

276 100

138 14.6 12.1 18.1

277 24.0 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

