

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020530.D
 Acq On : 26 Dec 2015 8:15
 Operator : UM/SJ
 Sample : G4802-08
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D83

Quant Time: Dec 28 00:28:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 00:23:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	14112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	63895	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	48143	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	137724	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	168316	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	163737	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	774	3.02	ng/uL	0.00
5) Phenol-d5	7.23	99	20635	18.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	12938	19.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	16861	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	11456	12.02	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	9364	18.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	10603	18.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	19009	17.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	21015	16.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	80881	20.38	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	92266	20.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	7839	11.85	ng/ul	0.00
58) Fluorene-d10	15.70	176	74906	20.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	11294	12.37	ng/ul	0.00
71) Anthracene-d10	17.55	188	126494	19.61	ng/ul	0.00
79) Pyrene-d10	19.83	212	160038	21.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	169680	20.50	ng/ul	0.00

Target Compounds

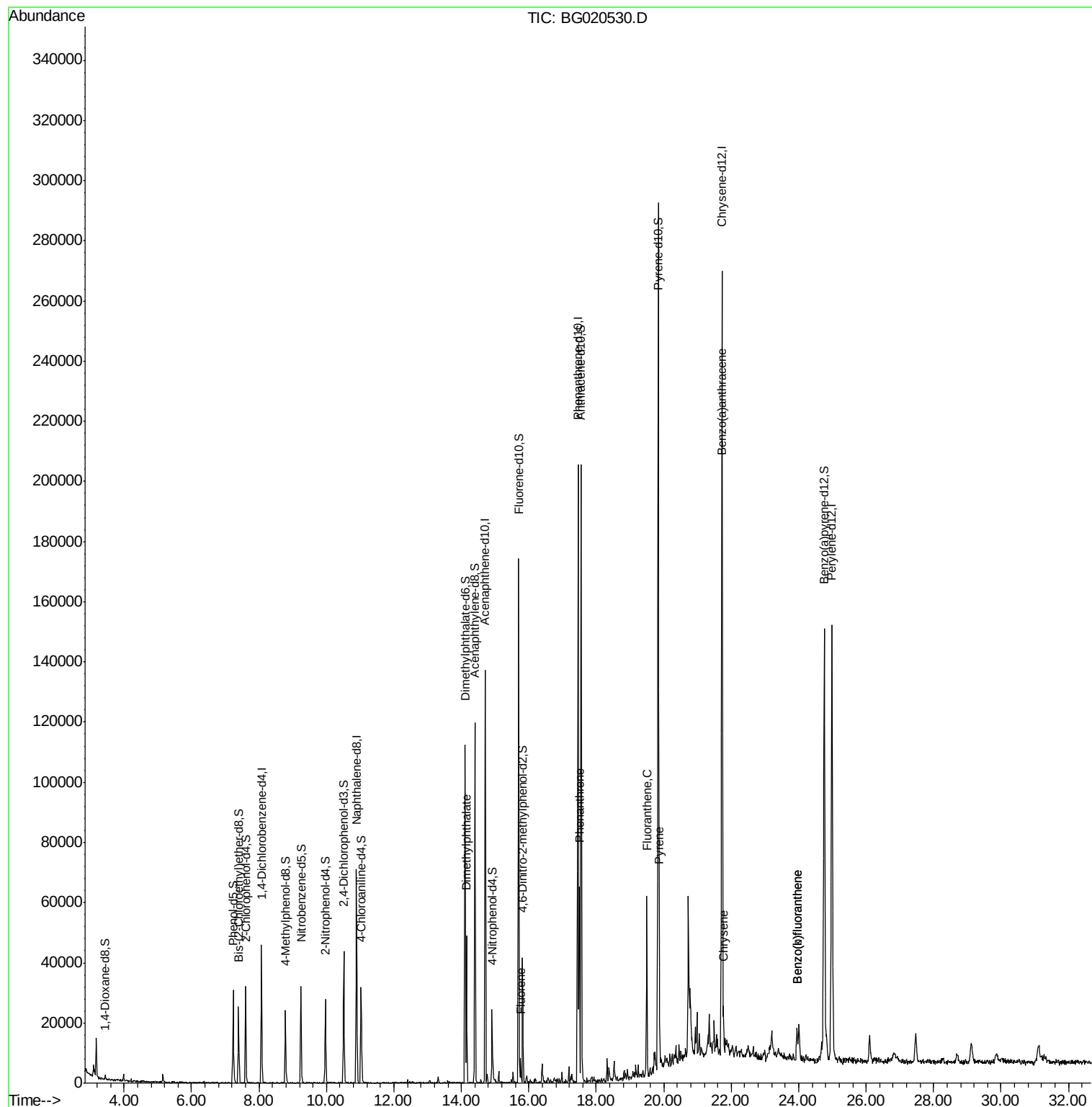
						Qvalue
45) Dimethylphthalate	14.15	163	33896	8.40	ng/ul	98
59) Fluorene	15.75	166	4146	1.05	ng/ul	96
70) Phenanthrene	17.50	178	43135	5.63	ng/ul	100
77) Fluoranthene	19.50	202	38918	4.04	ng/ul	99
80) Pyrene	19.86	202	31753	3.34	ng/ul#	97
83) Benzo(a)anthracene	21.71	228	10393	1.05	ng/ul	95
85) Chrysene	21.77	228	11421	1.21	ng/ul	94
88) Benzo(b)fluoranthene	23.95	252	11263	1.15	ng/ul	94
89) Benzo(k)fluoranthene	23.95	252	11263	1.19	ng/ul	96

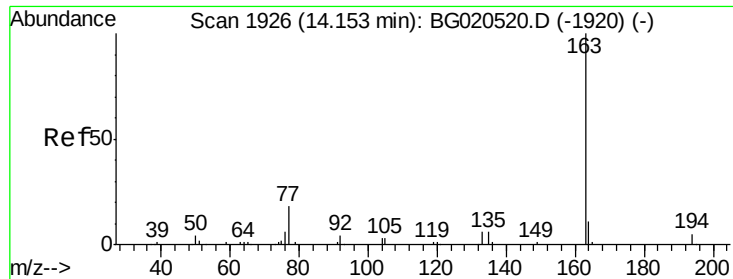
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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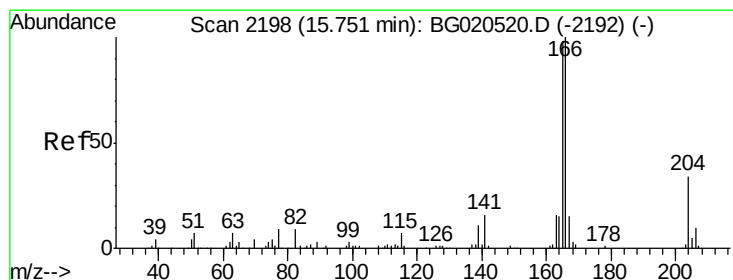
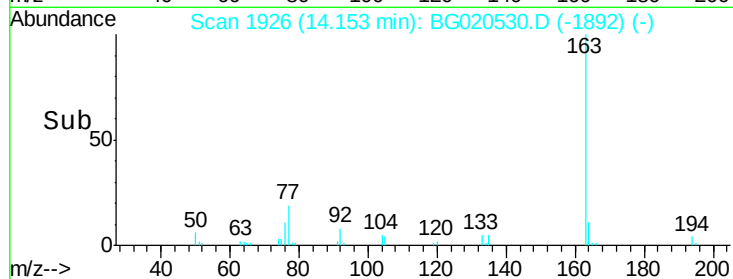
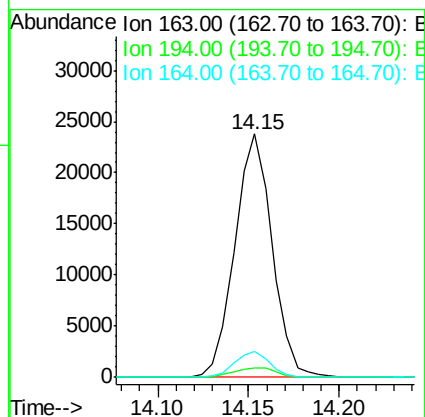
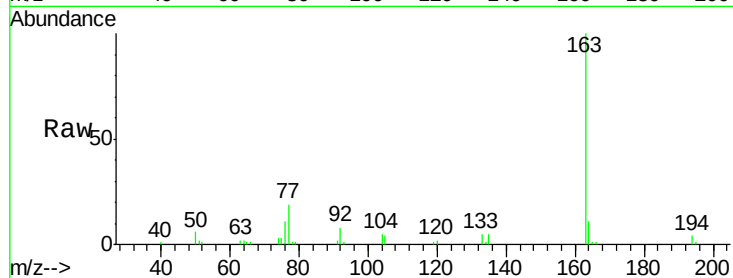




#45
Dimethylphthalate
Concen: 8.40 ng/ul
RT: 14.15 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG020530.D
Acq: 26 Dec 2015 8:15

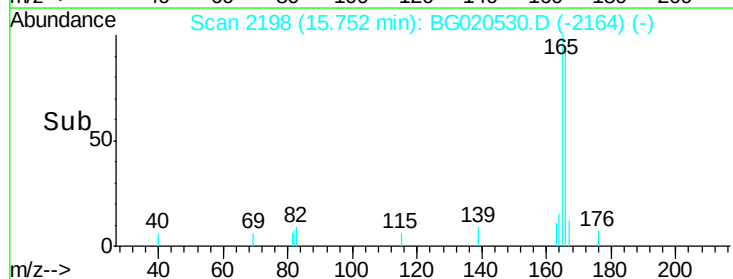
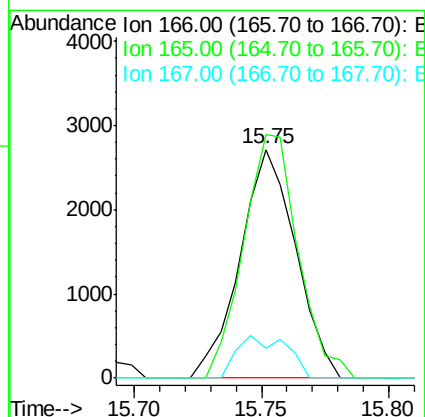
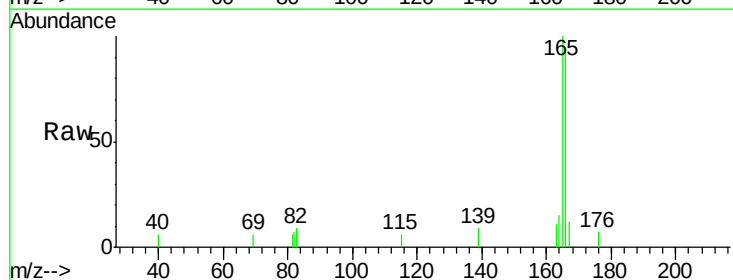
Instrument :
BNA_G
ClientSampleId :
G9D83

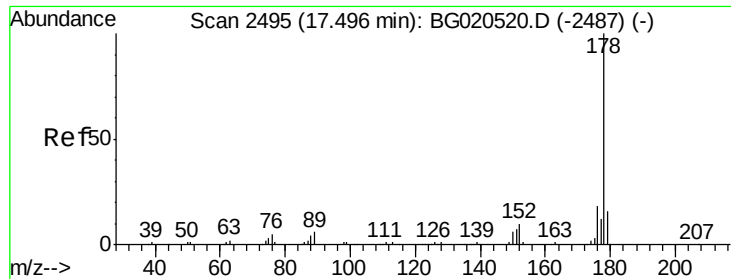
Tgt Ion:163 Resp: 33896
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 10.5 7.7 11.5



#59
Fluorene
Concen: 1.05 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG020530.D
Acq: 26 Dec 2015 8:15

Tgt Ion:166 Resp: 4146
Ion Ratio Lower Upper
166 100
165 106.4 81.4 122.0
167 13.2 11.2 16.8





#70

Phenanthrene

Concen: 5.63 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BG020530.D

Acq: 26 Dec 2015 8:15

Instrument :

BNA_G

ClientSampleId :

G9D83

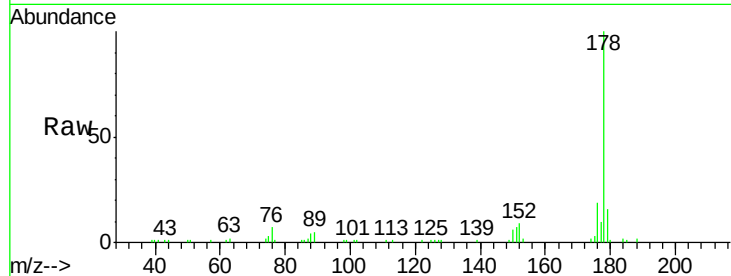
Tgt Ion:178 Resp: 43135

Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

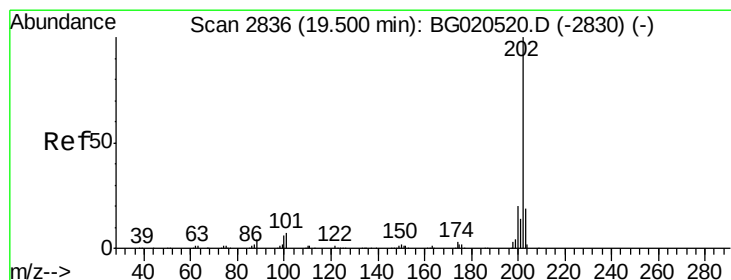
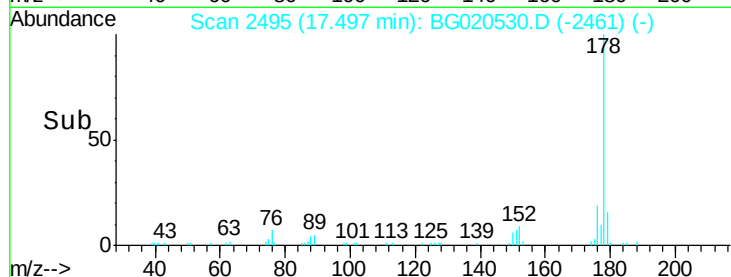
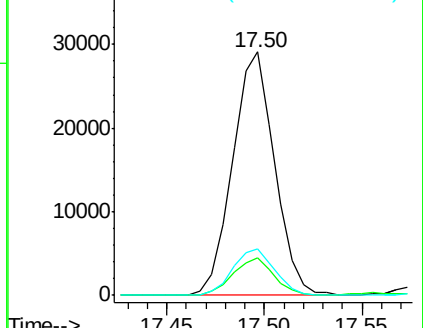
176 19.1 15.3 22.9



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



#77

Fluoranthene

Concen: 4.04 ng/ul

RT: 19.50 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG020530.D

Acq: 26 Dec 2015 8:15

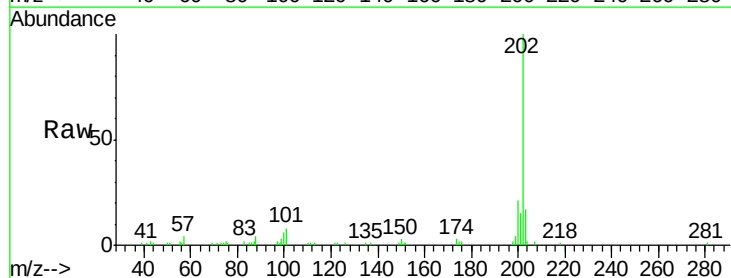
Tgt Ion:202 Resp: 38918

Ion Ratio Lower Upper

202 100

101 7.8 6.2 9.4

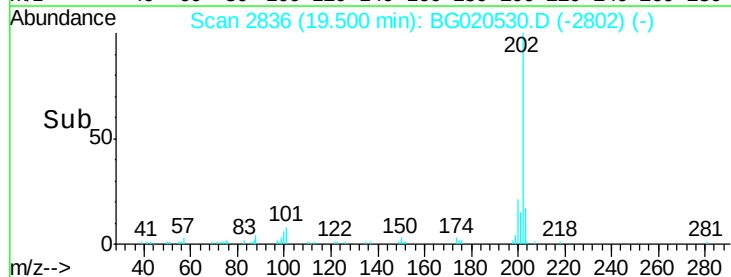
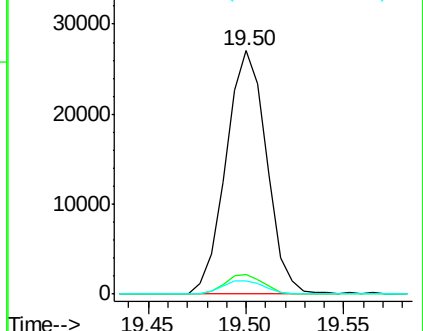
100 5.5 5.1 7.7

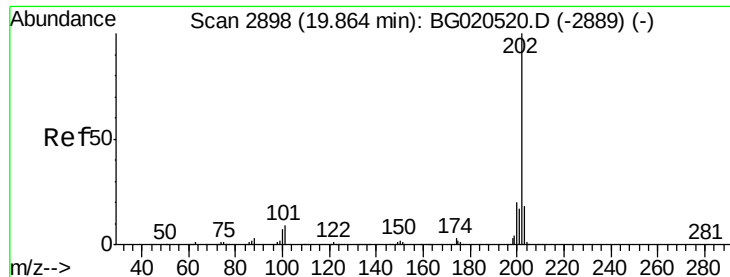


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 3.34 ng/ul

RT: 19.86 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG020530.D

Acq: 26 Dec 2015 8:15

Instrument :

BNA_G

ClientSampleId :

G9D83

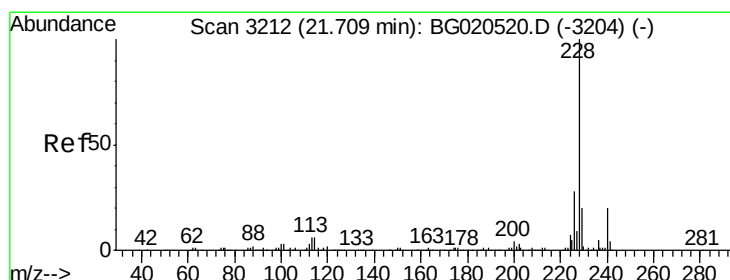
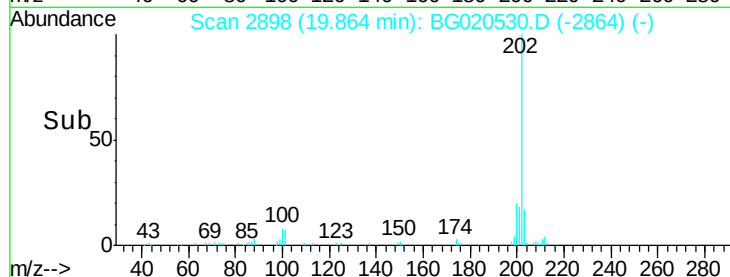
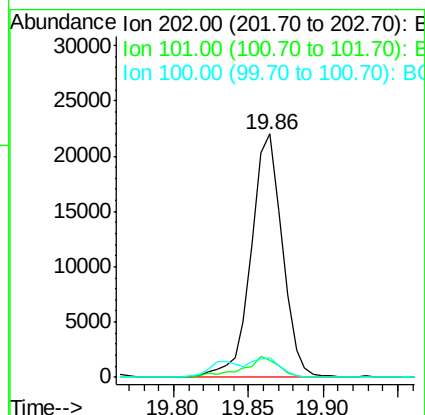
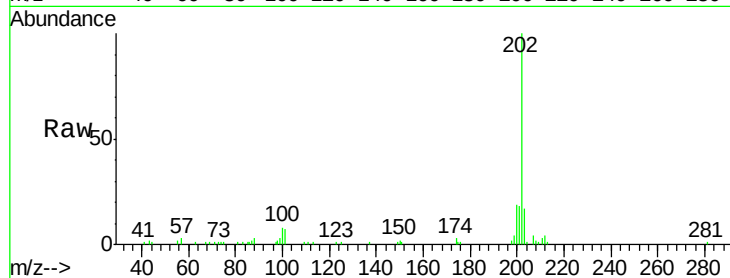
Tgt Ion:202 Resp: 31753

Ion Ratio Lower Upper

202 100

101 6.9 7.0 10.4#

100 8.0 6.4 9.6



#83

Benzo(a)anthracene

Concen: 1.05 ng/ul

RT: 21.71 min Scan# 3212

Delta R.T. 0.00 min

Lab File: BG020530.D

Acq: 26 Dec 2015 8:15

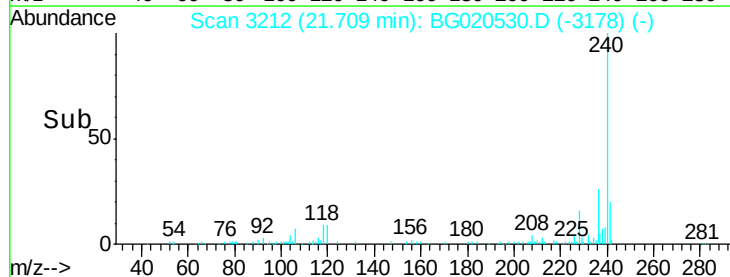
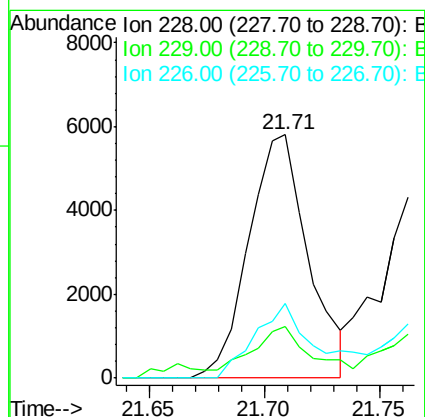
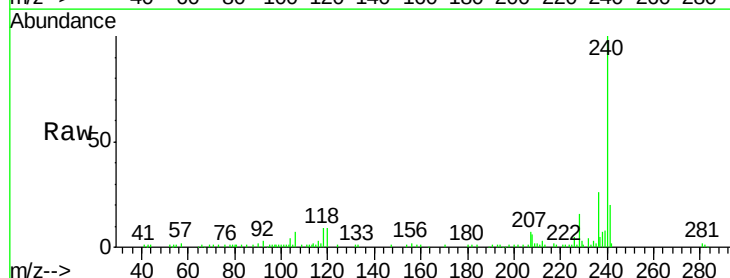
Tgt Ion:228 Resp: 10393

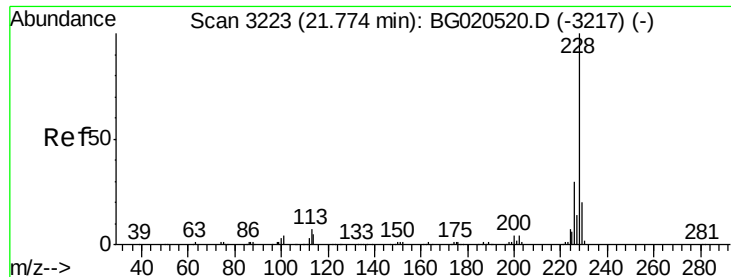
Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.8

226 30.4 21.8 32.6





#85

Chrysene

Concen: 1.21 ng/ul

RT: 21.77 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BG020530.D

Acq: 26 Dec 2015 8:15

Instrument :

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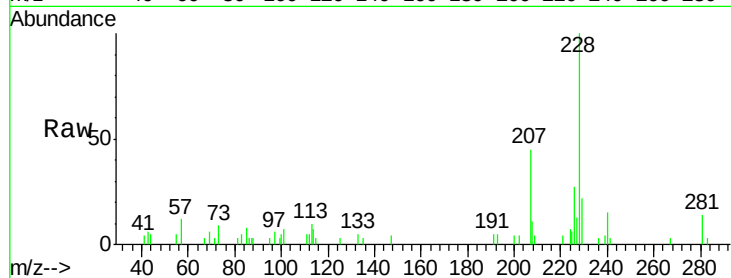
Tgt Ion:228 Resp: 11421

Ion Ratio Lower Upper

228 100

226 26.7 23.9 35.9

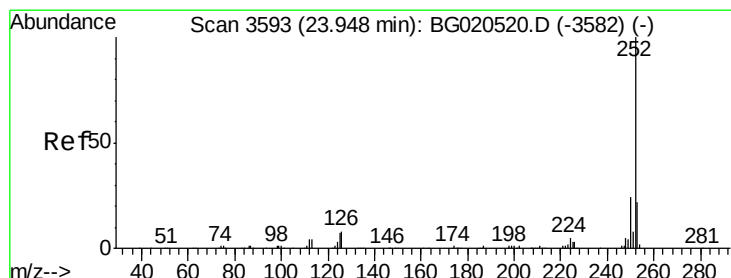
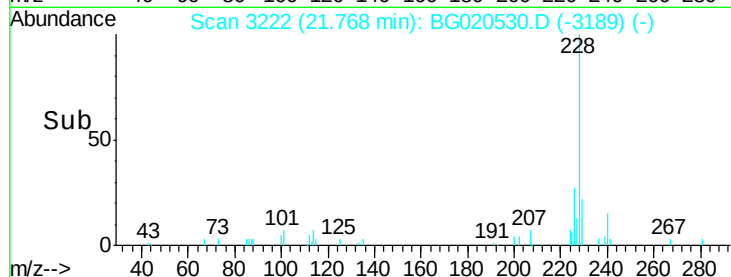
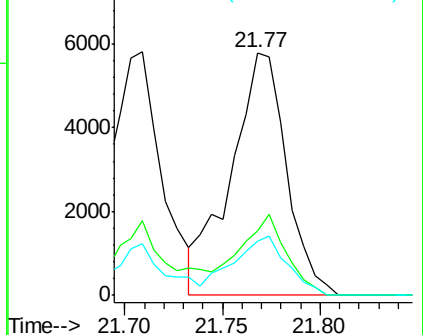
229 22.1 15.6 23.4



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



#88

Benzo(b)fluoranthene

Concen: 1.15 ng/ul

RT: 23.95 min Scan# 3593

Delta R.T. 0.00 min

Lab File: BG020530.D

Acq: 26 Dec 2015 8:15

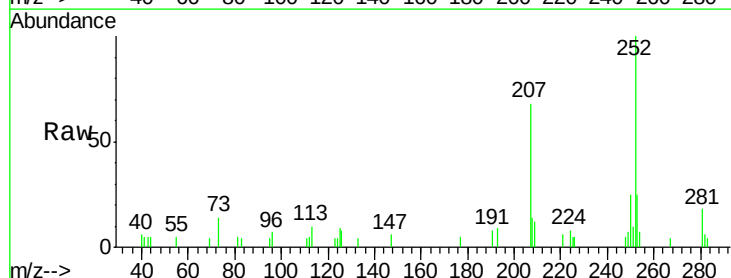
Tgt Ion:252 Resp: 11263

Ion Ratio Lower Upper

252 100

253 24.6 16.7 25.1

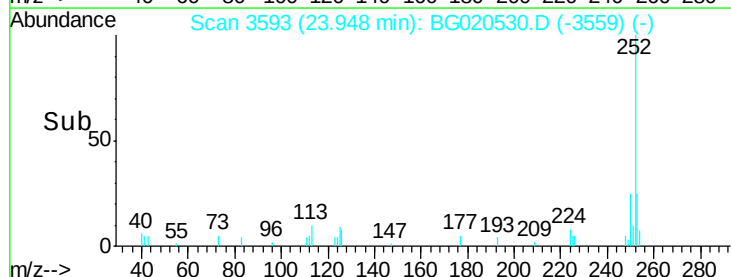
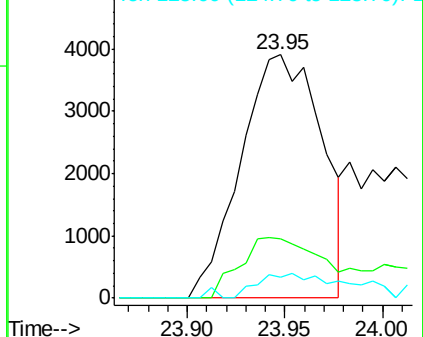
125 8.5 6.2 9.2

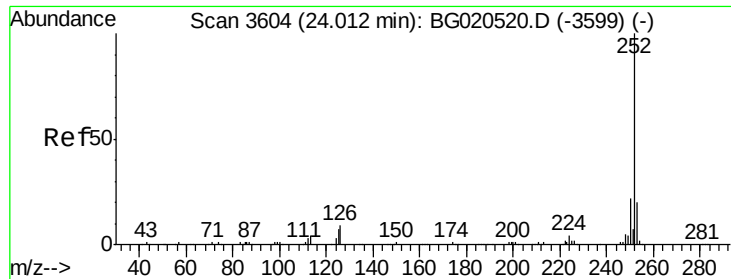


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.19 ng/ul

RT: 23.95 min Scan# 3593

Delta R.T. -0.06 min

Lab File: BG020530.D

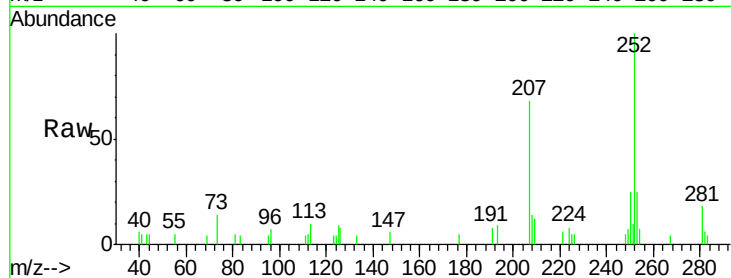
Acq: 26 Dec 2015 8:15

Instrument :

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ClientSampleId :

G9D83



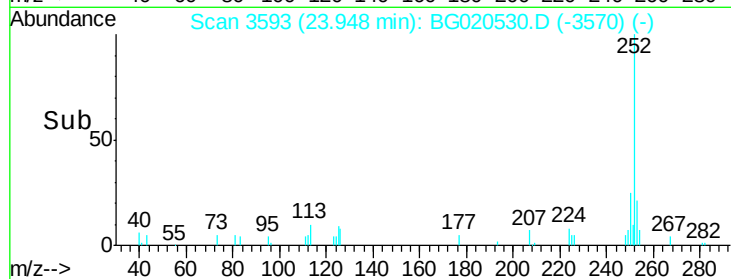
Tgt Ion: 252 Resp: 11263

Ion Ratio Lower Upper

252 100

253 24.6 17.9 26.9

125 8.5 5.8 8.6



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

