

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011416\
 Data File : BG020737.D
 Acq On : 14 Jan 2016 23:48
 Operator : SJ/IZ
 Sample : H1101-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9F1

Quant Time: Jan 15 01:15:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 14 23:48:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	85479	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	61706	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	154609	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	180976	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	169605	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1223	3.06	ng/uL	0.00
5) Phenol-d5	7.21	99	27392	16.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	17597	17.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	22322	17.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	12457	8.82	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	12753	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	14512	18.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	24461	16.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	27410	18.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	97521	18.11	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	111288	18.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	10213	14.12	ng/ul	0.00
58) Fluorene-d10	15.67	176	89958	18.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	13087	15.56	ng/ul	0.00
71) Anthracene-d10	17.53	188	149636	19.75	ng/ul	0.00
79) Pyrene-d10	19.81	212	177977	20.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	179441	19.85	ng/ul	0.00

Target Compounds

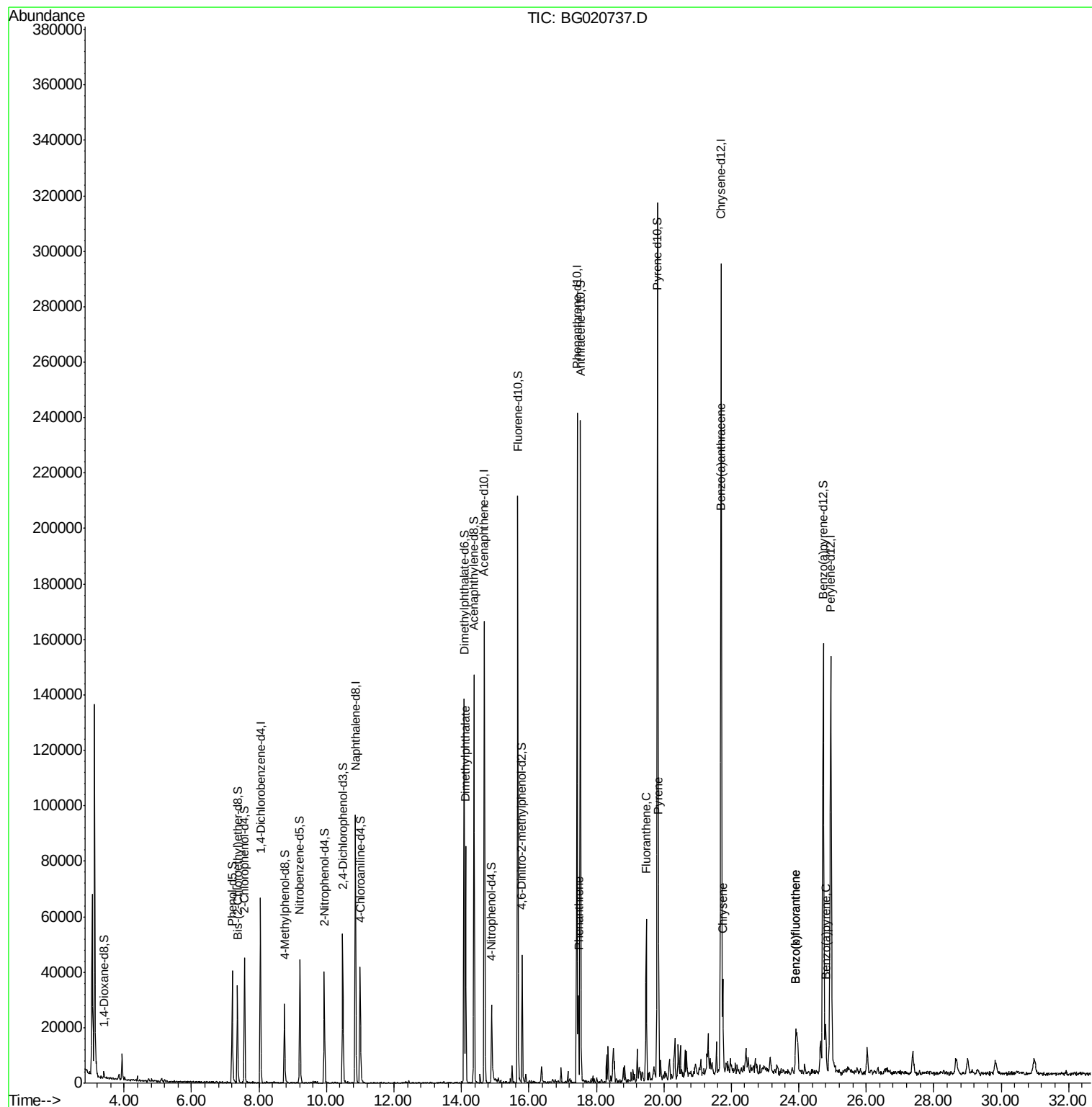
						Qvalue
45) Dimethylphthalate	14.13	163	56853	9.83	ng/ul	99
70) Phenanthrene	17.47	178	21309	2.32	ng/ul	99
77) Fluoranthene	19.48	202	40792	3.65	ng/ul	99
80) Pyrene	19.84	202	46197	4.03	ng/ul	99
83) Benzo(a)anthracene	21.68	228	22659	2.01	ng/ul	97
85) Chrysene	21.75	228	23620	2.21	ng/ul	97
88) Benzo(b)fluoranthene	23.91	252	22099	2.02	ng/ul#	98
89) Benzo(k)fluoranthene	23.91	252	22099	2.05	ng/ul	98
91) Benzo(a)pyrene	24.80	252	19696	1.87	ng/ul	98

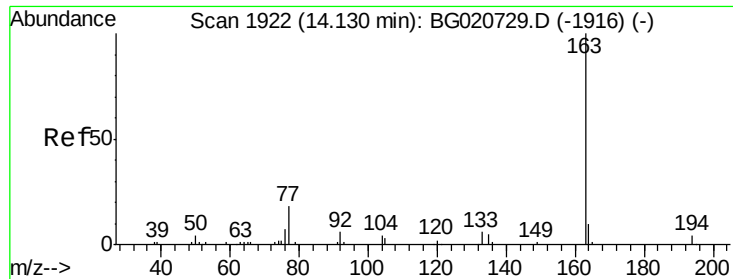
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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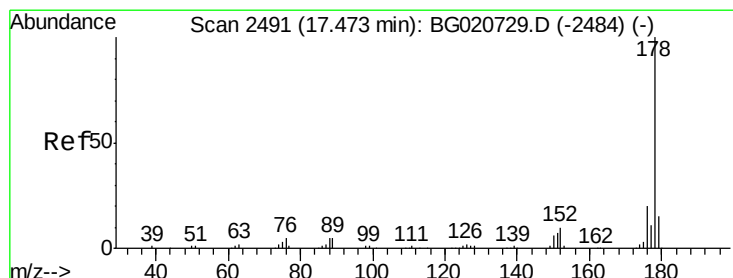
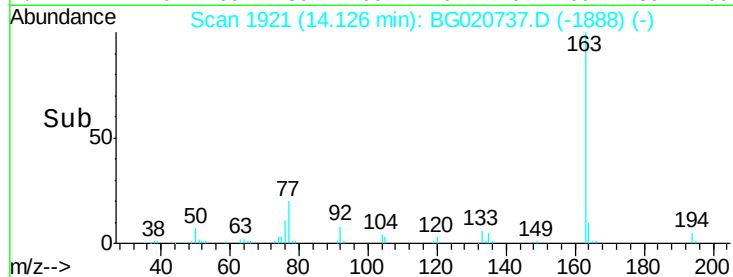
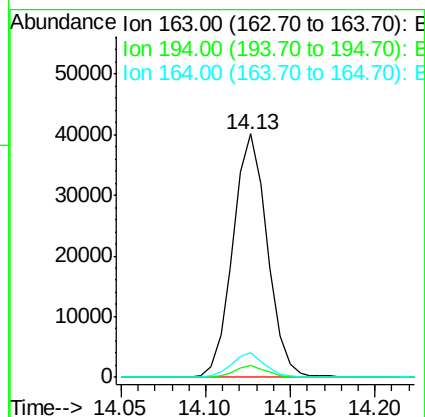
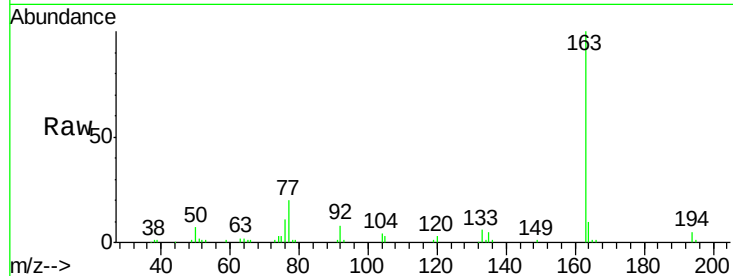




#45
Dimethylphthalate
Concen: 9.83 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG020737.D
Acq: 14 Jan 2016 23:48

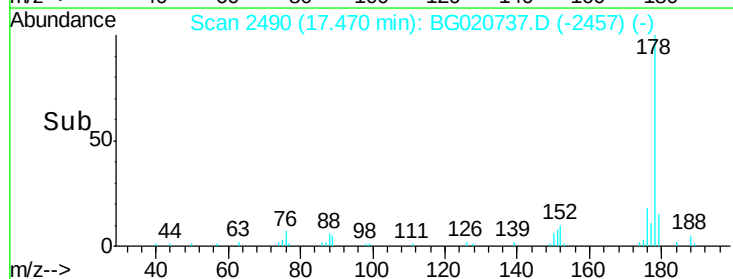
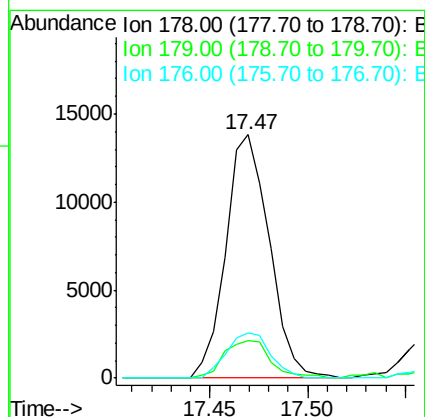
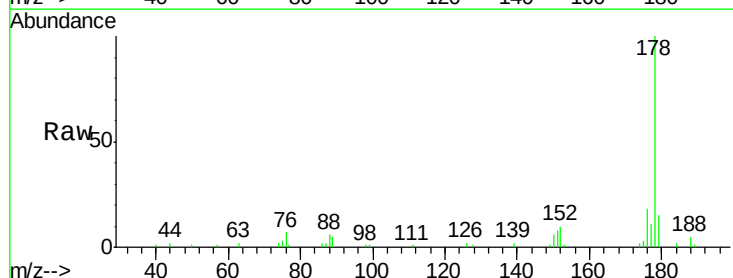
Instrument :
BNA_G
ClientSampled :
BC9F1

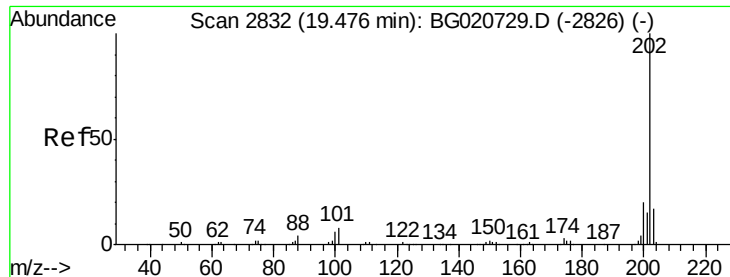
Tgt Ion:163 Resp: 56853
Ion Ratio Lower Upper
163 100
194 4.6 4.0 6.0
164 10.2 8.4 12.6



#70
Phenanthrene
Concen: 2.32 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BG020737.D
Acq: 14 Jan 2016 23:48

Tgt Ion:178 Resp: 21309
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 18.3 15.4 23.0

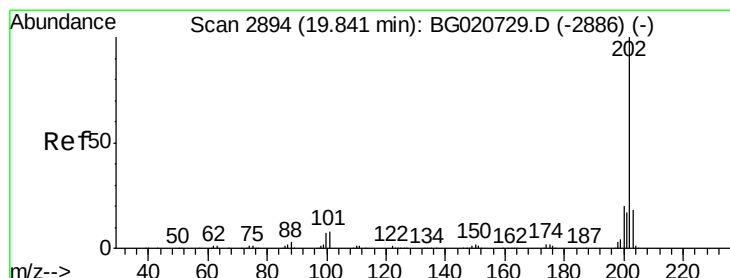
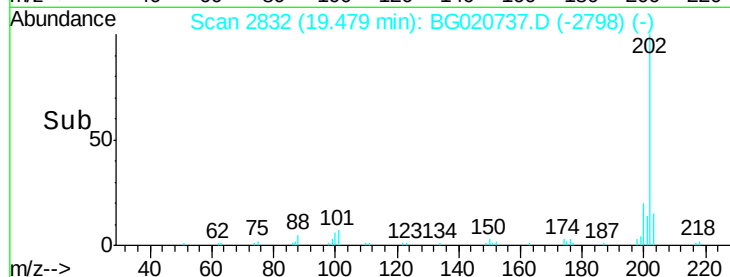
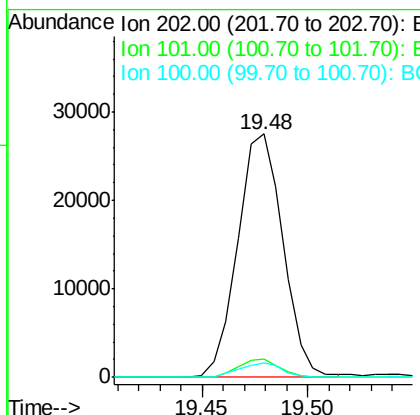
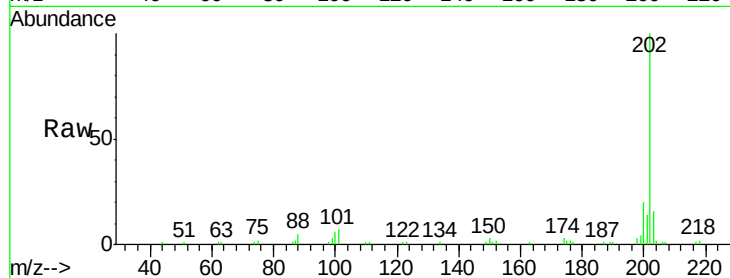




#77
 Fluoranthene
 Concen: 3.65 ng/ul
 RT: 19.48 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG020737.D
 Acq: 14 Jan 2016 23:48

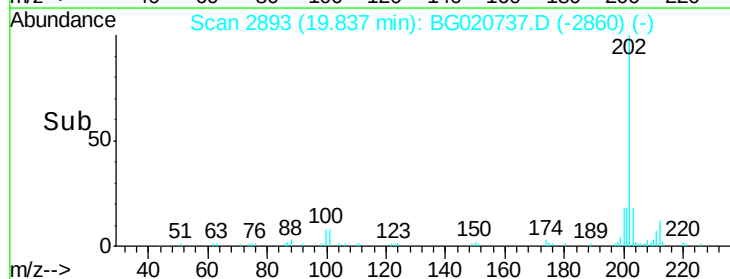
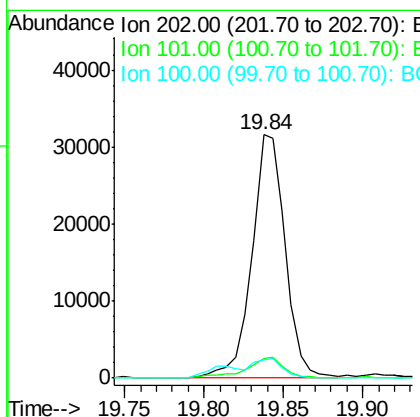
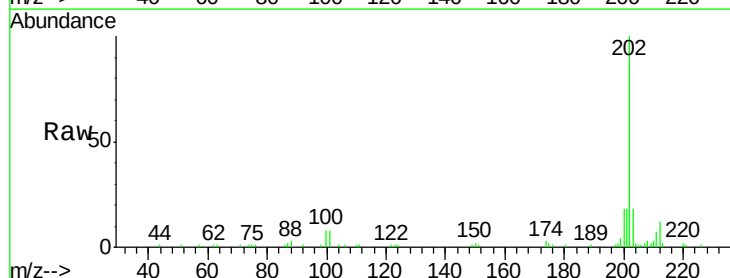
Instrument :
 BNA_G
 ClientSampleId :
 BC9F1

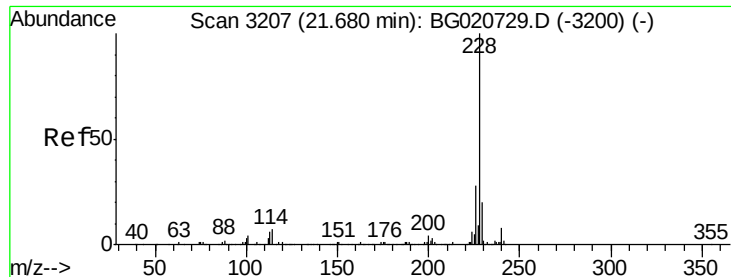
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.1	9.1
100	5.8	4.6	7.0



#80
 Pyrene
 Concen: 4.03 ng/ul
 RT: 19.84 min Scan# 2893
 Delta R.T. -0.00 min
 Lab File: BG020737.D
 Acq: 14 Jan 2016 23:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
100	7.6	5.6	8.4





#83

Benzo(a)anthracene

Concen: 2.01 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BG020737.D

Acq: 14 Jan 2016 23:48

Instrument :

BNA_G

ClientSampleId :

BC9F1

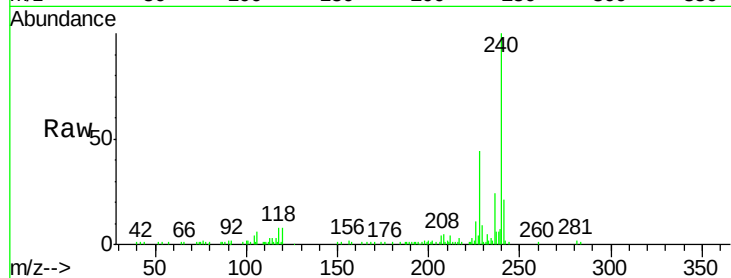
Tgt Ion:228 Resp: 22659

Ion Ratio Lower Upper

228 100

229 20.1 16.0 24.0

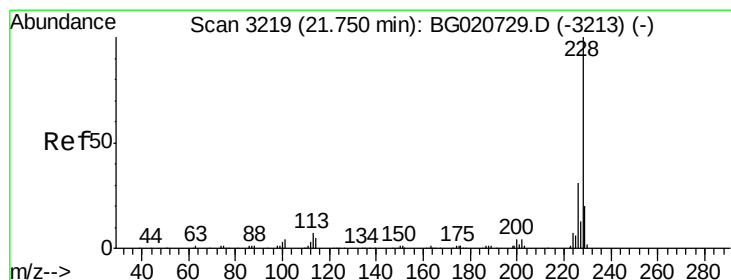
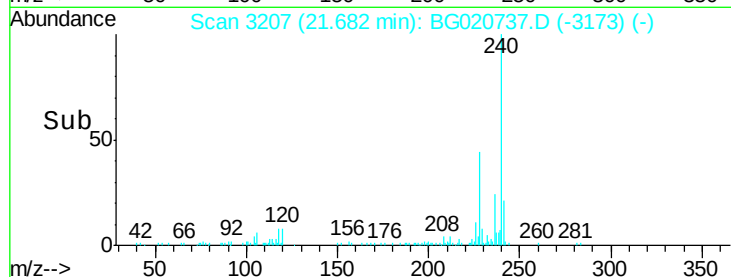
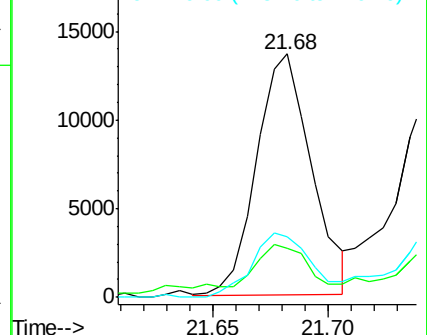
226 24.9 21.8 32.8



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



#85

Chrysene

Concen: 2.21 ng/ul

RT: 21.75 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BG020737.D

Acq: 14 Jan 2016 23:48

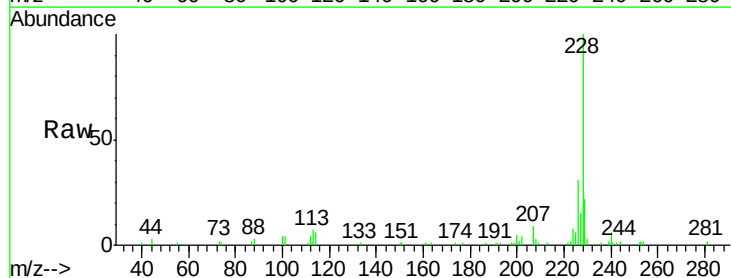
Tgt Ion:228 Resp: 23620

Ion Ratio Lower Upper

228 100

226 31.2 24.1 36.1

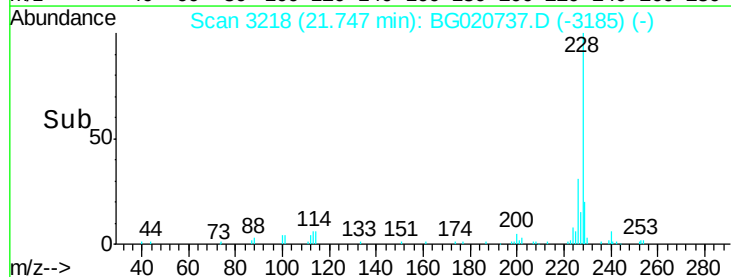
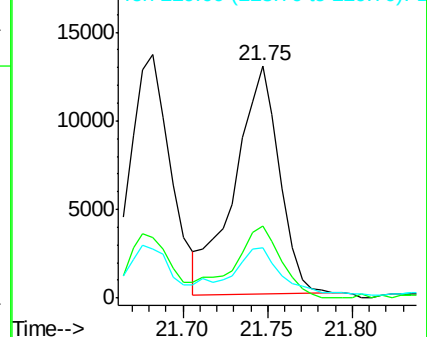
229 21.6 16.0 24.0

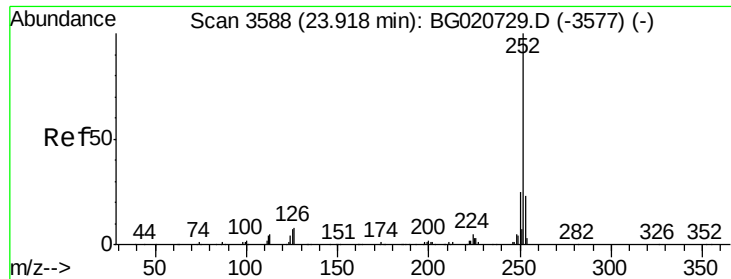


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.02 ng/ul

RT: 23.91 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BG020737.D

Acq: 14 Jan 2016 23:48

Instrument :

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ClientSampleId :

BC9F1

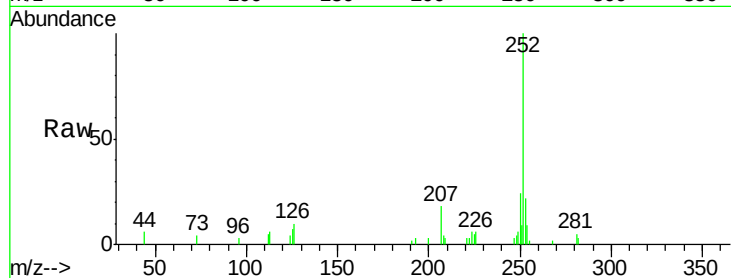
Tgt Ion:252 Resp: 22099

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

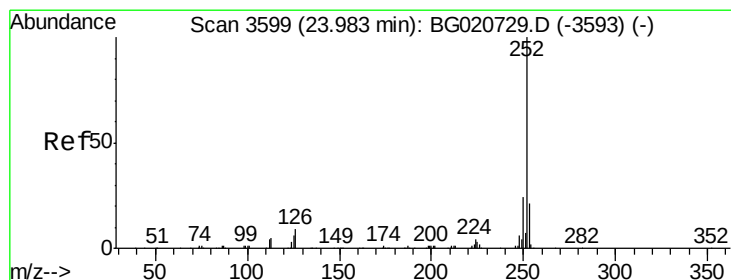
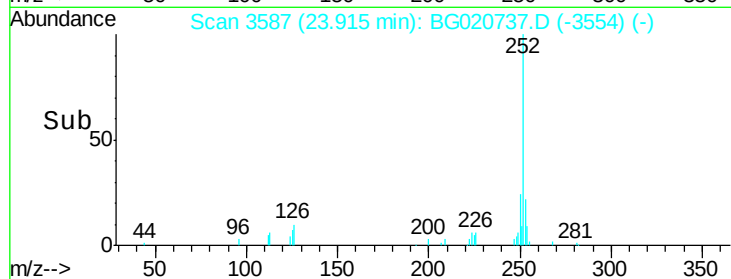
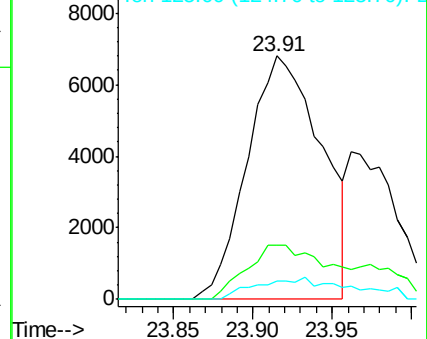
125 7.4 4.9 7.3#



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



#89

Benzo(k)fluoranthene

Concen: 2.05 ng/ul

RT: 23.91 min Scan# 3587

Delta R.T. -0.07 min

Lab File: BG020737.D

Acq: 14 Jan 2016 23:48

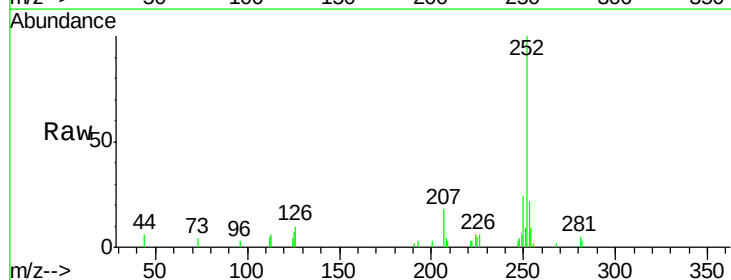
Tgt Ion:252 Resp: 22099

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

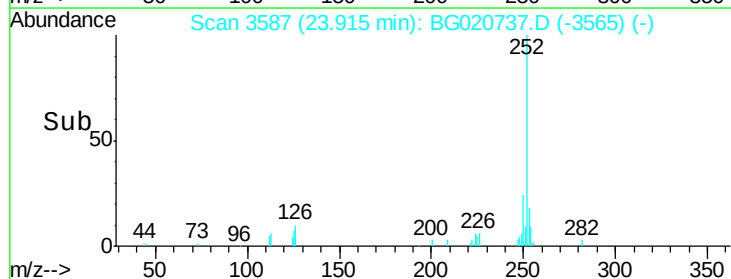
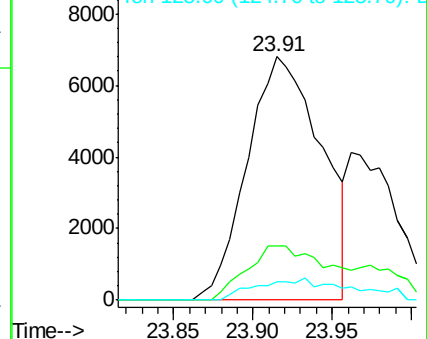
125 7.4 5.4 8.0

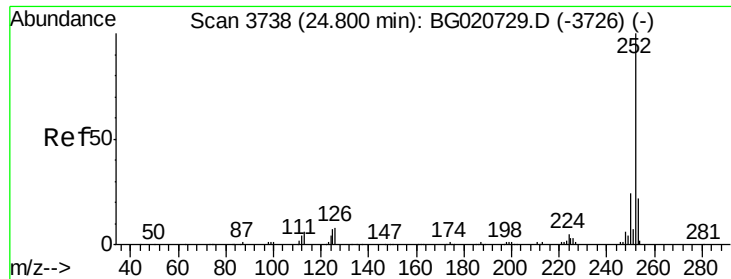


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.87 ng/ul

RT: 24.80 min Scan# 3737

Delta R.T. -0.00 min

Lab File: BG020737.D

Acq: 14 Jan 2016 23:48

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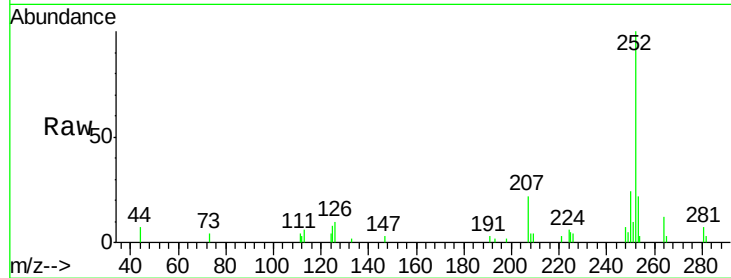
Tgt Ion:252 Resp: 19696

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 7.8 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

