

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011416\
 Data File : BG020739.D
 Acq On : 15 Jan 2016 1:06
 Operator : SJ/IZ
 Sample : H1101-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9G9

Manual Integrations
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 1/15/2016 2:43:36 PM

Quant Time: Jan 15 02:12:51 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	17655	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	75727	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	54675	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	141509	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	170180	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	158727	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1992	5.51	ng/uL	0.00
5) Phenol-d5	7.20	99	45310	29.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	28678	31.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	37158	31.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	39692	31.10	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	19895	33.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	23345	33.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	42336	32.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	53031	40.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	152128	31.89	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	181469	33.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	18763	29.28	ng/ul	0.00
58) Fluorene-d10	15.67	176	145024	34.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	22646	29.42	ng/ul	0.00
71) Anthracene-d10	17.53	188	229325	33.06	ng/ul	0.00
79) Pyrene-d10	19.81	212	269625	33.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	289918	34.27	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.12	163	85692	16.72	ng/ul#	98
70) Phenanthrene	17.47	178	18936	2.25	ng/ul	100
77) Fluoranthene	19.48	202	39649	3.87	ng/ul	99
80) Pyrene	19.84	202	36677	3.40	ng/ul	99
83) Benzo(a)anthracene	21.68	228	21564	2.03	ng/ul	99
85) Chrysene	21.74	228	20947	2.09	ng/ul	99
88) Benzo(b)fluoranthene	23.92	252	25479	2.49	ng/ul	97
91) Benzo(a)pyrene	24.80	252	18295	1.86	ng/ul	98
94) Benzo(g,h,i)perylene	29.82	276	10244m	1.07	ng/ul	

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

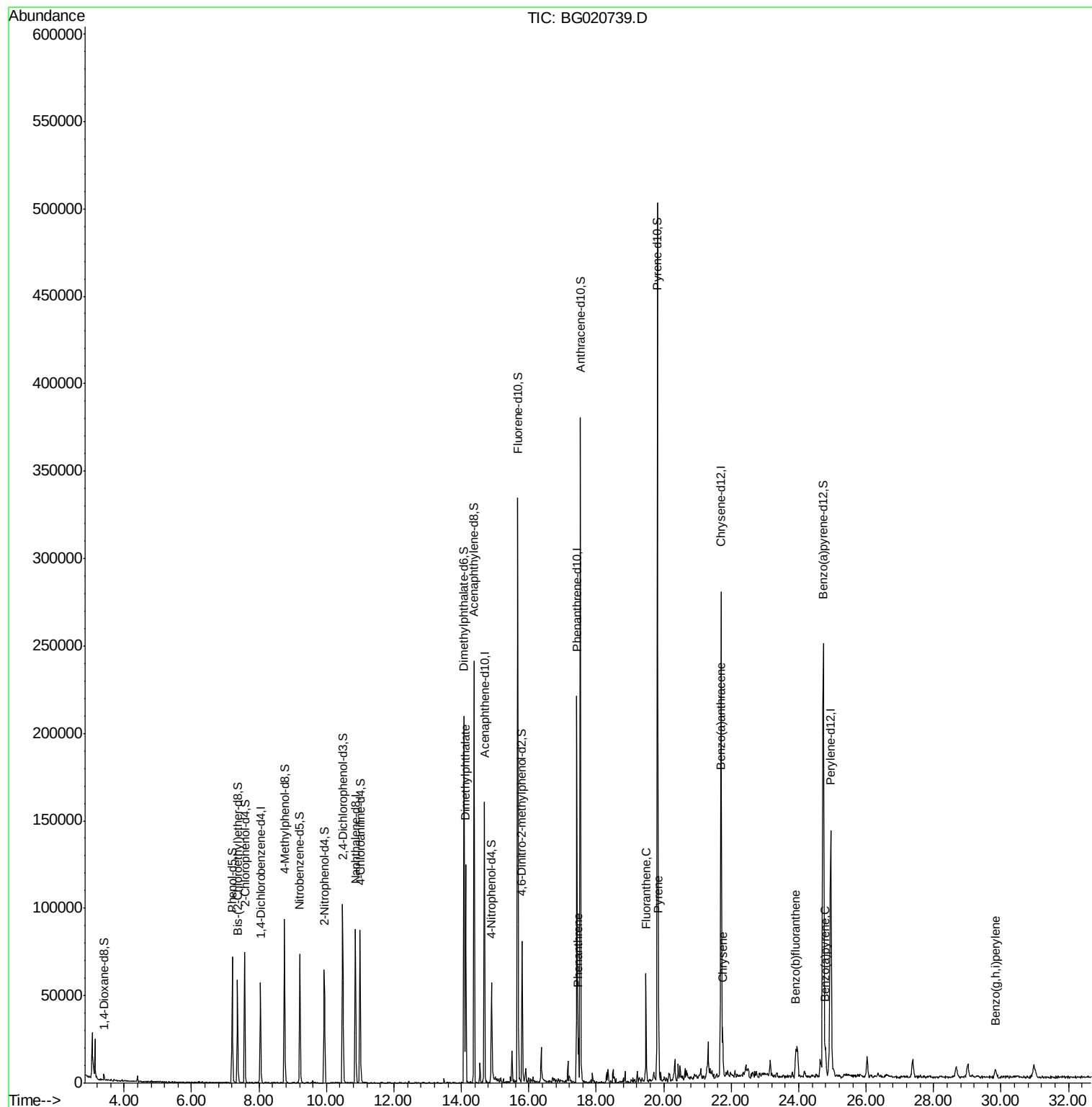
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011416\
Data File : BG020739.D
Acq On : 15 Jan 2016 1:06
Operator : SJ/IZ
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ALS Vial : 12 Sample Multiplier: 1

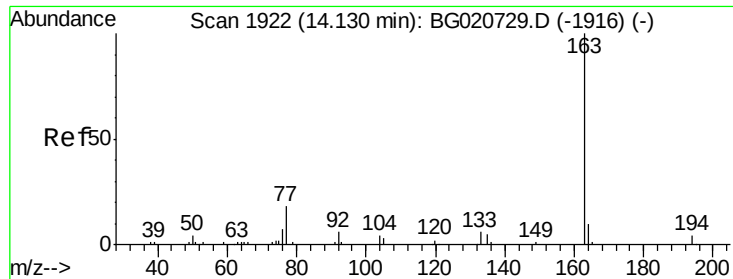
Instrument :
BNA_G
ClientSampleId :
BC9G9

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Quant Time: Jan 15 02:12:51 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





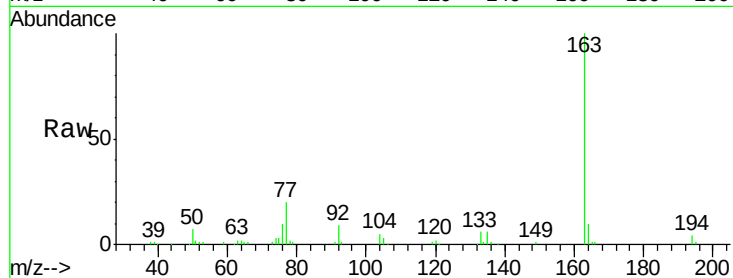
#45
Dimethylphthalate
Concen: 16.72 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Instrument :
BNA_G
ClientSampleId :
BC9G9

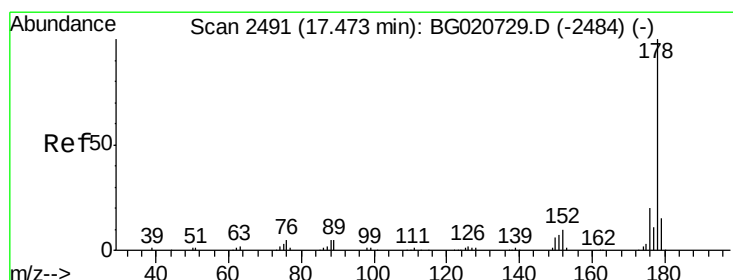
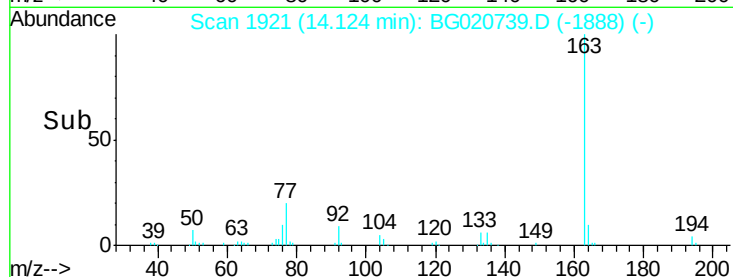
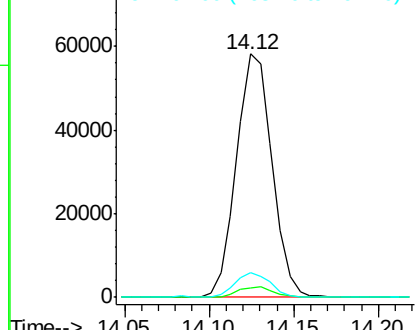
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	85692		
194	3.8	4.0	6.0	
164	10.0	8.4	12.6	

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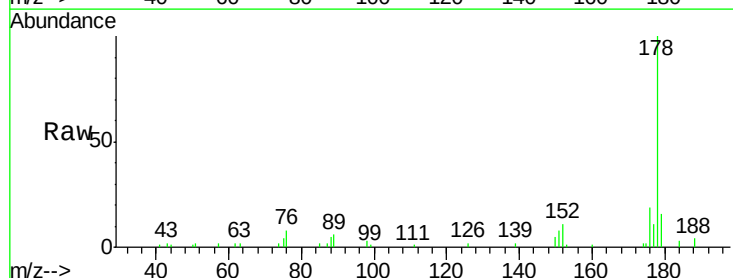


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

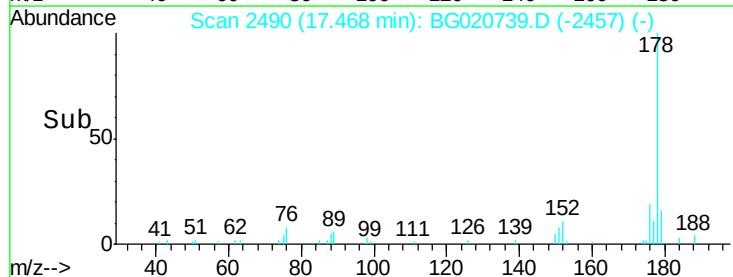
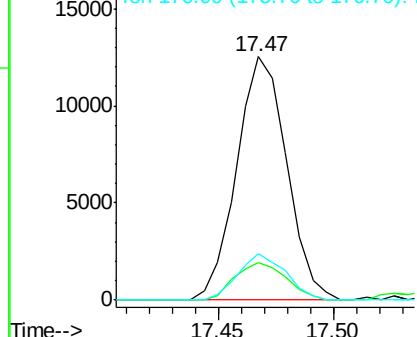


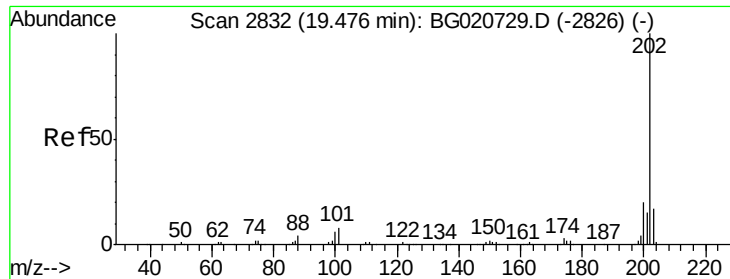
#70
Phenanthrene
Concen: 2.25 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	18936		
179	15.5	12.3	18.5	
176	19.3	15.4	23.0	



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





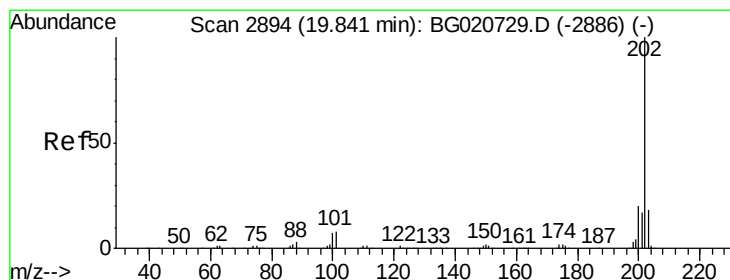
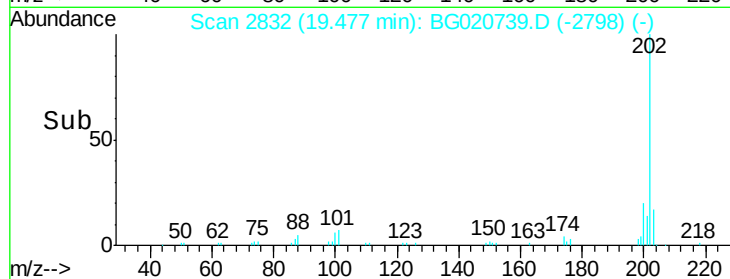
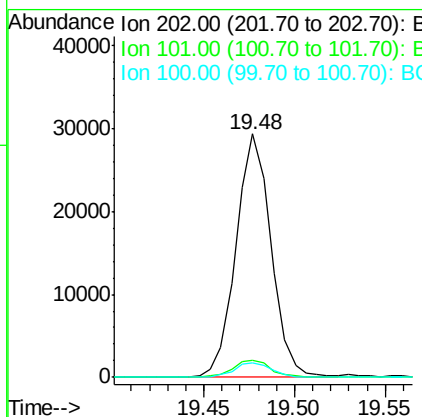
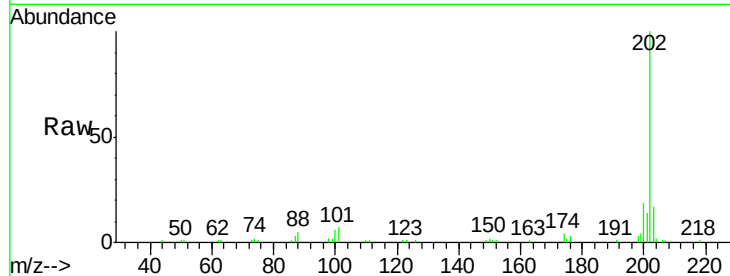
#77
 Fluoranthene
 Concen: 3.87 ng/ul
 RT: 19.48 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG020739.D
 Acq: 15 Jan 2016 1:06

Instrument :
 BNA_G
 ClientSampleId :
 BC9G9

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.2	6.1	9.1
100	5.8	4.6	7.0

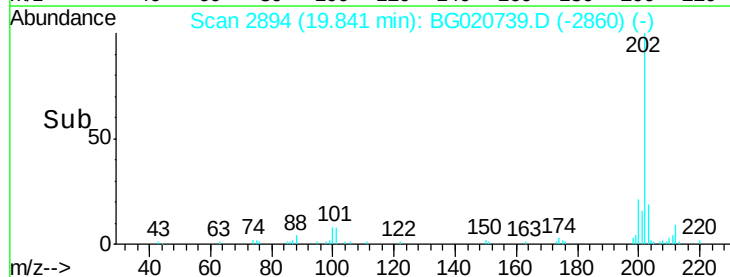
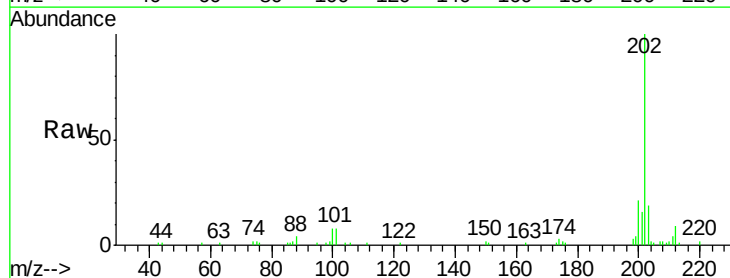
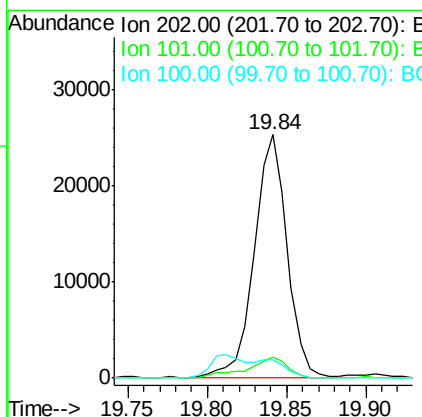
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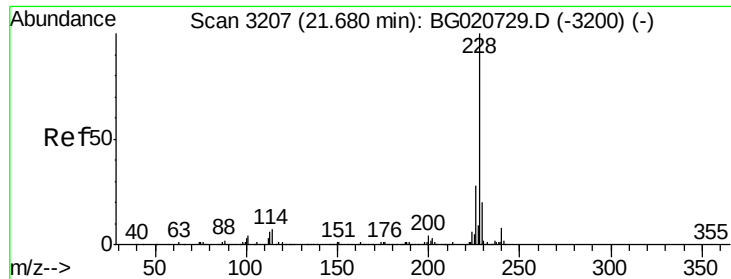
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#80
 Pyrene
 Concen: 3.40 ng/ul
 RT: 19.84 min Scan# 2894
 Delta R.T. 0.00 min
 Lab File: BG020739.D
 Acq: 15 Jan 2016 1:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.4	6.9	10.3
100	7.7	5.6	8.4





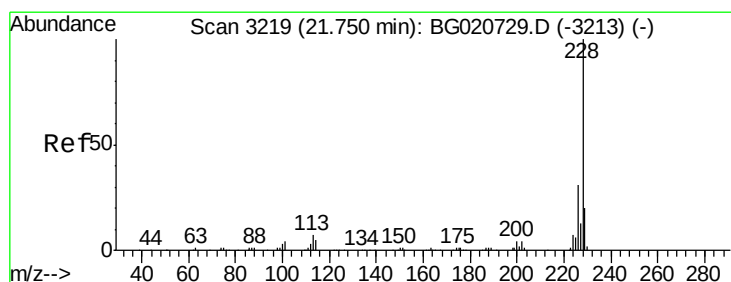
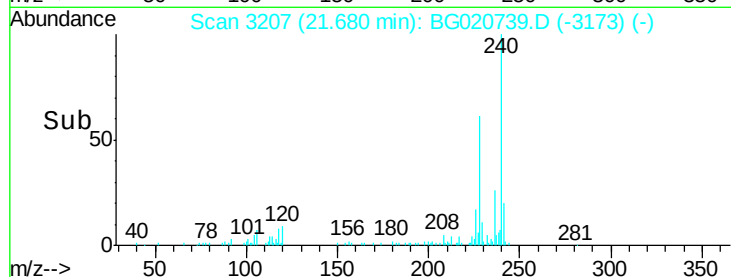
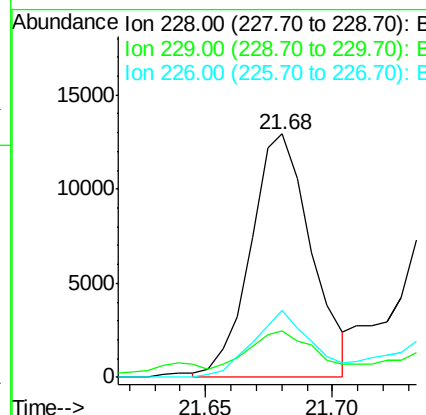
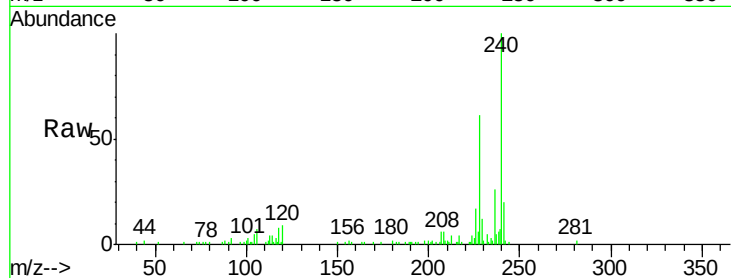
#83
Benzo(a)anthracene
Concen: 2.03 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Instrument :
BNA_G
ClientSampleId :
BC9G9

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.1	16.0	24.0
226	27.6	21.8	32.8

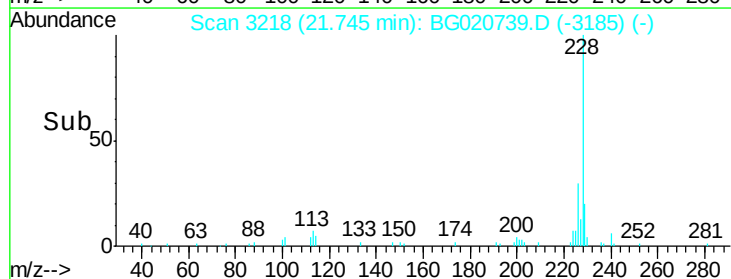
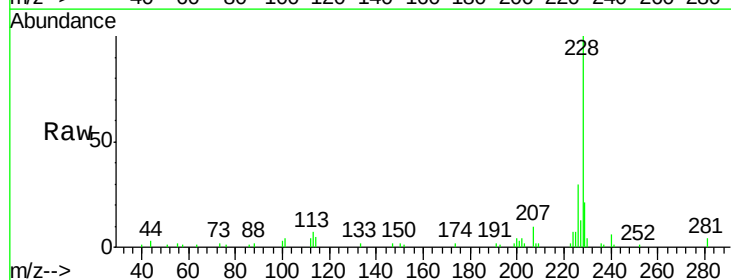
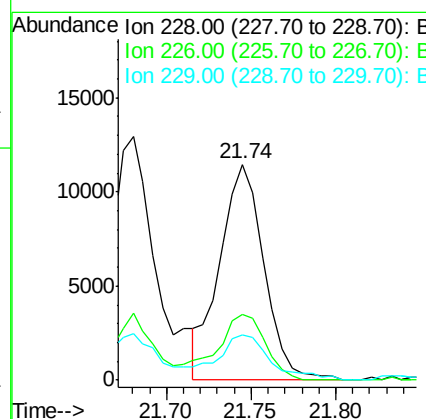
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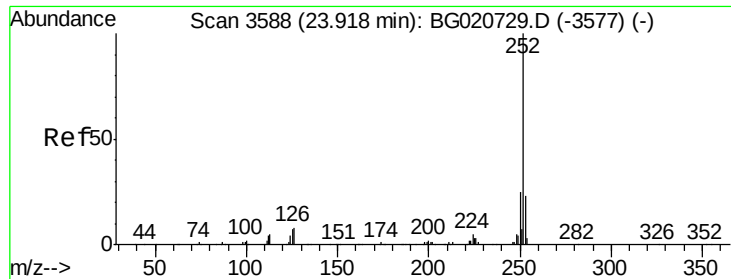
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#85
Chrysene
Concen: 2.09 ng/ul
RT: 21.74 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	21.2	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 2.49 ng/ul

RT: 23.92 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BG020739.D

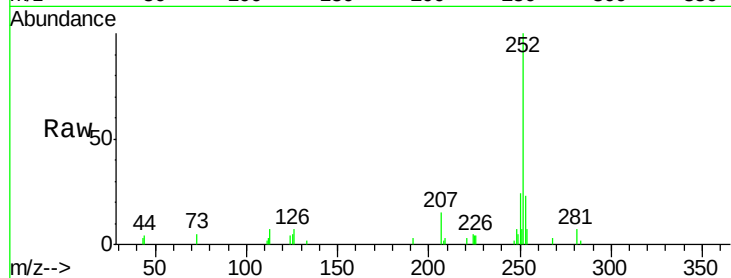
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Instrument :

BNA_G

ClientSampleId :

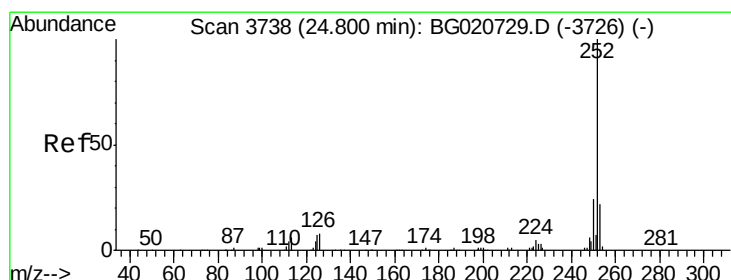
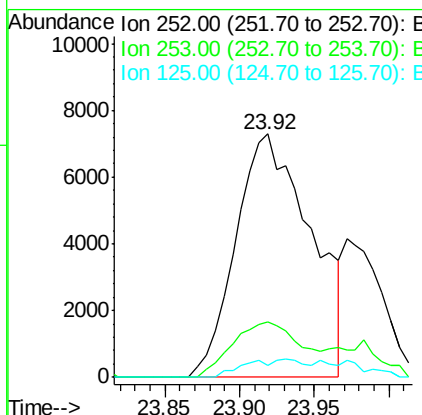
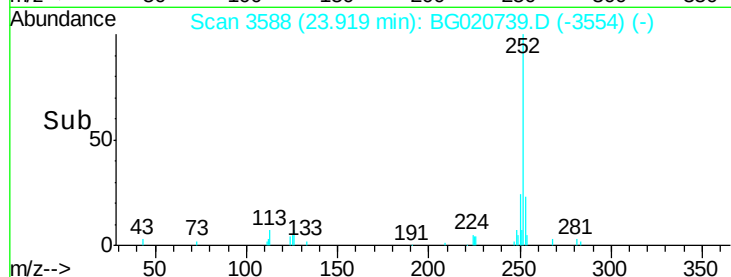
BC9G9



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	4.9	4.9	7.3

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#91

Benzo(a)pyrene

Concen: 1.86 ng/ul

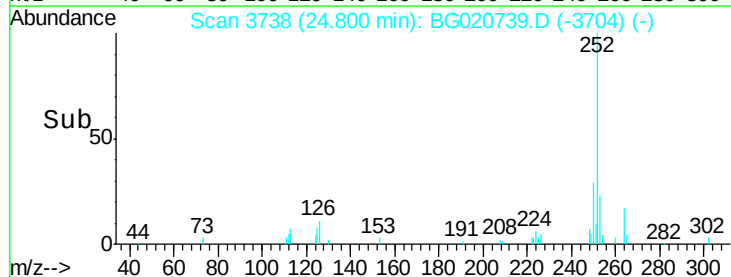
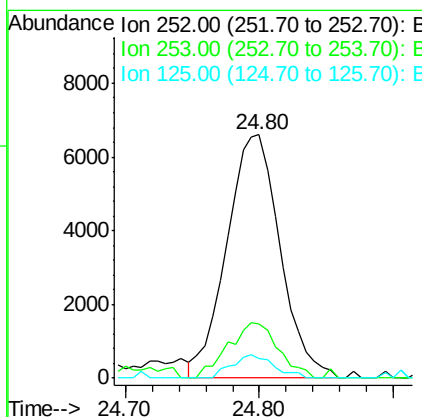
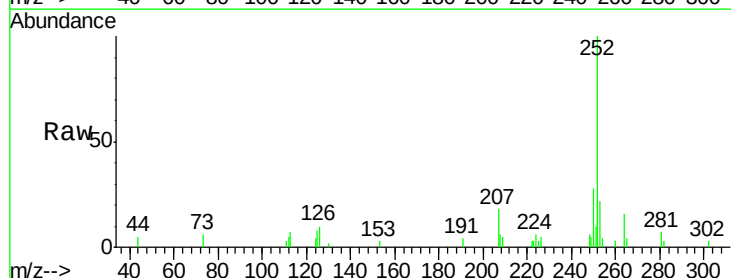
RT: 24.80 min Scan# 3738

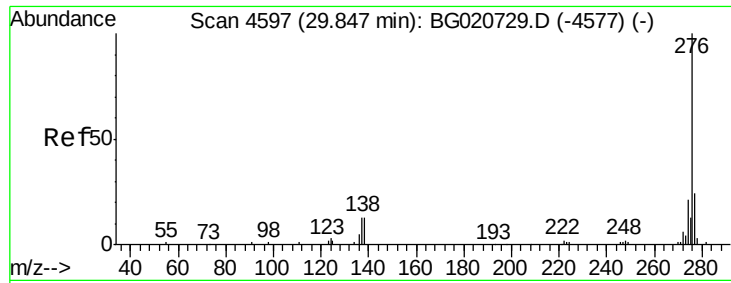
Delta R.T. 0.00 min

Lab File: BG020739.D

Acq: 15 Jan 2016 1:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	7.9	5.8	8.6





#94

Benzo(g,h,i)perylene

Concen: 1.07 ng/ul m

RT: 29.82 min Scan# 4593

Delta R.T. -0.02 min

Lab File: BG020739.D

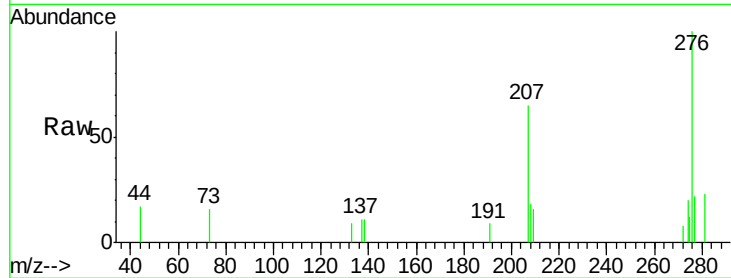
Acq: 15 Jan 2016 1:06

Instrument :

BNA_G

ClientSampleId :

BC9G9



Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.6	11.2	16.8#
277	21.6	19.0	28.6

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