

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
 Data File : BG020718.D
 Acq On : 14 Jan 2016 2:52
 Operator : SJ/IZ
 Sample : H1096-02 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC932

Manual Integrations
 APPROVED

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 1/14/2016 5:57:45 PM

Quant Time: Jan 14 10:40:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	16099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	69133	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	50668	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	130545	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	154434	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	144691	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.21	99	2116	1.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	1172	1.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	1828	1.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	1554	1.34	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	920	1.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	844	1.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	2149	1.78	ng/ul	0.02
29) 4-Chloroaniline-d4	11.03	131	592m	0.50	ng/ul	0.03
44) Dimethylphthalate-d6	14.08	166	9515	2.15	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	10866	2.19	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.67	176	9161	2.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	385	0.54	ng/ul	0.00
71) Anthracene-d10	17.52	188	15510	2.42	ng/ul	0.00
79) Pyrene-d10	19.82	212	17555	2.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	17859	2.32	ng/ul	0.00

Target Compounds

						Qvalue
70) Phenanthrene	17.47	178	72395	9.32	ng/ul	98
72) Anthracene	17.56	178	11926m	1.52	ng/ul	
77) Fluoranthene	19.48	202	149327	15.82	ng/ul	99
80) Pyrene	19.84	202	151548	15.48	ng/ul	99
83) Benzo(a)anthracene	21.68	228	82080	8.52	ng/ul	98
85) Chrysene	21.75	228	86542	9.50	ng/ul	96
88) Benzo(b)fluoranthene	23.92	252	94996	10.19	ng/ul	98
89) Benzo(k)fluoranthene	23.98	252	32116m	3.49	ng/ul	
91) Benzo(a)pyrene	24.80	252	71844	8.01	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.67	276	44925	4.24	ng/ul	98
94) Benzo(g,h,i)perylene	29.84	276	45487	5.21	ng/ul	96

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

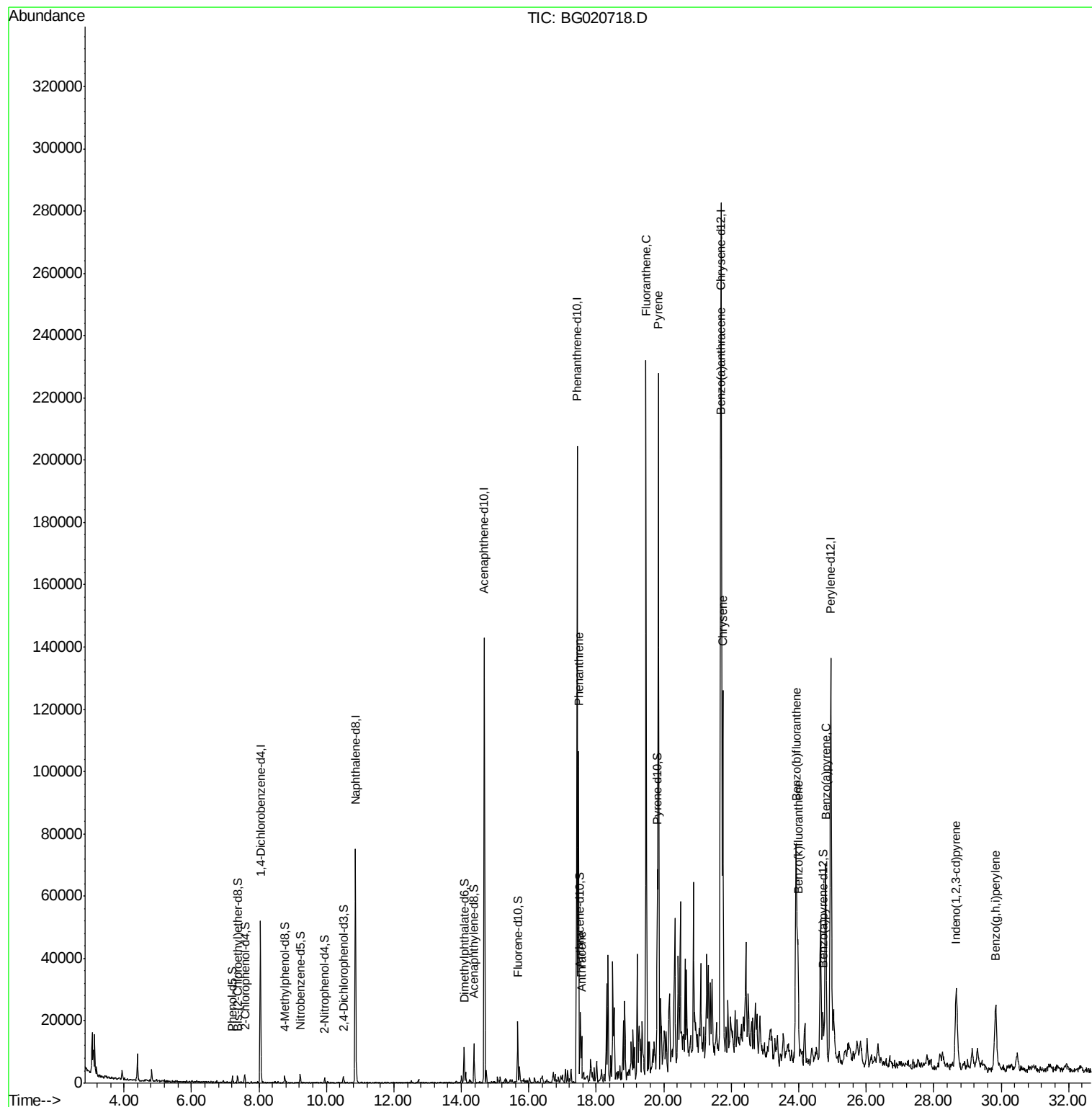
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020718.D
Acq On : 14 Jan 2016 2:52
Operator : SJ/IZ
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ALS Vial : 15 Sample Multiplier: 1

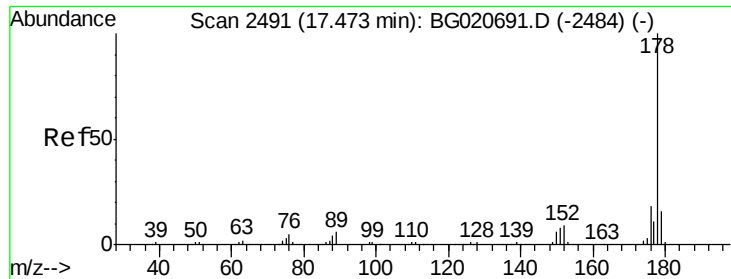
Instrument :
BNA_G
ClientSampleId :
BC932

Manual Integrations
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Quant Time: Jan 14 10:40:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
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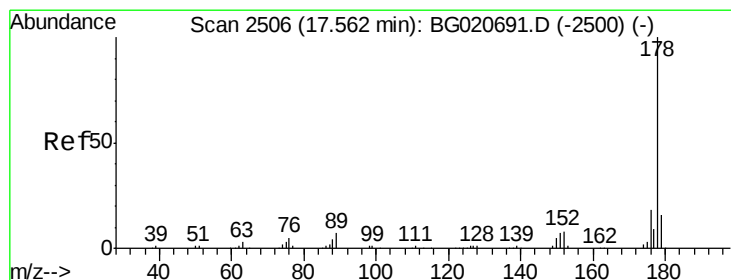
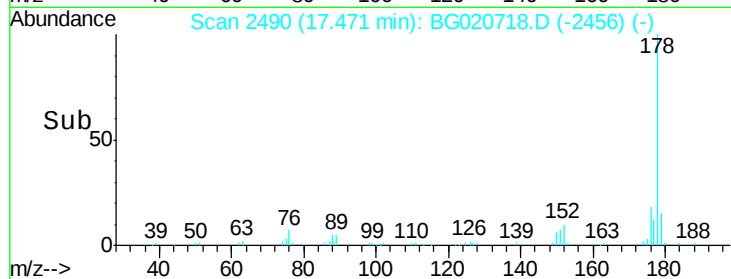
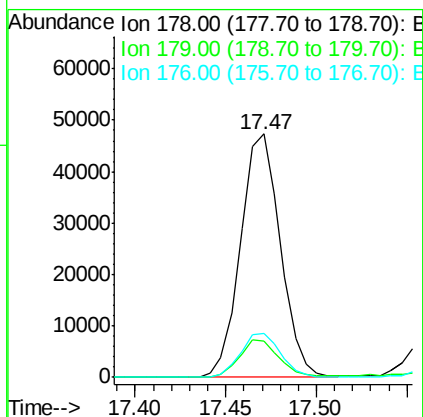
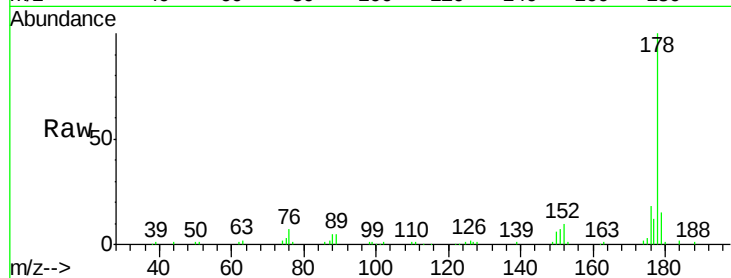
#70
Phenanthrene
Concen: 9.32 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BG020718.D
Acq: 14 Jan 2016 2:52

Instrument :
BNA_G
ClientSampleId :
BC932

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.1	15.4	23.0

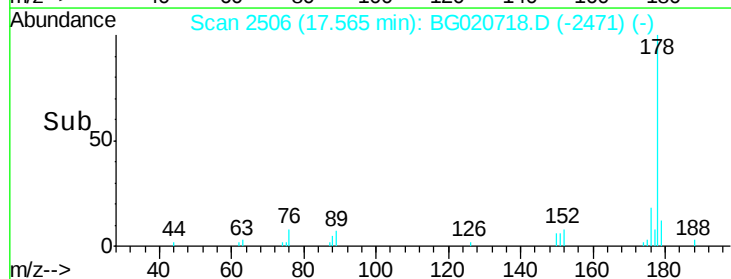
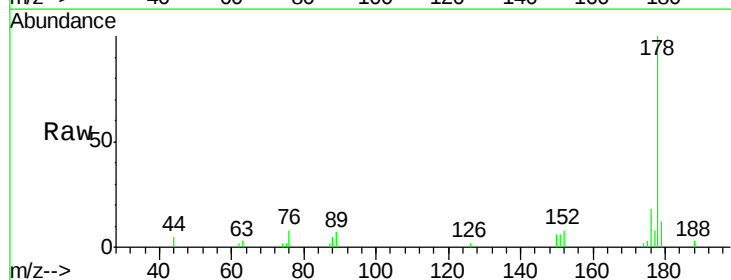
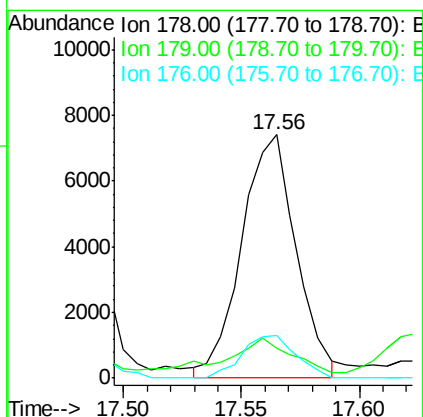
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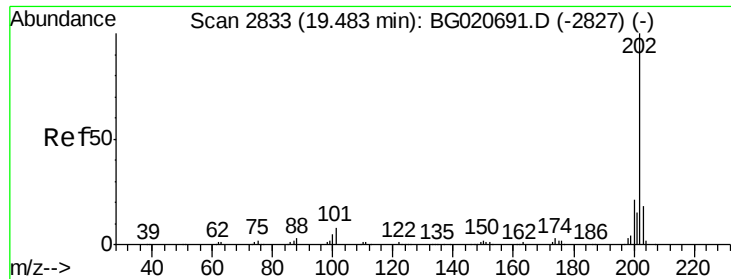
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#72
Anthracene
Concen: 1.52 ng/ul m
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG020718.D
Acq: 14 Jan 2016 2:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	12.1	13.4	20.2#
176	17.5	15.4	23.0





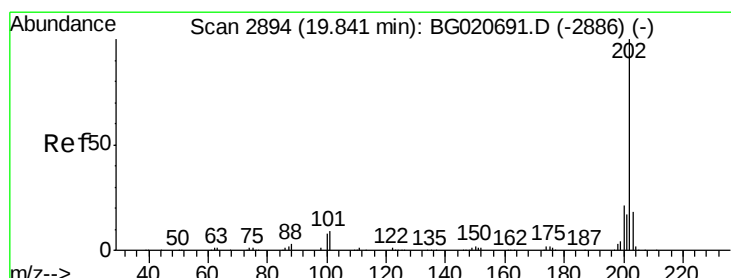
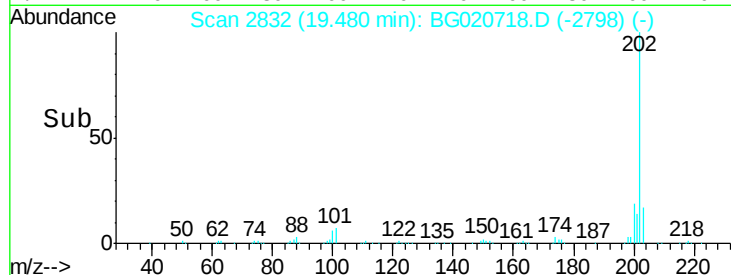
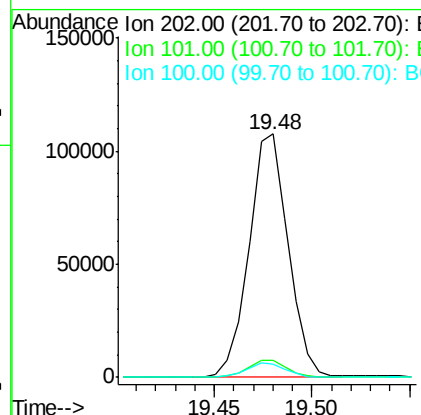
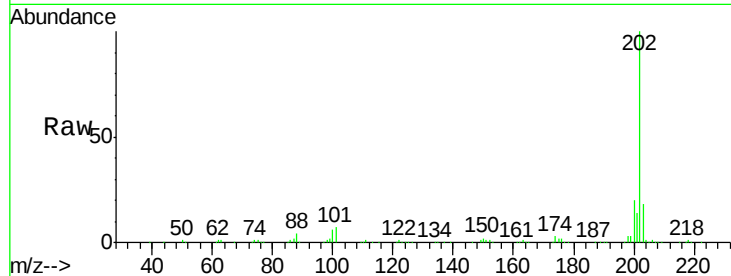
#77
 Fluoranthene
 Concen: 15.82 ng/ul
 RT: 19.48 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BG020718.D
 Acq: 14 Jan 2016 2:52

Instrument :
 BNA_G
 ClientSampled :
 BC932

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.1	6.1	9.1
100	5.7	4.6	7.0

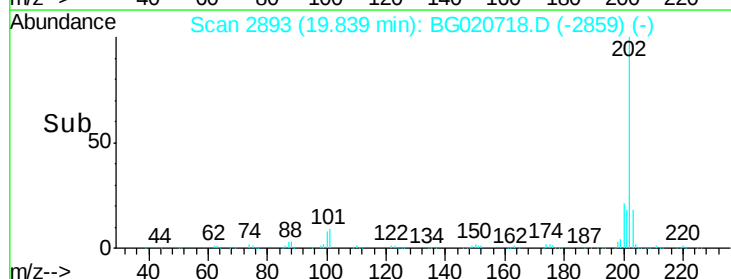
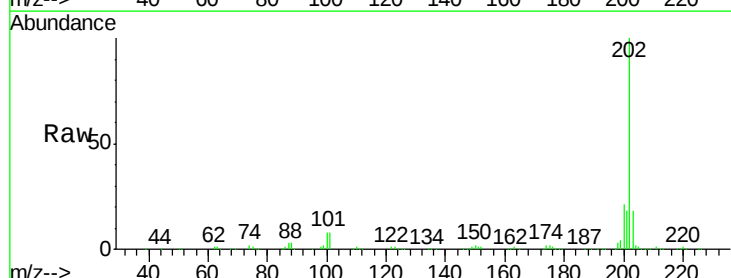
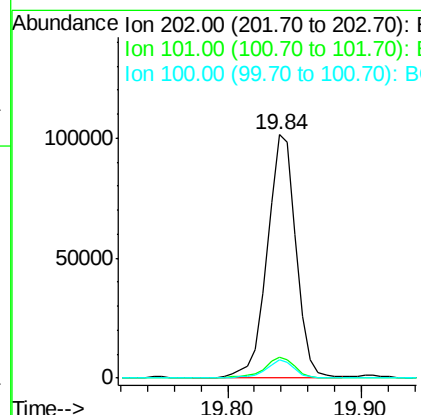
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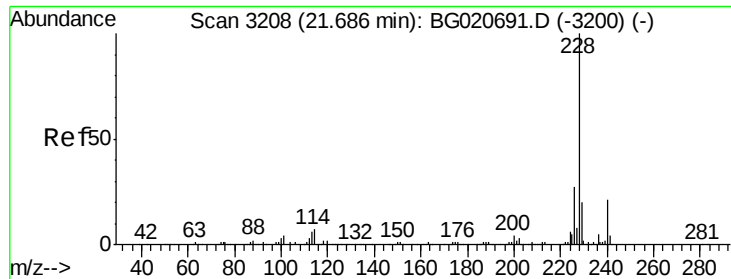
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#80
 Pyrene
 Concen: 15.48 ng/ul
 RT: 19.84 min Scan# 2893
 Delta R.T. -0.00 min
 Lab File: BG020718.D
 Acq: 14 Jan 2016 2:52

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





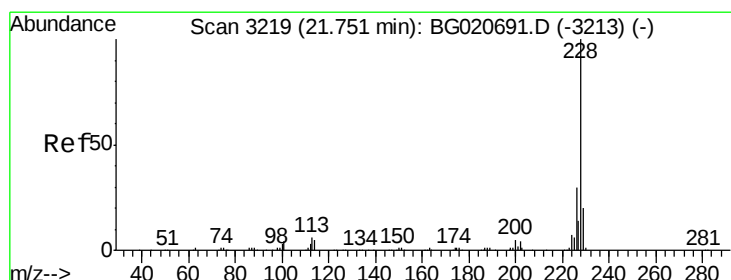
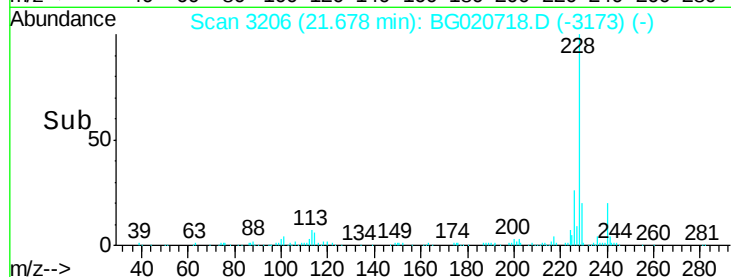
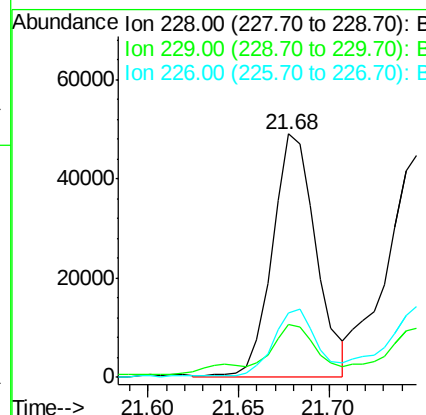
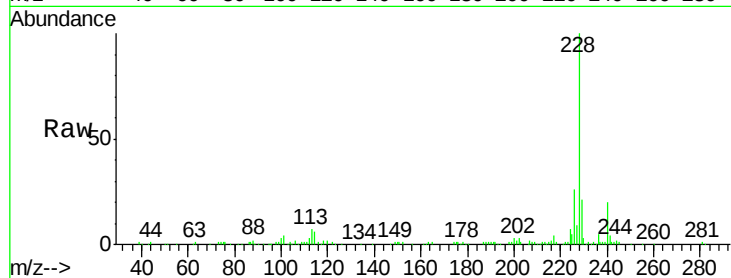
#83
Benzo(a)anthracene
Concen: 8.52 ng/ul
RT: 21.68 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG020718.D
Acq: 14 Jan 2016 2:52

Instrument :
BNA_G
ClientSampleId :
BC932

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.5	16.0	24.0
226	26.3	21.8	32.8

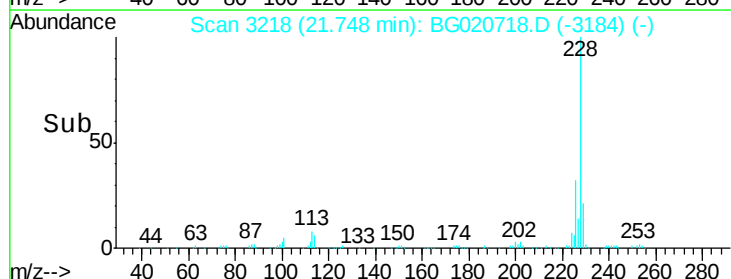
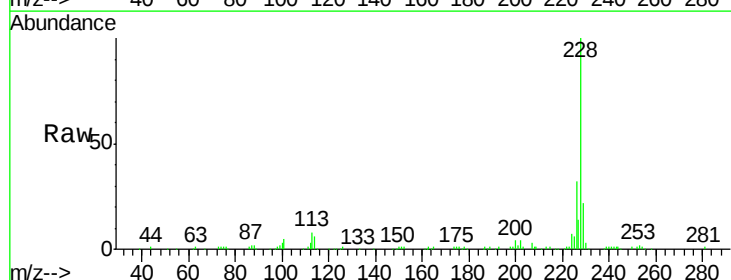
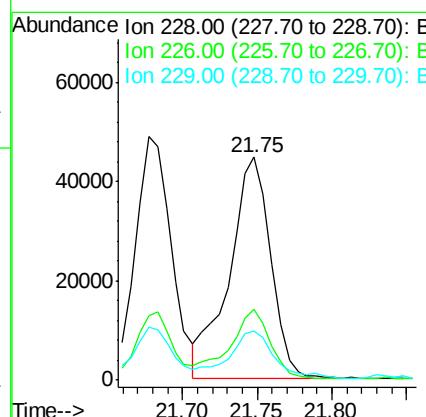
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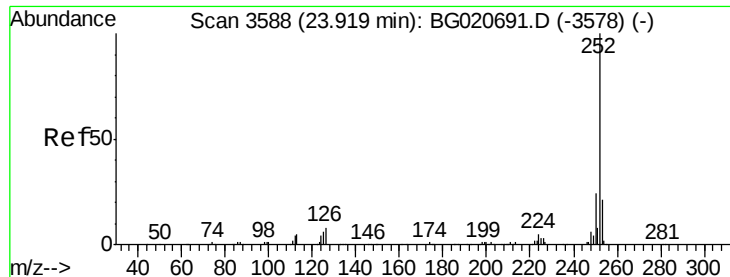
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#85
Chrysene
Concen: 9.50 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG020718.D
Acq: 14 Jan 2016 2:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.0	24.1	36.1
229	22.0	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 10.19 ng/ul

RT: 23.92 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BG020718.D

Acq: 14 Jan 2016 2:52

Instrument :

BNA_G

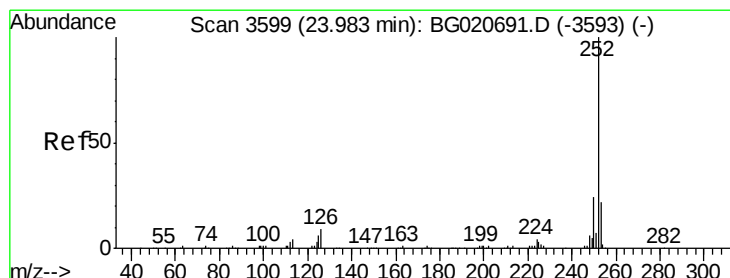
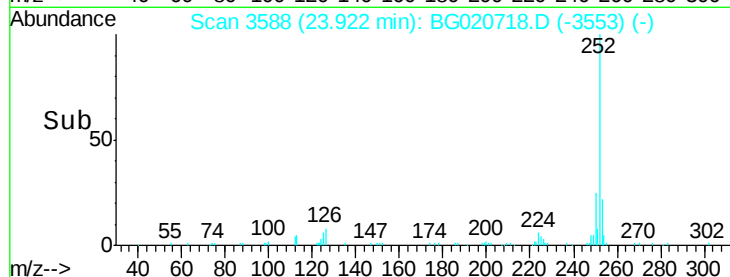
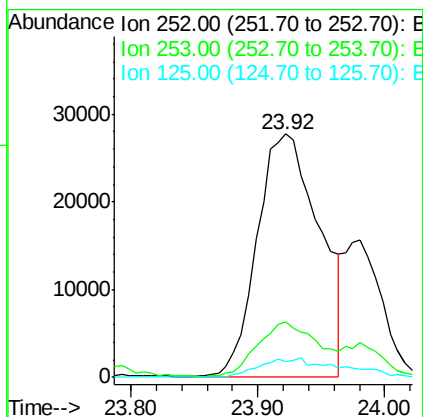
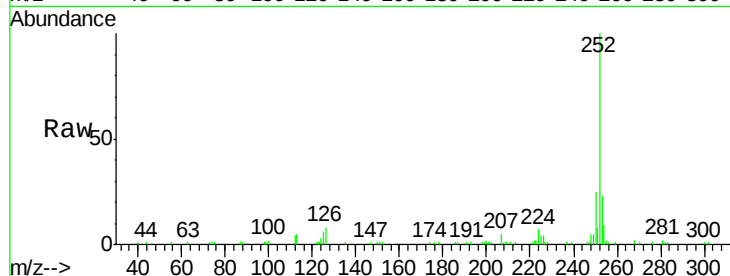
ClientSampleId :

BC932

Tgt Ion:	252	Resp:	94996
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	6.2	4.9	7.3

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#89

Benzo(k)fluoranthene

Concen: 3.49 ng/ul m

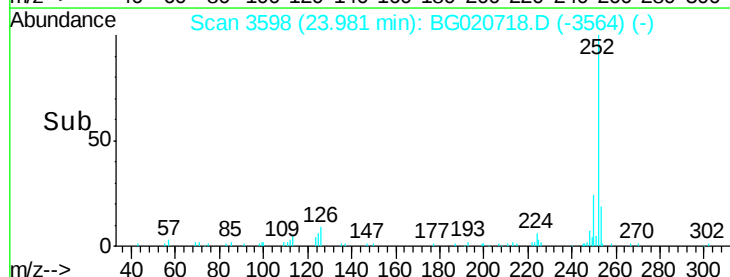
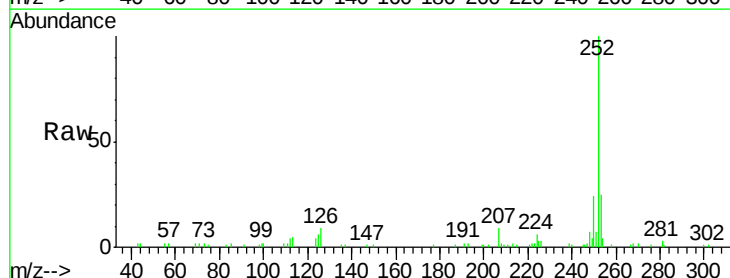
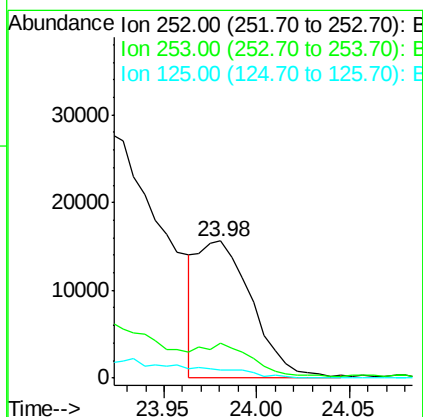
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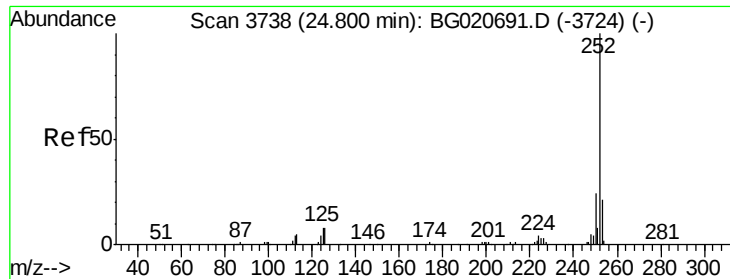
Delta R.T. -0.00 min

Lab File: BG020718.D

Acq: 14 Jan 2016 2:52

Tgt Ion:	252	Resp:	32116
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.1	25.7
125	5.9	5.4	8.0





#91

Benzo(a)pyrene

Concen: 8.01 ng/ul

RT: 24.80 min Scan# 3737

Delta R.T. -0.00 min

Lab File: BG020718.D

Acq: 14 Jan 2016 2:52

Instrument :

BNA_G

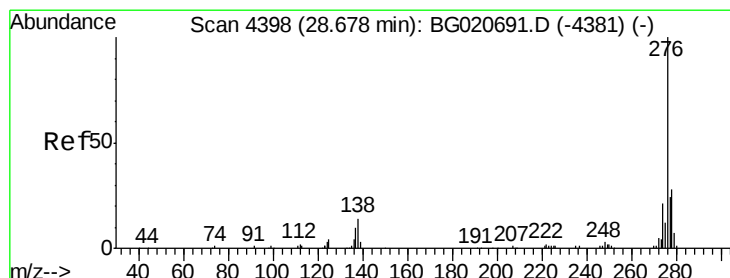
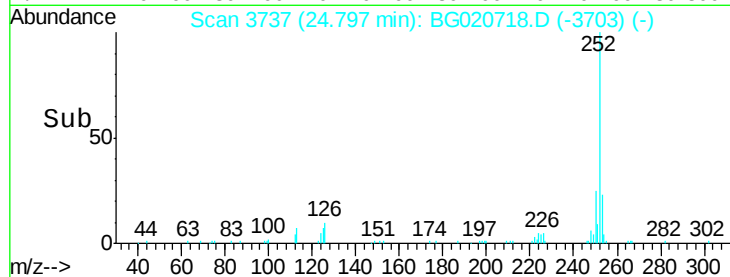
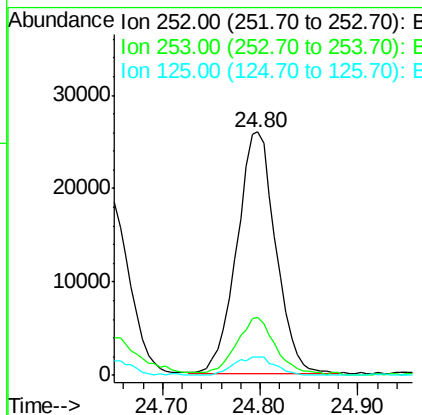
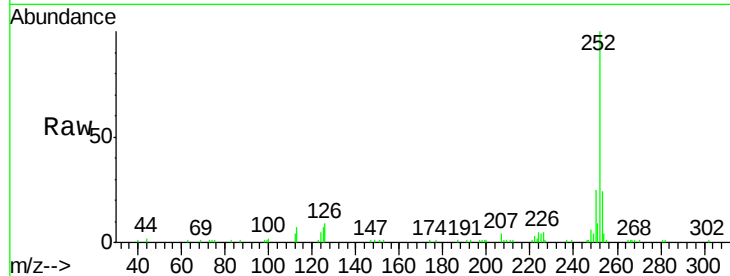
ClientSampleId :

BC932

Tgt Ion:	252	Resp:	71844
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.2	25.8
125	7.3	5.8	8.6

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#92

Indeno(1,2,3-cd)pyrene

Concen: 4.24 ng/ul

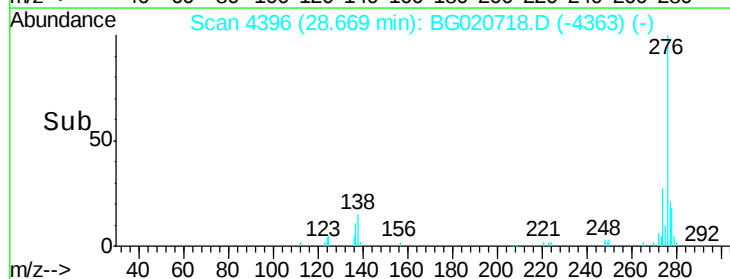
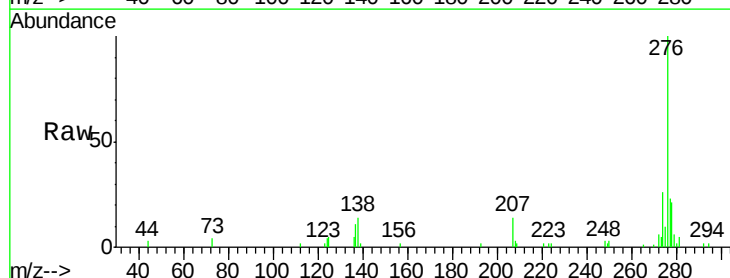
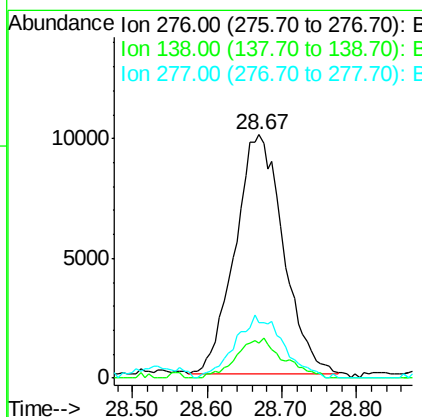
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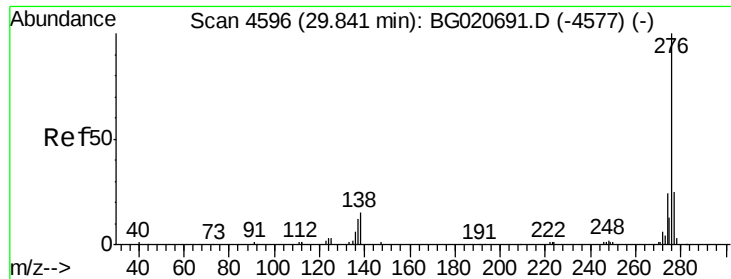
Delta R.T. -0.01 min

Lab File: BG020718.D

Acq: 14 Jan 2016 2:52

Tgt Ion:	276	Resp:	44925
Ion Ratio	Lower	Upper	
276	100		
138	14.5	10.9	16.3
277	22.8	18.9	28.3





#94

Benzo(g,h,i)perylene

Concen: 5.21 ng/ul

RT: 29.84 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BG020718.D

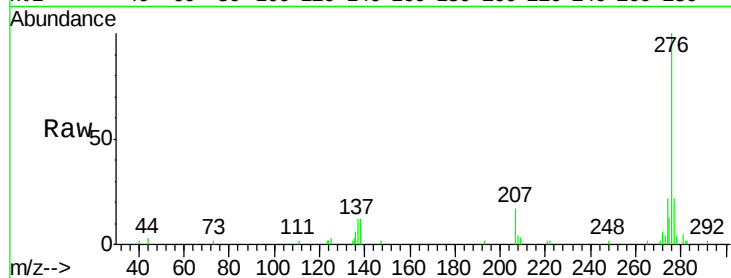
Acq: 14 Jan 2016 2:52

Instrument :

BNA_G

ClientSampleId :

BC932



Tgt Ion:	276	Resp:	45487
Ion Ratio	Lower	Upper	
276	100		
138	12.5	11.2	16.8
277	21.6	19.0	28.6

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