

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
 Data File : BG020697.D
 Acq On : 13 Jan 2016 8:16
 Operator : SJ/IZ
 Sample : H1094-11 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC972

Manual Integrations
 APPROVED

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 1/13/2016 3:31:18 PM

Quant Time: Jan 13 11:08:01 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	13314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	58853	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	44336	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	120413	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	142815	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	132198	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	1635	1.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	1109	1.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	1748	1.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	1332	1.38	ng/ul	0.01
19) Nitrobenzene-d5	9.23	128	789	1.70	ng/ul	0.01
22) 2-Nitrophenol-d4	9.95	143	843	1.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	819	0.80	ng/ul	0.02
29) 4-Chloroaniline-d4	11.02	131	1292	1.27	ng/ul	0.02
44) Dimethylphthalate-d6	14.08	166	9036	2.34	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	10046	2.31	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.67	176	8557	2.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	248	0.38	ng/ul	0.00
71) Anthracene-d10	17.53	188	15372	2.60	ng/ul	0.00
79) Pyrene-d10	19.81	212	18362	2.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	17295	2.45	ng/ul	-0.01

Target Compounds

					Qvalue
70) Phenanthrene	17.47	178	17022	2.38 ng/ul	98
77) Fluoranthene	19.48	202	40154	4.61 ng/ul	98
80) Pyrene	19.84	202	47434	5.24 ng/ul	99
83) Benzo(a)anthracene	21.68	228	21815m	2.45 ng/ul	
85) Chrysene	21.75	228	25907	3.08 ng/ul	99
88) Benzo(b)fluoranthene	23.92	252	27054	3.18 ng/ul	98
91) Benzo(a)pyrene	24.80	252	21707	2.65 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.67	276	13294	1.37 ng/ul	96
94) Benzo(g,h,i)perylene	29.85	276	13652	1.71 ng/ul	95

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

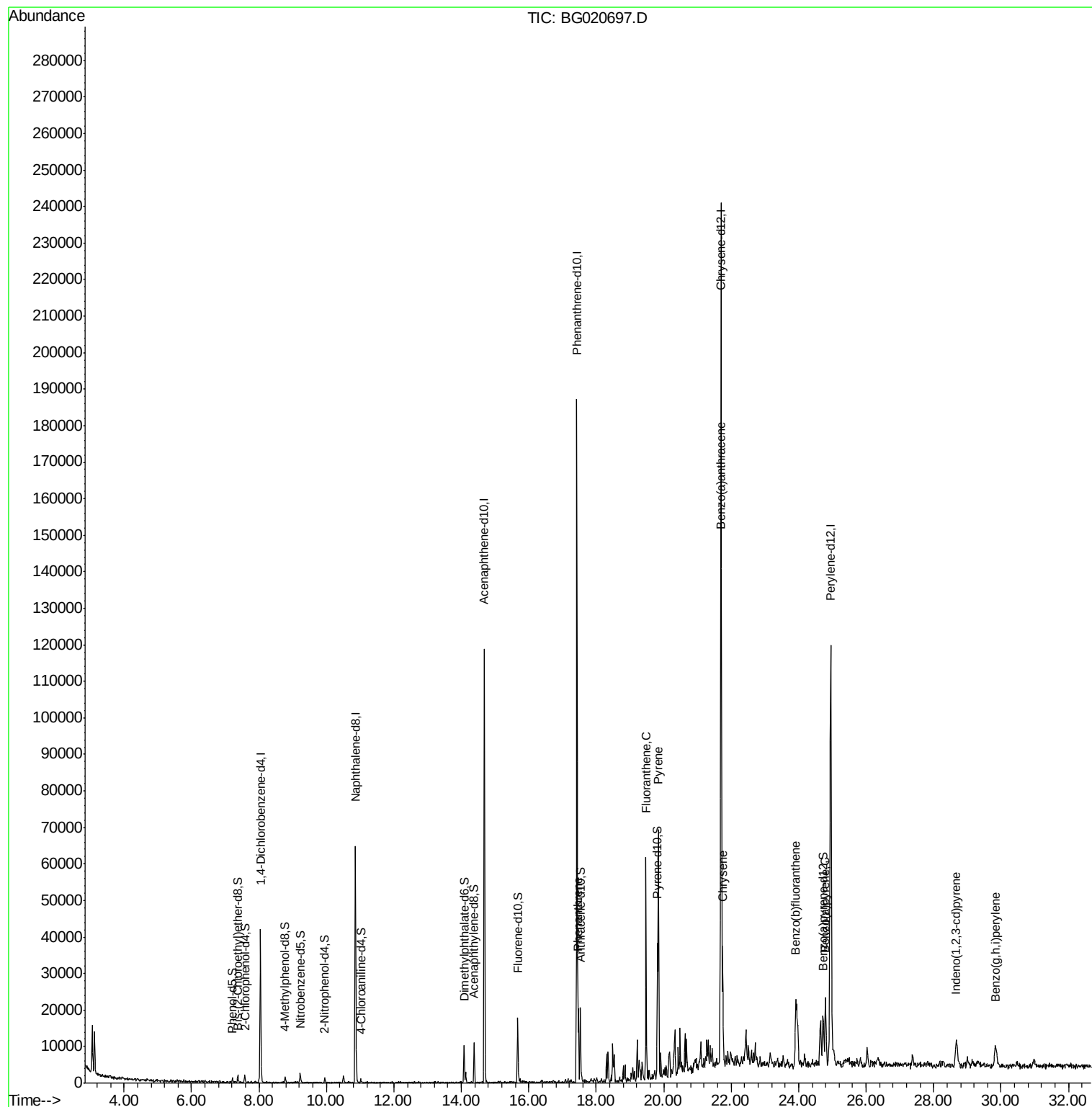
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020697.D
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Operator : SJ/IZ
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ALS Vial : 25 Sample Multiplier: 1

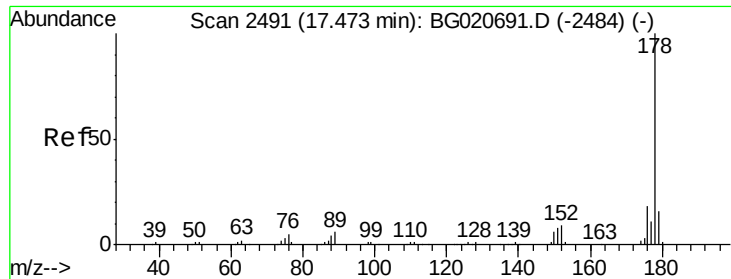
Instrument :
BNA_G
ClientSampleId :
BC972

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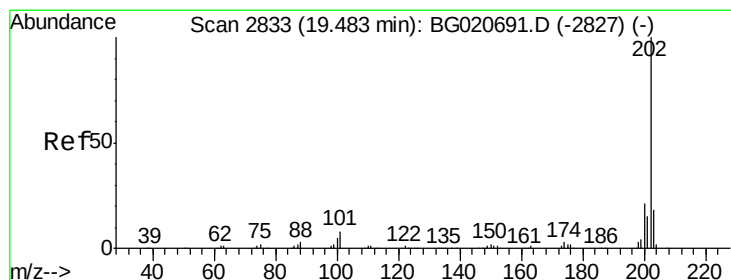
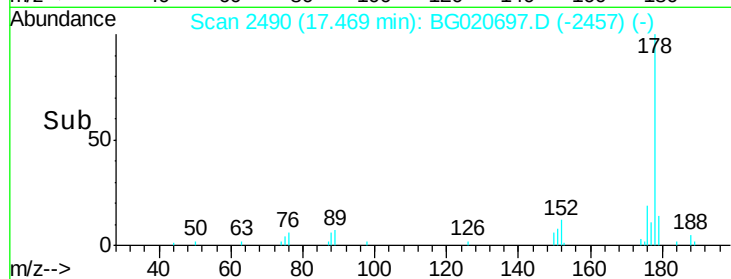
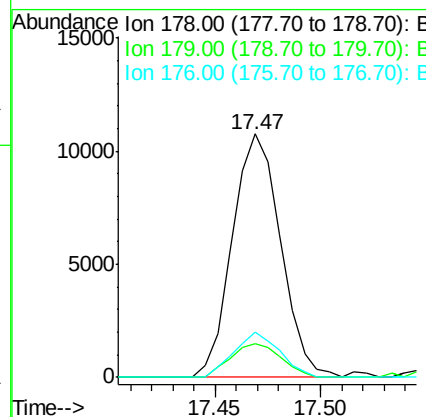
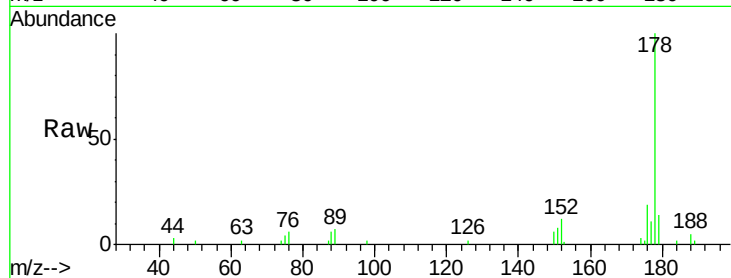
#70
 Phenanthrene
 Concen: 2.38 ng/ul
 RT: 17.47 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG020697.D
 Acq: 13 Jan 2016 8:16

Instrument :
 BNA_G
 ClientSampleId :
 BC972

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	14.0	12.3	18.5
176	18.5	15.4	23.0

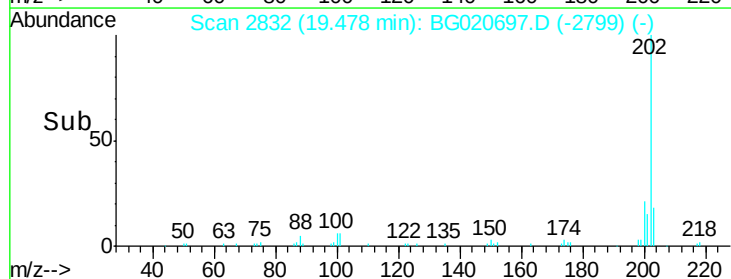
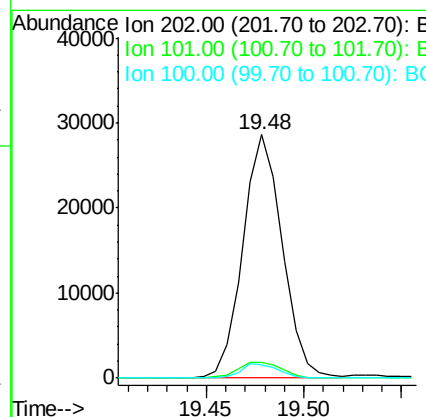
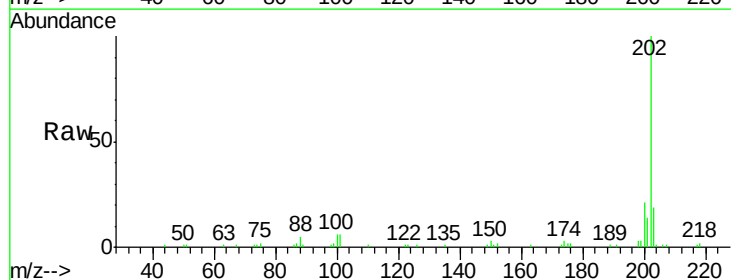
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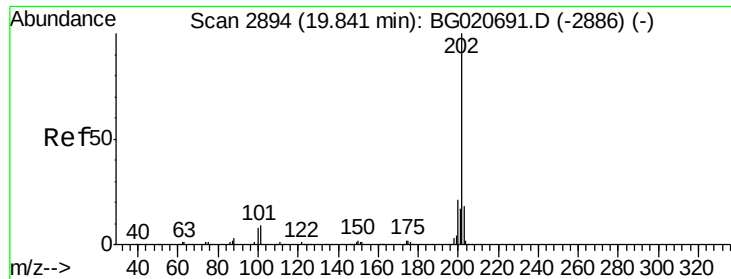
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#77
 Fluoranthene
 Concen: 4.61 ng/ul
 RT: 19.48 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BG020697.D
 Acq: 13 Jan 2016 8:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.5	6.1	9.1
100	5.6	4.6	7.0





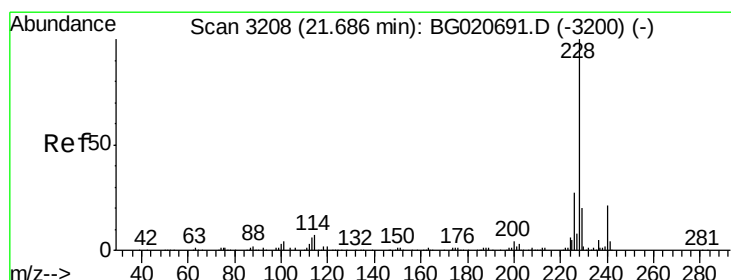
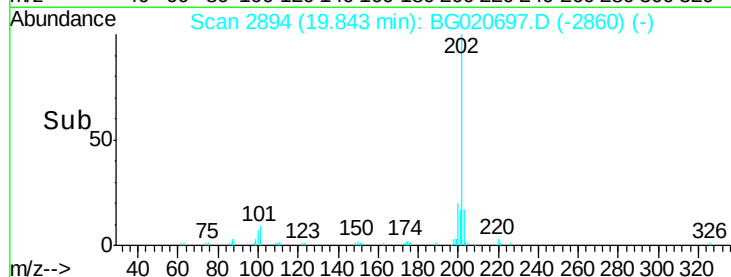
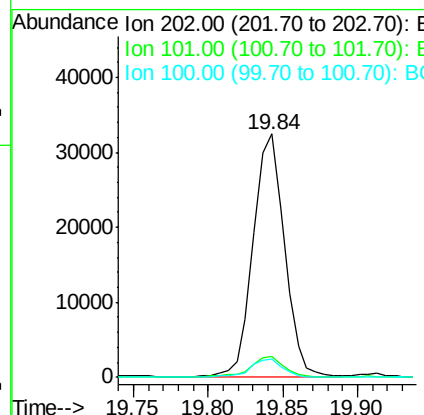
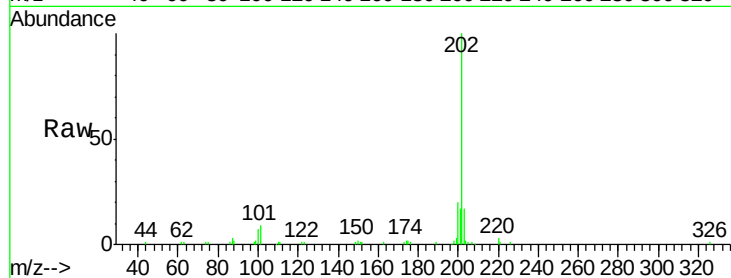
#80
Pyrene
Concen: 5.24 ng/ul
RT: 19.84 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BG020697.D
Acq: 13 Jan 2016 8:16

Instrument :
BNA_G
ClientSampleId :
BC972

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	6.9	10.3
100	7.4	5.6	8.4

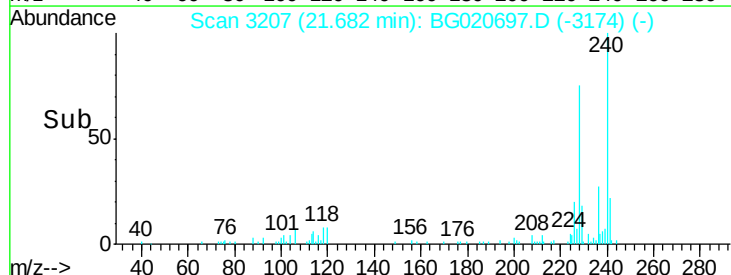
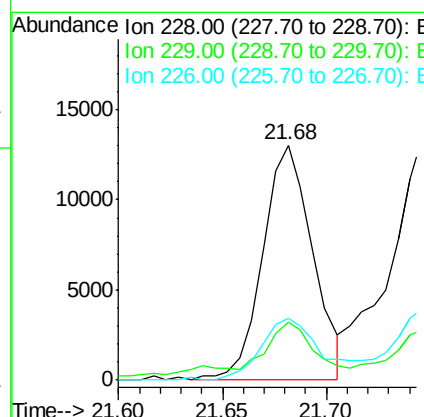
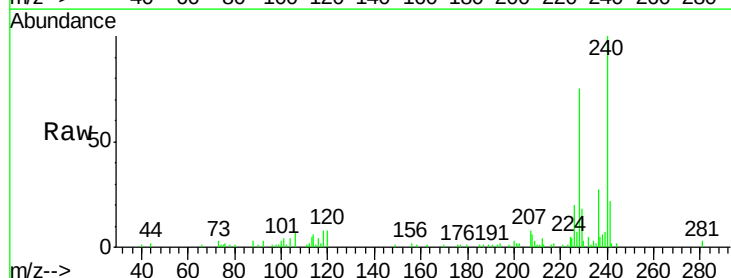
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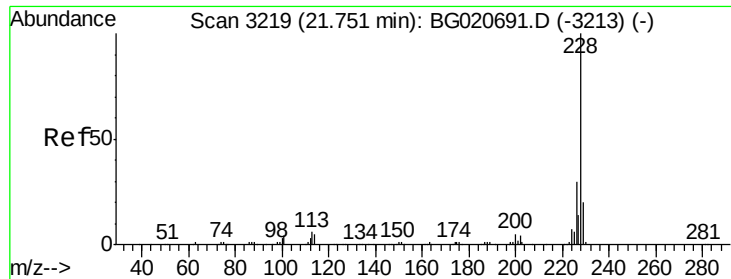
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#83
Benzo(a)anthracene
Concen: 2.45 ng/ul m
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG020697.D
Acq: 13 Jan 2016 8:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.5	16.0	24.0#
226	26.4	21.8	32.8





#85

Chrysene

Concen: 3.08 ng/ul

RT: 21.75 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BG020697.D

Acq: 13 Jan 2016 8:16

Instrument :

BNA_G

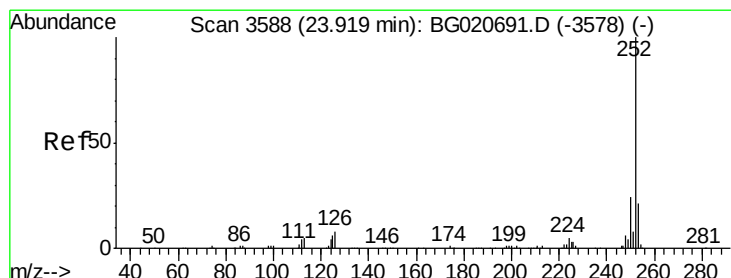
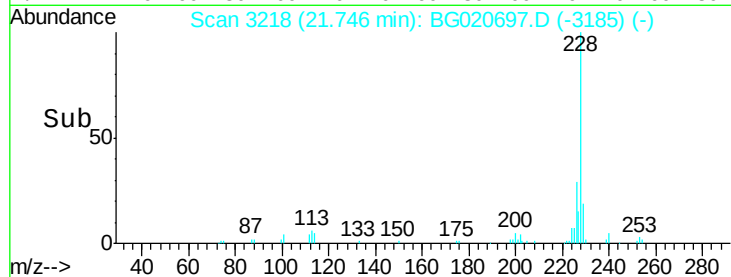
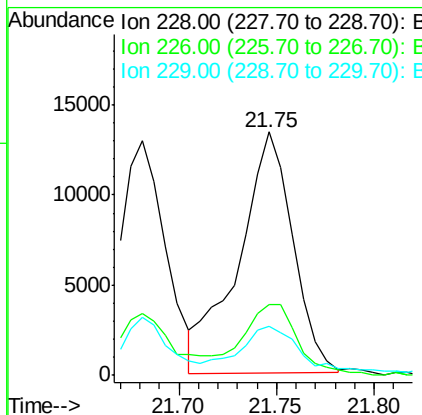
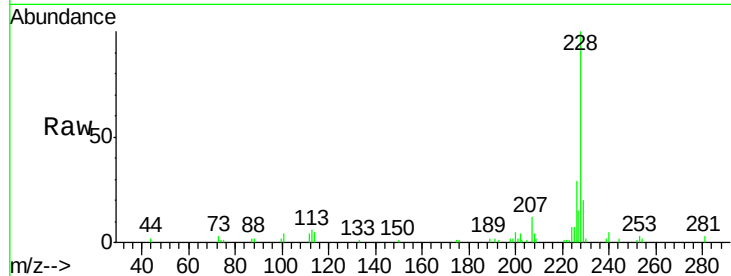
ClientSampleId :

BC972

Tgt Ion:	228	Resp:	25907
Ion Ratio		Lower	Upper
228	100		
226	29.3	24.1	36.1
229	20.2	16.0	24.0

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#88

Benzo(b)fluoranthene

Concen: 3.18 ng/ul

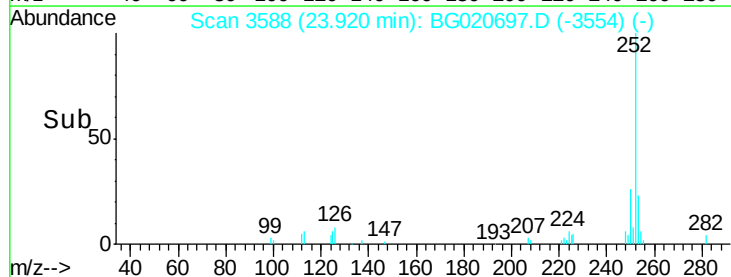
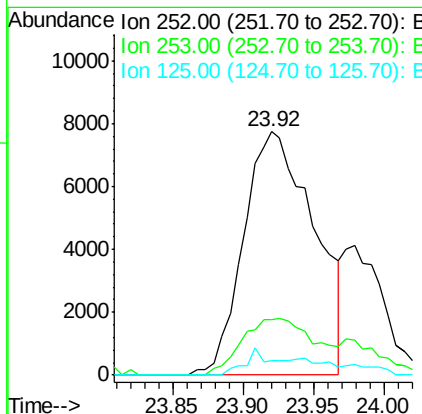
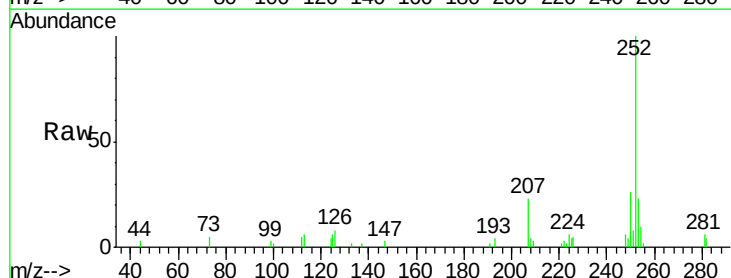
RT: 23.92 min Scan# 3588

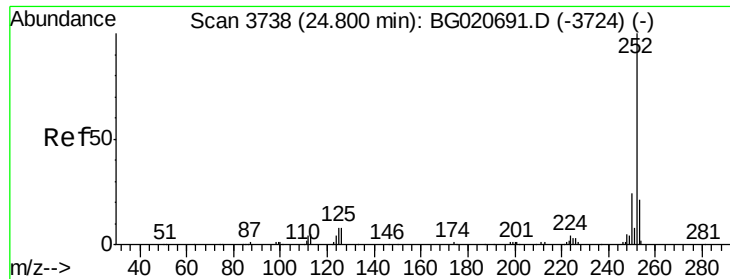
Delta R.T. 0.00 min

Lab File: BG020697.D

Acq: 13 Jan 2016 8:16

Tgt Ion:	252	Resp:	27054
Ion Ratio		Lower	Upper
252	100		
253	23.0	17.4	26.0
125	6.0	4.9	7.3





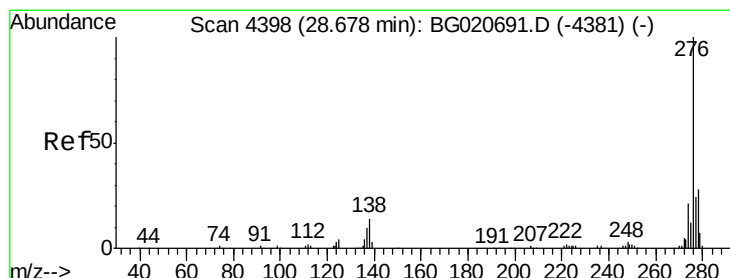
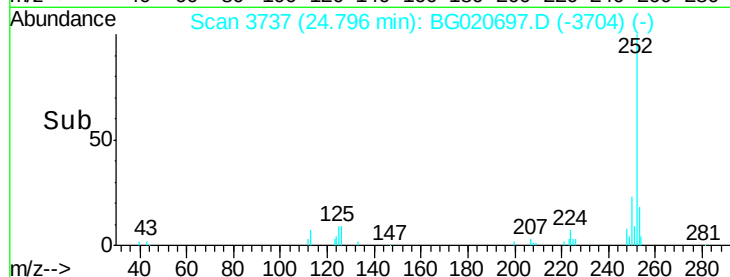
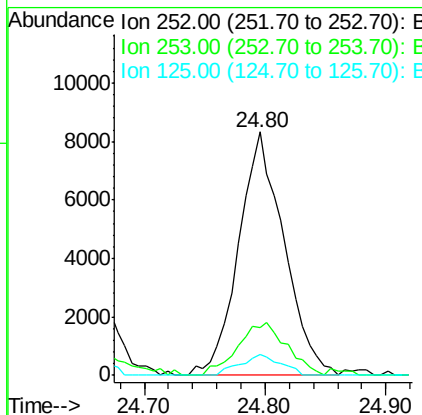
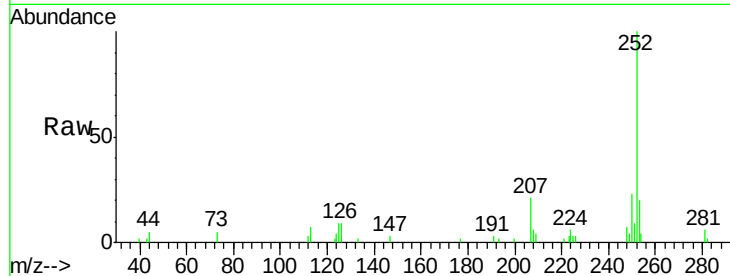
#91
Benzo(a)pyrene
Concen: 2.65 ng/ul
RT: 24.80 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG020697.D
Acq: 13 Jan 2016 8:16

Instrument :
BNA_G
ClientSampleId :
BC972

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	19.7	17.2	25.8
125	8.7	5.8	8.6

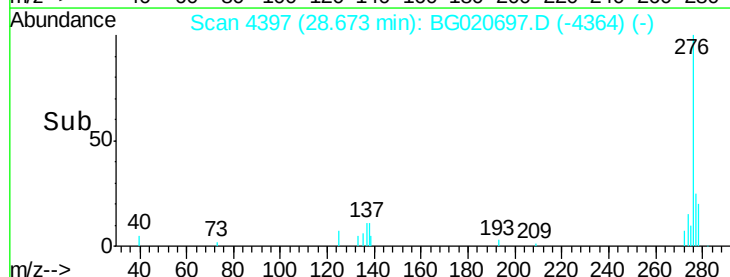
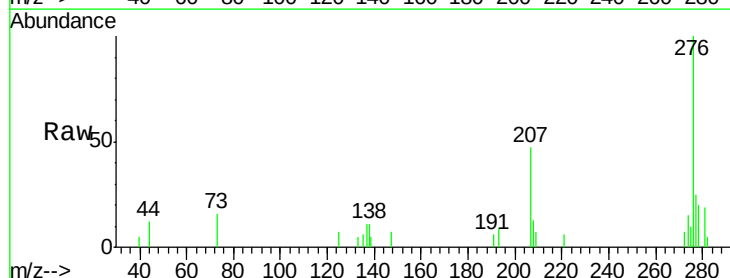
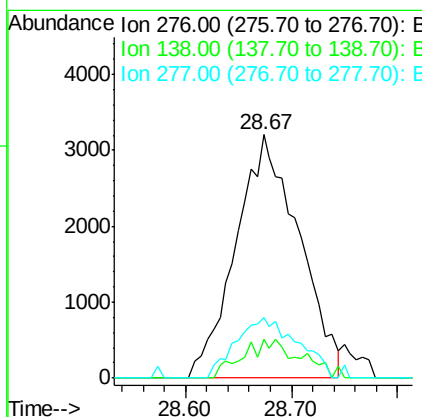
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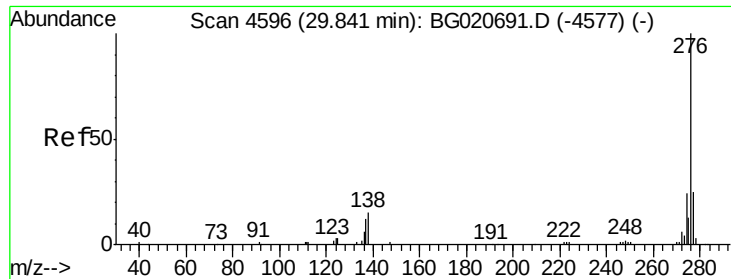
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.37 ng/ul
RT: 28.67 min Scan# 4397
Delta R.T. -0.00 min
Lab File: BG020697.D
Acq: 13 Jan 2016 8:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.1	10.9	16.3
277	24.9	18.9	28.3





#94

Benzo(g,h,i)perylene

Concen: 1.71 ng/ul

RT: 29.85 min Scan# 4597

Delta R.T. 0.01 min

Lab File: BG020697.D

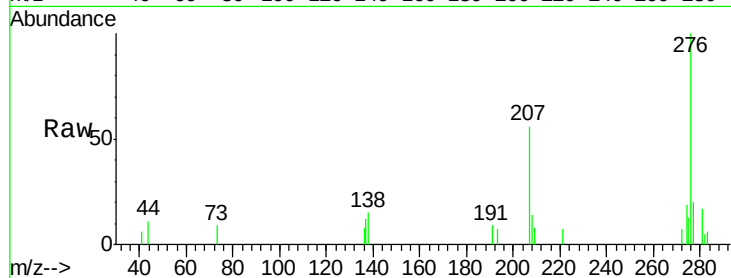
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Instrument :

BNA_G

ClientSampleId :

BC972



Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	11.2	16.8
277	20.5	19.0	28.6

Manual Integrations
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