

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
 Data File : BG020696.D
 Acq On : 13 Jan 2016 7:37
 Operator : SJ/IZ
 Sample : H1094-09 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC960

Manual Integrations
 APPROVED

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Quant Time: Jan 13 10:52:23 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	12674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	57974	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	44022	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	124022	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	146287	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	135702	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	7.22	99	1764	1.62	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.37	67	1299	1.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	1444	1.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	1160	1.27	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	798	1.74	ng/ul	0.02
22) 2-Nitrophenol-d4	9.94	143	516	0.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	1448	1.43	ng/ul	0.02
29) 4-Chloroaniline-d4	11.01	131	677	0.68	ng/ul	0.01
44) Dimethylphthalate-d6	14.08	166	8955	2.33	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	10373	2.40	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.67	176	8899	2.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	216	0.32	ng/ul	0.00
71) Anthracene-d10	17.53	188	14432	2.37	ng/ul	0.00
79) Pyrene-d10	19.81	212	19470	2.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	17647m	2.44	ng/ul	-0.01

Target Compounds

						Qvalue
70) Phenanthrene	17.47	178	9185	1.24	ng/ul	99
77) Fluoranthene	19.48	202	22776	2.54	ng/ul	100
80) Pyrene	19.84	202	26942	2.90	ng/ul	98
83) Benzo(a)anthracene	21.68	228	12846	1.41	ng/ul	97
85) Chrysene	21.75	228	15036	1.74	ng/ul	98
88) Benzo(b)fluoranthene	23.91	252	15676	1.79	ng/ul#	90
91) Benzo(a)pyrene	24.80	252	12639	1.50	ng/ul	97

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

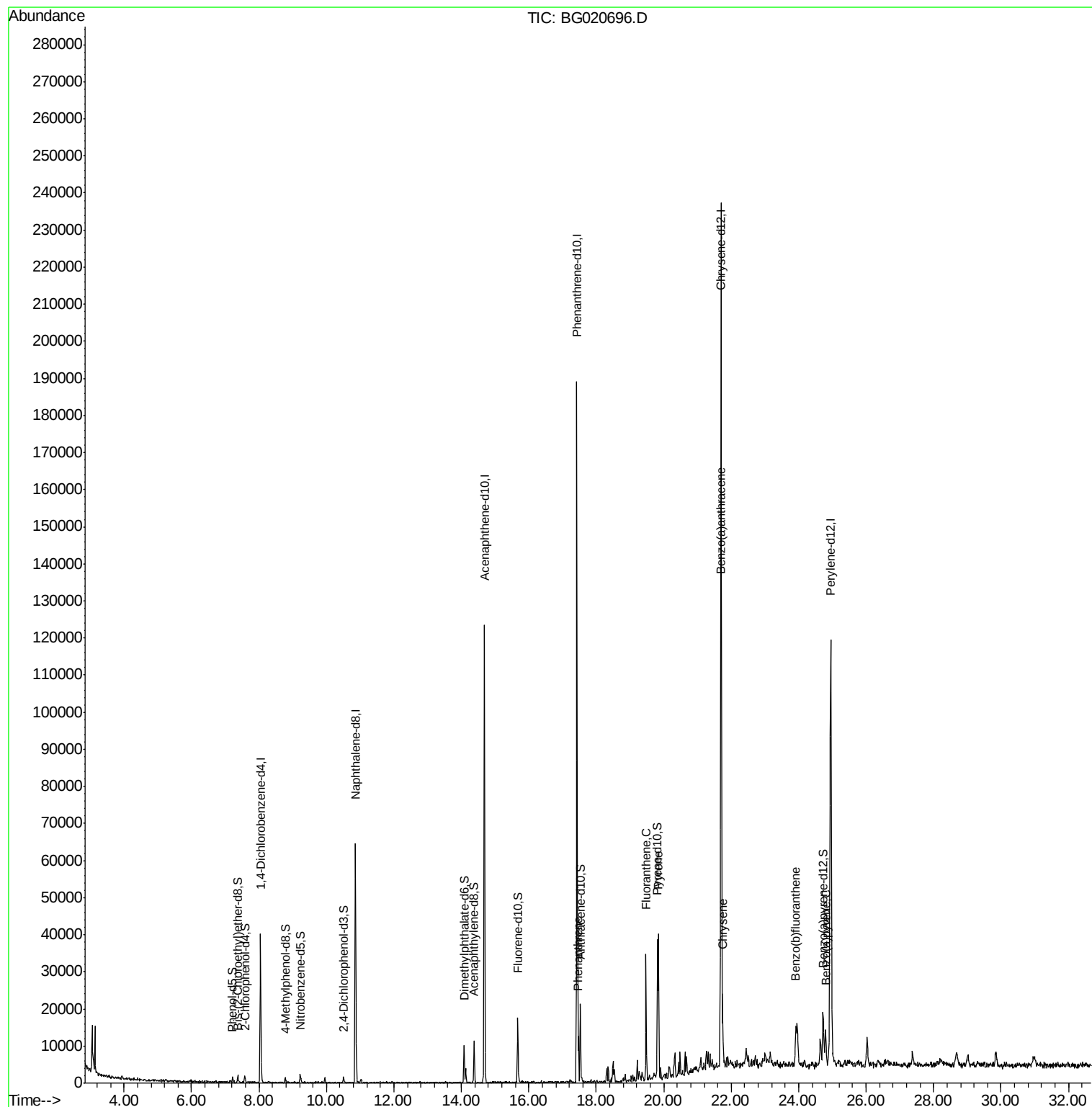
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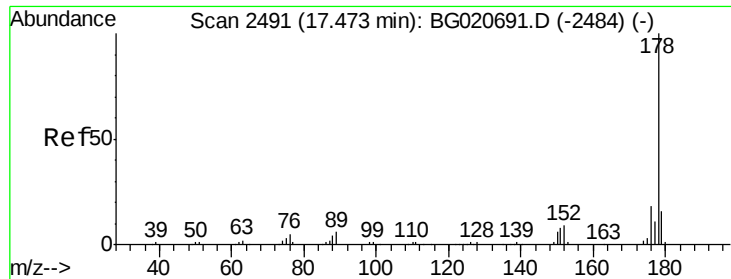
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration





#70

Phenanthrene

Concen: 1.24 ng/ul

RT: 17.47 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG020696.D

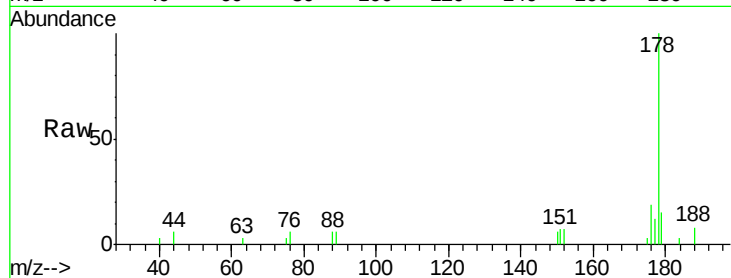
Acq: 13 Jan 2016 7:37

Instrument :

BNA_G

ClientSampleId :

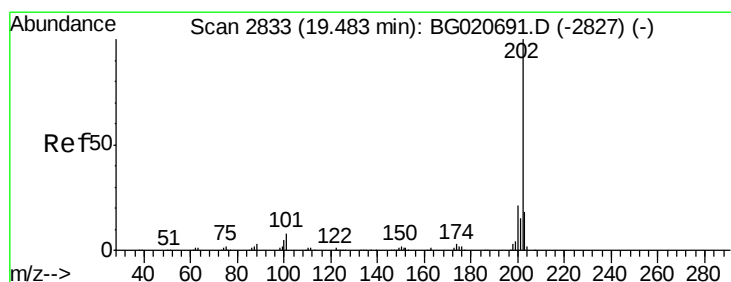
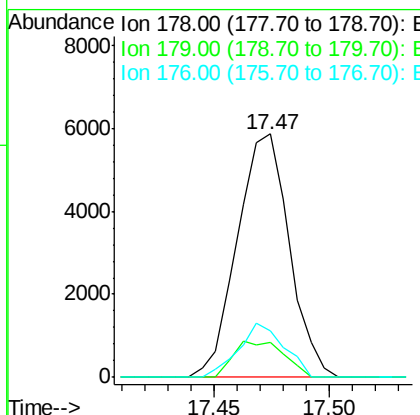
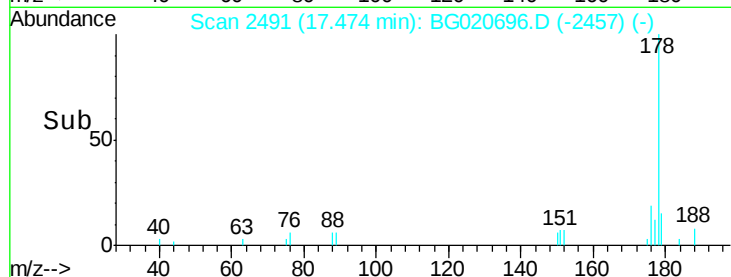
BC960



Tgt Ion:	178	Resp:	9185
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.3	18.5
176	18.9	15.4	23.0

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#77

Fluoranthene

Concen: 2.54 ng/ul

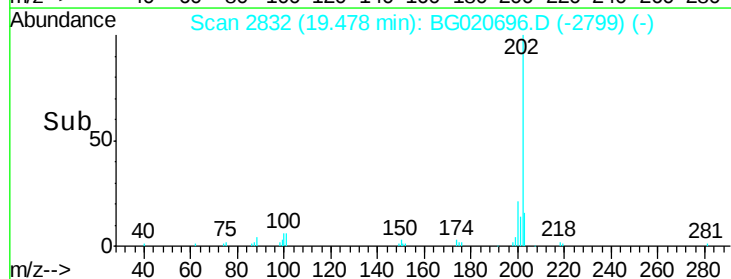
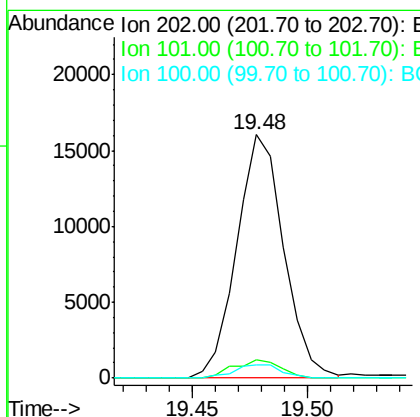
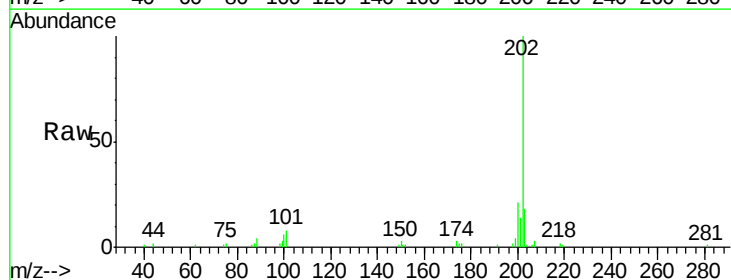
RT: 19.48 min Scan# 2832

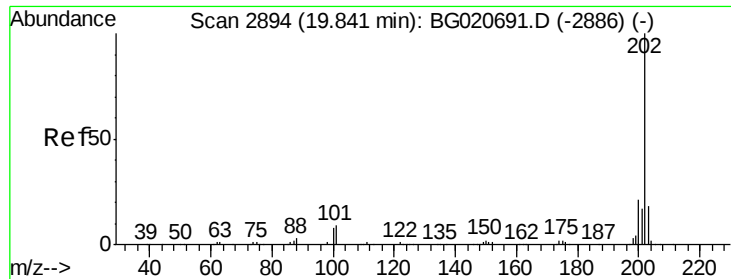
Delta R.T. -0.01 min

Lab File: BG020696.D

Acq: 13 Jan 2016 7:37

Tgt Ion:	202	Resp:	22776
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.1	9.1
100	5.6	4.6	7.0





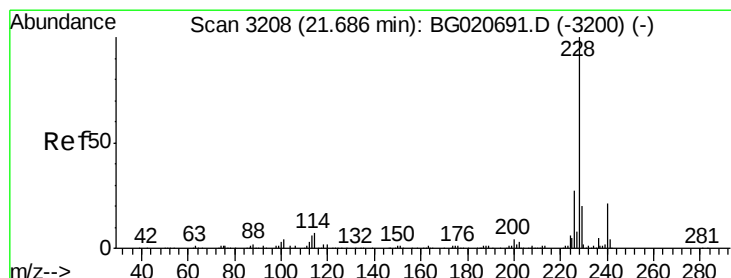
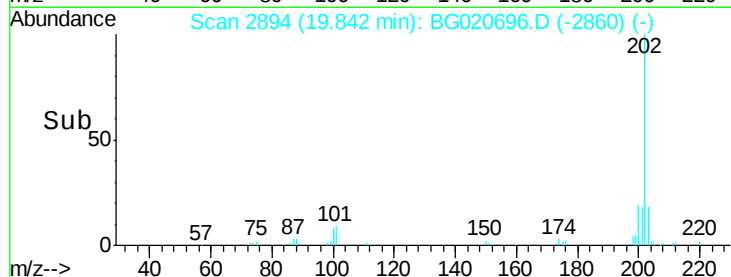
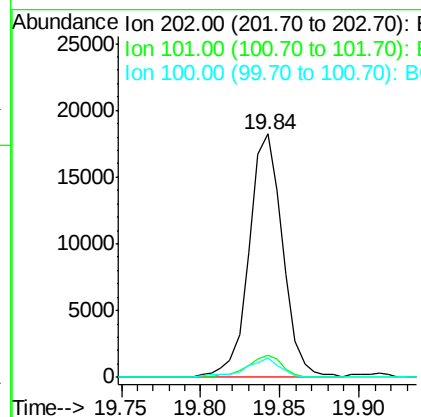
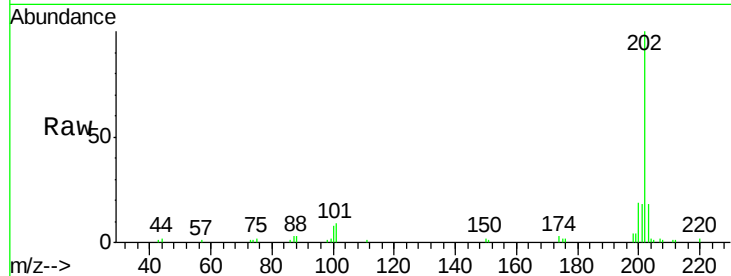
#80
 Pyrene
 Concen: 2.90 ng/ul
 RT: 19.84 min Scan# 2894
 Delta R.T. 0.00 min
 Lab File: BG020696.D
 Acq: 13 Jan 2016 7:37

Instrument :
 BNA_G
 ClientSampleId :
 BC960

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	6.9	10.3
100	8.2	5.6	8.4

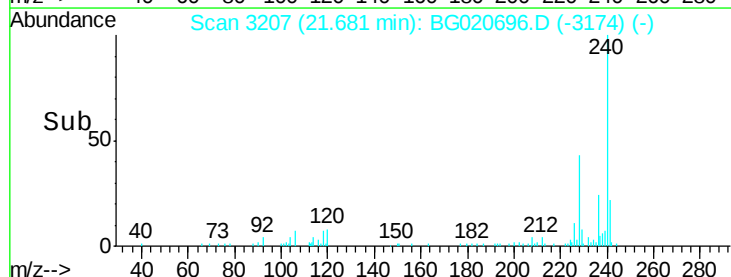
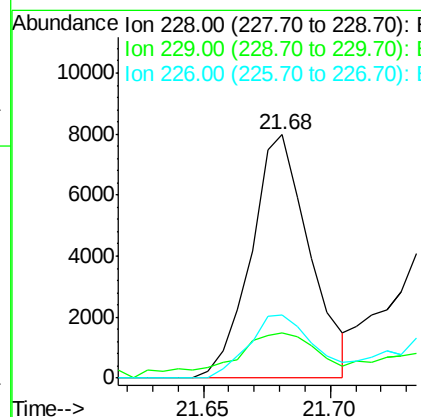
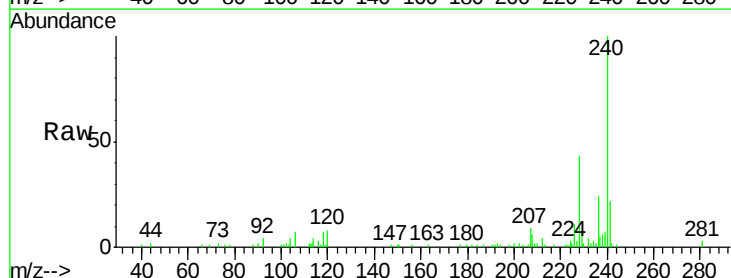
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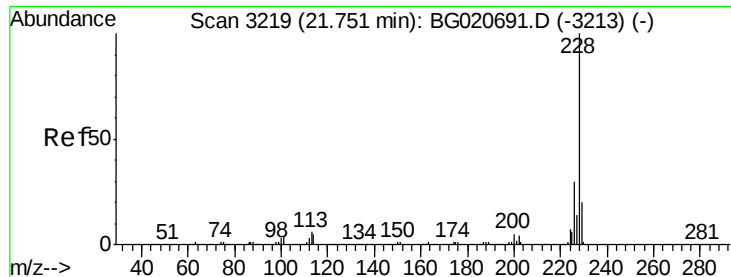
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#83
 Benzo(a)anthracene
 Concen: 1.41 ng/ul
 RT: 21.68 min Scan# 3207
 Delta R.T. -0.01 min
 Lab File: BG020696.D
 Acq: 13 Jan 2016 7:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	18.8	16.0	24.0
226	26.0	21.8	32.8





#85

Chrysene

Concen: 1.74 ng/ul

RT: 21.75 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BG020696.D

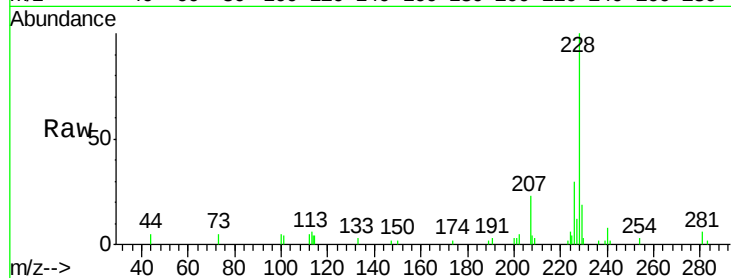
Acq: 13 Jan 2016 7:37

Instrument :

BNA_G

ClientSampled :

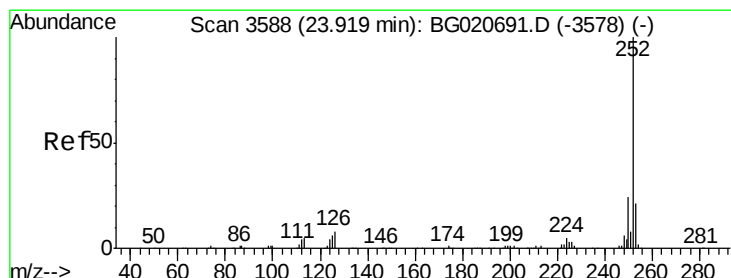
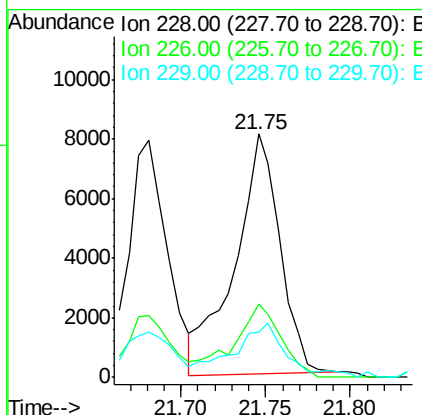
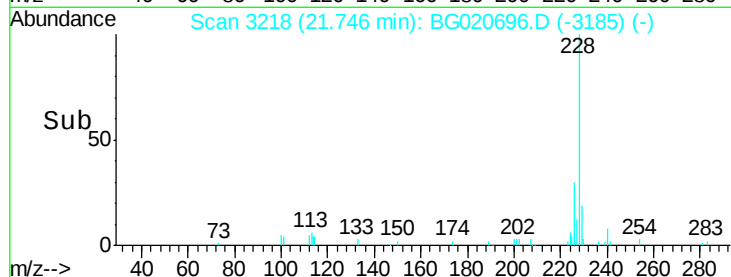
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	18.5	16.0	24.0

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#88

Benzo(b)fluoranthene

Concen: 1.79 ng/ul

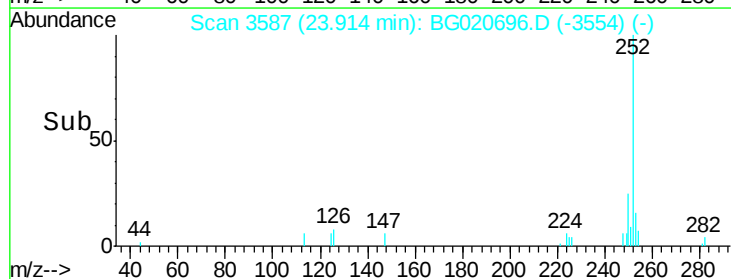
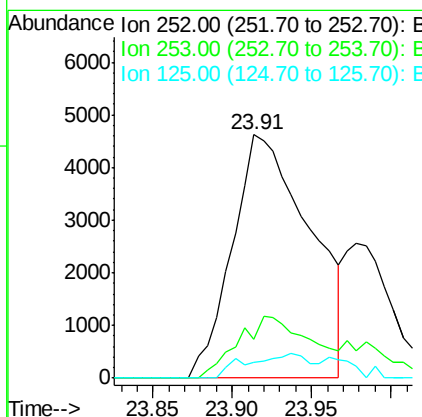
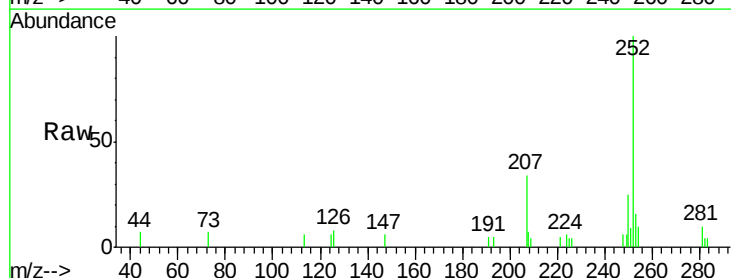
RT: 23.91 min Scan# 3587

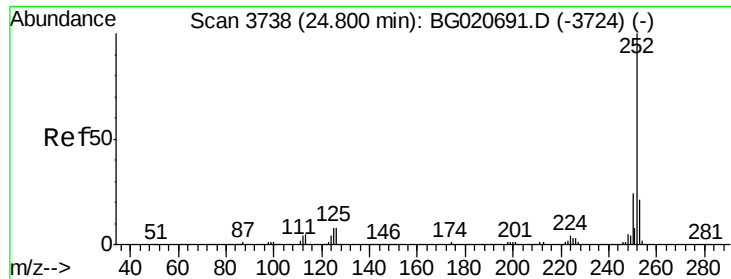
Delta R.T. -0.01 min

Lab File: BG020696.D

Acq: 13 Jan 2016 7:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	16.1	17.4	26.0#
125	6.5	4.9	7.3





#91
 Benzo(a)pyrene
 Concen: 1.50 ng/ul
 RT: 24.80 min Scan# 3738
 Delta R.T. 0.00 min
 Lab File: BG020696.D
 Acq: 13 Jan 2016 7:37

Instrument :
 BNA_G
 ClientSampleId :
 BC960

Tgt Ion:	252	Resp:	12639
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	7.5	5.8	8.6

Manual Integrations
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