

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
 Data File : BG020681.D
 Acq On : 12 Jan 2016 17:11
 Operator : SJ/IZ
 Sample : H1094-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC953

Manual Integrations
 APPROVED

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 1/13/2016 3:30:53 PM

Quant Time: Jan 13 03:12:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 02:39:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	15813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	69059	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	50370	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	136660	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	169148	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	161201	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	1096	3.39	ng/uL	0.00
5) Phenol-d5	7.21	99	23578	17.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	16560	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	20594	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	20072	17.56	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	10816	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12674	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	22561	18.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	26380	22.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	98286	22.36	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	104244	21.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	9365m	15.87	ng/ul	0.00
58) Fluorene-d10	15.67	176	87550	22.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	12637	17.00	ng/ul	0.00
71) Anthracene-d10	17.53	188	150599	22.48	ng/ul	0.00
79) Pyrene-d10	19.81	212	186690	23.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	195424	22.74	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.13	163	38753	8.21	ng/ul	99
70) Phenanthrene	17.47	178	8550	1.05	ng/ul	95
77) Fluoranthene	19.48	202	20245	2.05	ng/ul	100
80) Pyrene	19.84	202	24970	2.33	ng/ul	97
83) Benzo(a)anthracene	21.68	228	12668	1.20	ng/ul	98
85) Chrysene	21.75	228	12762	1.28	ng/ul	97
88) Benzo(b)fluoranthene	23.93	252	13377	1.29	ng/ul#	99
91) Benzo(a)pyrene	24.80	252	10785m	1.08	ng/ul	

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

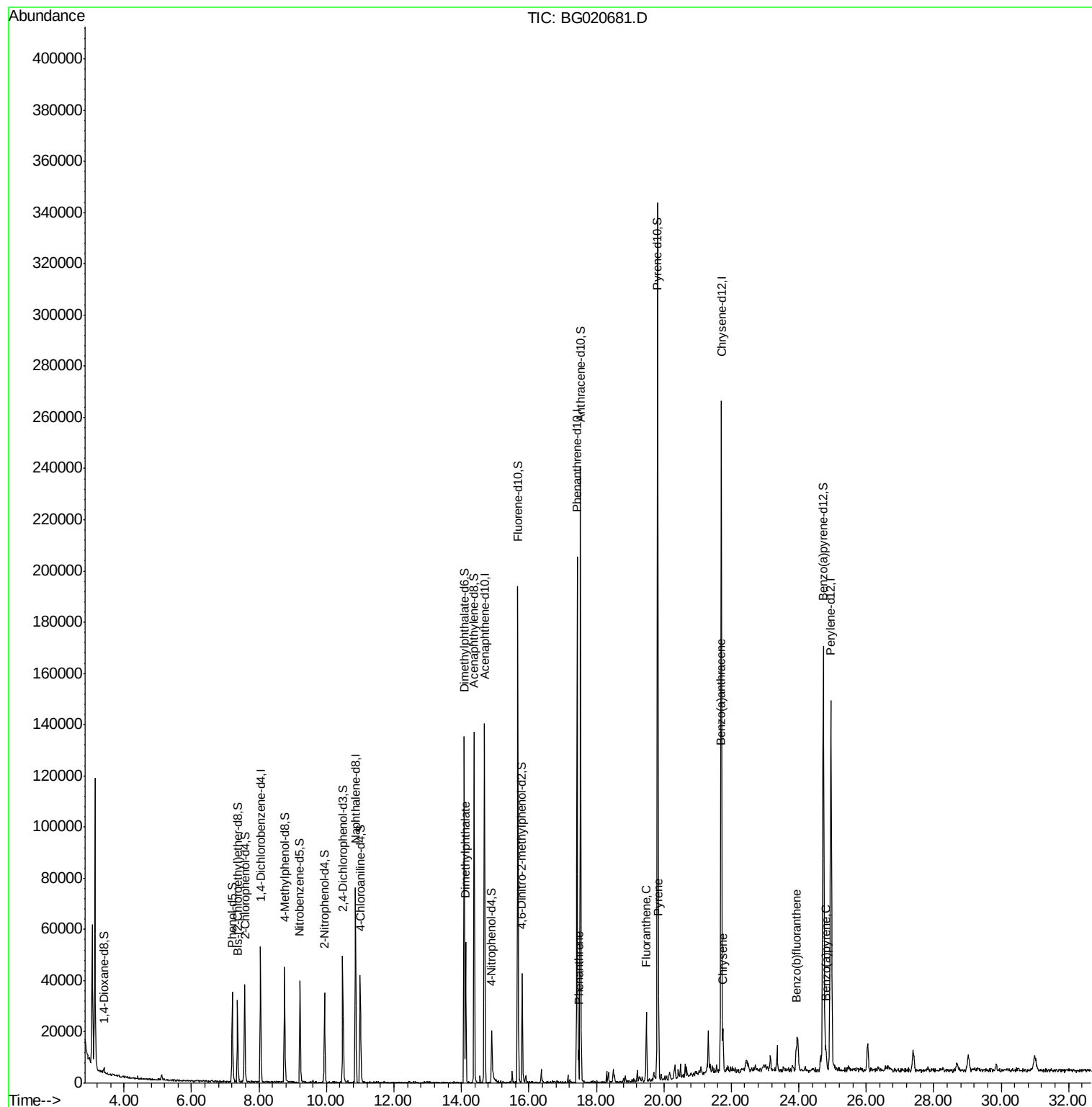
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
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Acq On : 12 Jan 2016 17:11
Operator : SJ/IZ
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Misc :
ALS Vial : 10 Sample Multiplier: 1

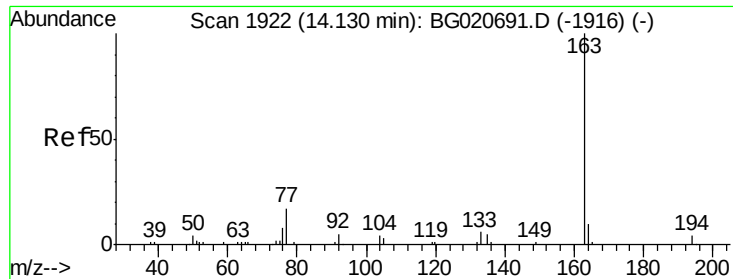
Instrument :
BNA_G
ClientSampleId :
BC953

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Quant Time: Jan 13 03:12:45 2016
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Quant Title : SVOA CALIBRATION
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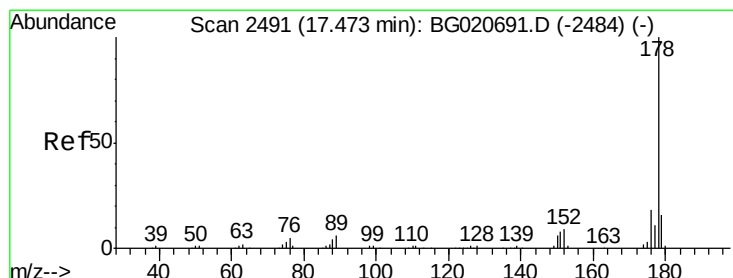
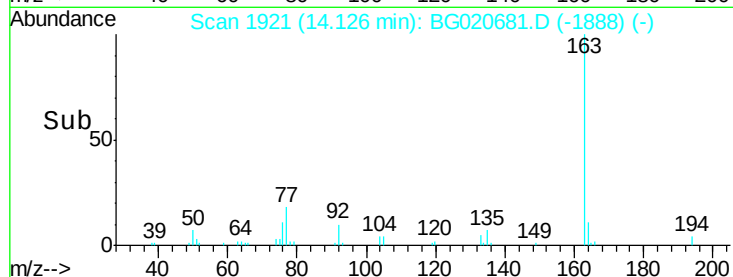
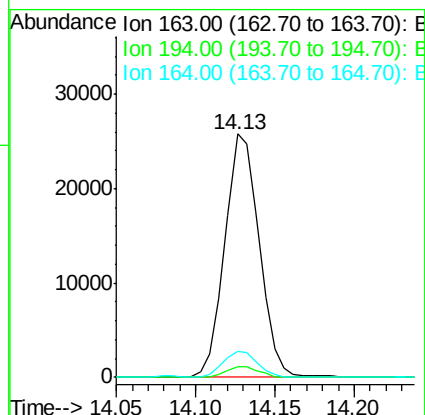
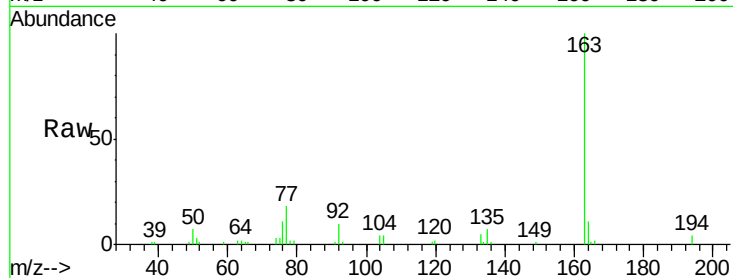
#45
Dimethylphthalate
Concen: 8.21 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG020681.D
Acq: 12 Jan 2016 17:11

Instrument :
BNA_G
ClientSampleId :
BC953

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	38753		
194	4.4		4.0	6.0
164	10.6		8.4	12.6

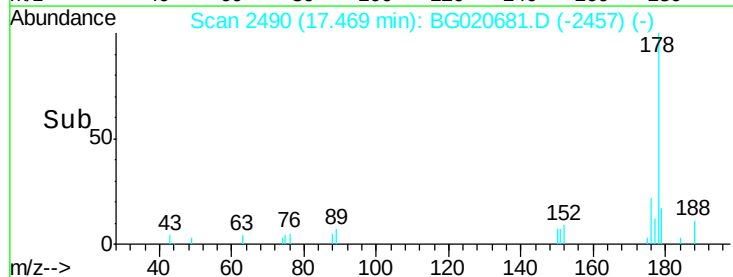
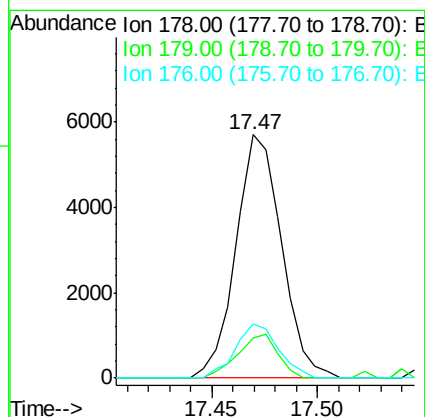
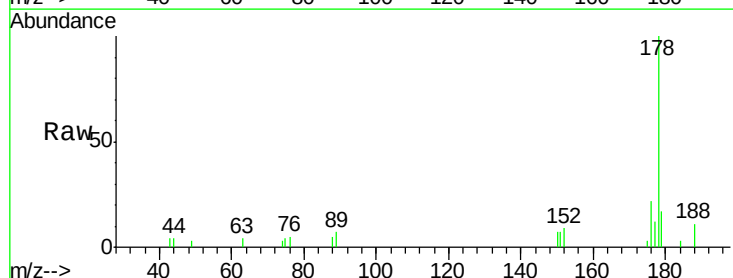
Manual Integrations
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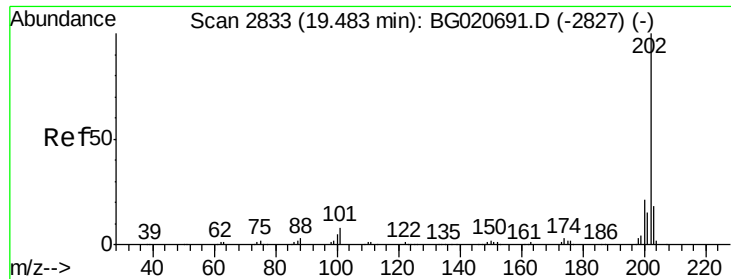
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#70
Phenanthrene
Concen: 1.05 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BG020681.D
Acq: 12 Jan 2016 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	8550		
179	16.6		12.3	18.5
176	22.3		15.4	23.0





#77

Fluoranthene

Concen: 2.05 ng/ul

RT: 19.48 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG020681.D

Acq: 12 Jan 2016 17:11

Instrument :

BNA_G

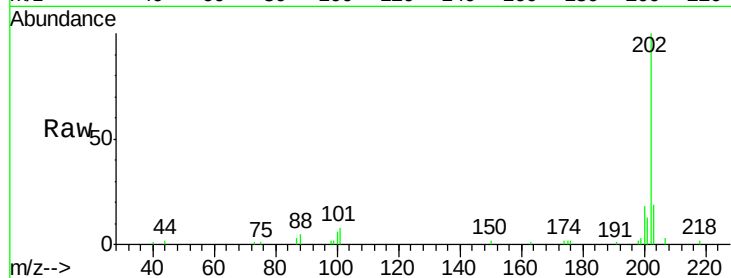
ClientSampleId :

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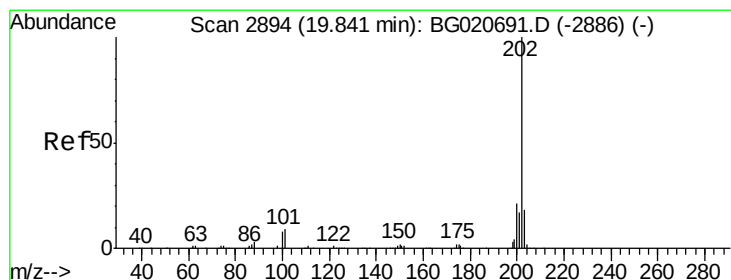
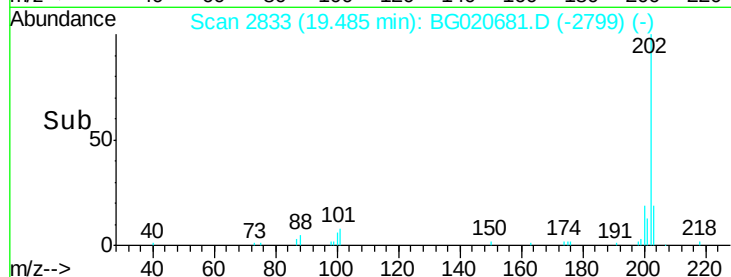
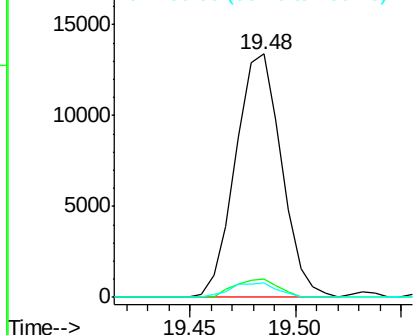
Tgt Ion:	202	Resp:	20245
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.1	9.1
100	5.9	4.6	7.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 2.33 ng/ul

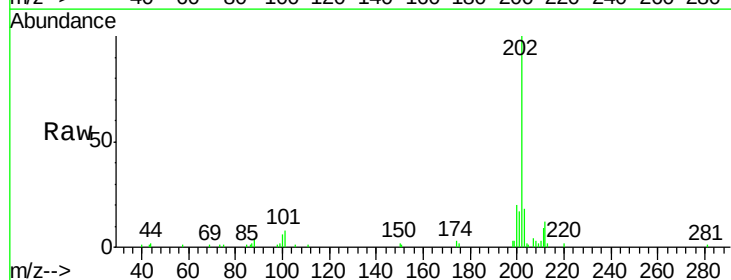
RT: 19.84 min Scan# 2894

Delta R.T. -0.01 min

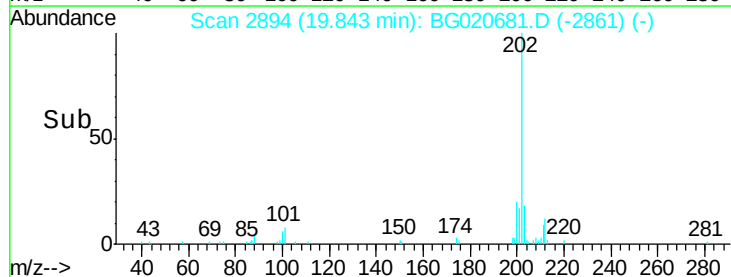
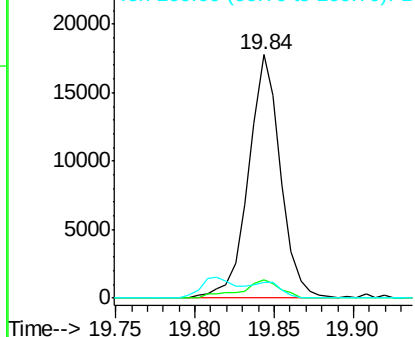
Lab File: BG020681.D

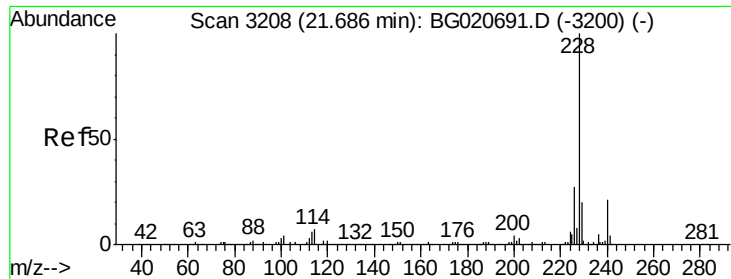
Acq: 12 Jan 2016 17:11

Tgt Ion:	202	Resp:	24970
Ion Ratio	Lower	Upper	
202	100		
101	7.5	6.9	10.3
100	6.3	5.6	8.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





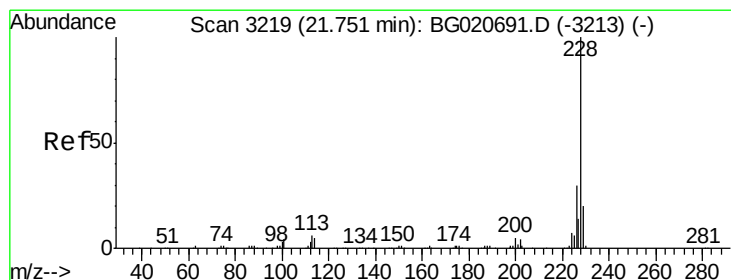
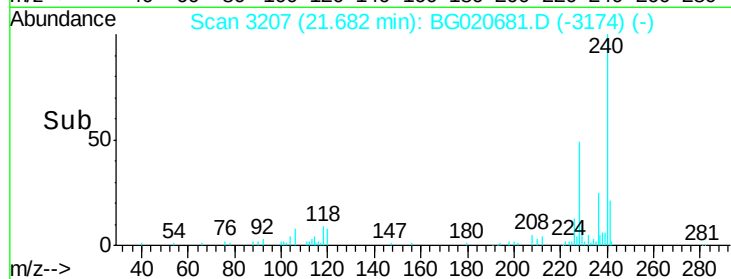
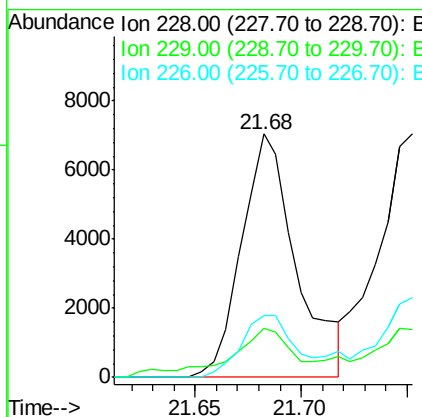
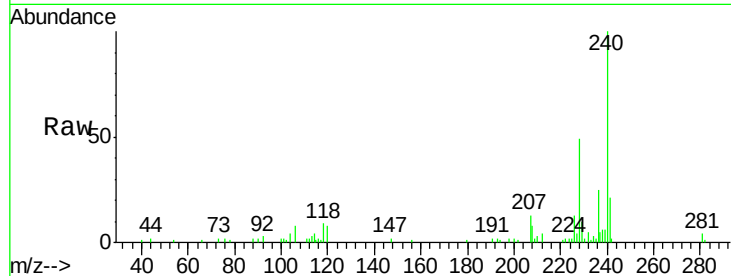
#83
Benzo(a)anthracene
Concen: 1.20 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG020681.D
Acq: 12 Jan 2016 17:11

Instrument :
BNA_G
ClientSampleId :
BC953

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.0	24.0
226	25.5	21.8	32.8

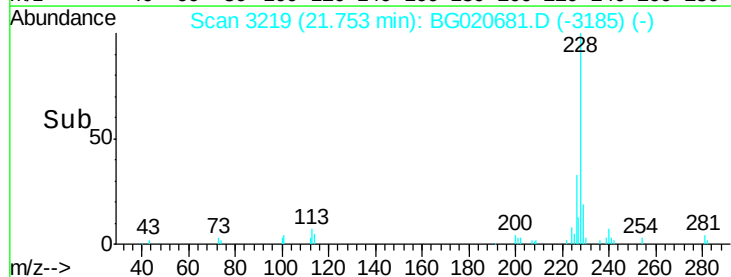
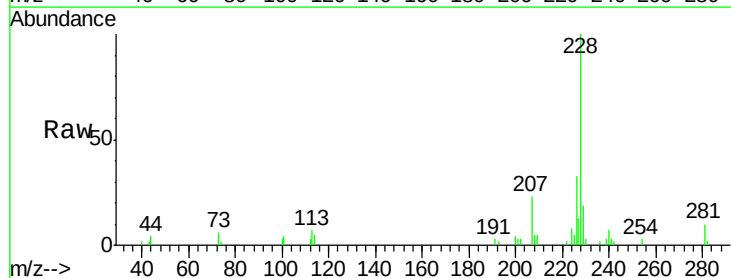
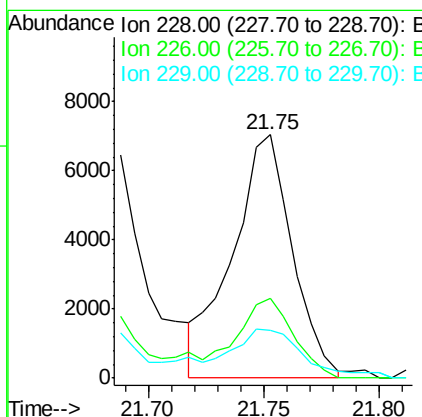
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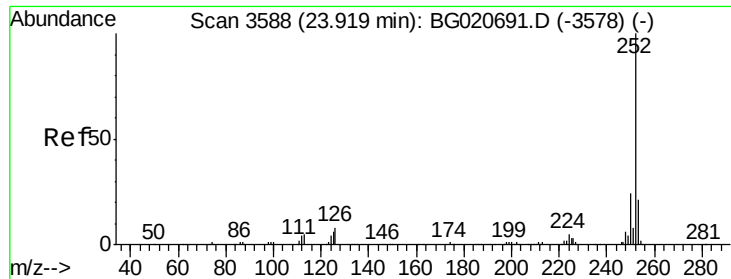
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#85
Chrysene
Concen: 1.28 ng/ul
RT: 21.75 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BG020681.D
Acq: 12 Jan 2016 17:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.1	36.1
229	19.5	16.0	24.0





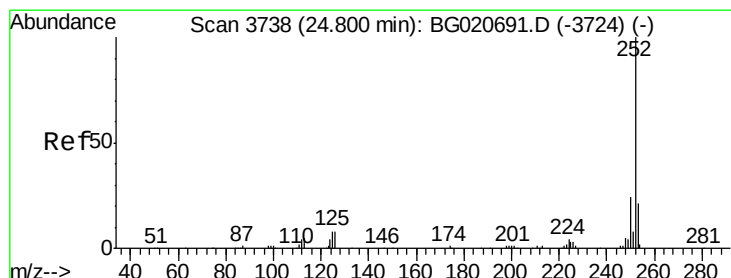
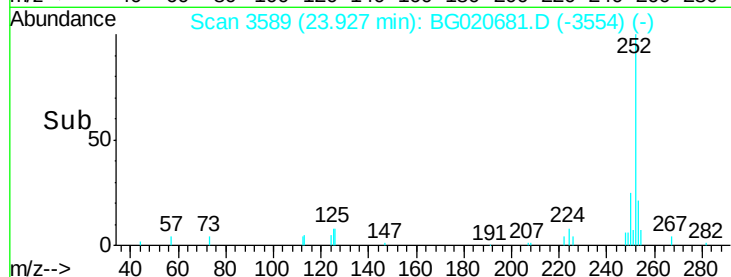
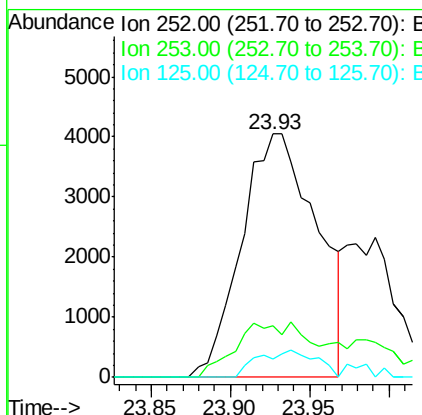
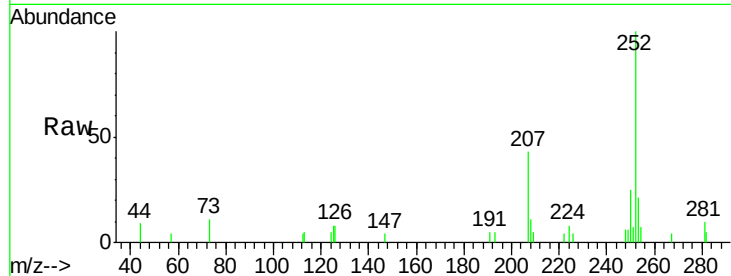
#88
Benzo(b)fluoranthene
Concen: 1.29 ng/ul
RT: 23.93 min Scan# 3589
Delta R.T. 0.01 min
Lab File: BG020681.D
Acq: 12 Jan 2016 17:11

Instrument :
BNA_G
ClientSampled :
BC953

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	7.7	4.9	7.3#

Manual Integrations
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#91
Benzo(a)pyrene
Concen: 1.08 ng/ul m
RT: 24.80 min Scan# 3738
Delta R.T. -0.01 min
Lab File: BG020681.D
Acq: 12 Jan 2016 17:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	16.7	17.2	25.8#
125	10.2	5.8	8.6#

