

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
 Data File : BG020722.D
 Acq On : 14 Jan 2016 5:28
 Operator : SJ/IZ
 Sample : H1096-06 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC936

Manual Integrations
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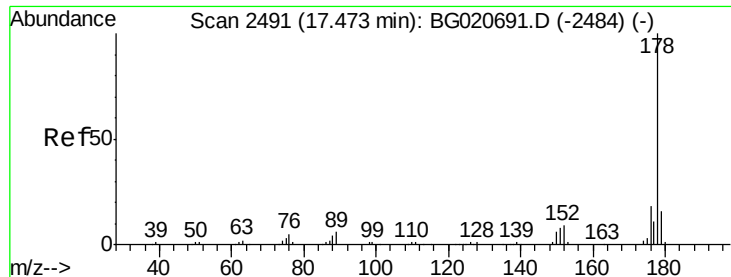
Quant Time: Jan 14 11:21:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	17424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	76415	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	54022	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	134318	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	154670	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	150081	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.21	99	3064	2.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	1885	2.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	2687	2.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	2682	2.13	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	1241	2.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	1515	2.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	2699	2.02	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.08	166	11495	2.44	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	13842	2.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	352	0.56	ng/ul	0.03
58) Fluorene-d10	15.67	176	11412	2.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	643	0.88	ng/ul	0.00
71) Anthracene-d10	17.52	188	17982	2.73	ng/ul	0.00
79) Pyrene-d10	19.82	212	20275	2.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	21583	2.70	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
70) Phenanthrene	17.47	178	104454	13.07	ng/ul	99
72) Anthracene	17.56	178	13194	1.64	ng/ul	96
77) Fluoranthene	19.48	202	190020	19.56	ng/ul	99
80) Pyrene	19.84	202	241511	24.62	ng/ul	99
83) Benzo(a)anthracene	21.68	228	105383	10.92	ng/ul	95
85) Chrysene	21.75	228	128956	14.13	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	134166	13.88	ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	39830m	4.17	ng/ul	
91) Benzo(a)pyrene	24.80	252	108922	11.71	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.68	276	74319	6.77	ng/ul	96
93) Dibenzo(a,h)anthracene	28.70	278	20290	2.24	ng/ul#	87
94) Benzo(g,h,i)perylene	29.84	276	76781	8.48	ng/ul	96

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



#70

Phenanthrene

Concen: 13.07 ng/ul

RT: 17.47 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG020722.D

Acq: 14 Jan 2016 5:28

Instrument :

BNA_G

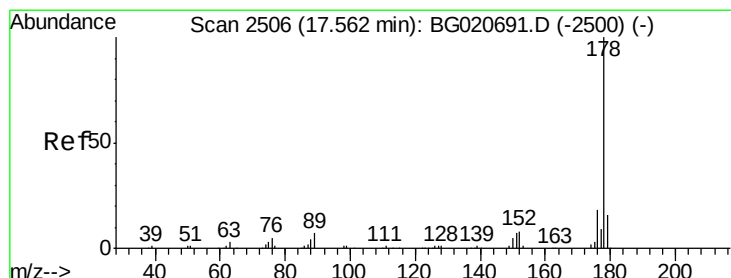
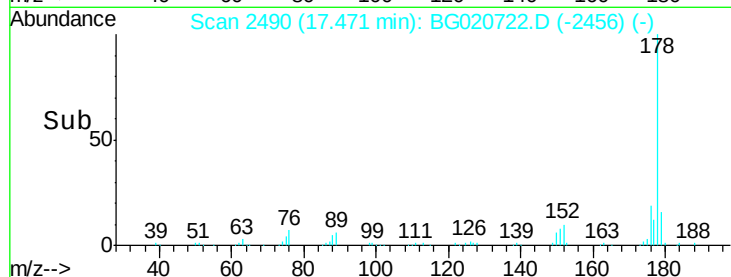
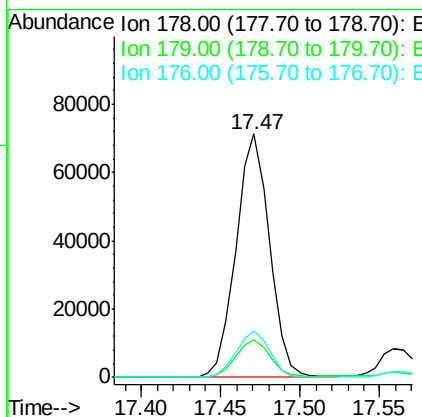
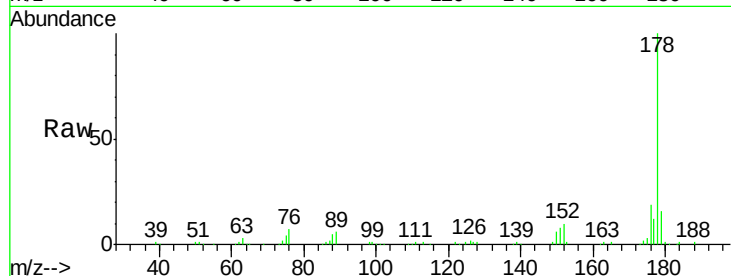
ClientSampleId :

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Tgt Ion:	178	Resp:	104454
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	18.9	15.4	23.0

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#72

Anthracene

Concen: 1.64 ng/ul

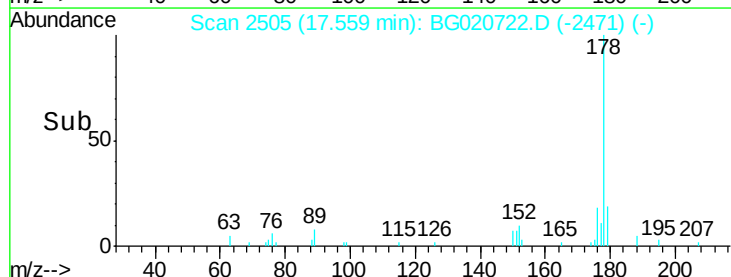
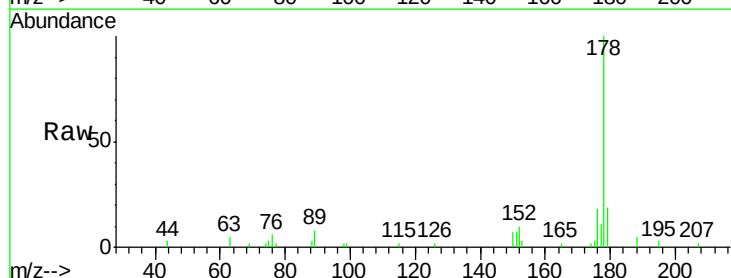
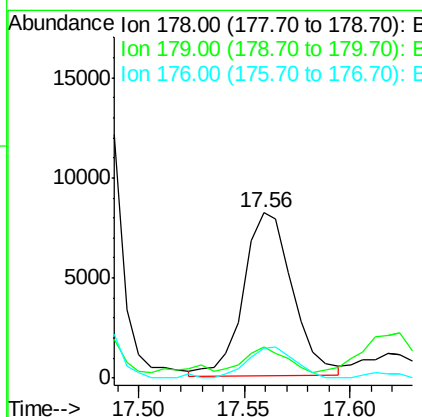
RT: 17.56 min Scan# 2505

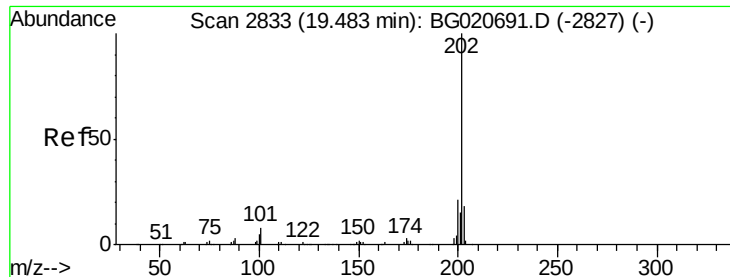
Delta R.T. -0.00 min

Lab File: BG020722.D

Acq: 14 Jan 2016 5:28

Tgt Ion:	178	Resp:	13194
Ion Ratio	Lower	Upper	
178	100		
179	19.1	13.4	20.2
176	17.8	15.4	23.0





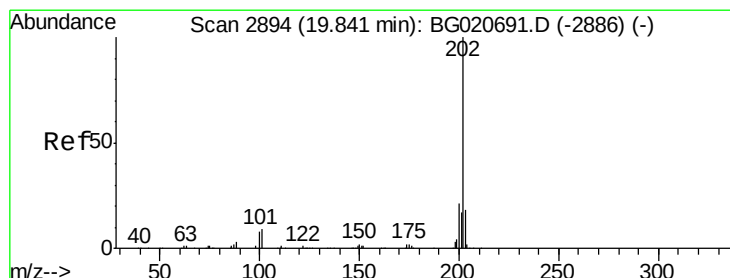
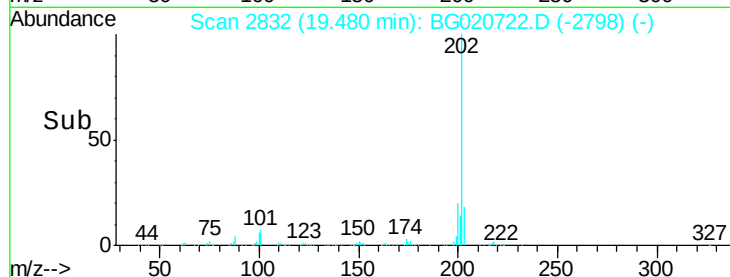
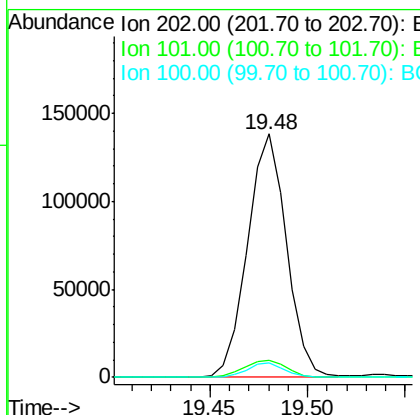
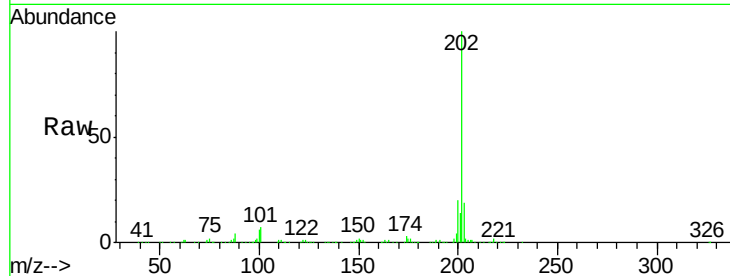
#77
 Fluoranthene
 Concen: 19.56 ng/ul
 RT: 19.48 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BG020722.D
 Acq: 14 Jan 2016 5:28

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.1	6.1	9.1
100	5.9	4.6	7.0

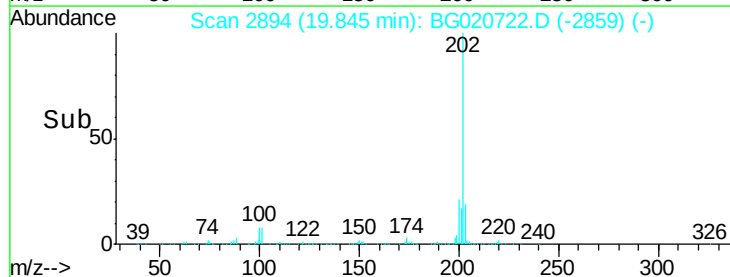
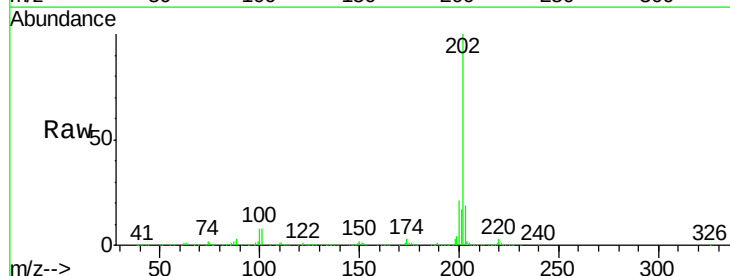
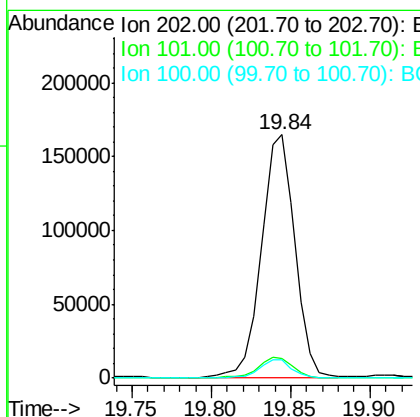
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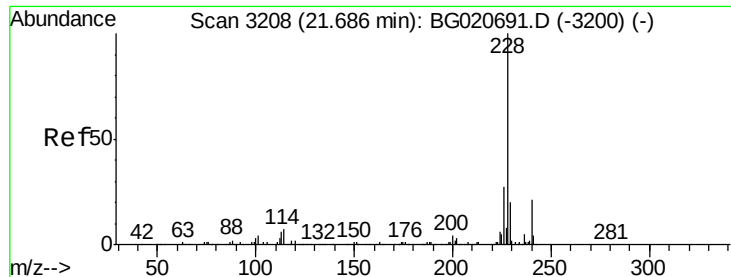
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#80
 Pyrene
 Concen: 24.62 ng/ul
 RT: 19.84 min Scan# 2894
 Delta R.T. 0.00 min
 Lab File: BG020722.D
 Acq: 14 Jan 2016 5:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.2	6.9	10.3
100	7.5	5.6	8.4





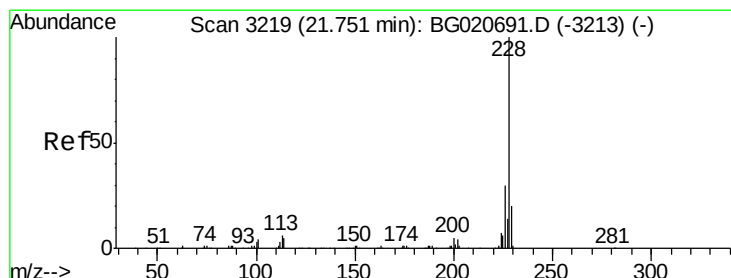
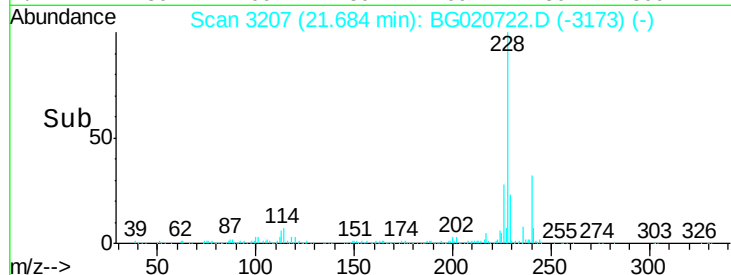
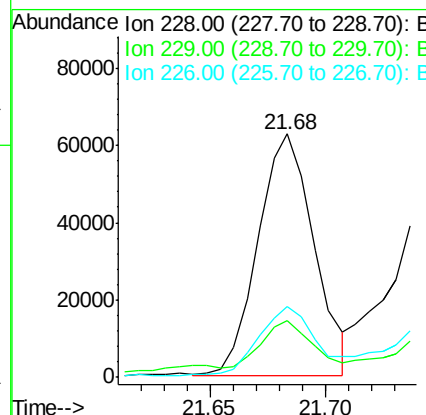
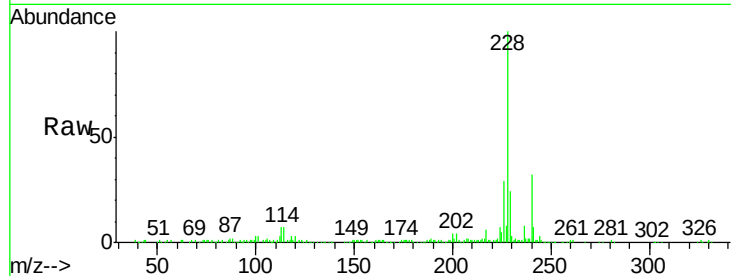
#83
Benzo(a)anthracene
Concen: 10.92 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG020722.D
Acq: 14 Jan 2016 5:28

Instrument :
BNA_G
ClientSampleId :
BC936

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.0	24.0
226	29.0	21.8	32.8

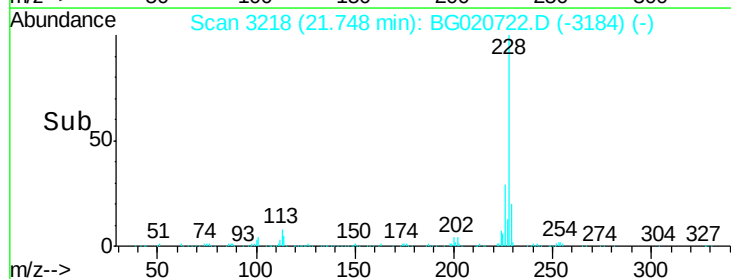
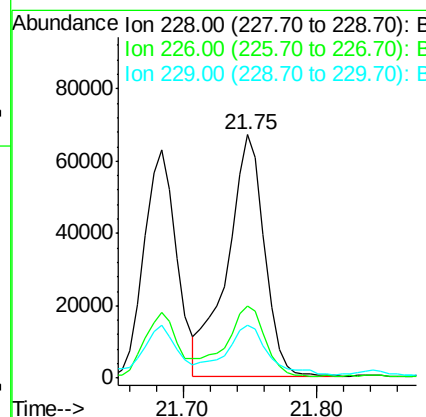
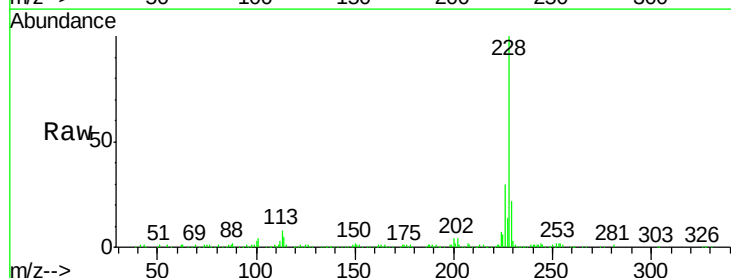
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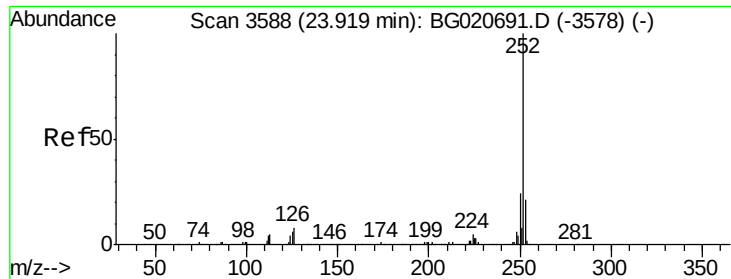
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#85
Chrysene
Concen: 14.13 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG020722.D
Acq: 14 Jan 2016 5:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.5	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 13.88 ng/ul

RT: 23.92 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BG020722.D

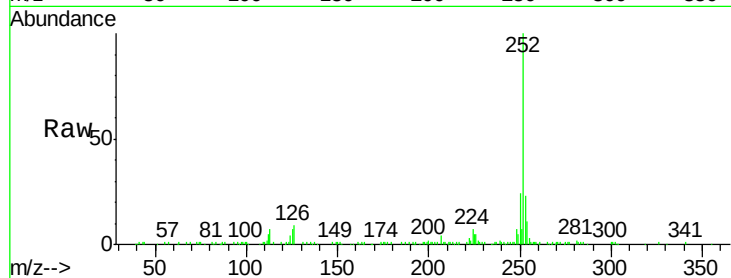
Acq: 14 Jan 2016 5:28

Instrument :

BNA_G

ClientSampled :

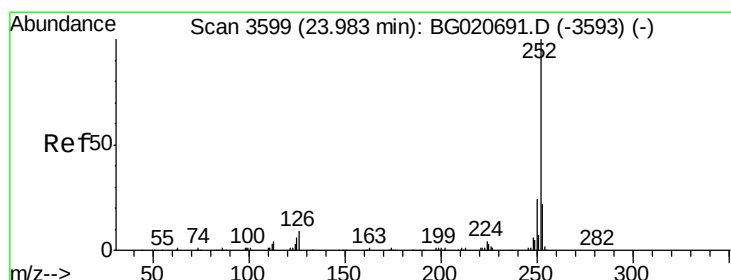
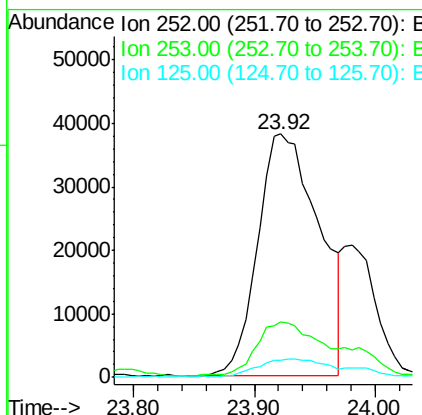
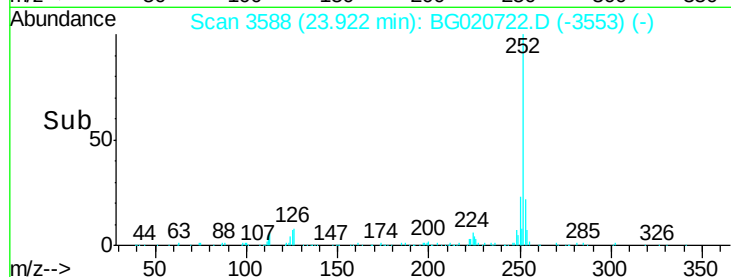
BC936



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	134166		
253	22.8	17.4	26.0	
125	7.2	4.9	7.3	

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#89

Benzo(k)fluoranthene

Concen: 4.17 ng/ul m

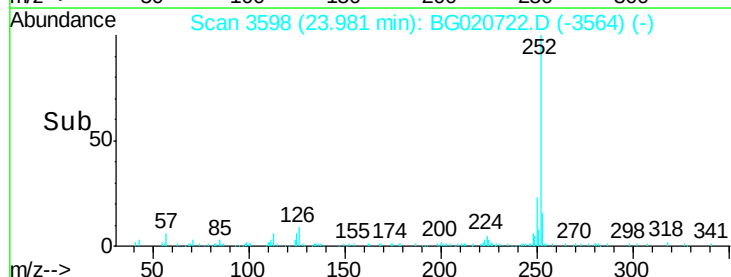
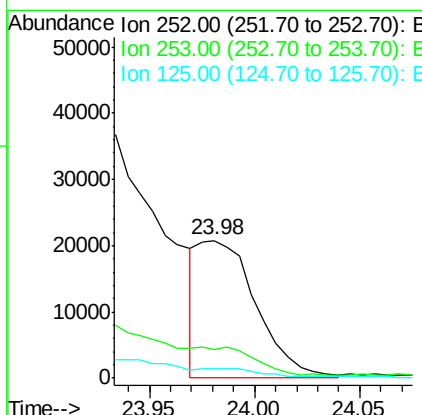
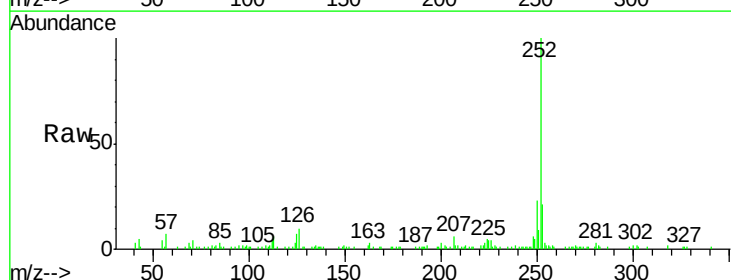
RT: 23.98 min Scan# 3598

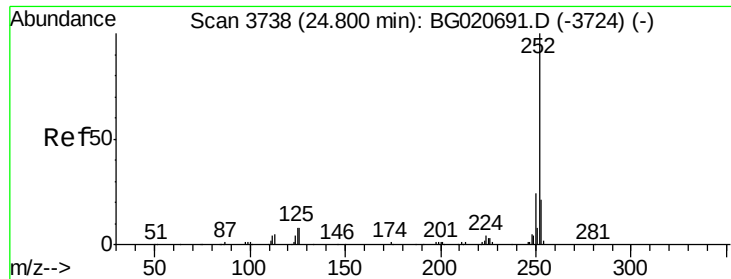
Delta R.T. -0.00 min

Lab File: BG020722.D

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	39830		
253	20.7	17.1	25.7	
125	6.8	5.4	8.0	





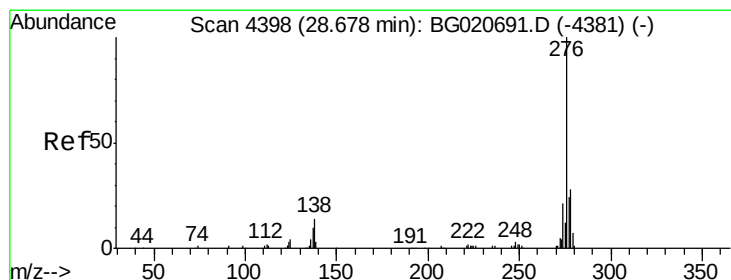
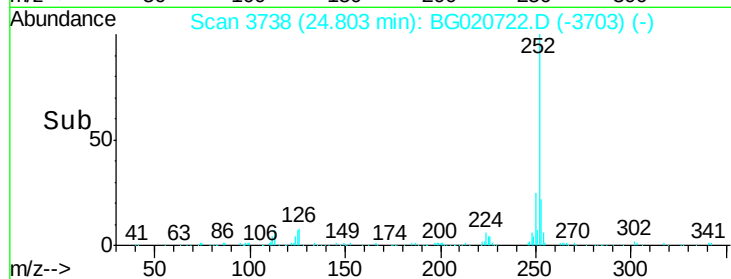
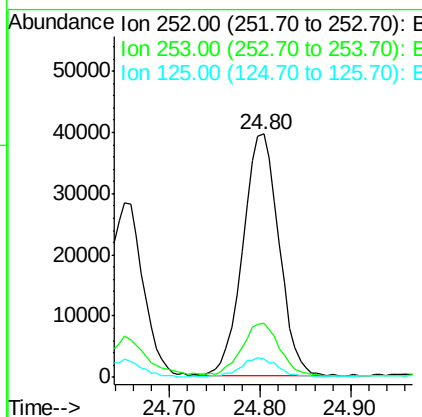
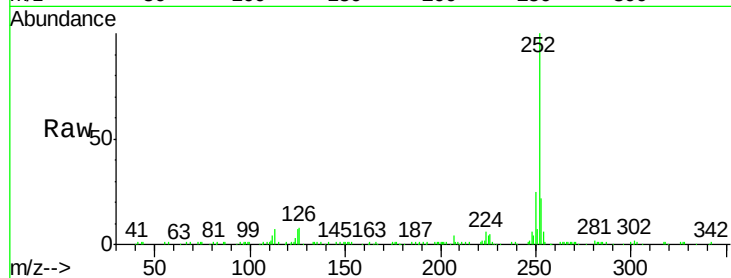
#91
Benzo(a)pyrene
Concen: 11.71 ng/ul
RT: 24.80 min Scan# 3738
Delta R.T. 0.00 min
Lab File: BG020722.D
Acq: 14 Jan 2016 5:28

Instrument :
BNA_G
ClientSampled :
BC936

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	108922		
253	22.5	17.2	25.8	
125	7.3	5.8	8.6	

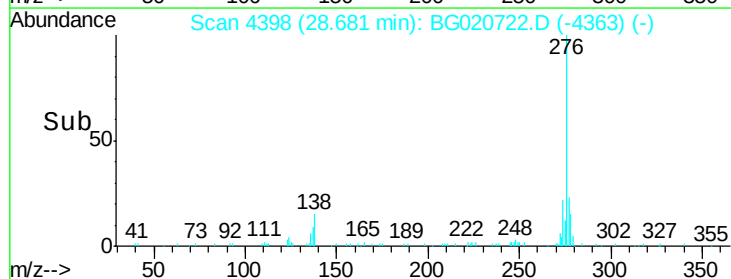
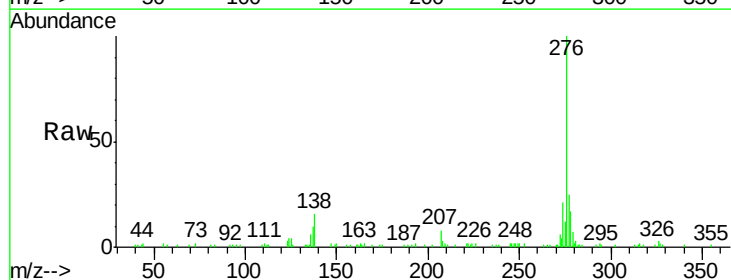
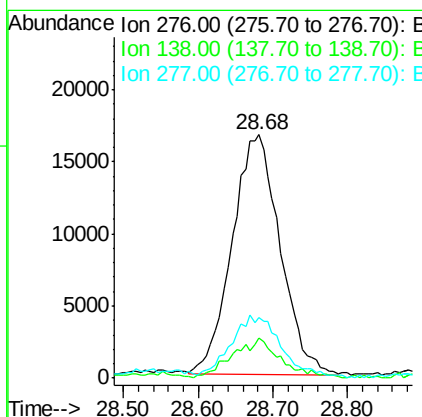
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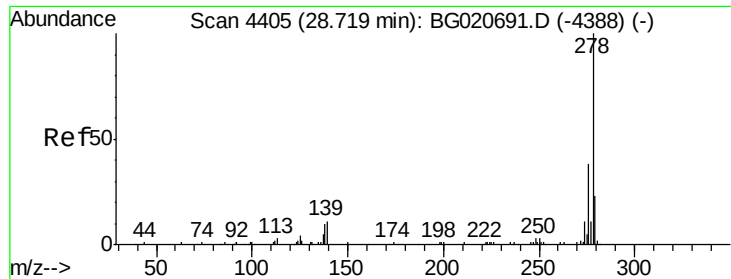
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#92
Indeno(1,2,3-cd)pyrene
Concen: 6.77 ng/ul
RT: 28.68 min Scan# 4398
Delta R.T. 0.00 min
Lab File: BG020722.D
Acq: 14 Jan 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	74319		
138	16.3	10.9	16.3	
277	24.6	18.9	28.3	





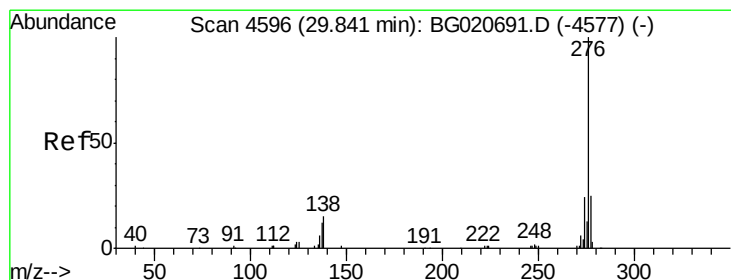
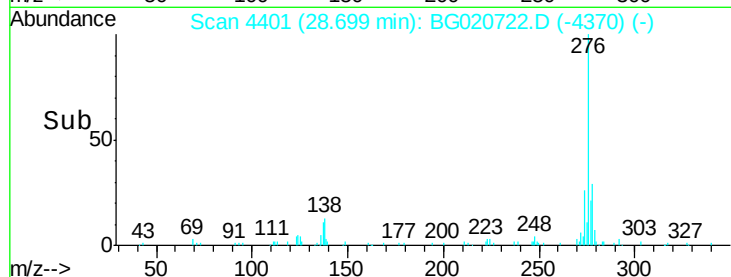
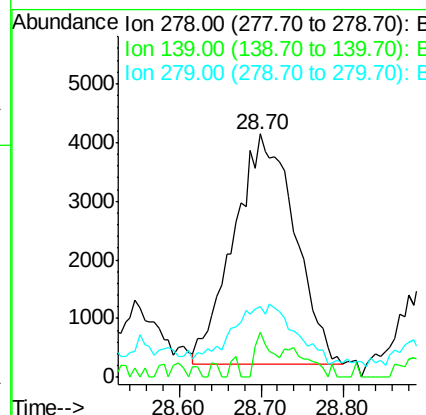
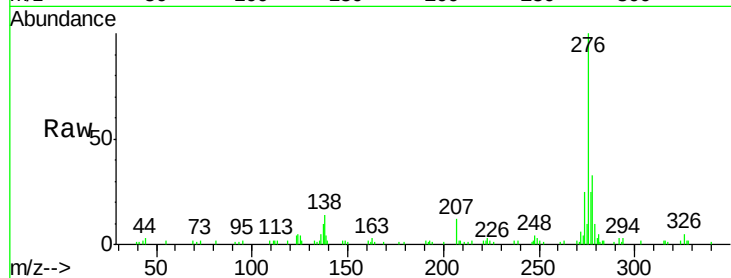
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Dibenzo(a,h)anthracene
Concen: 2.24 ng/ul
RT: 28.70 min Scan# 4401
Delta R.T. -0.02 min
Lab File: BG020722.D
Acq: 14 Jan 2016 5:28

Instrument :
BNA_G
ClientSampled :
BC936

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	9.0	13.4#
279	29.3	19.1	28.7#

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#94
Benzo(g,h,i)perylene
Concen: 8.48 ng/ul
RT: 29.84 min Scan# 4596
Delta R.T. 0.00 min
Lab File: BG020722.D
Acq: 14 Jan 2016 5:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.4	11.2	16.8
277	21.9	19.0	28.6

