

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
 Data File : BG020790.D
 Acq On : 4 Feb 2016 17:10
 Operator : SJ/IZ
 Sample : H1334-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG18

Manual Integrations
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 2/5/2016 3:39:06 PM

Quant Time: Feb 05 10:50:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 05 04:10:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22104	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	110960	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	64178	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	121672	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	99911	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	97311	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.61	96	1057	2.29	ng/uL	0.00
5) Phenol-d5	7.41	99	24695	10.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	15174	12.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	21945	12.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	18497	9.48	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	10763	15.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	9036	15.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	21322	13.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	25585	11.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	71774	13.09	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	94857	14.20	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	7979	8.23	ng/ul	0.00
58) Fluorene-d10	15.87	176	62978	13.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	4160	10.35	ng/ul	0.00
71) Anthracene-d10	17.72	188	88904	14.86	ng/ul	0.00
79) Pyrene-d10	19.99	212	82839	15.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	79512	15.24	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	14.33	163	20444	3.57	ng/ul#	98
70) Phenanthrene	17.66	178	8535	1.12	ng/ul	97
76) Di-n-butylphthalate	18.56	149	16601	2.05	ng/ul	99
77) Fluoranthene	19.66	202	19877	2.53	ng/ul#	79
80) Pyrene	20.01	202	18604	2.46	ng/ul#	76
83) Benzo(a)anthracene	21.88	228	13906	2.16	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.77	149	14778	3.22	ng/ul#	92
85) Chrysene	21.95	228	16088	2.69	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	29827	4.68	ng/ul#	87
89) Benzo(k)fluoranthene	24.27	252	9569m	1.53	ng/ul	
91) Benzo(a)pyrene	25.13	252	19626	3.22	ng/ul#	81
92) Indeno(1,2,3-cd)pyrene	29.16	276	19324	2.71	ng/ul#	76
94) Benzo(g,h,i)perylene	30.36	276	18759m	3.21	ng/ul	

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

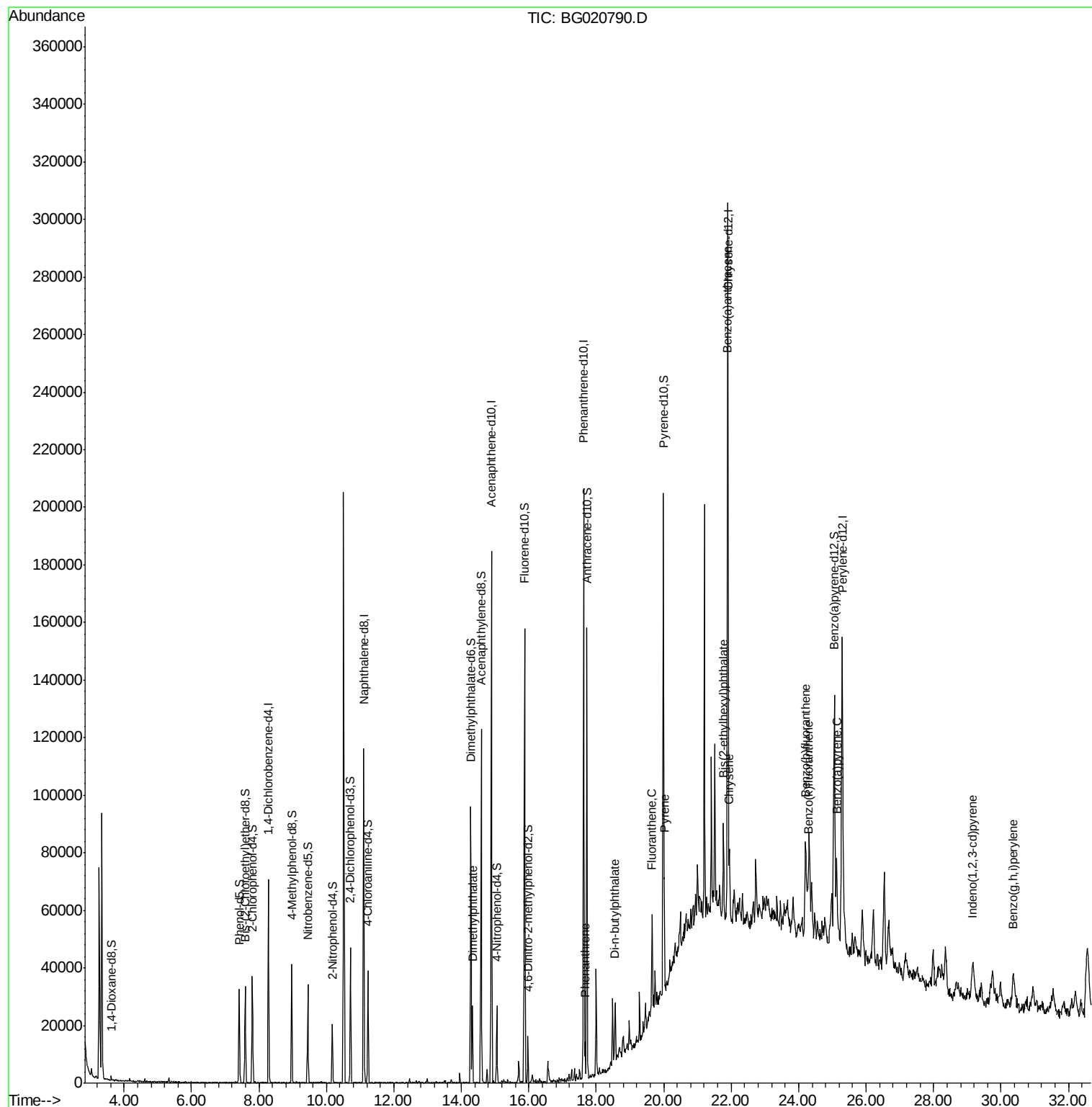
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020790.D
Acq On : 4 Feb 2016 17:10
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Misc :
ALS Vial : 10 Sample Multiplier: 1

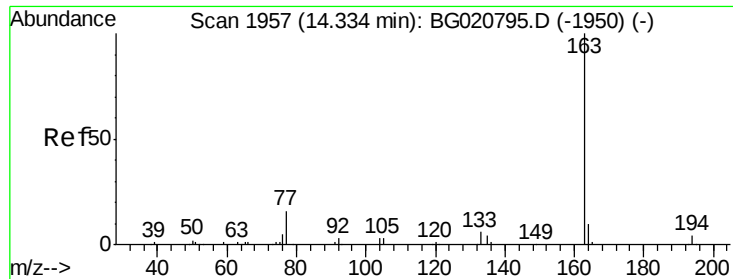
Instrument :
BNA_G
ClientSampleId :
BBG18

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Quant Time: Feb 05 10:50:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
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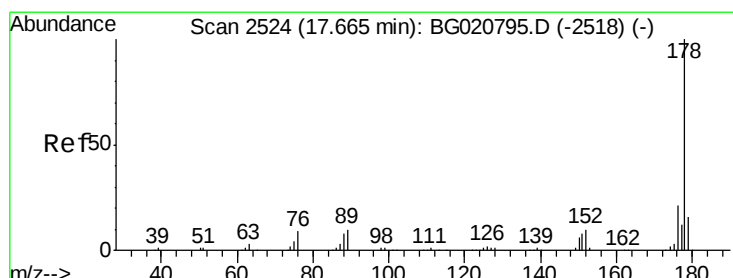
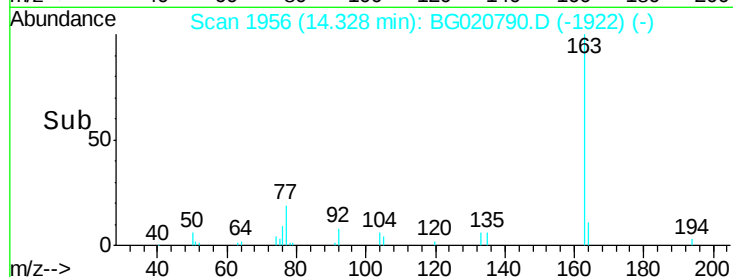
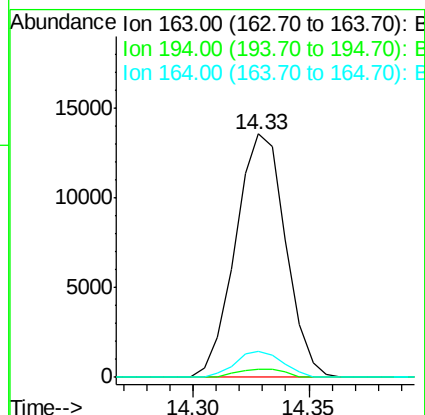
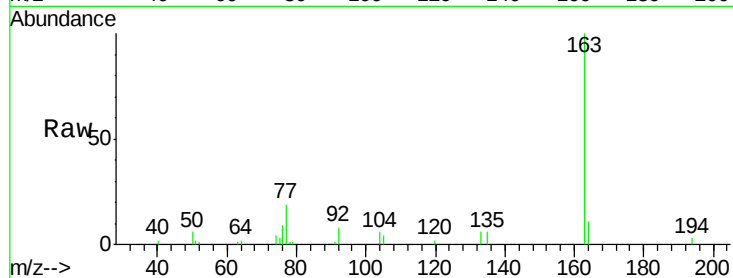
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Dimethylphthalate
Concen: 3.57 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020790.D
Acq: 4 Feb 2016 17:10

Instrument :
BNA_G
ClientSampled :
BBG18

Tot Ion:163 Resp: 20444
Ion Ratio Lower Upper
163 100
194 3.3 4.0 6.0#
164 10.9 8.4 12.6

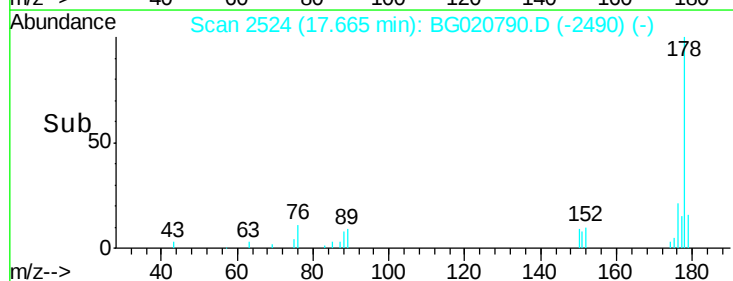
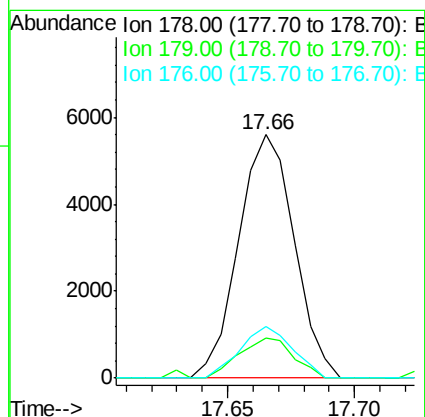
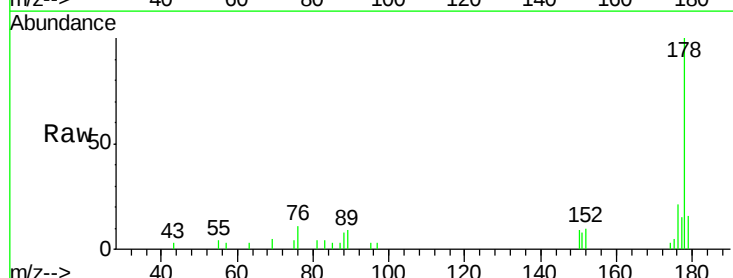
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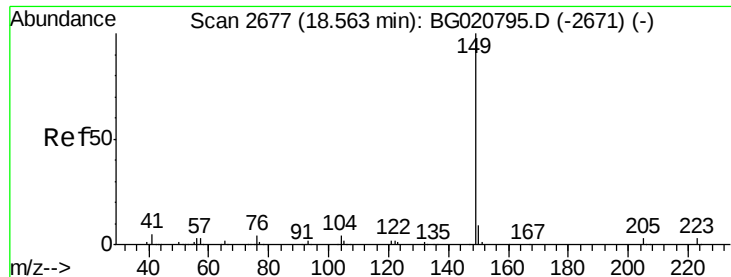
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#70
Phenanthrene
Concen: 1.12 ng/ul
RT: 17.66 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG020790.D
Acq: 4 Feb 2016 17:10

Tgt Ion:178 Resp: 8535
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 21.0 15.4 23.0





#76

Di-n-butylphthalate

Concen: 2.05 ng/ul

RT: 18.56 min Scan# 2676

Delta R.T. -0.01 min

Lab File: BG020790.D

Acq: 4 Feb 2016 17:10

Instrument :

BNA_G

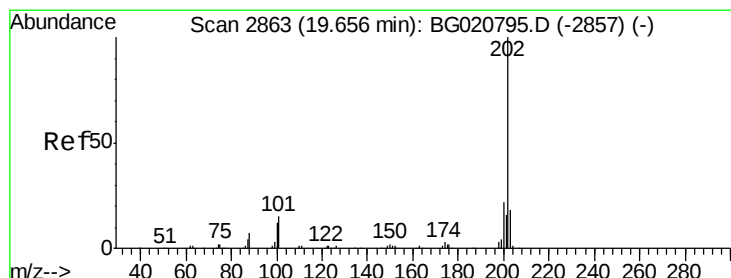
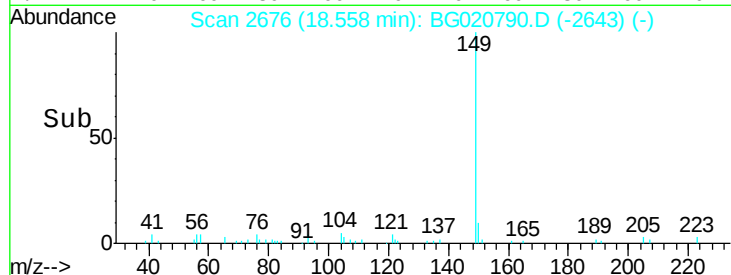
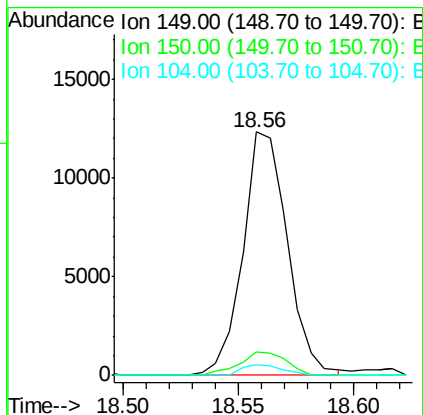
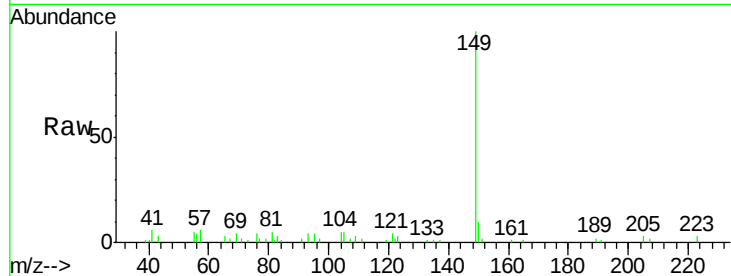
ClientSampleId :

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Tot Ion:	149	Resp:	16601
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.5	11.3
104	4.5	4.1	6.1

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#77

Fluoranthene

Concen: 2.53 ng/ul

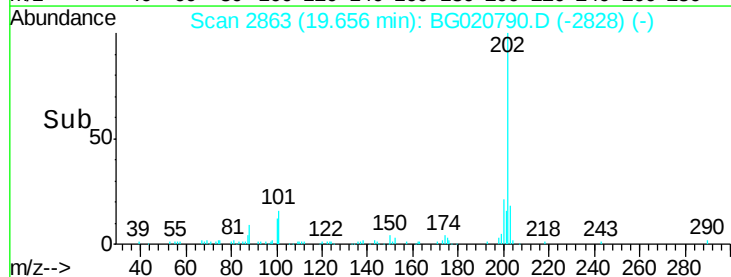
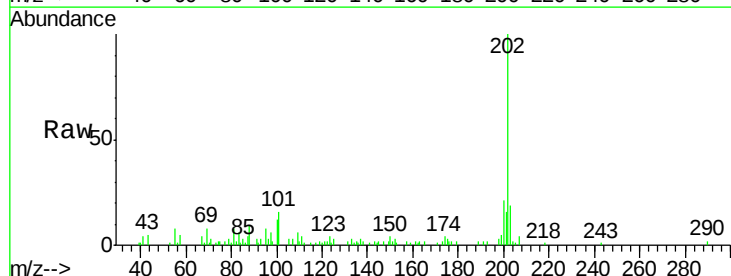
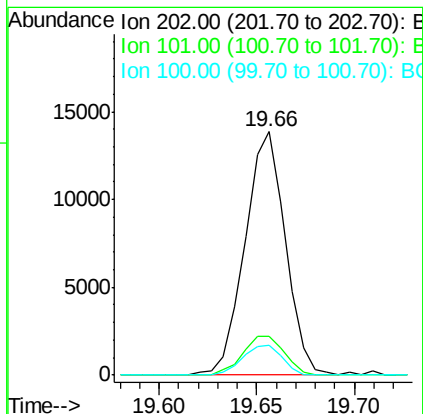
RT: 19.66 min Scan# 2863

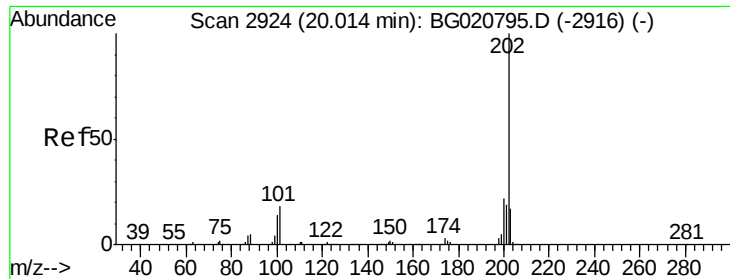
Delta R.T. 0.01 min

Lab File: BG020790.D

Acq: 4 Feb 2016 17:10

Tgt Ion:	202	Resp:	19877
Ion Ratio	Lower	Upper	
202	100		
101	15.7	6.1	9.1#
100	12.1	4.6	7.0#





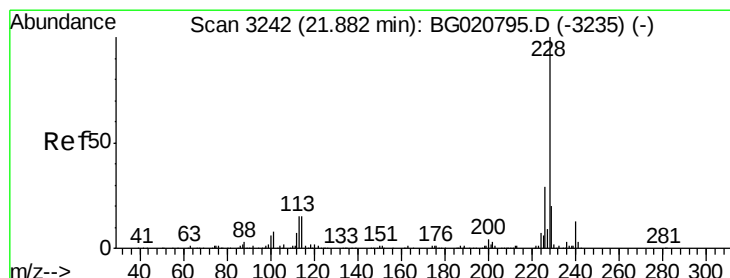
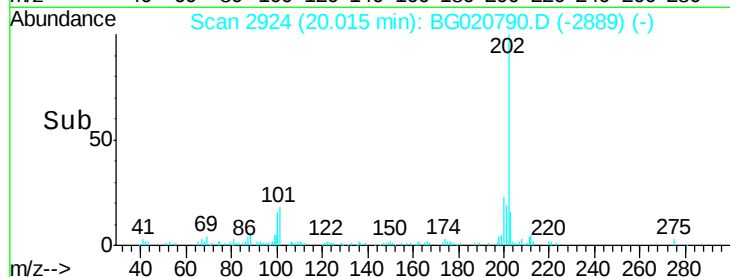
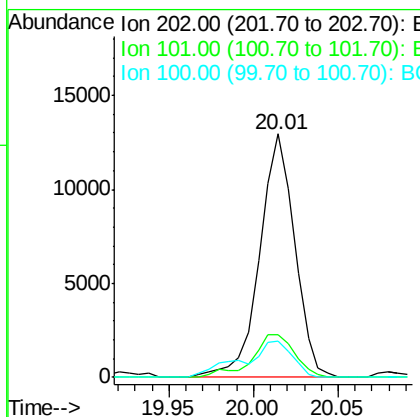
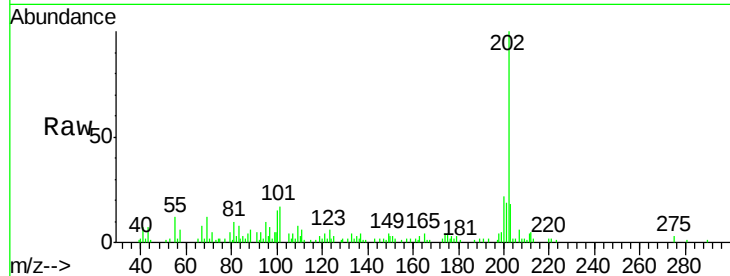
#80
Pvrene
Concen: 2.46 ng/ul
RT: 20.01 min Scan# 2924
Delta R.T. 0.01 min
Lab File: BG020790.D
Acq: 4 Feb 2016 17:10

Instrument :
BNA_G
ClientSampleId :
BBG18

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.5	6.9	10.3#
100	14.9	5.6	8.4#

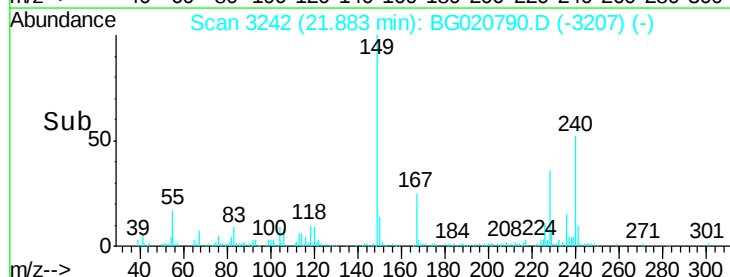
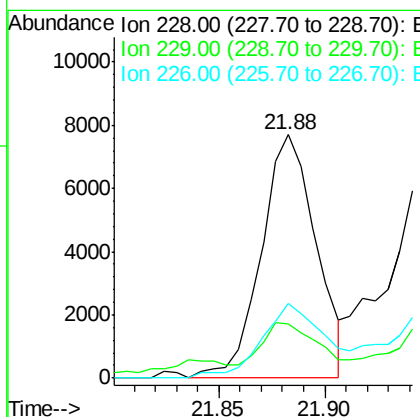
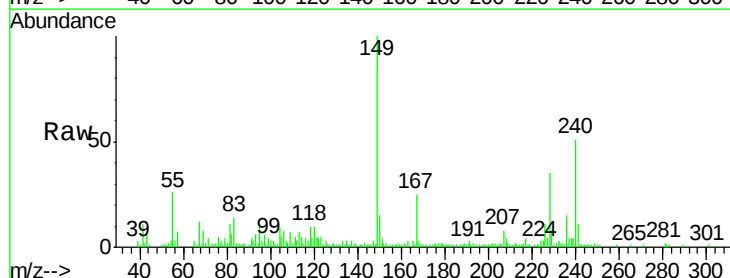
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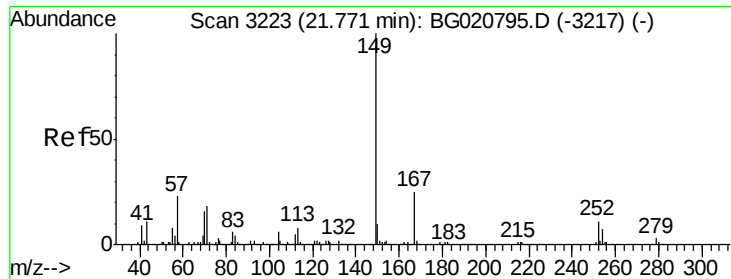
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#83
Benzo(a)anthracene
Concen: 2.16 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. 0.01 min
Lab File: BG020790.D
Acq: 4 Feb 2016 17:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.2	16.0	24.0
226	30.4	21.8	32.8





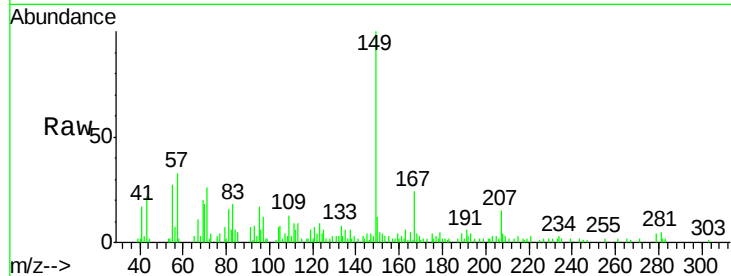
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.22 ng/ul
 RT: 21.77 min Scan# 3223
 Delta R.T. 0.00 min
 Lab File: BG020790.D
 Acq: 4 Feb 2016 17:10

Instrument :
 BNA_G
 ClientSampleId :
 BBG18

Tot Ion	Ratio	Resp	Lower	Upper
149	100	14778		
167	24.4	23.0	34.6	
279	4.2	4.3	6.5	

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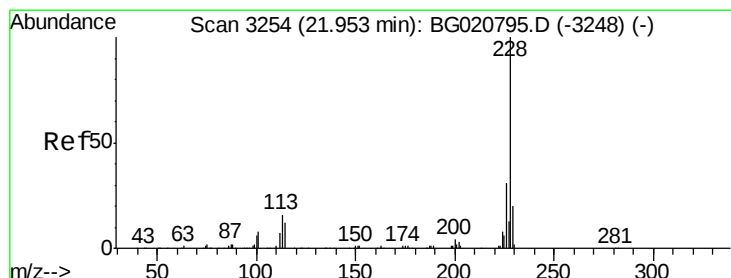
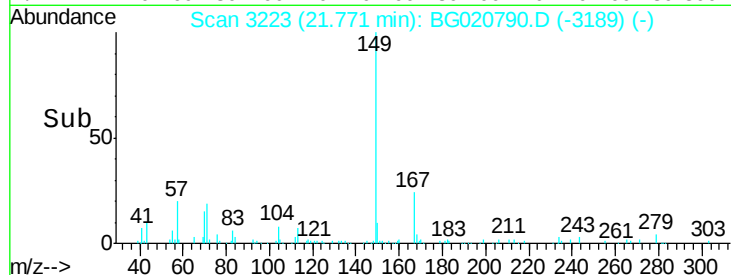
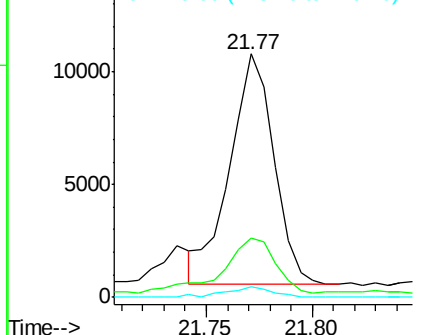


Abundance

Ion 149.00 (148.70 to 149.70): E

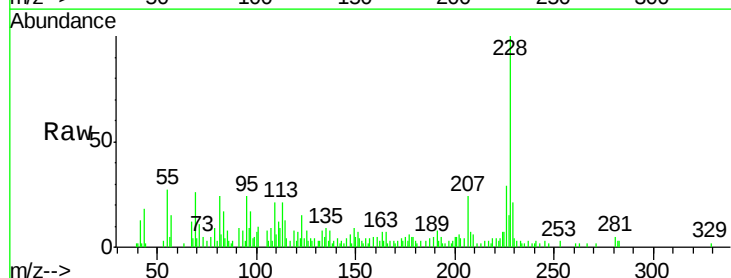
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Chrysene
 Concen: 2.69 ng/ul
 RT: 21.95 min Scan# 3253
 Delta R.T. 0.00 min
 Lab File: BG020790.D
 Acq: 4 Feb 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	16088		
226	28.9	24.1	36.1	
229	20.9	16.0	24.0	

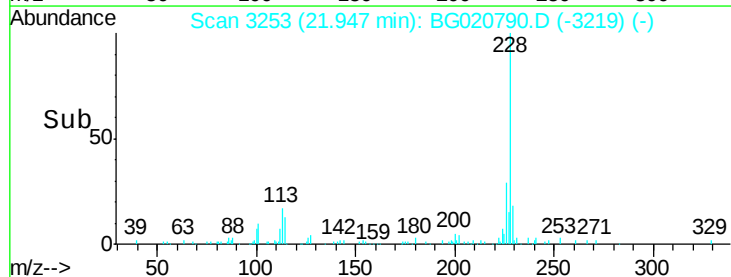
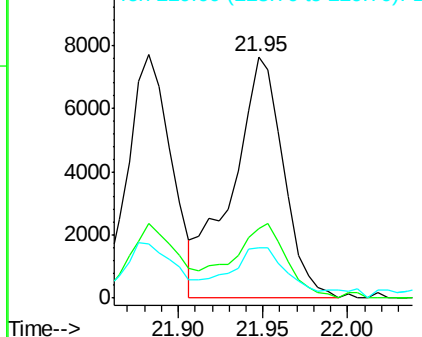


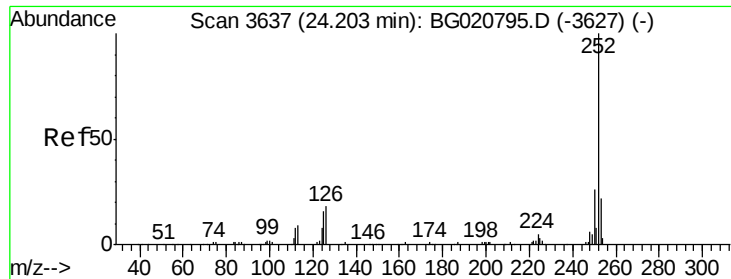
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.68 ng/ul

RT: 24.21 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG020790.D

Acq: 4 Feb 2016 17:10

Instrument :

BNA_G

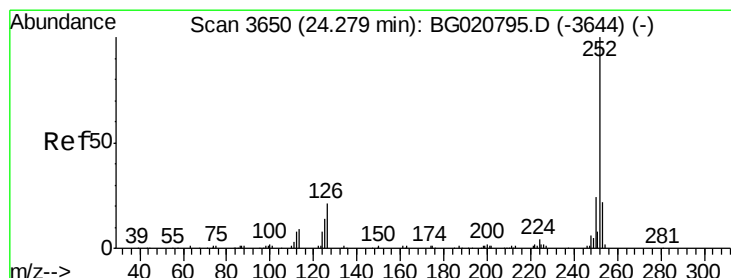
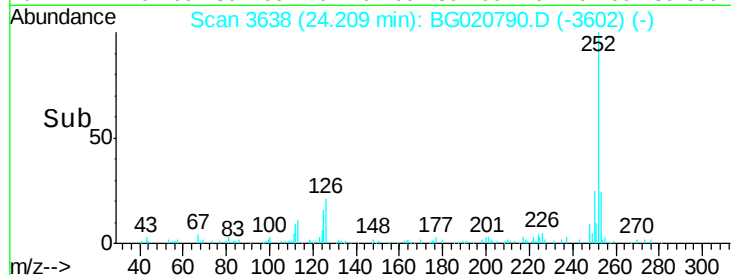
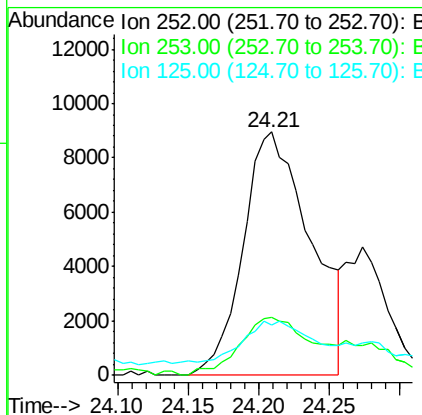
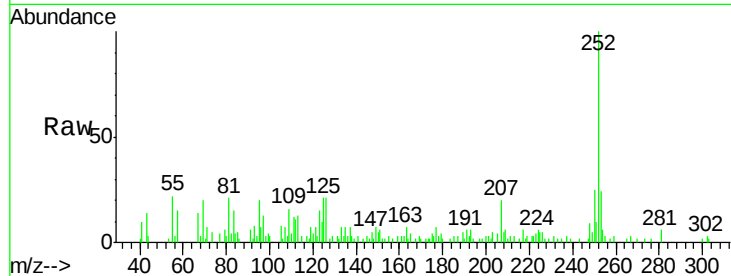
ClientSampleId :

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Tot Ion:	252	Resp:	29827
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	20.8	4.9	7.3#

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#89

Benzo(k)fluoranthene

Concen: 1.53 ng/ul m

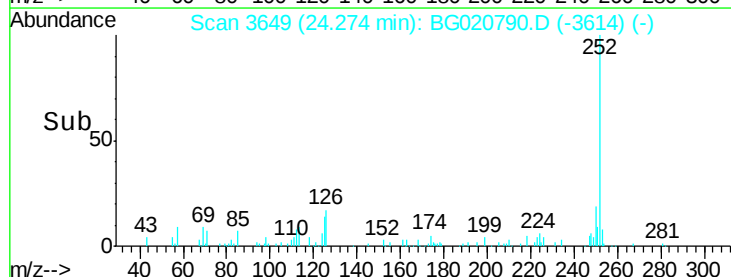
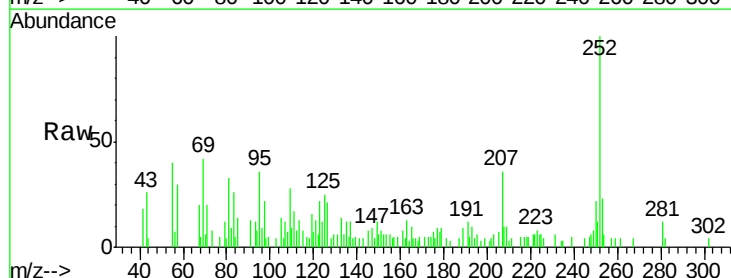
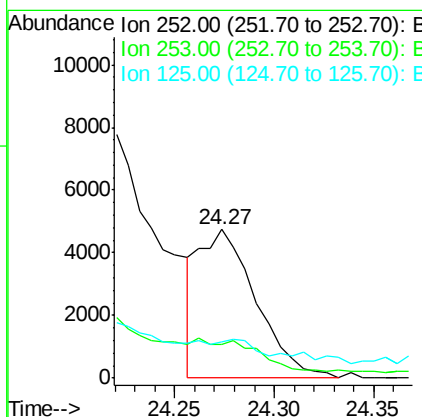
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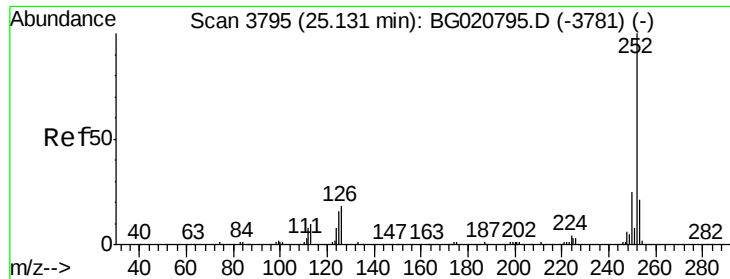
Delta R.T. 0.01 min

Lab File: BG020790.D

Acq: 4 Feb 2016 17:10

Tgt Ion:	252	Resp:	9569
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	24.8	5.4	8.0#





#91

Benzo(a)pyrene

Concen: 3.22 ng/ul

RT: 25.13 min Scan# 3794

Delta R.T. 0.01 min

Lab File: BG020790.D

Acq: 4 Feb 2016 17:10

Instrument :

BNA_G

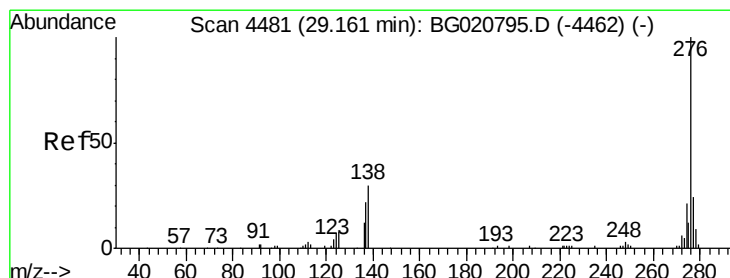
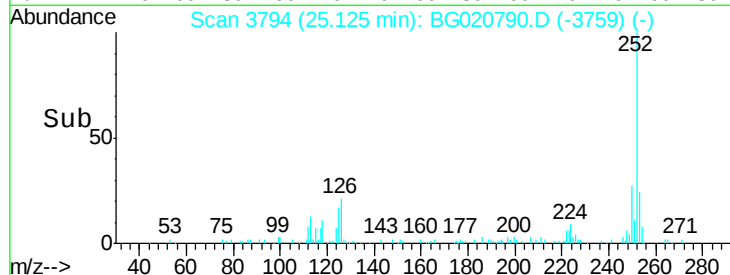
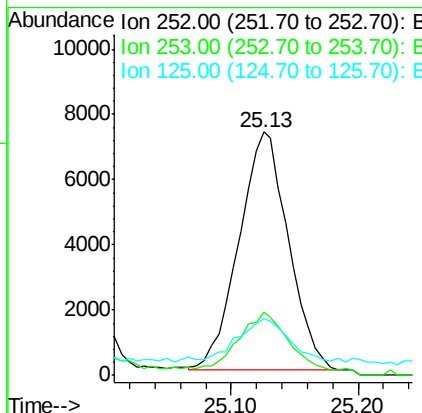
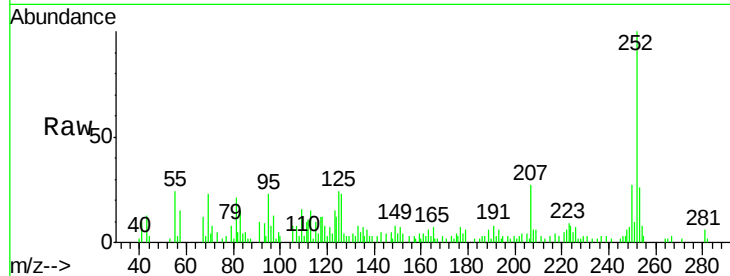
ClientSampled :

BBG18

Tot Ion:	252	Resp:	19626
Ion Ratio		Lower	Upper
252	100		
253	25.8	17.2	25.8#
125	23.6	5.8	8.6#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.71 ng/ul

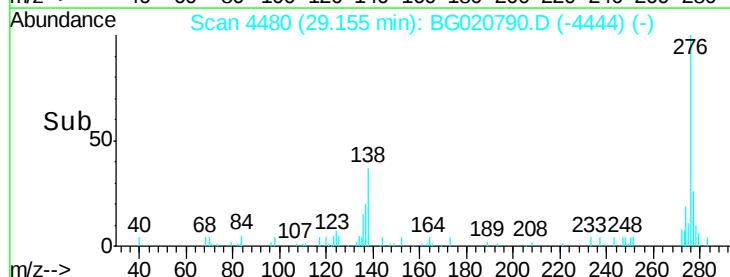
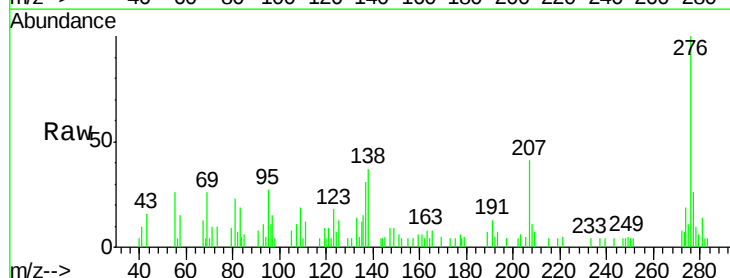
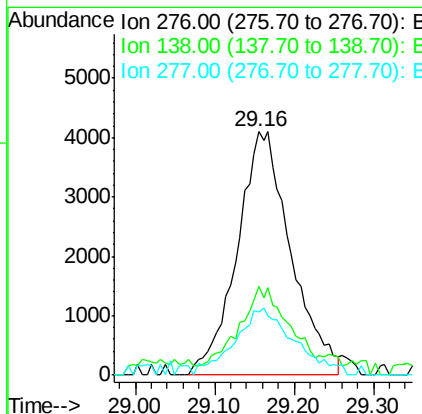
RT: 29.16 min Scan# 4480

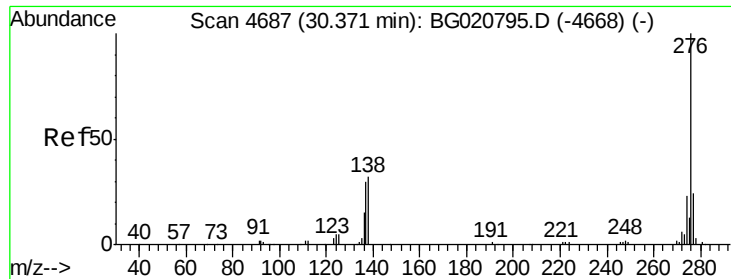
Delta R.T. 0.01 min

Lab File: BG020790.D

Acq: 4 Feb 2016 17:10

Tgt Ion:	276	Resp:	19324
Ion Ratio		Lower	Upper
276	100		
138	36.6	10.9	16.3#
277	25.8	18.9	28.3





#94
 Benzo(a,h,i)perylene
 Concen: 3.21 ng/ul m
 RT: 30.36 min Scan# 4685
 Delta R.T. 0.01 min
 Lab File: BG020790.D
 Acq: 4 Feb 2016 17:10

Instrument :
 BNA_G
 ClientSampleId :
 BBG18

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.9	11.2	16.8#
277	24.4	19.0	28.6

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