

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
 Data File : BG020791.D
 Acq On : 4 Feb 2016 17:49
 Operator : SJ/IZ
 Sample : H1334-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG19

Manual Integrations
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mohammad
 2/5/2016 3:39:09 PM

Quant Time: Feb 05 07:20:11 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	21504	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	108804	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	61376	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	116427	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	98374	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	94402	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1126	2.51	ng/uL	0.00
5) Phenol-d5	7.41	99	28982	13.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	17319	15.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	24971	15.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	23769	12.52	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	11650	17.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	10863	18.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	23526	14.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	33652	15.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	78654	15.00	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	103184	16.15	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	10218	11.02	ng/ul	0.00
58) Fluorene-d10	15.87	176	68468	14.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	4470	11.63	ng/ul	0.00
71) Anthracene-d10	17.72	188	96976	16.94	ng/ul	0.00
79) Pyrene-d10	19.98	212	91777	17.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	88260	17.44	ng/ul	0.01

Target Compounds

						Ovalue
45) Dimethylphthalate	14.33	163	29574	5.40	ng/ul#	97
70) Phenanthrene	17.66	178	37962	5.19	ng/ul	98
72) Anthracene	17.75	178	8699	1.19	ng/ul	98
77) Fluoranthene	19.66	202	57229	7.62	ng/ul#	81
80) Pyrene	20.01	202	44714	6.01	ng/ul#	75
83) Benzo(a)anthracene	21.88	228	23721	3.74	ng/ul	98
85) Chrysene	21.95	228	20104m	3.42	ng/ul	
88) Benzo(b)fluoranthene	24.21	252	26883	4.35	ng/ul#	86
89) Benzo(k)fluoranthene	24.27	252	8070	1.33	ng/ul#	86
91) Benzo(a)pyrene	25.12	252	19317	3.26	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	29.15	276	12280	1.78	ng/ul#	78
94) Benzo(g,h,i)perylene	30.36	276	11660m	2.05	ng/ul	

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

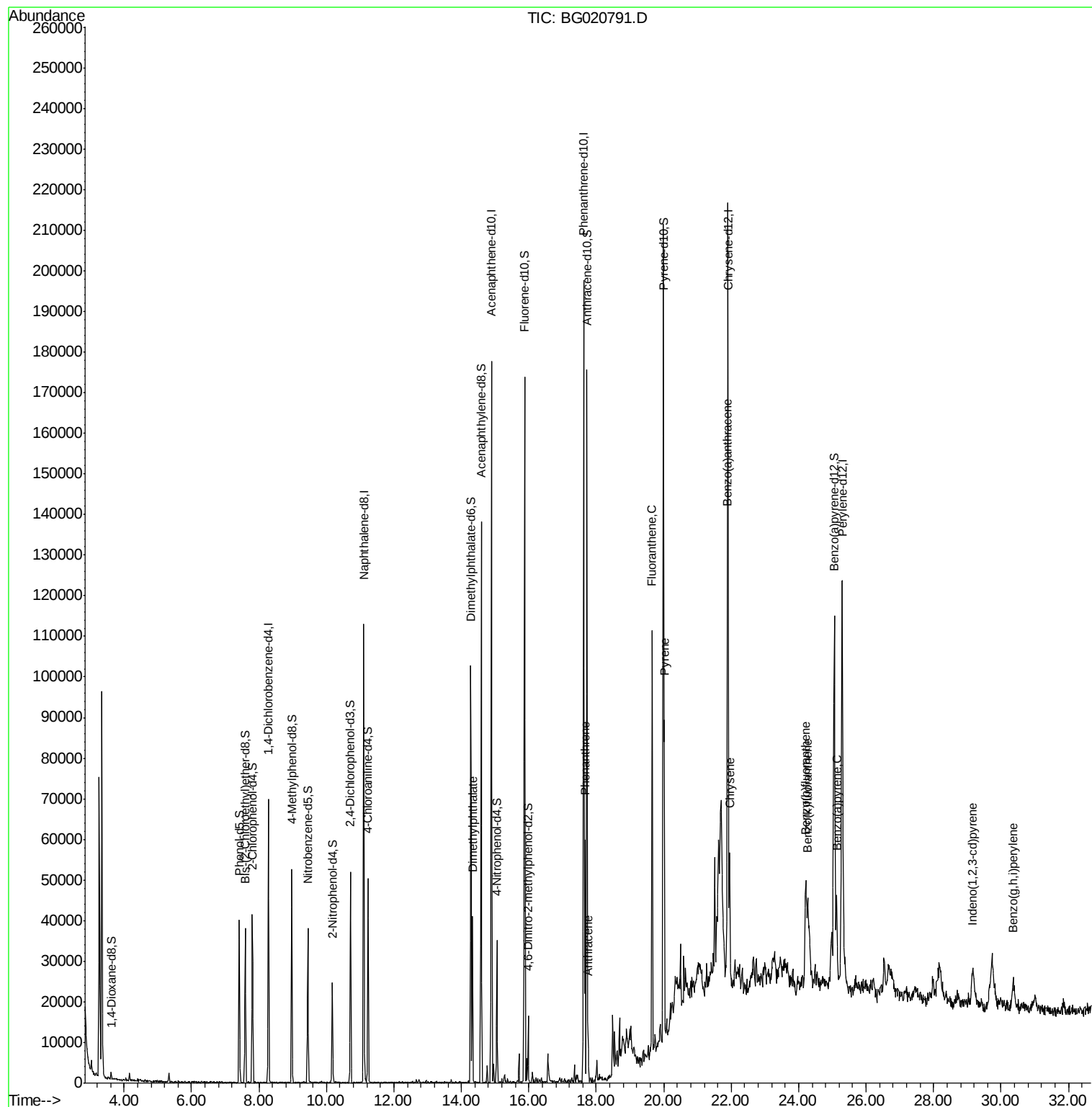
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020791.D
Acq On : 4 Feb 2016 17:49
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ALS Vial : 11 Sample Multiplier: 1

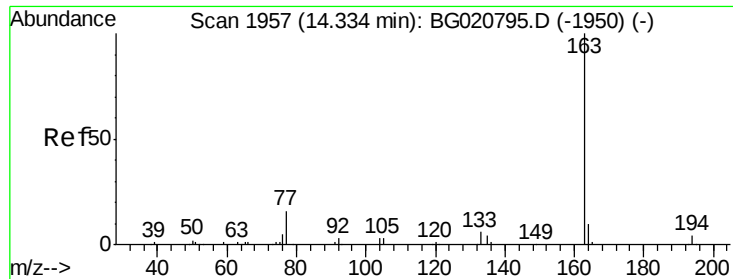
Instrument :
BNA_G
ClientSampleId :
BBG19

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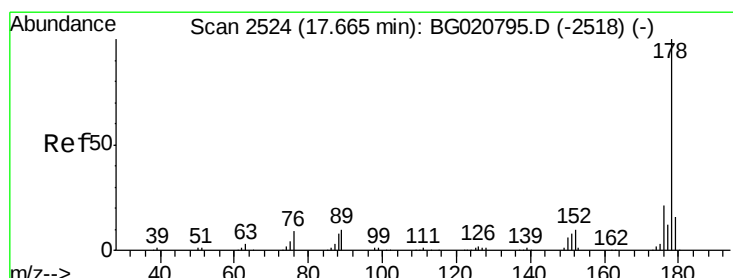
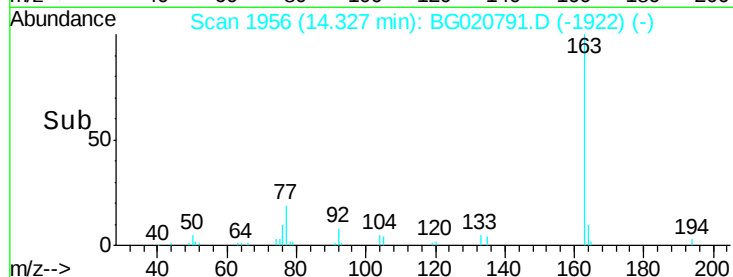
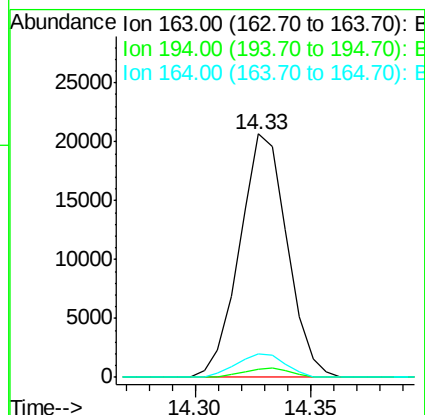
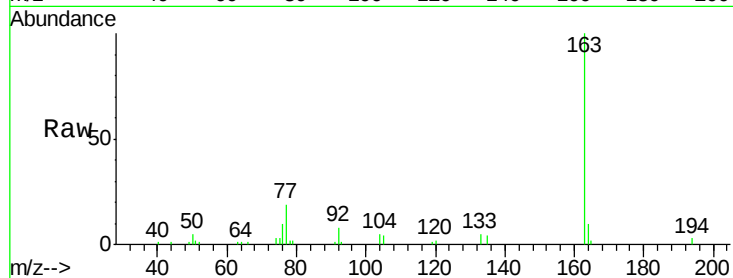
#45
Dimethylphthalate
Concen: 5.40 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG020791.D
Acq: 4 Feb 2016 17:49

Instrument :
BNA_G
ClientSampleID :
BBG19

Tot Ion	Ratio	Resp	Lower	Upper
163	100	29574		
194	3.3	4.0	6.0	
164	9.8	8.4	12.6	

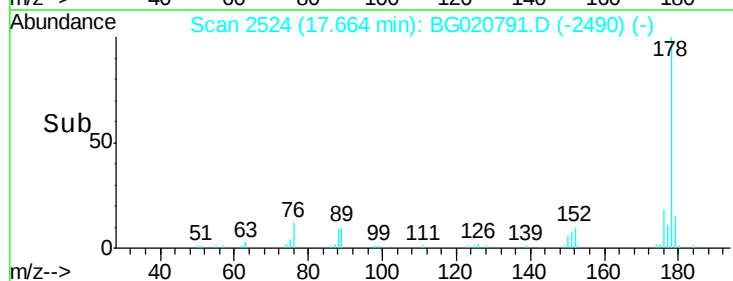
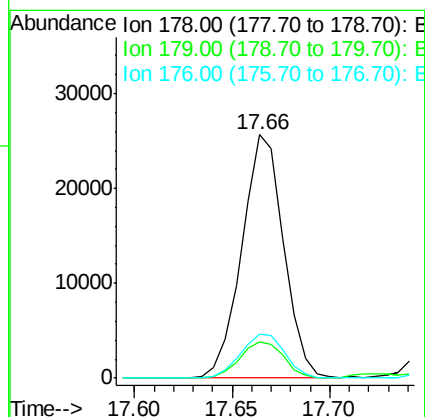
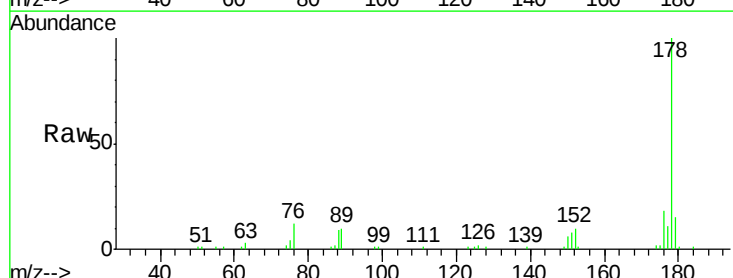
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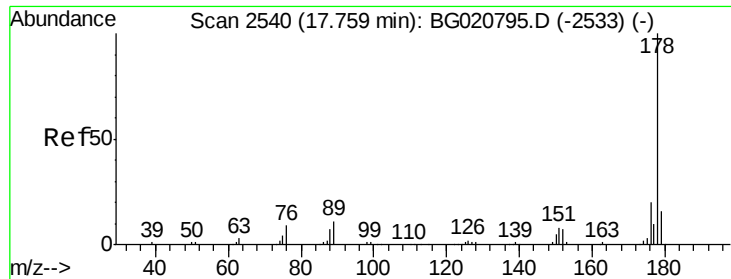
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#70
Phenanthrene
Concen: 5.19 ng/ul
RT: 17.66 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG020791.D
Acq: 4 Feb 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	37962		
179	14.9	12.3	18.5	
176	18.3	15.4	23.0	





#72

Anthracene

Concen: 1.19 ng/ul

RT: 17.75 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG020791.D

Acq: 4 Feb 2016 17:49

Instrument :

BNA_G

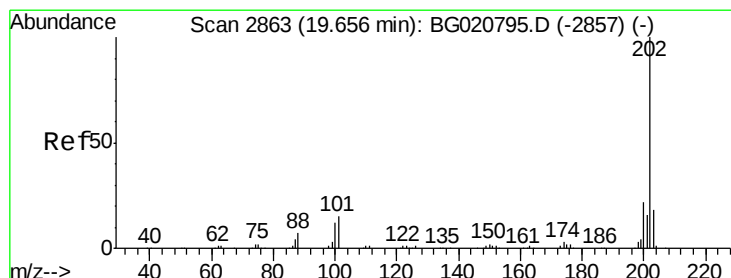
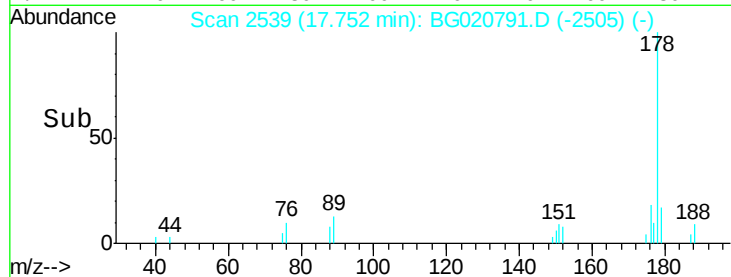
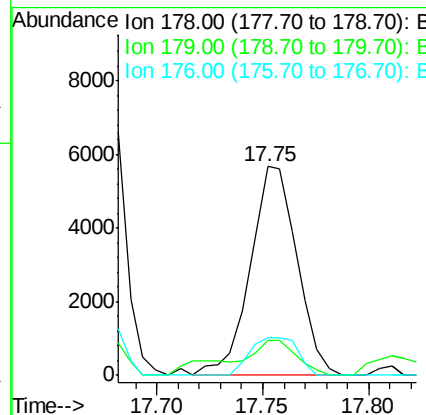
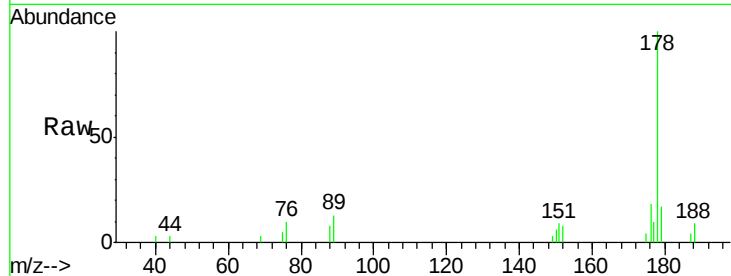
ClientSampleId :

BBG19

Tot Ion:	178	Resp:	8699
Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.4	20.2
176	17.7	15.4	23.0

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#77

Fluoranthene

Concen: 7.62 ng/ul

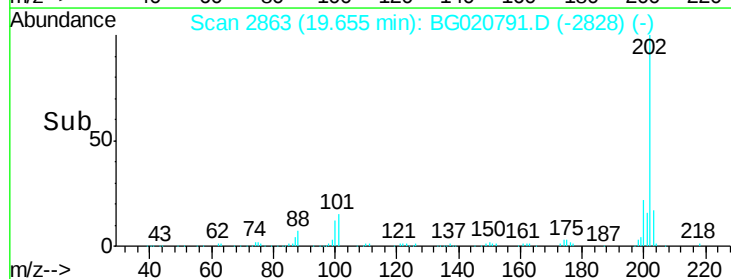
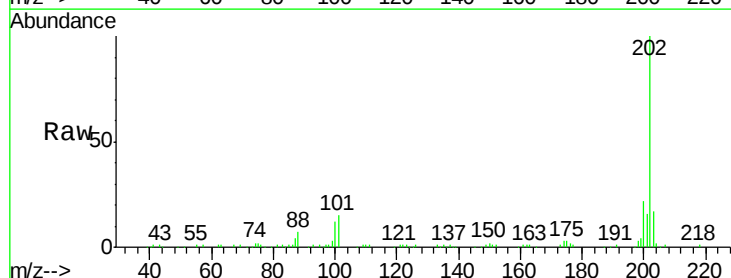
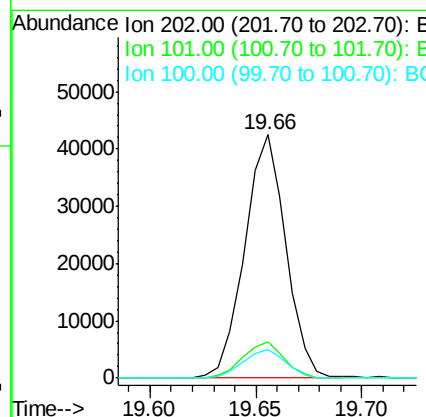
RT: 19.66 min Scan# 2863

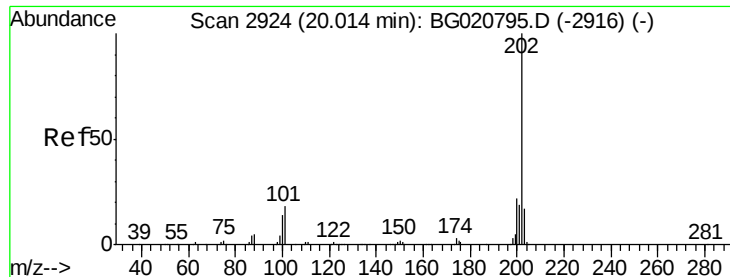
Delta R.T. 0.01 min

Lab File: BG020791.D

Acq: 4 Feb 2016 17:49

Tgt Ion:	202	Resp:	57229
Ion	Ratio	Lower	Upper
202	100		
101	14.7	6.1	9.1#
100	11.6	4.6	7.0#





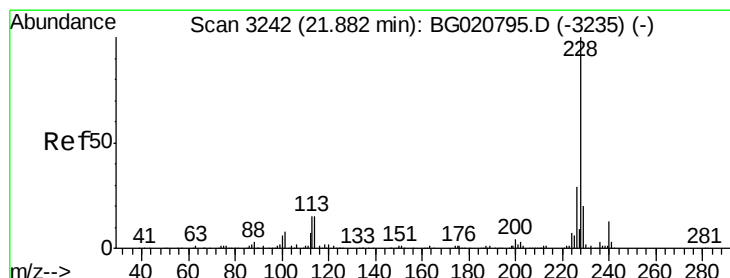
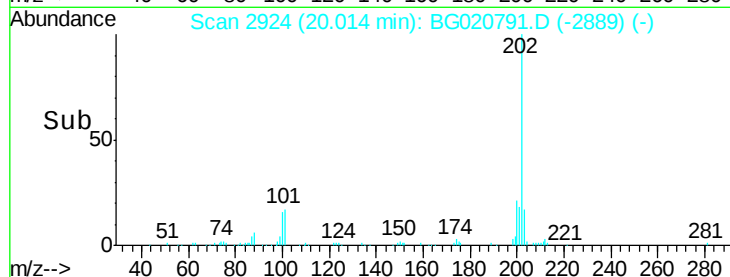
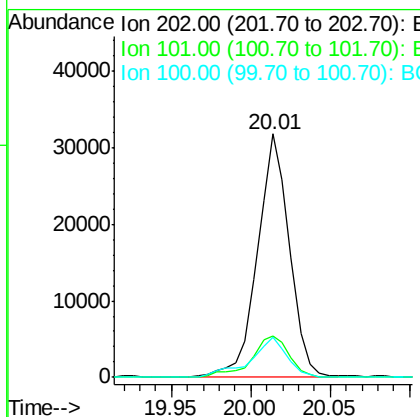
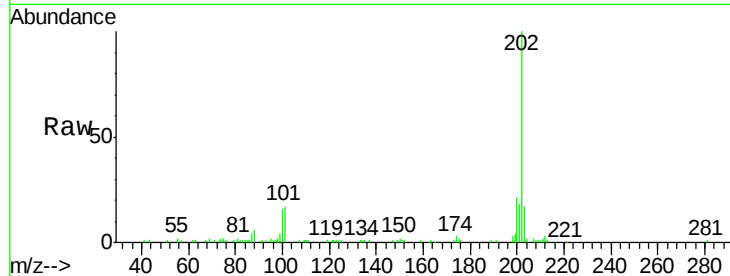
#80
Pvrene
Concen: 6.01 ng/ul
RT: 20.01 min Scan# 2924
Delta R.T. 0.01 min
Lab File: BG020791.D
Acq: 4 Feb 2016 17:49

Instrument :
BNA_G
ClientSampleId :
BBG19

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.8	6.9	10.3#
100	16.2	5.6	8.4#

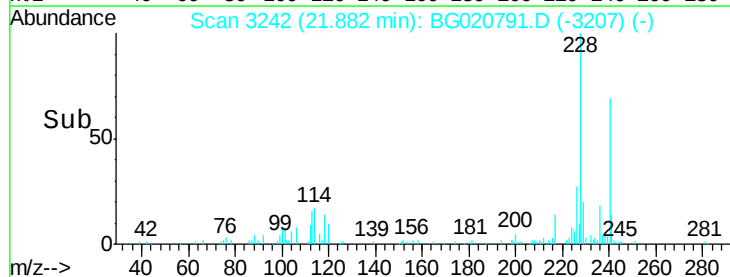
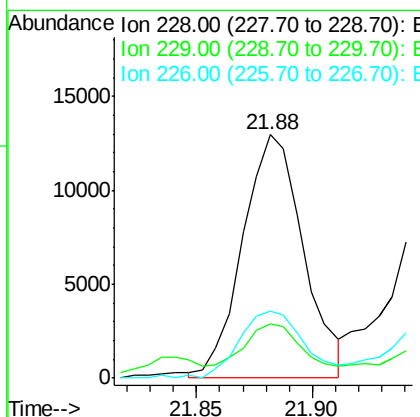
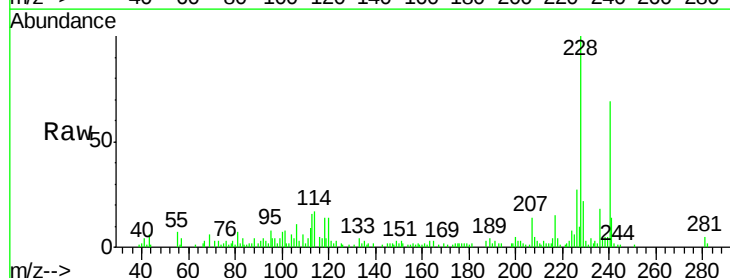
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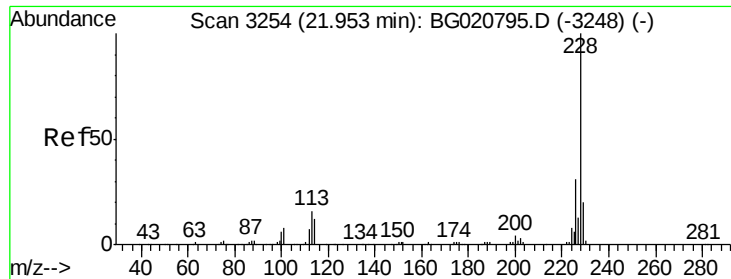
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#83
Benzo(a)anthracene
Concen: 3.74 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. 0.01 min
Lab File: BG020791.D
Acq: 4 Feb 2016 17:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.0	16.0	24.0
226	27.3	21.8	32.8





#85

Chrysene

Concen: 3.42 ng/ul

RT: 21.95 min Scan# 3254

Delta R.T. 0.01 min

Lab File: BG020791.D

Acq: 4 Feb 2016 17:49

Instrument :

BNA_G

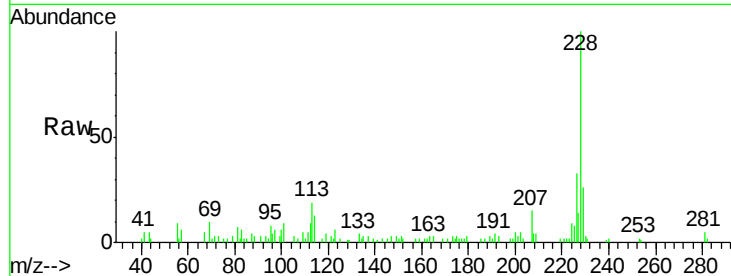
ClientSampled :

BBG19

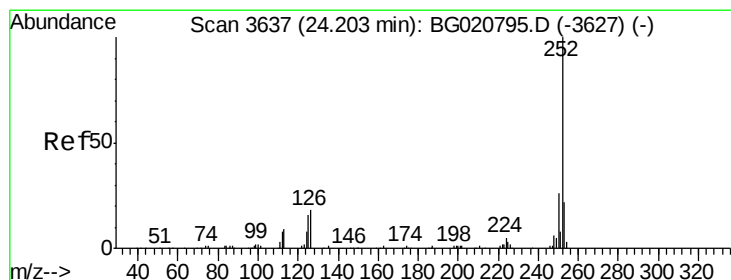
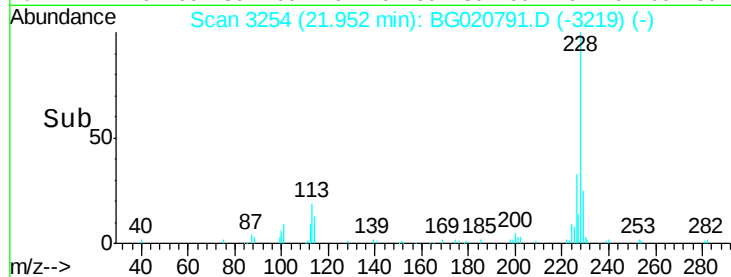
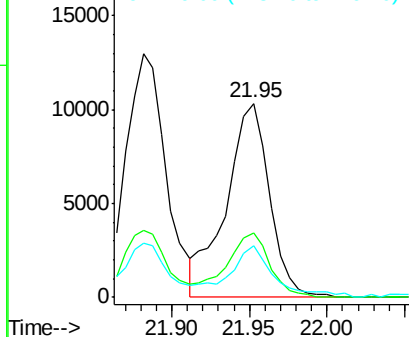
Tot Ion:	228	Resp:	20104
Ion Ratio	Lower	Upper	
228	100		
226	33.3	24.1	36.1
229	26.5	16.0	24.0#

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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: 4.35 ng/ul

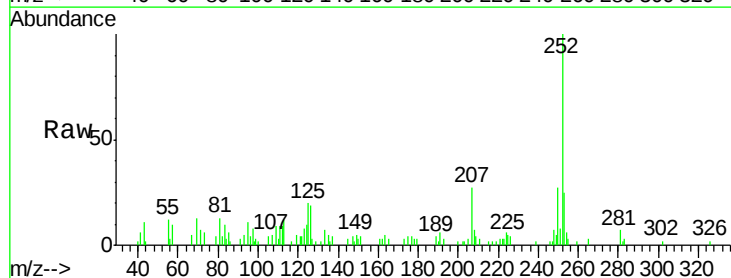
RT: 24.21 min Scan# 3638

Delta R.T. 0.01 min

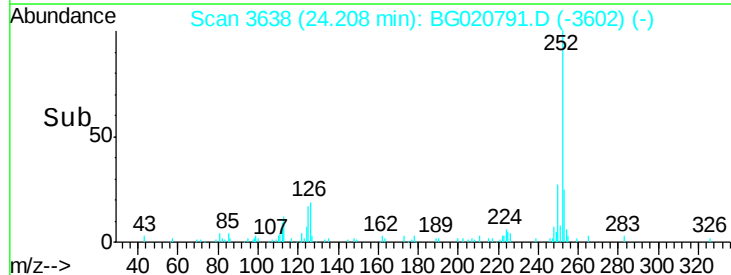
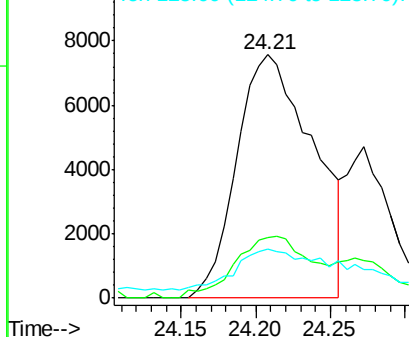
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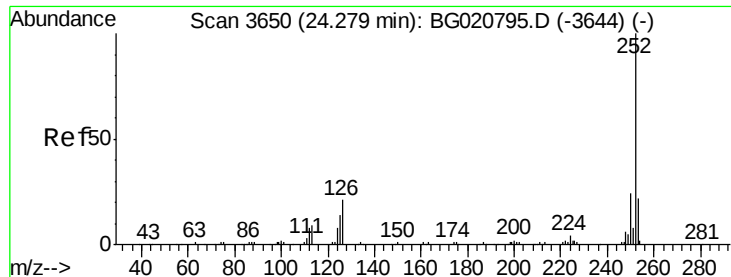
Acq: 4 Feb 2016 17:49

Tgt Ion:	252	Resp:	26883
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.4	26.0
125	20.0	4.9	7.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





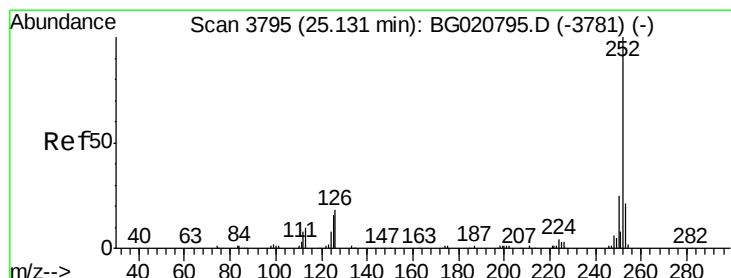
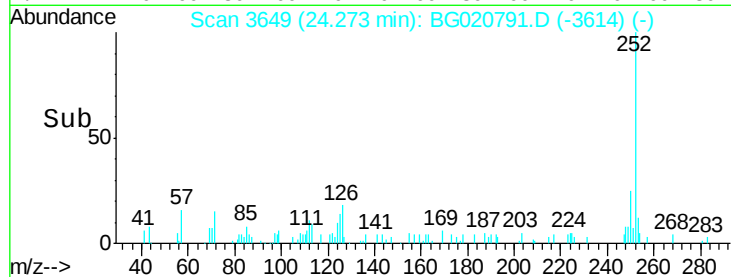
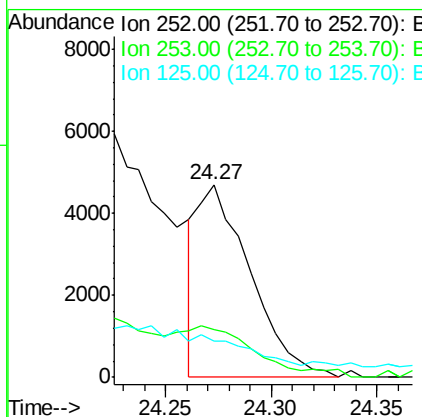
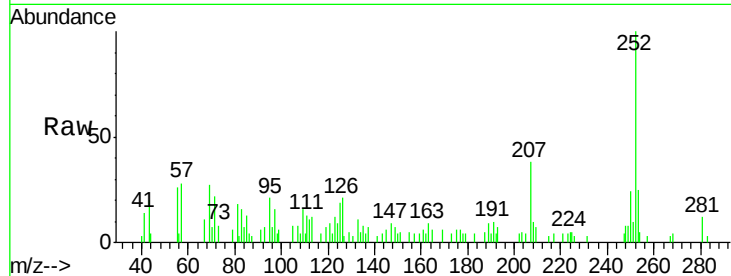
#89
Benzo(k)fluoranthene
Concen: 1.33 ng/ul
RT: 24.27 min Scan# 3649
Delta R.T. 0.01 min
Lab File: BG020791.D
Acq: 4 Feb 2016 17:49

Instrument :
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ClientSampleId :
BBG19

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	18.8	5.4	8.0#

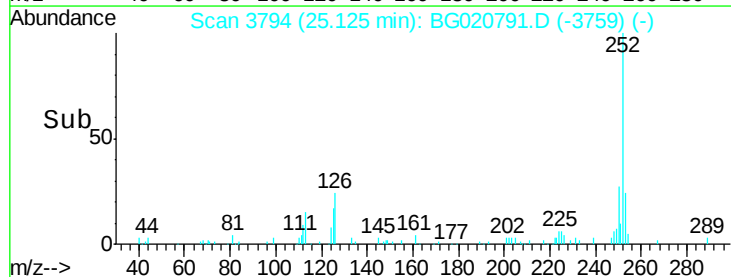
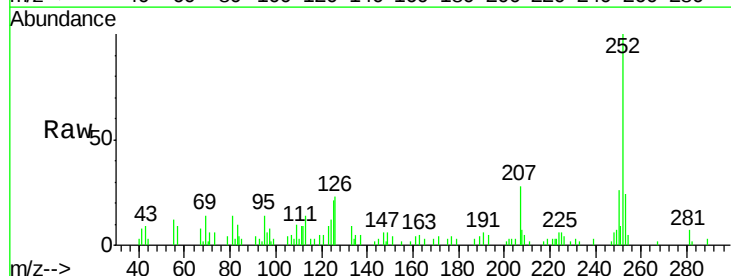
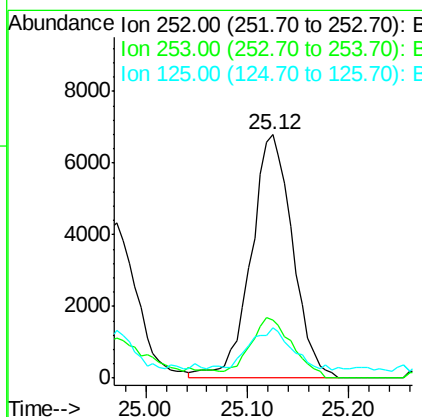
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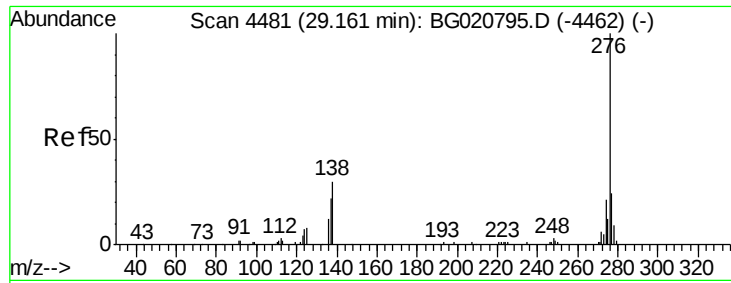
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#91
Benzo(a)pyrene
Concen: 3.26 ng/ul
RT: 25.12 min Scan# 3794
Delta R.T. 0.01 min
Lab File: BG020791.D
Acq: 4 Feb 2016 17:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	20.7	5.8	8.6#





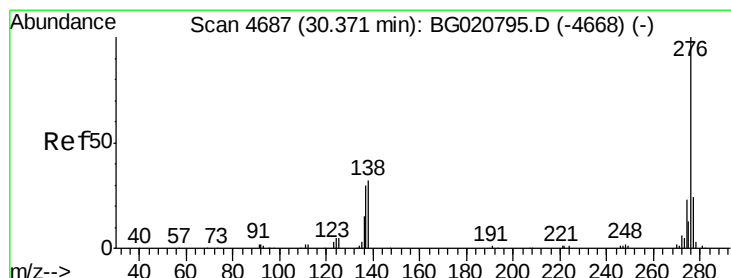
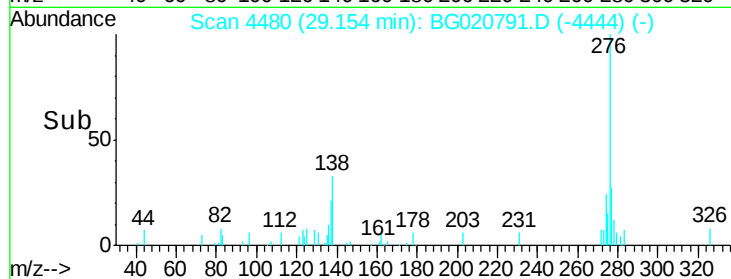
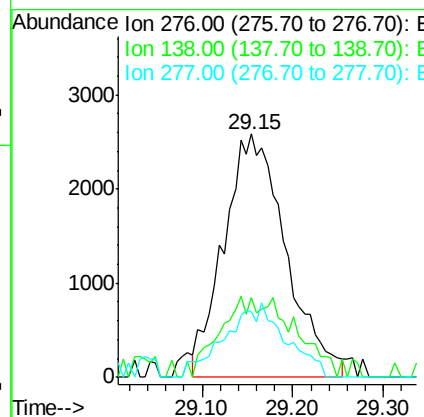
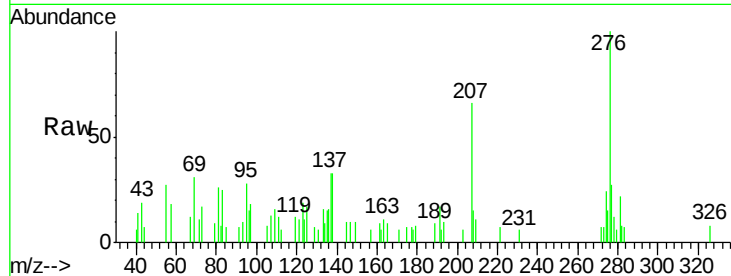
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.78 ng/ul
 RT: 29.15 min Scan# 4480
 Delta R.T. 0.01 min
 Lab File: BG020791.D
 Acq: 4 Feb 2016 17:49

Instrument :
 BNA_G
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 BBG19

Tot Ion	Ratio	Resp	Lower	Upper
276	100	12280		
138	32.6	10.9	16.3#	
277	27.1	18.9	28.3	

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#94
 Benzo(g,h,i)perylene
 Concen: 2.05 ng/ul m
 RT: 30.36 min Scan# 4686
 Delta R.T. 0.02 min
 Lab File: BG020791.D
 Acq: 4 Feb 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	11660		
138	33.8	11.2	16.8#	
277	24.9	19.0	28.6	

