

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
 Data File : BG020793.D
 Acq On : 4 Feb 2016 19:08
 Operator : SJ/IZ
 Sample : H1334-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG09

Manual Integrations
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mohammad
 2/5/2016 3:39:17 PM

Quant Time: Feb 05 07:25:48 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	21265	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	108331	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	62745	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	126555	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	105573	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	101664	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	1025	2.31	ng/uL	0.00
5) Phenol-d5	7.41	99	19237	8.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	15704	13.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	21074	12.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	12849	6.84	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	11504	17.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	10097	17.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	20784	13.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	31163	14.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	74743	13.95	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	98776	15.12	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	5516	5.82	ng/ul	0.00
58) Fluorene-d10	15.87	176	66092	14.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	2927	7.00	ng/ul	0.00
71) Anthracene-d10	17.72	188	92597	14.88	ng/ul	0.00
79) Pyrene-d10	19.99	212	87494	15.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	83576	15.34	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	14.33	163	21326	3.81	ng/ul	98
70) Phenanthrene	17.66	178	66194	8.33	ng/ul	99
72) Anthracene	17.76	178	11404	1.43	ng/ul	98
77) Fluoranthene	19.66	202	77962	9.55	ng/ul#	83
80) Pyrene	20.01	202	68985	8.64	ng/ul#	75
83) Benzo(a)anthracene	21.88	228	28253	4.15	ng/ul	99
85) Chrysene	21.95	228	28174	4.46	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	33540	5.04	ng/ul#	87
89) Benzo(k)fluoranthene	24.27	252	11413m	1.75	ng/ul	
91) Benzo(a)pyrene	25.13	252	24122	3.79	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	29.15	276	17056m	2.29	ng/ul	
94) Benzo(g,h,i)perylene	30.37	276	15701m	2.57	ng/ul	

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

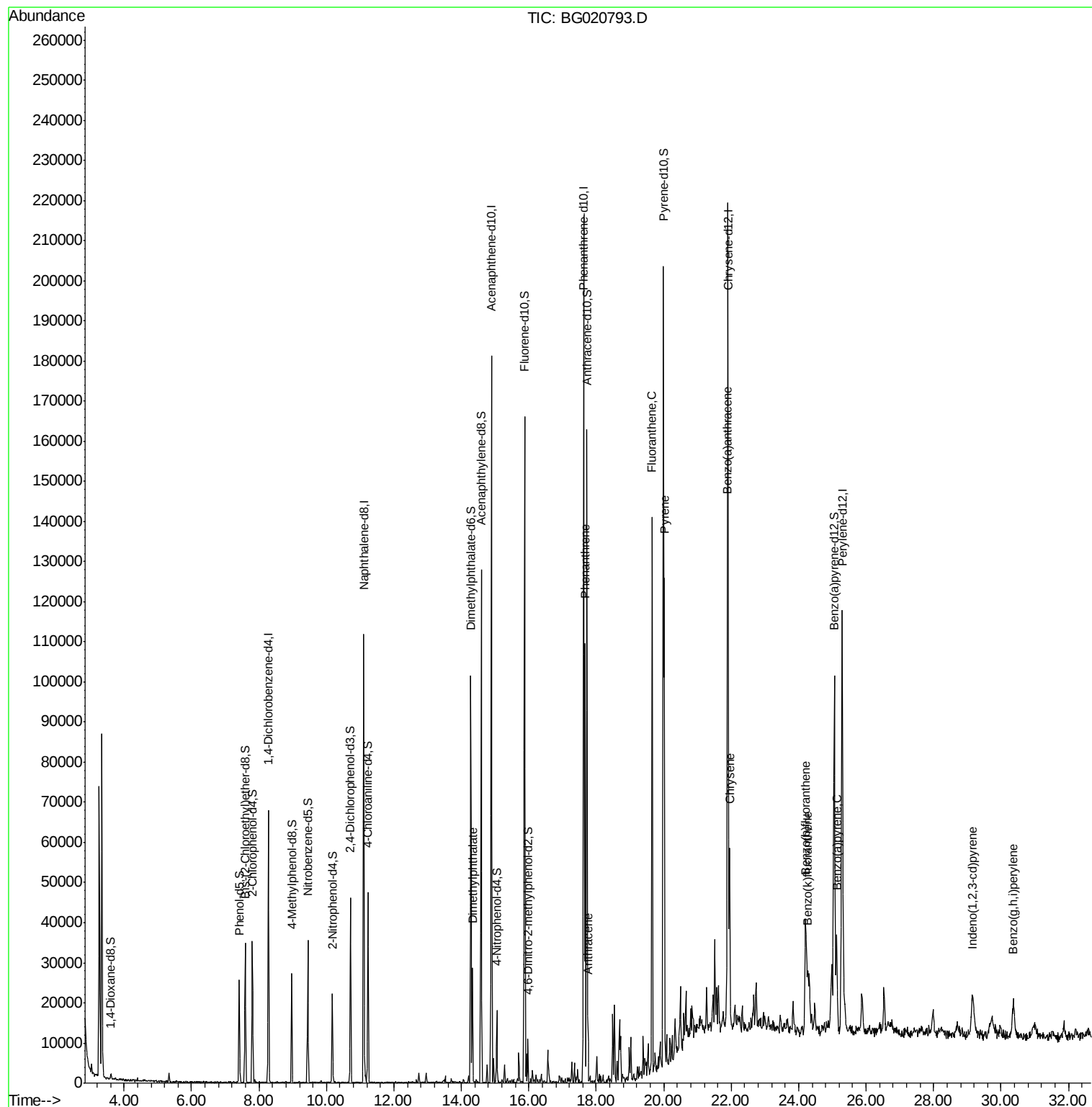
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020793.D
Acq On : 4 Feb 2016 19:08
Operator : SJ/IZ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

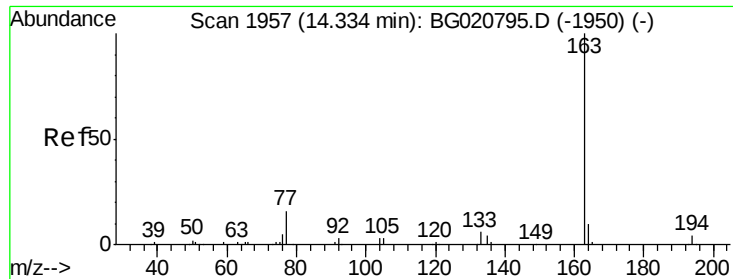
Instrument :
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ClientSampleId :
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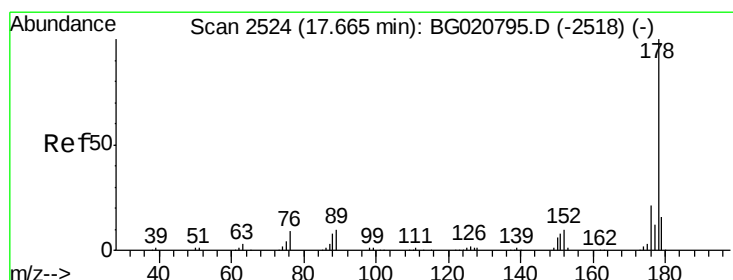
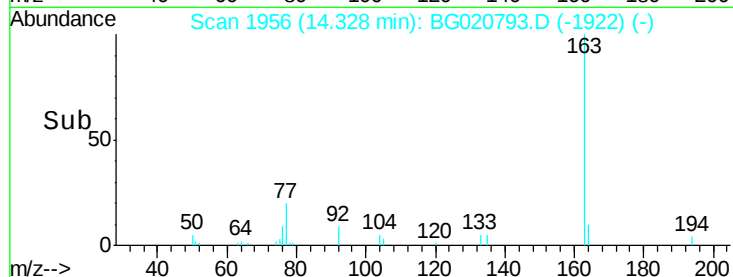
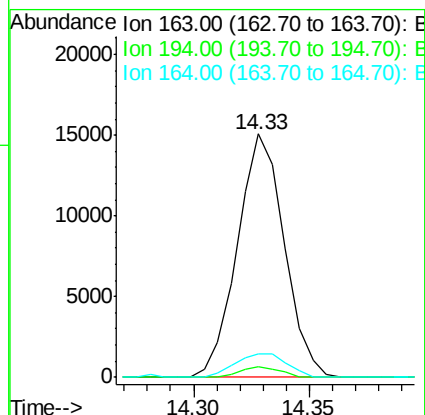
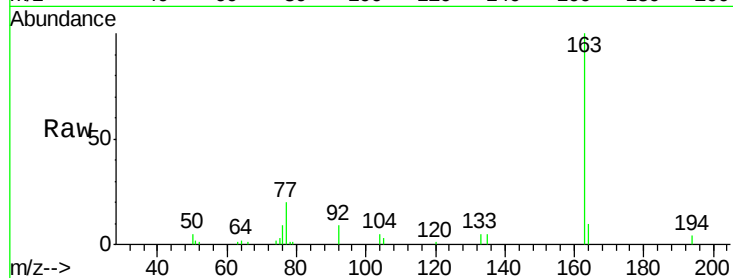
#45
Dimethylphthalate
Concen: 3.81 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020793.D
Acq: 4 Feb 2016 19:08

Instrument :
BNA_G
ClientSampleId :
BBG09

Tot Ion	Ratio	Resp	Lower	Upper
163	100	21326		
194	4.3		4.0	6.0
164	9.6		8.4	12.6

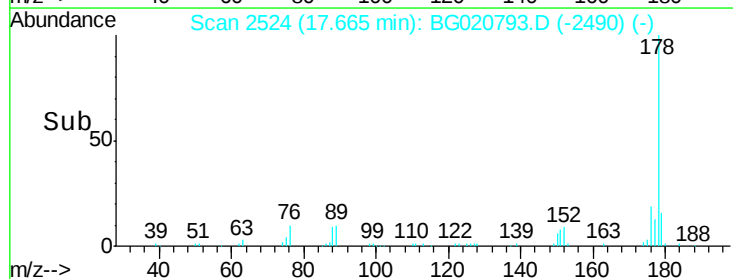
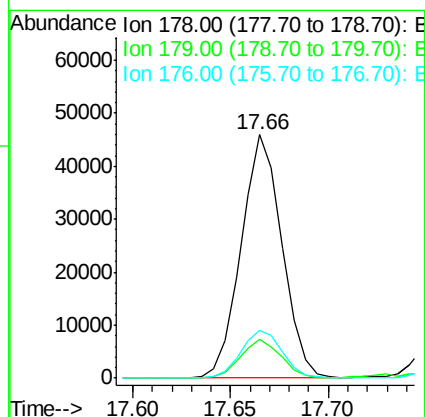
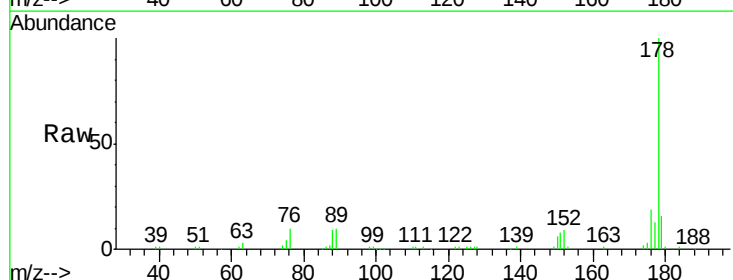
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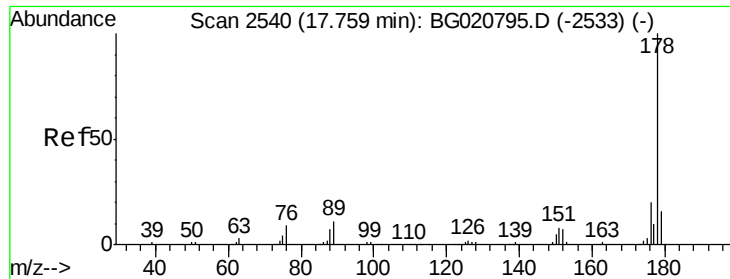
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#70
Phenanthrene
Concen: 8.33 ng/ul
RT: 17.66 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG020793.D
Acq: 4 Feb 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	66194		
179	15.9		12.3	18.5
176	19.5		15.4	23.0





#72

Anthracene

Concen: 1.43 ng/ul

RT: 17.76 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BG020793.D

Acq: 4 Feb 2016 19:08

Instrument :

BNA_G

ClientSampleId :

BBG09

Tot Ion:178 Resp: 11404

Ion Ratio Lower Upper

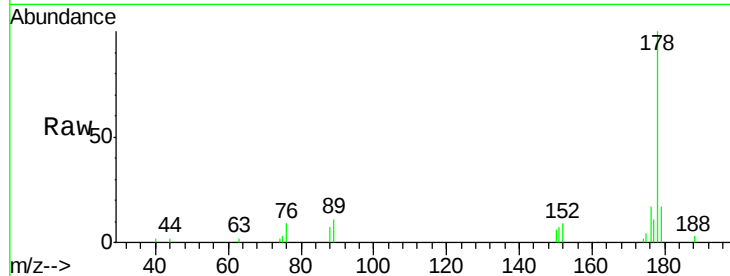
178 100

179 16.5 13.4 20.2

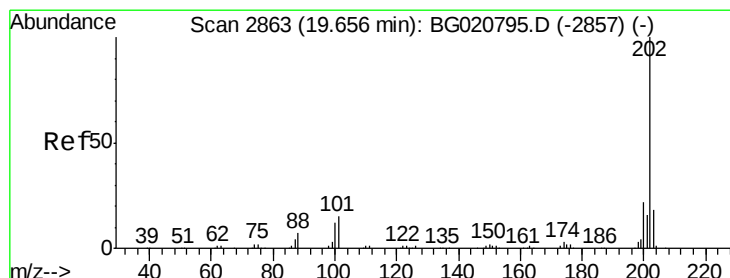
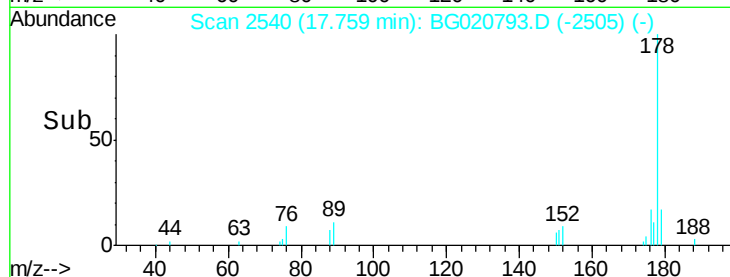
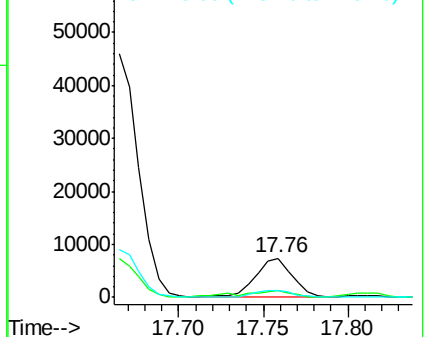
176 17.5 15.4 23.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 9.55 ng/ul

RT: 19.66 min Scan# 2863

Delta R.T. 0.01 min

Lab File: BG020793.D

Acq: 4 Feb 2016 19:08

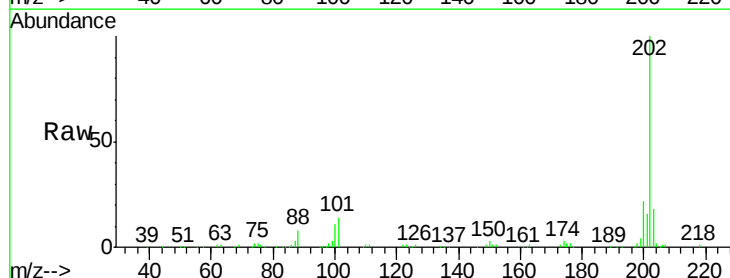
Tgt Ion:202 Resp: 77962

Ion Ratio Lower Upper

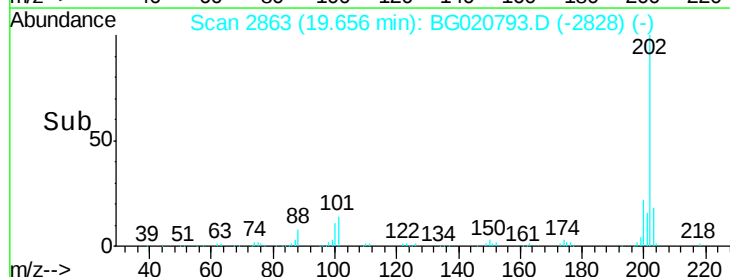
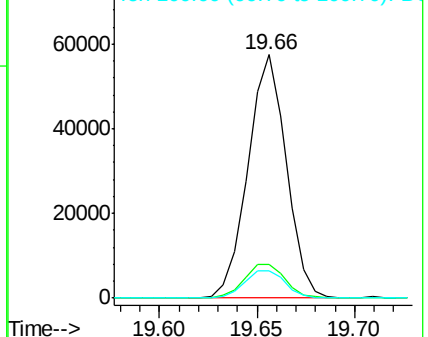
202 100

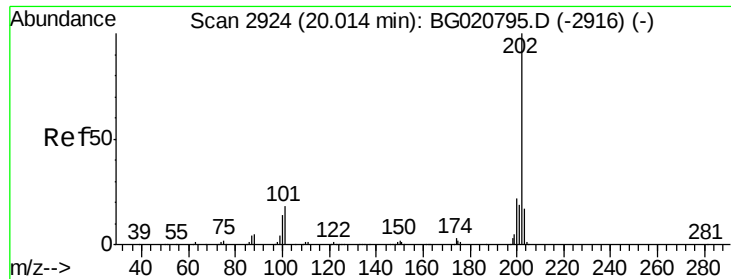
101 13.9 6.1 9.1#

100 11.3 4.6 7.0#



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





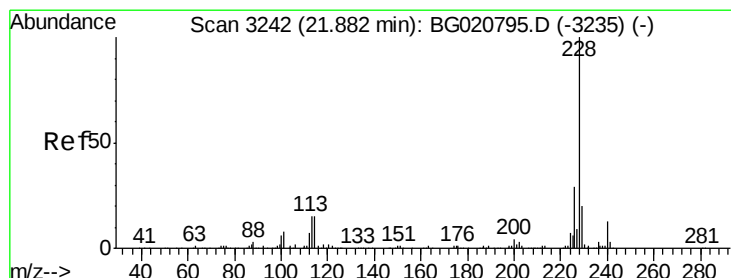
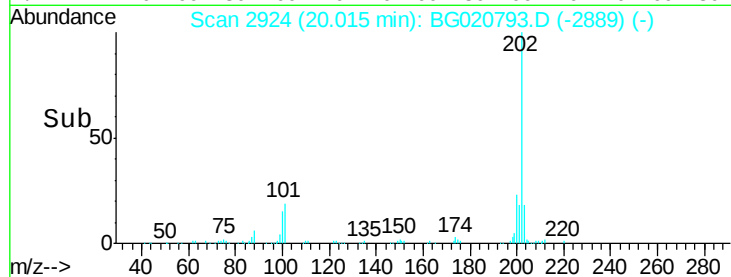
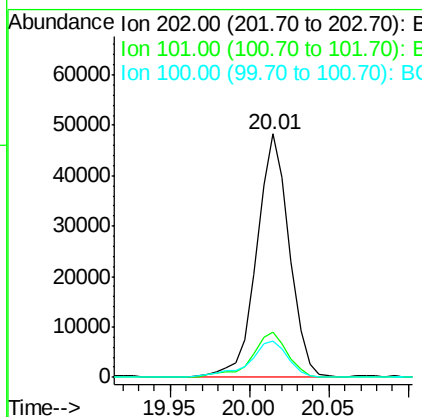
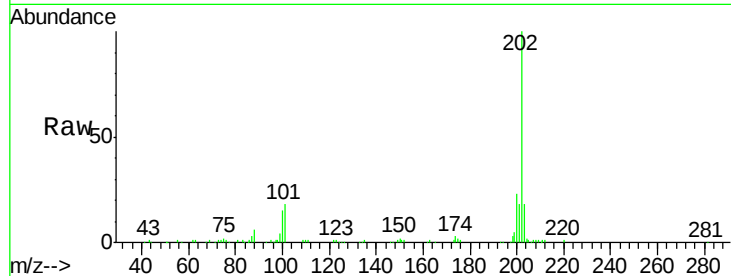
#80
Pvrene
Concen: 8.64 ng/ul
RT: 20.01 min Scan# 2924
Delta R.T. 0.01 min
Lab File: BG020793.D
Acq: 4 Feb 2016 19:08

Instrument :
BNA_G
ClientSampleId :
BBG09

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.4	6.9	10.3#
100	14.9	5.6	8.4#

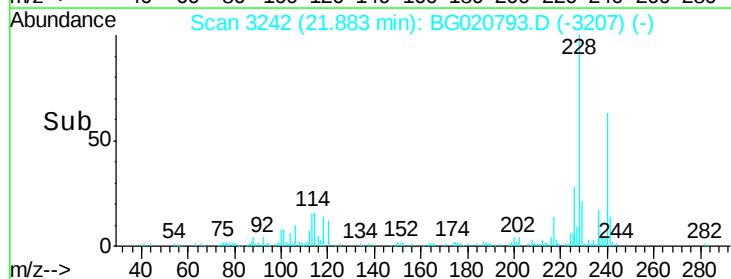
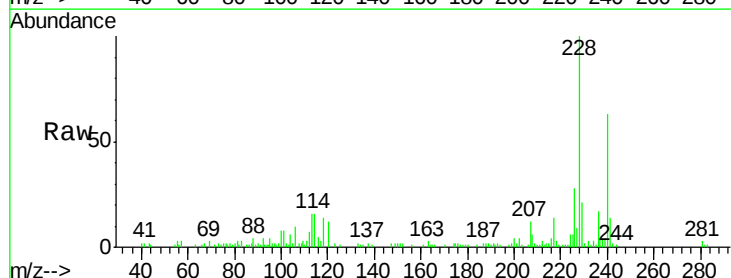
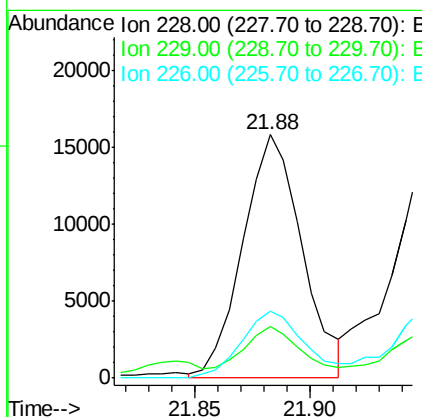
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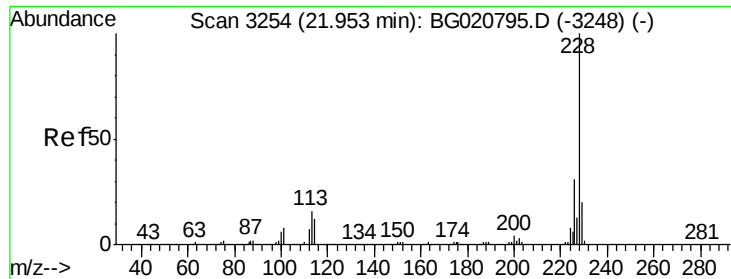
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#83
Benzo(a)anthracene
Concen: 4.15 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. 0.01 min
Lab File: BG020793.D
Acq: 4 Feb 2016 19:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.1	16.0	24.0
226	27.5	21.8	32.8





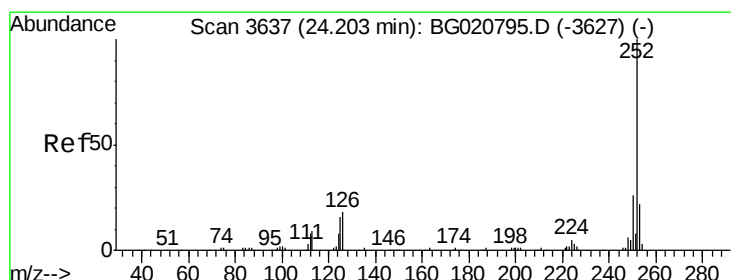
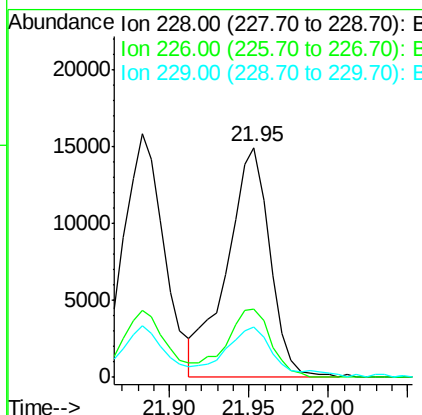
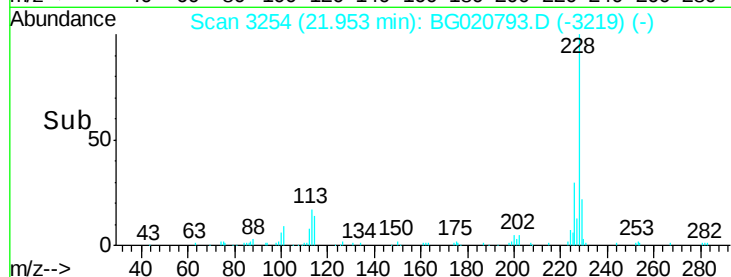
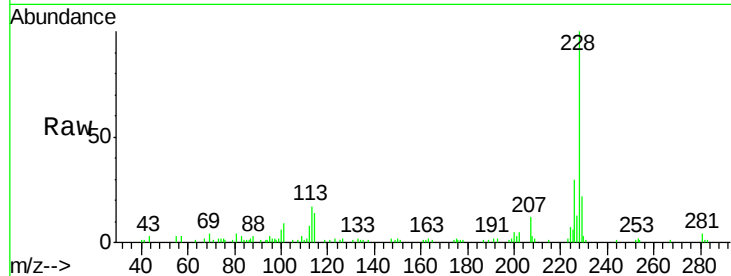
#85
Chrysene
Concen: 4.46 ng/uL
RT: 21.95 min Scan# 3254
Delta R.T. 0.01 min
Lab File: BG020793.D
Acq: 4 Feb 2016 19:08

Instrument :
BNA_G
ClientSampleId :
BBG09

Tot Ion:	228	Resp:	28174
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.1	36.1
229	21.8	16.0	24.0

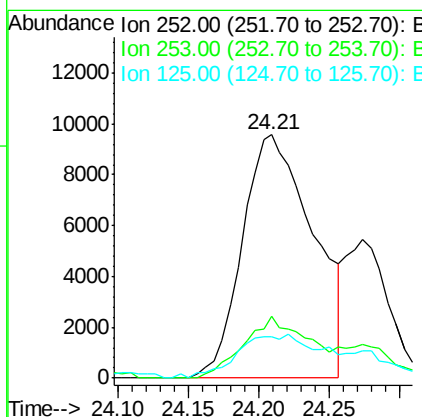
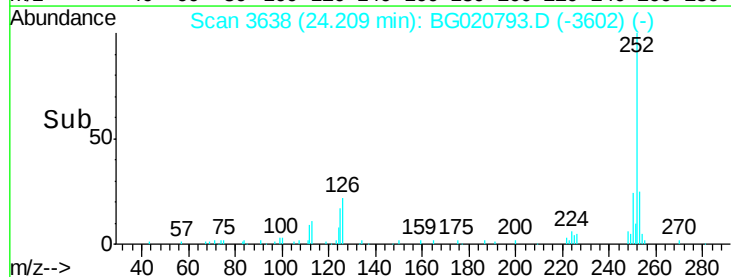
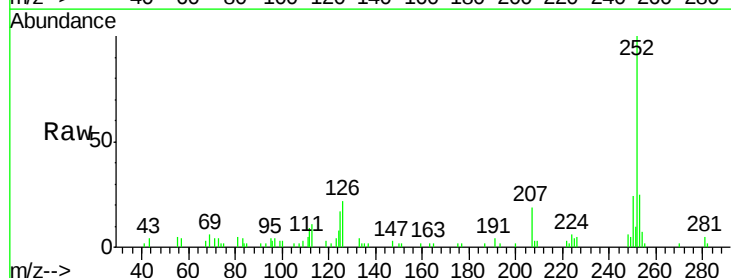
Manual Integrations
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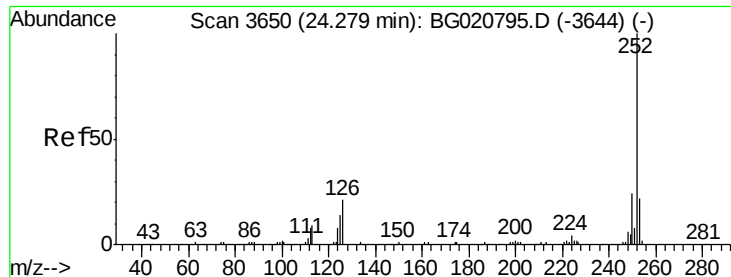
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#88
Benzo(b)fluoranthene
Concen: 5.04 ng/uL
RT: 24.21 min Scan# 3638
Delta R.T. 0.01 min
Lab File: BG020793.D
Acq: 4 Feb 2016 19:08

Tgt Ion:	252	Resp:	33540
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.4	26.0
125	17.1	4.9	7.3#





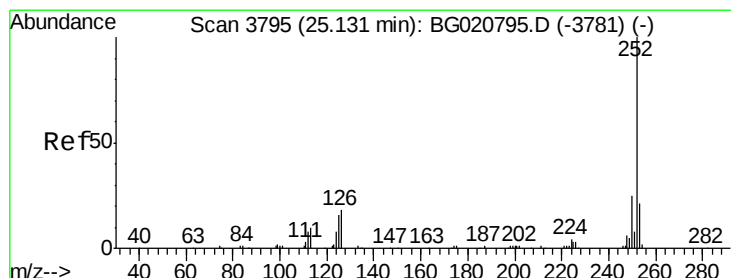
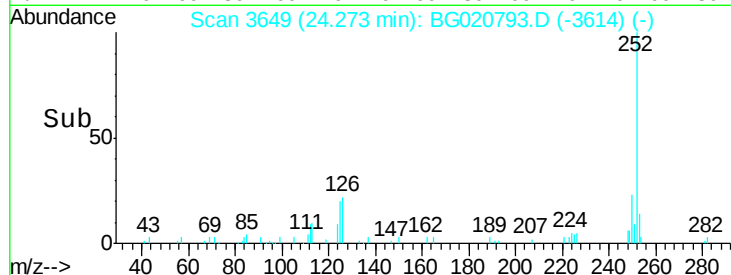
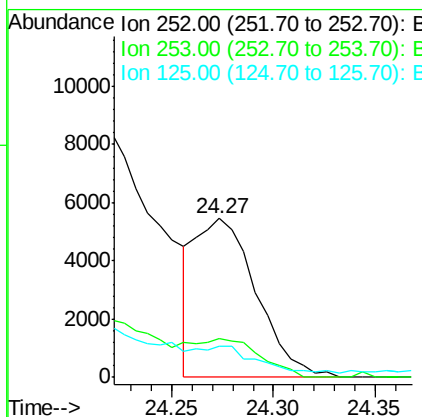
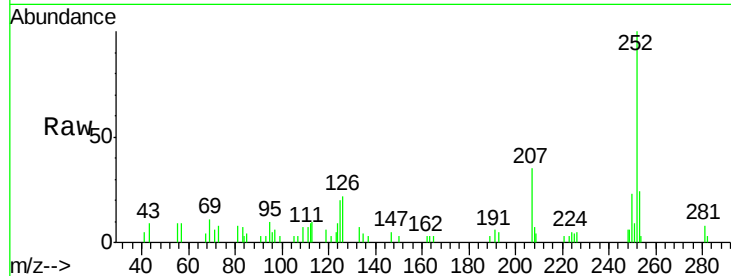
#89
Benzo(k)fluoranthene
Concen: 1.75 ng/ul m
RT: 24.27 min Scan# 3649
Delta R.T. 0.01 min
Lab File: BG020793.D
Acq: 4 Feb 2016 19:08

Instrument :
BNA_G
ClientSampleId :
BBG09

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	19.5	5.4	8.0#

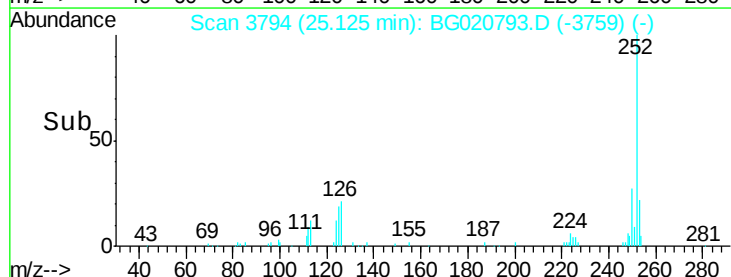
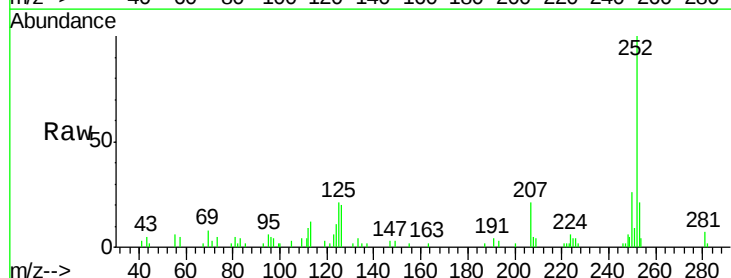
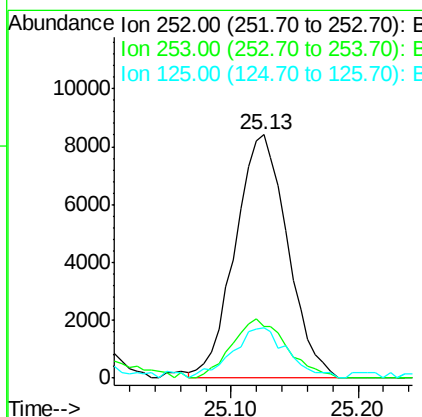
Manual Integrations
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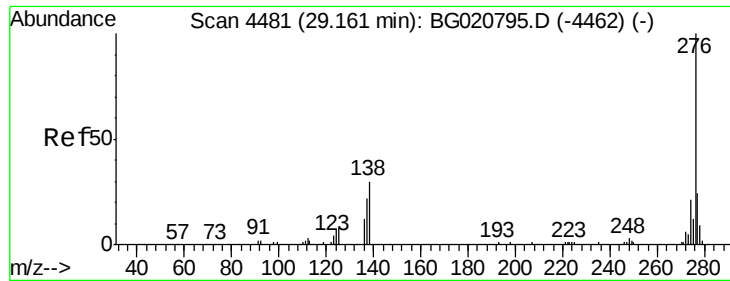
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#91
Benzo(a)pyrene
Concen: 3.79 ng/ul
RT: 25.13 min Scan# 3794
Delta R.T. 0.01 min
Lab File: BG020793.D
Acq: 4 Feb 2016 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	20.6	5.8	8.6#





#92

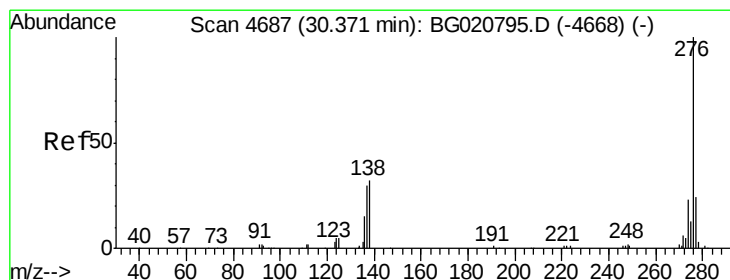
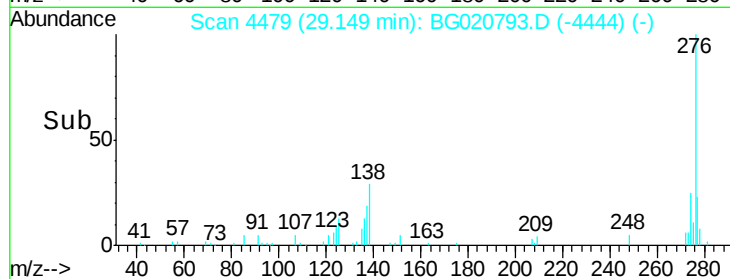
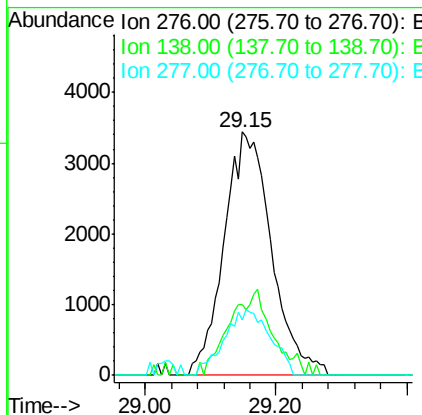
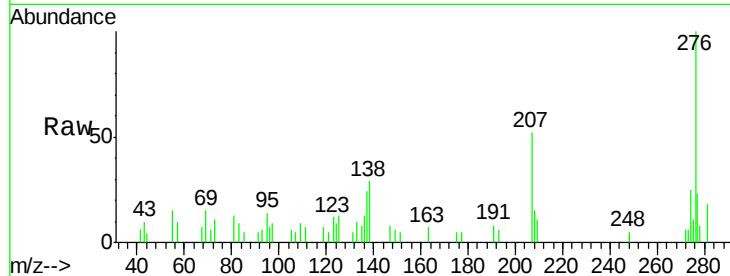
Indeno(1,2,3-cd)pyrene
Concen: 2.29 ng/ul m
RT: 29.15 min Scan# 4479
Delta R.T. 0.01 min
Lab File: BG020793.D
Acq: 4 Feb 2016 19:08

Instrument :
BNA_G
ClientSampleId :
BBG09

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	10.9	16.3#
277	22.6	18.9	28.3

Manual Integrations
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#94

Benzo(g,h,i)perylene
Concen: 2.57 ng/ul m
RT: 30.37 min Scan# 4687
Delta R.T. 0.02 min
Lab File: BG020793.D
Acq: 4 Feb 2016 19:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.1	11.2	16.8#
277	26.3	19.0	28.6

