

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
 Data File : BG020823.D
 Acq On : 9 Feb 2016 18:45
 Operator : SJ/UM
 Sample : H1371-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04L6

Manual Integrations
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 2/10/2016 1:46:55 PM

Quant Time: Feb 10 00:55:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 10 00:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	25654	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	130724	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	71222	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	131603	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	114108	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	109081	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1214	2.30	ng/uL	0.00
5) Phenol-d5	7.41	99	27675	10.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	18419	13.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	17080	8.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	18947	8.39	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	14982	14.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	4346	4.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	12797	6.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	35791	13.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	88416	14.43	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	115613	15.44	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.87	176	76131	14.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.72	188	103576	15.93	ng/ul	0.00
79) Pyrene-d10	19.98	212	96811	16.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	96132	15.90	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.33	163	39245	6.15	ng/ul	96
70) Phenanthrene	17.66	178	28557	3.44	ng/ul	96
77) Fluoranthene	19.66	202	45876	5.35	ng/ul	97
80) Pyrene	20.01	202	45953	5.58	ng/ul	99
83) Benzo(a)anthracene	21.89	228	18628	2.50	ng/ul#	92
85) Chrysene	21.95	228	29195	4.26	ng/ul#	95
88) Benzo(b)fluoranthene	24.22	252	34637	4.66	ng/ul#	87
89) Benzo(k)fluoranthene	24.28	252	11723m	1.65	ng/ul	
91) Benzo(a)pyrene	25.13	252	20836	2.96	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	29.18	276	20589m	2.54	ng/ul	
94) Benzo(g,h,i)perylene	30.38	276	21869m	3.30	ng/ul	

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

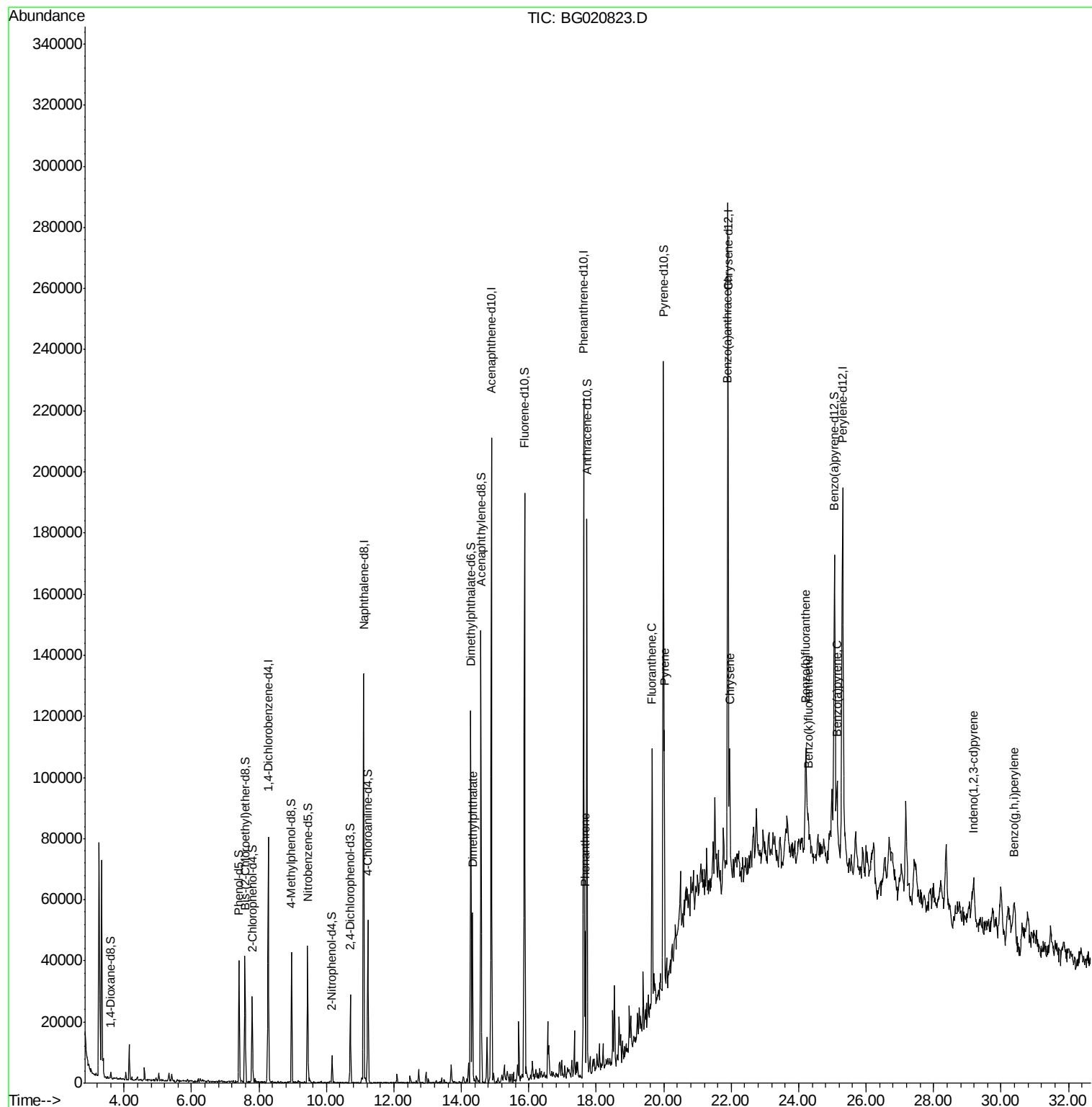
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020823.D
Acq On : 9 Feb 2016 18:45
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ALS Vial : 12 Sample Multiplier: 1

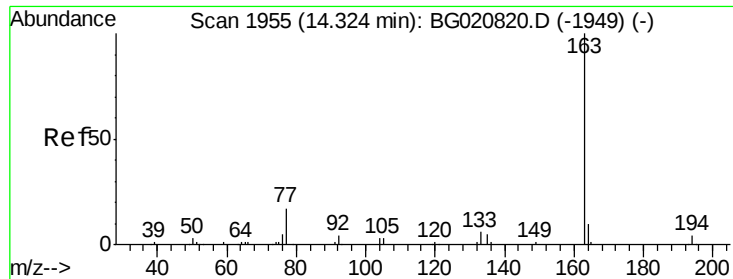
Instrument :
BNA_G
ClientSampled :
C04L6

Manual Integrations
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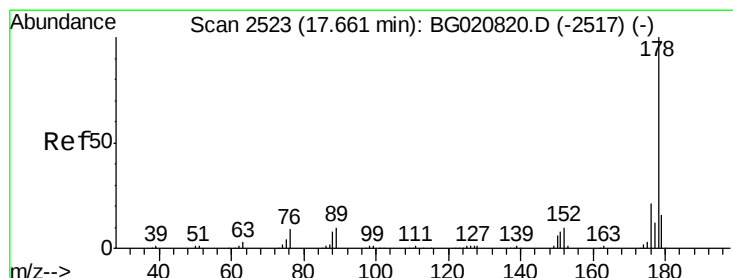
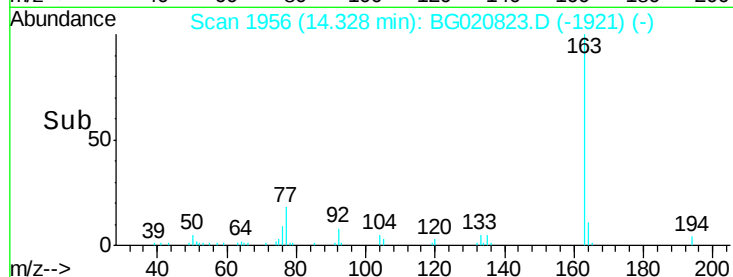
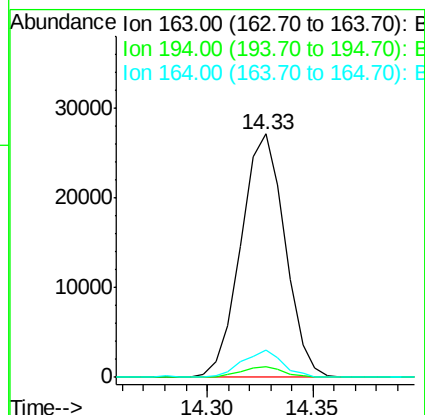
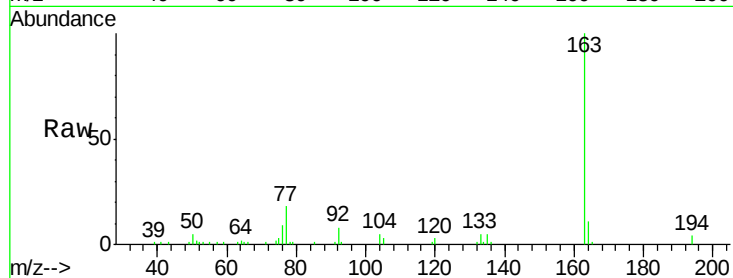
#45
Dimethylphthalate
Concen: 6.15 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020823.D
Acq: 9 Feb 2016 18:45

Instrument :
BNA_G
ClientSampleId :
C04L6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	39245		
194	4.3		3.0	4.6
164	11.2		7.7	11.5

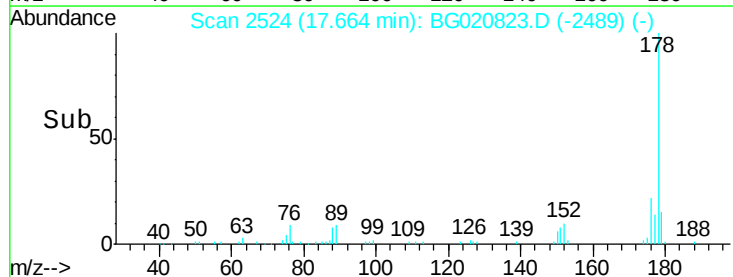
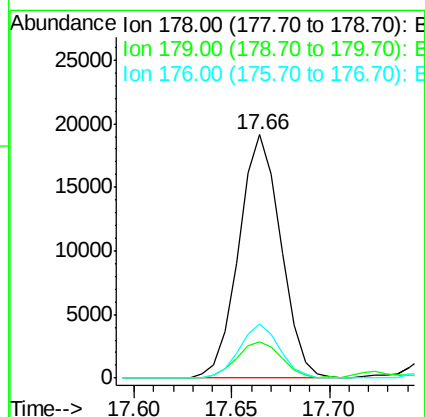
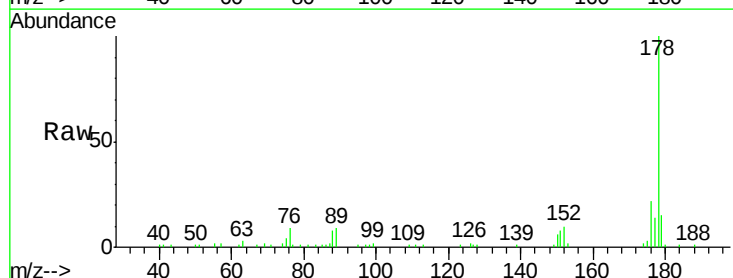
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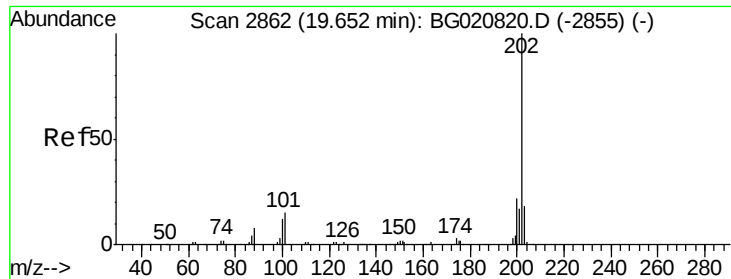
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#70
Phenanthrene
Concen: 3.44 ng/ul
RT: 17.66 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG020823.D
Acq: 9 Feb 2016 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	28557		
179	14.8		12.6	19.0
176	22.2		16.0	24.0





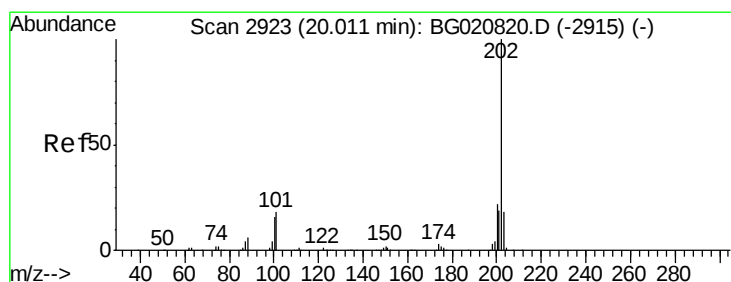
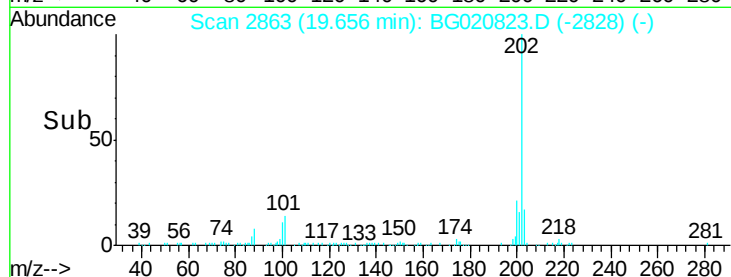
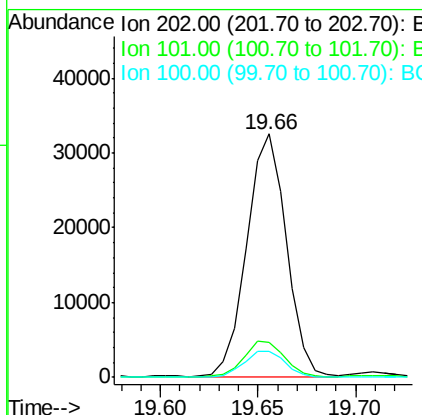
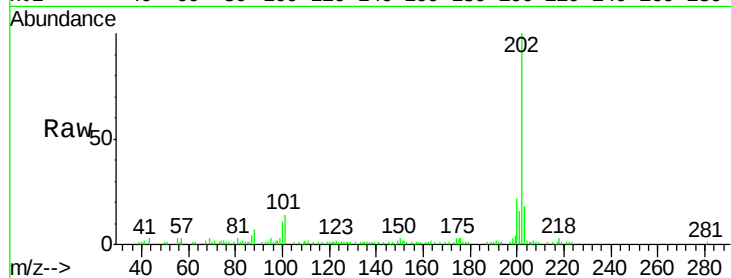
#77
 Fluoranthene
 Concen: 5.35 ng/ul
 RT: 19.66 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: BG020823.D
 Acq: 9 Feb 2016 18:45

Instrument :
 BNA_G
 ClientSampleId :
 C04L6

Tot Ion:	202	Resp:	45876
Ion Ratio	Lower	Upper	
202	100		
101	14.3	12.5	18.7
100	10.9	9.9	14.9

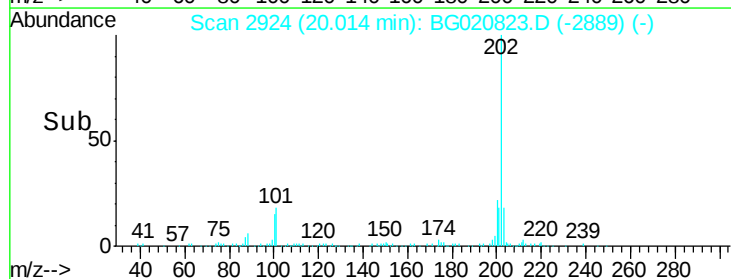
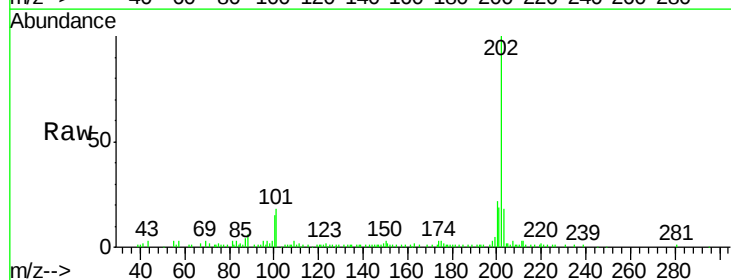
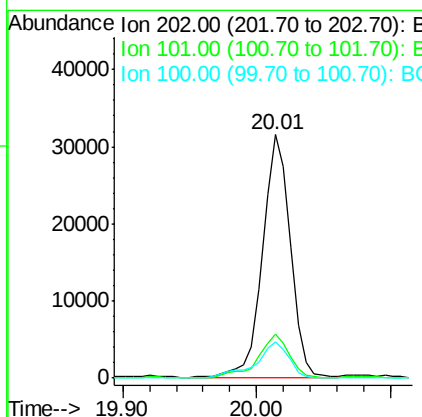
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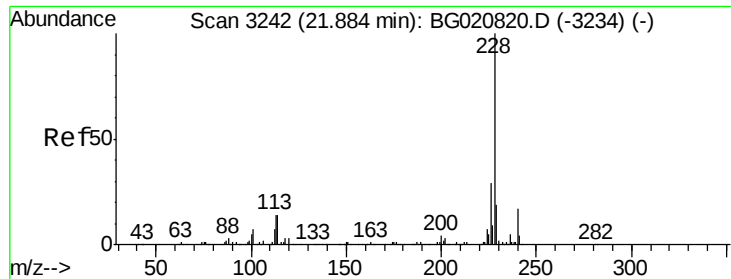
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#80
 Pyrene
 Concen: 5.58 ng/ul
 RT: 20.01 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG020823.D
 Acq: 9 Feb 2016 18:45

Tgt Ion:	202	Resp:	45953
Ion Ratio	Lower	Upper	
202	100		
101	17.9	13.5	20.3
100	14.8	11.7	17.5





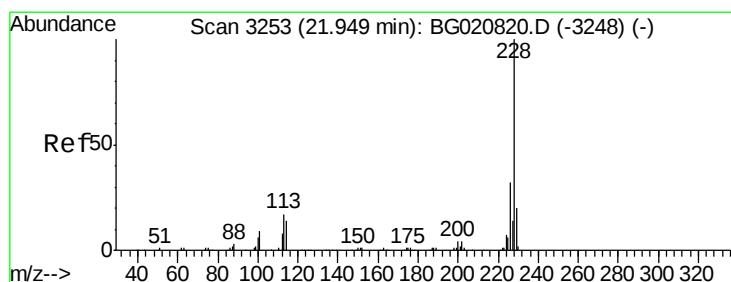
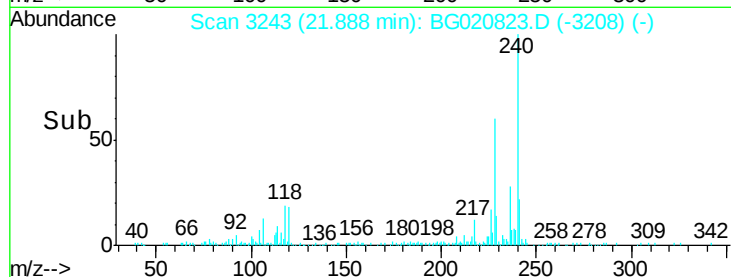
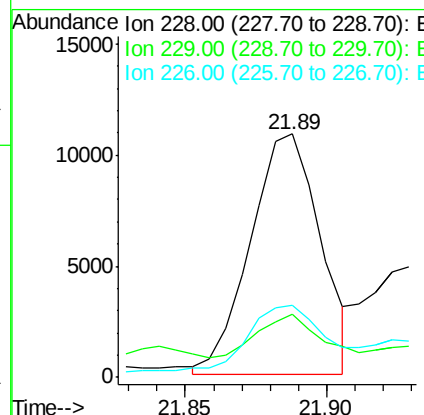
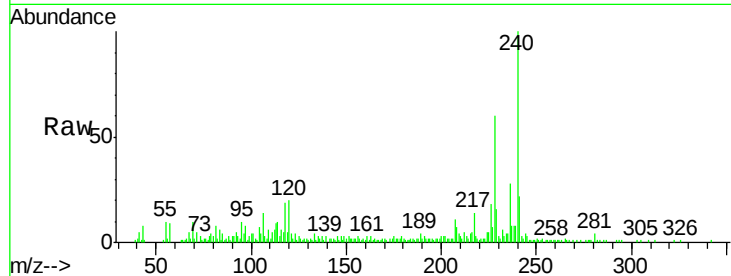
#83
Benzo(a)anthracene
Concen: 2.50 ng/ul
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG020823.D
Acq: 9 Feb 2016 18:45

Instrument :
BNA_G
ClientSampled :
C04L6

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.9	14.8	22.2#
226	29.8	23.0	34.4

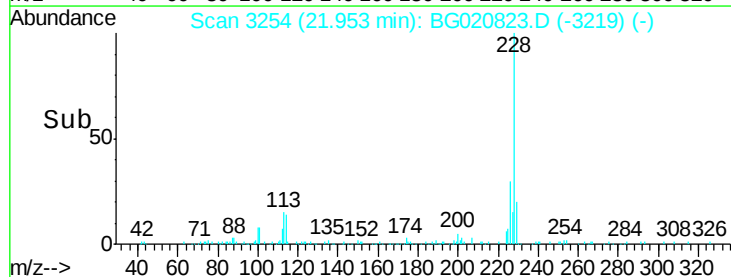
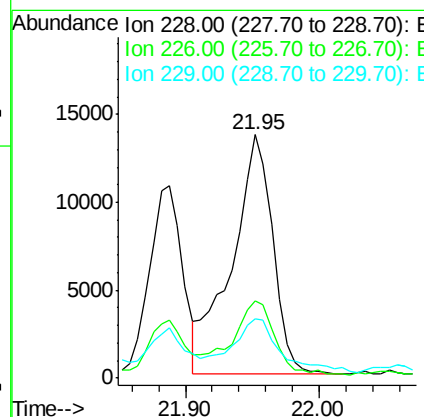
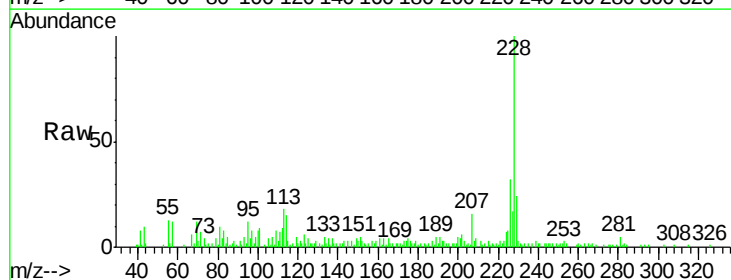
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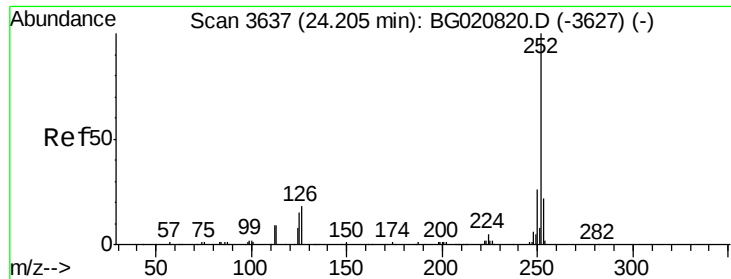
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#85
Chrysene
Concen: 4.26 ng/ul
RT: 21.95 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BG020823.D
Acq: 9 Feb 2016 18:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	24.1	15.8	23.6#





#88

Benzo(b)fluoranthene

Concen: 4.66 ng/ul

RT: 24.22 min Scan# 3640

Delta R.T. 0.02 min

Lab File: BG020823.D

Acq: 9 Feb 2016 18:45

Instrument :

BNA_G

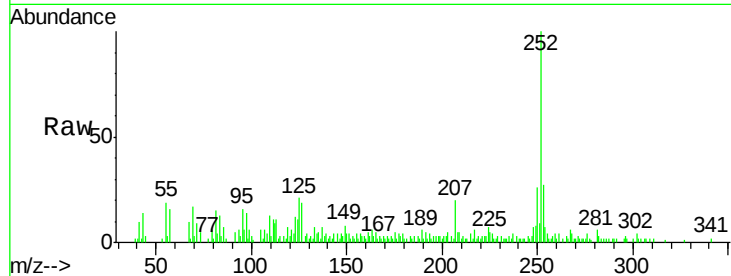
ClientSampleId :

C04L6

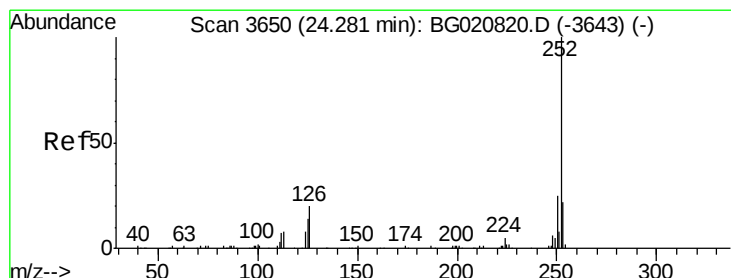
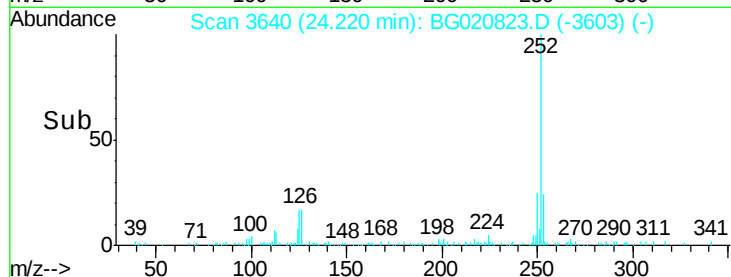
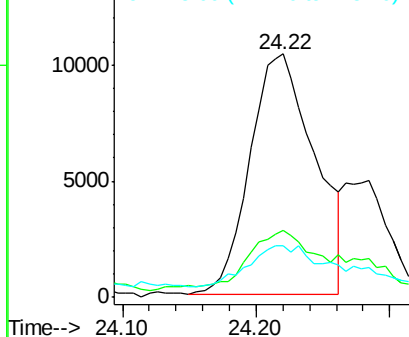
Tot Ion:	252	Resp:	34637
Ion Ratio	Lower	Upper	
252	100		
253	27.3	17.1	25.7#
125	21.3	12.5	18.7#

Manual Integrations
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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: 1.65 ng/ul m

RT: 24.28 min Scan# 3651

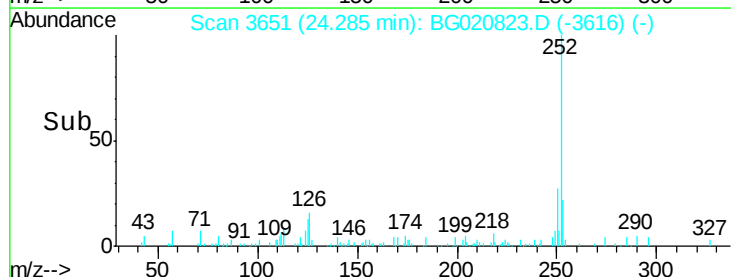
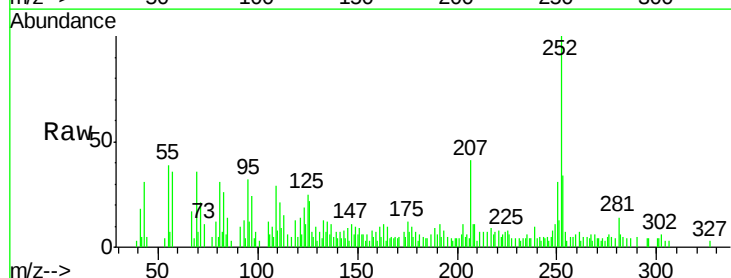
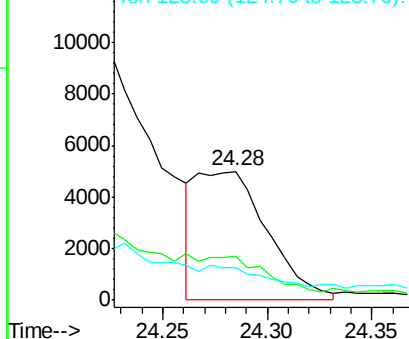
Delta R.T. 0.00 min

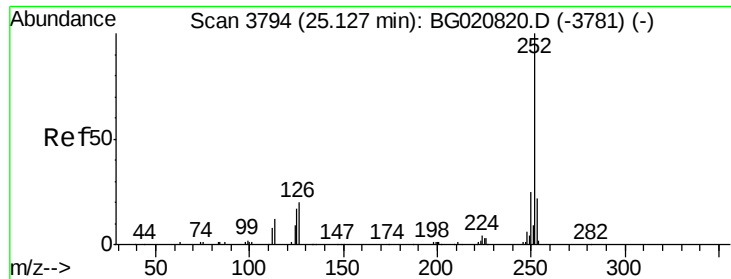
Lab File: BG020823.D

Acq: 9 Feb 2016 18:45

Tgt Ion:	252	Resp:	11723
Ion Ratio	Lower	Upper	
252	100		
253	33.7	17.1	25.7#
125	25.4	12.1	18.1#

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





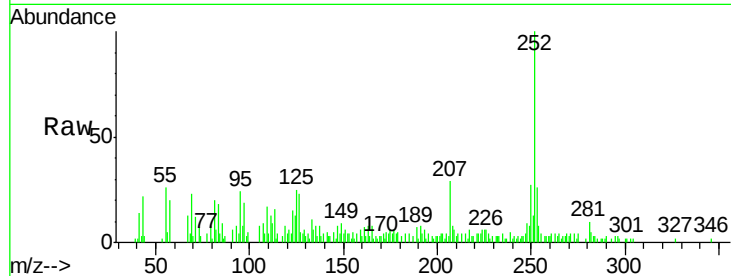
#91
Benzo(a)pyrene
Concen: 2.96 ng/ul
RT: 25.13 min Scan# 3795
Delta R.T. 0.00 min
Lab File: BG020823.D
Acq: 9 Feb 2016 18:45

Instrument :
BNA_G
ClientSampleId :
C04L6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.3	25.9#
125	24.7	14.2	21.2#

Manual Integrations
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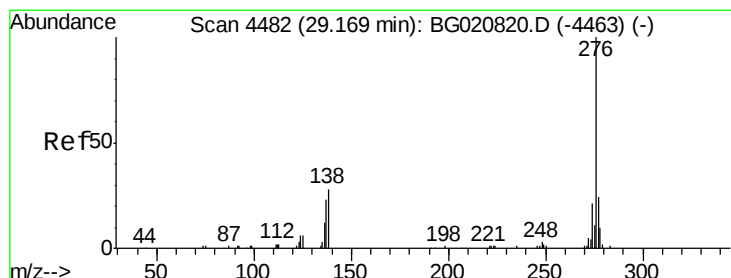
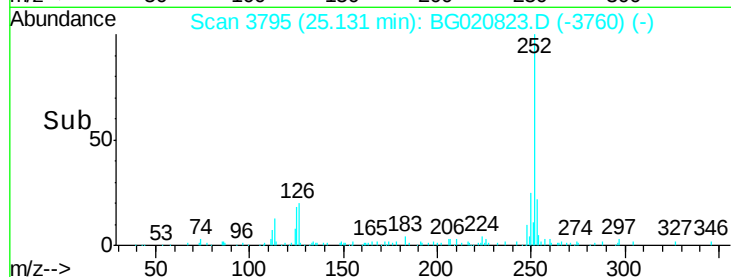
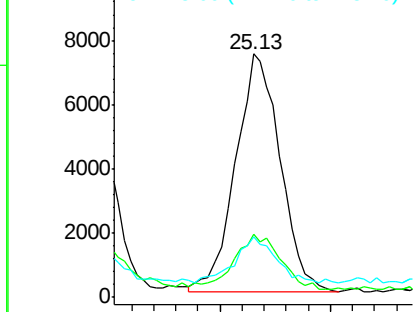


Abundance

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



#92
Indeno(1,2,3-cd)pyrene
Concen: 2.54 ng/ul m
RT: 29.18 min Scan# 4484
Delta R.T. 0.01 min
Lab File: BG020823.D
Acq: 9 Feb 2016 18:45

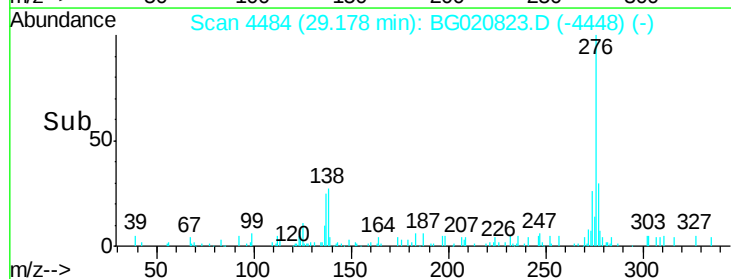
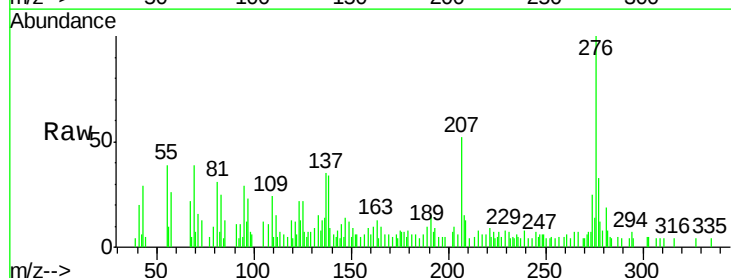
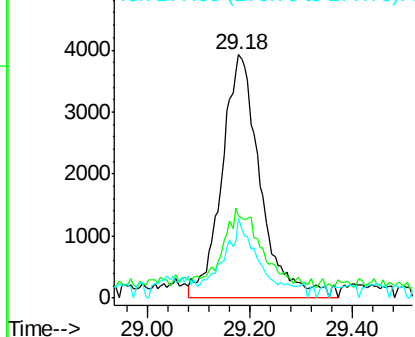
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	22.4	33.6
277	32.7	18.5	27.7#

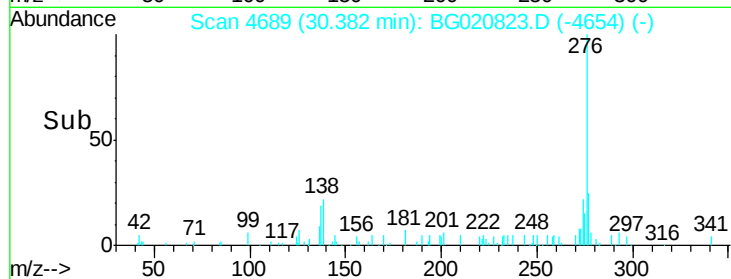
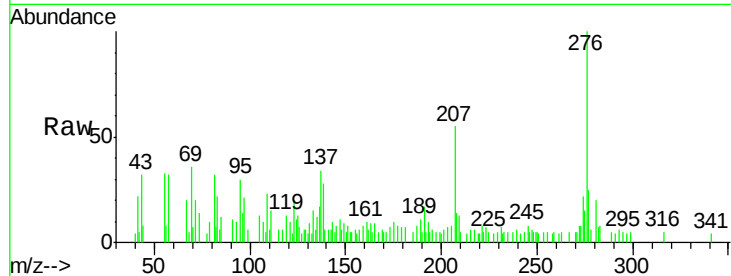
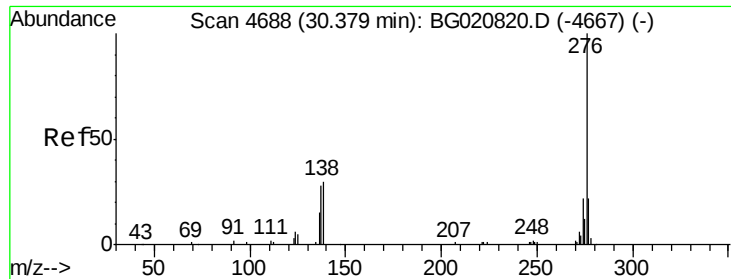
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 3.30 ng/ul m

RT: 30.38 min Scan# 4689

Delta R.T. 0.00 min

Lab File: BG020823.D

Acq: 9 Feb 2016 18:45

Instrument :

BNA_G

ClientSampleId :

C04L6

Tot Ion:	276	Resp:	21869
Ion Ratio	Lower	Upper	
276	100		
138	27.6	24.4	36.6
277	24.6	18.7	28.1

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