

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
 Data File : BG019519.D
 Acq On : 6 Nov 2015 19:31
 Operator : UM/NP
 Sample : G4245-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY52

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 6:49:43 PM

Quant Time: Nov 09 15:34:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 23:58:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	44451	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	194585m	20.00	ng/ul	0.06
36) Acenaphthene-d10	14.81	164	138574	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	351099	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	455052	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	438847	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	678m	0.73	ng/uL	0.00
5) Phenol-d5	7.33	99	23948	5.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	81097	31.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	57064	22.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	43588	13.41	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	49853	34.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	48824	28.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	88877	24.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	82910	22.25	ng/ul	0.03
44) Dimethylphthalate-d6	14.21	166	344145	30.12	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	392932	31.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	19131	10.54	ng/ul	0.00
58) Fluorene-d10	15.80	176	312304	29.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	58338	25.67	ng/ul	0.00
71) Anthracene-d10	17.66	188	505495	31.58	ng/ul	0.00
79) Pyrene-d10	19.92	212	592305	29.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	687998	31.24	ng/ul	0.00

Target Compounds

						Ovalue
16) 4-Methylphenol	8.95	108	6211	1.77	ng/ul#	66
24) 2,4-Dimethylphenol	10.21	107	30779m	6.11	ng/ul	
28) Naphthalene	11.16	128	15448247	1586.71	ng/ul#	1
34) 2-Methylnaphthalene	12.66	142	1137108	145.34	ng/ul	99
35) 1-Methylnaphthalene	12.89	142	2679491	361.96	ng/ul	97
41) 1,1'-Biphenyl	13.65	154	1132305	115.59	ng/ul#	91
48) Acenaphthylene	14.54	152	153644	11.85	ng/ul#	91
50) Acenaphthene	14.89	153	2709408	309.51	ng/ul#	92
54) Dibenzofuran	15.22	168	2665493	206.76	ng/ul#	77
59) Fluorene	15.86	166	1807476	160.72	ng/ul#	95
70) Phenanthrene	17.60	178	2540049m	143.34	ng/ul	
72) Anthracene	17.69	178	192515	10.66	ng/ul	96
75) Carbazole	17.97	167	3141761	217.99	ng/ul#	73
77) Fluoranthene	19.60	202	291642	12.71	ng/ul#	96
80) Pyrene	19.95	202	162339	6.36	ng/ul#	91

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

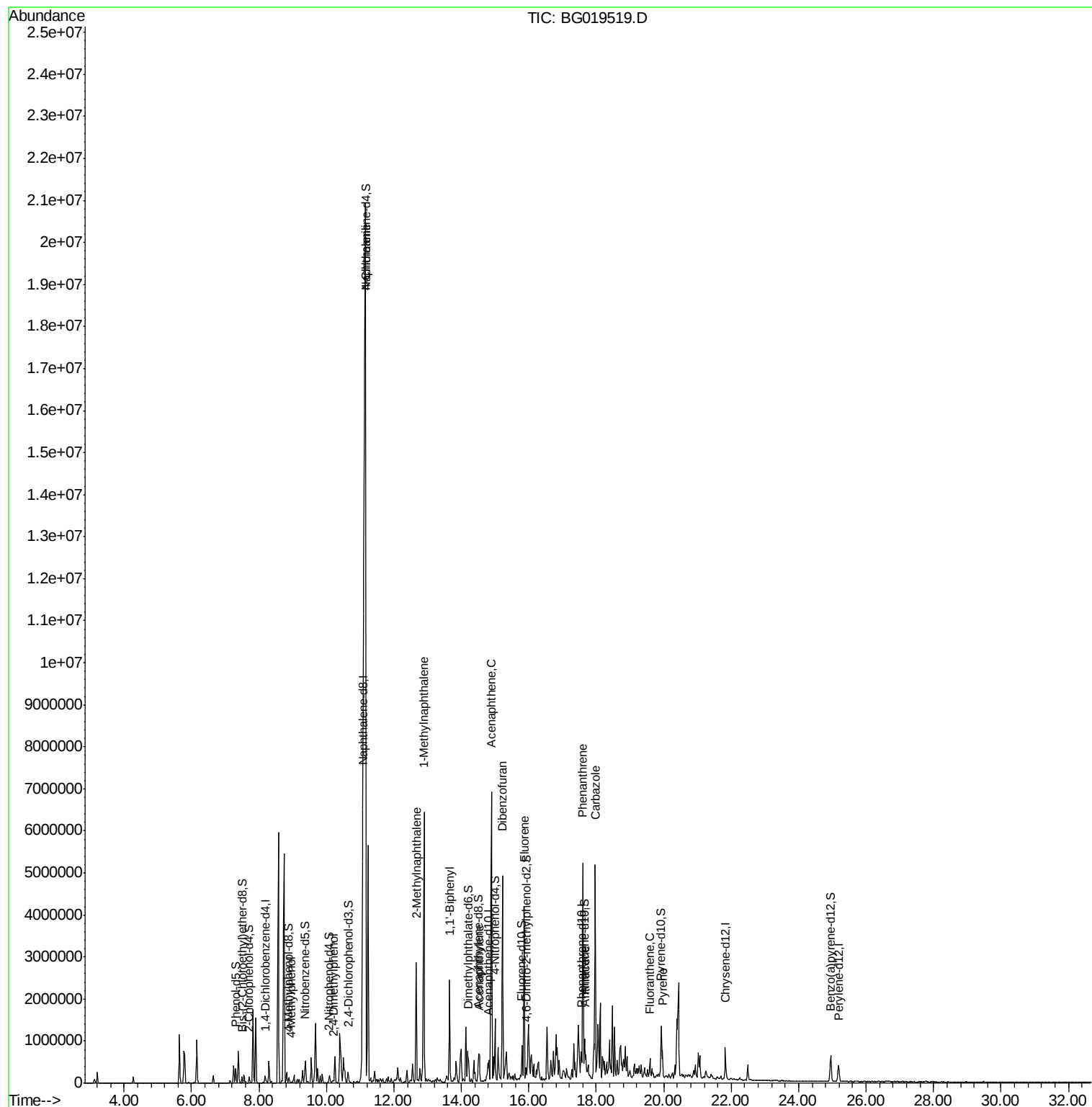
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019519.D
Acq On : 6 Nov 2015 19:31
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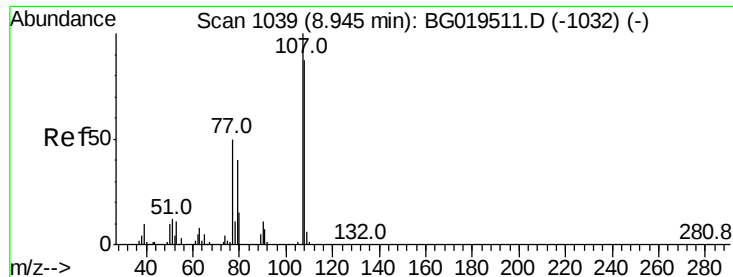
Instrument :
BNA_G
ClientSampleId :
BCY52

Manual Integrations
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Quant Time: Nov 09 15:34:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
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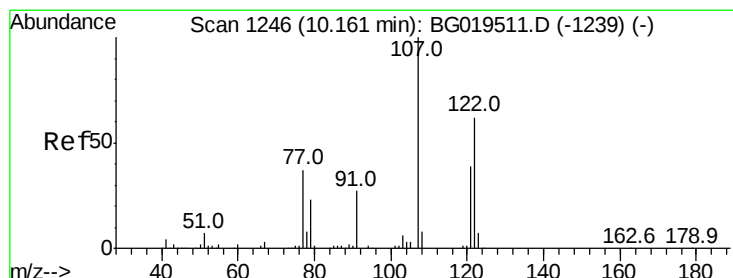
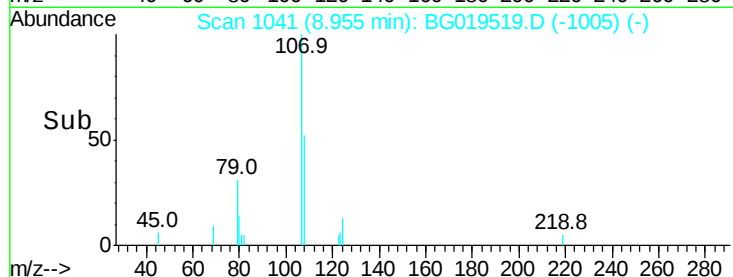
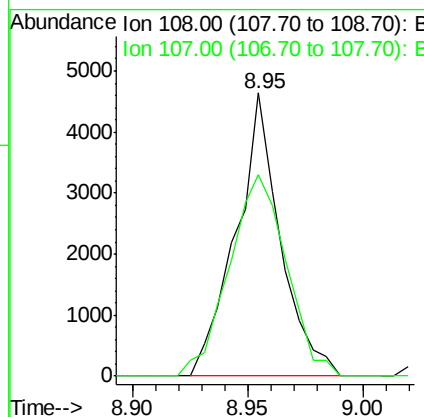
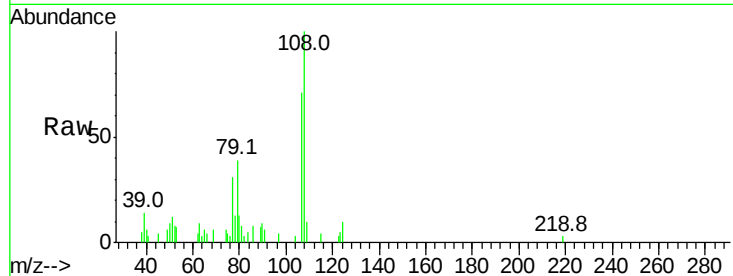
#16
4-Methylphenol
Concen: 1.77 ng/ul
RT: 8.95 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tot Ion:108 Resp: 6211
Ion Ratio Lower Upper
108 100
107 71.2 85.4 128.2#

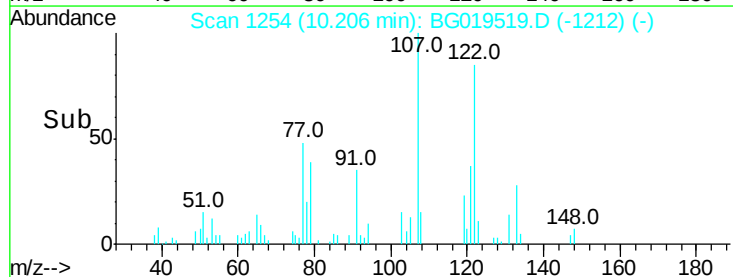
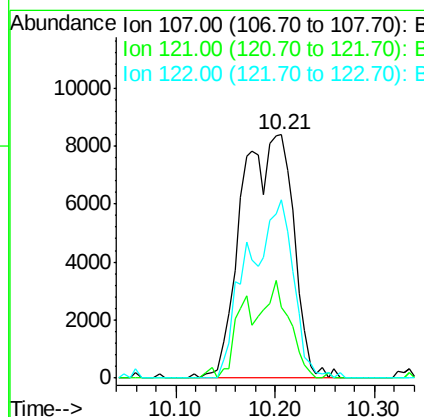
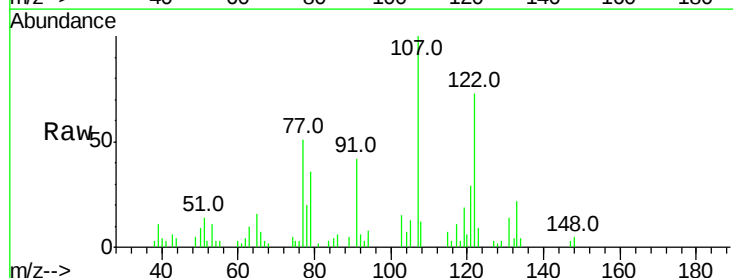
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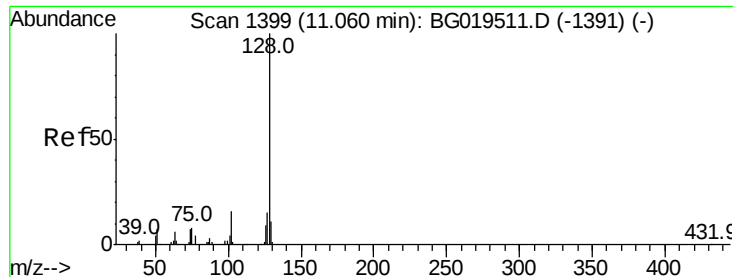
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#24
2,4-Dimethylphenol
Concen: 6.11 ng/ul m
RT: 10.21 min Scan# 1254
Delta R.T. 0.05 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:107 Resp: 30779
Ion Ratio Lower Upper
107 100
121 29.1 33.0 49.4#
122 73.3 54.2 81.2





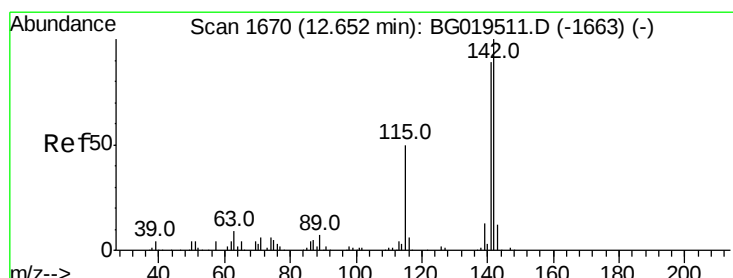
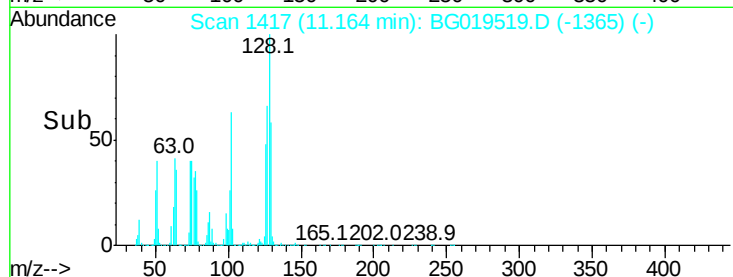
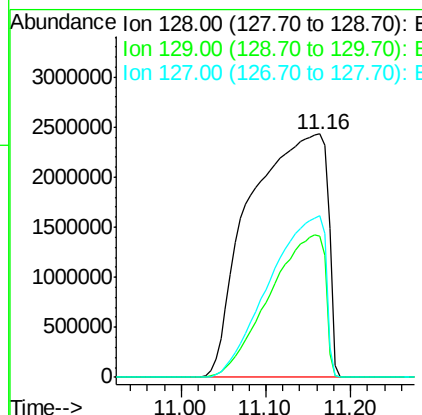
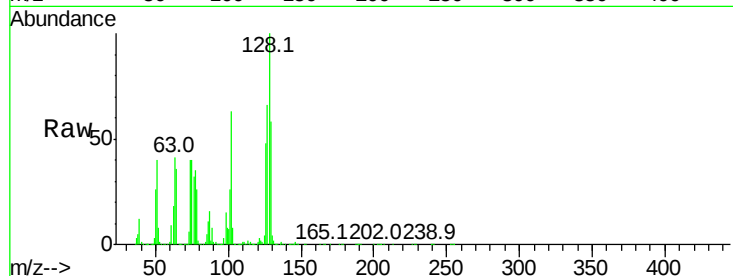
#28
Naphthalene
Concen: 1586.71 ng/ul
RT: 11.16 min Scan# 1417
Delta R.T. 0.10 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tot Ion:128 Resp:15448247
Ion Ratio Lower Upper
128 100
129 58.2 8.9 13.3#
127 66.2 13.1 19.7#

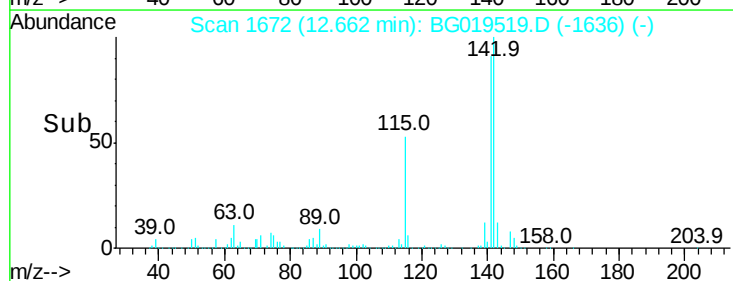
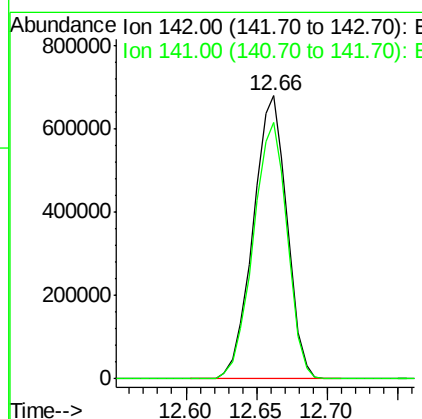
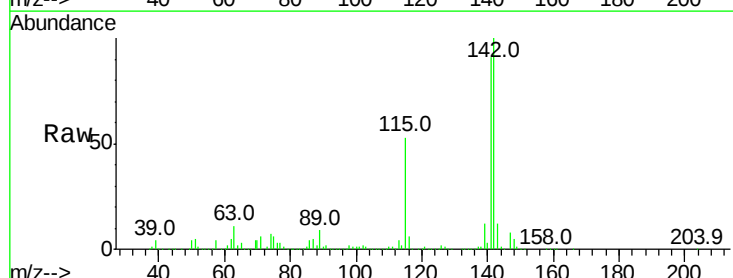
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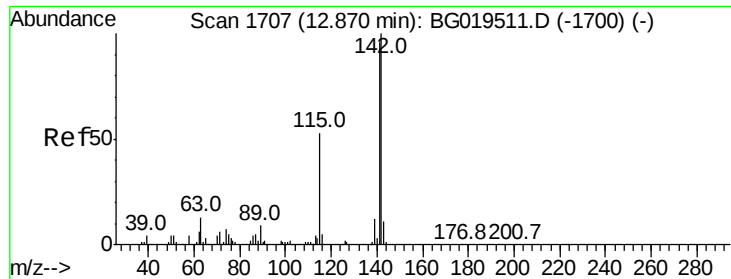
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#34
2-Methylnaphthalene
Concen: 145.34 ng/ul
RT: 12.66 min Scan# 1672
Delta R.T. 0.01 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:142 Resp: 1137108
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.2





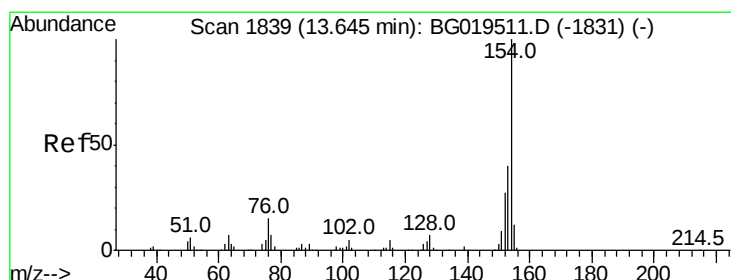
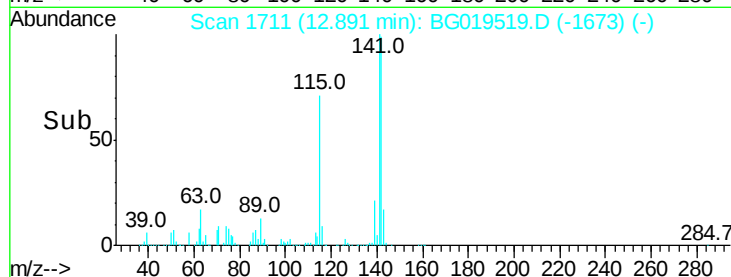
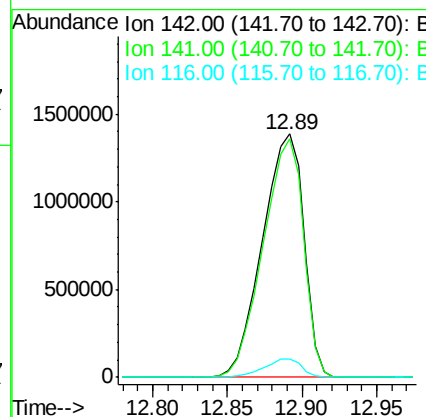
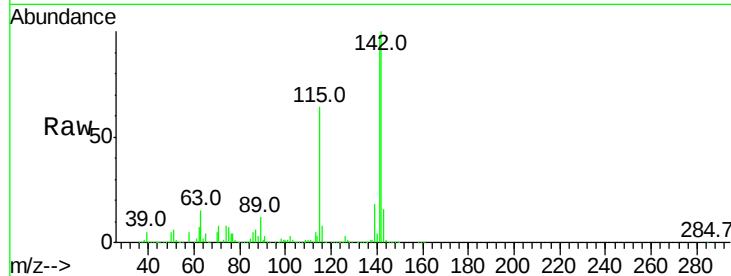
#35
 1-Methylnaphthalene
 Concen: 361.96 ng/ul
 RT: 12.89 min Scan# 1711
 Delta R.T. 0.02 min
 Lab File: BG019519.D
 Acq: 6 Nov 2015 19:31

Instrument :
 BNA_G
 ClientSampleId :
 BCY52

Tot Ion	Ratio	Lower	Upper
142	100		
141	98.1	76.5	114.7
116	7.7	5.4	8.0

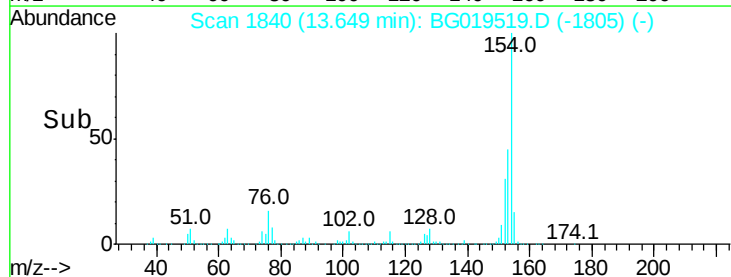
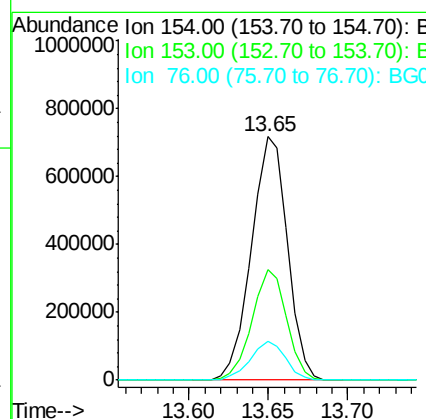
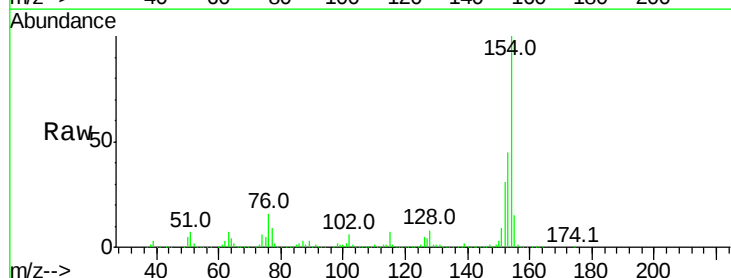
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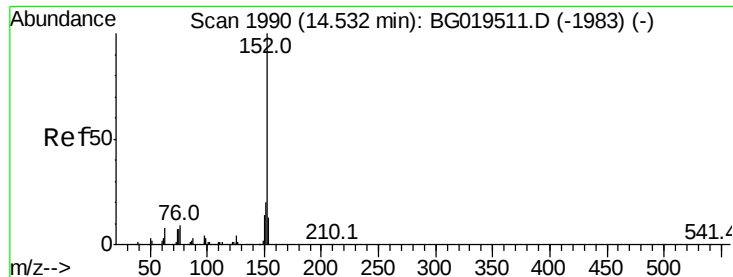
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#41
 1,1'-Biphenyl
 Concen: 115.59 ng/ul
 RT: 13.65 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG019519.D
 Acq: 6 Nov 2015 19:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.2	32.8	49.2
76	16.1	7.7	11.5





#48

Acenaphthylene

Concen: 11.85 ng/ul

RT: 14.54 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG019519.D

Acq: 6 Nov 2015 19:31

Instrument :

BNA_G

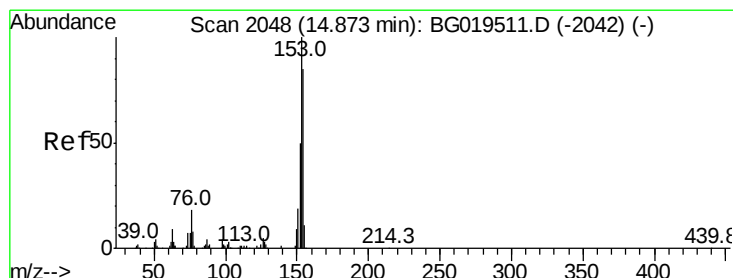
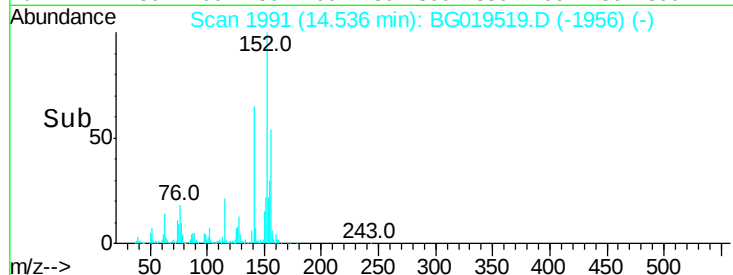
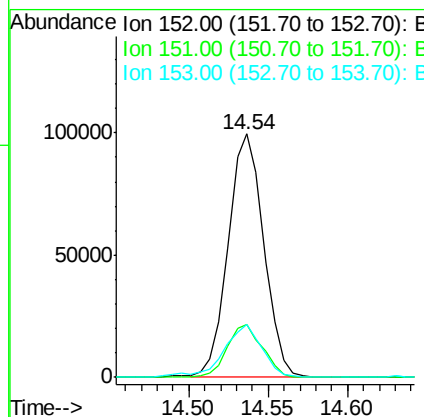
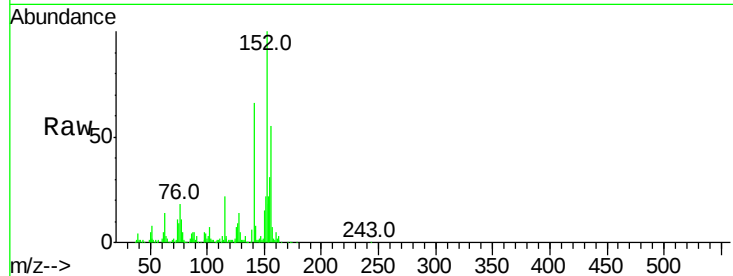
ClientSampleId :

BCY52

Tot Ion:	152	Resp:	153644
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.9	25.3
153	21.9	10.8	16.2#

Manual Integrations
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#50

Acenaphthene

Concen: 309.51 ng/ul

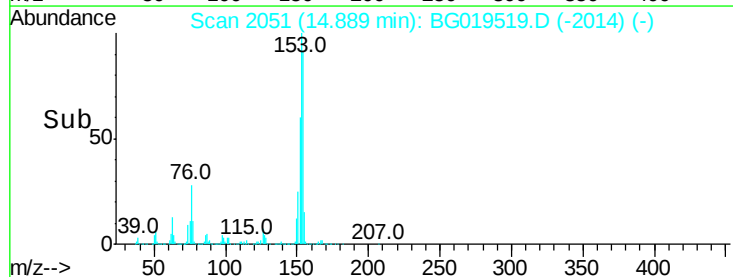
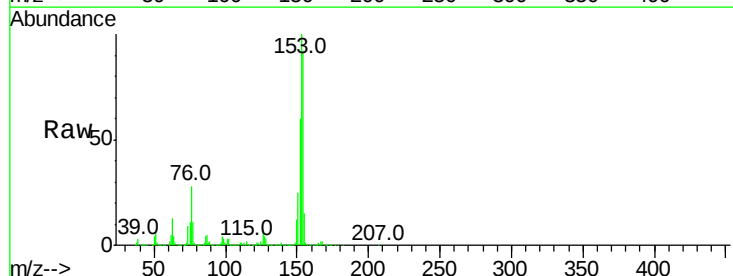
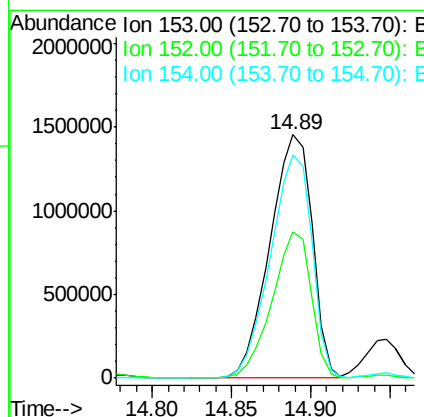
RT: 14.89 min Scan# 2051

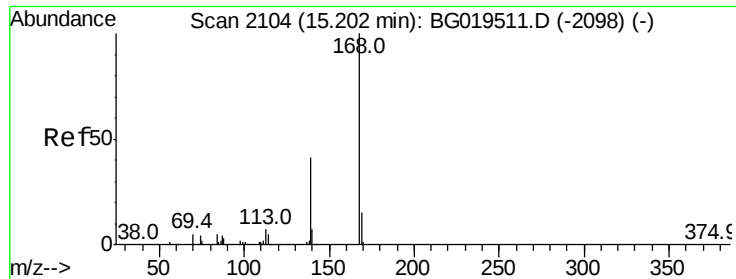
Delta R.T. 0.02 min

Lab File: BG019519.D

Acq: 6 Nov 2015 19:31

Tgt Ion:	153	Resp:	2709408
Ion Ratio	Lower	Upper	
153	100		
152	60.3	38.8	58.2#
154	91.5	71.5	107.3





#54

Dibenzenofuran

Concen: 206.76 ng/ul

RT: 15.22 min Scan# 2107

Delta R.T. 0.02 min

Lab File: BG019519.D

Acq: 6 Nov 2015 19:31

Instrument :

BNA_G

ClientSampleId :

BCY52

Tot Ion:168 Resp: 2665493

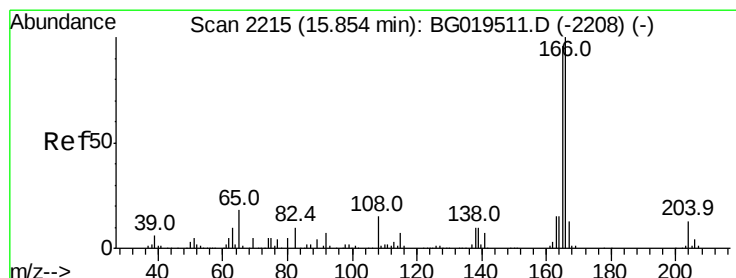
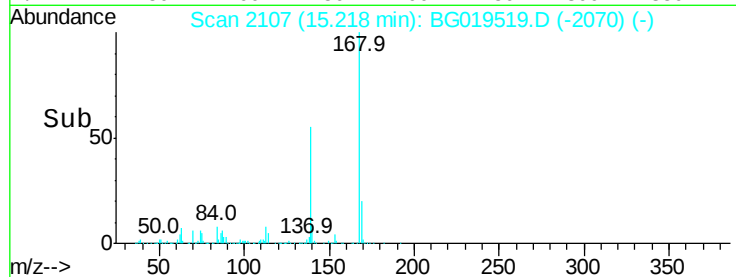
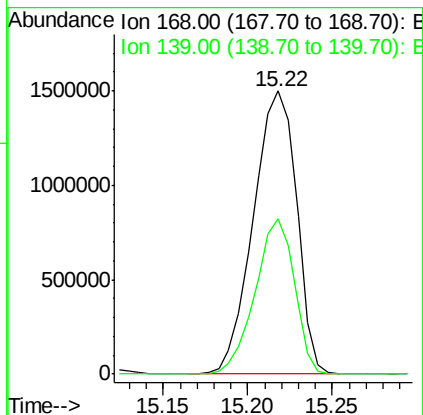
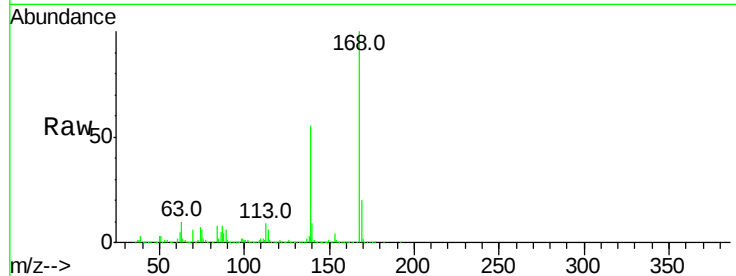
Ion Ratio Lower Upper

168 100

139 54.8 32.4 48.6#

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#59

Fluorene

Concen: 160.72 ng/ul

RT: 15.86 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BG019519.D

Acq: 6 Nov 2015 19:31

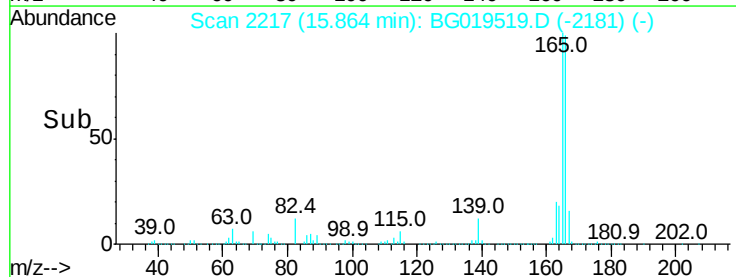
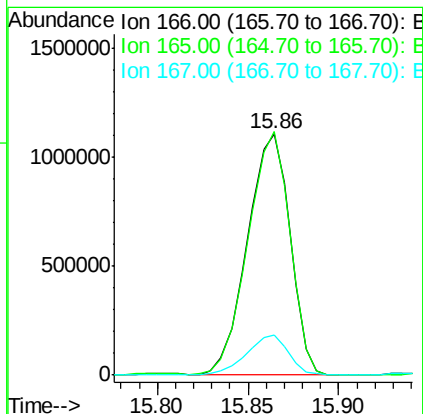
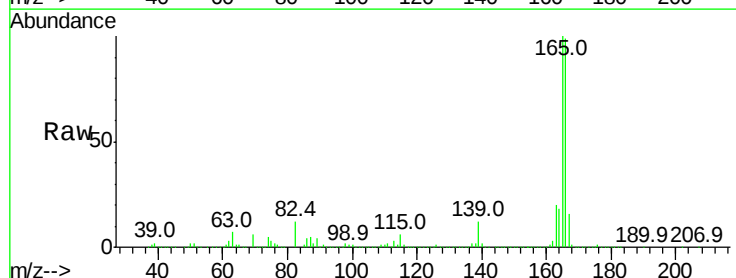
Tgt Ion:166 Resp: 1807476

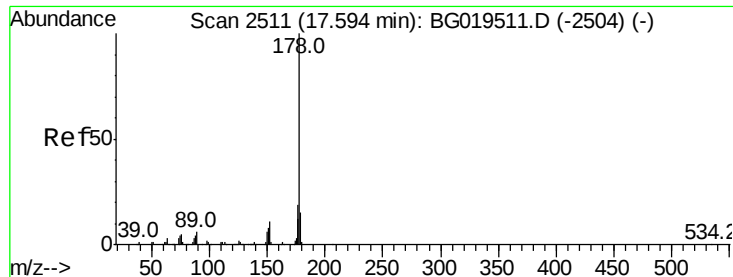
Ion Ratio Lower Upper

166 100

165 100.8 77.6 116.4

167 16.4 9.6 14.4#





#70

Phenanthrene

Concen: 143.34 ng/ul m

RT: 17.60 min Scan# 2513

Delta R.T. 0.01 min

Lab File: BG019519.D

Acq: 6 Nov 2015 19:31

Instrument :

BNA_G

ClientSampleId :

BCY52

Tot Ion:178 Resp: 2540049

Ion Ratio Lower Upper

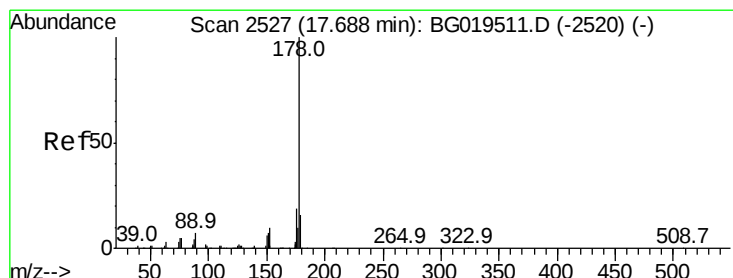
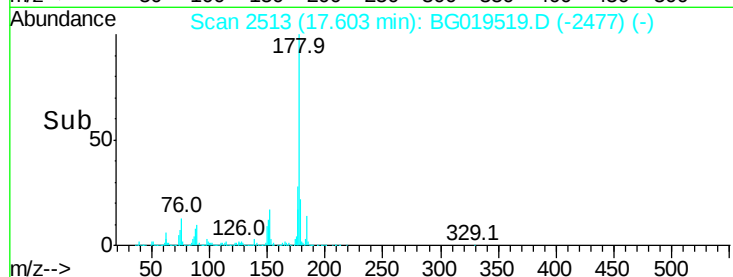
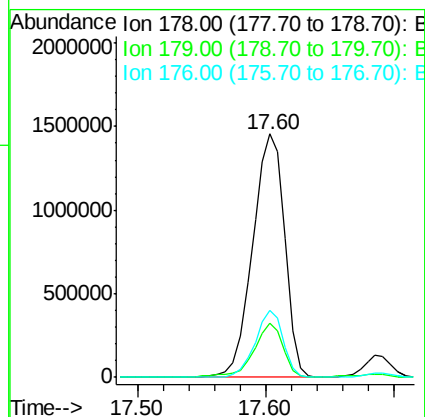
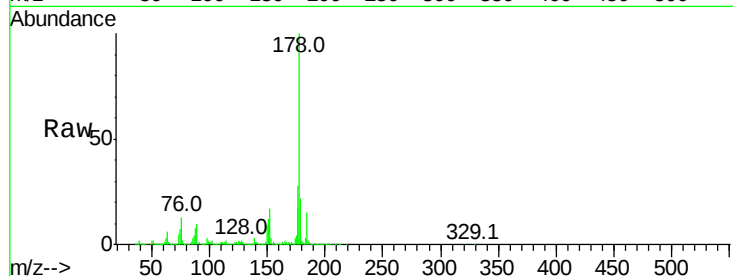
178 100

179 22.3 12.6 18.8#

176 27.5 14.3 21.5#

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#72

Anthracene

Concen: 10.66 ng/ul

RT: 17.69 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG019519.D

Acq: 6 Nov 2015 19:31

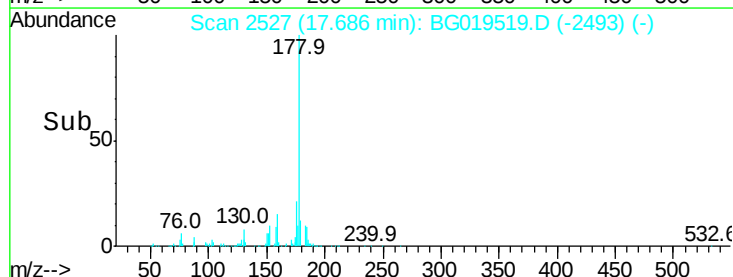
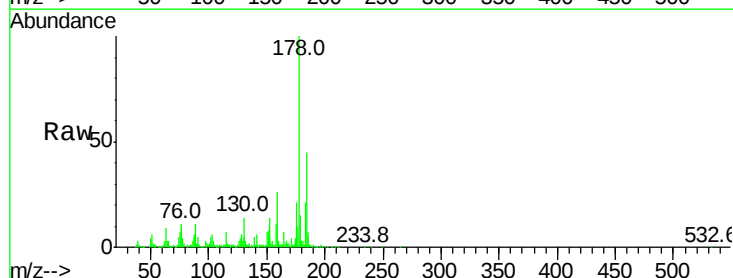
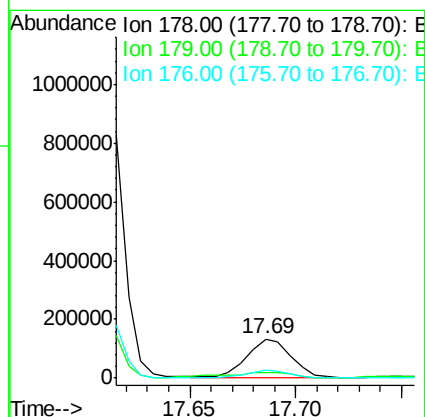
Tgt Ion:178 Resp: 192515

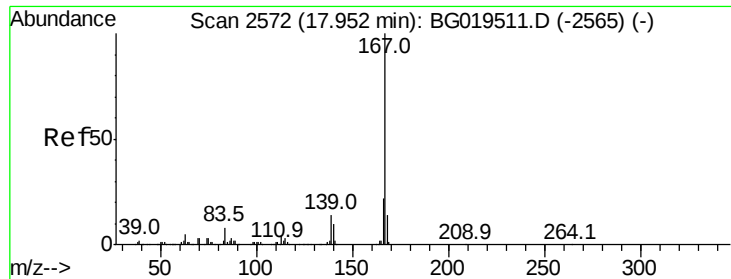
Ion Ratio Lower Upper

178 100

179 15.1 11.6 17.4

176 20.8 14.2 21.4





#75

Carbazole

Concen: 217.99 ng/ul

RT: 17.97 min Scan# 2576

Delta R.T. 0.02 min

Lab File: BG019519.D

Acq: 6 Nov 2015 19:31

Instrument :

BNA_G

ClientSampleId :

BCY52

Tot Ion:167 Resp: 3141761

Ion Ratio Lower Upper

167 100

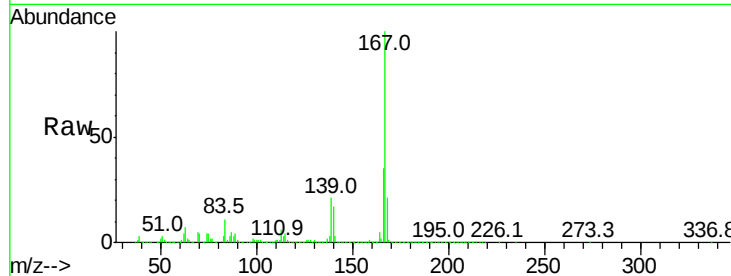
166 35.0 16.8 25.2#

139 21.0 9.8 14.6#

Manual Integrations
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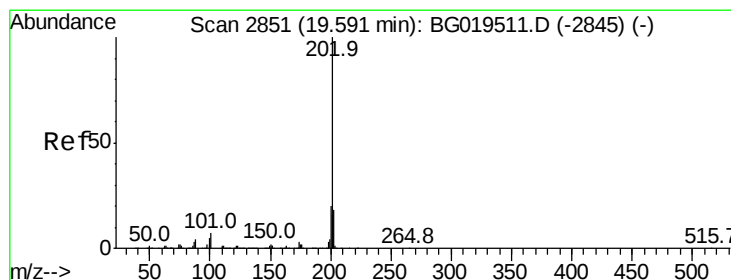
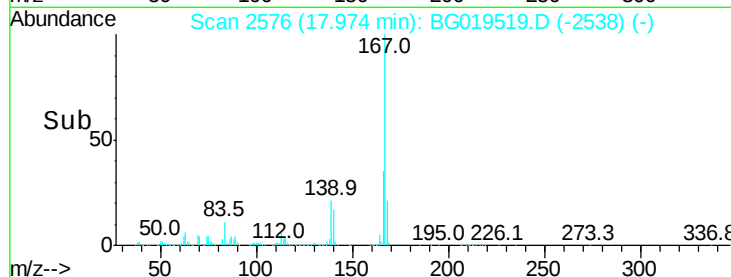
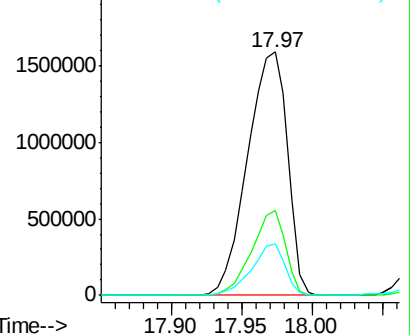
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 12.71 ng/ul

RT: 19.60 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG019519.D

Acq: 6 Nov 2015 19:31

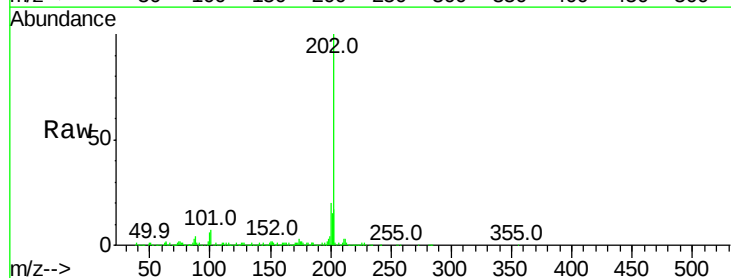
Tgt Ion:202 Resp: 291642

Ion Ratio Lower Upper

202 100

101 6.5 4.0 6.0#

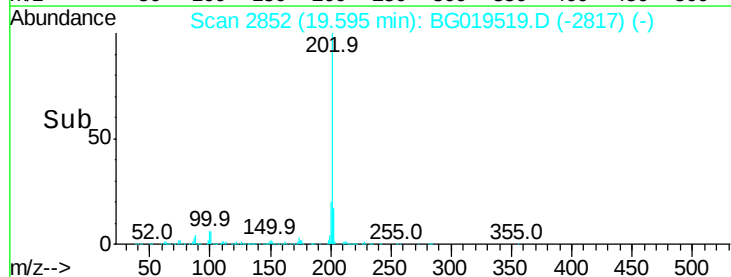
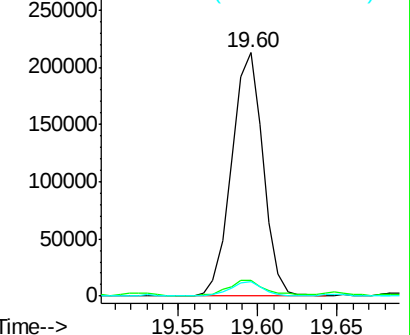
100 5.9 3.6 5.4#

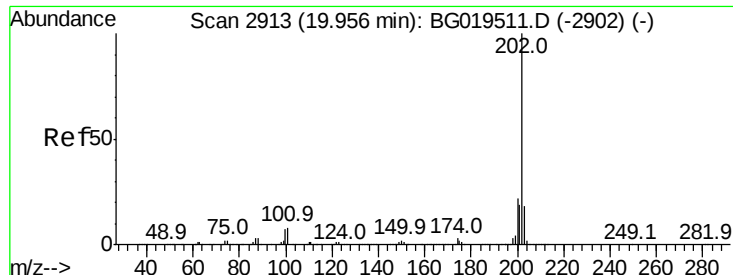


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80
 Pvrene
 Concen: 6.36 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. -0.00 min
 Lab File: BG019519.D
 Acq: 6 Nov 2015 19:31

Instrument :
 BNA_G
 ClientSampleId :
 BCY52

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
202	100			
101	8.4	4.3	6.5#	
100	7.4	3.6	5.4#	

Manual Integrations
 APPROVED

Mmdadoda
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