

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
 Data File : BG019517.D
 Acq On : 6 Nov 2015 18:14
 Operator : UM/NP
 Sample : G4245-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY50

Manual Integrations
 APPROVED

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 11/9/2015 6:49:38 PM

Quant Time: Nov 09 15:08:17 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	8.18	152	37795	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	160457	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	124387	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	341590	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	443680	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	425010	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	684	0.87	ng/uL	0.01
5) Phenol-d5	7.32	99	17506	5.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	61759	28.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	43583	20.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	34795	12.59	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	34300	29.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	36391	26.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	74752	24.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	10387m	3.38	ng/ul	-0.02
44) Dimethylphthalate-d6	14.20	166	275602	26.87	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	321628	28.32	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	8013	4.92	ng/ul	0.00
58) Fluorene-d10	15.80	176	255816	26.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	52329	23.67	ng/ul	0.00
71) Anthracene-d10	17.65	188	430582	27.65	ng/ul	0.00
79) Pyrene-d10	19.93	212	513280	26.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	581515	27.27	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	11.08	128	3911363	487.19	ng/ul#	82
35) 1-Methylnaphthalene	12.87	142	535549	87.73	ng/ul	98
41) 1,1'-Biphenyl	13.65	154	302545	34.41	ng/ul#	96
50) Acenaphthene	14.87	153	598661	76.19	ng/ul	97
54) Dibenzofuran	15.21	168	834093	72.08	ng/ul	94
59) Fluorene	15.85	166	323669	32.06	ng/ul#	98
70) Phenanthrene	17.59	178	826335	47.93	ng/ul	97
72) Anthracene	17.68	178	53854	3.06	ng/ul	99
75) Carbazole	17.95	167	736814	52.55	ng/ul	94
77) Fluoranthene	19.59	202	155044	6.95	ng/ul#	94
80) Pyrene	19.95	202	93038	3.74	ng/ul#	91

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

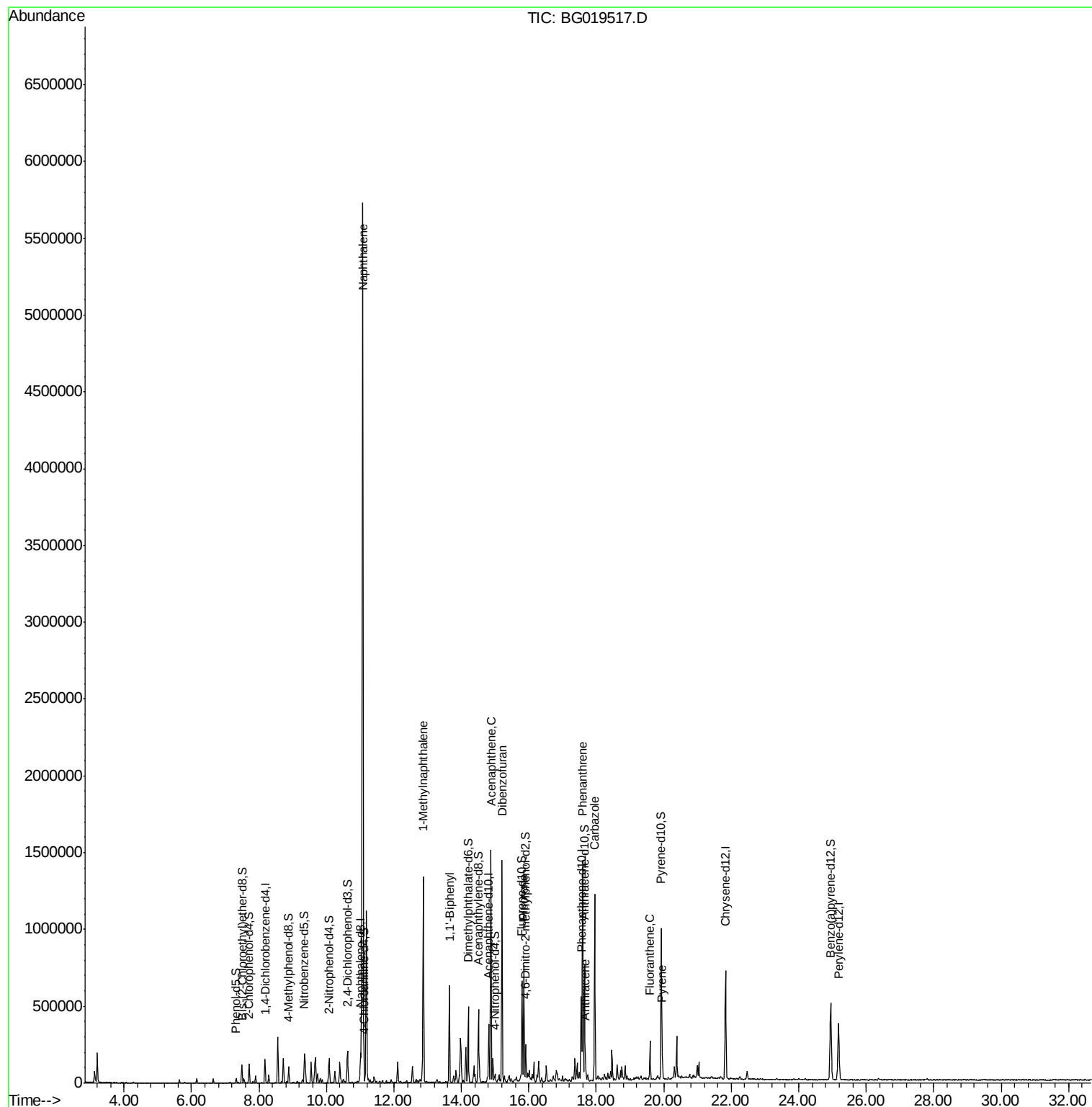
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019517.D
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Operator : UM/NP
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ALS Vial : 16 Sample Multiplier: 1

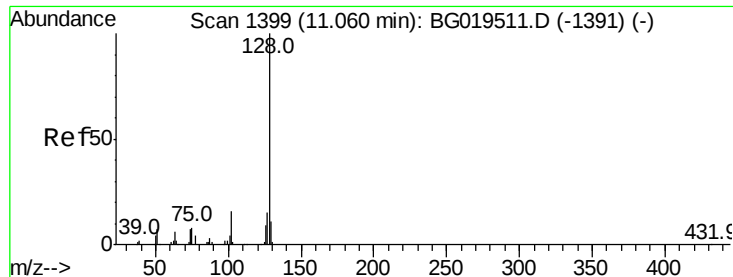
Instrument :
BNA_G
ClientSampleId :
BCY50

Manual Integrations
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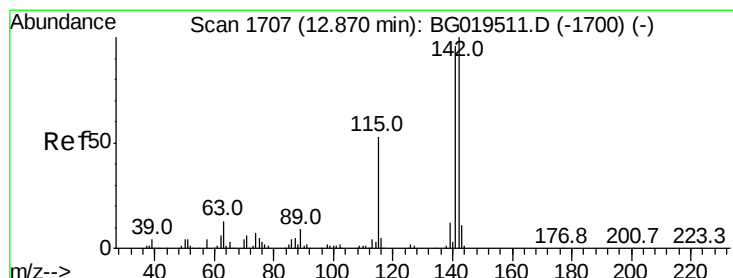
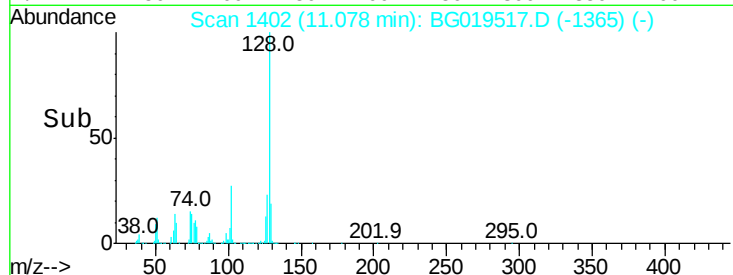
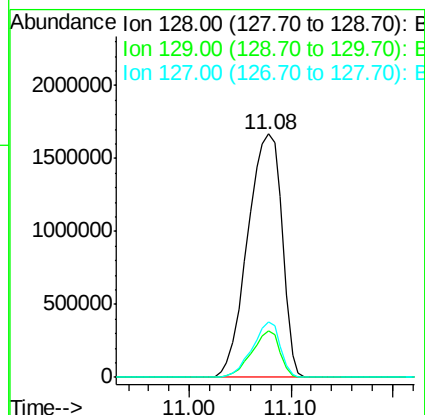
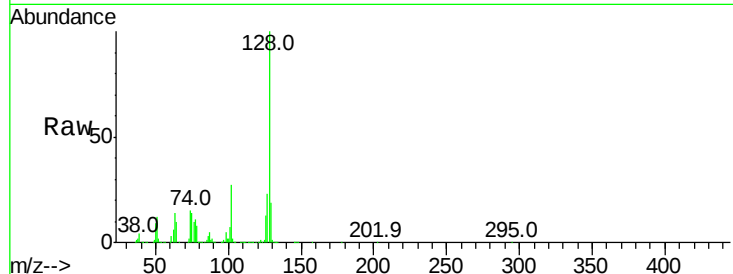
#28
Naphthalene
Concen: 487.19 ng/ul
RT: 11.08 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Instrument :
BNA_G
ClientSampleId :
BCY50

Tot Ion	Ratio	Lower	Upper
128	100		
129	19.2	8.9	13.3#
127	23.0	13.1	19.7#

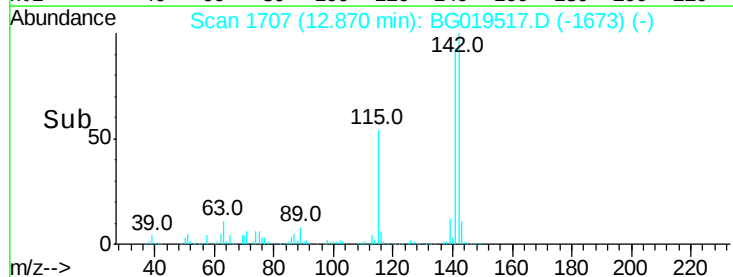
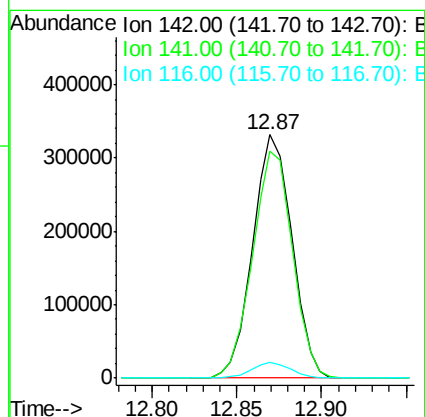
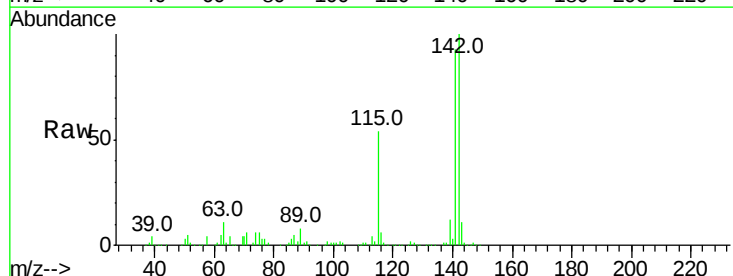
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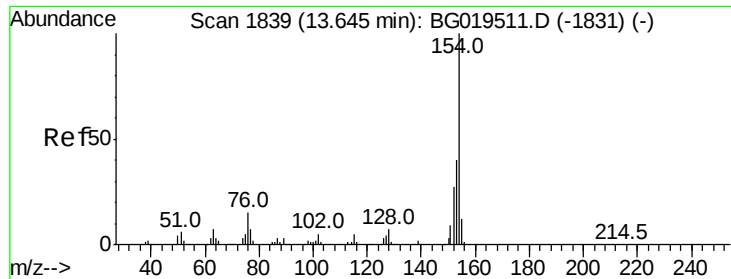
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#35
1-Methylnaphthalene
Concen: 87.73 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.5	114.7
116	6.3	5.4	8.0





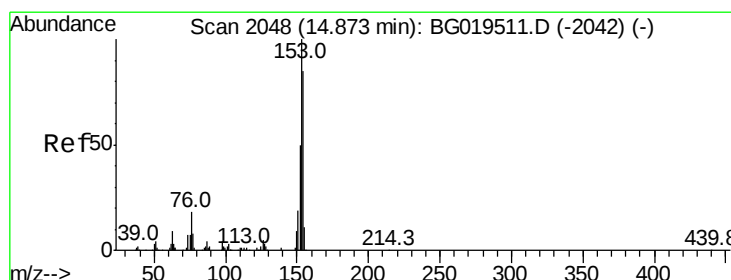
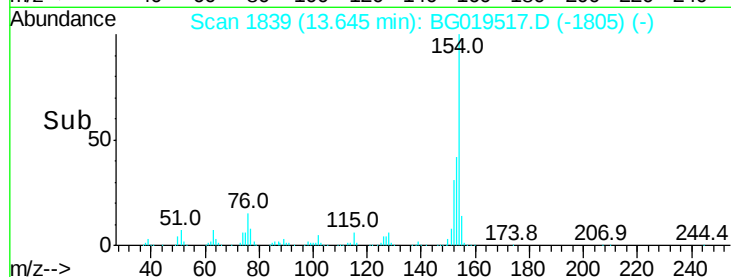
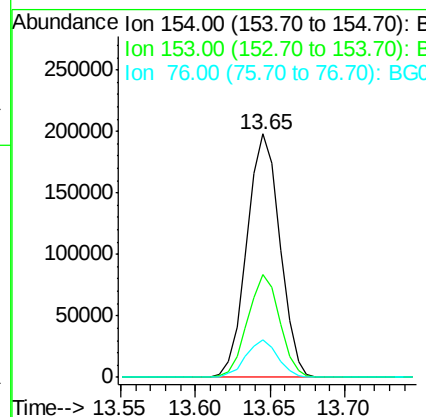
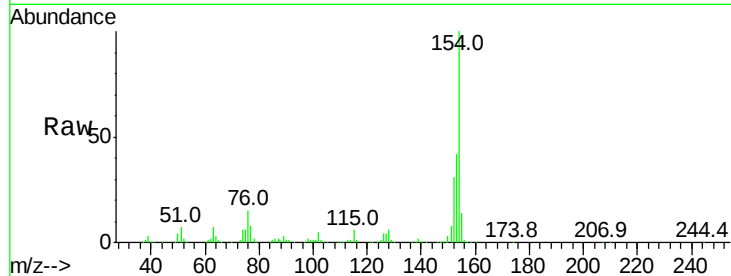
#41
 1,1'-Biphenyl
 Concen: 34.41 ng/ul
 RT: 13.65 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG019517.D
 Acq: 6 Nov 2015 18:14

Instrument :
 BNA_G
 ClientSampleId :
 BCY50

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	42.1	32.8	49.2
76	15.3	7.7	11.5

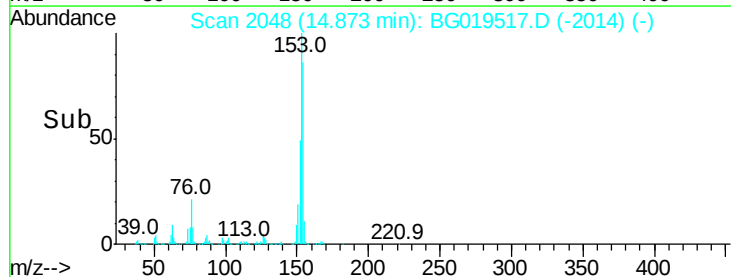
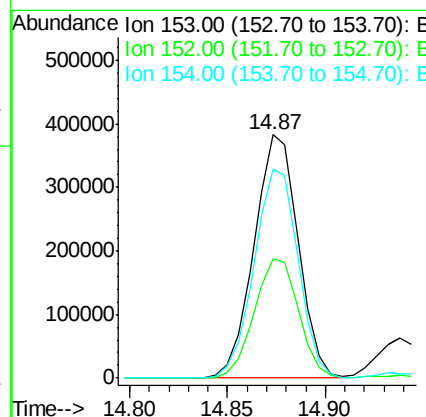
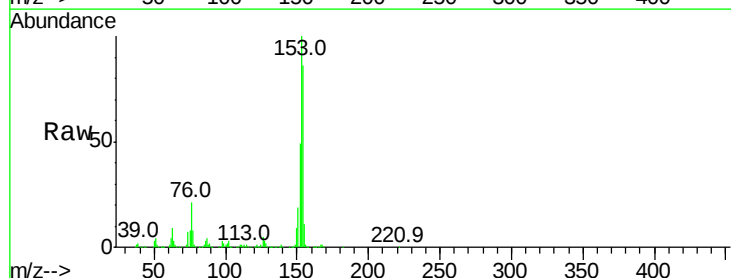
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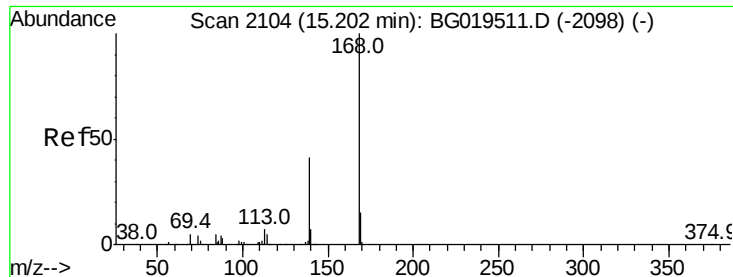
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#50
 Acenaphthene
 Concen: 76.19 ng/ul
 RT: 14.87 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BG019517.D
 Acq: 6 Nov 2015 18:14

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	49.3	38.8	58.2
154	86.0	71.5	107.3





#54

Dibenzenofuran

Concen: 72.08 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BG019517.D

Acq: 6 Nov 2015 18:14

Instrument :

BNA_G

ClientSampleId :

BCY50

Tot Ion:168 Resp: 834093

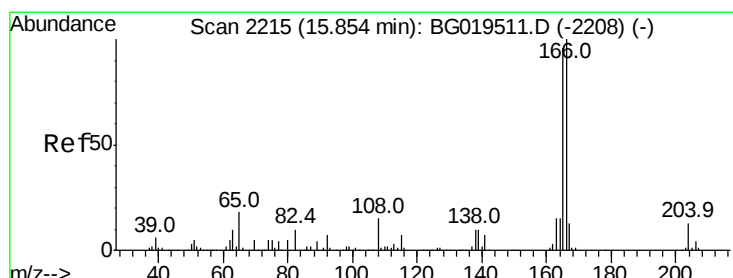
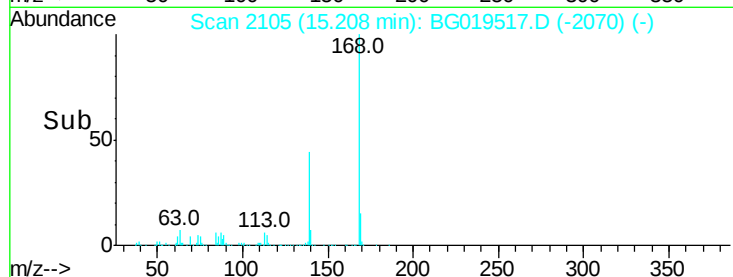
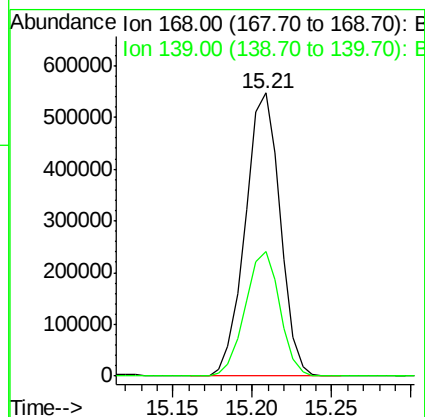
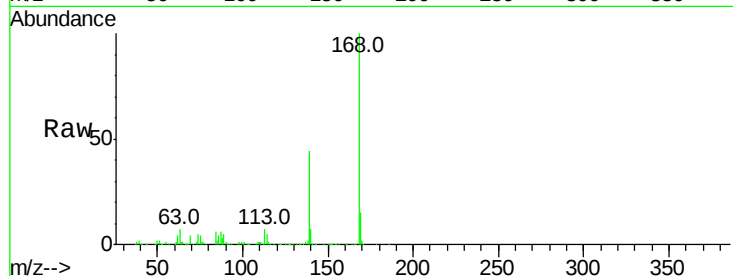
Ion Ratio Lower Upper

168 100

139 44.2 32.4 48.6

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#59

Fluorene

Concen: 32.06 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG019517.D

Acq: 6 Nov 2015 18:14

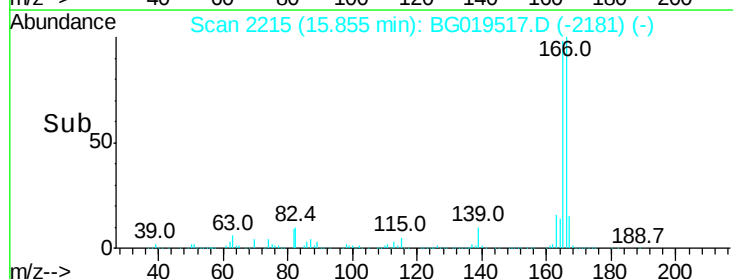
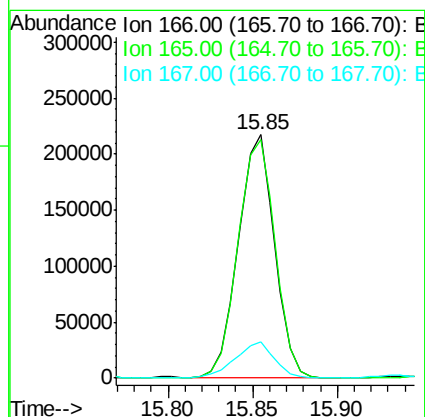
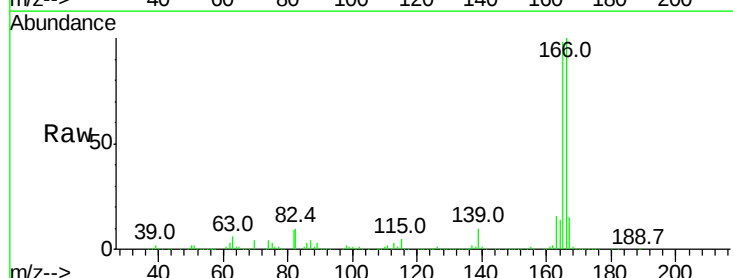
Tgt Ion:166 Resp: 323669

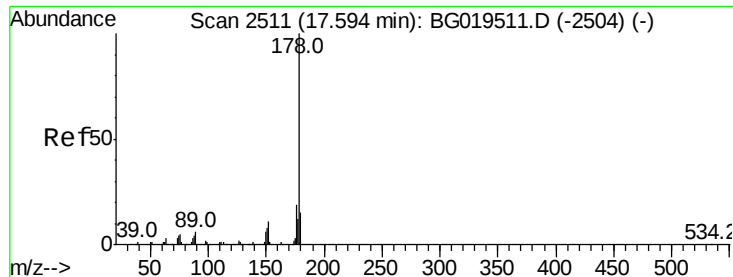
Ion Ratio Lower Upper

166 100

165 97.9 77.6 116.4

167 14.8 9.6 14.4#





#70

Phenanthrene

Concen: 47.93 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG019517.D

Acq: 6 Nov 2015 18:14

Instrument :

BNA_G

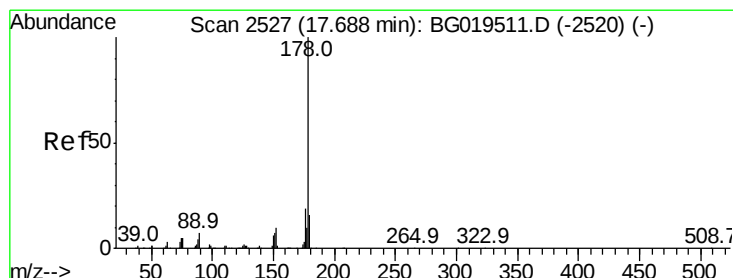
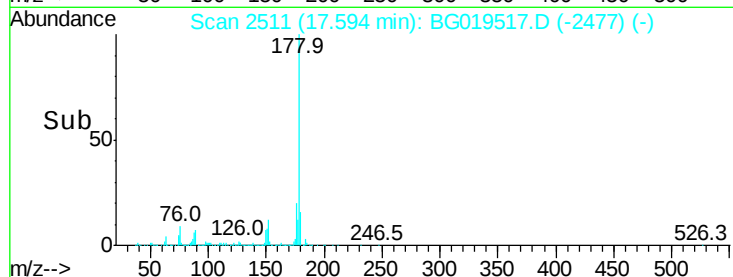
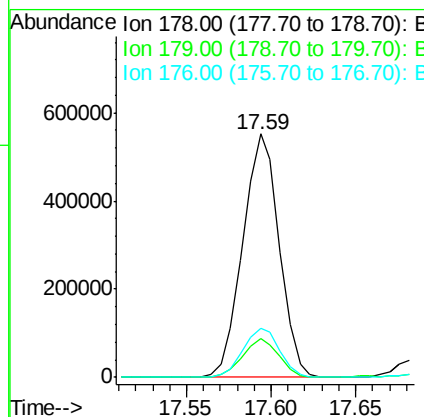
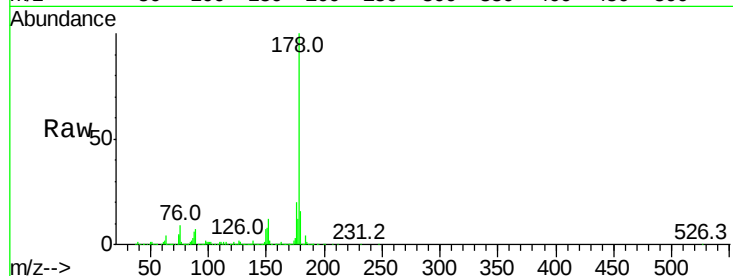
ClientSampleId :

BCY50

Tot Ion:	178	Resp:	826335
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	18.8
176	20.0	14.3	21.5

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#72

Anthracene

Concen: 3.06 ng/ul

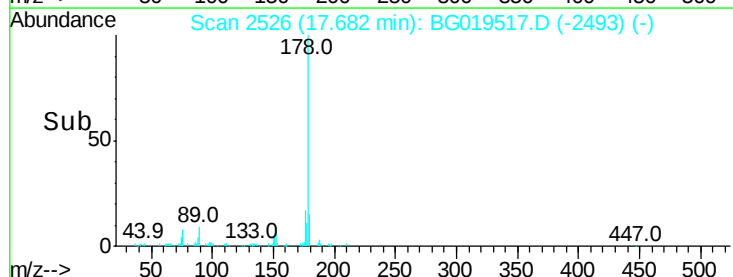
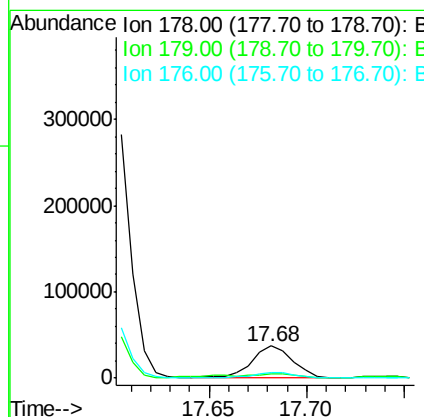
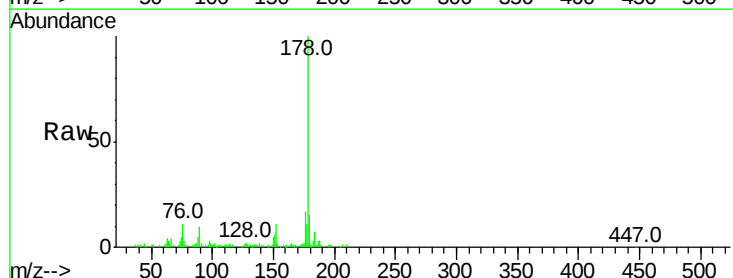
RT: 17.68 min Scan# 2526

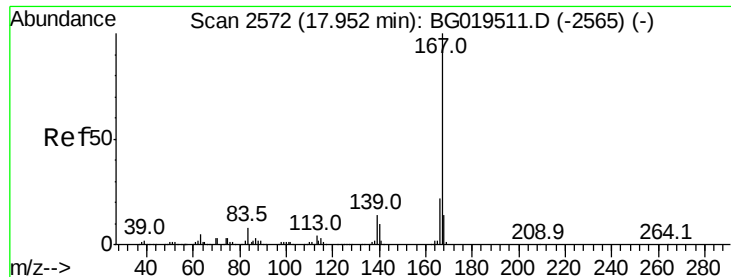
Delta R.T. -0.01 min

Lab File: BG019517.D

Acq: 6 Nov 2015 18:14

Tgt Ion:	178	Resp:	53854
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.6	17.4
176	17.4	14.2	21.4





#75

Carbazole

Concen: 52.55 ng/ul

RT: 17.95 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BG019517.D

Acq: 6 Nov 2015 18:14

Instrument :

BNA_G

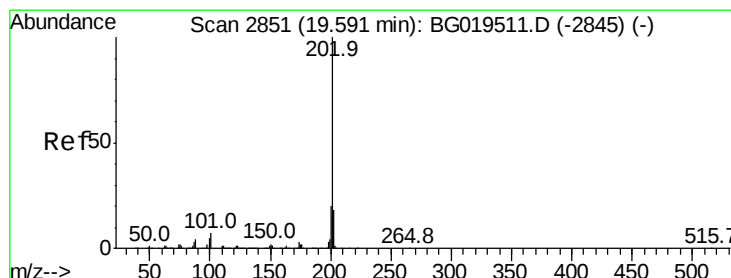
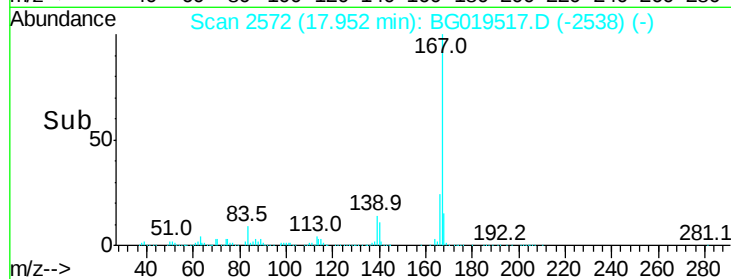
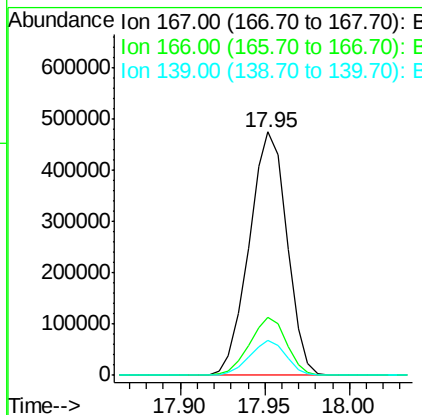
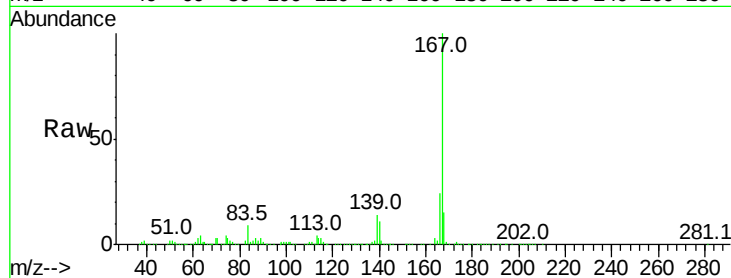
ClientSampleId :

BCY50

Tot Ion:	167	Resp:	736814
Ion Ratio	Lower	Upper	
167	100		
166	23.9	16.8	25.2
139	14.5	9.8	14.6

Manual Integrations
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#77

Fluoranthene

Concen: 6.95 ng/ul

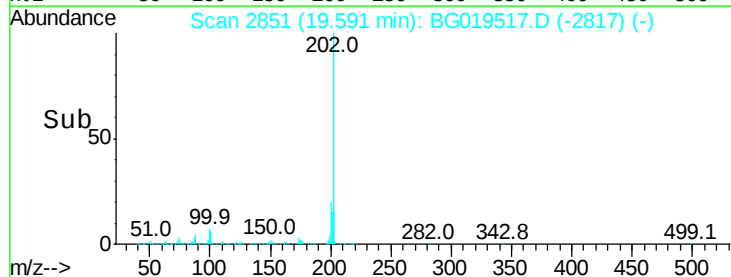
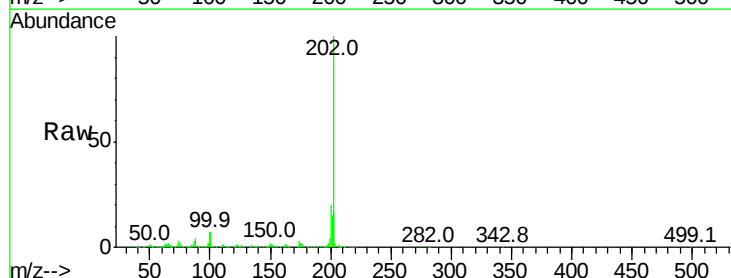
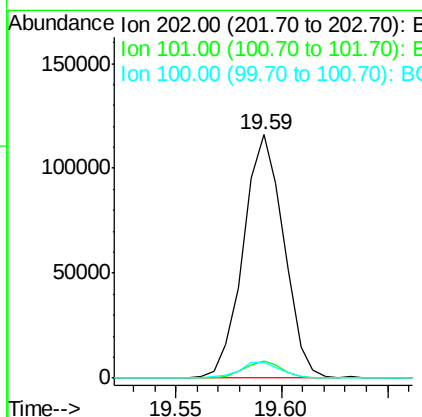
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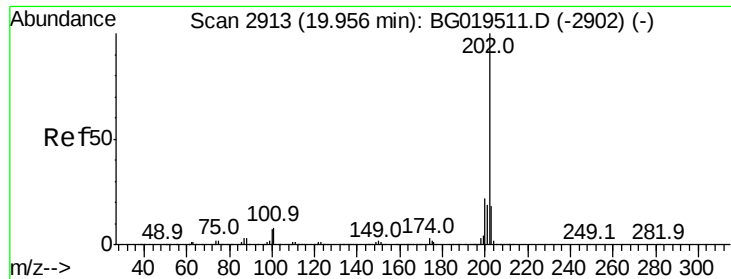
Delta R.T. 0.00 min

Lab File: BG019517.D

Acq: 6 Nov 2015 18:14

Tgt Ion:	202	Resp:	155044
Ion Ratio	Lower	Upper	
202	100		
101	6.7	4.0	6.0#
100	6.7	3.6	5.4#





#80
 Pvrene
 Concen: 3.74 ng/ul
 RT: 19.95 min Scan# 2912
 Delta R.T. -0.01 min
 Lab File: BG019517.D
 Acq: 6 Nov 2015 18:14

Instrument :
 BNA_G
 ClientSampleId :
 BCY50

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	4.3	6.5#
100	7.4	3.6	5.4#

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