

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019537.D
 Acq On : 9 Nov 2015 17:47
 Operator : UM/NP
 Sample : G4245-18DL 50X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY53DL

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:04:17 PM

Quant Time: Nov 17 17:24:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 10 00:14:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	29023	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	122131	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	100363	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	305696	20.00	ng/ul	0.00
78) Chrysene-d12	21.82	240	420155	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	389898	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.32	99	626	0.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	1464	0.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	741	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	783	0.37	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	688	0.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	293	0.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	1227	0.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	1028	0.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	7804	0.94	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	7424	0.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	168	0.13	ng/ul	0.00
58) Fluorene-d10	15.79	176	7017	0.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	527	0.27	ng/ul	0.00
71) Anthracene-d10	17.65	188	12554	0.90	ng/ul	0.00
79) Pyrene-d10	19.92	212	13629	0.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.93	264	14831m	0.76	ng/ul	-0.02

Target Compounds

						Ovalue
28) Naphthalene	11.05	128	721647	118.09	ng/ul	96
34) 2-Methylnaphthalene	12.65	142	15588	3.17	ng/ul	88
41) 1,1'-Biphenyl	13.64	154	17428	2.46	ng/ul#	85
50) Acenaphthene	14.87	153	48340	7.62	ng/ul	98
54) Dibenzofuran	15.20	168	51752	5.54	ng/ul	96
59) Fluorene	15.85	166	31380	3.85	ng/ul	95
70) Phenanthrene	17.59	178	53829	3.49	ng/ul#	95
75) Carbazole	17.95	167	75311	6.00	ng/ul	96

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

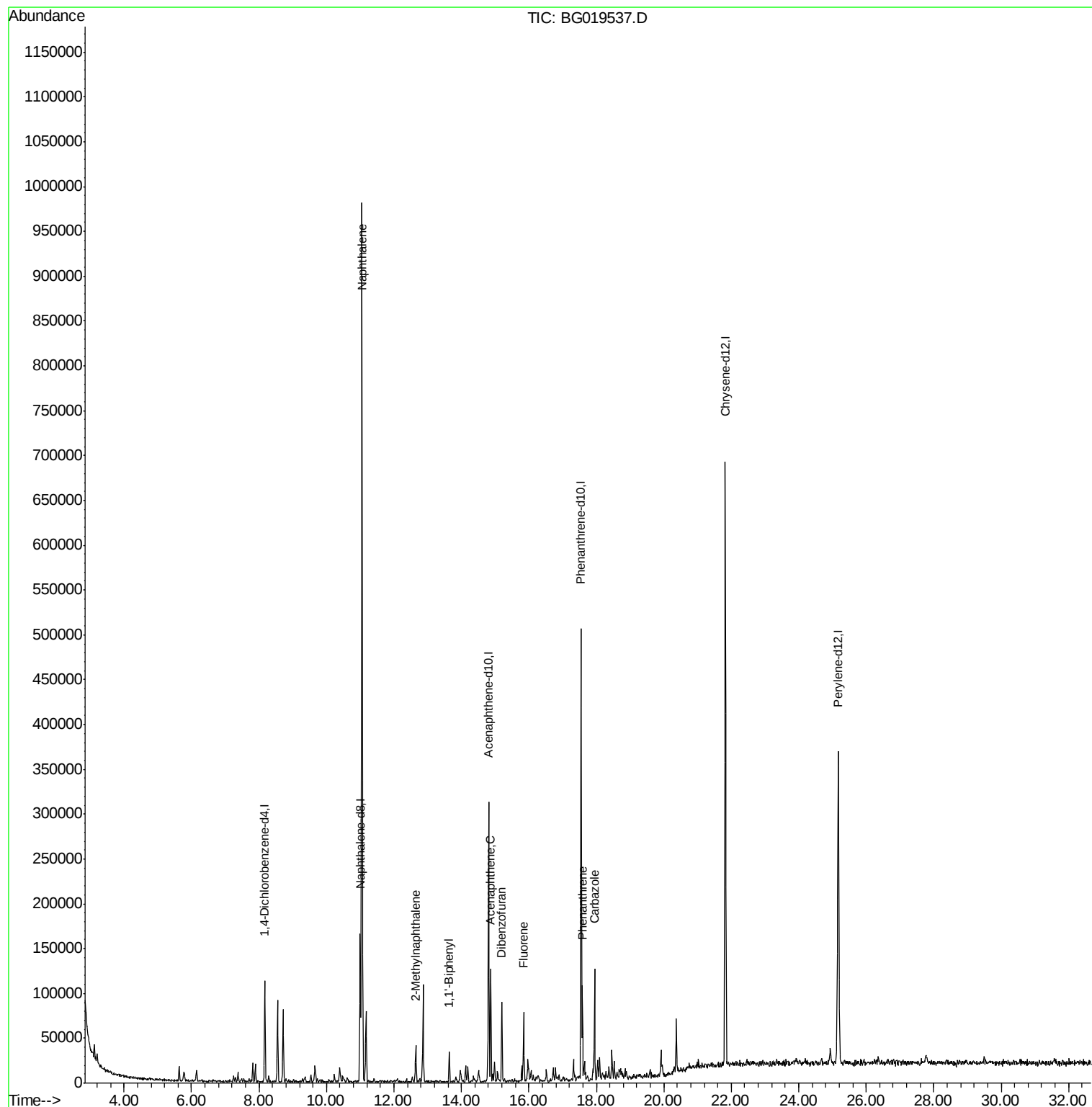
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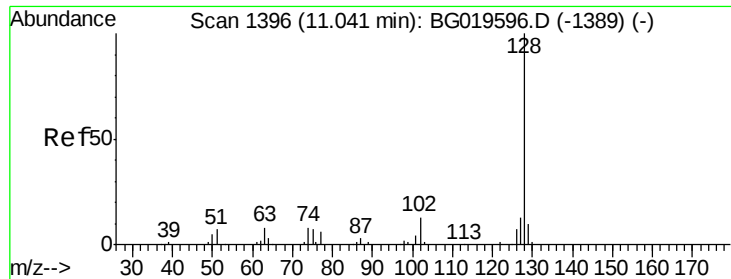
Instrument :
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Quant Title : SVOA CALIBRATION
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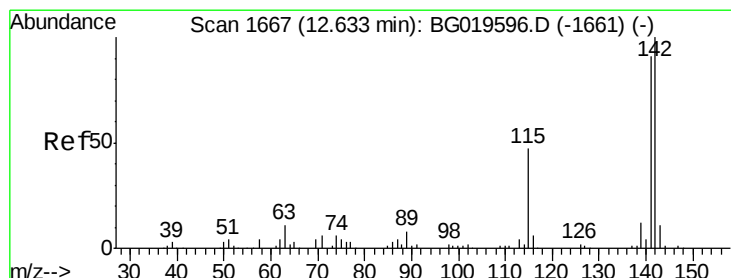
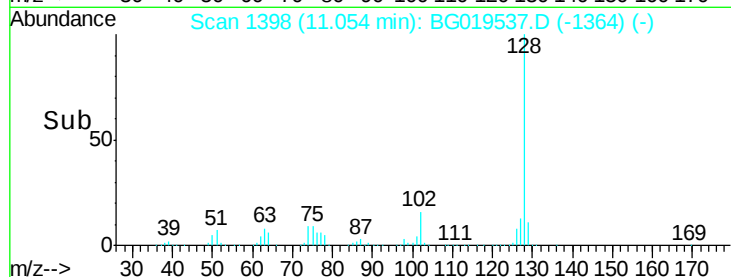
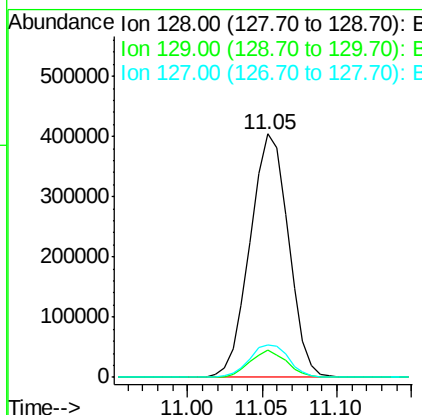
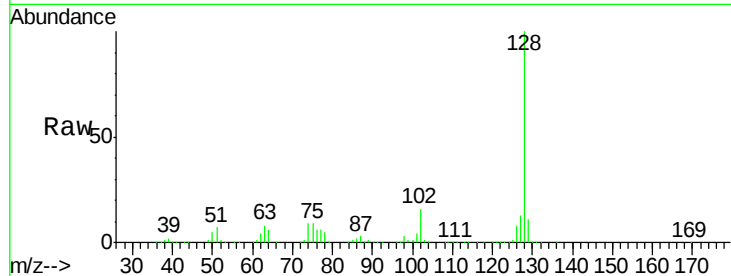
#28
Naphthalene
Concen: 118.09 ng/ul
RT: 11.05 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Instrument :
BNA_G
ClientSampleId :
BCY53DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	13.1	19.7

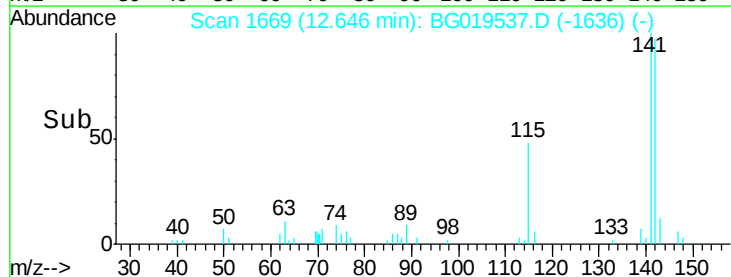
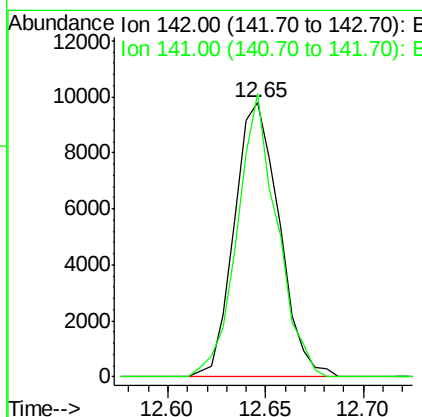
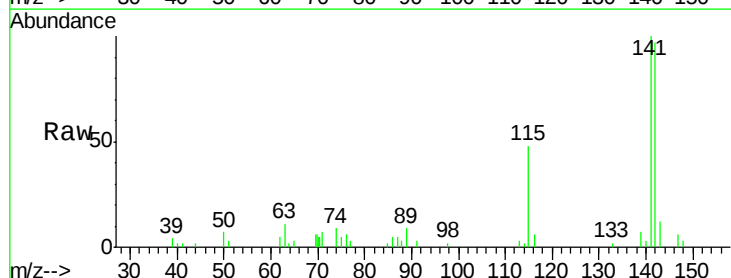
Manual Integrations
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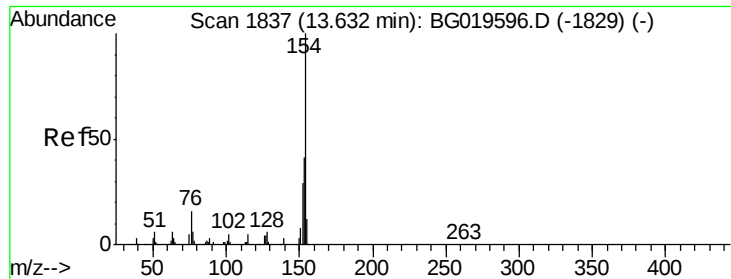
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#34
2-Methylnaphthalene
Concen: 3.17 ng/ul
RT: 12.65 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	103.2	73.4	110.2





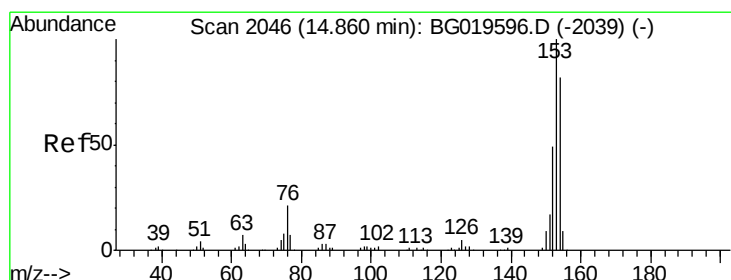
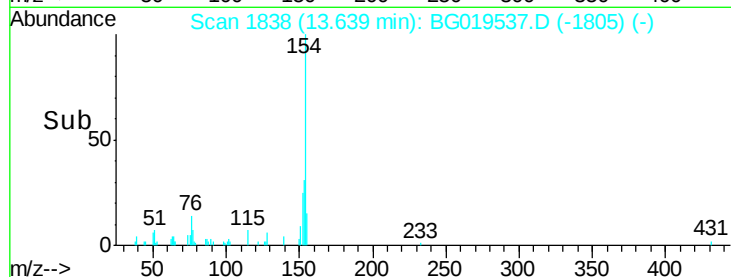
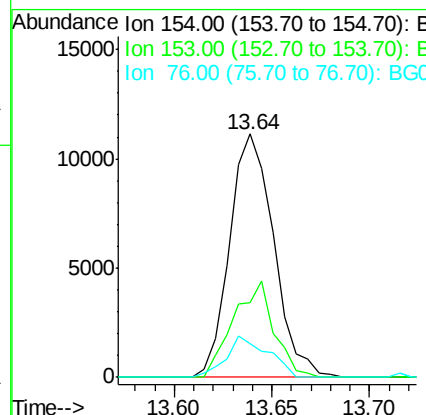
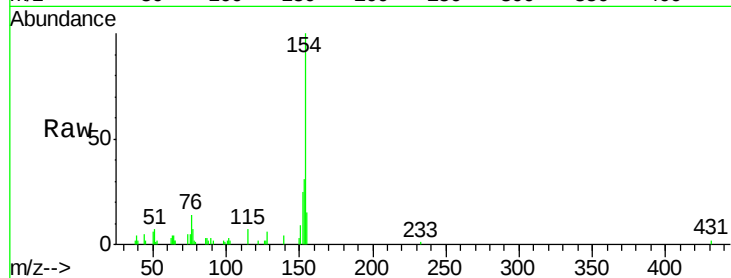
#41
 1,1'-Biphenyl
 Concen: 2.46 ng/ul
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG019537.D
 Acq: 9 Nov 2015 17:47

Instrument :
 BNA_G
 ClientSampleId :
 BCY53DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	30.8	32.8	49.2#
76	13.7	7.7	11.5#

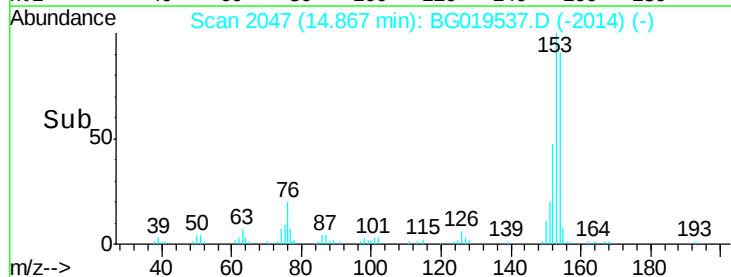
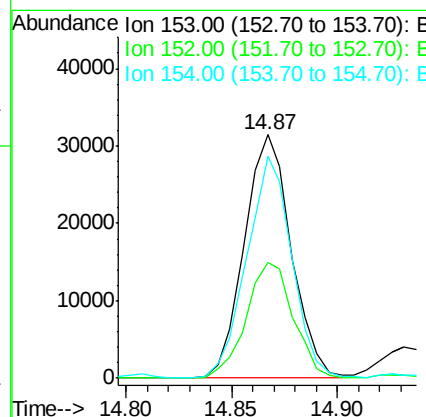
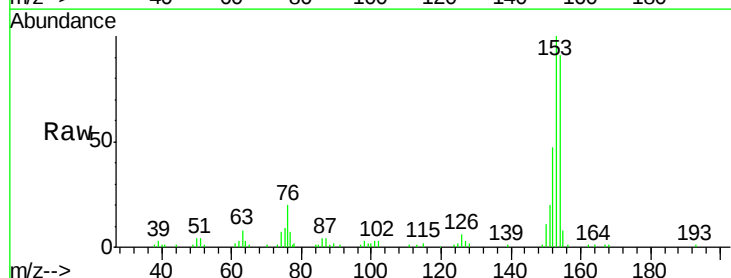
Manual Integrations
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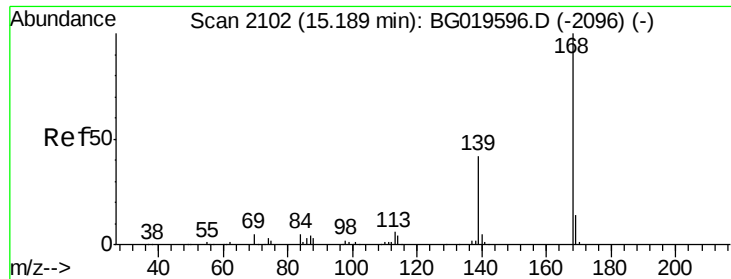
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#50
 Acenaphthene
 Concen: 7.62 ng/ul
 RT: 14.87 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BG019537.D
 Acq: 9 Nov 2015 17:47

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.8	58.2
154	90.9	71.5	107.3





#54

Dibenzenofuran

Concen: 5.54 ng/ul

RT: 15.20 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG019537.D

Acq: 9 Nov 2015 17:47

Instrument :

BNA_G

ClientSampleId :

BCY53DL

Tot Ion:168 Resp: 51752

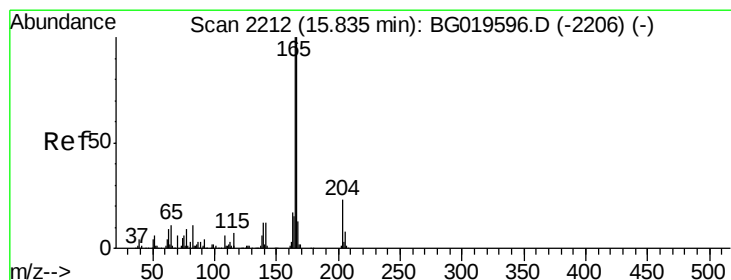
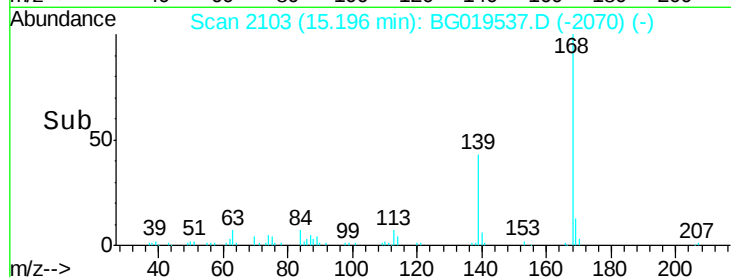
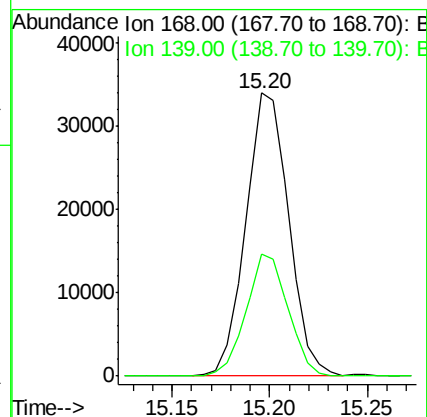
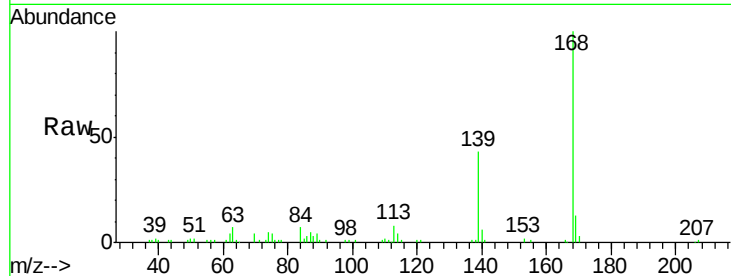
Ion Ratio Lower Upper

168 100

139 43.3 32.4 48.6

Manual Integrations
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#59

Fluorene

Concen: 3.85 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG019537.D

Acq: 9 Nov 2015 17:47

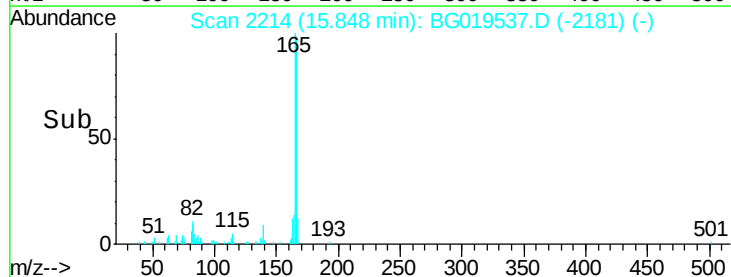
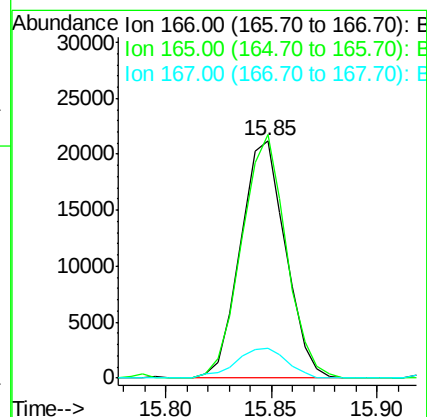
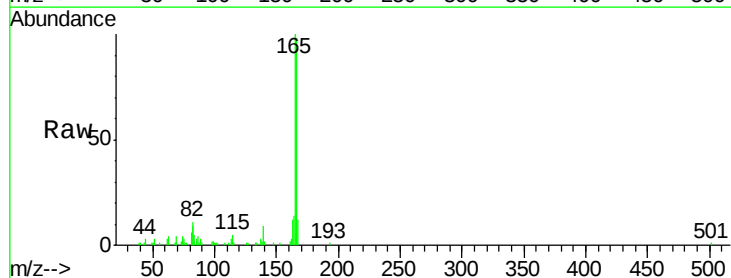
Tgt Ion:166 Resp: 31380

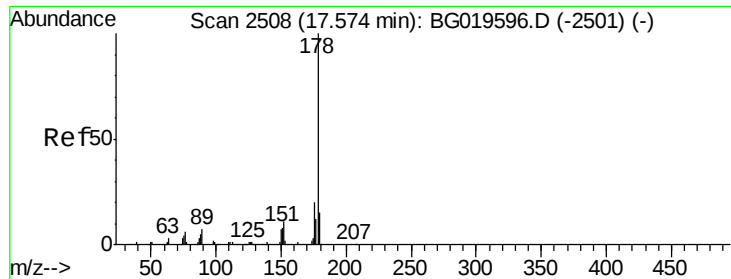
Ion Ratio Lower Upper

166 100

165 102.5 77.6 116.4

167 12.6 9.6 14.4





#70

Phenanthrene

Concen: 3.49 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG019537.D

Acq: 9 Nov 2015 17:47

Instrument :

BNA_G

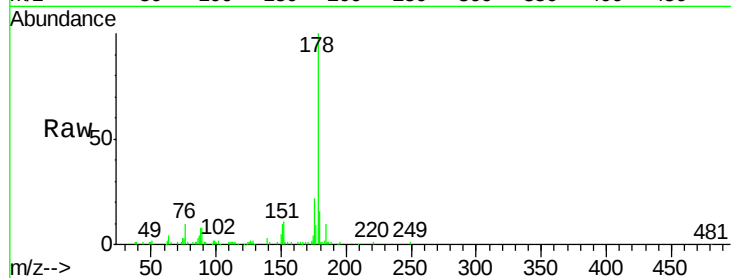
ClientSampleId :

BCY53DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	21.6	14.3	21.5

Manual Integrations
APPROVED

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11/10/2015 1:04:17 PM

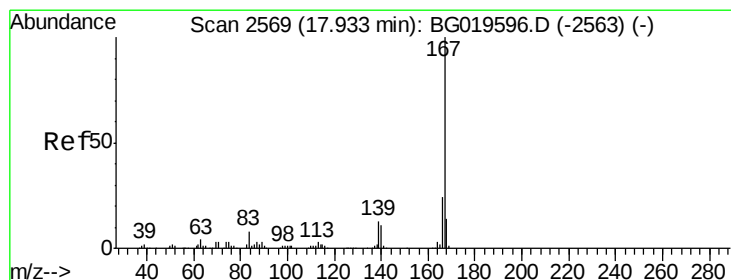
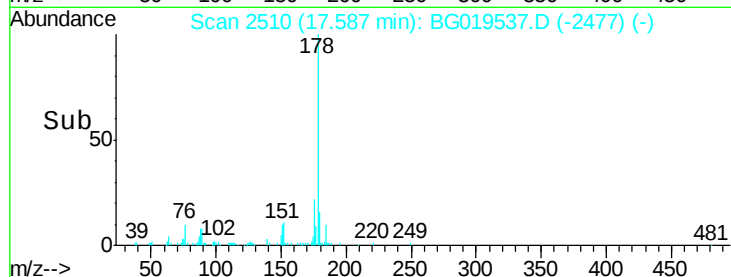
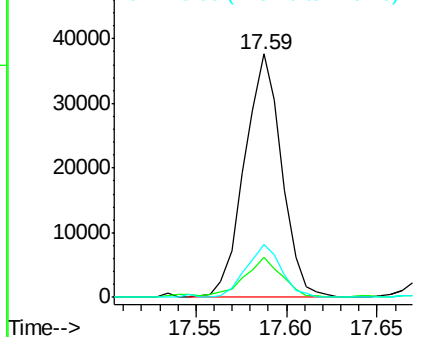


Abundance

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



#75

Carbazole

Concen: 6.00 ng/ul

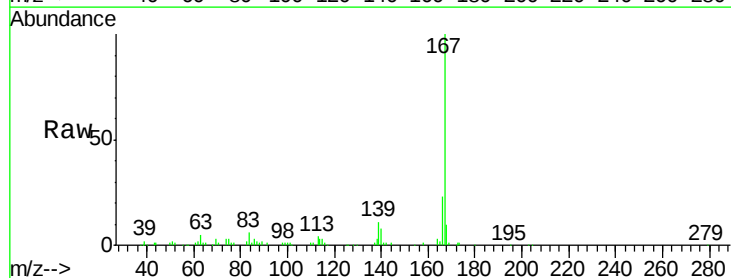
RT: 17.95 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG019537.D

Acq: 9 Nov 2015 17:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	16.8	25.2
139	11.3	9.8	14.6



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

