

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
 Data File : BG019534.D
 Acq On : 9 Nov 2015 15:53
 Operator : UM/NP
 Sample : G4245-17DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:04:15 PM

Quant Time: Nov 23 07:09:50 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	30522	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	131540	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	106163	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	296819	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	418069	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	401616	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.32	99	2945	1.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	12452	7.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	9686	5.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	7198	3.23	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	8212	8.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	6605	5.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	13248	5.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	9811	3.90	ng/ul	0.01
44) Dimethylphthalate-d6	14.20	166	62456	7.14	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	67683	6.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	3499	2.52	ng/ul	0.00
58) Fluorene-d10	15.79	176	54813	6.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	10550	5.49	ng/ul	0.00
71) Anthracene-d10	17.64	188	95006	7.02	ng/ul	0.00
79) Pyrene-d10	19.92	212	118060	6.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.93	264	133676m	6.63	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	11.09	128	5296942	804.81	ng/ul#	63
34) 2-Methylnaphthalene	12.65	142	189776	35.88	ng/ul	96
41) 1,1'-Biphenyl	13.64	154	195438	26.04	ng/ul#	95
48) Acenaphthylene	14.53	152	25420	2.56	ng/ul#	87
50) Acenaphthene	14.87	153	539149	80.39	ng/ul	99
54) Dibenzofuran	15.20	168	557471	56.44	ng/ul	95
59) Fluorene	15.85	166	349115	40.52	ng/ul	96
70) Phenanthrene	17.59	178	561893	37.51	ng/ul	97
72) Anthracene	17.68	178	36878m	2.42	ng/ul	
75) Carbazole	17.95	167	760256	62.40	ng/ul	96
77) Fluoranthene	19.59	202	53049	2.74	ng/ul#	92

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

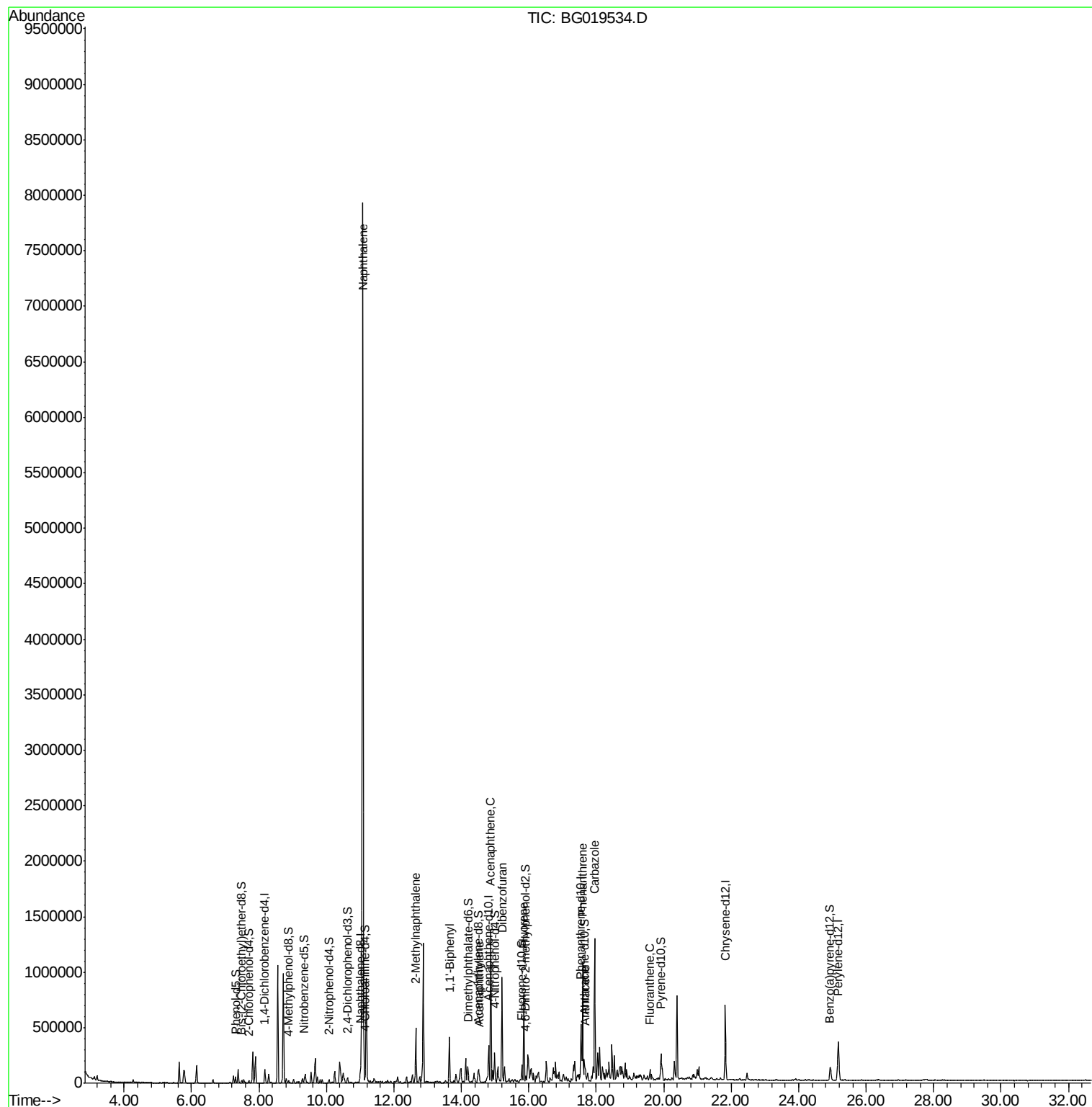
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

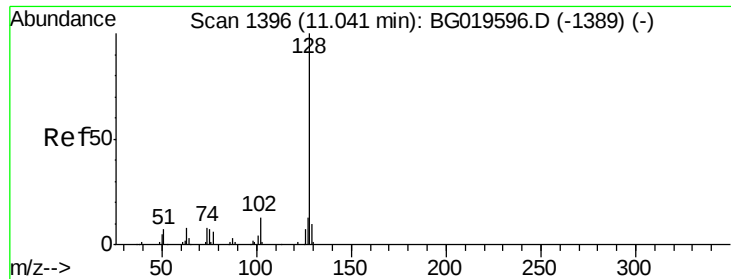
Instrument :
BNA_G
ClientSampleId :
BCY52DL

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:04:15 PM

Quant Time: Nov 23 07:09:50 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





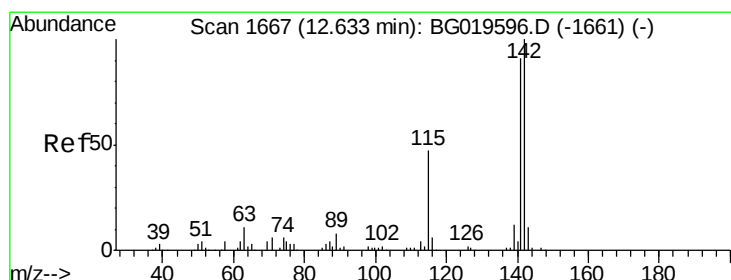
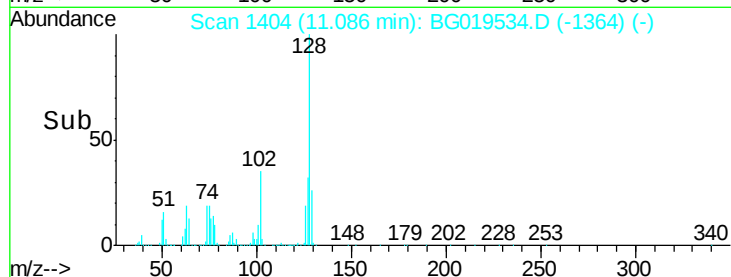
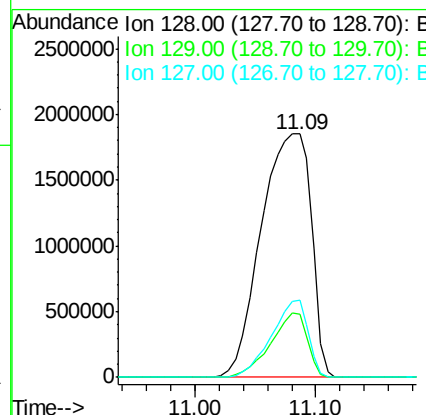
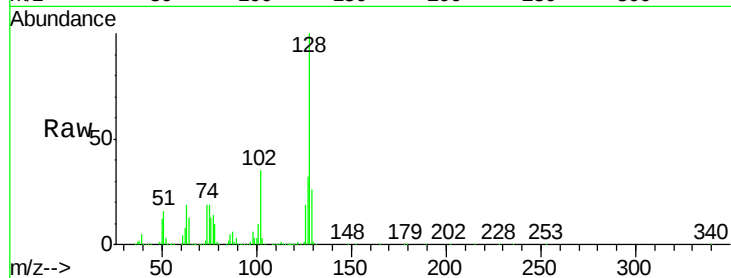
#28
Naphthalene
Concen: 804.81 ng/ul
RT: 11.09 min Scan# 1404
Delta R.T. 0.03 min
Lab File: BG019534.D
Acq: 9 Nov 2015 15:53

Instrument :
BNA_G
ClientSampleId :
BCY52DL

Tgt Ion:128 Resp: 5296942
Ion Ratio Lower Upper
128 100
129 26.0 8.9 13.3#
127 31.6 13.1 19.7#

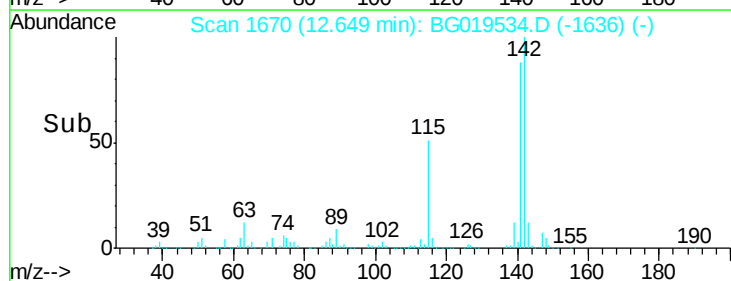
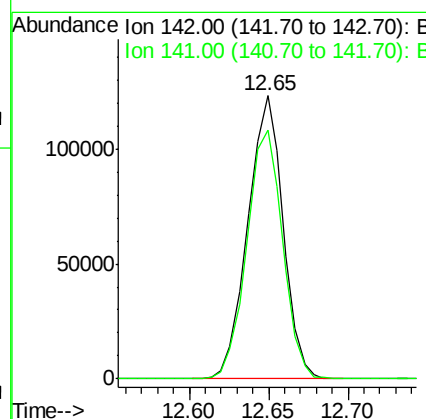
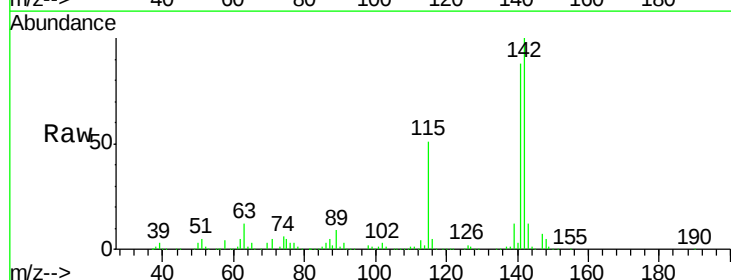
Manual Integrations
APPROVED

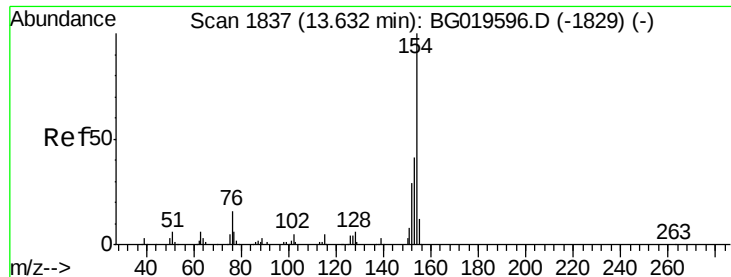
Mmdadoda
11/10/2015 1:04:15 PM



#34
2-Methylnaphthalene
Concen: 35.88 ng/ul
RT: 12.65 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BG019534.D
Acq: 9 Nov 2015 15:53

Tgt Ion:142 Resp: 189776
Ion Ratio Lower Upper
142 100
141 87.9 73.4 110.2





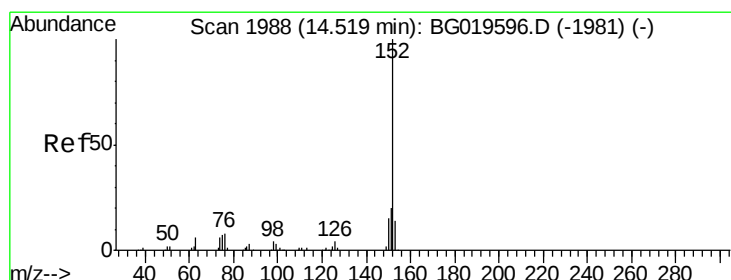
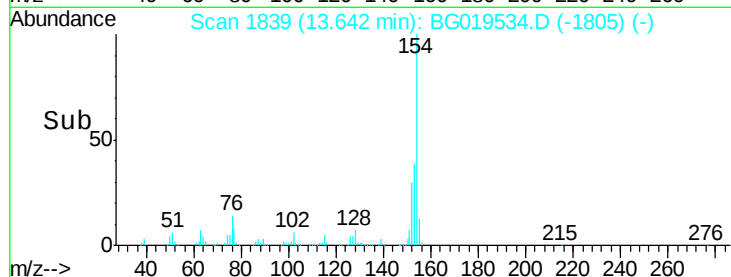
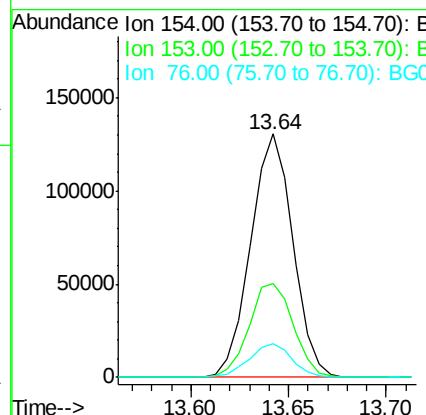
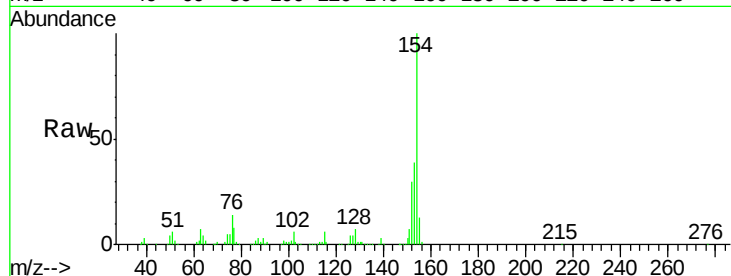
#41
 1,1'-Biphenyl
 Concen: 26.04 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	195438		
153	38.6	32.8	49.2	
76	14.0	7.7	11.5#	

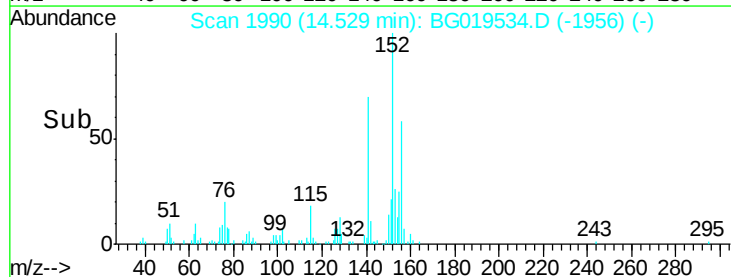
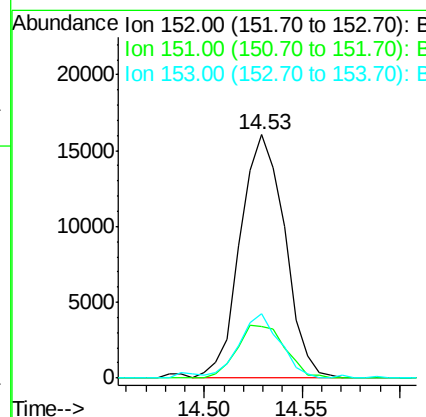
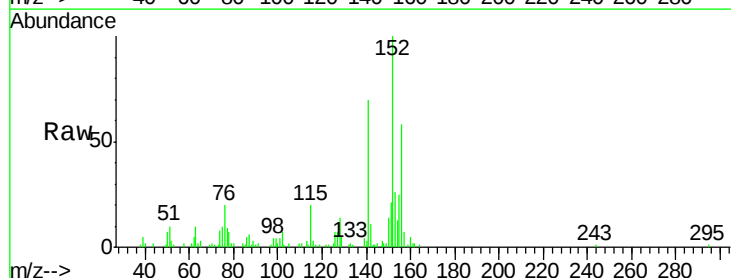
Manual Integrations
 APPROVED

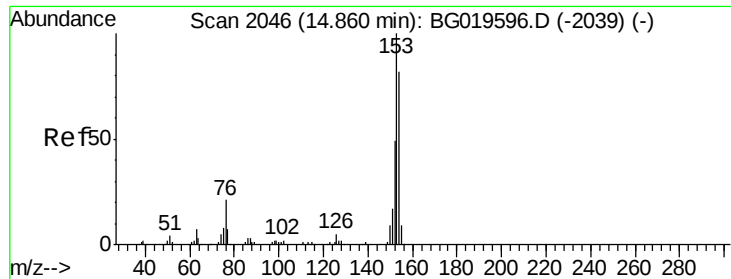
Mmdadoda
 11/10/2015 1:04:15 PM



#48
 Acenaphthylene
 Concen: 2.56 ng/ul
 RT: 14.53 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	25420		
151	21.3	16.9	25.3	
153	26.4	10.8	16.2#	





#50

Acenaphthene

Concen: 80.39 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

Instrument :

BNA_G

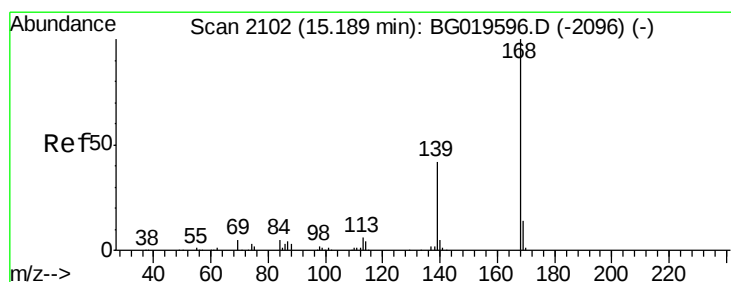
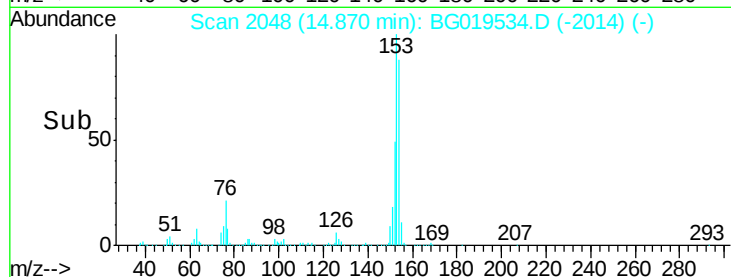
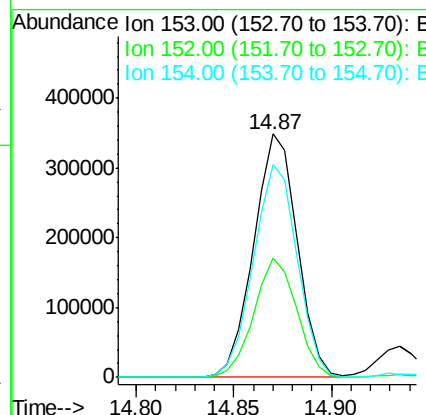
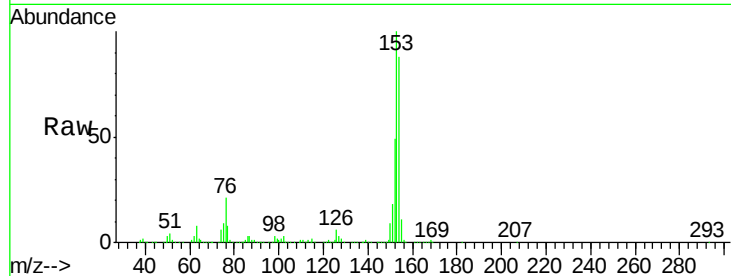
ClientSampleId :

BCY52DL

Tgt Ion:	153	Resp:	539149
Ion Ratio		Lower	Upper
153	100		
152	48.8	38.8	58.2
154	87.6	71.5	107.3

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:04:15 PM



#54

Dibenzofuran

Concen: 56.44 ng/ul

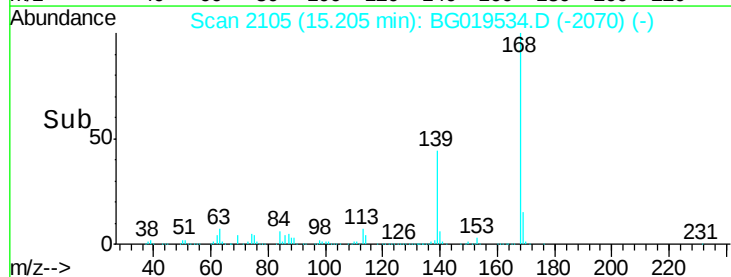
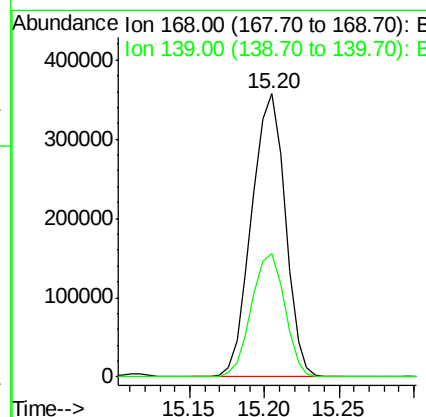
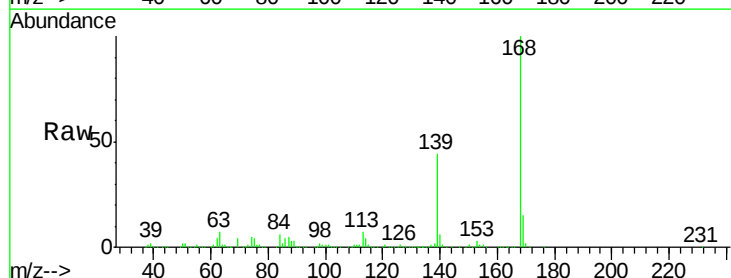
RT: 15.20 min Scan# 2105

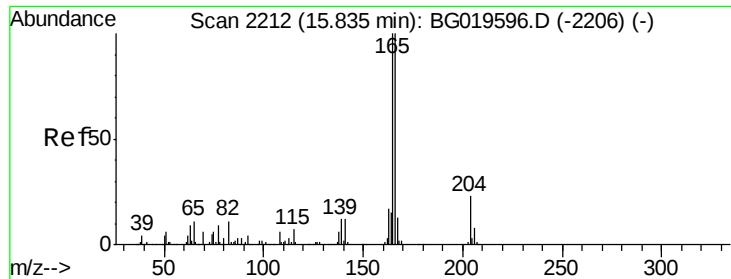
Delta R.T. 0.01 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

Tgt Ion:	168	Resp:	557471
Ion Ratio		Lower	Upper
168	100		
139	43.7	32.4	48.6





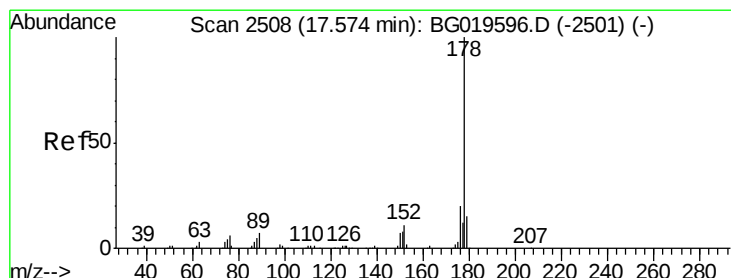
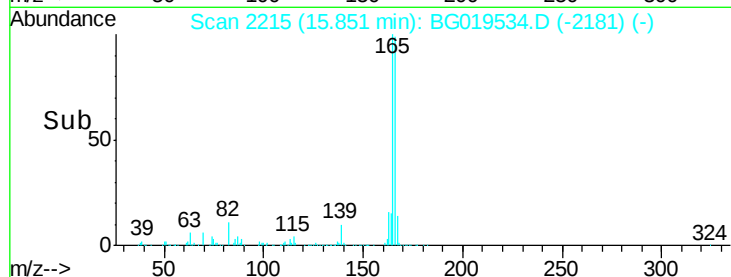
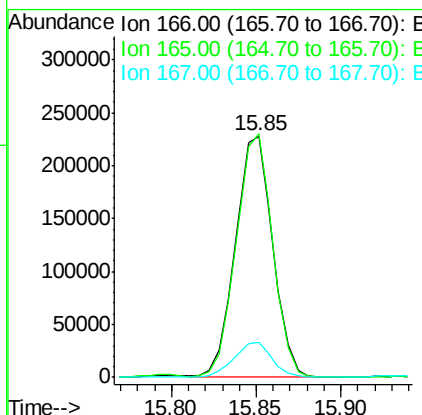
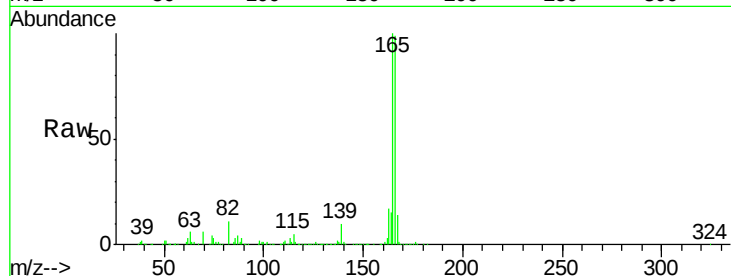
#59
Fluorene
 Concen: 40.52 ng/ul
 RT: 15.85 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	349115		
165	100.8	77.6	116.4	
167	14.4	9.6	14.4	

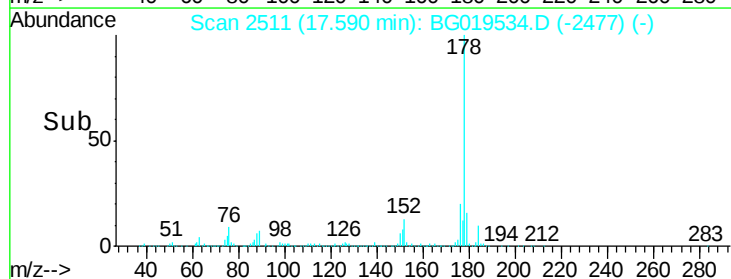
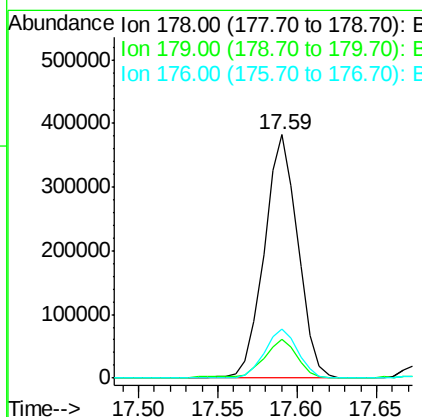
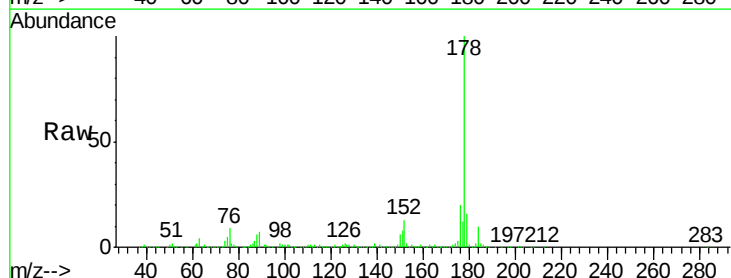
Manual Integrations
 APPROVED

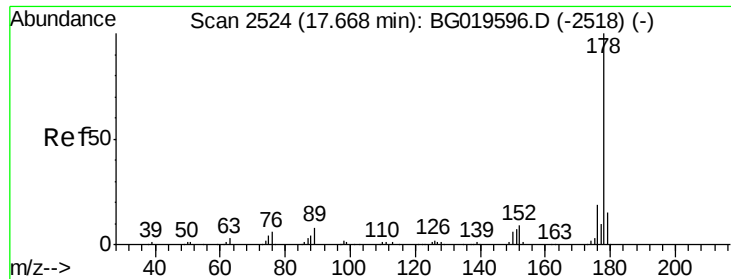
Mmdadoda
 11/10/2015 1:04:15 PM



#70
Phenanthrene
 Concen: 37.51 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	561893		
179	15.9	12.6	18.8	
176	19.9	14.3	21.5	





#72

Anthracene

Concen: 2.42 ng/ul m

RT: 17.68 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

Instrument :

BNA_G

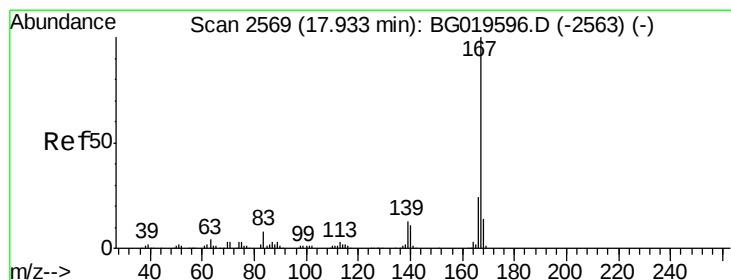
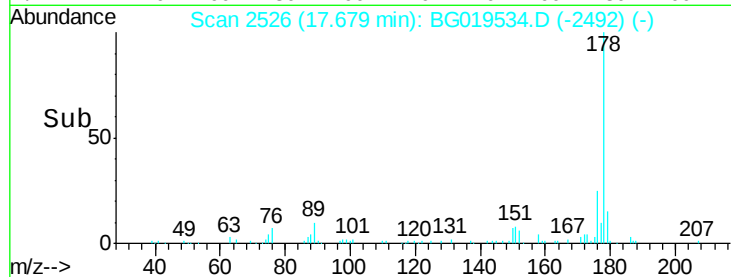
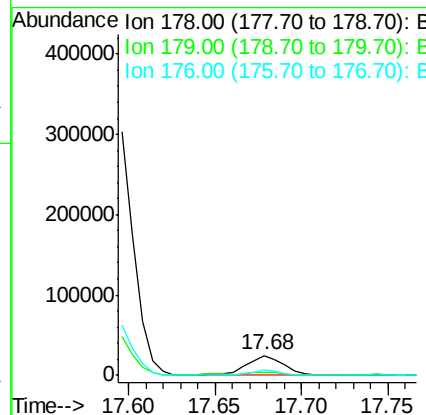
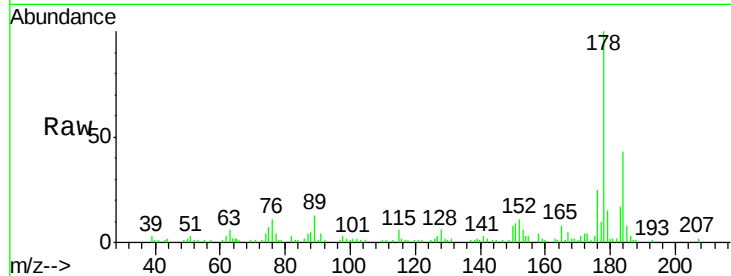
ClientSampleId :

BCY52DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.6	17.4
176	25.0	14.2	21.4

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:04:15 PM



#75

Carbazole

Concen: 62.40 ng/ul

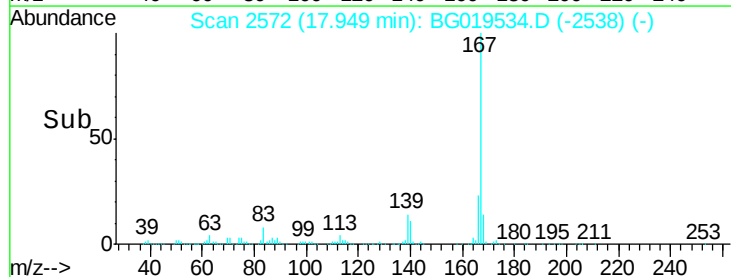
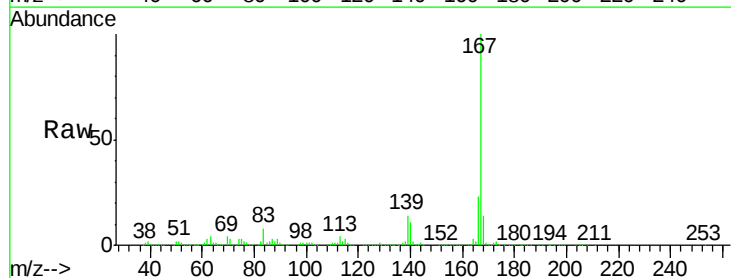
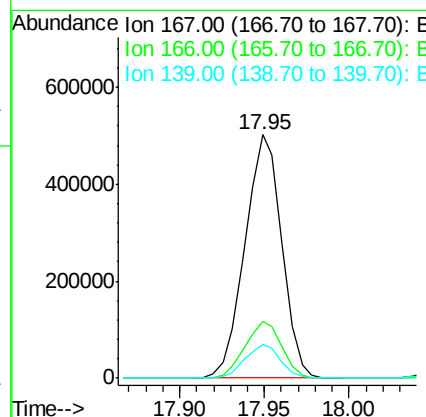
RT: 17.95 min Scan# 2572

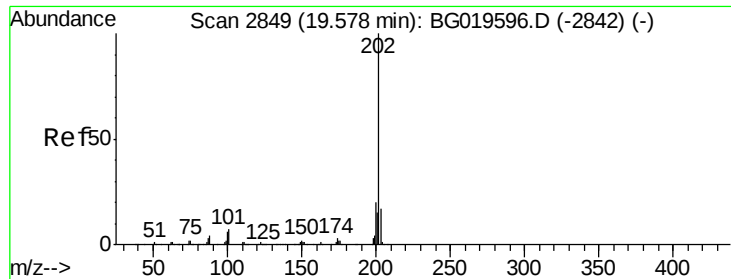
Delta R.T. -0.00 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	16.8	25.2
139	13.9	9.8	14.6





#77
 Fluoranthene
 Concen: 2.74 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. -0.00 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	4.0	6.0#
100	5.5	3.6	5.4#

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:04:15 PM

