

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020296.D
 Acq On : 19 Dec 2015 4:51
 Operator : UM/SJ
 Sample : G4768-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N40

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:36:31 PM

Quant Time: Dec 20 03:31:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 04:52:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	17339	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	75163	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	53367	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	131526	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	175661	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	165313	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	328	1.04	ng/uL	0.00
5) Phenol-d5	7.24	99	10503	6.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	26720	29.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	28610	25.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	20333	15.55	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	18403	31.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	21748	33.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	37936	28.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	1943	1.31	ng/ul	-0.02
44) Dimethylphthalate-d6	14.12	166	136491	31.62	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	156644	31.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5108	6.60	ng/ul	0.00
58) Fluorene-d10	15.72	176	121552	31.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	21534	27.62	ng/ul	0.00
71) Anthracene-d10	17.57	188	195188	32.21	ng/ul	0.00
79) Pyrene-d10	19.85	212	242954	29.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	266755	32.35	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.99	128	3165475	806.46	ng/ul#	82
34) 2-Methylnaphthalene	12.57	142	558817	186.39	ng/ul	98
35) 1-Methylnaphthalene	12.78	142	367865	127.62	ng/ul#	98
41) 1,1'-Biphenyl	13.56	154	245937	61.08	ng/ul	95
48) Acenaphthylene	14.45	152	135751	25.44	ng/ul	96
50) Acenaphthene	14.80	153	1066434	297.06	ng/ul	96
54) Dibenzofuran	15.13	168	791888	148.28	ng/ul	98
59) Fluorene	15.78	166	666174	155.34	ng/ul	98
70) Phenanthrene	17.52	178	1479716	205.68	ng/ul	93
72) Anthracene	17.60	178	105731m	14.49	ng/ul	
75) Carbazole	17.88	167	1219623	198.92	ng/ul	95
77) Fluoranthene	19.52	202	352821	41.96	ng/ul	97
80) Pyrene	19.88	202	206308	19.41	ng/ul	98
83) Benzo(a)anthracene	21.72	228	10313	1.01	ng/ul	100

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

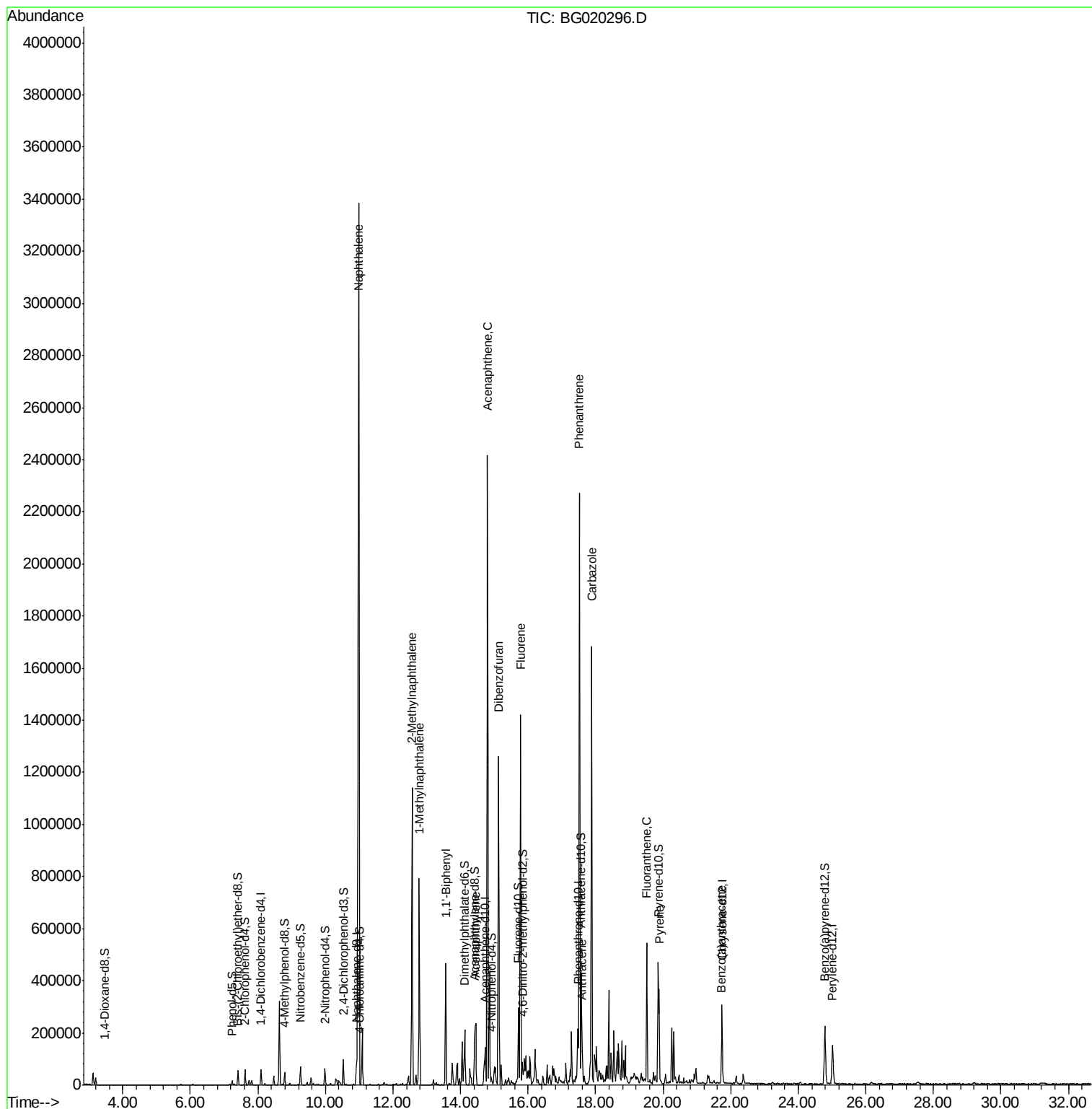
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020296.D
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 Sample : G4768-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

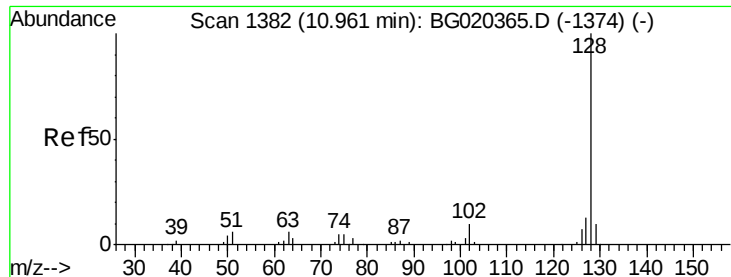
Instrument :
 BNA_G
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 D9N40

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Quant Time: Dec 20 03:31:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
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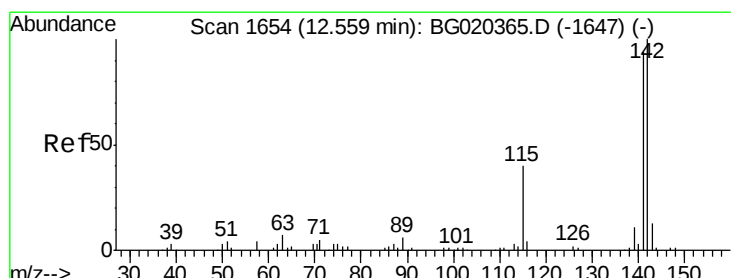
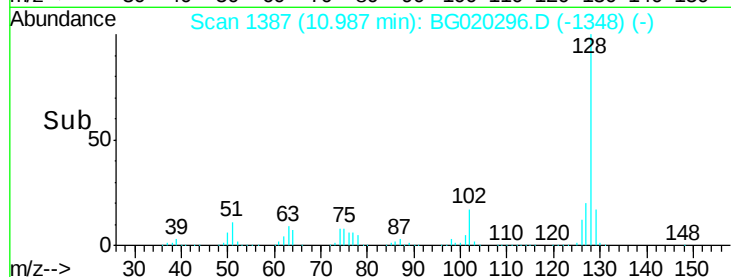
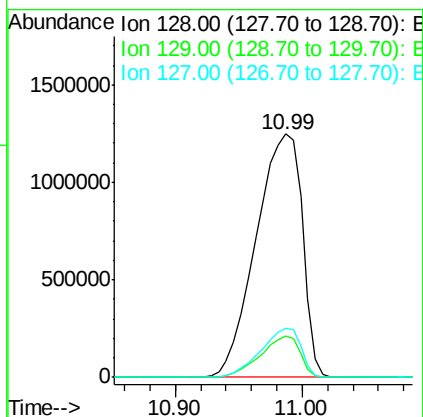
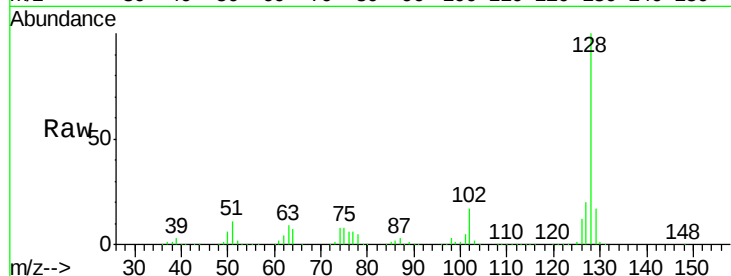
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Naphthalene
Concen: 806.46 ng/ul
RT: 10.99 min Scan# 1387
Delta R.T. 0.03 min
Lab File: BG020296.D
Acq: 19 Dec 2015 4:51

Instrument :
BNA_G
ClientSampleId :
D9N40

Tot Ion	Ratio	Lower	Upper
128	100		
129	17.0	8.6	12.8#
127	20.4	10.1	15.1#

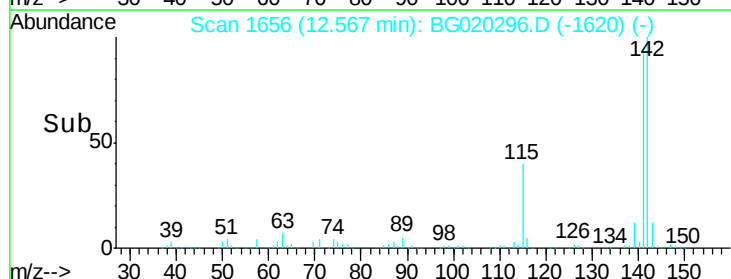
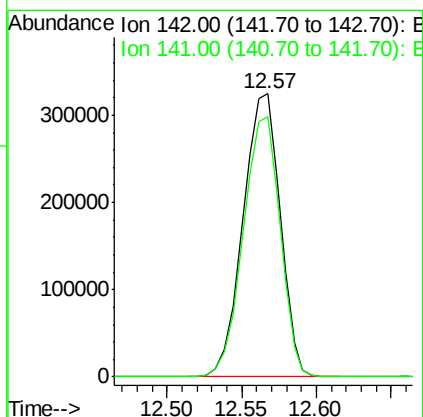
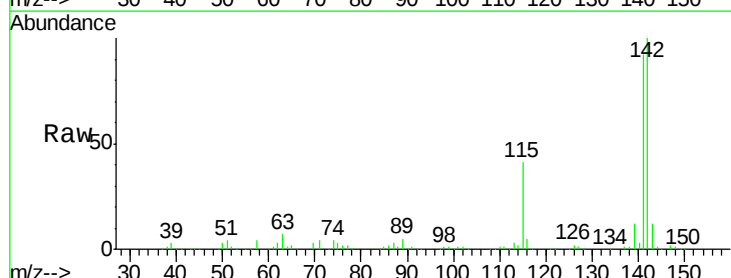
Manual Integrations
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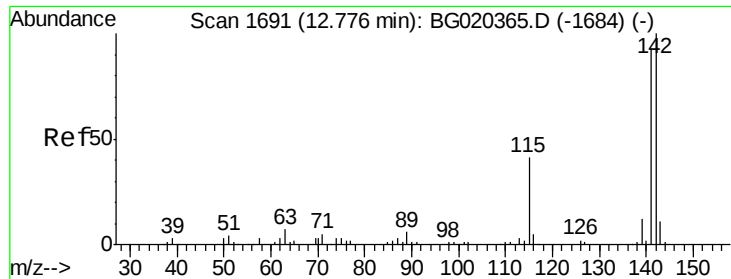
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#34
2-Methylnaphthalene
Concen: 186.39 ng/ul
RT: 12.57 min Scan# 1656
Delta R.T. 0.01 min
Lab File: BG020296.D
Acq: 19 Dec 2015 4:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.9	112.3





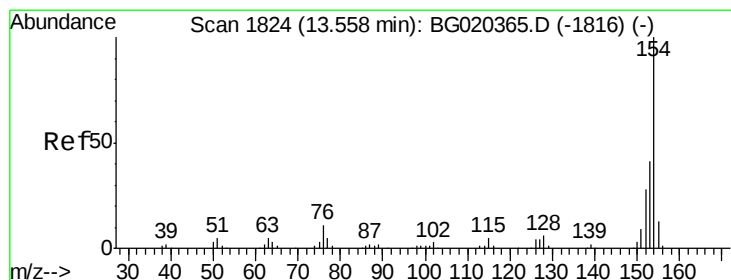
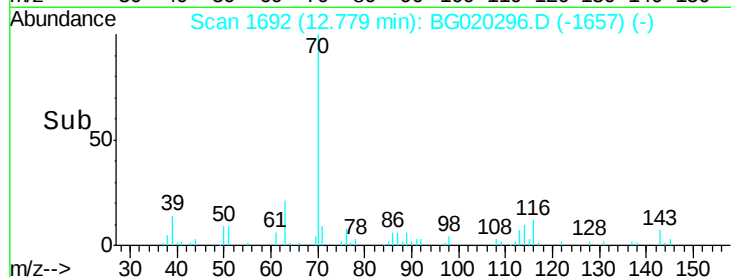
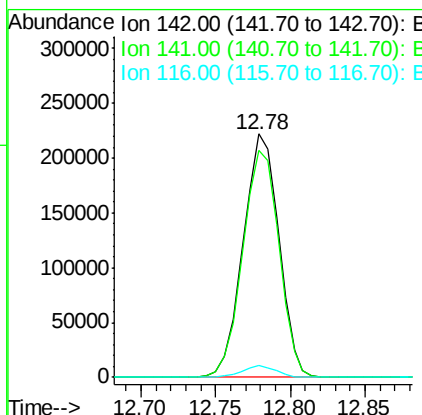
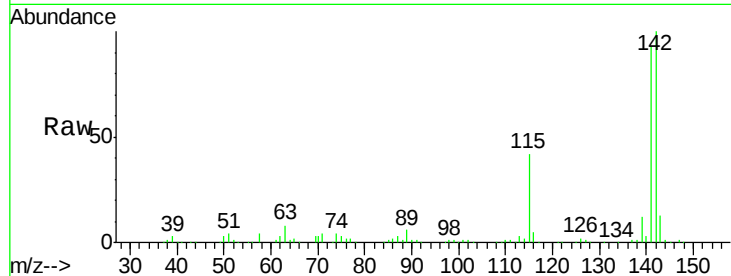
#35
 1-Methylnaphthalene
 Concen: 127.62 ng/ul
 RT: 12.78 min Scan# 1692
 Delta R.T. 0.01 min
 Lab File: BG020296.D
 Acq: 19 Dec 2015 4:51

Instrument :
 BNA_G
 ClientSampleId :
 D9N40

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.0	109.6
116	4.8	3.0	4.6

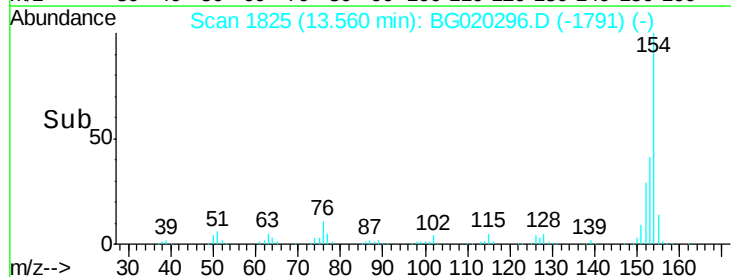
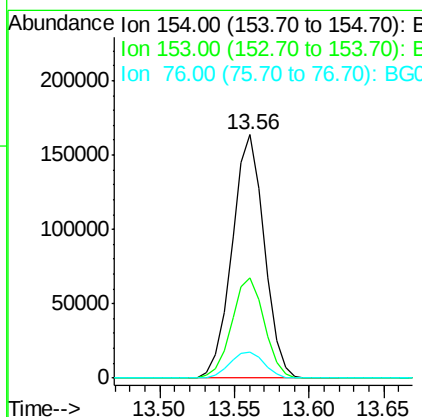
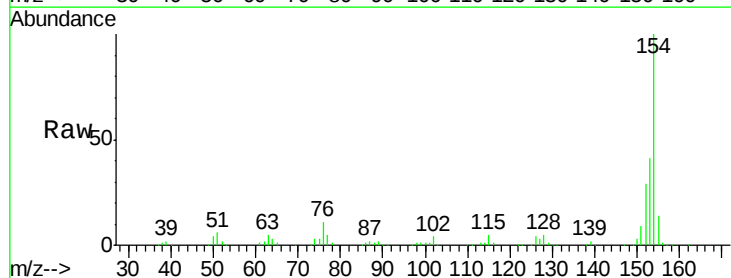
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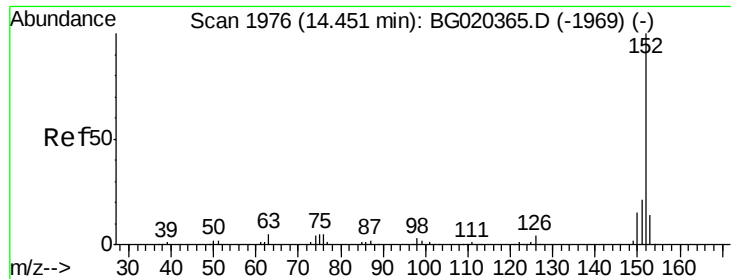
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#41
 1,1'-Biphenyl
 Concen: 61.08 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BG020296.D
 Acq: 19 Dec 2015 4:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	35.5	53.3
76	10.7	10.4	15.6





#48

Acenaphthylene

Concen: 25.44 ng/ul

RT: 14.45 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG020296.D

Acq: 19 Dec 2015 4:51

Instrument :

BNA_G

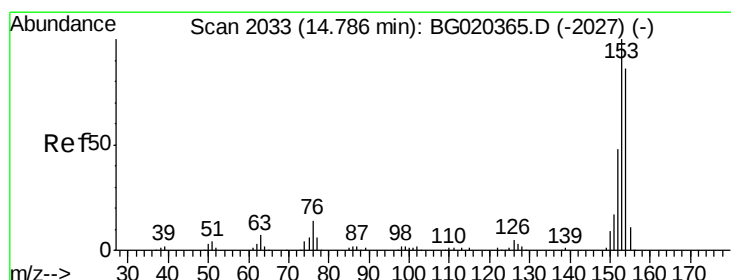
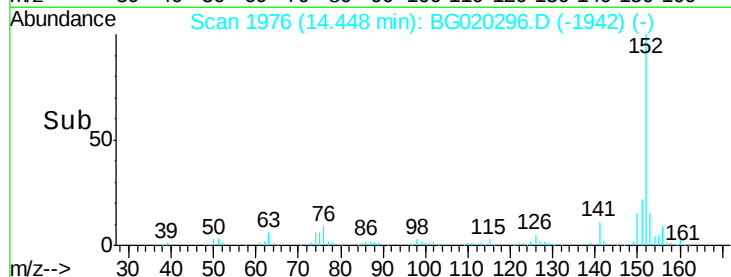
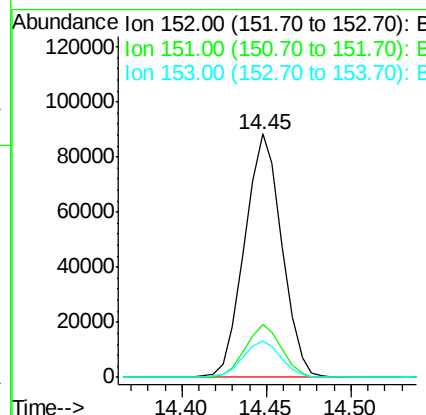
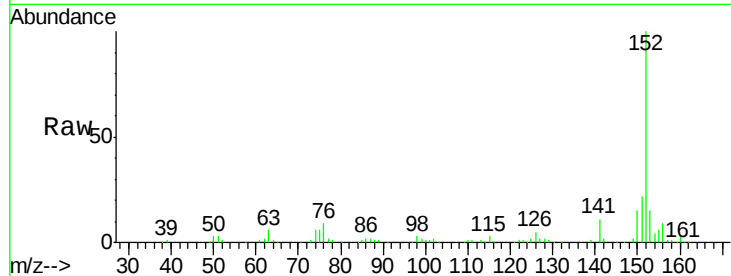
ClientSampleId :

D9N40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		135751		
151	21.8	16.4	24.6		
153	14.8	10.4	15.6		

Manual Integrations
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#50

Acenaphthene

Concen: 297.06 ng/ul

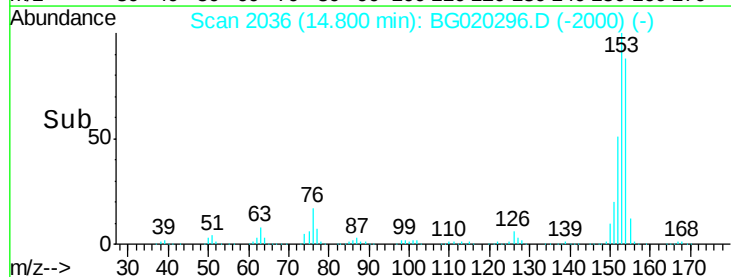
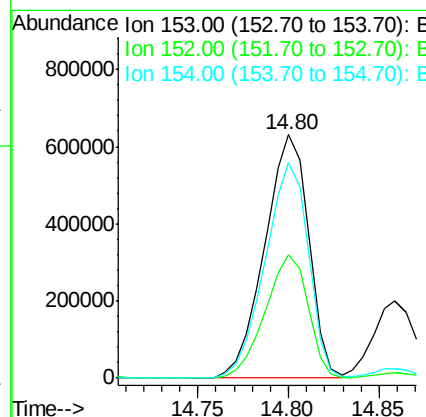
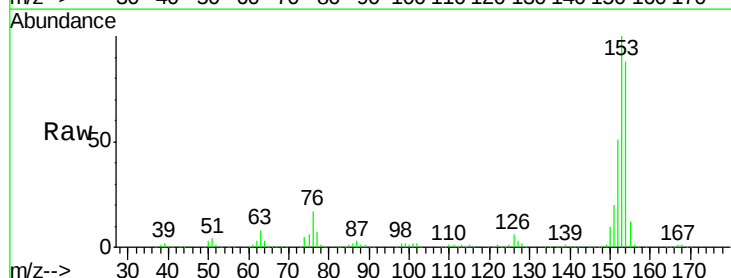
RT: 14.80 min Scan# 2036

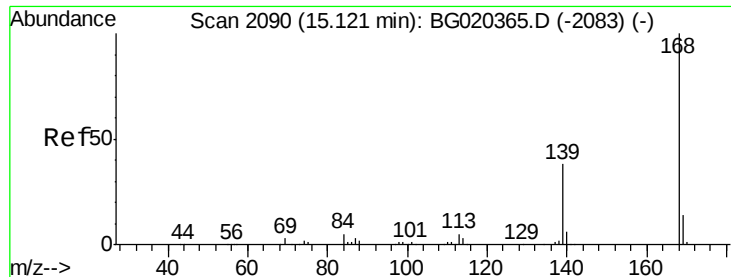
Delta R.T. 0.01 min

Lab File: BG020296.D

Acq: 19 Dec 2015 4:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		1066434		
152	50.6	37.6	56.4		
154	88.3	67.9	101.9		





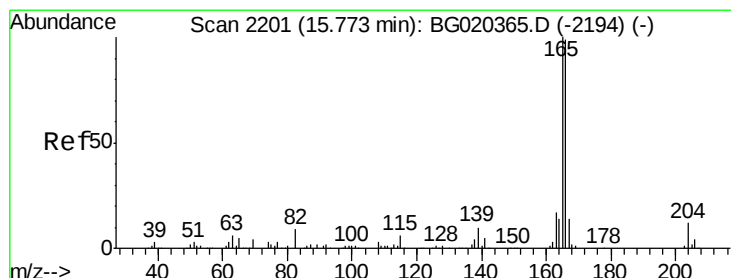
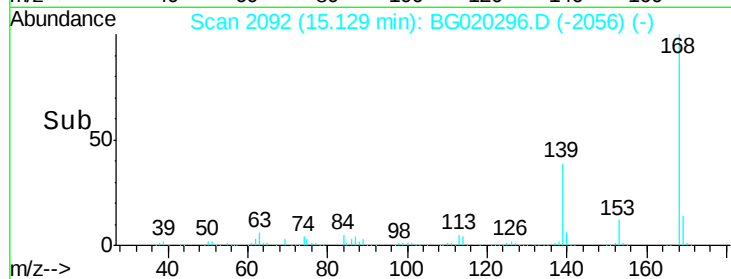
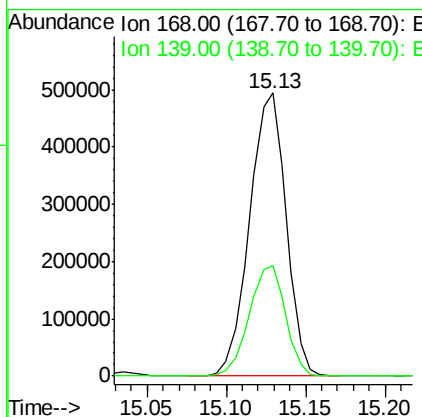
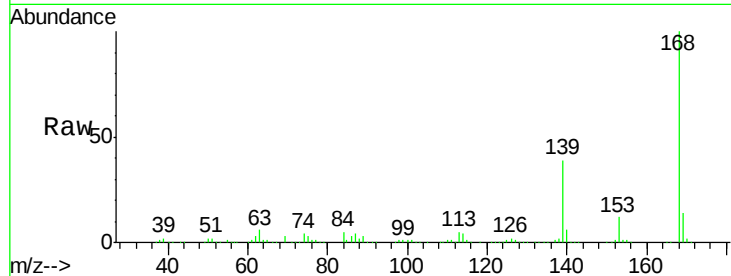
#54
Dibenzenofuran
Concen: 148.28 ng/ul
RT: 15.13 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BG020296.D
Acq: 19 Dec 2015 4:51

Instrument :
BNA_G
ClientSampleId :
D9N40

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.5	45.7

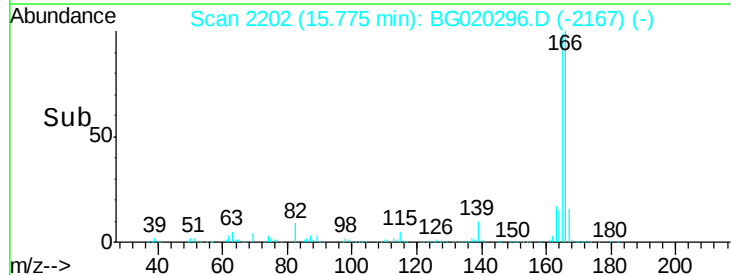
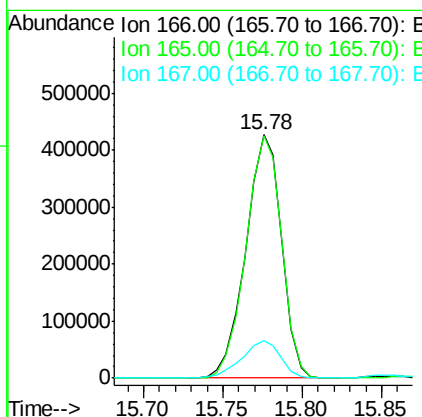
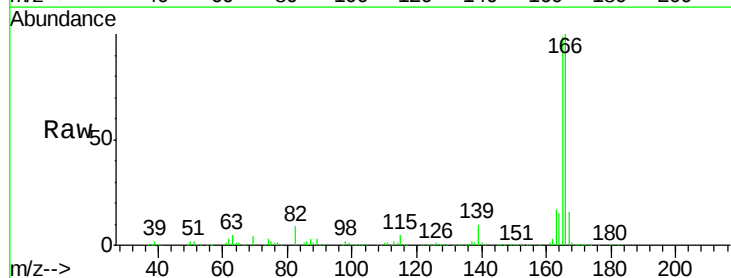
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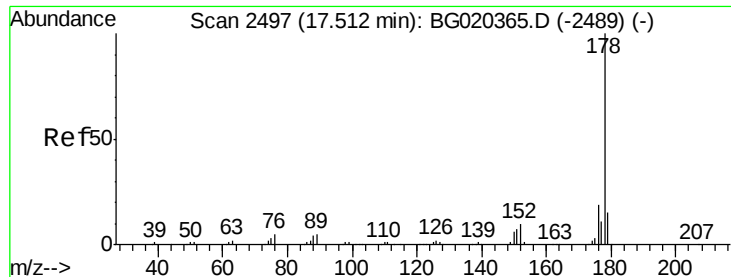
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#59
Fluorene
Concen: 155.34 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BG020296.D
Acq: 19 Dec 2015 4:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	81.4	122.0
167	15.6	11.2	16.8





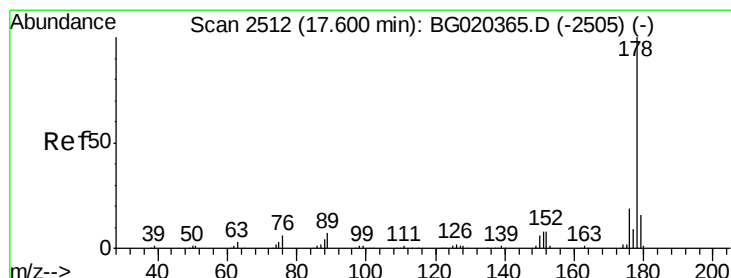
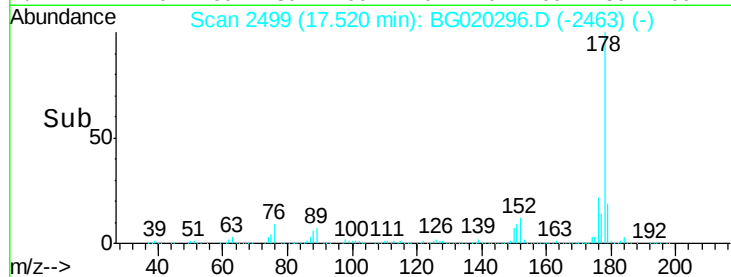
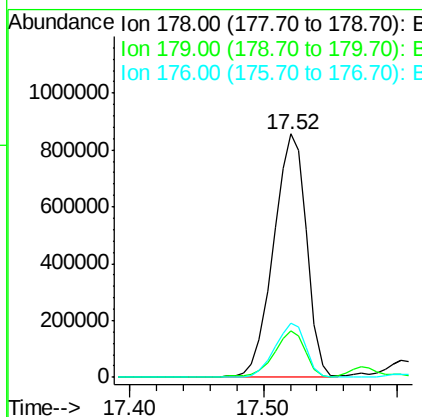
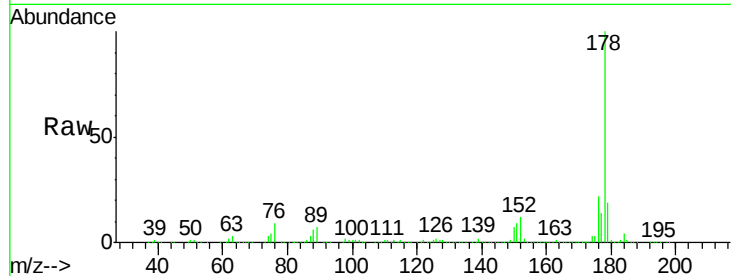
#70
Phenanthrene
Concen: 205.68 ng/ul
RT: 17.52 min Scan# 2499
Delta R.T. 0.01 min
Lab File: BG020296.D
Acq: 19 Dec 2015 4:51

Instrument :
BNA_G
ClientSampleId :
D9N40

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.9	19.3
176	22.4	15.3	22.9

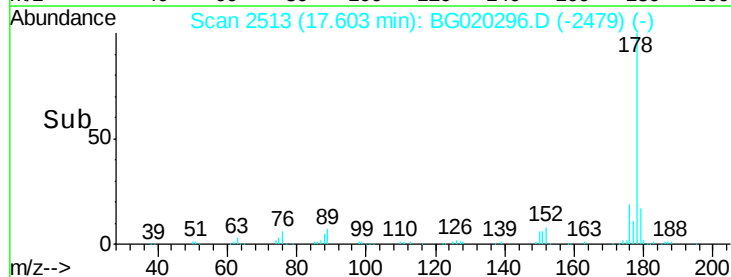
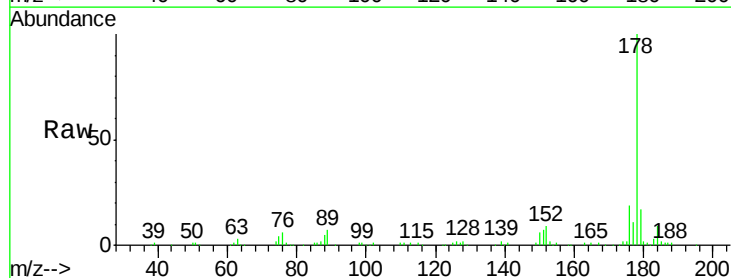
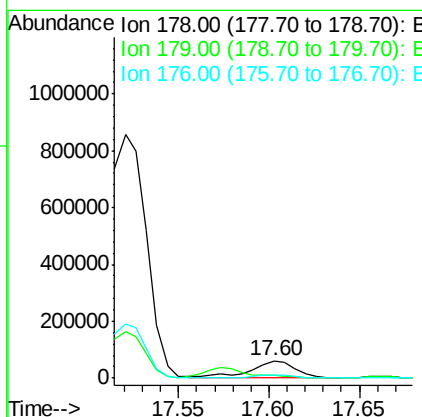
Manual Integrations
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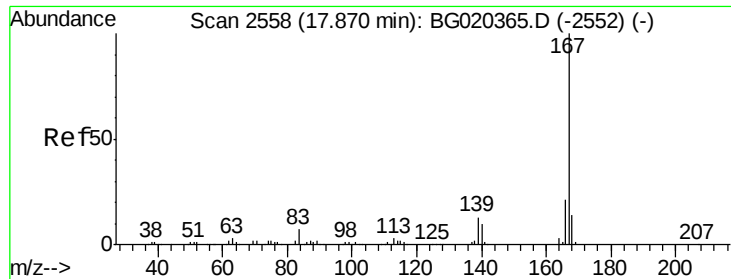
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#72
Anthracene
Concen: 14.49 ng/ul m
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG020296.D
Acq: 19 Dec 2015 4:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	18.7	14.3	21.5





#75

Carbazole

Concen: 198.92 ng/ul

RT: 17.88 min Scan# 2561

Delta R.T. 0.02 min

Lab File: BG020296.D

Acq: 19 Dec 2015 4:51

Instrument :

BNA_G

ClientSampleId :

D9N40

Tot Ion:167 Resp: 1219623

Ion Ratio Lower Upper

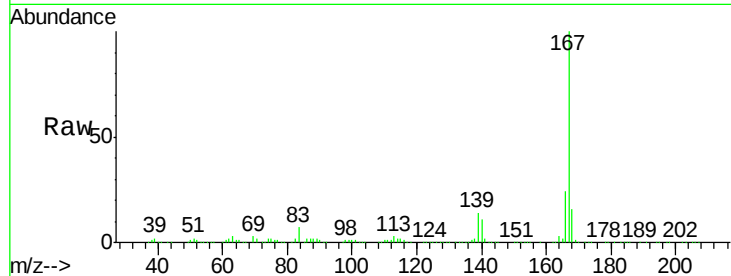
167 100

166 24.2 17.0 25.6

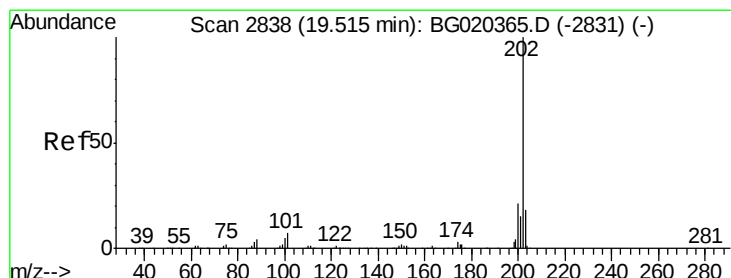
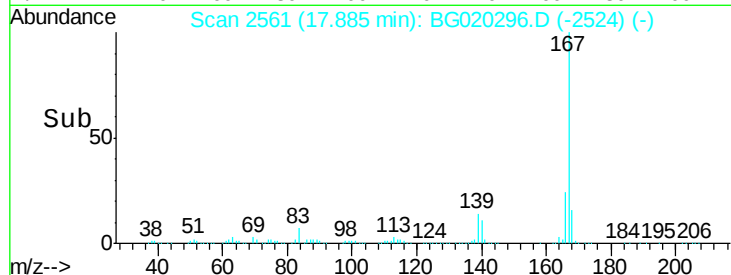
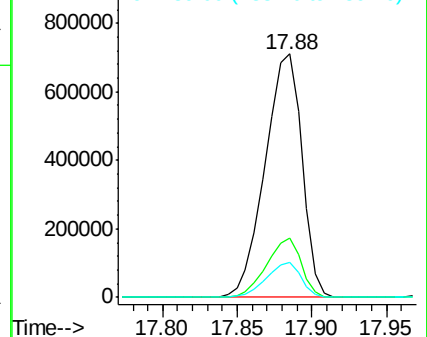
139 14.2 10.1 15.1

Manual Integrations
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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: 41.96 ng/ul

RT: 19.52 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG020296.D

Acq: 19 Dec 2015 4:51

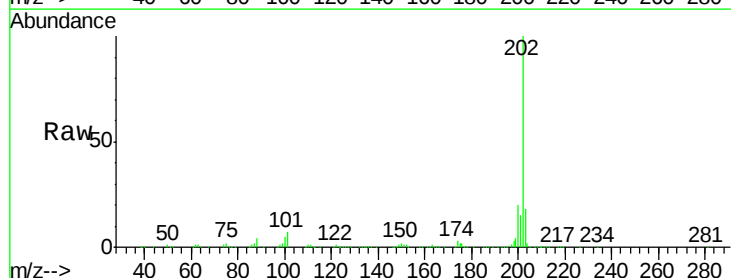
Tgt Ion:202 Resp: 352821

Ion Ratio Lower Upper

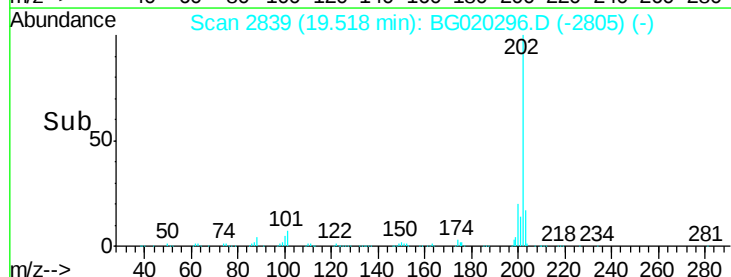
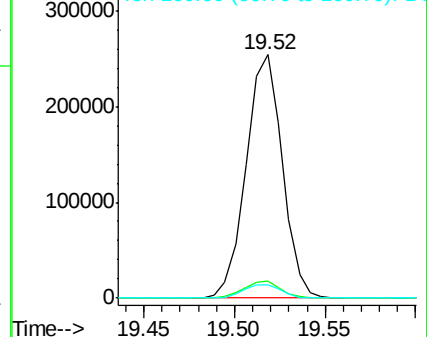
202 100

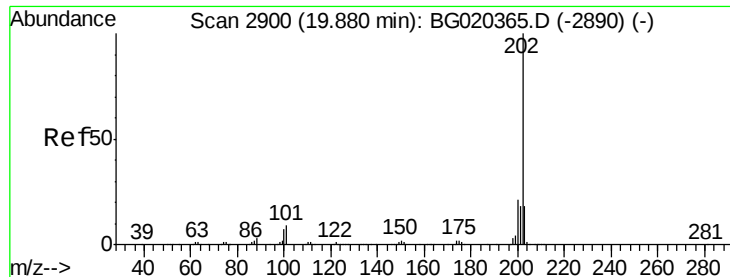
101 6.8 6.2 9.4

100 5.4 5.1 7.7



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





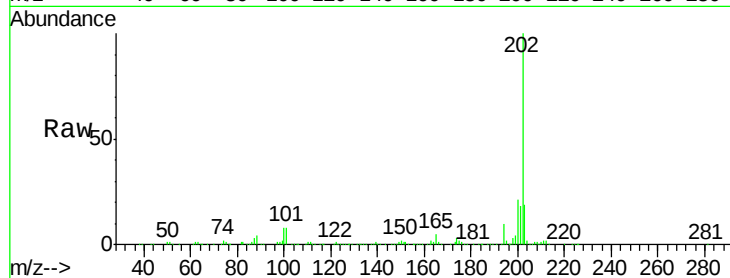
#80
Pvrene
Concen: 19.41 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020296.D
Acq: 19 Dec 2015 4:51

Instrument :
BNA_G
ClientSampleId :
D9N40

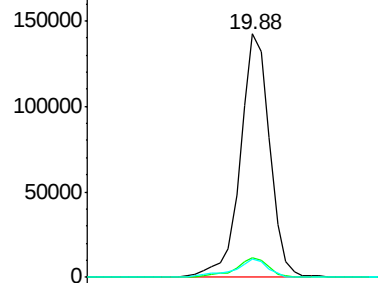
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100	7.6	6.4	9.6

Manual Integrations
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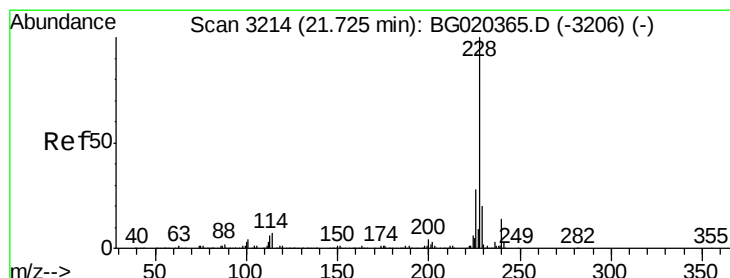
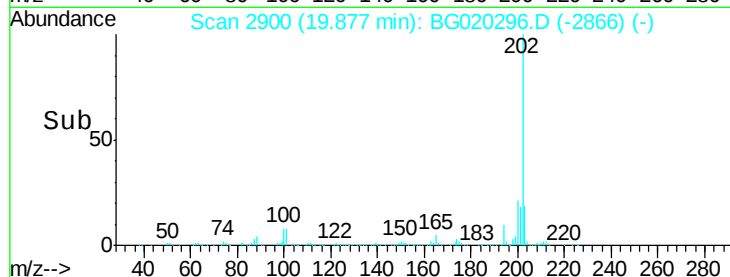
apatel
12/22/2015 12:36:31 PM



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



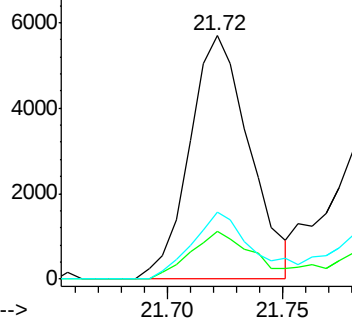
Time-->



#83
Benzo(a)anthracene
Concen: 1.01 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BG020296.D
Acq: 19 Dec 2015 4:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.7	15.8	23.8
226	27.4	21.8	32.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



Time-->

