

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019491.D
 Acq On : 5 Nov 2015 14:11
 Operator : UM/NP
 Sample : G4273-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP0

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:43:18 PM

Quant Time: Nov 06 06:07:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	39046	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	164837	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	128655	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	356740	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	462700	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	439959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	2310	2.83	ng/uL	0.00
5) Phenol-d5	7.33	99	60852	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	43324	19.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	39869	17.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	49081	17.19	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	21450	17.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	24569	17.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	50669	16.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	56272	17.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	197828	18.65	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	208935	17.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	28575	16.96	ng/ul	0.00
58) Fluorene-d10	15.79	176	168706	17.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	34817	15.08	ng/ul	0.00
71) Anthracene-d10	17.65	188	293495	18.05	ng/ul	0.00
79) Pyrene-d10	19.92	212	354757	17.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	394774	17.88	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	87860	8.10	ng/ul	97
50) Acenaphthene	14.87	153	35024	4.31	ng/ul	95
54) Dibenzofuran	15.21	168	23701	1.98	ng/ul	93
59) Fluorene	15.85	166	46370	4.44	ng/ul#	96
70) Phenanthrene	17.59	178	142184	7.90	ng/ul	96
72) Anthracene	17.68	178	117798	6.42	ng/ul	99
77) Fluoranthene	19.59	202	241497	10.36	ng/ul#	93
80) Pyrene	19.95	202	171803	6.62	ng/ul#	93
83) Benzo(a)anthracene	21.80	228	90874	3.37	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	13405m	1.12	ng/ul	
85) Chrysene	21.87	228	73733	2.92	ng/ul	98
88) Benzo(b)fluoranthene	24.10	252	65358m	2.52	ng/ul	
89) Benzo(k)fluoranthene	24.17	252	27787m	1.11	ng/ul	
91) Benzo(a)pyrene	25.01	252	51394	2.06	ng/ul#	96

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

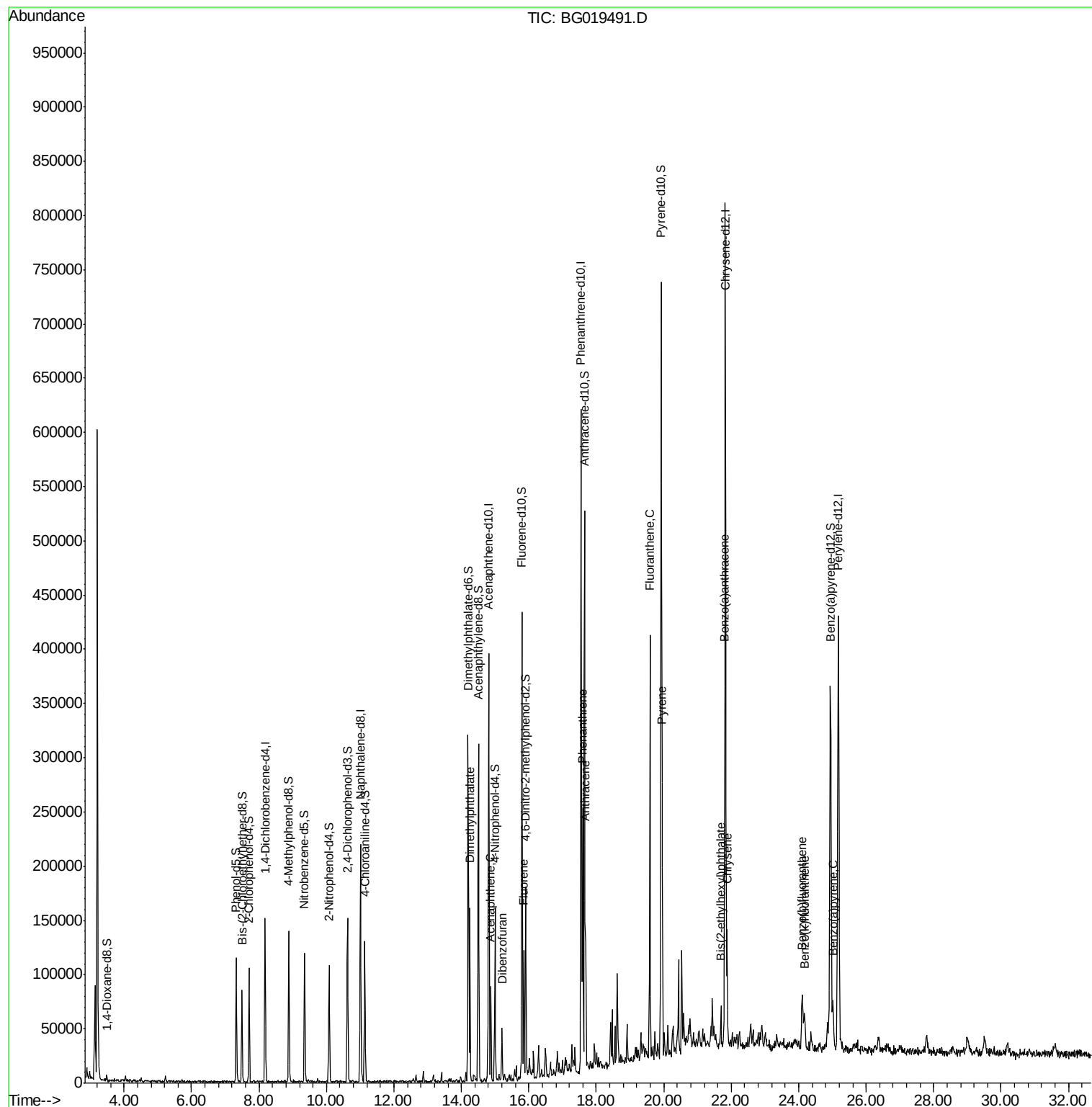
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019491.D
Acq On : 5 Nov 2015 14:11
Operator : UM/NP
Sample : G4273-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

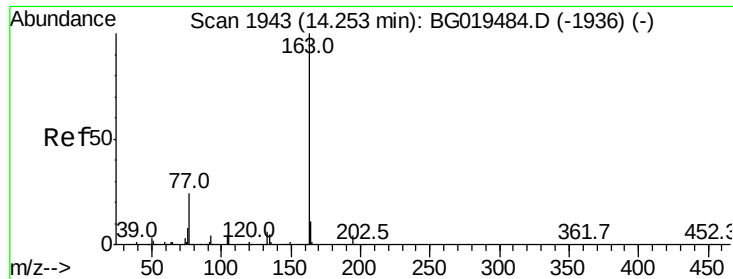
Instrument :
BNA_G
ClientSampleId :
C0AP0

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Quant Time: Nov 06 06:07:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 8.10 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

Instrument :

BNA_G

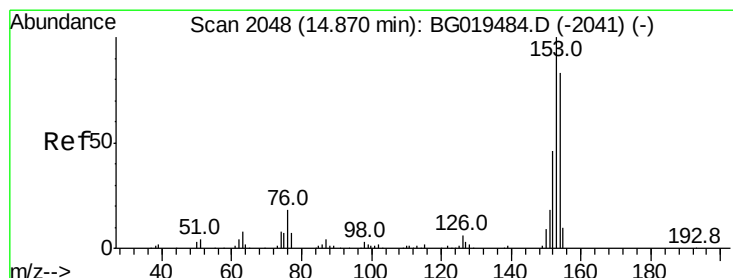
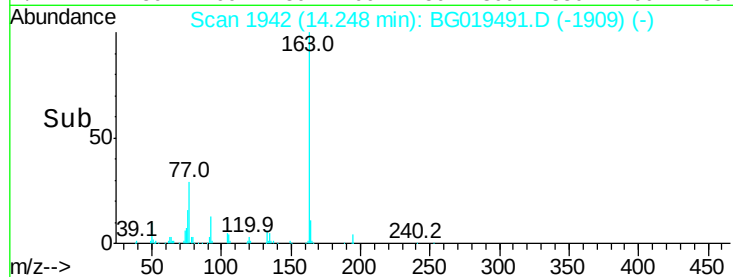
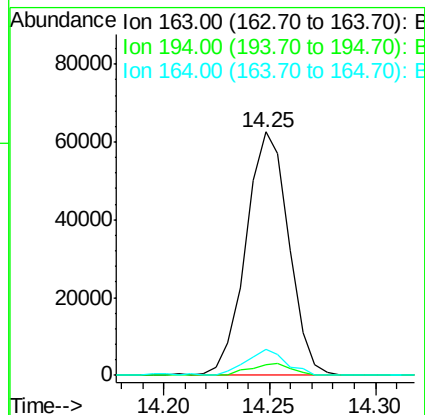
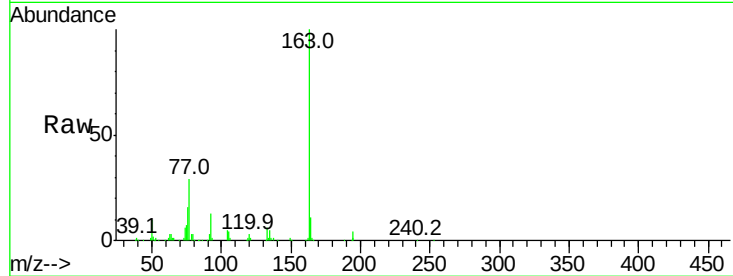
ClientSampleId :

C0AP0

Tot Ion:163	Resp:	87860
Ion Ratio	Lower	Upper
163 100		
194 4.5	4.3	6.5
164 10.5	7.5	11.3

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#50

Acenaphthene

Concen: 4.31 ng/ul

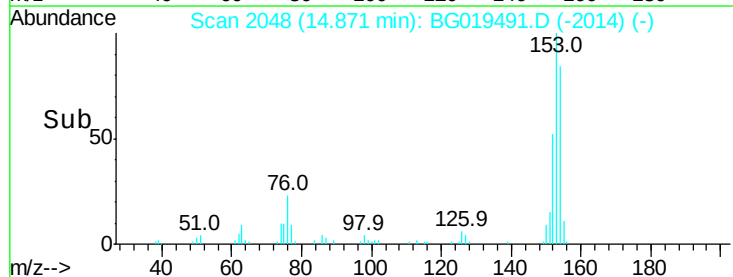
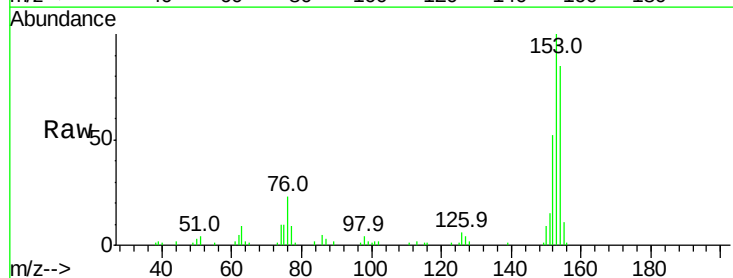
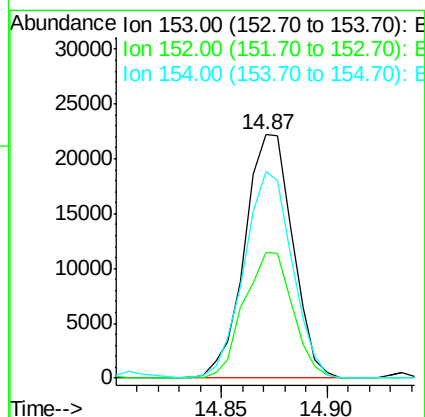
RT: 14.87 min Scan# 2048

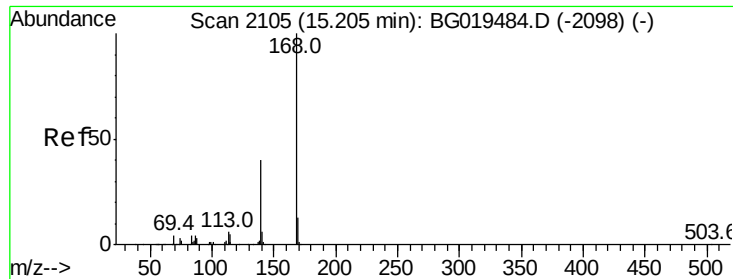
Delta R.T. 0.00 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

Tgt Ion:153	Resp:	35024
Ion Ratio	Lower	Upper
153 100		
152 51.7	38.8	58.2
154 84.9	71.5	107.3





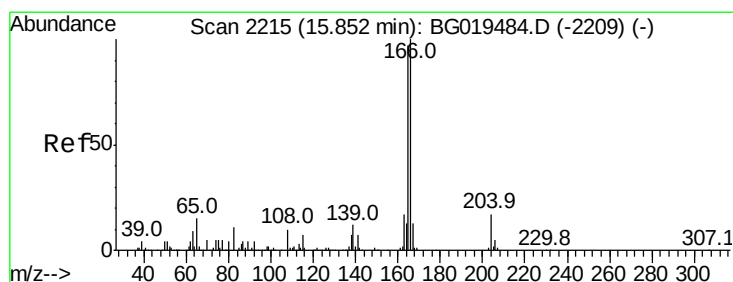
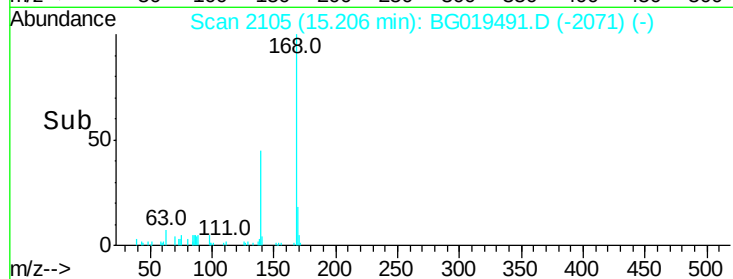
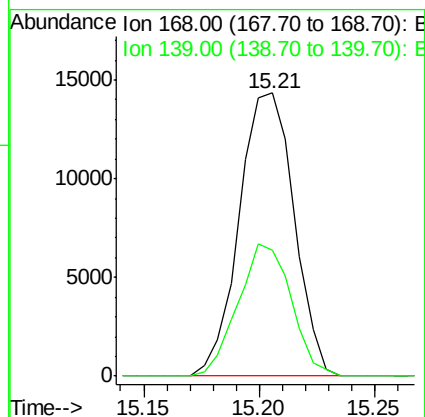
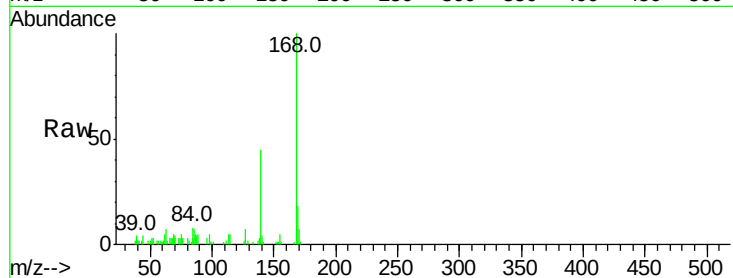
#54
Dibenzofuran
Concen: 1.98 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG019491.D
Acq: 5 Nov 2015 14:11

Instrument :
BNA_G
ClientSampleId :
C0AP0

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.6	32.4	48.6

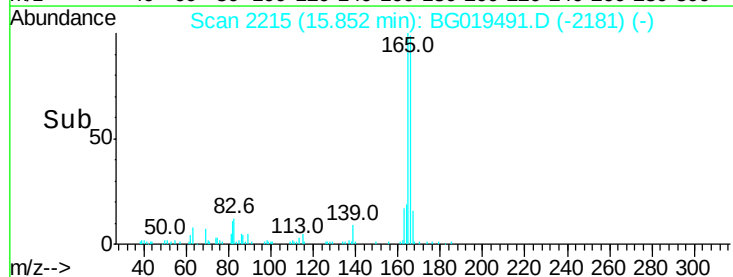
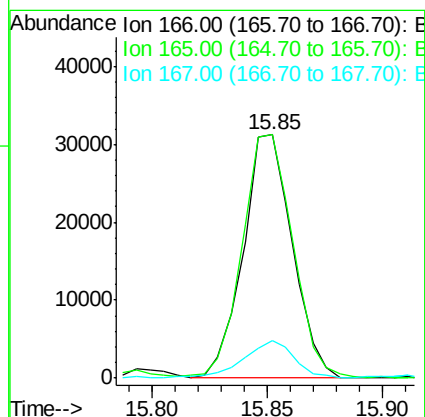
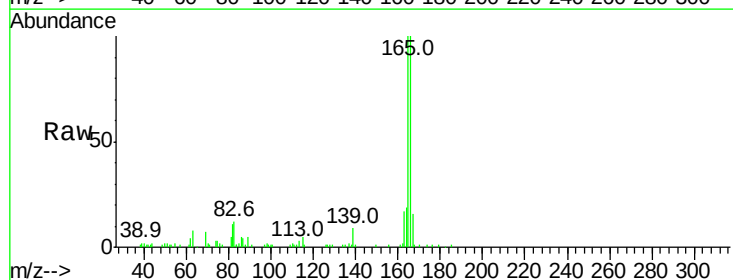
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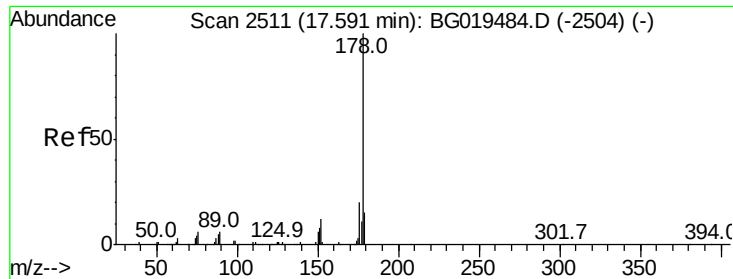
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#59
Fluorene
Concen: 4.44 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG019491.D
Acq: 5 Nov 2015 14:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.6	116.4
167	15.7	9.6	14.4#





#70

Phenanthrene

Concen: 7.90 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

Instrument :

BNA_G

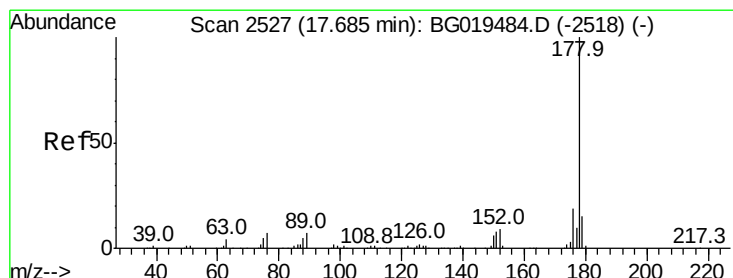
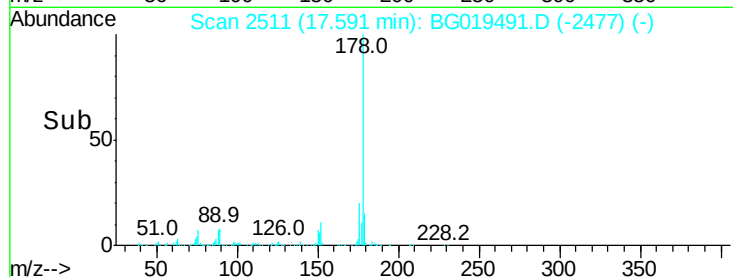
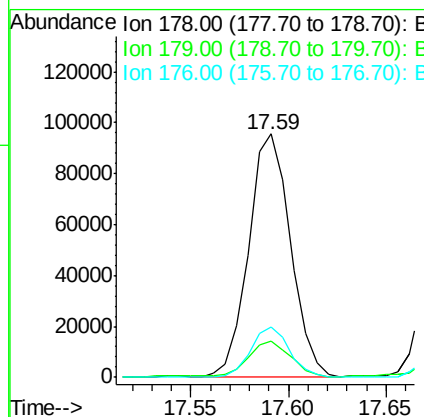
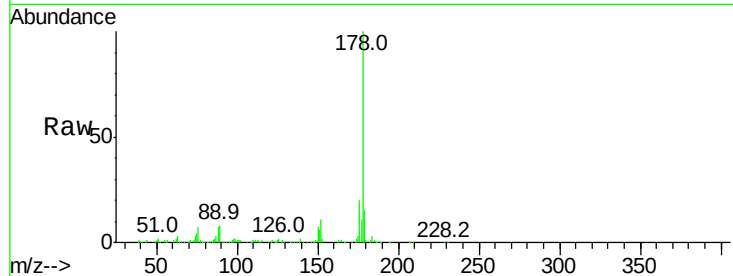
ClientSampleId :

C0AP0

Tot Ion:	178	Resp:	142184
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.6	18.8
176	20.4	14.3	21.5

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#72

Anthracene

Concen: 6.42 ng/ul

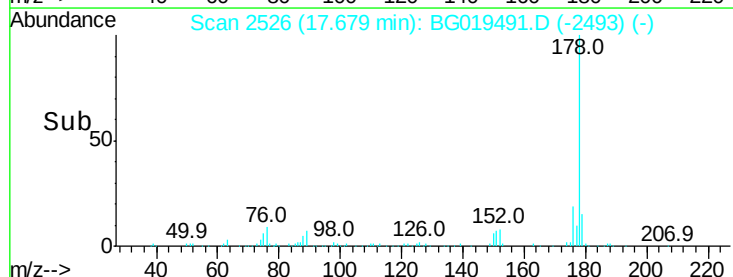
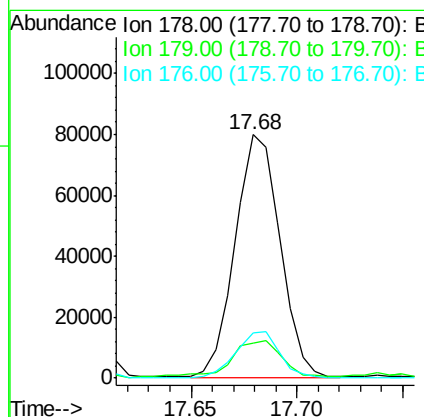
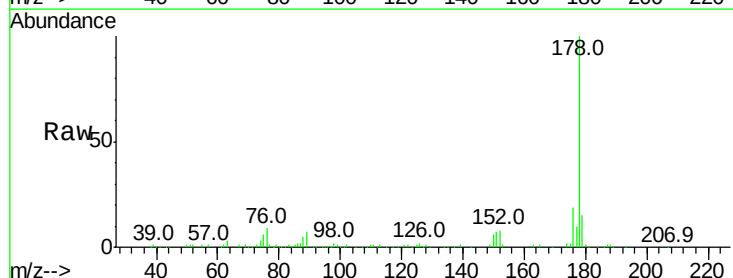
RT: 17.68 min Scan# 2526

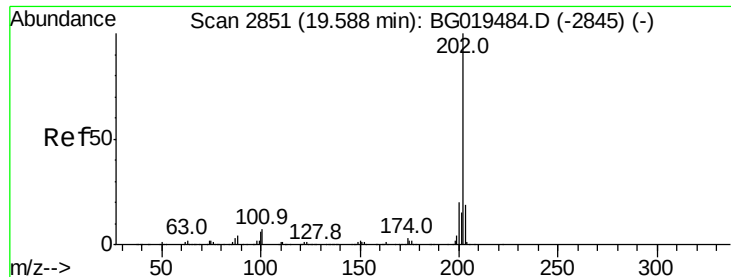
Delta R.T. -0.01 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

Tgt Ion:	178	Resp:	117798
Ion Ratio	Lower	Upper	
178	100		
179	14.6	11.6	17.4
176	18.7	14.2	21.4





#77

Fluoranthene

Concen: 10.36 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

Instrument :

BNA_G

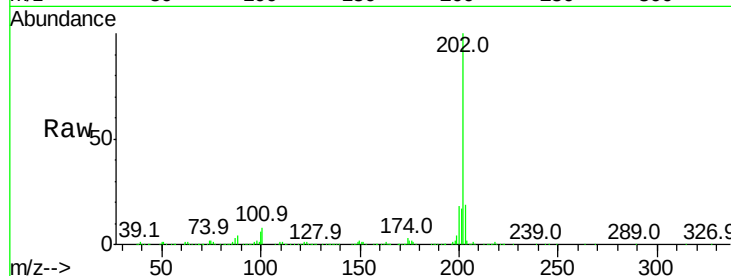
ClientSampleId :

C0AP0

Tot Ion:	202	Resp:	241497
Ion Ratio	Lower	Upper	
202	100		
101	7.7	4.0	6.0#
100	6.2	3.6	5.4#

Manual Integrations
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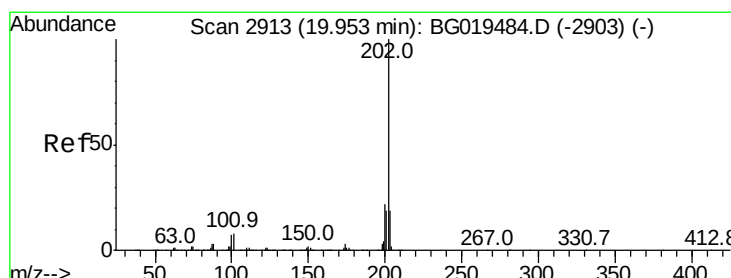
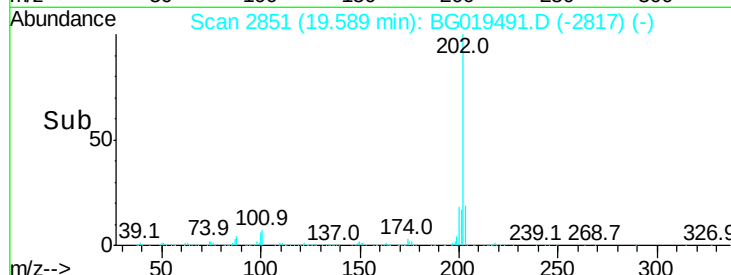
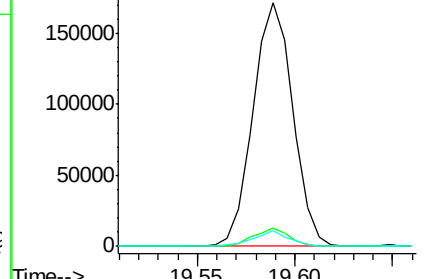
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 6.62 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG019491.D

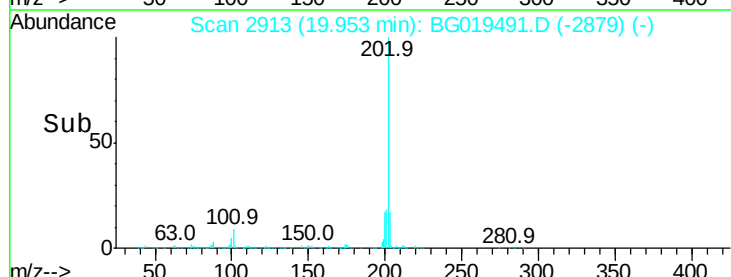
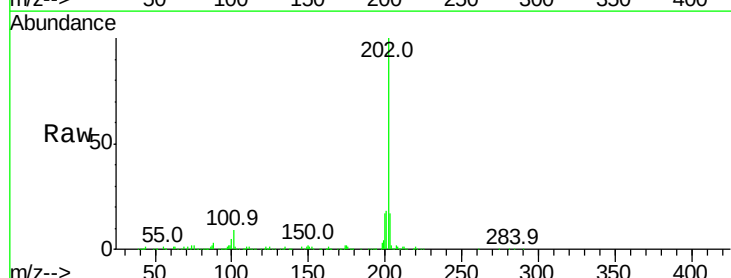
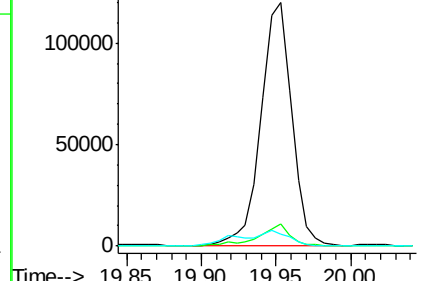
Acq: 5 Nov 2015 14:11

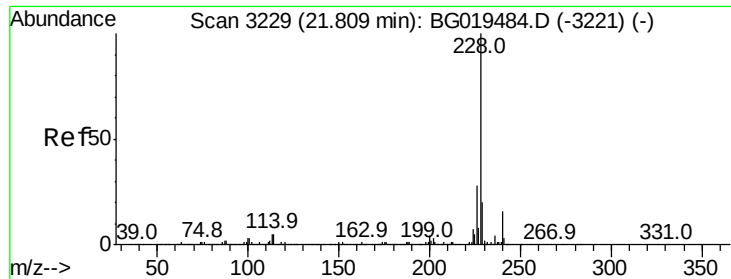
Tgt Ion:	202	Resp:	171803
Ion Ratio	Lower	Upper	
202	100		
101	9.2	4.3	6.5#
100	5.0	3.6	5.4

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





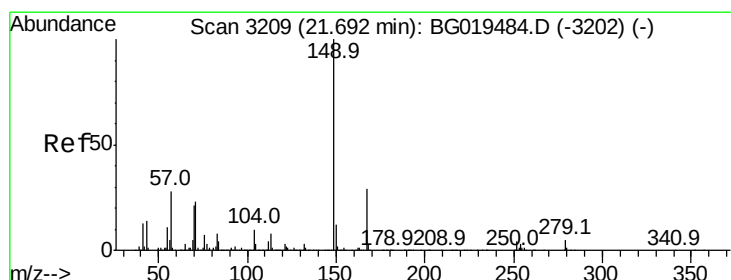
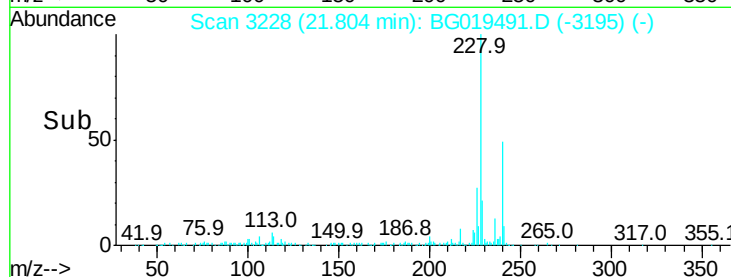
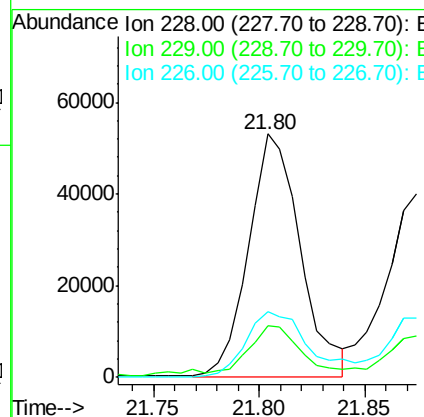
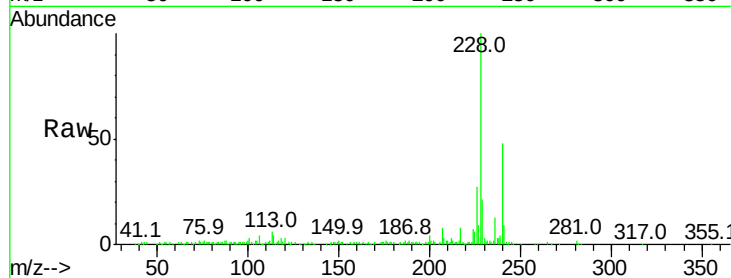
#83
 Benzo(a)anthracene
 Concen: 3.37 ng/ul
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BG019491.D
 Acq: 5 Nov 2015 14:11

Instrument :
 BNA_G
 ClientSampleId :
 C0AP0

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	26.8	21.8	32.6

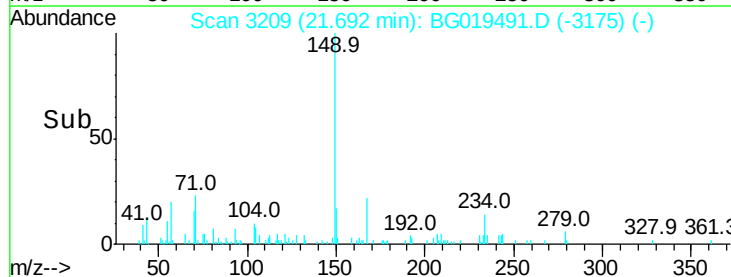
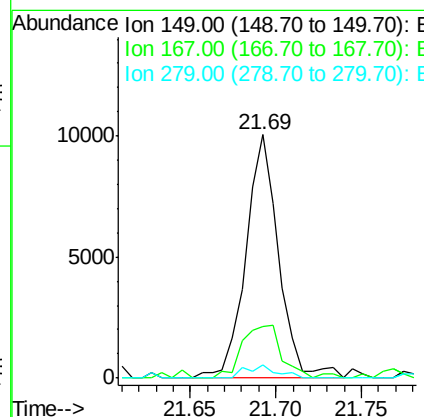
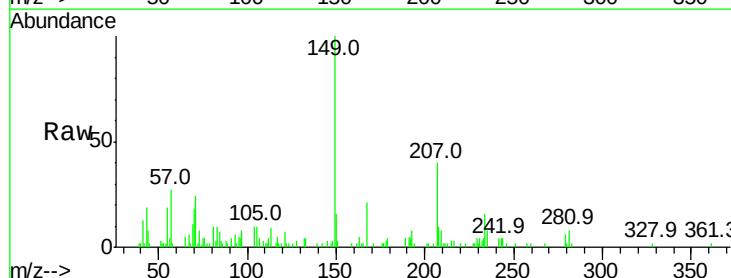
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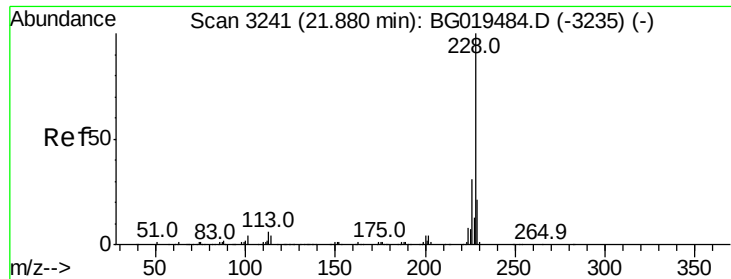
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 11/6/2015 3:43:18 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.12 ng/ul m
 RT: 21.69 min Scan# 3209
 Delta R.T. 0.00 min
 Lab File: BG019491.D
 Acq: 5 Nov 2015 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	21.3	23.2	34.8#
279	5.6	5.0	7.4





#85

Chrysene

Concen: 2.92 ng/ul

RT: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

Instrument :

BNA_G

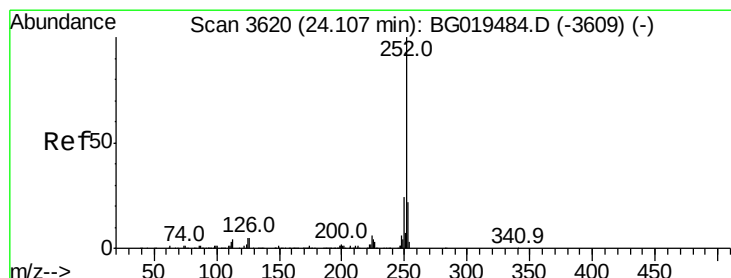
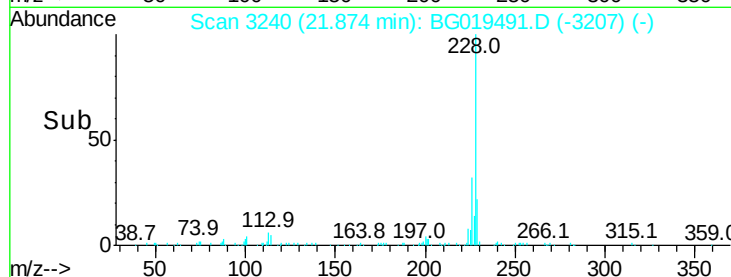
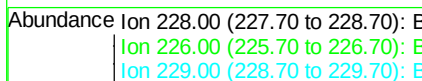
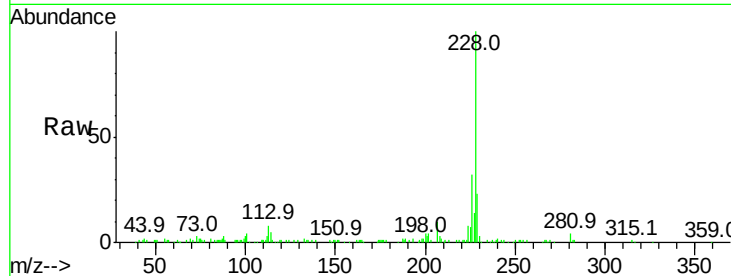
ClientSampleId :

C0AP0

Tot Ion:	228	Resp:	73733
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.6	36.8
229	22.6	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.52 ng/ul m

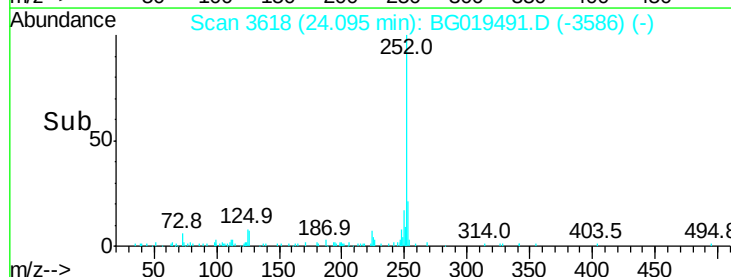
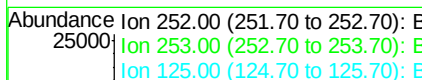
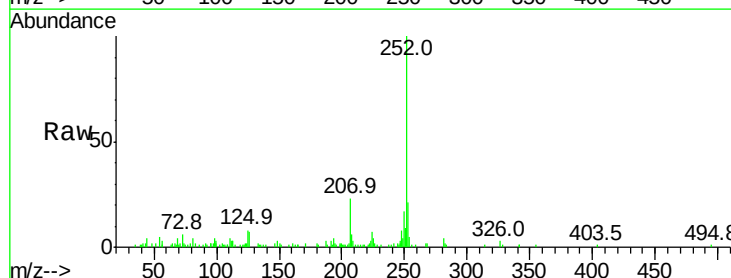
RT: 24.10 min Scan# 3618

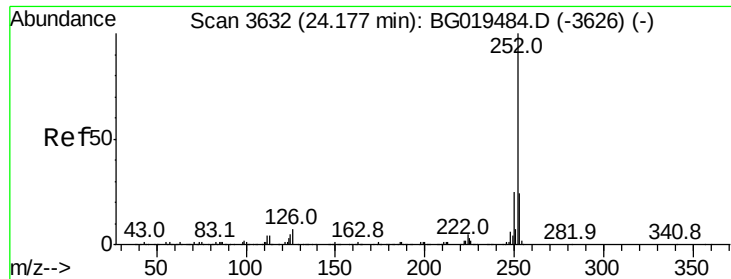
Delta R.T. -0.01 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

Tgt Ion:	252	Resp:	65358
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.1	25.7
125	7.8	2.5	3.7#





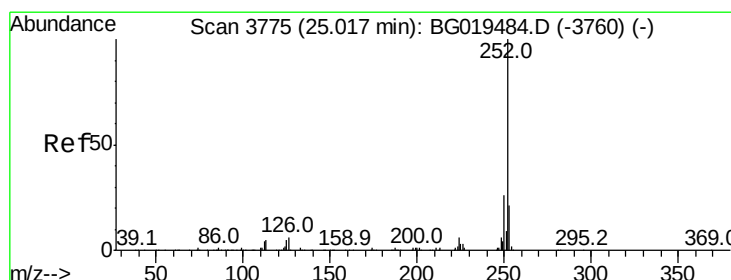
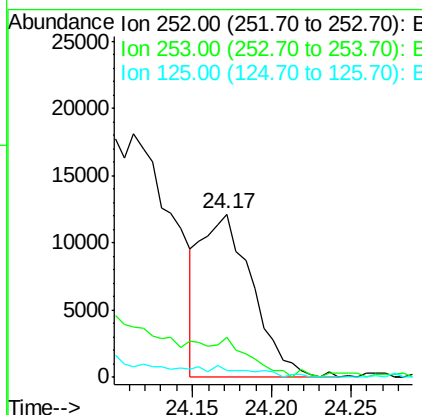
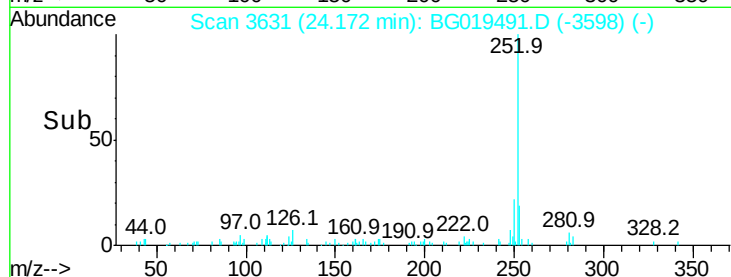
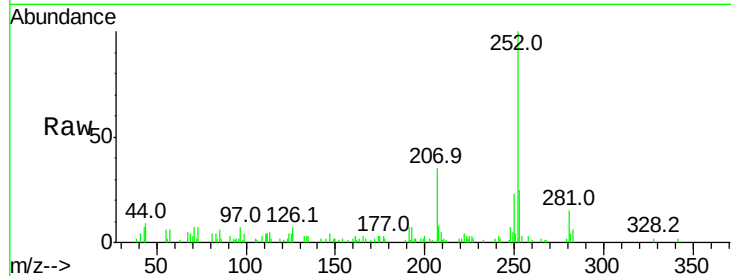
#89
 Benzo(k)fluoranthene
 Concen: 1.11 ng/ul m
 RT: 24.17 min Scan# 3631
 Delta R.T. -0.01 min
 Lab File: BG019491.D
 Acq: 5 Nov 2015 14:11

Instrument :
 BNA_G
 ClientSampleId :
 C0AP0

Tot Ion:	252	Resp:	27787
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.2	25.8
125	3.9	3.1	4.7

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:43:18 PM



#91
 Benzo(a)pyrene
 Concen: 2.06 ng/ul
 RT: 25.01 min Scan# 3774
 Delta R.T. -0.01 min
 Lab File: BG019491.D
 Acq: 5 Nov 2015 14:11

Tgt Ion:	252	Resp:	51394
Ion Ratio	Lower	Upper	
252	100		
253	18.4	16.0	24.0
125	6.5	3.3	4.9#

