

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019488.D
 Acq On : 5 Nov 2015 12:15
 Operator : UM/NP
 Sample : G4273-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AN7

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:43:08 PM

Quant Time: Nov 06 04:13:32 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	34333	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	142715	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	120413	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	338745	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	451746	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	427456	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2673	3.73	ng/uL	0.00
5) Phenol-d5	7.33	99	58694	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	39129	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	34862	17.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	45664	18.19	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	18322	17.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	23689	19.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	47454	17.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	53413	19.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	174645	17.59	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	190794	17.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	25966	16.46	ng/ul	0.00
58) Fluorene-d10	15.79	176	156878	17.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	32052	14.62	ng/ul	0.00
71) Anthracene-d10	17.64	188	268914	17.41	ng/ul	0.00
79) Pyrene-d10	19.92	212	329531	16.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	371129	17.30	ng/ul	0.00

Target Compounds

						Ovalue
35) 1-Methylnaphthalene	12.87	142	5541	1.02	ng/ul#	97
45) Dimethylphthalate	14.25	163	69882	6.88	ng/ul	98
50) Acenaphthene	14.87	153	75501	9.93	ng/ul	99
54) Dibenzofuran	15.21	168	60770	5.42	ng/ul	94
59) Fluorene	15.85	166	89897	9.20	ng/ul	98
70) Phenanthrene	17.59	178	322637	18.87	ng/ul	95
72) Anthracene	17.68	178	174846	10.03	ng/ul	94
75) Carbazole	17.94	167	17911	1.29	ng/ul#	94
77) Fluoranthene	19.59	202	393033	17.76	ng/ul#	97
80) Pyrene	19.95	202	278045	10.97	ng/ul#	95
83) Benzo(a)anthracene	21.81	228	151326	5.75	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.69	149	12195	1.04	ng/ul	96
85) Chrysene	21.87	228	109201	4.42	ng/ul	98
88) Benzo(b)fluoranthene	24.10	252	122519	4.86	ng/ul#	91
89) Benzo(k)fluoranthene	24.17	252	41598m	1.71	ng/ul	
91) Benzo(a)pyrene	25.01	252	96335	3.98	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.01	276	47236m	1.73	ng/ul	
94) Benzo(g,h,i)perylene	30.18	276	34130m	1.65	ng/ul	

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

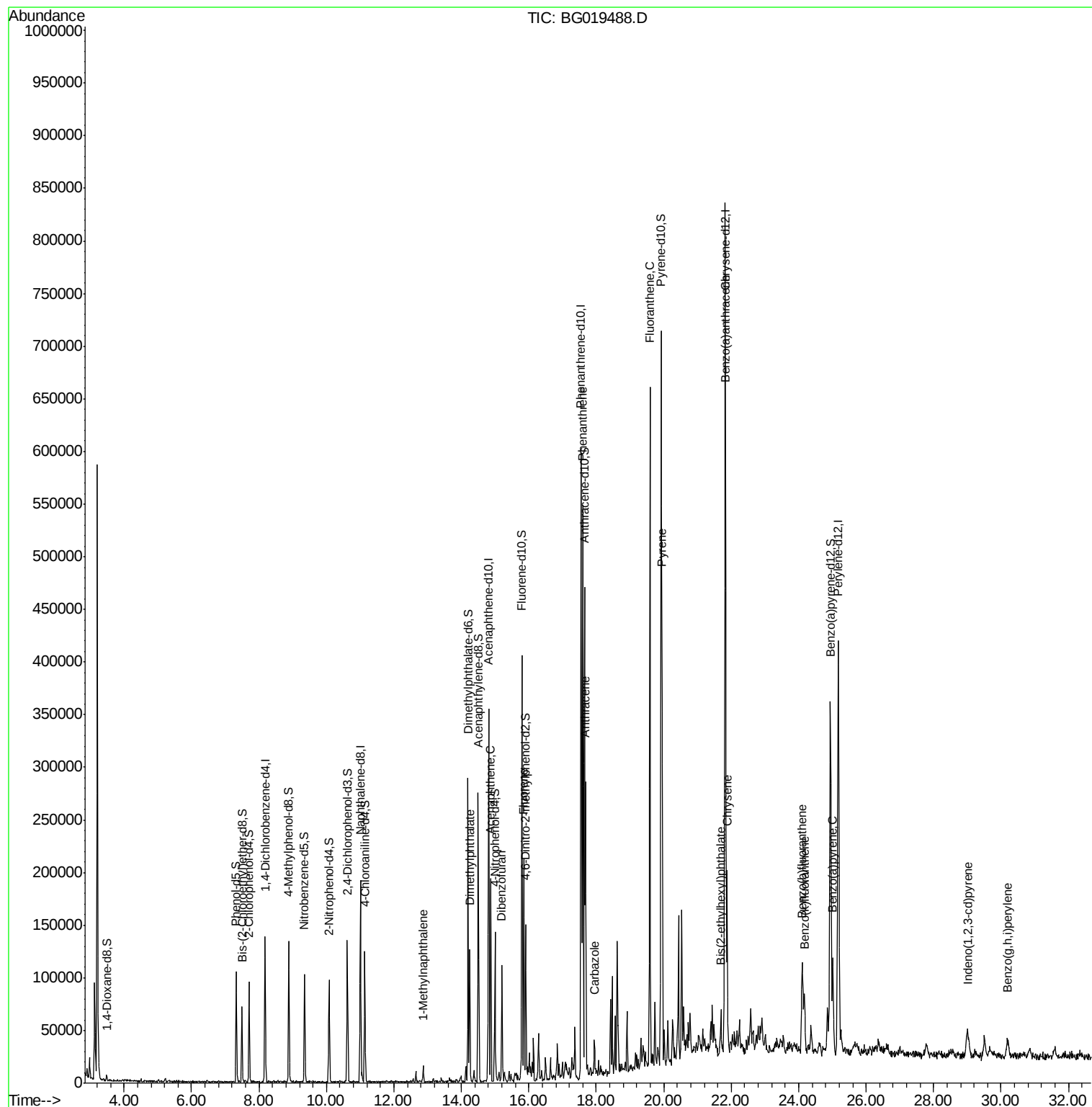
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019488.D
Acq On : 5 Nov 2015 12:15
Operator : UM/NP
Sample : G4273-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

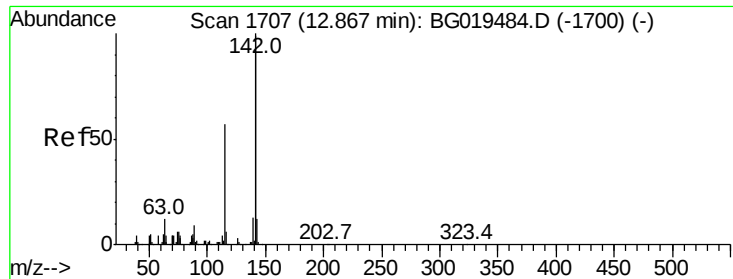
Instrument :
BNA_G
ClientSampleId :
C0AN7

Manual Integrations
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Quant Time: Nov 06 04:13:32 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





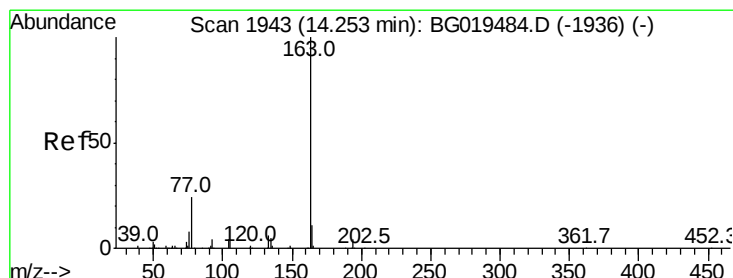
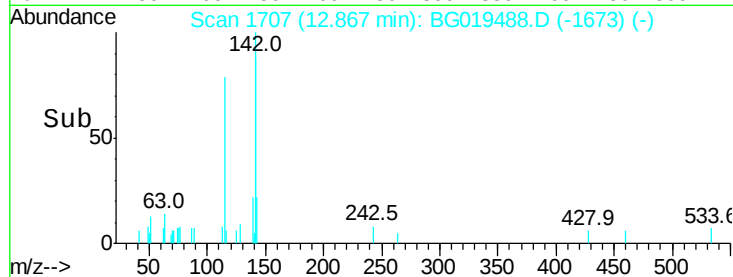
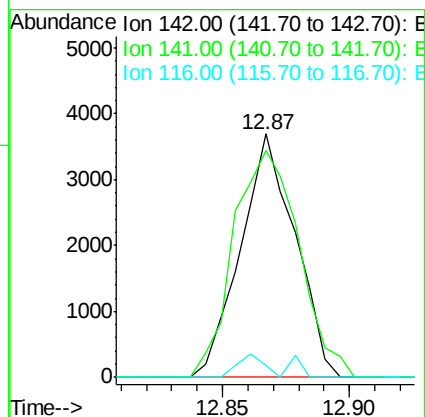
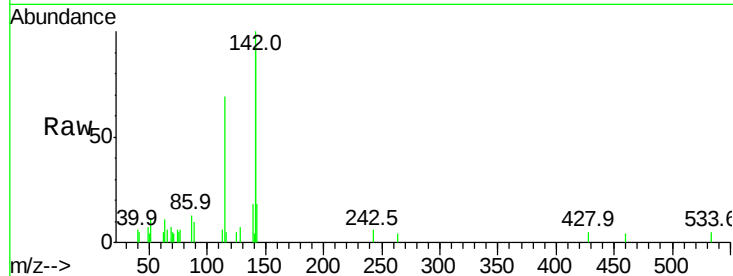
#35
 1-Methyl-naphthalene
 Concen: 1.02 ng/ul
 RT: 12.87 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG019488.D
 Acq: 5 Nov 2015 12:15

Instrument :
 BNA_G
 ClientSampleId :
 C0AN7

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.5	114.7
116	4.8	5.4	8.0

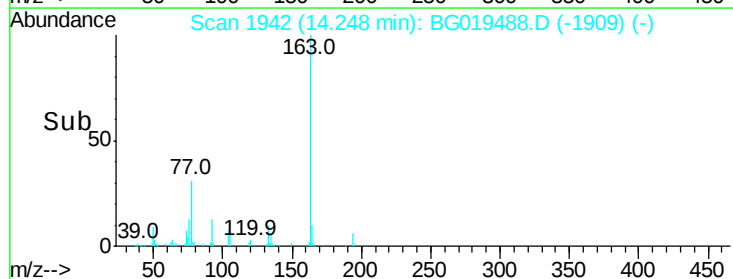
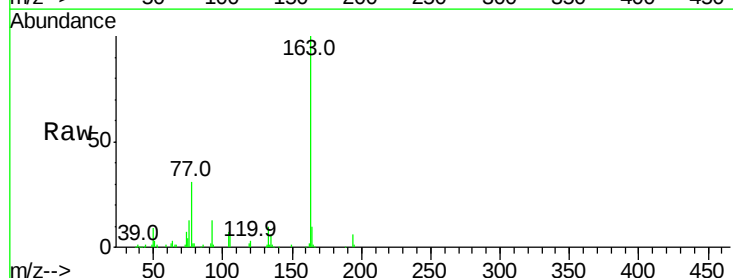
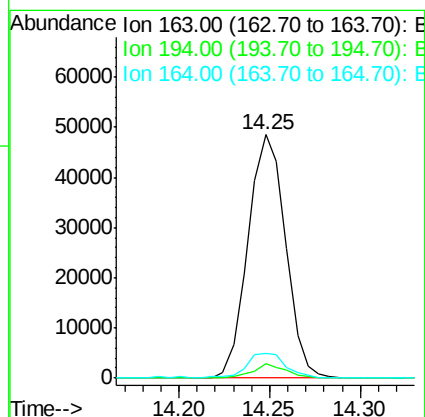
Manual Integrations
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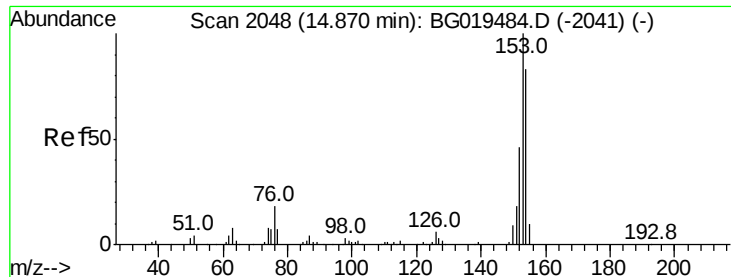
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#45
 Dimethylphthalate
 Concen: 6.88 ng/ul
 RT: 14.25 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BG019488.D
 Acq: 5 Nov 2015 12:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.3	6.5
164	10.1	7.5	11.3





#50

Acenaphthene

Concen: 9.93 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BG019488.D

Acq: 5 Nov 2015 12:15

Instrument :

BNA_G

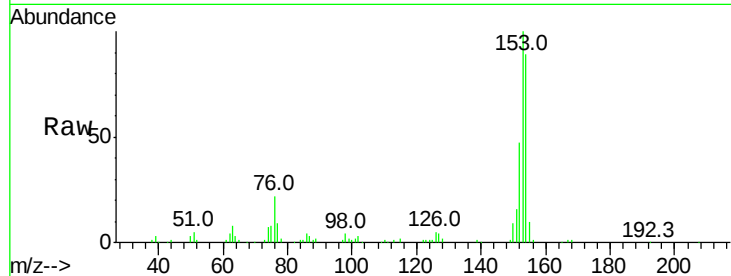
ClientSampleId :

C0AN7

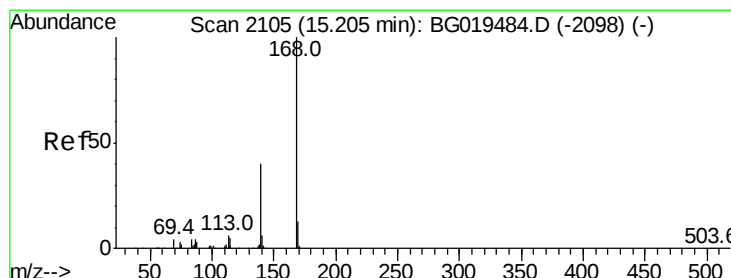
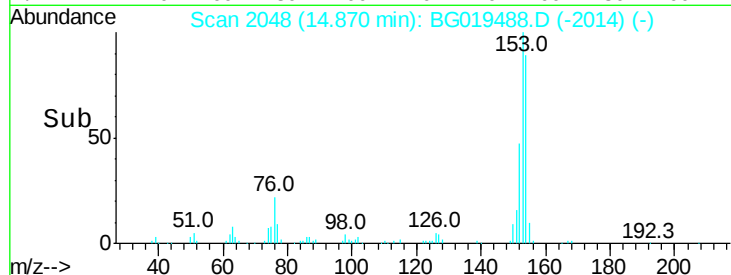
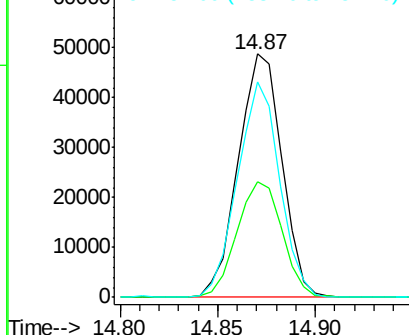
Tot Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.8	58.2
154	88.6	71.5	107.3

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 5.42 ng/ul

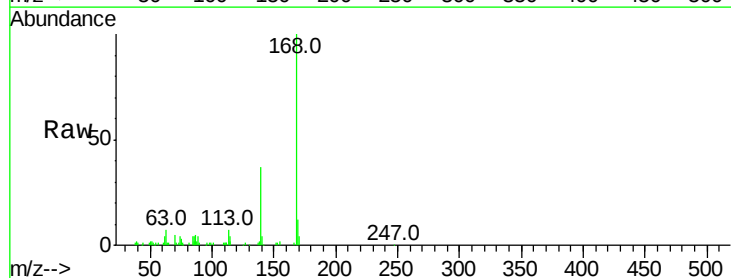
RT: 15.21 min Scan# 2105

Delta R.T. 0.00 min

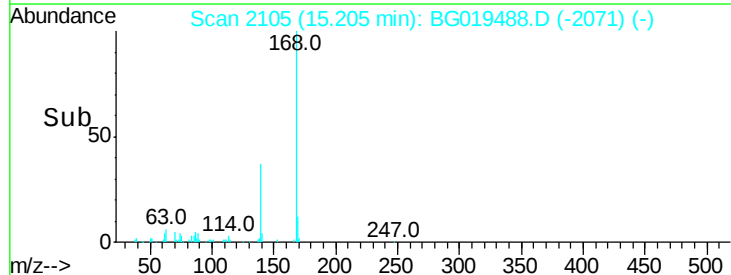
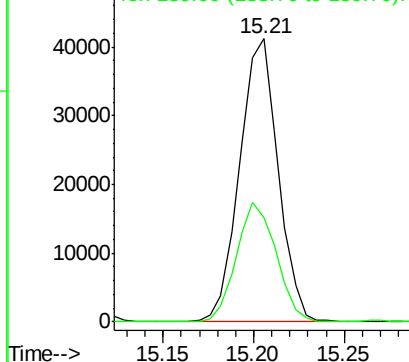
Lab File: BG019488.D

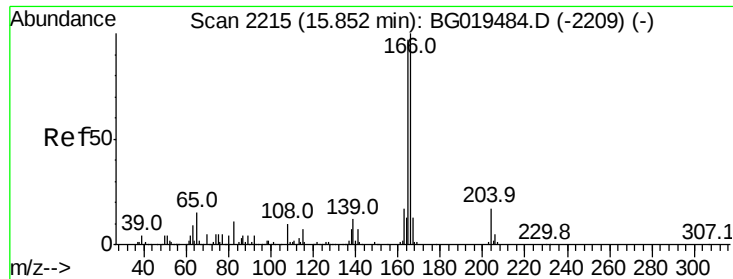
Acq: 5 Nov 2015 12:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.4	48.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 9.20 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG019488.D

Acq: 5 Nov 2015 12:15

Instrument :

BNA_G

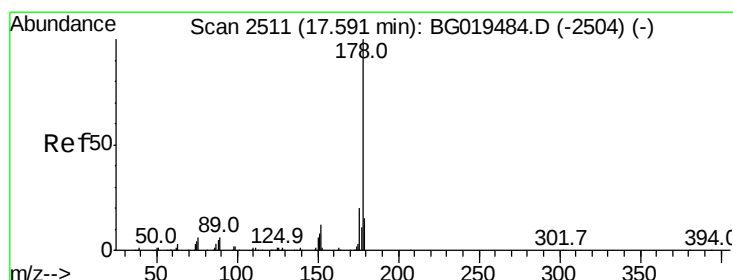
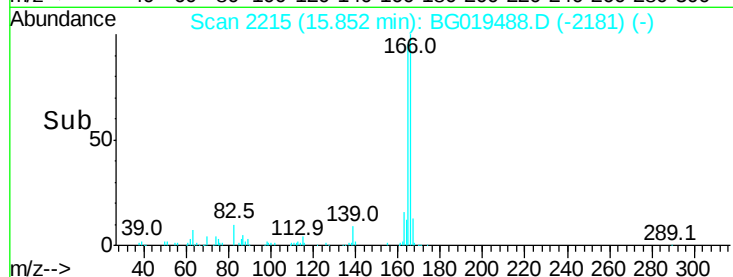
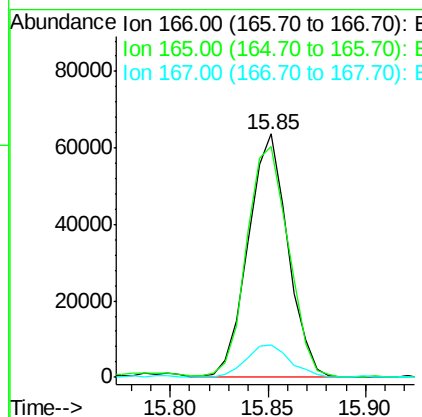
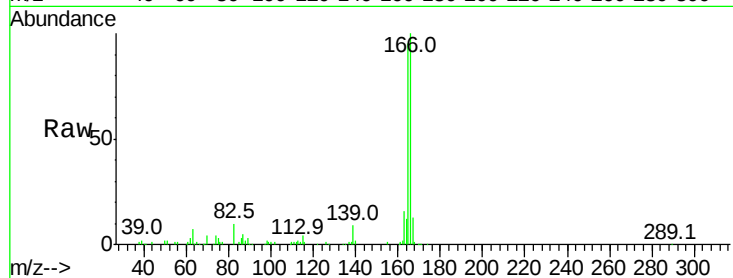
ClientSampleId :

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Tot Ion:	166	Resp:	89897
Ion Ratio	Lower	Upper	
166	100		
165	94.8	77.6	116.4
167	13.1	9.6	14.4

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#70

Phenanthrene

Concen: 18.87 ng/ul

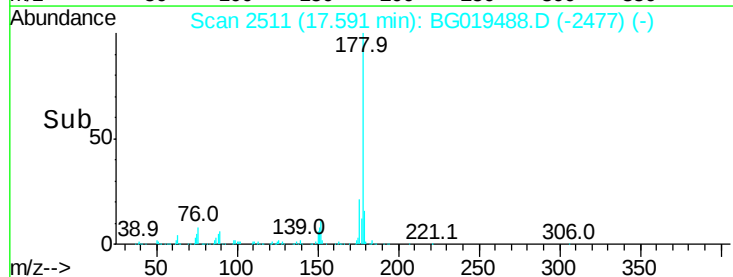
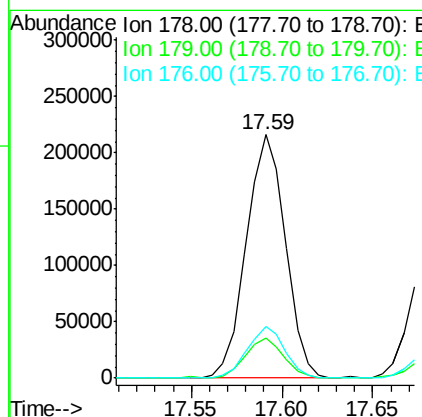
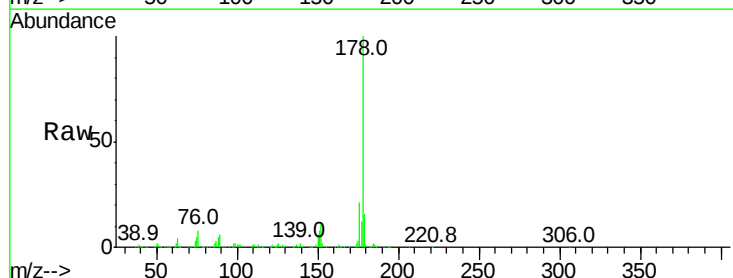
RT: 17.59 min Scan# 2511

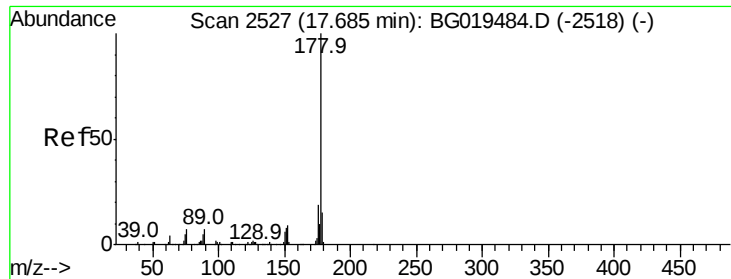
Delta R.T. 0.00 min

Lab File: BG019488.D

Acq: 5 Nov 2015 12:15

Tgt Ion:	178	Resp:	322637
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.6	18.8
176	21.0	14.3	21.5





#72

Anthracene

Concen: 10.03 ng/ul

RT: 17.68 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG019488.D

Acq: 5 Nov 2015 12:15

Instrument :

BNA_G

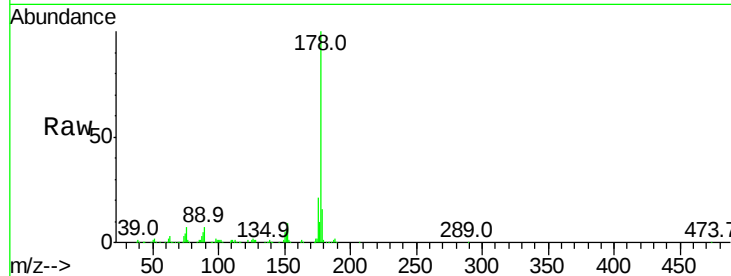
ClientSampleId :

C0AN7

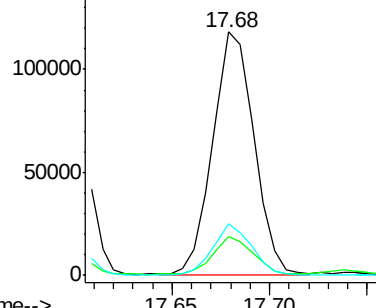
Tot Ion:	178	Resp:	174846
Ion Ratio	Lower	Upper	
178	100		
179	16.0	11.6	17.4
176	21.1	14.2	21.4

Manual Integrations
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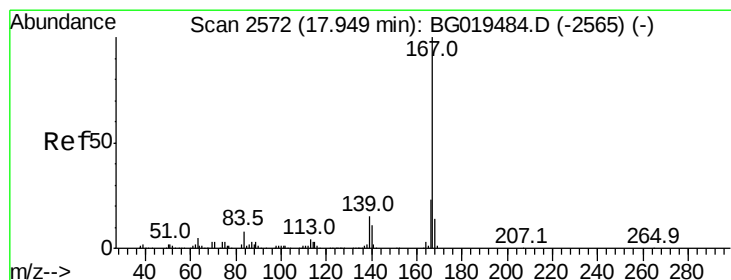
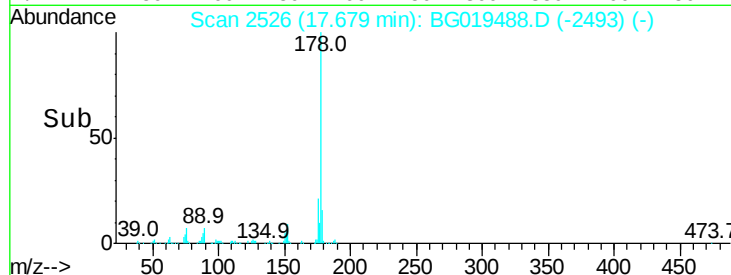
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#75

Carbazole

Concen: 1.29 ng/ul

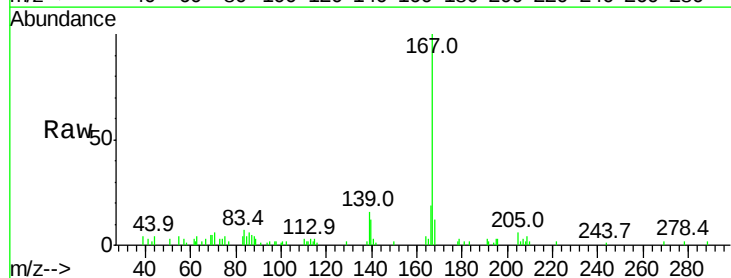
RT: 17.94 min Scan# 2571

Delta R.T. -0.01 min

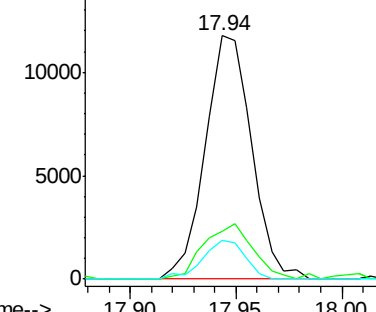
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Acq: 5 Nov 2015 12:15

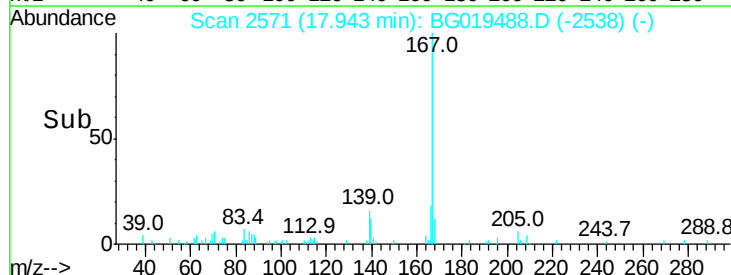
Tgt Ion:	167	Resp:	17911
Ion Ratio	Lower	Upper	
167	100		
166	19.4	16.8	25.2
139	16.0	9.8	14.6#

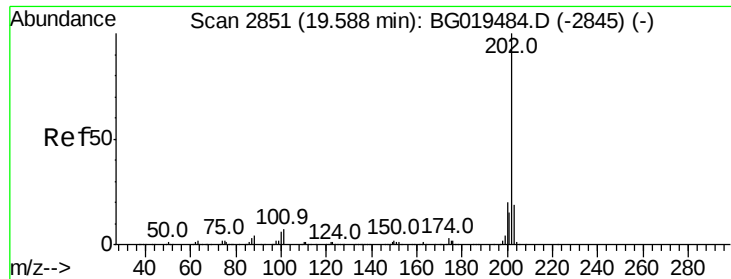


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->





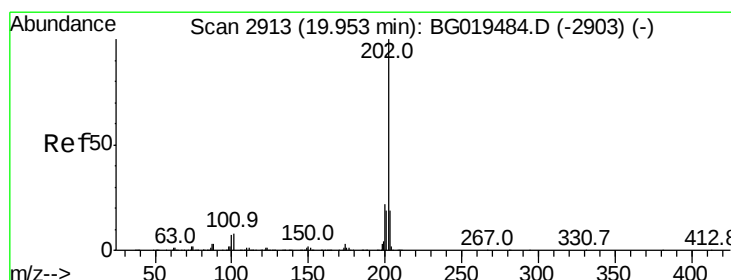
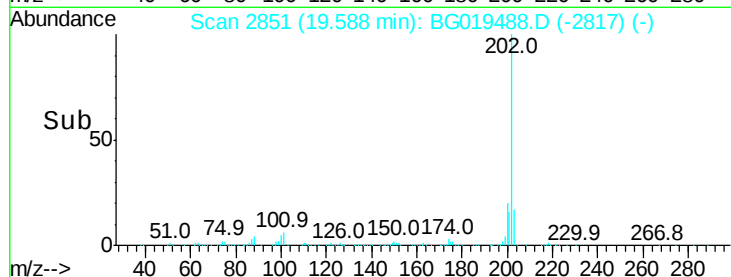
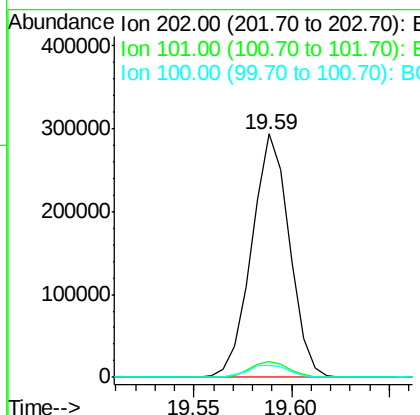
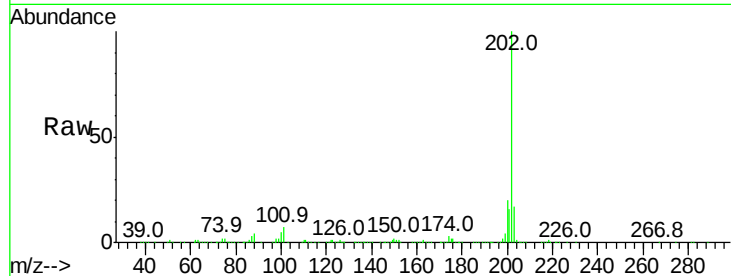
#77
Fluoranthene
 Concen: 17.76 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BG019488.D
 Acq: 5 Nov 2015 12:15

Instrument :
 BNA_G
 ClientSampleId :
 C0AN7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	4.0	6.0#
100	5.0	3.6	5.4

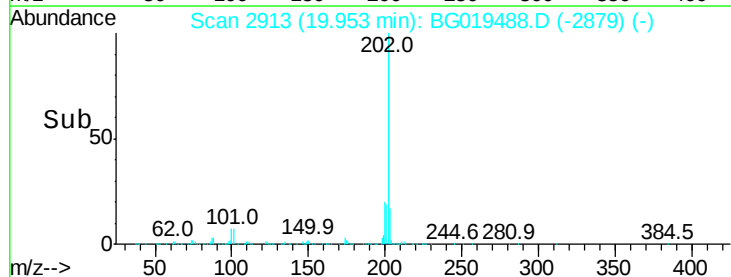
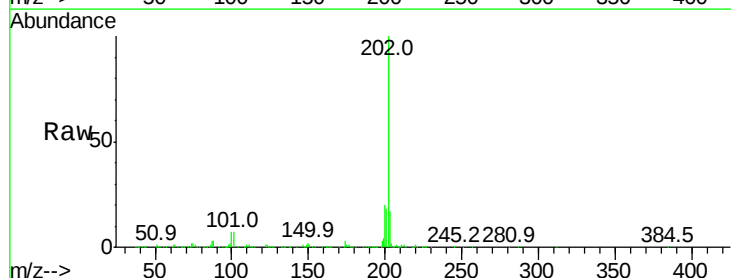
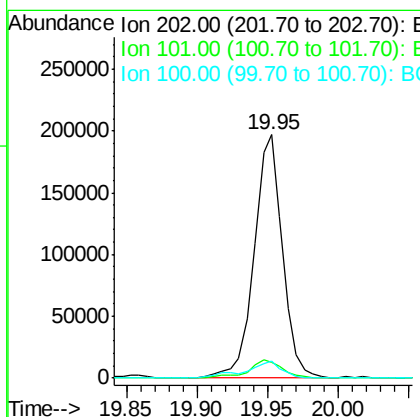
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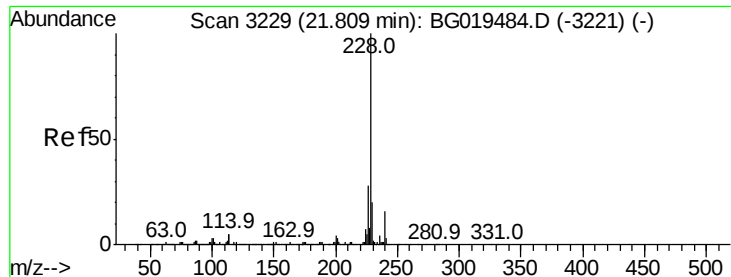
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#80
Pyrene
 Concen: 10.97 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG019488.D
 Acq: 5 Nov 2015 12:15

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	4.3	6.5#
100	6.9	3.6	5.4#





#83

Benzo(a)anthracene

Concen: 5.75 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. 0.00 min

Lab File: BG019488.D

Acq: 5 Nov 2015 12:15

Instrument :

BNA_G

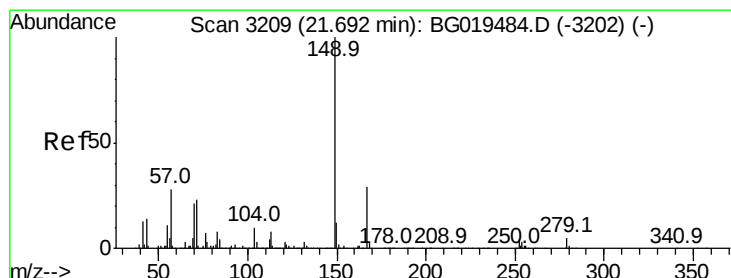
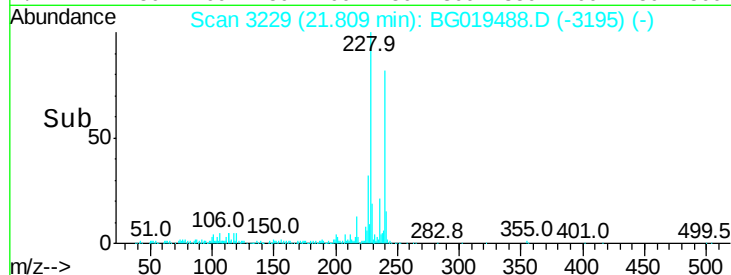
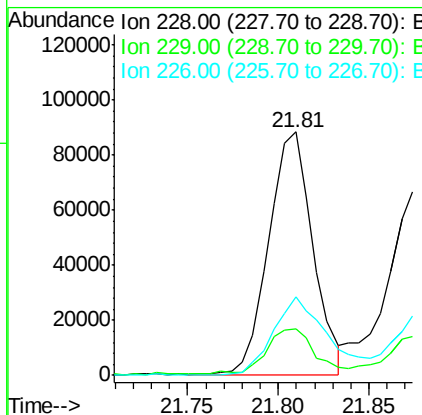
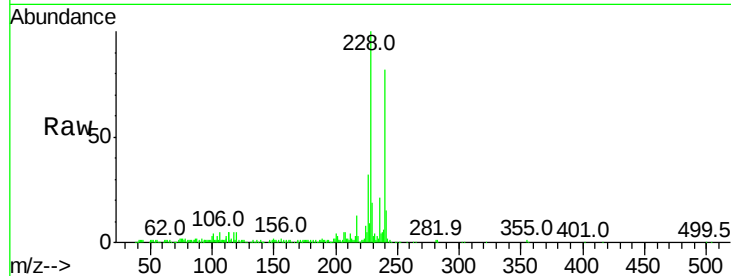
ClientSampleId :

C0AN7

Tot Ion:	228	Resp:	151326
Ion Ratio	Lower	Upper	
228	100		
229	19.0	15.8	23.8
226	32.4	21.8	32.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.04 ng/ul

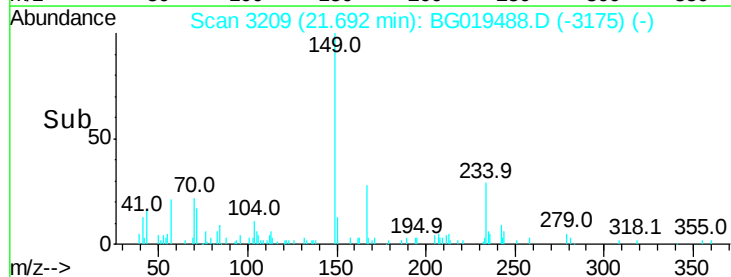
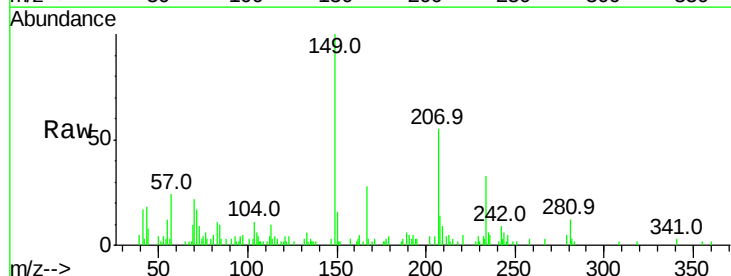
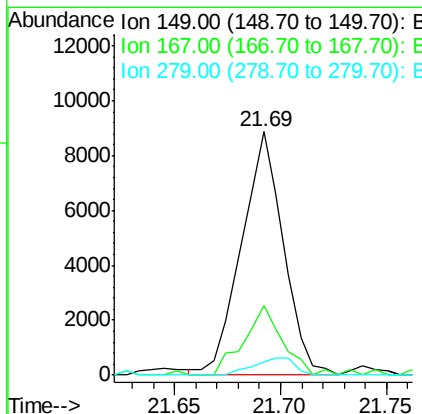
RT: 21.69 min Scan# 3209

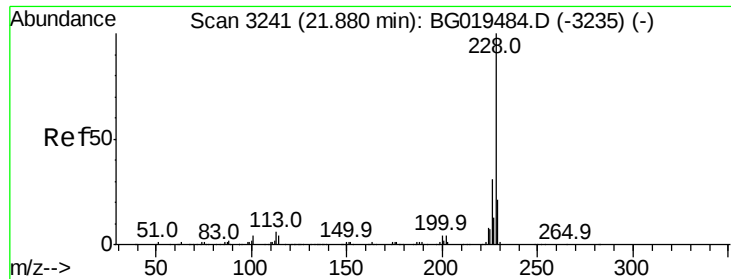
Delta R.T. 0.00 min

Lab File: BG019488.D

Acq: 5 Nov 2015 12:15

Tgt Ion:	149	Resp:	12195
Ion Ratio	Lower	Upper	
149	100		
167	31.4	23.2	34.8
279	5.3	5.0	7.4





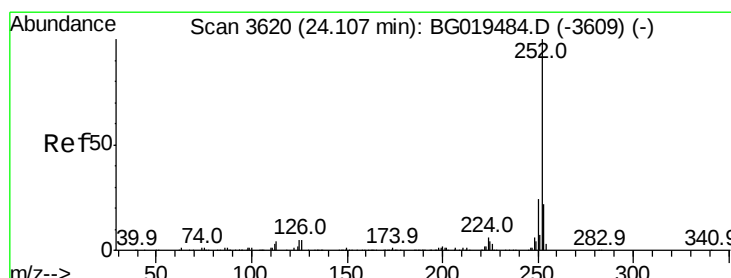
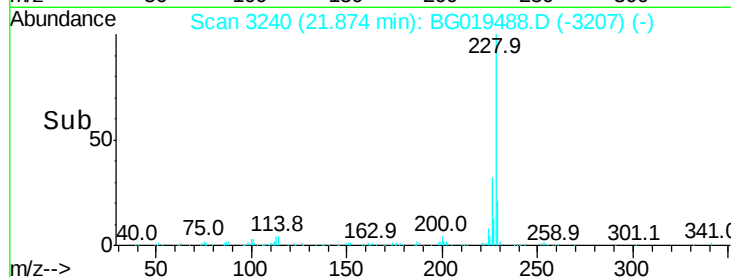
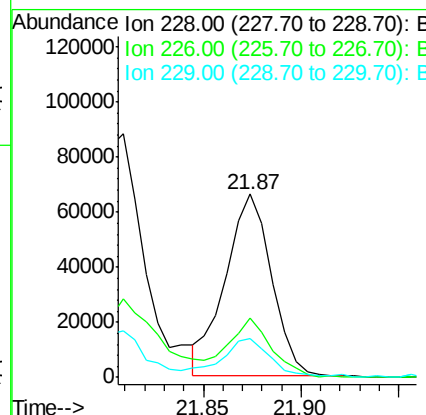
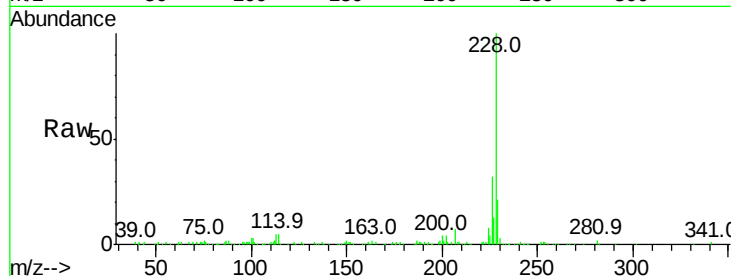
#85
 Chrysene
 Concen: 4.42 ng/ul
 RT: 21.87 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BG019488.D
 Acq: 5 Nov 2015 12:15

Instrument :
 BNA_G
 ClientSampled :
 C0AN7

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	36.8
229	21.2	17.3	25.9

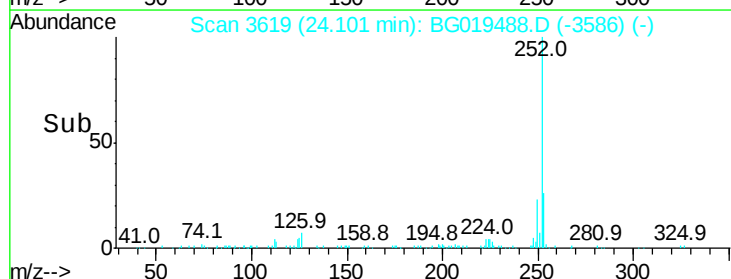
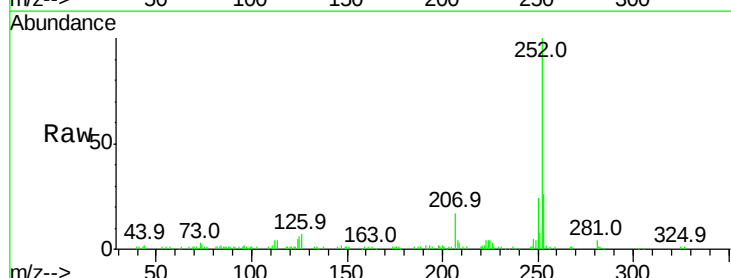
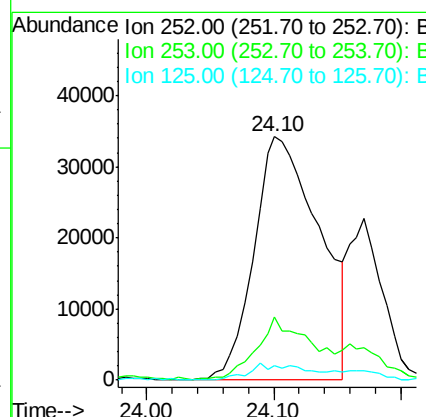
Manual Integrations
 APPROVED

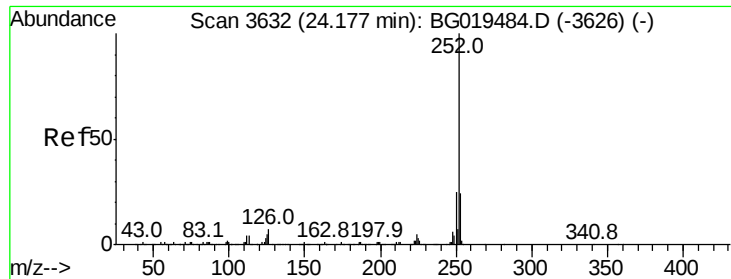
Mmdadoda
 11/6/2015 3:43:08 PM



#88
 Benzo(b)fluoranthene
 Concen: 4.86 ng/ul
 RT: 24.10 min Scan# 3619
 Delta R.T. -0.01 min
 Lab File: BG019488.D
 Acq: 5 Nov 2015 12:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	5.8	2.5	3.7#





#89

Benzo(k)fluoranthene

Concen: 1.71 ng/ul m

RT: 24.17 min Scan# 3631

Delta R.T. -0.01 min

Lab File: BG019488.D

Acq: 5 Nov 2015 12:15

Instrument :

BNA_G

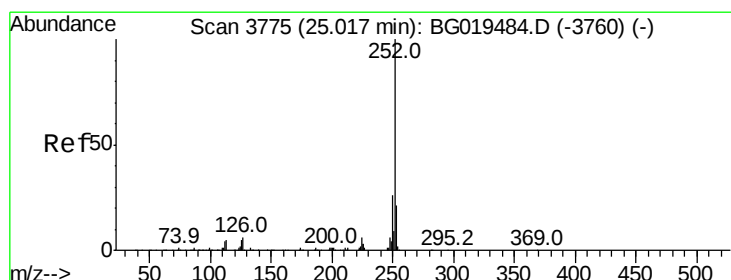
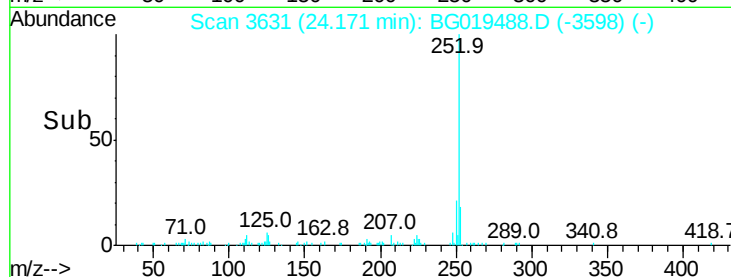
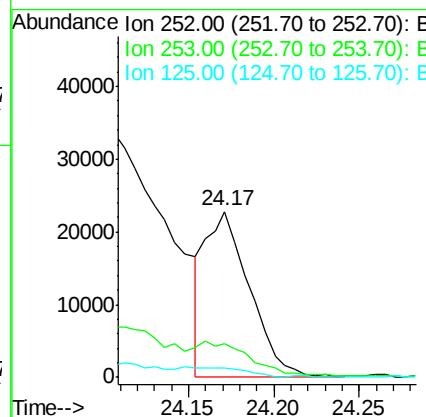
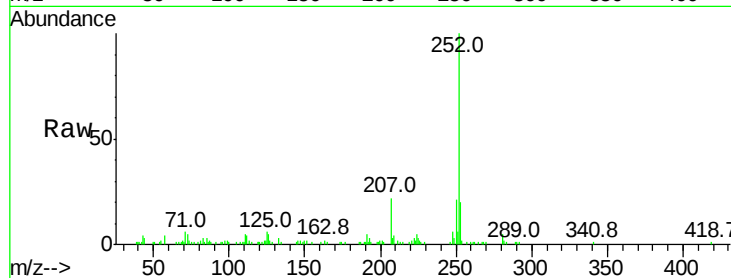
ClientSampleId :

C0AN7

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.2	25.8
125	5.6	3.1	4.7#

Manual Integrations
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11/6/2015 3:43:08 PM



#91

Benzo(a)pyrene

Concen: 3.98 ng/ul

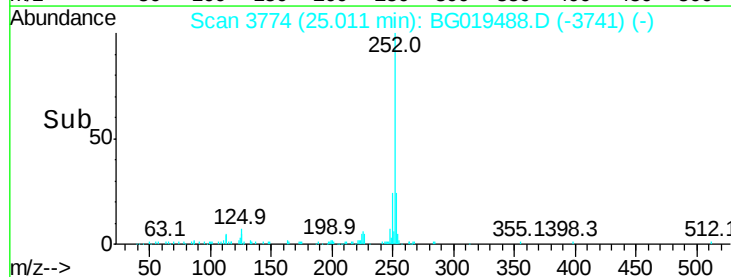
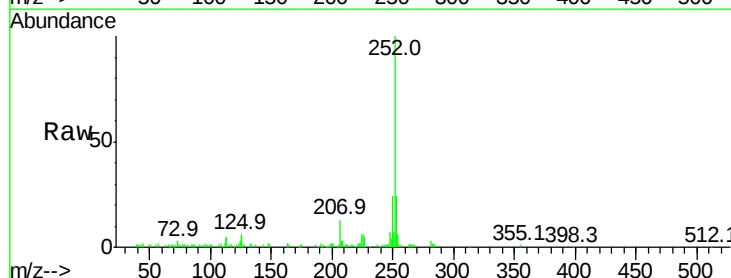
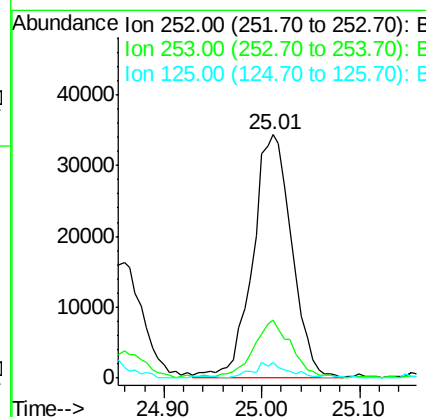
RT: 25.01 min Scan# 3774

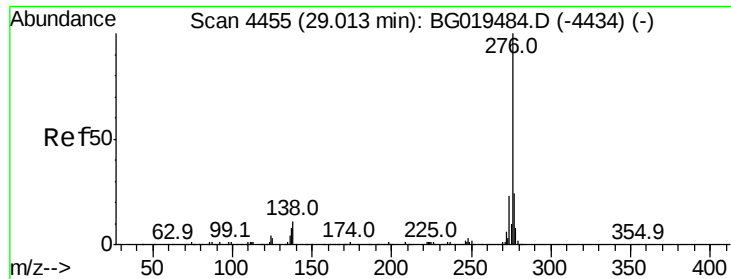
Delta R.T. -0.01 min

Lab File: BG019488.D

Acq: 5 Nov 2015 12:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	6.5	3.3	4.9#





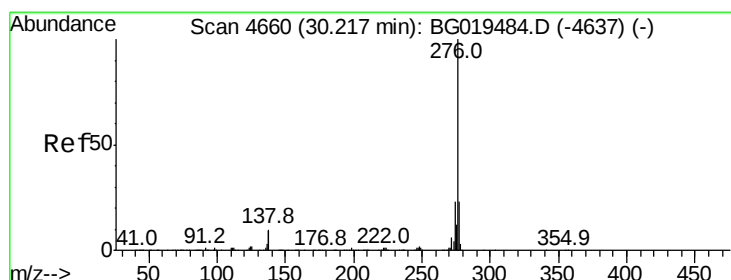
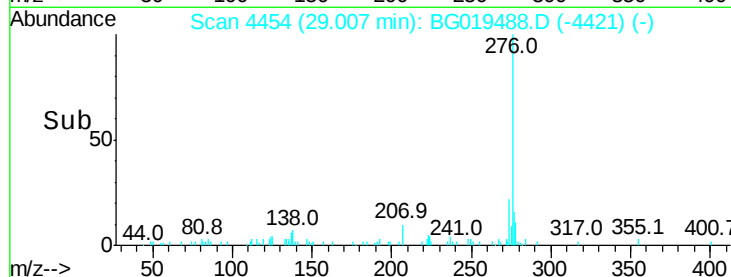
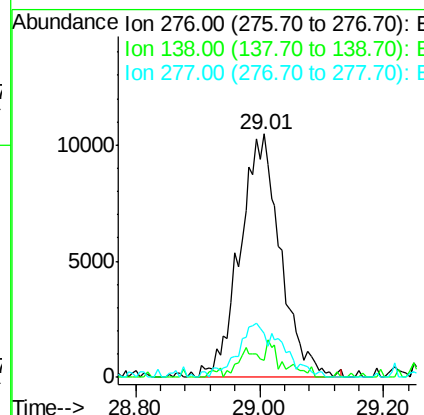
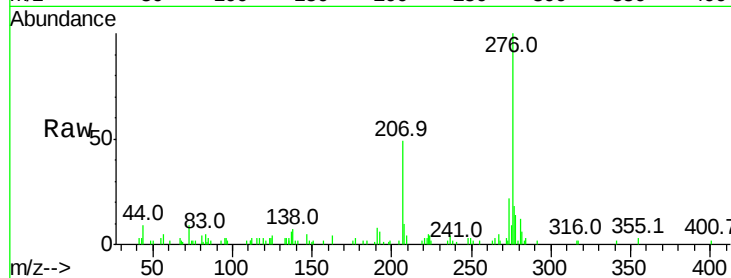
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.73 ng/ul m
 RT: 29.01 min Scan# 4454
 Delta R.T. -0.01 min
 Lab File: BG019488.D
 Acq: 5 Nov 2015 12:15

Instrument :
 BNA_G
 ClientSampleId :
 C0AN7

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.1	6.2	9.4
277	18.1	17.9	26.9

Manual Integrations
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 11/6/2015 3:43:08 PM



#94
 Benzo(g,h,i)perylene
 Concen: 1.65 ng/ul m
 RT: 30.18 min Scan# 4654
 Delta R.T. -0.04 min
 Lab File: BG019488.D
 Acq: 5 Nov 2015 12:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.7	5.6	8.4
277	22.1	16.0	24.0

