

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019189.D
 Acq On : 13 Oct 2015 21:32
 Operator : UM/NP
 Sample : G3996-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LH9

Manual Integrations
 APPROVED

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 10/14/2015 3:52:24 PM

Quant Time: Oct 14 13:32:00 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 03:54:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20210	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	86571	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	59371	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	132547	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	154721	20.00	ng/ul	0.00
86) Perylene-d12	24.91	264	153036	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	794	1.78	ng/uL	0.00
5) Phenol-d5	7.19	99	21926	12.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	14658	13.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	16788	12.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	18559	13.56	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	9483	14.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	10493	15.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	18988	14.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	6662	4.05	ng/ul	0.02
44) Dimethylphthalate-d6	14.06	166	67696	14.46	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	77529	13.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	10451	11.05	ng/ul	0.00
58) Fluorene-d10	15.65	176	72493	17.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	10264	14.27	ng/ul	0.00
71) Anthracene-d10	17.50	188	89683	14.37	ng/ul	0.00
79) Pyrene-d10	19.79	212	92016	12.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	110754	14.14	ng/ul	0.00

Target Compounds

					Ovalue
24) 2,4-Dimethylphenol	10.01	107	10128m	6.17	ng/ul
28) Naphthalene	10.89	128	239486	53.42	ng/ul 99
34) 2-Methylnaphthalene	12.49	142	143100	42.62	ng/ul 98
35) 1-Methylnaphthalene	12.71	142	90709	27.54	ng/ul# 97
41) 1,1'-Biphenyl	13.50	154	48345	9.99	ng/ul 97
45) Dimethylphthalate	14.11	163	10826	2.26	ng/ul# 98
48) Acenaphthylene	14.38	152	9431	1.52	ng/ul# 69
50) Acenaphthene	14.72	153	16541	3.93	ng/ul# 93
54) Dibenzofuran	15.06	168	81572	14.25	ng/ul 88
59) Fluorene	15.71	166	57433	11.91	ng/ul 90
70) Phenanthrene	17.45	178	116476	15.60	ng/ul 96
72) Anthracene	17.54	178	29134m	3.87	ng/ul
77) Fluoranthene	19.46	202	42978	4.94	ng/ul# 94
80) Pyrene	19.82	202	49283	5.29	ng/ul# 93
83) Benzo(a)anthracene	21.66	228	11516m	1.29	ng/ul
85) Chrysene	21.72	228	14883m	1.77	ng/ul

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

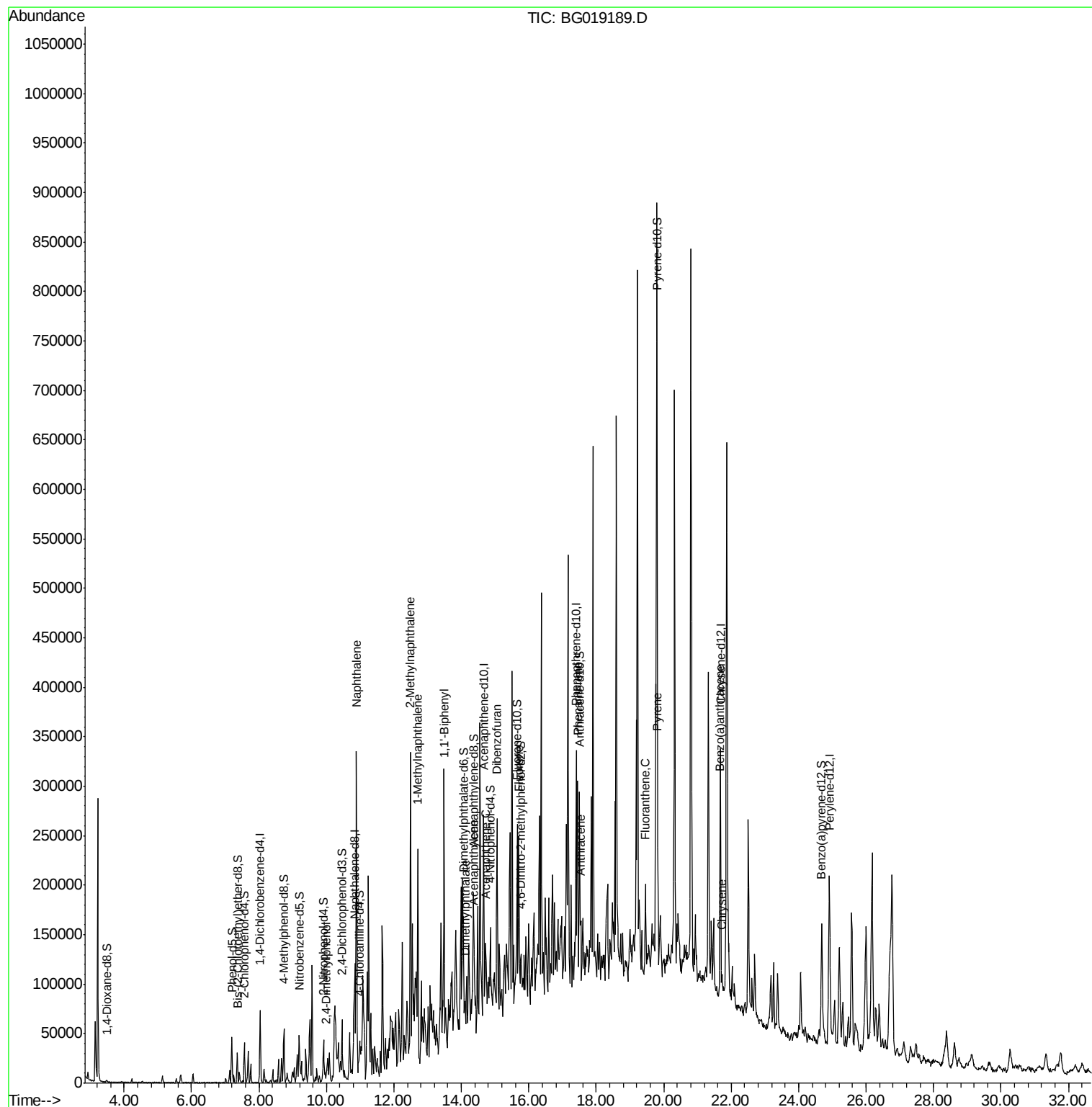
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019189.D
Acq On : 13 Oct 2015 21:32
Operator : UM/NP
Sample : G3996-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

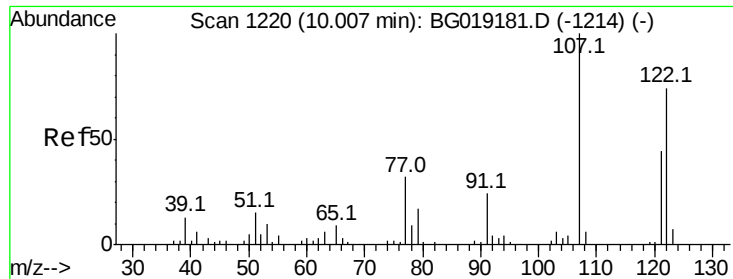
Instrument :
BNA_G
ClientSampleId :
E5LH9

Quant Time: Oct 14 13:32:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 14 03:54:50 2015
Response via : Initial Calibration

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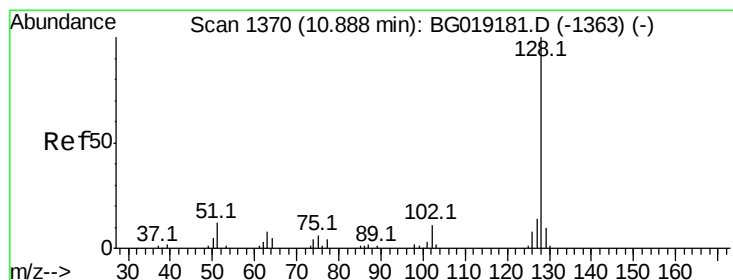
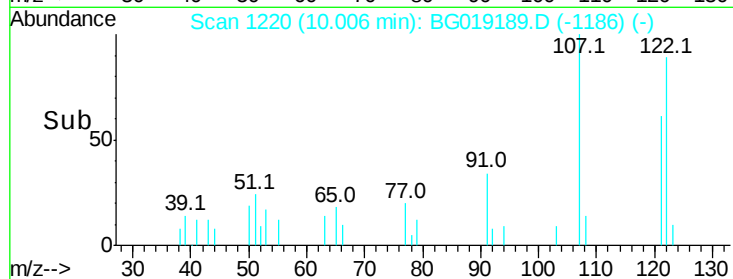
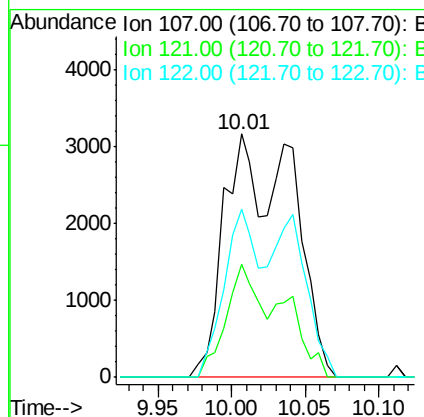
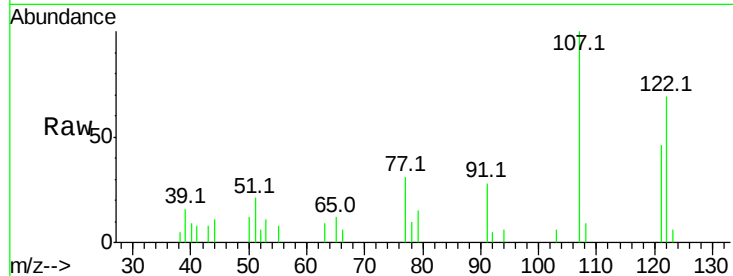
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2,4-Dimethylphenol
Concen: 6.17 ng/ul m
RT: 10.01 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Instrument :
BNA_G
ClientSampleId :
E5LH9

Tot Ion	Ratio	Lower	Upper
107	100		
121	46.4	37.2	55.8
122	69.2	67.6	101.4

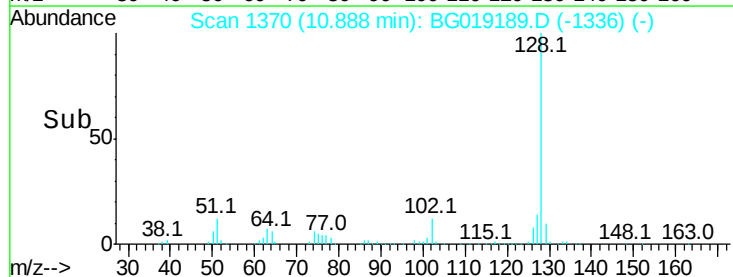
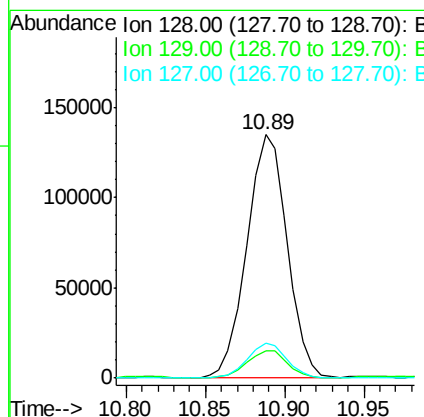
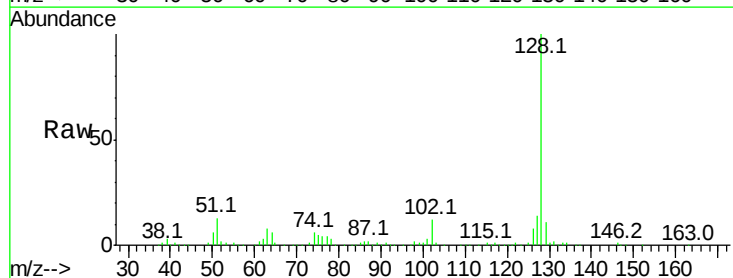
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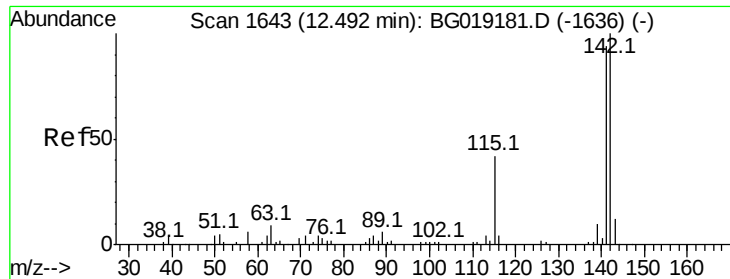
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#28
Naphthalene
Concen: 53.42 ng/ul
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	14.5	11.3	16.9





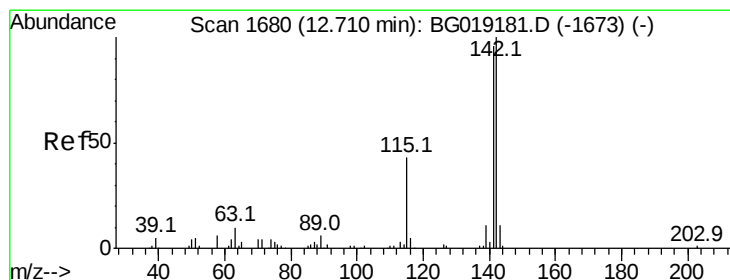
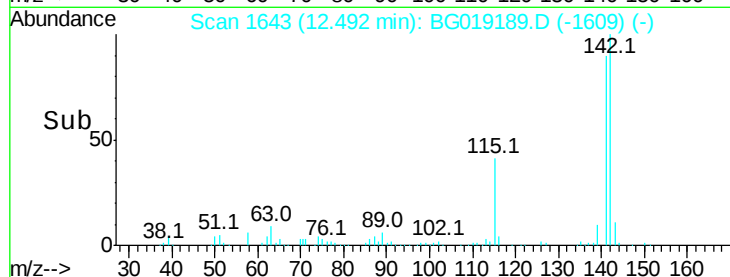
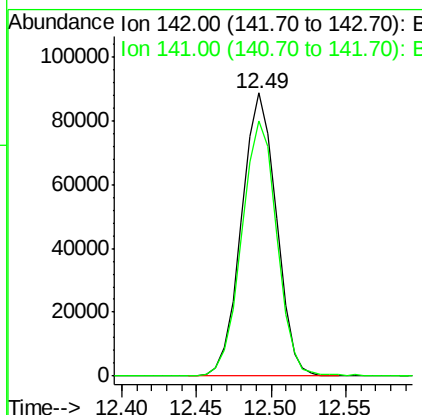
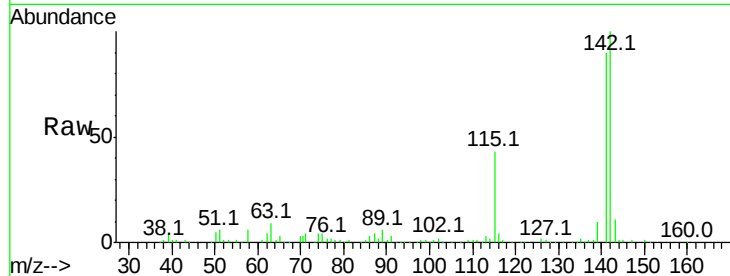
#34
2-Methylnaphthalene
Concen: 42.62 ng/ul
RT: 12.49 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Instrument :
BNA_G
ClientSampleId :
E5LH9

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.4	110.0

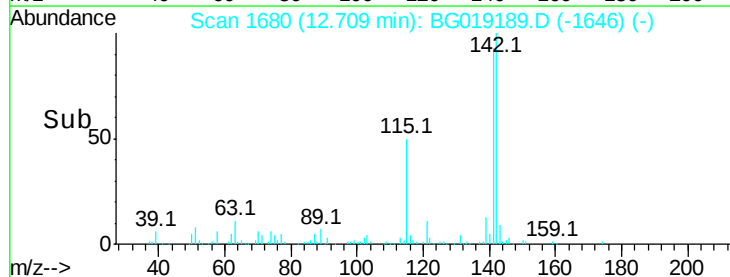
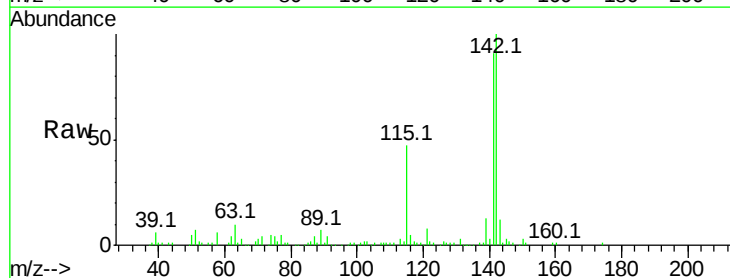
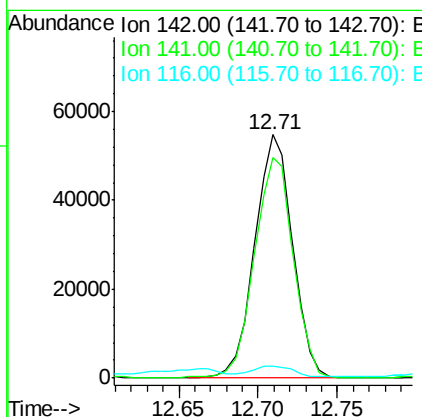
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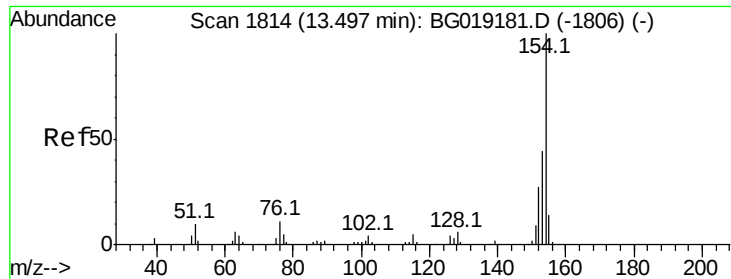
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#35
1-Methylnaphthalene
Concen: 27.54 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.8	112.2
116	4.9	3.2	4.8#





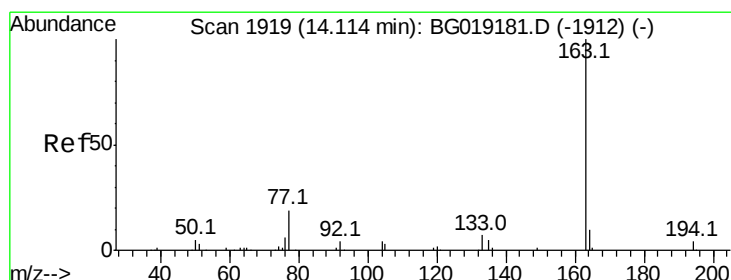
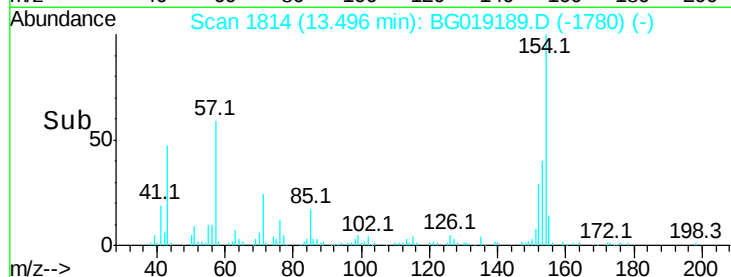
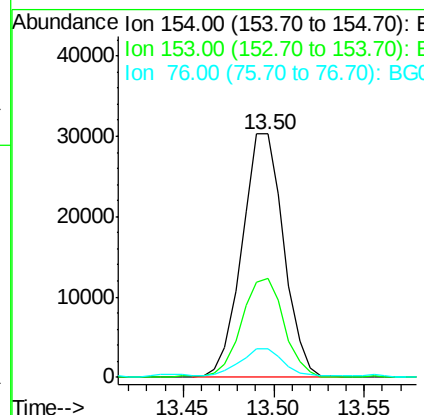
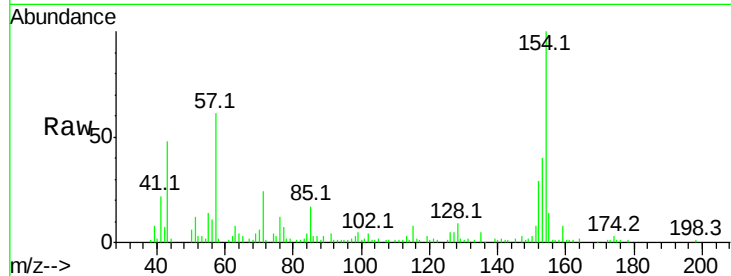
#41
1,1'-Biphenyl
Concen: 9.99 ng/ul
RT: 13.50 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Instrument :
BNA_G
ClientSampleId :
E5LH9

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	31.4	47.0
76	11.7	10.8	16.2

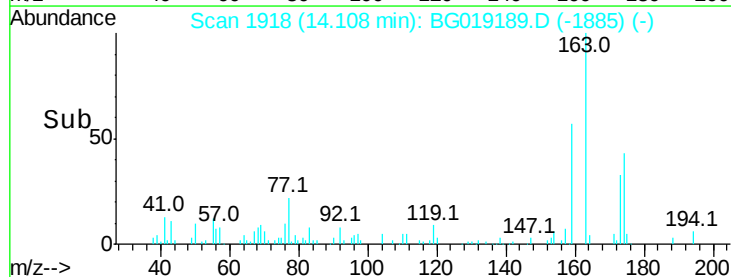
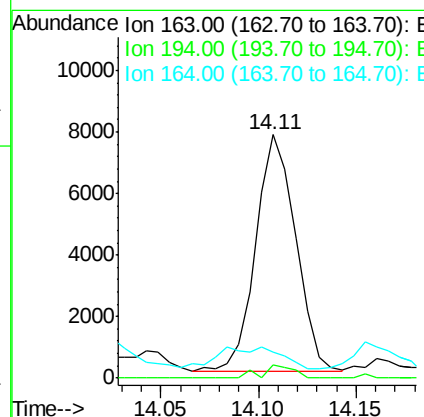
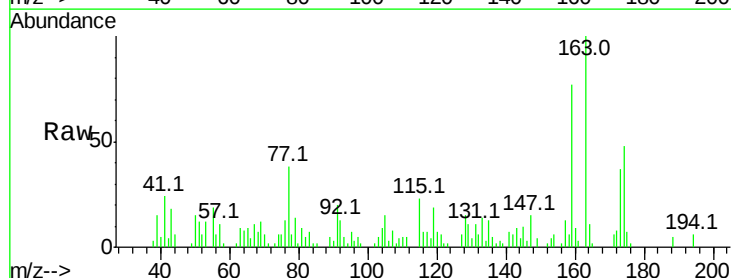
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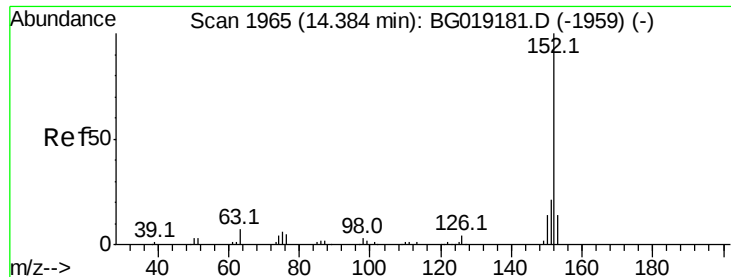
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#45
Dimethylphthalate
Concen: 2.26 ng/ul
RT: 14.11 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.3	4.9#
164	10.7	8.1	12.1





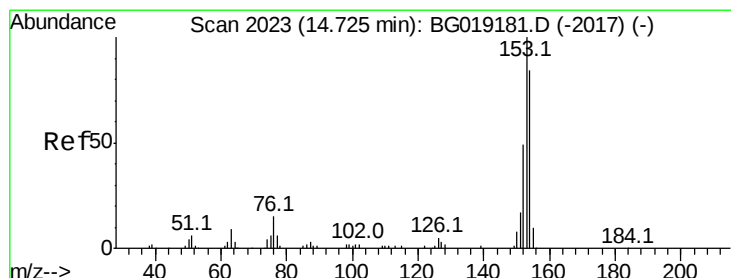
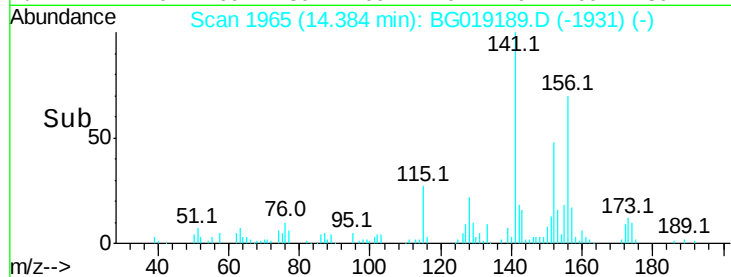
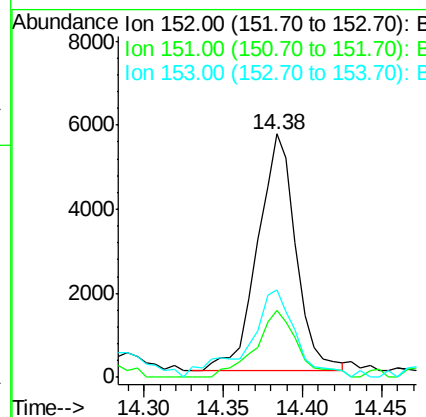
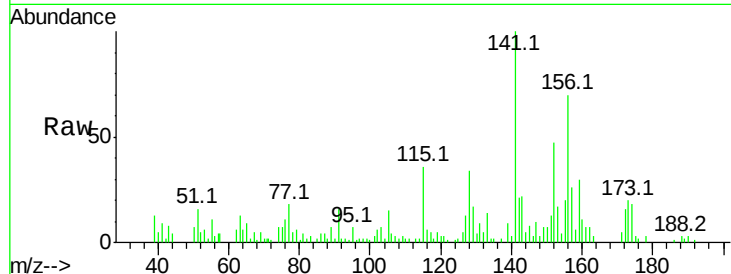
#48
Acenaphthylene
Concen: 1.52 ng/ul
RT: 14.38 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Instrument :
BNA_G
ClientSampleId :
E5LH9

Tot Ion	Ratio	Lower	Upper
152	100		
151	27.4	16.6	25.0#
153	36.1	10.5	15.7#

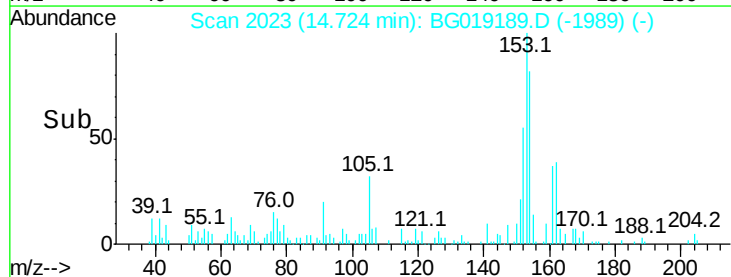
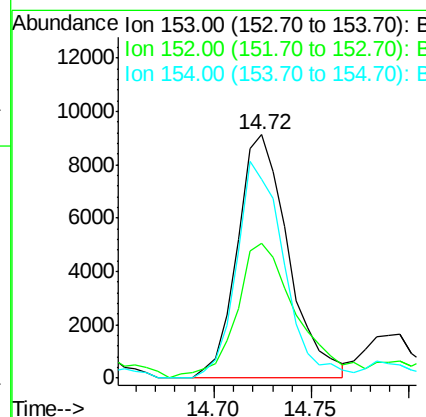
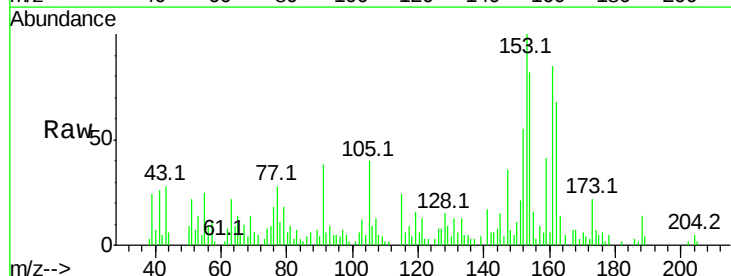
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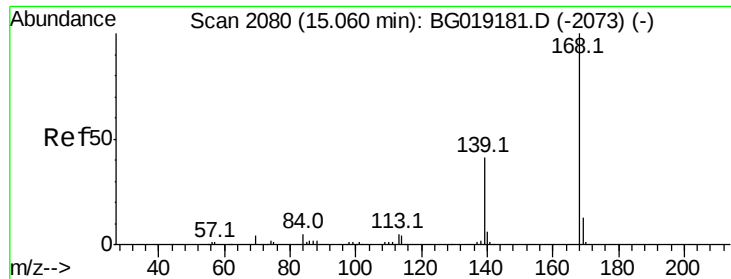
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#50
Acenaphthene
Concen: 3.93 ng/ul
RT: 14.72 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.4	36.2	54.2#
154	81.8	67.5	101.3





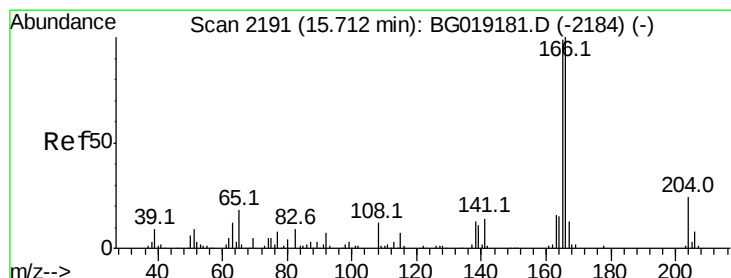
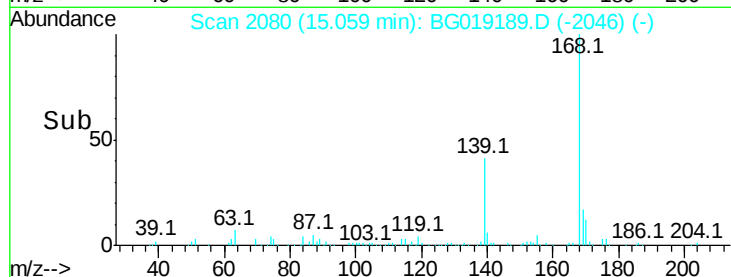
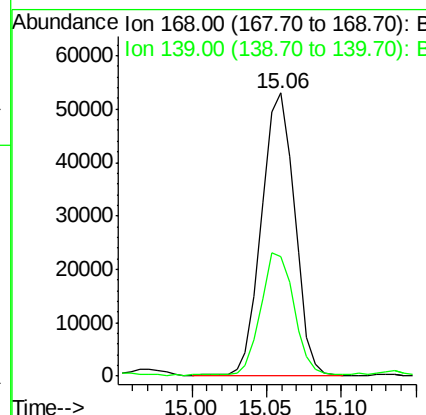
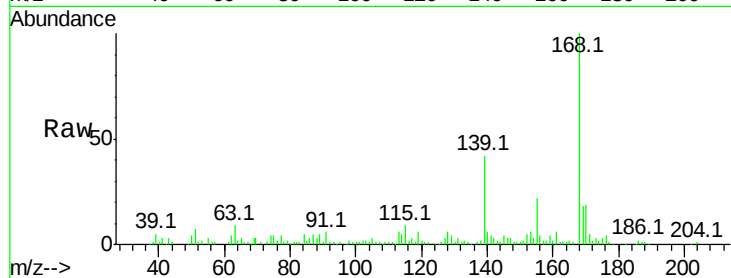
#54
Dibenzenofuran
Concen: 14.25 ng/ul
RT: 15.06 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Instrument :
BNA_G
ClientSampleId :
E5LH9

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	28.5	42.7

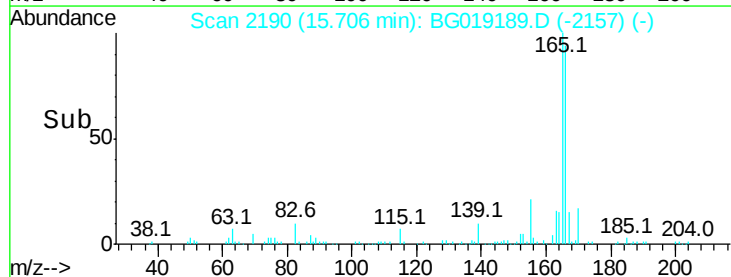
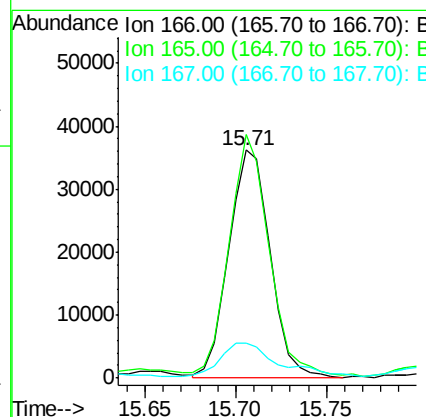
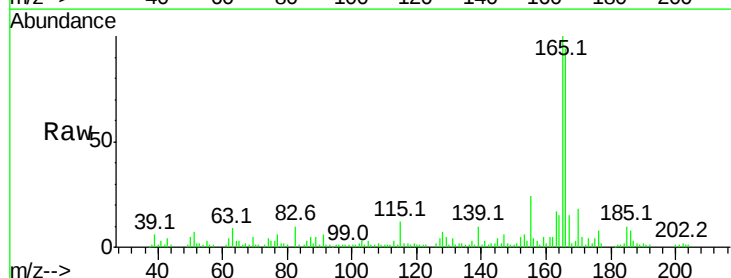
Manual Integrations
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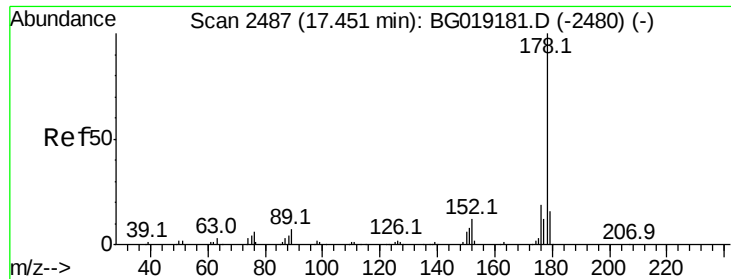
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#59
Fluorene
Concen: 11.91 ng/ul
RT: 15.71 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.9	77.7	116.5
167	15.6	10.4	15.6





#70

Phenanthrene

Concen: 15.60 ng/ul

RT: 17.45 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG019189.D

Acq: 13 Oct 2015 21:32

Instrument :

BNA_G

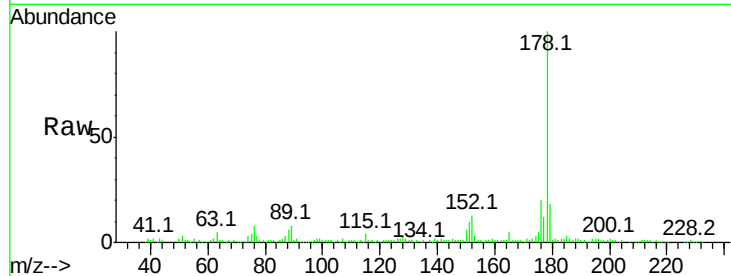
ClientSampleId :

E5LH9

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.5	18.7
176	20.3	15.4	23.0

Manual Integrations
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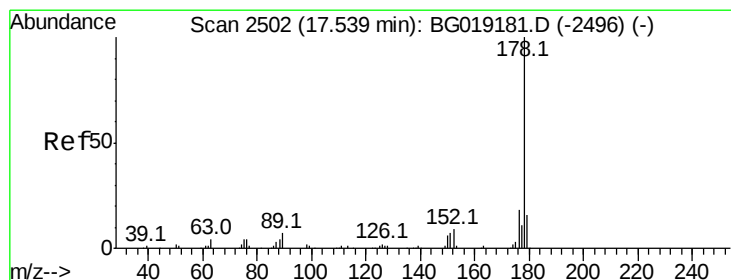
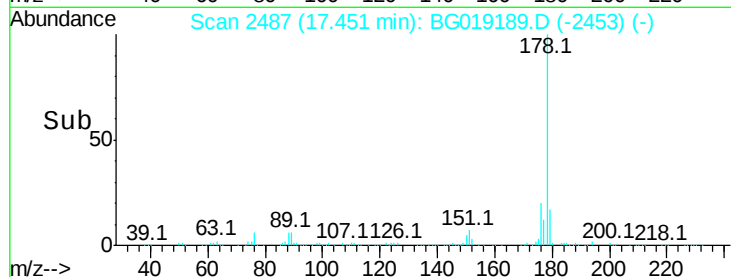
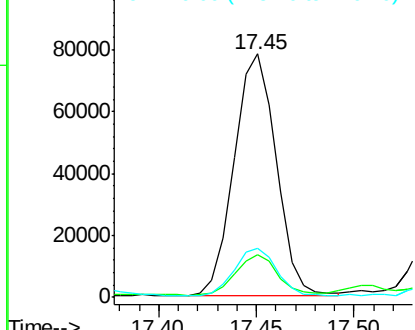


Abundance

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



#72

Anthracene

Concen: 3.87 ng/ul m

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG019189.D

Acq: 13 Oct 2015 21:32

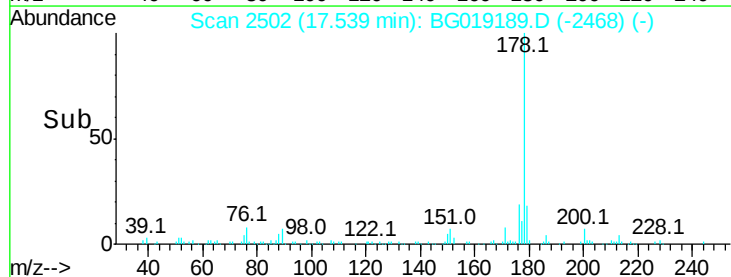
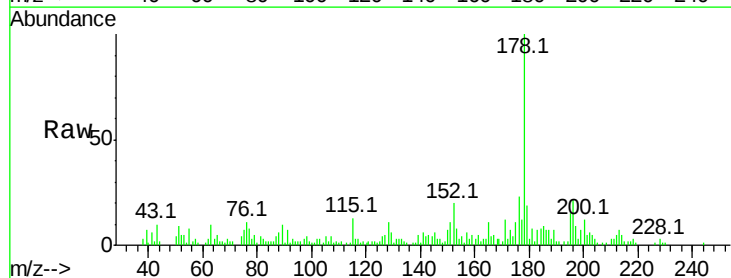
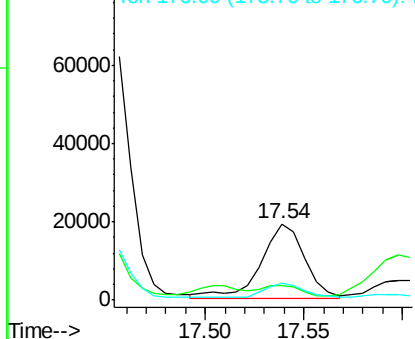
Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.2	18.4#
176	22.7	15.0	22.6#

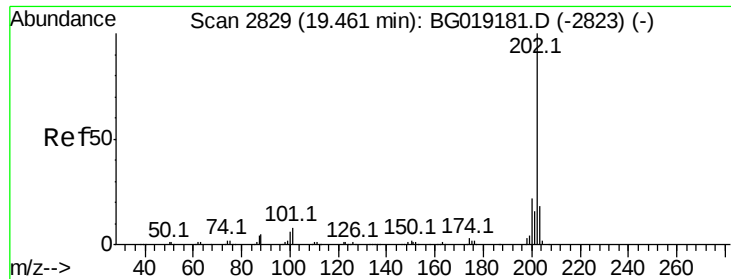
Abundance

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





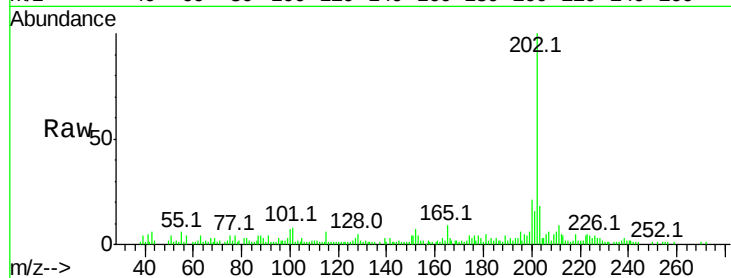
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Fluoranthene
 Concen: 4.94 ng/ul
 RT: 19.46 min Scan# 2829
 Delta R.T. -0.00 min
 Lab File: BG019189.D
 Acq: 13 Oct 2015 21:32

Instrument :
 BNA_G
 ClientSampleId :
 E5LH9

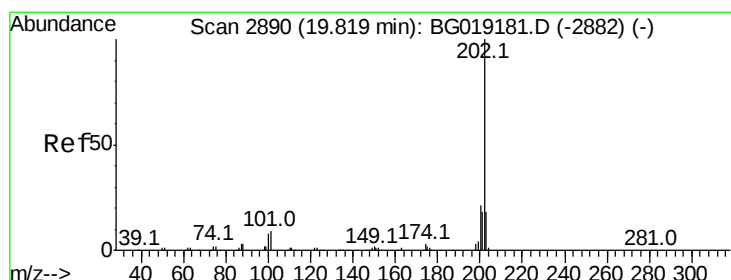
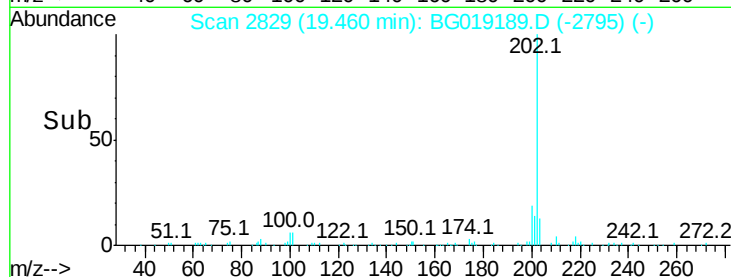
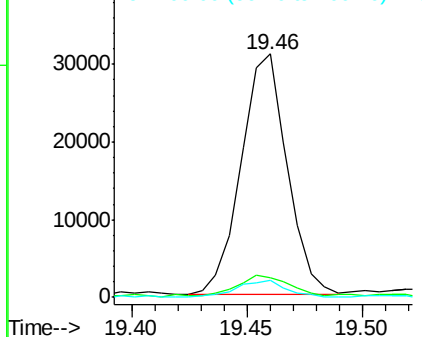
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	9.0	13.4#
100	7.0	6.9	10.3

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:24 PM

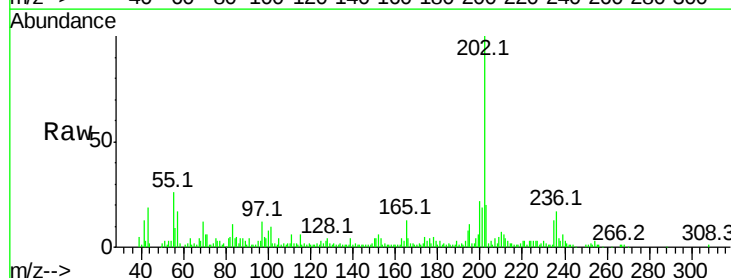


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

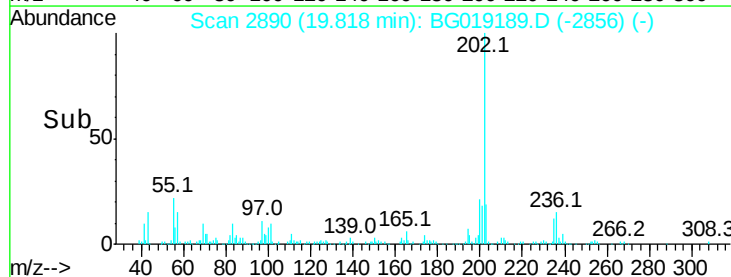
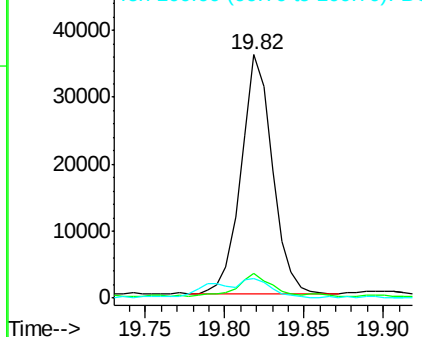


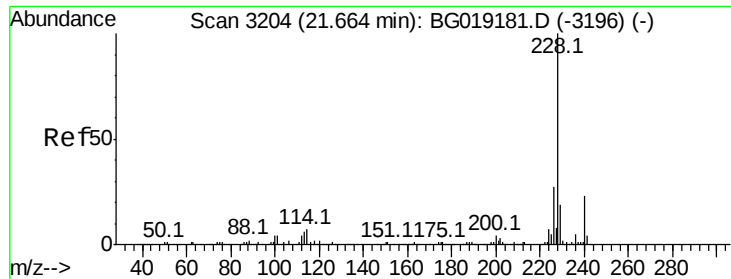
#80
Pyrene
 Concen: 5.29 ng/ul
 RT: 19.82 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: BG019189.D
 Acq: 13 Oct 2015 21:32

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	10.2	15.2
100	7.9	8.5	12.7#



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





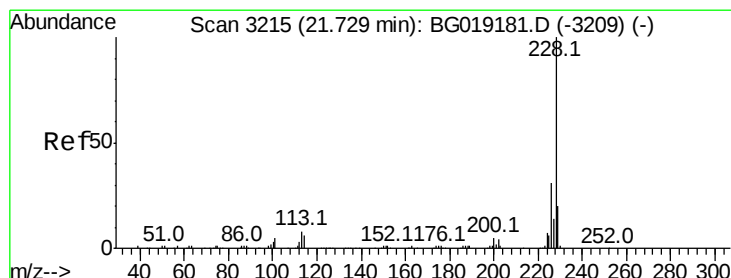
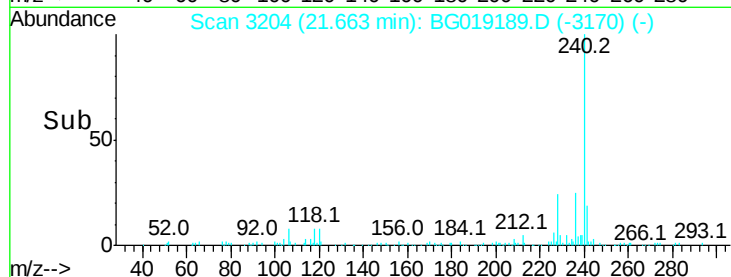
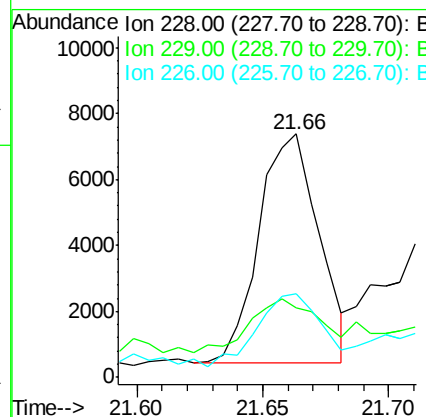
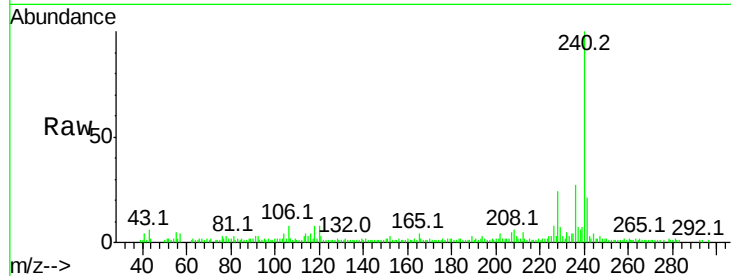
#83
Benzo(a)anthracene
Concen: 1.29 ng/ul m
RT: 21.66 min Scan# 3204
Delta R.T. -0.00 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Instrument :
BNA_G
ClientSampleId :
E5LH9

Tot Ion	Ratio	Lower	Upper
228	100		
229	28.5	16.6	24.8#
226	34.3	22.8	34.2#

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#85
Chrysene
Concen: 1.77 ng/ul m
RT: 21.72 min Scan# 3214
Delta R.T. -0.01 min
Lab File: BG019189.D
Acq: 13 Oct 2015 21:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	24.2	36.2
229	22.4	15.6	23.4

