

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	18854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	82518m	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.65	164	56525m	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.39	188	116981m	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	148209m	20.00	ng/ul	0.02
86) Perylene-d12	24.89	264	145214m	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	5960	17.61	ng/uL	0.00
5) Phenol-d5	7.20	99	33446	20.33	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	21301	20.12	ng/ul	0.02
9) 2-Chlorophenol-d4	7.56	132	25764	21.48	ng/ul	0.02
13) 4-Methylphenol-d8	8.75	113	29417	21.10	ng/ul	0.03
19) Nitrobenzene-d5	9.19	128	17204m	27.06	ng/ul	0.02
22) 2-Nitrophenol-d4	9.91	143	16424	24.34	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.46	165	29671m	22.20	ng/ul	0.03
29) 4-Chloroaniline-d4	10.98	131	97909m	56.89	ng/ul	0.04
44) Dimethylphthalate-d6	14.07	166	96175m	19.45	ng/ul	0.03
47) Acenaphthylene-d8	14.34	160	112153m	20.99	ng/ul	0.02
52) 4-Nitrophenol-d4	14.91	143	19447m	21.88	ng/ul	0.06
58) Fluorene-d10	15.64	176	95446m	22.59	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.77	200	15049m	20.85	ng/ul	0.02
71) Anthracene-d10	17.49	188	118149m	21.38	ng/ul	0.00
79) Pyrene-d10	19.78	212	130582m	19.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	149389m	20.36	ng/ul	0.03

Target Compounds

					Ovalue
6) Phenol	7.24	94	283158	165.25	ng/ul# 75
11) 2-Methylphenol	8.50	108	535842	398.41	ng/ul 97
16) 4-Methylphenol	8.86	108	1399368	927.40	ng/ul 95
24) 2,4-Dimethylphenol	10.06	107	929009m	534.85	ng/ul
28) Naphthalene	10.88	128	199454m	46.24	ng/ul
34) 2-Methylnaphthalene	12.48	142	175306m	51.27	ng/ul
35) 1-Methylnaphthalene	12.70	142	110324m	32.95	ng/ul
41) 1,1'-Biophenyl	13.48	154	28179m	6.39	ng/ul
45) Dimethylphthalate	14.11	163	30628m	6.15	ng/ul
54) Dibenzofuran	15.05	168	34324m	6.15	ng/ul
59) Fluorene	15.69	166	38966m	8.16	ng/ul
70) Phenanthrene	17.43	178	36559m	5.60	ng/ul
72) Anthracene	17.53	178	7949m	1.20	ng/ul
77) Fluoranthene	19.44	202	11054m	1.35	ng/ul
80) Pyrene	19.81	202	14074m	1.60	ng/ul

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

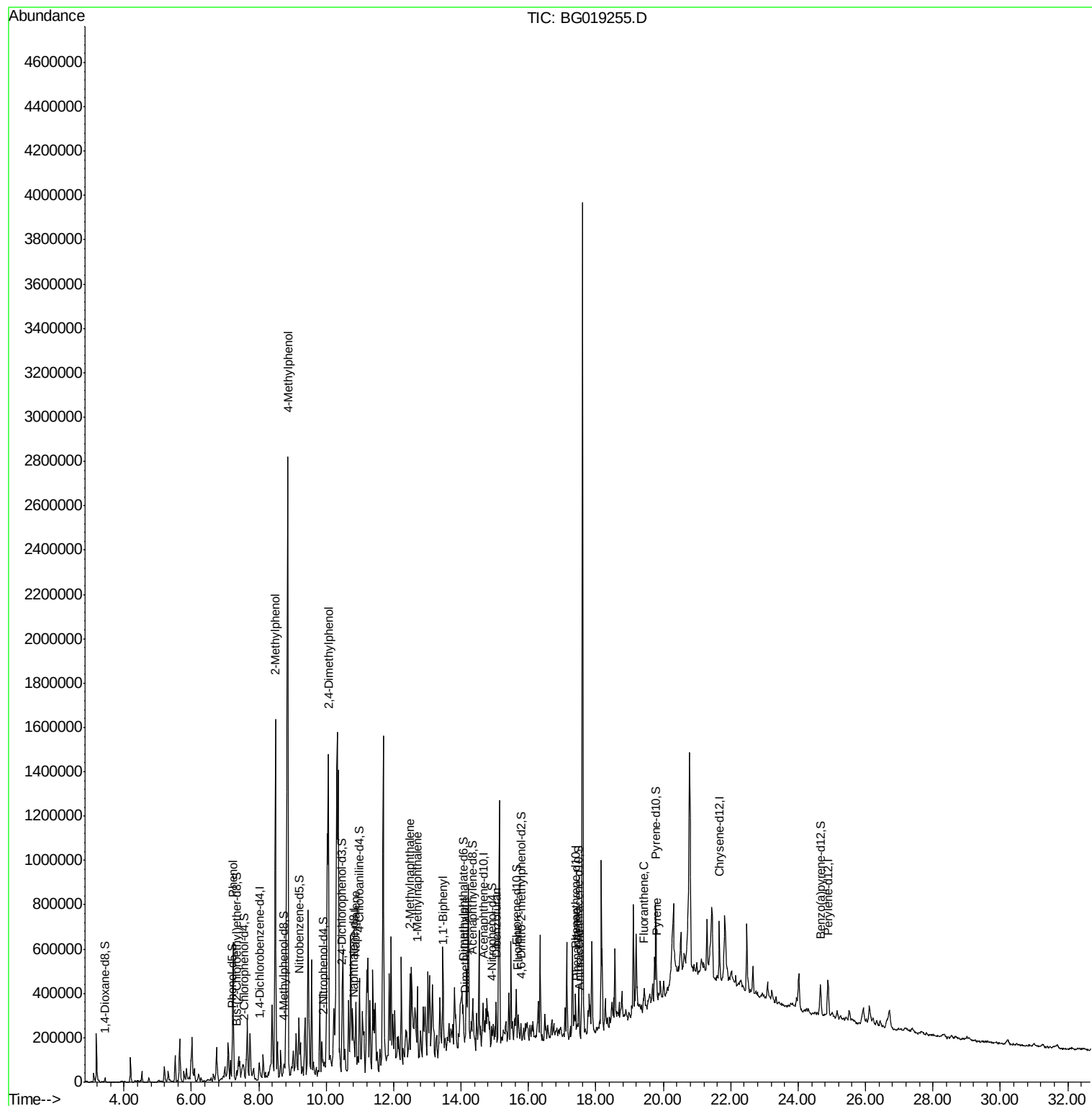
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

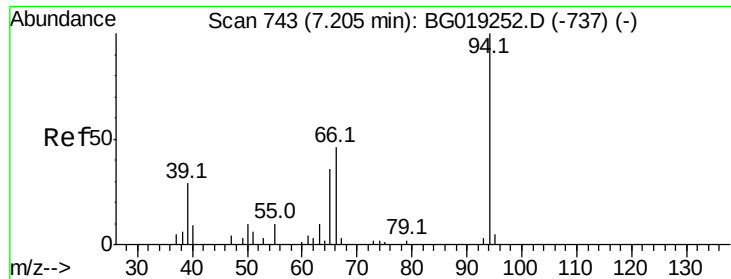
Instrument :
BNA_G
ClientSampleId :
E5LK5

Manual Integrations
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10/20/2015 6:27:36 PM

Quant Time: Oct 20 07:55:55 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration





#6

Phenol

Concen: 165.25 ng/ul

RT: 7.24 min Scan# 749

Delta R.T. 0.03 min

Lab File: BG019255.D

Acq: 20 Oct 2015 00:51

Instrument :

BNA_G

ClientSampled :

E5LK5

Tot Ion: 94 Resp: 283158

Ion Ratio Lower Upper

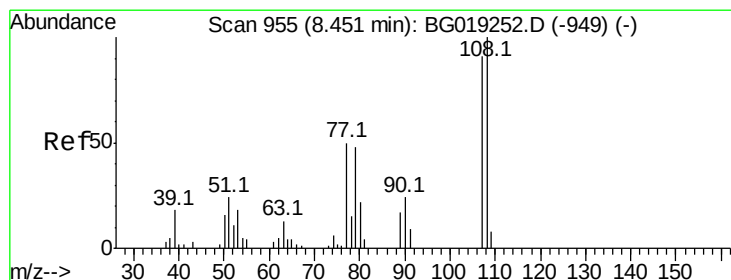
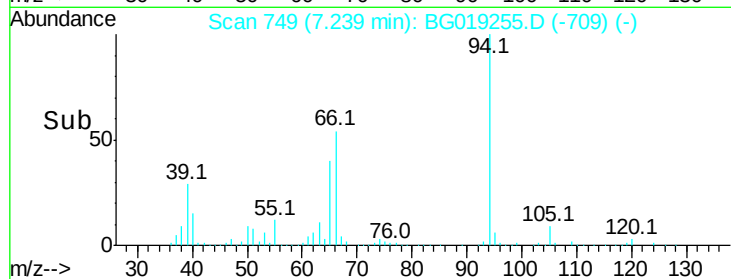
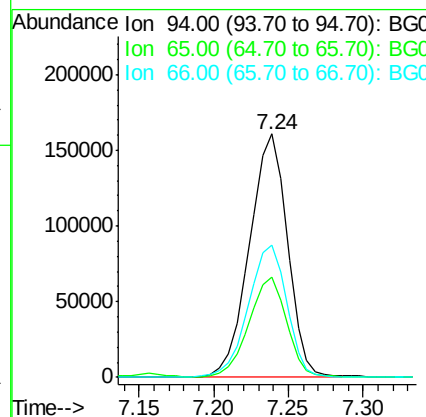
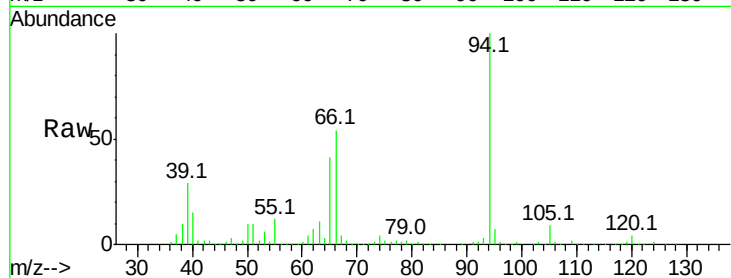
94 100

65 41.1 24.9 37.3#

66 54.4 29.1 43.7#

Manual Integrations
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#11

2-Methylphenol

Concen: 398.41 ng/ul

RT: 8.50 min Scan# 963

Delta R.T. 0.05 min

Lab File: BG019255.D

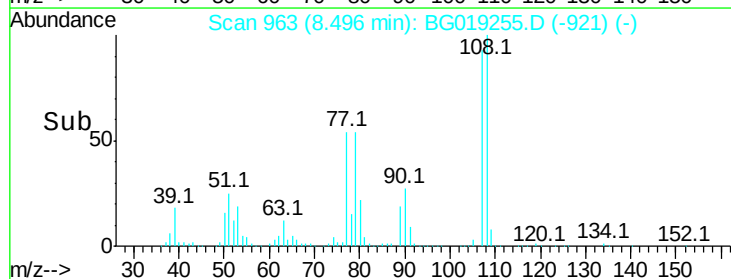
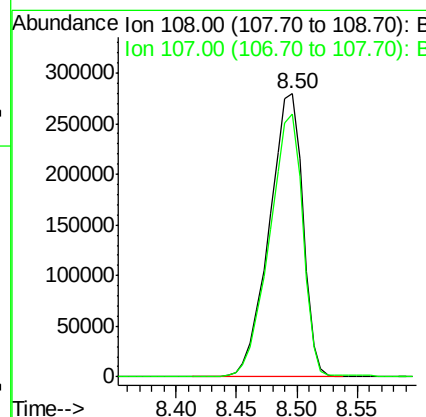
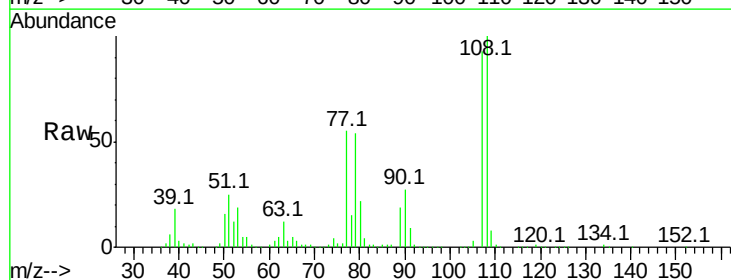
Acq: 20 Oct 2015 00:51

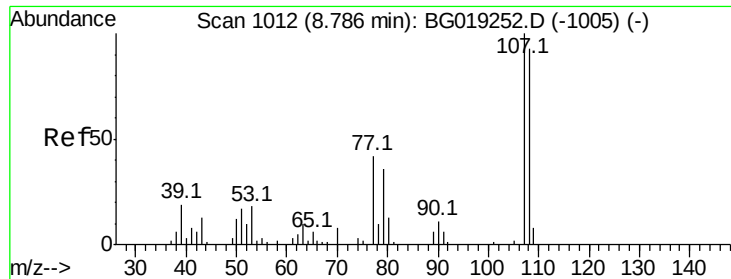
Tgt Ion: 108 Resp: 535842

Ion Ratio Lower Upper

108 100

107 92.8 76.7 115.1





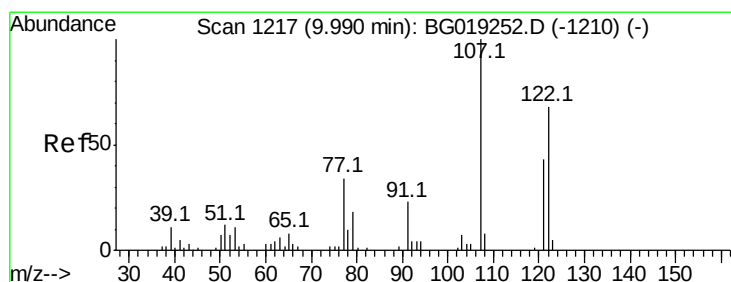
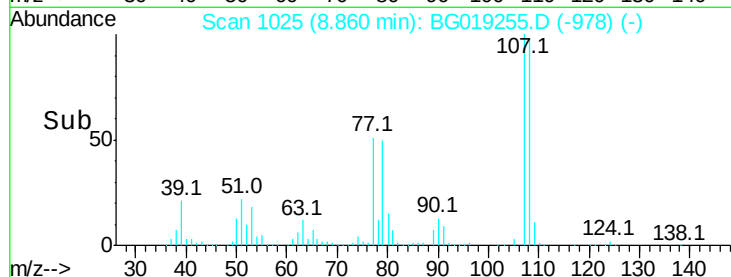
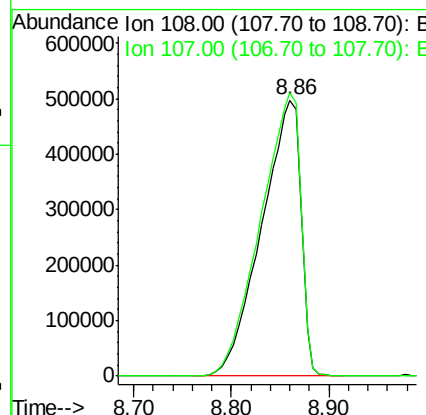
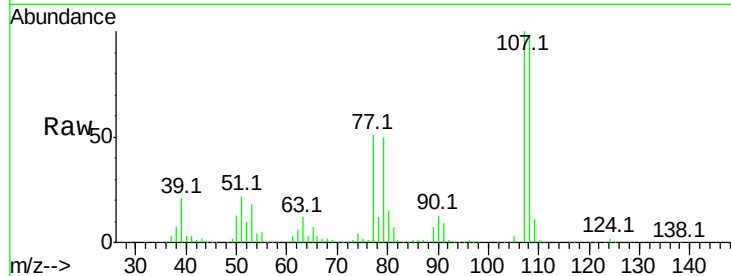
#16
4-Methylphenol
Concen: 927.40 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. 0.07 min
Lab File: BG019255.D
Acq: 20 Oct 2015 00:51

Instrument :
BNA_G
ClientSampled :
E5LK5

Tot Ion:108 Resp: 1399368
Ion Ratio Lower Upper
108 100
107 102.6 86.6 130.0

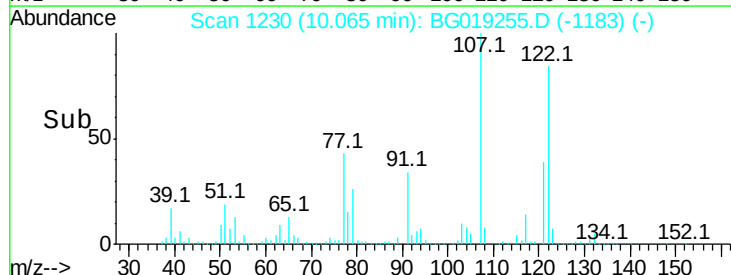
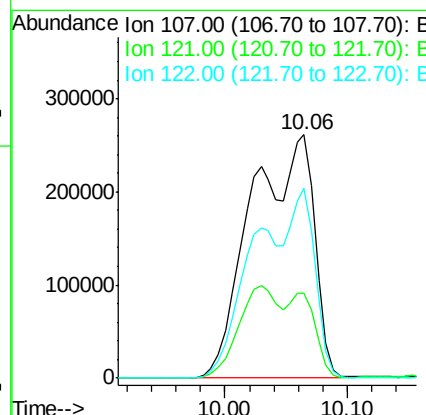
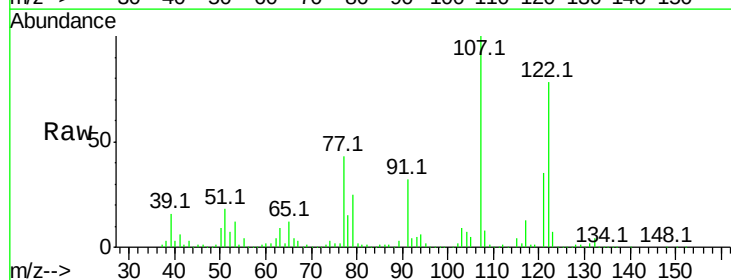
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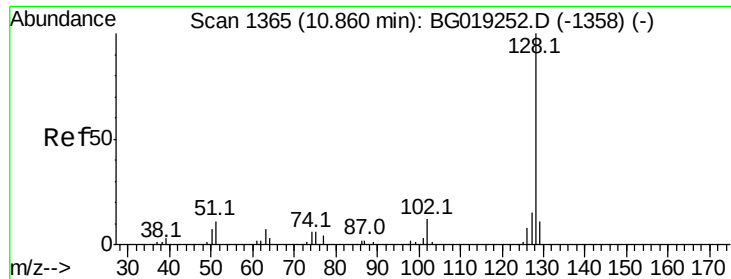
MMdadoda
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#24
2,4-Dimethylphenol
Concen: 534.85 ng/ul m
RT: 10.06 min Scan# 1230
Delta R.T. 0.07 min
Lab File: BG019255.D
Acq: 20 Oct 2015 00:51

Tgt Ion:107 Resp: 929009
Ion Ratio Lower Upper
107 100
121 34.9 37.2 55.8#
122 78.1 67.6 101.4





#28

Naphthalene

Concen: 46.24 ng/ul m

RT: 10.88 min Scan# 1368

Delta R.T. 0.02 min

Lab File: BG019255.D

Acq: 20 Oct 2015 00:51

Instrument :

BNA_G

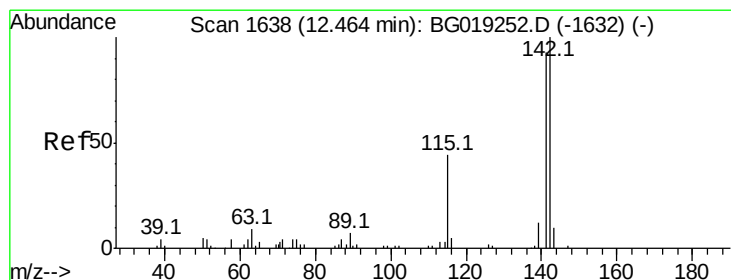
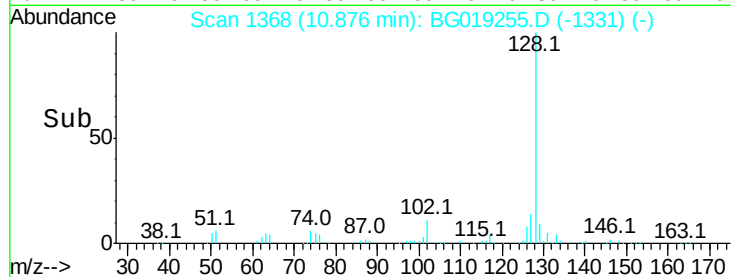
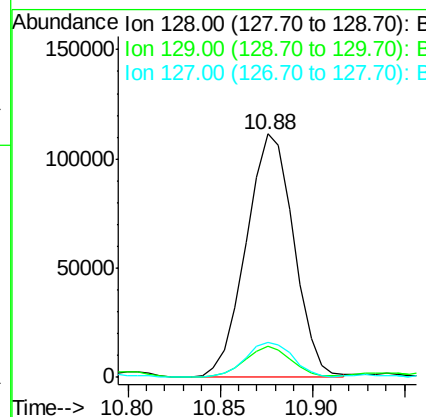
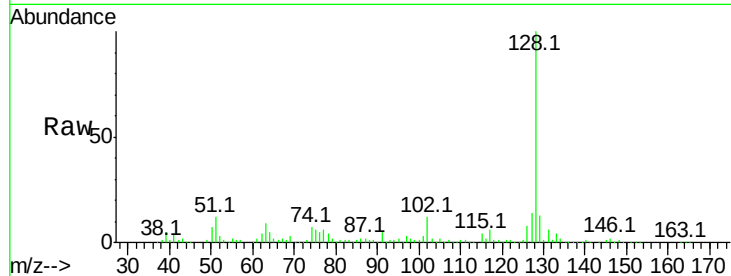
ClientSampleId :

E5LK5

Tot Ion:128	Resp:	199454
Ion Ratio	Lower	Upper
128 100		
129 12.6	9.6	14.4
127 14.2	11.3	16.9

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#34

2-Methylnaphthalene

Concen: 51.27 ng/ul m

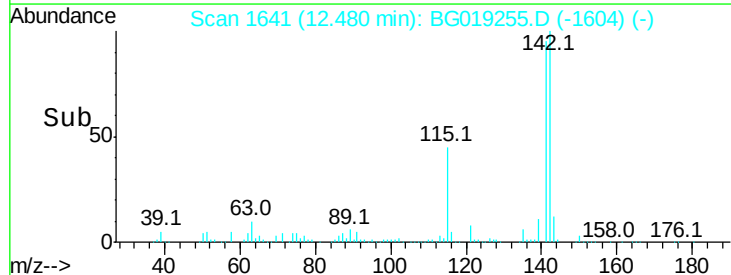
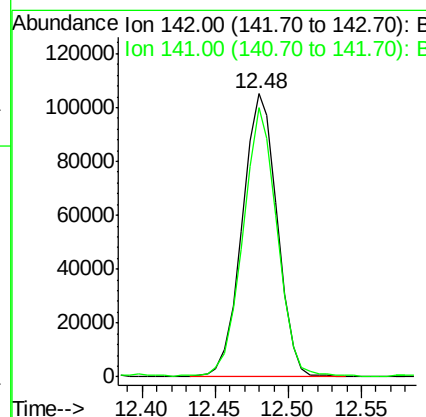
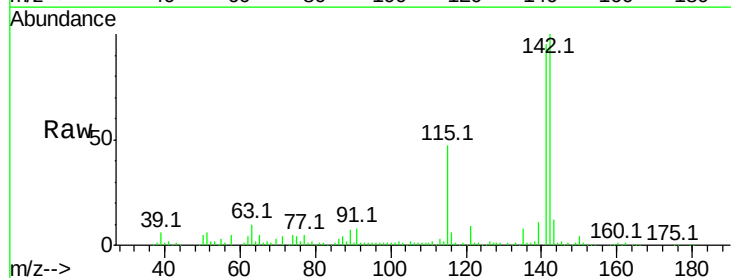
RT: 12.48 min Scan# 1641

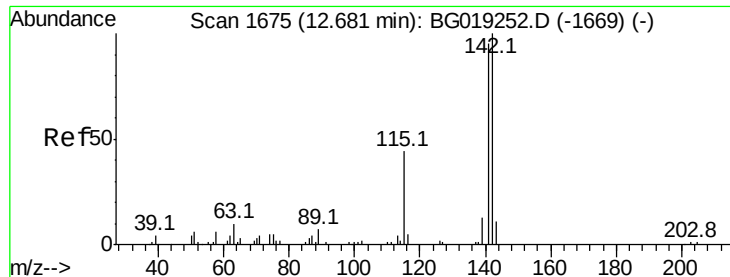
Delta R.T. 0.02 min

Lab File: BG019255.D

Acq: 20 Oct 2015 00:51

Tgt Ion:142	Resp:	175306
Ion Ratio	Lower	Upper
142 100		
141 95.1	73.4	110.0





#35

1-Methylnaphthalene

Concen: 32.95 ng/ul m

RT: 12.70 min Scan# 1678

Delta R.T. 0.02 min

Lab File: BG019255.D

Acq: 20 Oct 2015 00:51

Instrument :

BNA_G

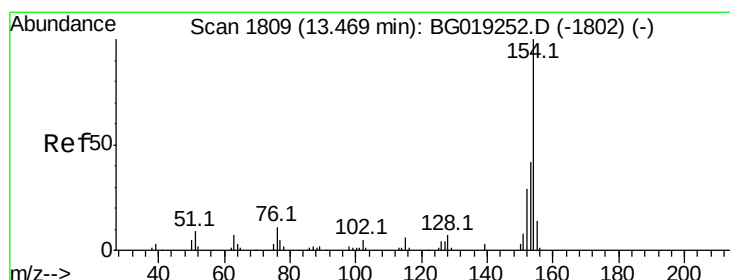
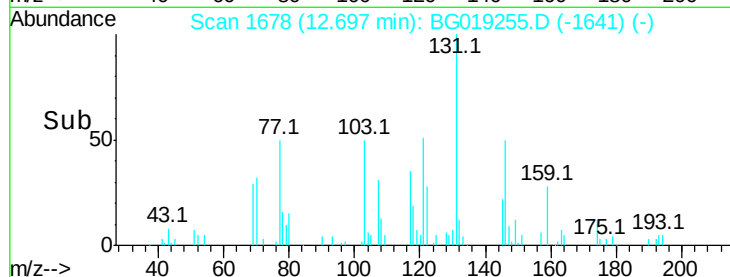
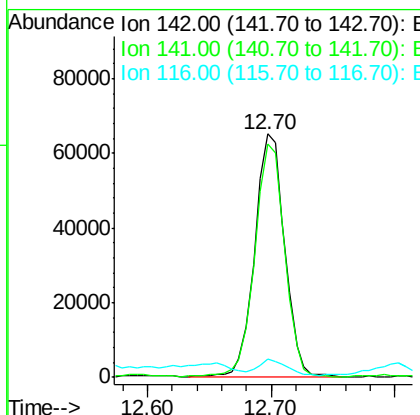
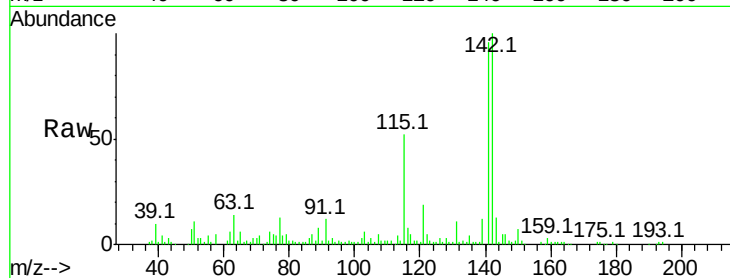
ClientSampled :

E5LK5

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.7	74.8	112.2
116	7.6	3.2	4.8#

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#41

1,1'-Biphenyl

Concen: 6.39 ng/ul m

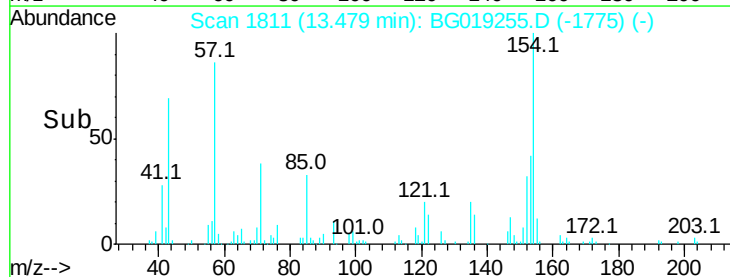
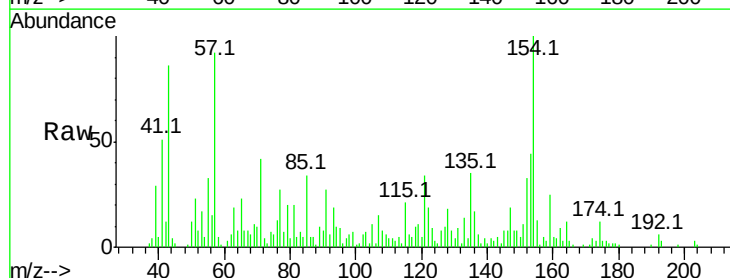
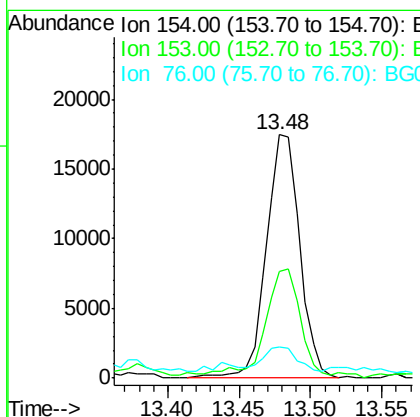
RT: 13.48 min Scan# 1811

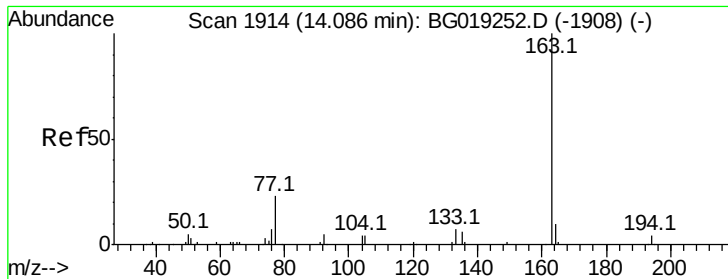
Delta R.T. 0.01 min

Lab File: BG019255.D

Acq: 20 Oct 2015 00:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	31.4	47.0
76	12.7	10.8	16.2





#45

Dimethylphthalate

Concen: 6.15 ng/ul m

RT: 14.11 min Scan# 1919

Delta R.T. 0.03 min

Lab File: BG019255.D

Acq: 20 Oct 2015 00:51

Instrument :

BNA_G

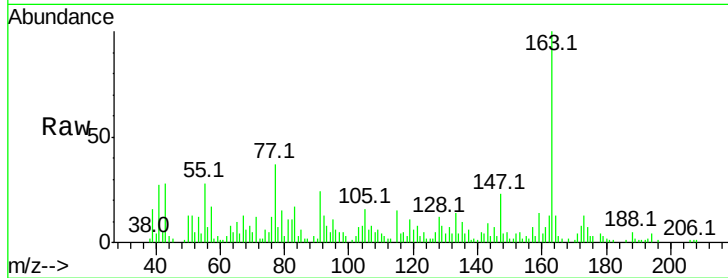
ClientSampleId :

E5LK5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	30628		
194	4.5		3.3	4.9
164	13.1		8.1	12.1#

Manual Integrations
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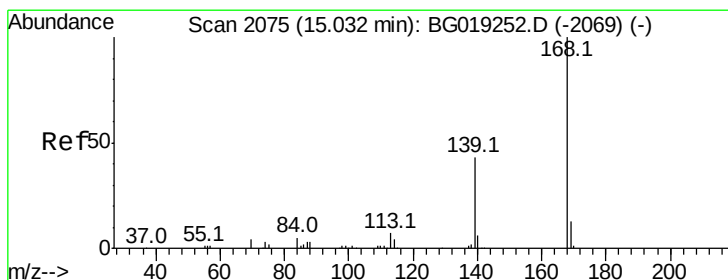
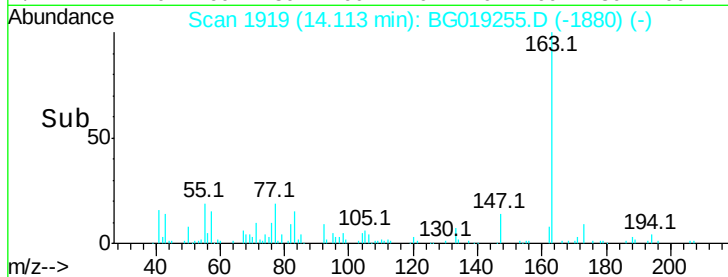
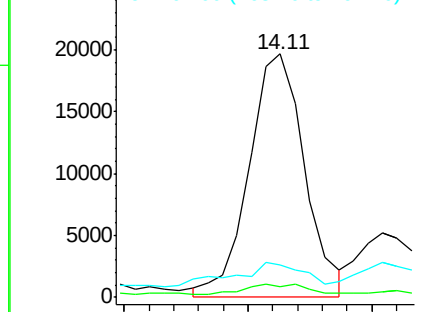


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

Dibenzofuran

Concen: 6.15 ng/ul m

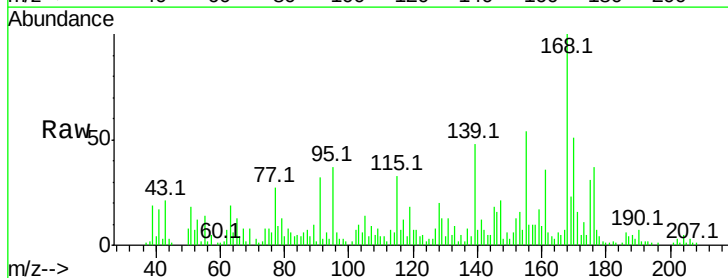
RT: 15.05 min Scan# 2078

Delta R.T. 0.02 min

Lab File: BG019255.D

Acq: 20 Oct 2015 00:51

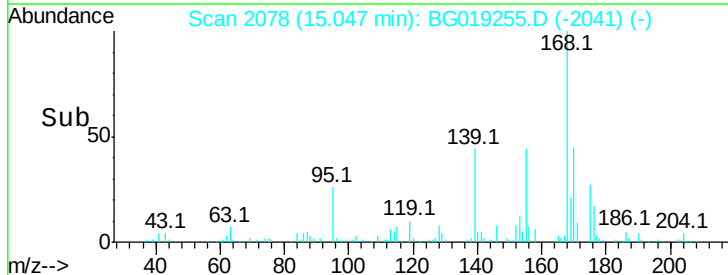
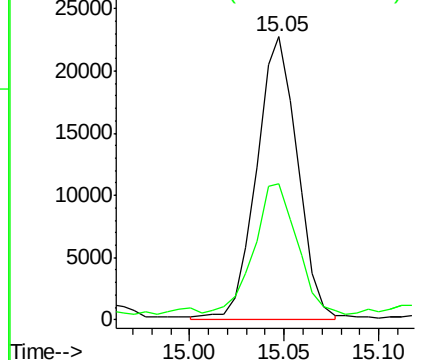
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	34324		
139	47.9		28.5	42.7#

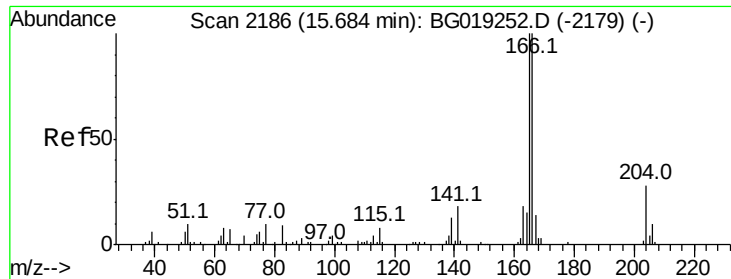


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





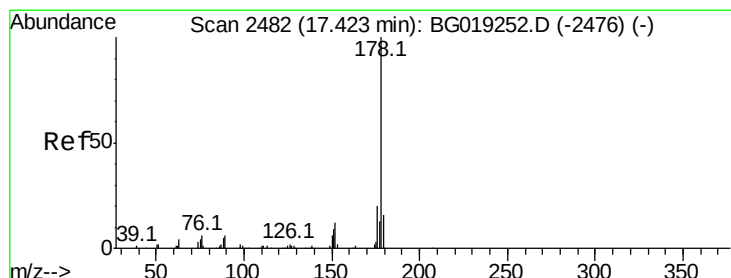
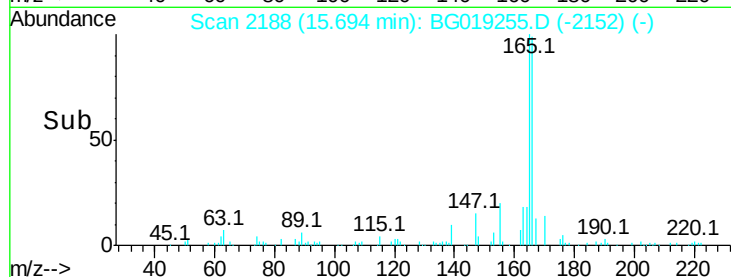
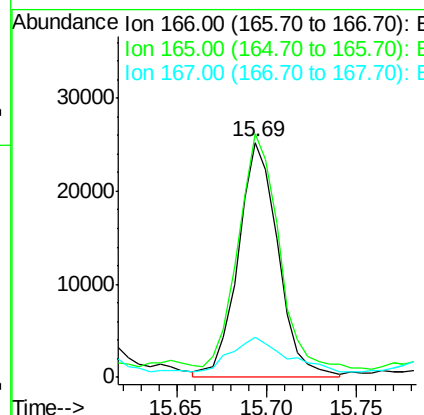
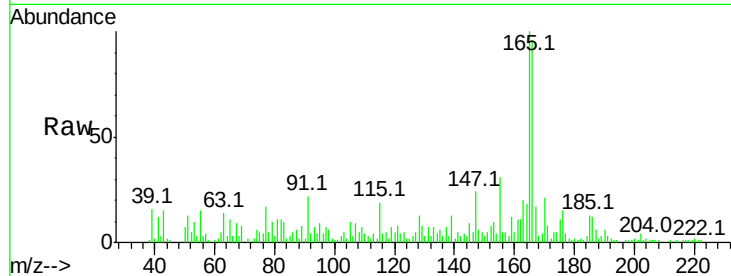
#59
Fluorene
Concen: 8.16 ng/ul m
RT: 15.69 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BG019255.D
Acq: 20 Oct 2015 00:51

Instrument :
BNA_G
ClientSampleId :
E5LK5

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	103.7	77.7	116.5	
167	17.2	10.4	15.6#	

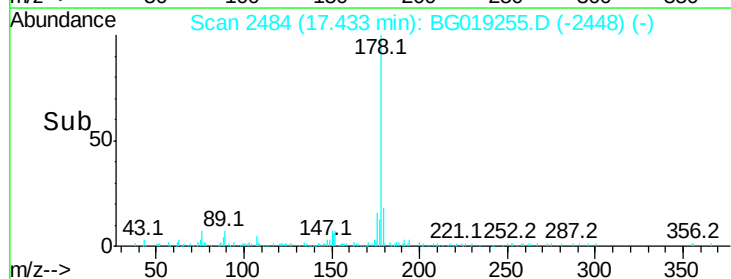
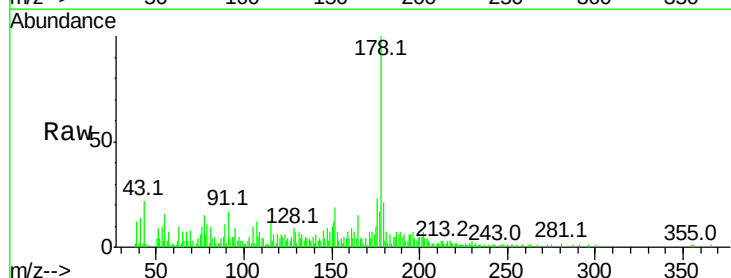
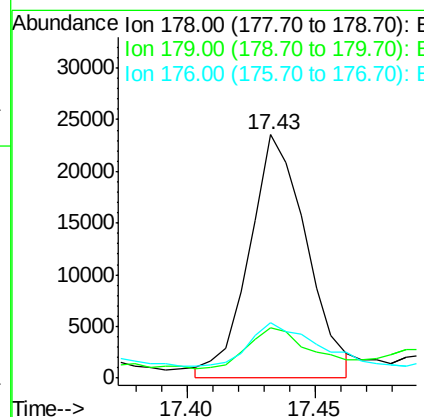
Manual Integrations
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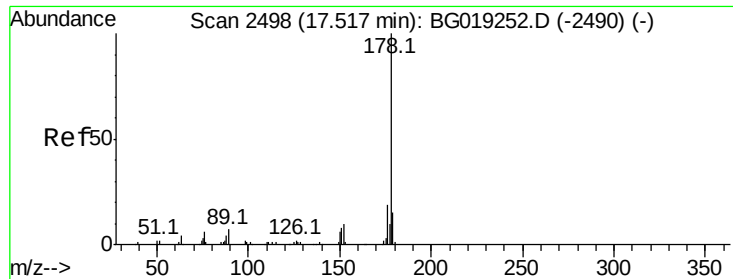
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#70
Phenanthrene
Concen: 5.60 ng/ul m
RT: 17.43 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BG019255.D
Acq: 20 Oct 2015 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	20.8	12.5	18.7#	
176	22.9	15.4	23.0	





#72

Anthracene

Concen: 1.20 ng/ul m

RT: 17.53 min Scan# 2500

Delta R.T. 0.01 min

Lab File: BG019255.D

Acq: 20 Oct 2015 00:51

Instrument :

BNA_G

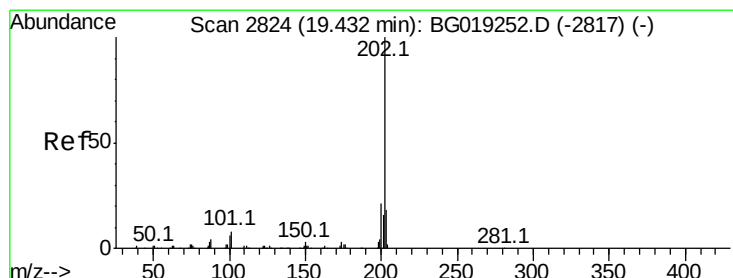
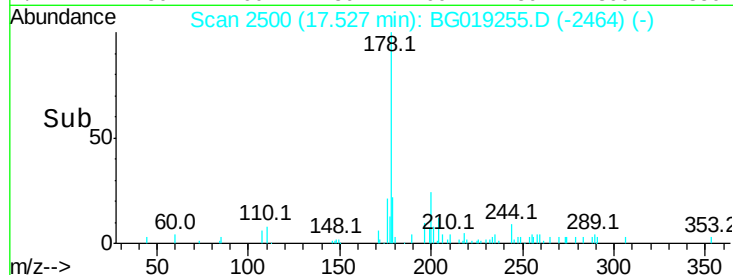
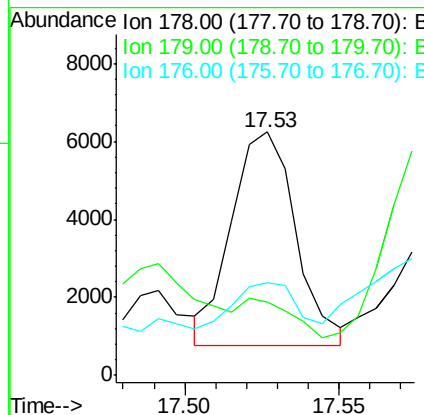
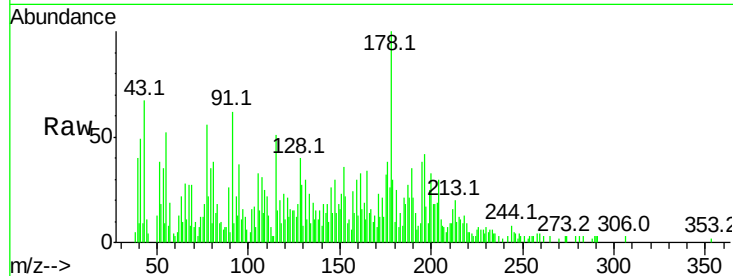
ClientSampleId :

E5LK5

Tot Ion:	178	Resp:	7949
Ion Ratio	Lower	Upper	
178	100		
179	30.3	12.2	18.4#
176	37.9	15.0	22.6#

Manual Integrations
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#77

Fluoranthene

Concen: 1.35 ng/ul m

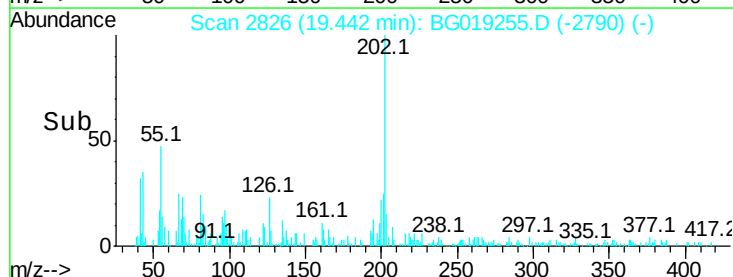
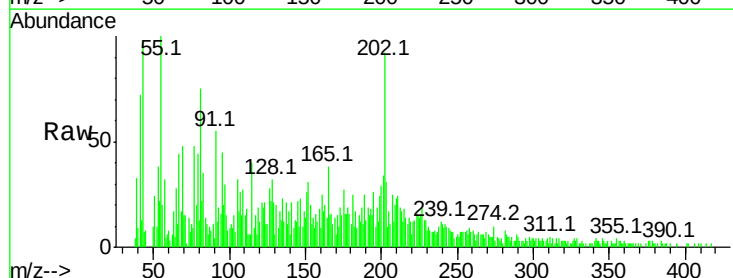
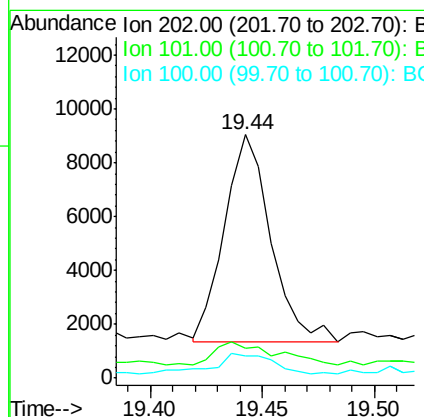
RT: 19.44 min Scan# 2826

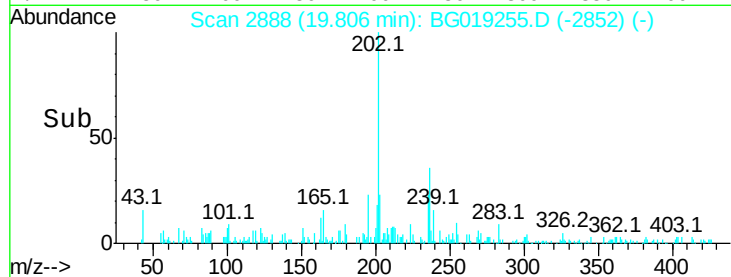
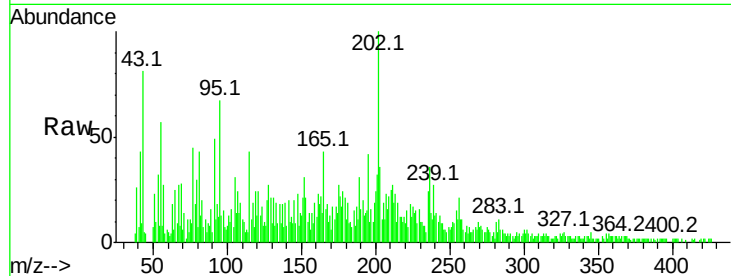
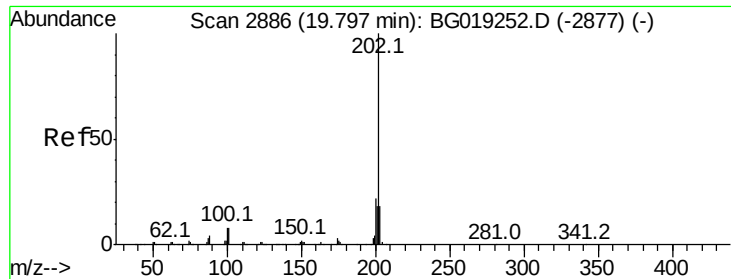
Delta R.T. 0.01 min

Lab File: BG019255.D

Acq: 20 Oct 2015 00:51

Tgt Ion:	202	Resp:	11054
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.0	13.4
100	9.3	6.9	10.3





#80

Pvrene

Concen: 1.60 ng/ul m

RT: 19.81 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG019255.D

Acq: 20 Oct 2015 00:51

Instrument :

BNA_G

ClientSampleId :

E5LK5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	10.2	15.2
100	8.3	8.5	12.7

Manual Integrations
APPROVED

MMdadoda
10/20/2015 6:27:36 PM

