

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Manual Integrations
 APPROVED

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 10/20/2015 6:27:26 PM

Quant Time: Oct 20 05:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 04:07:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	17030	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	78540	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	55024m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	116945m	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	135105m	20.00	ng/ul	0.01
86) Perylene-d12	24.88	264	131411m	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.18	99	2319	1.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	1632	1.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	2095	1.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	2247	1.78	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	982	1.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	1174	1.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	2293	1.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	4030m	2.46	ng/ul	0.02
44) Dimethylphthalate-d6	14.05	166	11370m	2.36	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	13378m	2.57	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.64	176	32325m	7.86	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.61	200	318	0.44	ng/ul	-0.15
71) Anthracene-d10	17.49	188	12925m	2.34	ng/ul	0.00
79) Pyrene-d10	19.78	212	9931m	1.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	16655m	2.51	ng/ul	0.01

Target Compounds

						Ovalue
24) 2,4-Dimethylphenol	10.02	107	36239m	21.92	ng/ul	
28) Naphthalene	10.86	128	18417	4.49	ng/ul	96
34) 2-Methylnaphthalene	12.47	142	23062	7.09	ng/ul	99
35) 1-Methylnaphthalene	12.69	142	21108	6.62	ng/ul#	96
41) 1,1'-Biphenyl	13.47	154	14178	3.30	ng/ul	96
50) Acenaphthene	14.71	153	10646m	2.77	ng/ul	
54) Dibenzofuran	15.04	168	66127m	12.18	ng/ul	
59) Fluorene	15.69	166	50298m	10.82	ng/ul	
70) Phenanthrene	17.44	178	227900m	34.90	ng/ul	
72) Anthracene	17.53	178	46957m	7.08	ng/ul	
77) Fluoranthene	19.45	202	88491m	10.83	ng/ul	
80) Pyrene	19.81	202	95676m	11.93	ng/ul	
83) Benzo(a)anthracene	21.64	228	22703m	2.98	ng/ul	
85) Chrysene	21.71	228	27682m	3.84	ng/ul	
91) Benzo(a)pyrene	24.72	252	8760m	1.22	ng/ul	

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

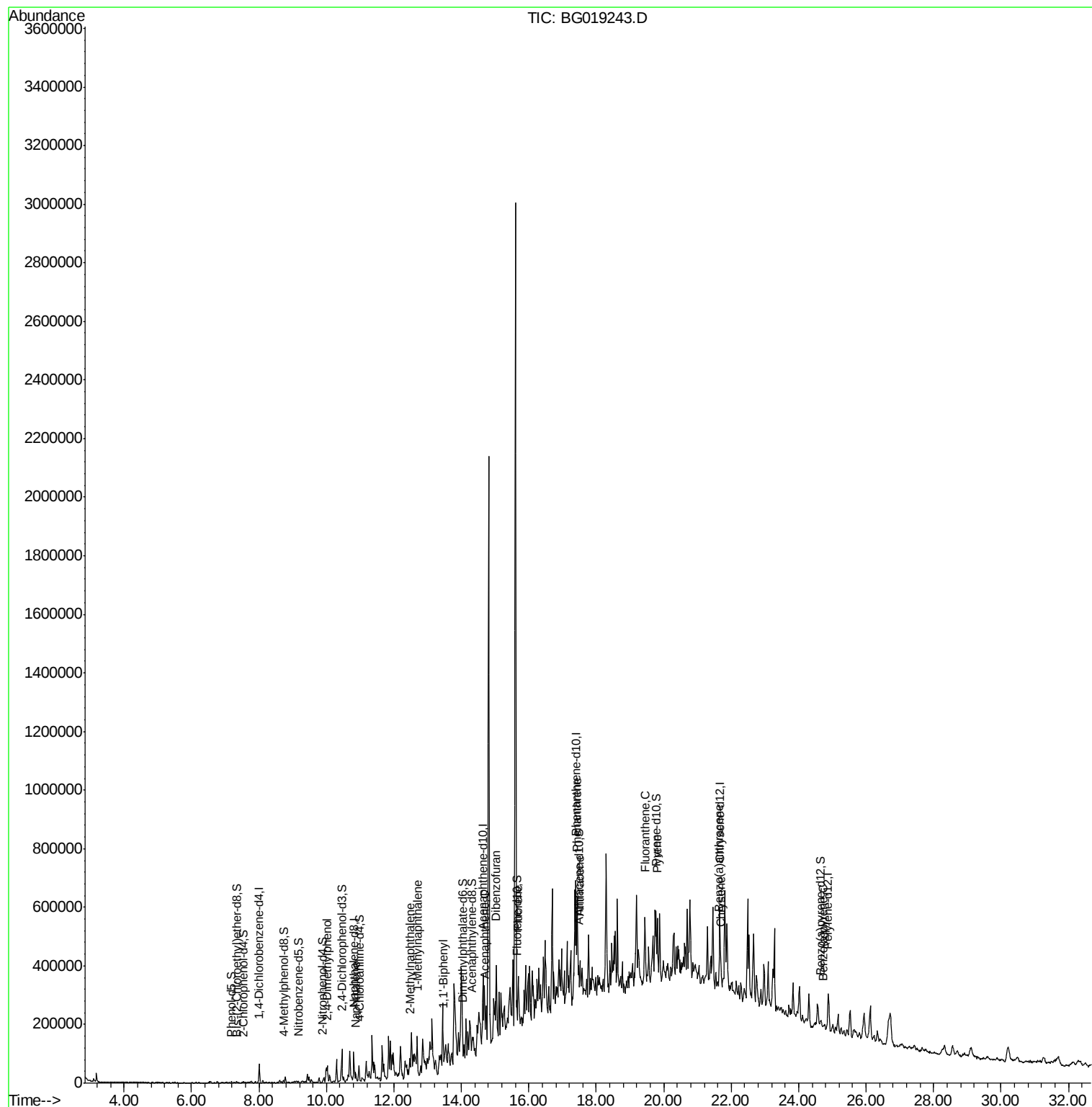
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

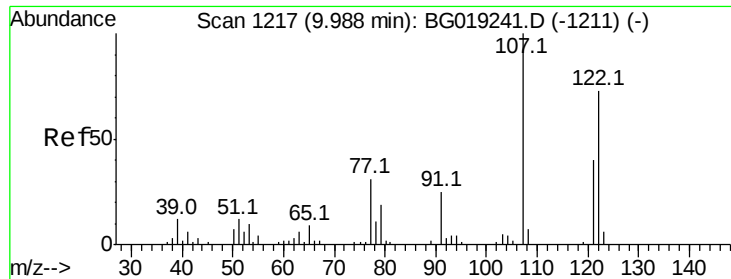
Instrument :
BNA_G
ClientSampleId :
E5LK1DL

Manual Integrations
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10/20/2015 6:27:26 PM

Quant Time: Oct 20 05:38:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 04:07:05 2015
Response via : Initial Calibration





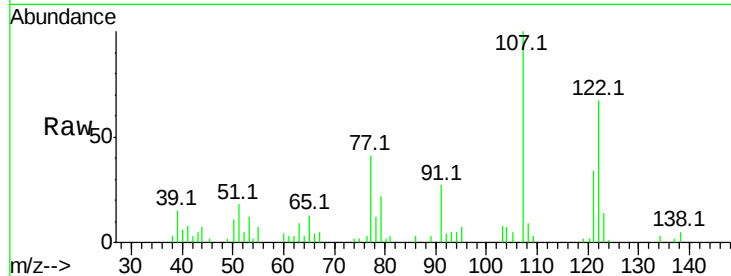
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2,4-Dimethylphenol
Concen: 21.92 ng/ul m
RT: 10.02 min Scan# 1222
Delta R.T. 0.03 min
Lab File: BG019243.D
Acq: 19 Oct 2015 16:13

Instrument :
BNA_G
ClientSampleId :
E5LK1DL

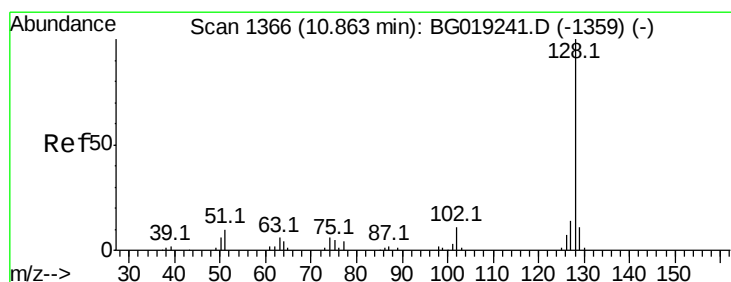
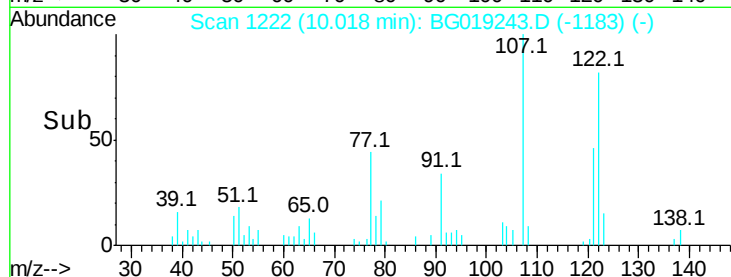
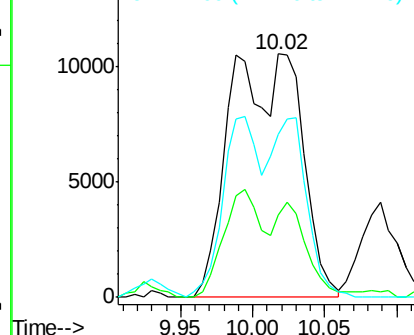
Tot Ion	Ratio	Lower	Upper
107	100		
121	34.1	37.2	55.8#
122	67.1	67.6	101.4#

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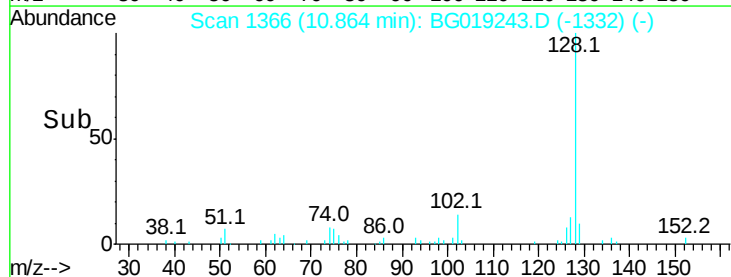
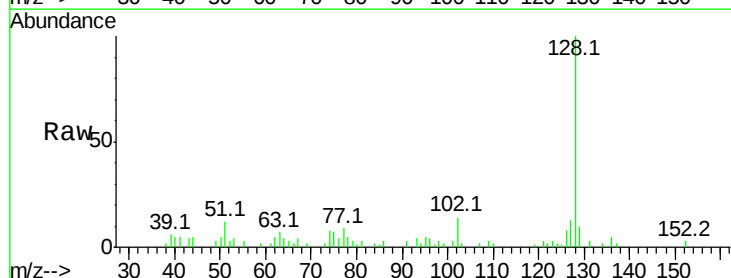
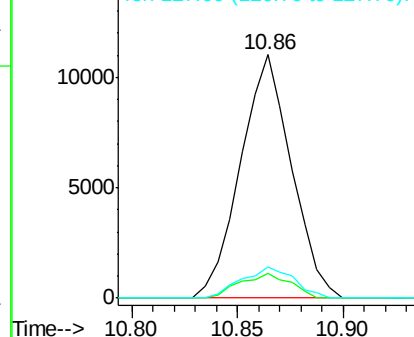
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E

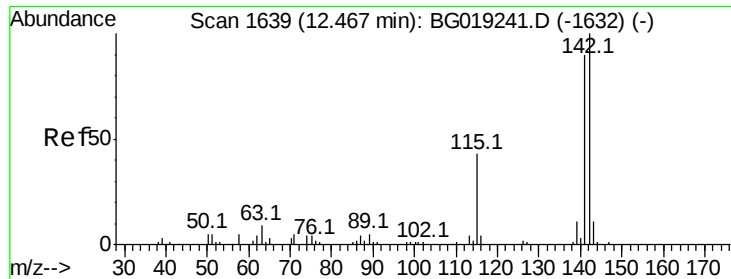


#28
Naphthalene
Concen: 4.49 ng/ul
RT: 10.86 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG019243.D
Acq: 19 Oct 2015 16:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.6	14.4
127	12.7	11.3	16.9

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





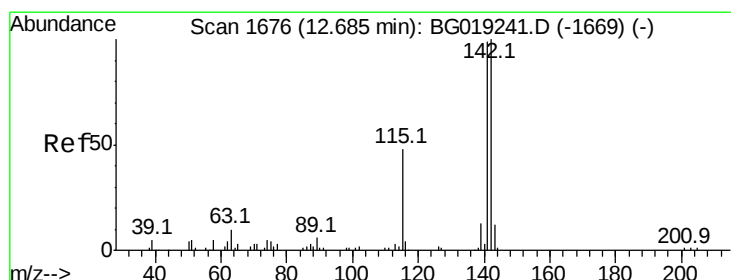
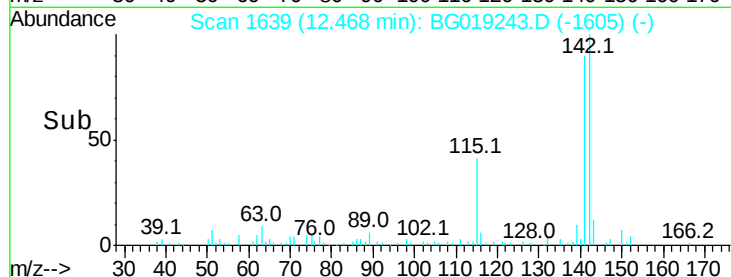
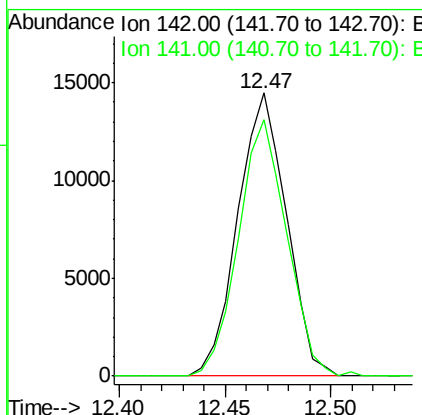
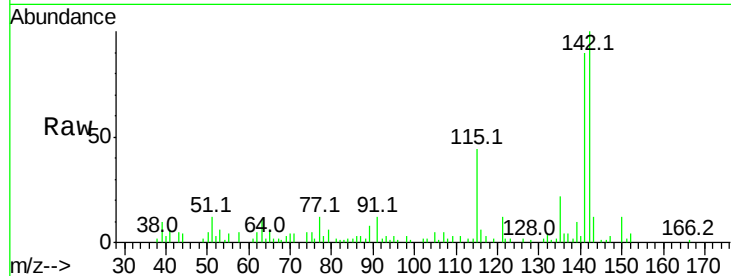
#34
2-Methylnaphthalene
Concen: 7.09 ng/ul
RT: 12.47 min Scan# 1639
Delta R.T. 0.00 min
Lab File: BG019243.D
Acq: 19 Oct 2015 16:13

Instrument :
BNA_G
ClientSampleId :
E5LK1DL

Tot Ion:142 Resp: 23062
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.0

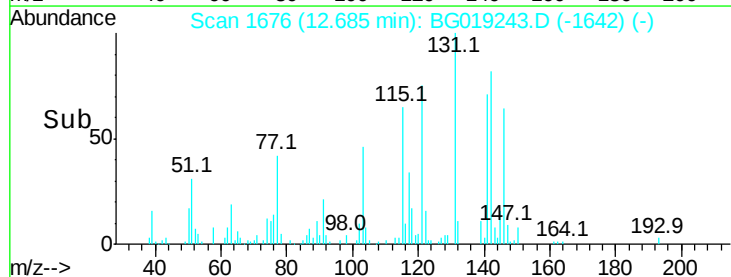
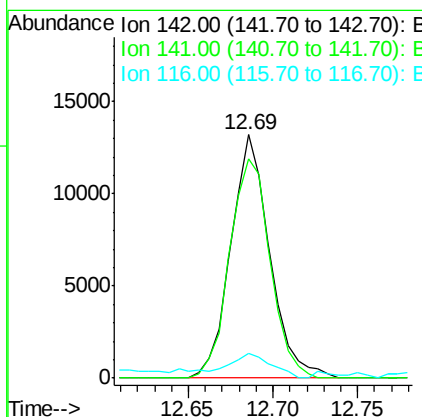
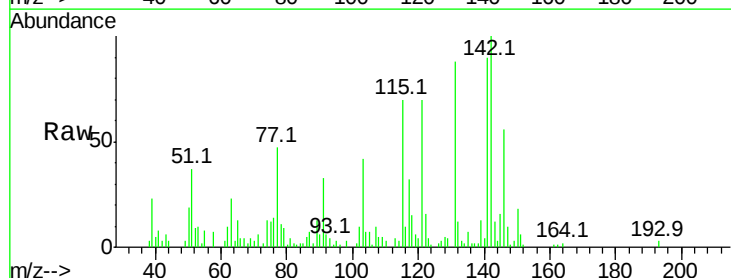
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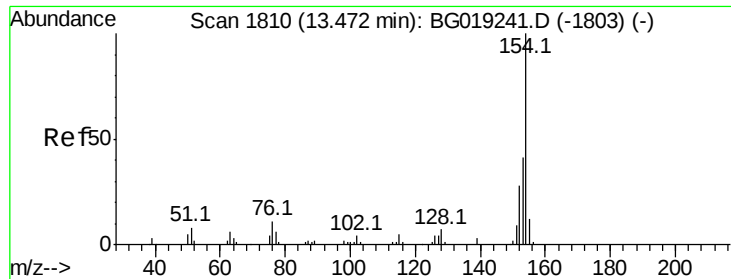
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#35
1-Methylnaphthalene
Concen: 6.62 ng/ul
RT: 12.69 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG019243.D
Acq: 19 Oct 2015 16:13

Tgt Ion:142 Resp: 21108
Ion Ratio Lower Upper
142 100
141 90.0 74.8 112.2
116 10.2 3.2 4.8#





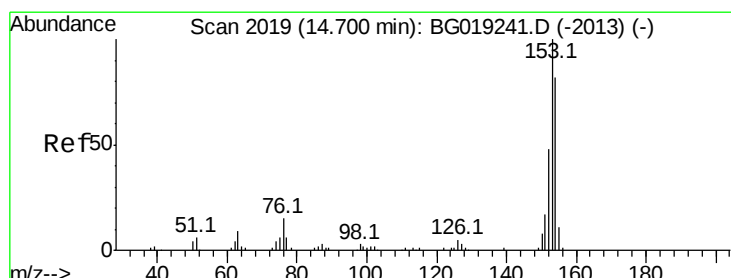
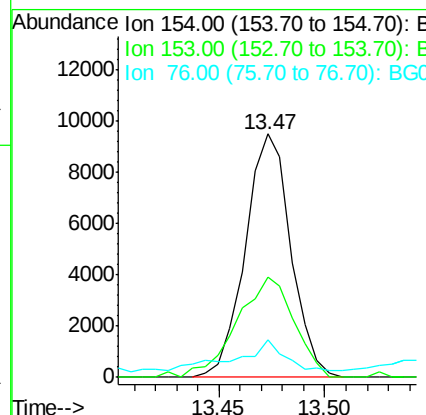
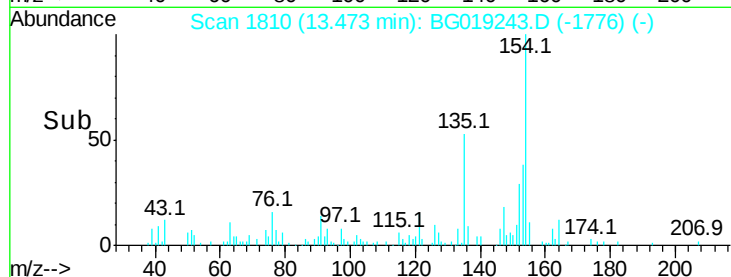
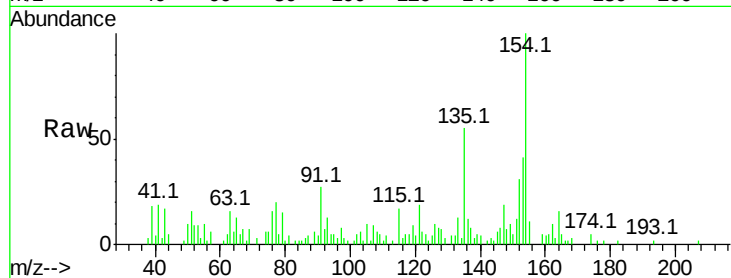
#41
1,1'-Biphenyl
Concen: 3.30 ng/ul
RT: 13.47 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG019243.D
Acq: 19 Oct 2015 16:13

Instrument :
BNA_G
ClientSampleId :
E5LK1DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	31.4	47.0
76	15.6	10.8	16.2

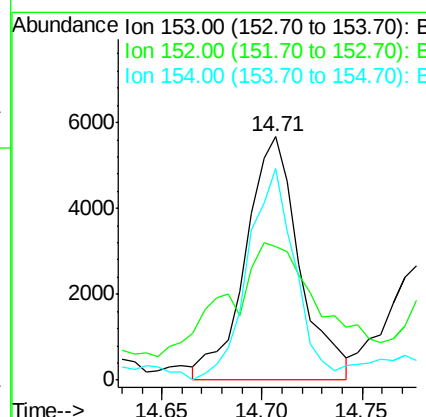
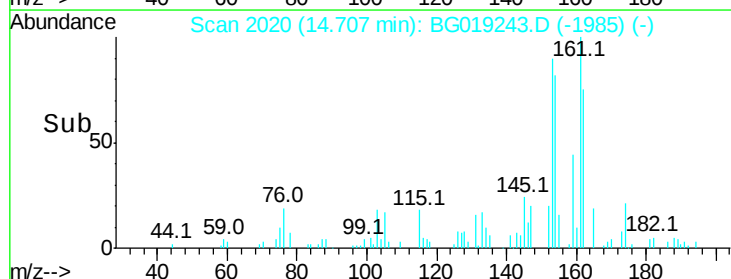
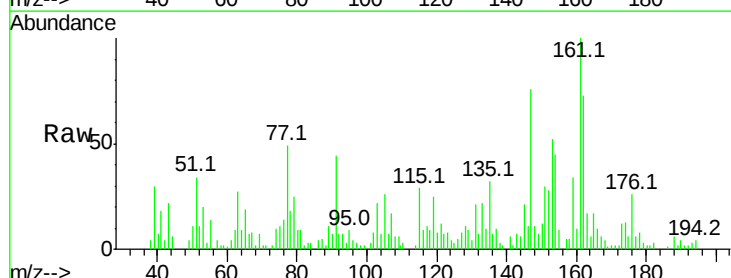
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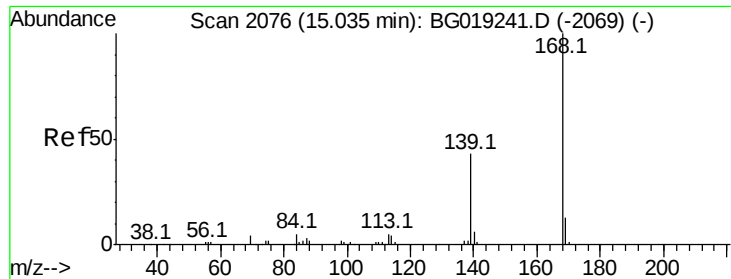
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#50
Acenaphthene
Concen: 2.77 ng/ul m
RT: 14.71 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG019243.D
Acq: 19 Oct 2015 16:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	54.7	36.2	54.2#
154	87.0	67.5	101.3





#54

Dibenzofuran

Concen: 12.18 ng/ul m

RT: 15.04 min Scan# 2077

Delta R.T. 0.01 min

Lab File: BG019243.D

Acq: 19 Oct 2015 16:13

Instrument :

BNA_G

ClientSampleId :

E5LK1DL

Tot Ion:168 Resp: 66127

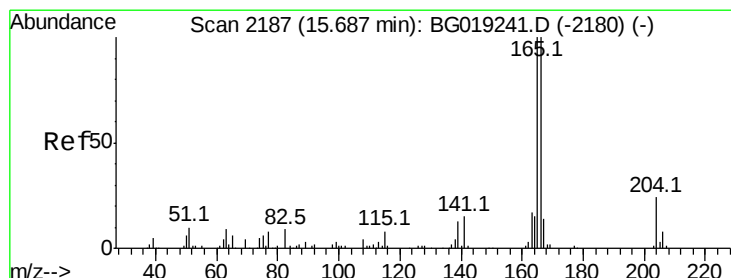
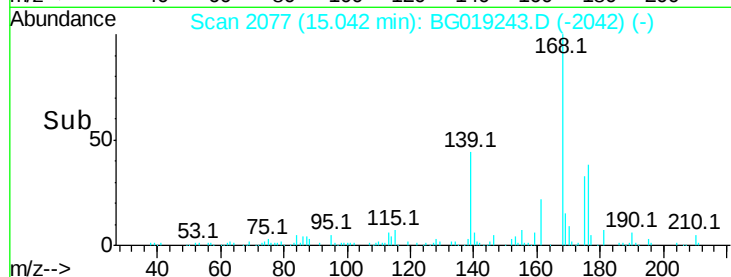
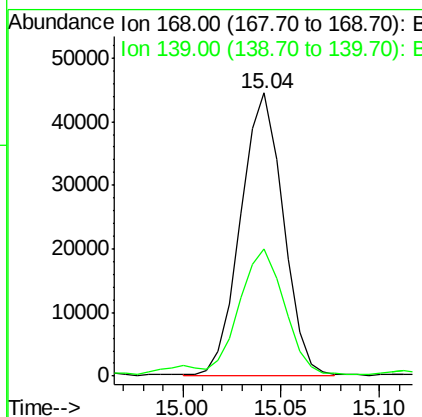
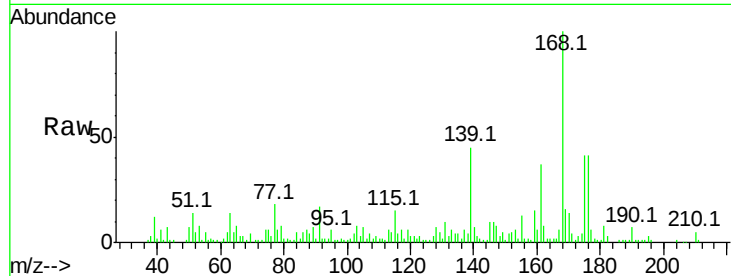
Ion Ratio Lower Upper

168 100

139 44.8 28.5 42.7#

Manual Integrations
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#59

Fluorene

Concen: 10.82 ng/ul m

RT: 15.69 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BG019243.D

Acq: 19 Oct 2015 16:13

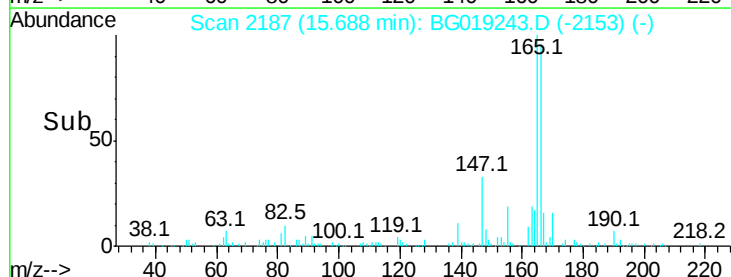
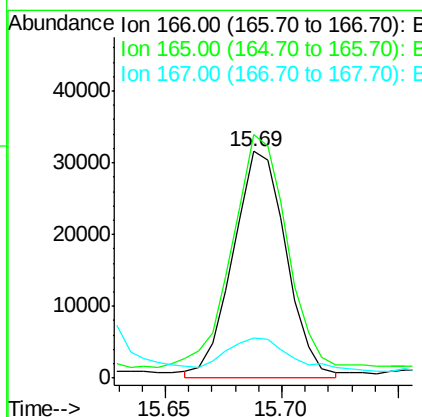
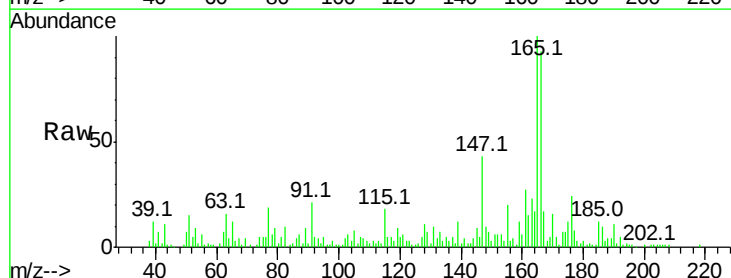
Tgt Ion:166 Resp: 50298

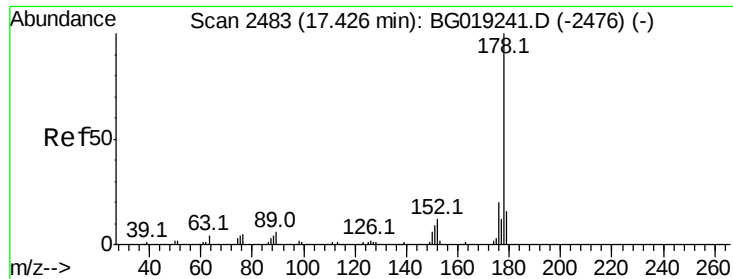
Ion Ratio Lower Upper

166 100

165 107.3 77.7 116.5

167 17.8 10.4 15.6#





#70

Phenanthrene

Concen: 34.90 ng/ul m

RT: 17.44 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BG019243.D

Acq: 19 Oct 2015 16:13

Instrument :

BNA_G

ClientSampleId :

E5LK1DL

Tot Ion:178 Resp: 227900

Ion Ratio Lower Upper

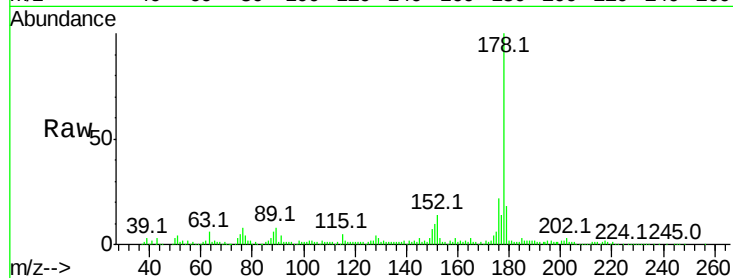
178 100

179 17.7 12.5 18.7

176 21.8 15.4 23.0

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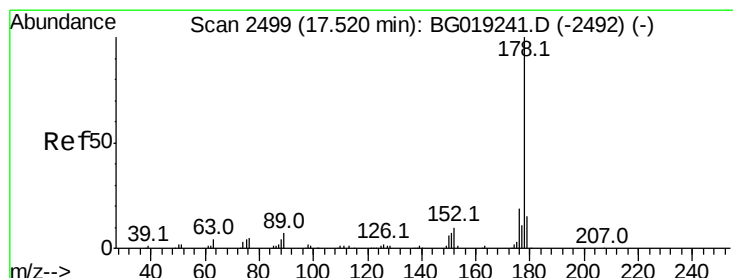
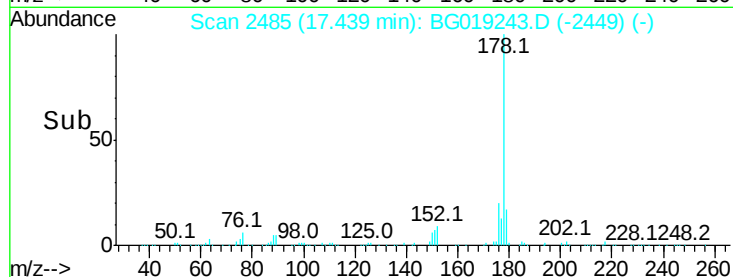
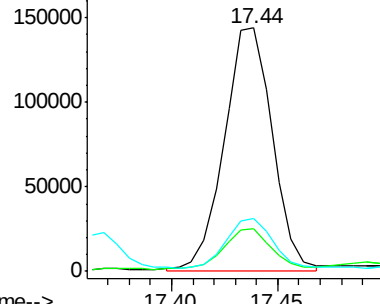
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 7.08 ng/ul m

RT: 17.53 min Scan# 2500

Delta R.T. 0.01 min

Lab File: BG019243.D

Acq: 19 Oct 2015 16:13

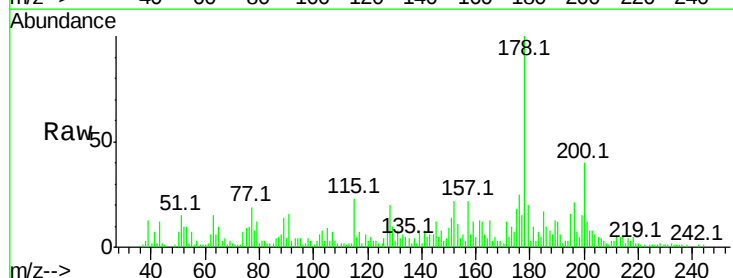
Tgt Ion:178 Resp: 46957

Ion Ratio Lower Upper

178 100

179 19.6 12.2 18.4#

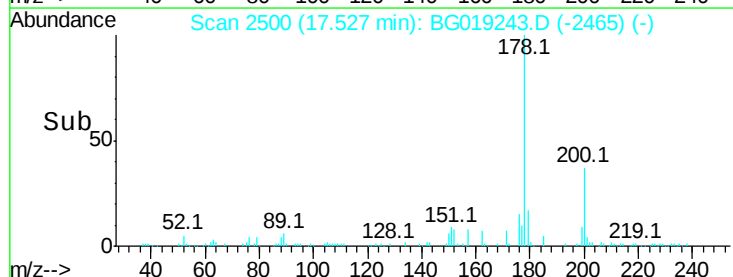
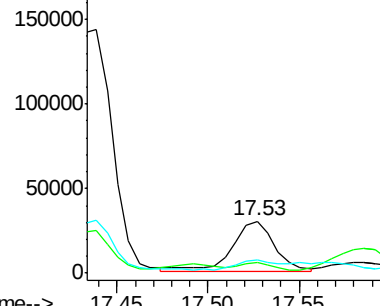
176 24.7 15.0 22.6#

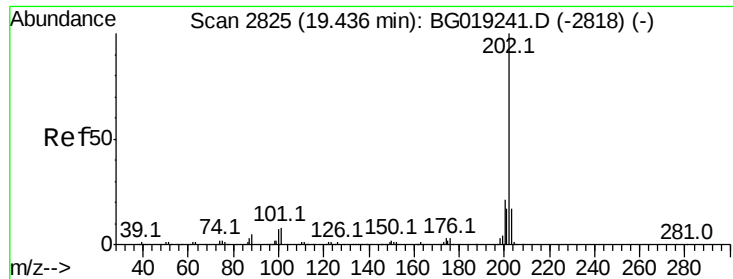


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 10.83 ng/ul m

RT: 19.45 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BG019243.D

Acq: 19 Oct 2015 16:13

Instrument :

BNA_G

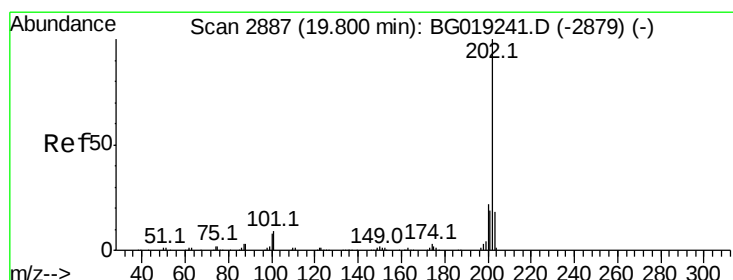
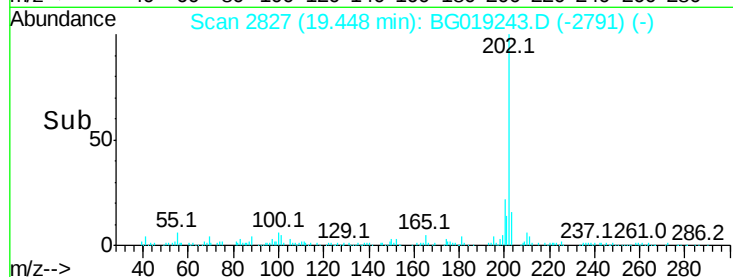
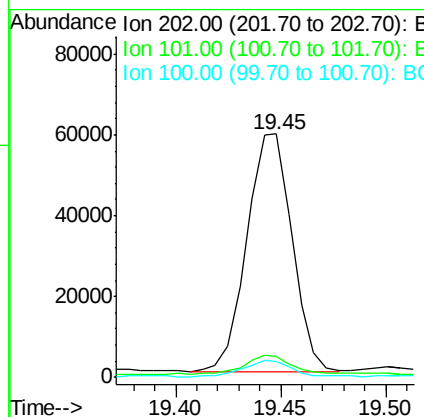
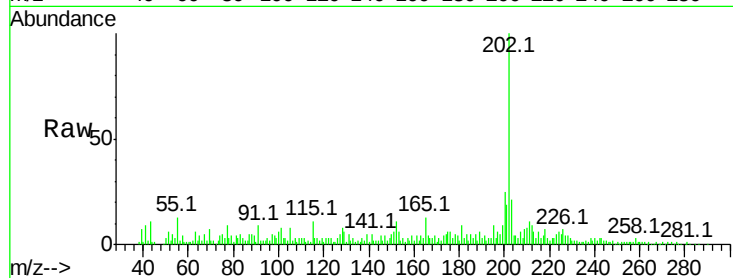
ClientSampleId :

E5LK1DL

Tot Ion:	202	Resp:	88491
Ion Ratio	Lower	Upper	
202	100		
101	8.4	9.0	13.4#
100	6.3	6.9	10.3#

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#80

Pyrene

Concen: 11.93 ng/ul m

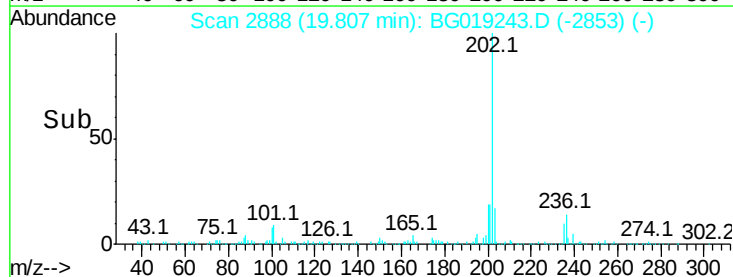
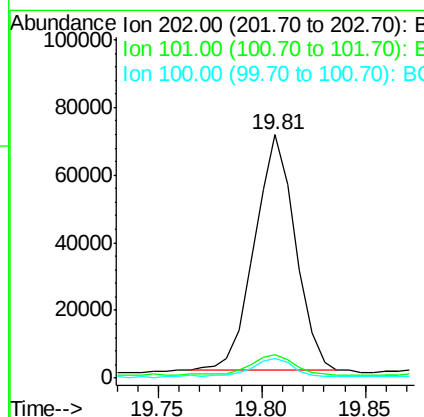
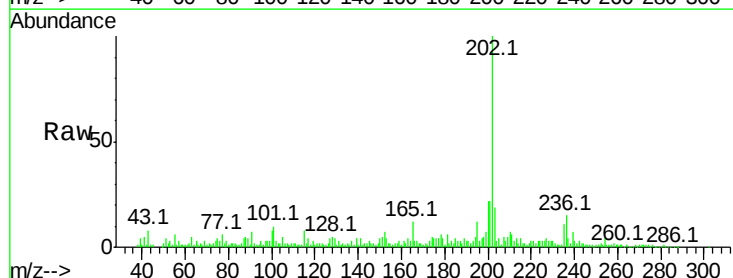
RT: 19.81 min Scan# 2888

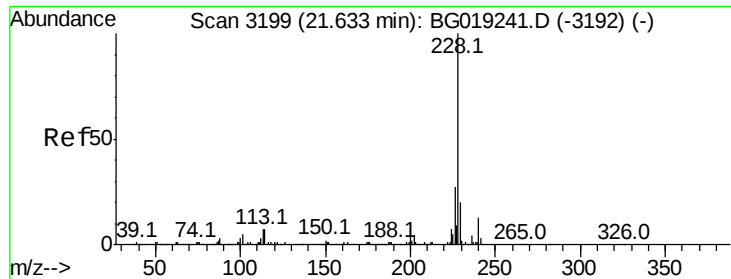
Delta R.T. 0.01 min

Lab File: BG019243.D

Acq: 19 Oct 2015 16:13

Tgt Ion:	202	Resp:	95676
Ion Ratio	Lower	Upper	
202	100		
101	9.6	10.2	15.2#
100	8.1	8.5	12.7#





#83

Benzo(a)anthracene

Concen: 2.98 ng/ul m

RT: 21.64 min Scan# 3200

Delta R.T. 0.01 min

Lab File: BG019243.D

Acq: 19 Oct 2015 16:13

Instrument :

BNA_G

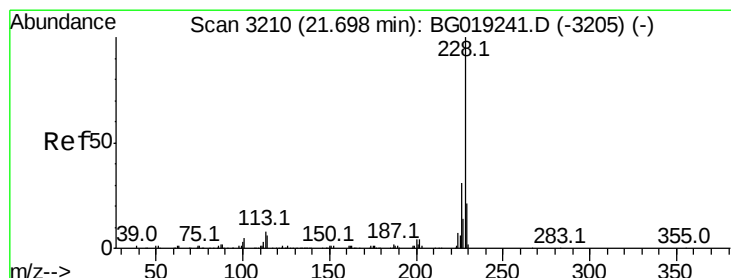
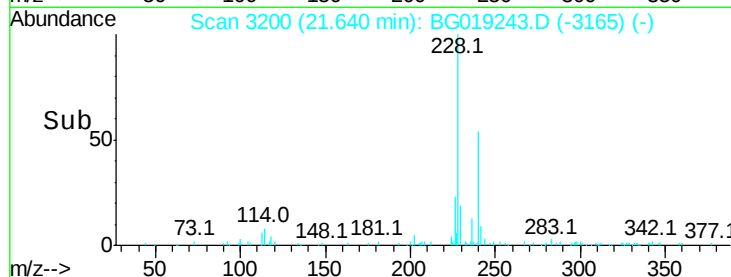
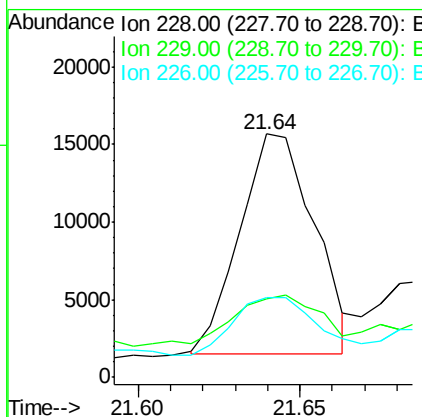
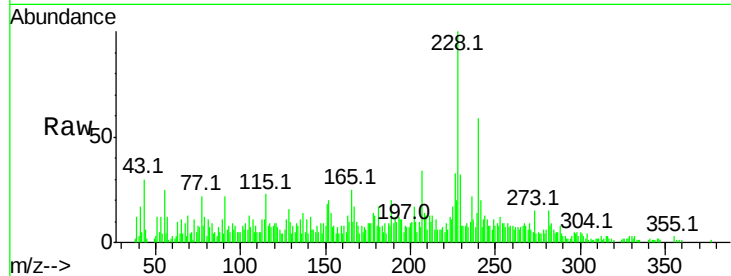
ClientSampleId :

E5LK1DL

Tot Ion:	228	Resp:	22703
Ion Ratio	Lower	Upper	
228	100		
229	32.4	16.6	24.8#
226	32.5	22.8	34.2

Manual Integrations
APPROVED

MMdadoda
10/20/2015 6:27:26 PM



#85

Chrysene

Concen: 3.84 ng/ul m

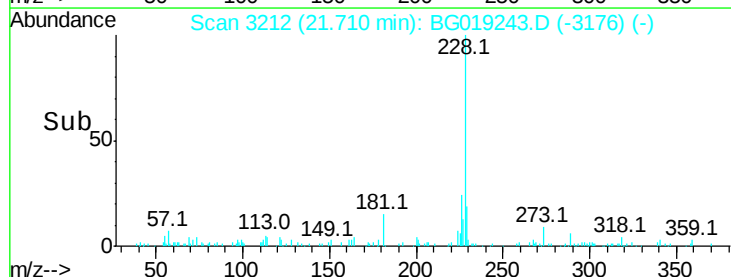
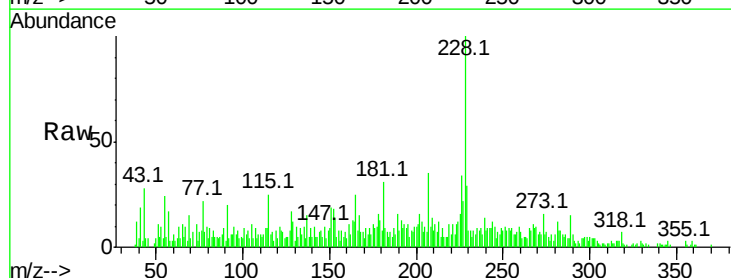
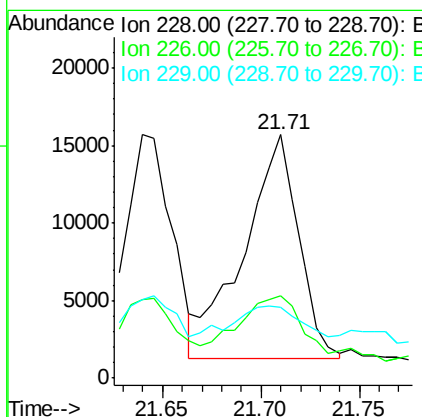
RT: 21.71 min Scan# 3212

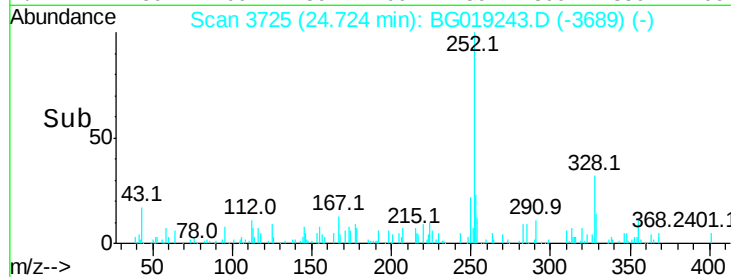
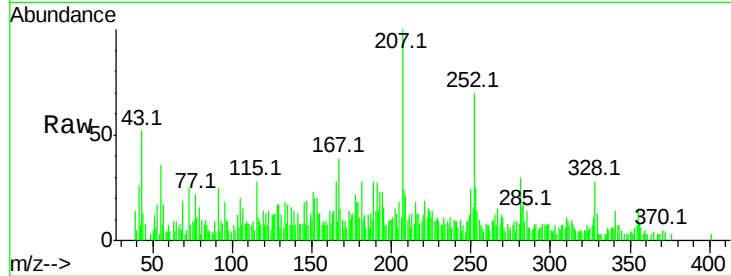
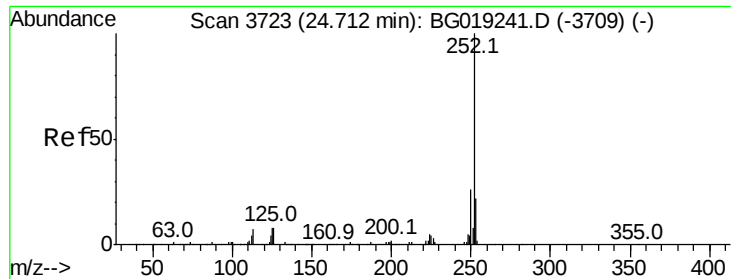
Delta R.T. 0.01 min

Lab File: BG019243.D

Acq: 19 Oct 2015 16:13

Tgt Ion:	228	Resp:	27682
Ion Ratio	Lower	Upper	
228	100		
226	33.6	24.2	36.2
229	29.3	15.6	23.4#





#91

Benzo(a)pyrene

Concen: 1.22 ng/ul m

RT: 24.72 min Scan# 3725

Delta R.T. 0.01 min

Lab File: BG019243.D

Acq: 19 Oct 2015 16:13

Tot Ion:	252	Resp:	8760
Ion Ratio	Lower	Upper	
252	100		
253	36.1	18.1	27.1#
125	16.9	9.4	14.2#

Instrument :

BNA_G

ClientSampleId :

E5LK1DL

Manual Integrations
APPROVED

MMdadoda
10/20/2015 6:27:26 PM

