

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
 Data File : BG019242.D
 Acq On : 19 Oct 2015 15:32
 Operator : UM/NP
 Sample : G3996-15DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK2DL

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:23 PM

Quant Time: Oct 20 10:26:56 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	8.00	152	17600	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	79452	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	52462	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	114956	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	132116	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	130792	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.19	99	2515	1.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	1772	1.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	2202	1.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	2049	1.57	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	1025	1.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	1319	2.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	2529	1.97	ng/ul	0.01
29) 4-Chloroaniline-d4	10.96	131	3162m	1.91	ng/ul	0.01
44) Dimethylphthalate-d6	14.05	166	10170	2.22	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	11423	2.30	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.64	176	25612	6.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	2173	3.06	ng/ul	0.02
71) Anthracene-d10	17.49	188	13666	2.52	ng/ul	0.00
79) Pyrene-d10	19.77	212	10474	1.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	13447	2.04	ng/ul	0.00

Target Compounds

						Ovalue
24) 2,4-Dimethylphenol	10.02	107	21096m	12.61	ng/ul	
28) Naphthalene	10.86	128	12789	3.08	ng/ul	97
34) 2-Methylnaphthalene	12.47	142	15554	4.72	ng/ul	94
35) 1-Methylnaphthalene	12.69	142	16182	5.02	ng/ul#	94
41) 1,1'-Biphenyl	13.47	154	9162	2.24	ng/ul	94
50) Acenaphthene	14.70	153	7901	2.16	ng/ul	92
54) Dibenzofuran	15.04	168	49630	9.59	ng/ul#	85
59) Fluorene	15.69	166	36356	8.21	ng/ul#	87
70) Phenanthrene	17.43	178	191676	29.86	ng/ul	98
72) Anthracene	17.52	178	37981m	5.82	ng/ul	
77) Fluoranthene	19.44	202	80306	9.99	ng/ul#	92
80) Pyrene	19.80	202	91505	11.67	ng/ul#	91
83) Benzo(a)anthracene	21.64	228	22469	3.01	ng/ul#	73
85) Chrysene	21.70	228	24082	3.41	ng/ul#	77
91) Benzo(a)pyrene	24.72	252	8579	1.20	ng/ul#	89

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

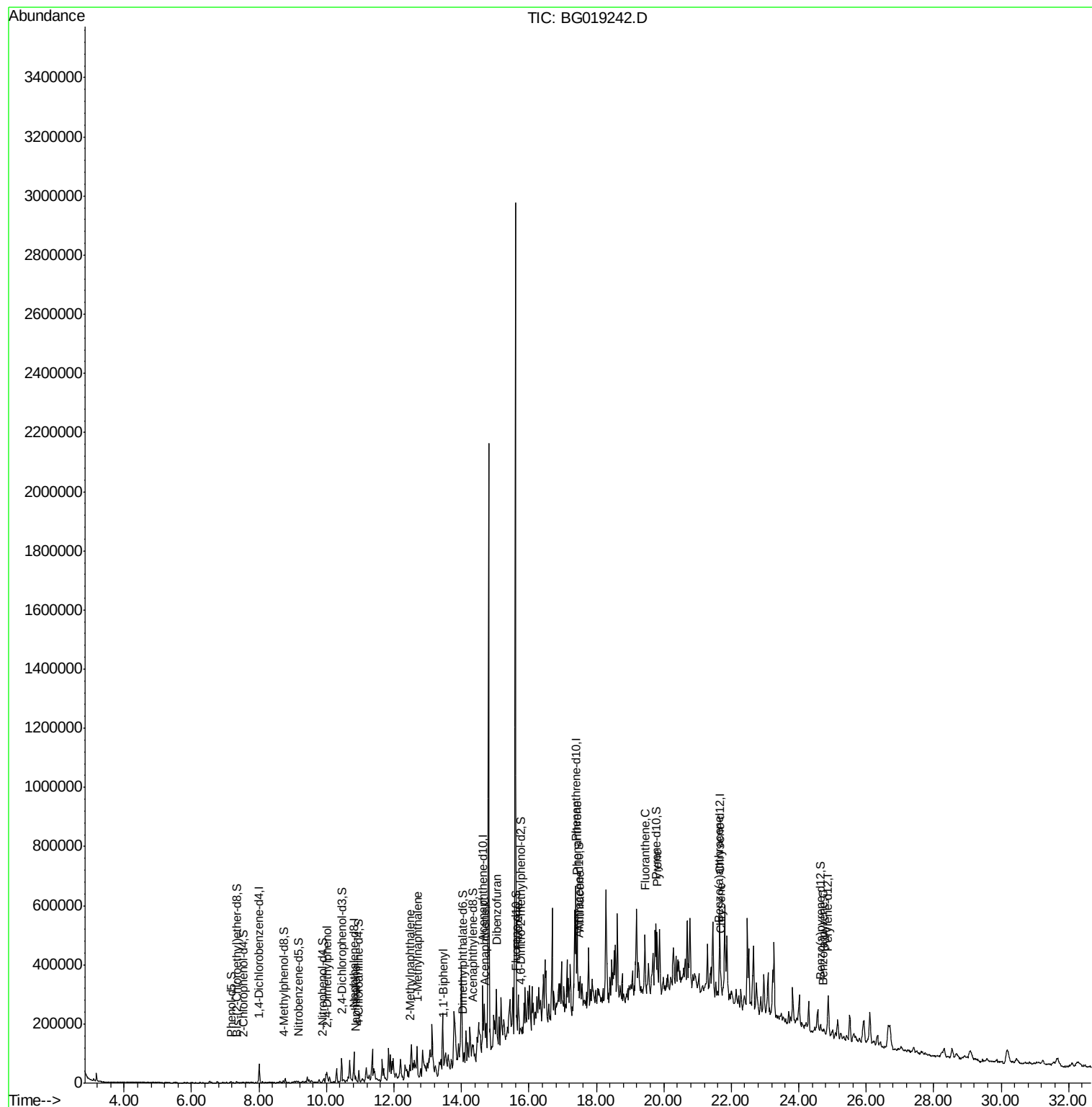
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

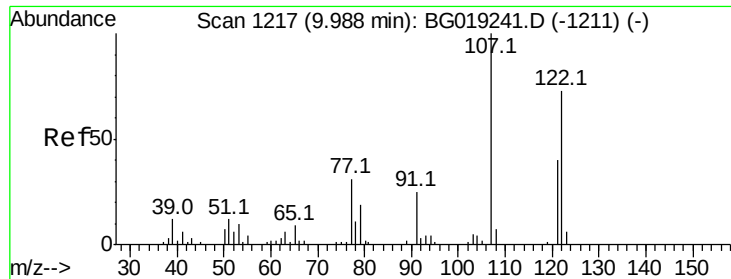
Instrument :
BNA_G
ClientSampleId :
E5LK2DL

Manual Integrations
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10/20/2015 6:27:23 PM

Quant Time: Oct 20 10:26:56 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





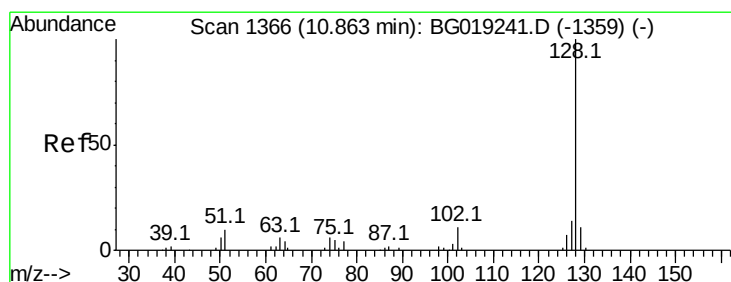
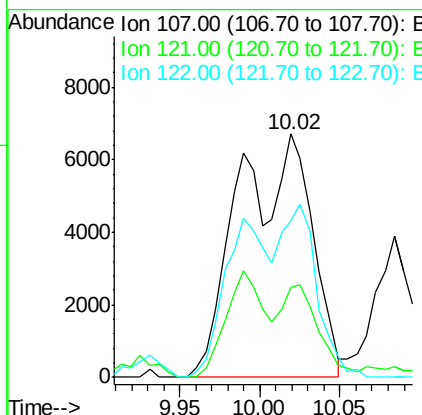
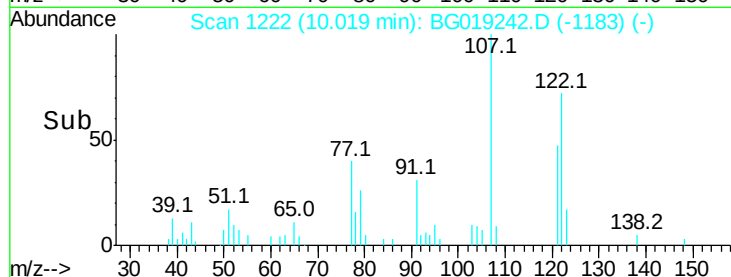
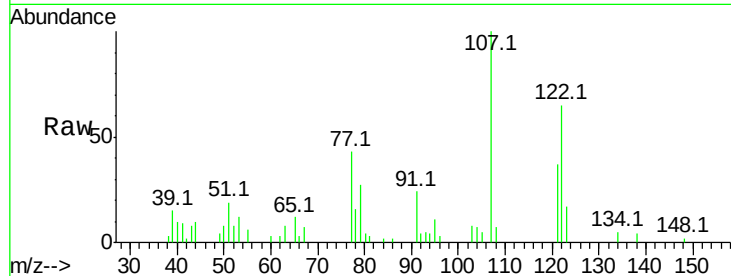
#24
2,4-Dimethylphenol
Concen: 12.61 ng/ul m
RT: 10.02 min Scan# 1222
Delta R.T. 0.03 min
Lab File: BG019242.D
Acq: 19 Oct 2015 15:32

Instrument :
BNA_G
ClientSampled :
E5LK2DL

Tot Ion	Ratio	Lower	Upper
107	100		
121	36.9	37.2	55.8#
122	64.6	67.6	101.4#

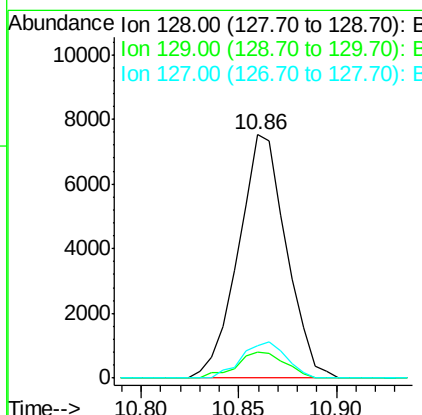
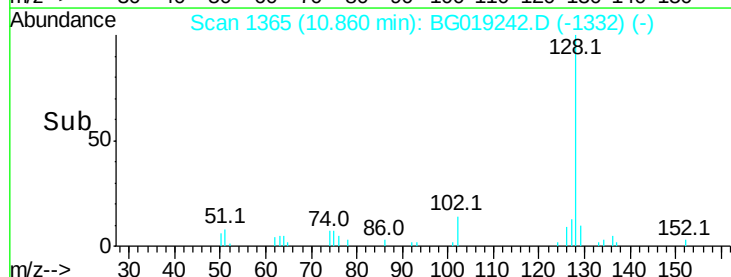
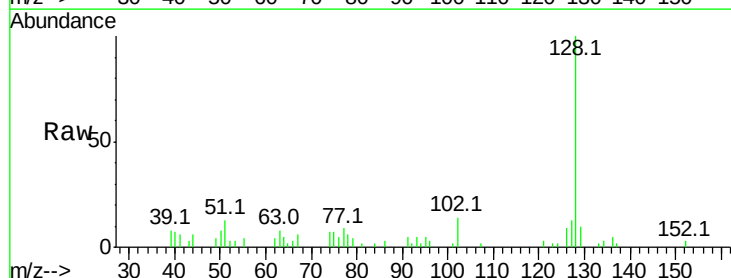
Manual Integrations
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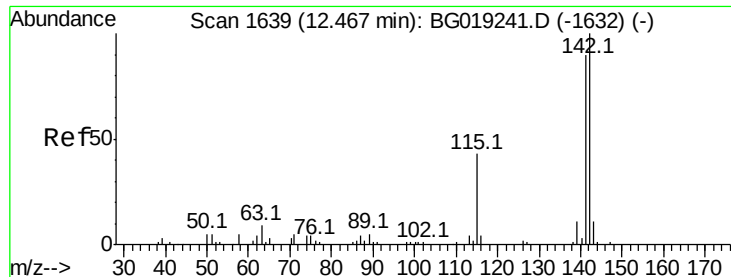
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#28
Naphthalene
Concen: 3.08 ng/ul
RT: 10.86 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG019242.D
Acq: 19 Oct 2015 15:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.6	14.4
127	13.3	11.3	16.9





#34

2-Methylnaphthalene

Concen: 4.72 ng/ul

RT: 12.47 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BG019242.D

Acq: 19 Oct 2015 15:32

Instrument :

BNA_G

ClientSampleId :

E5LK2DL

Tot Ion:142 Resp: 15554

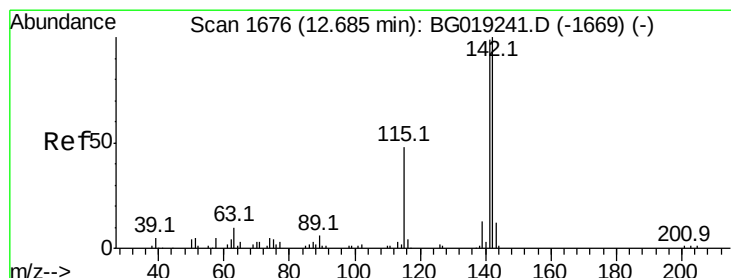
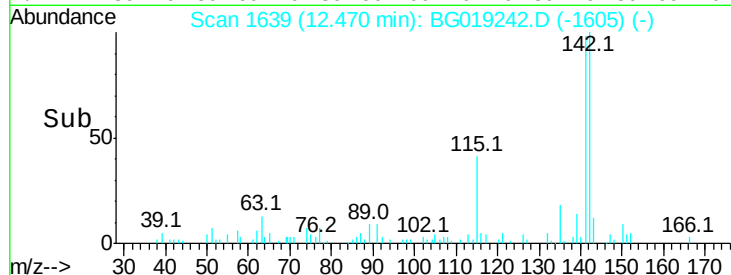
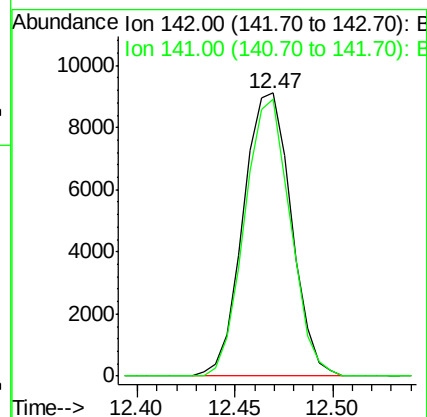
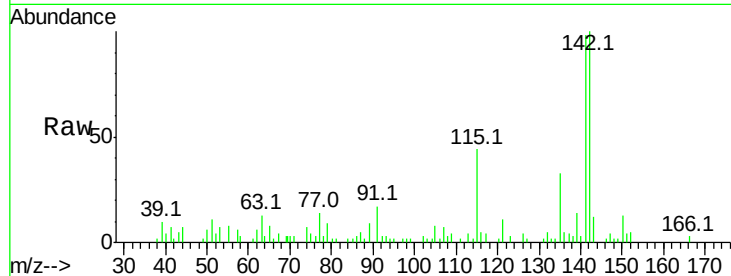
Ion Ratio Lower Upper

142 100

141 97.8 73.4 110.0

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#35

1-Methylnaphthalene

Concen: 5.02 ng/ul

RT: 12.69 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG019242.D

Acq: 19 Oct 2015 15:32

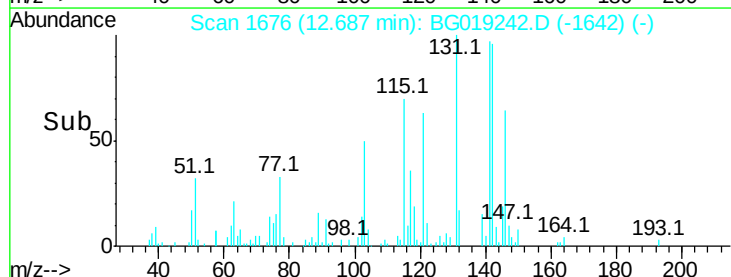
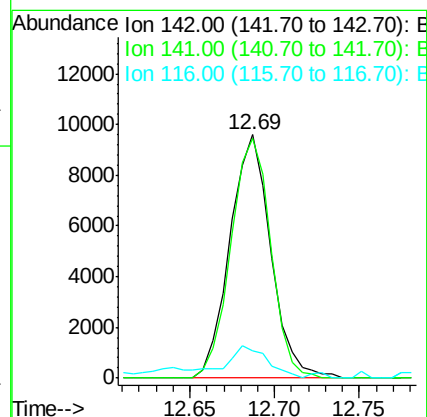
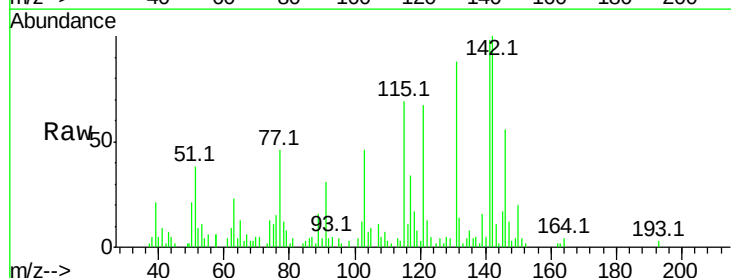
Tgt Ion:142 Resp: 16182

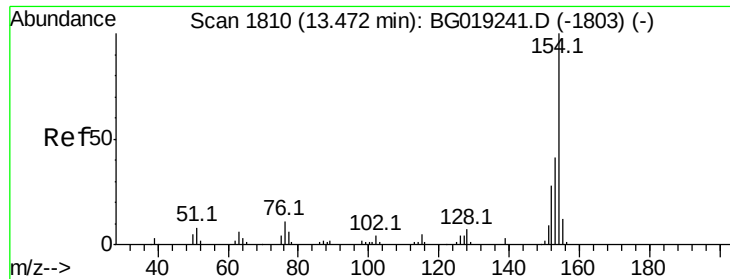
Ion Ratio Lower Upper

142 100

141 98.5 74.8 112.2

116 11.3 3.2 4.8#





#41

1,1'-Biphenyl

Concen: 2.24 ng/ul

RT: 13.47 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BG019242.D

Acq: 19 Oct 2015 15:32

Instrument :

BNA_G

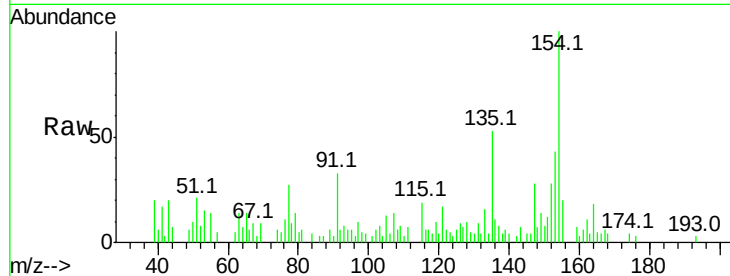
ClientSampleId :

E5LK2DL

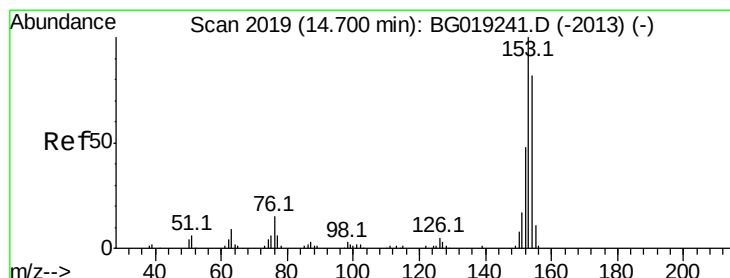
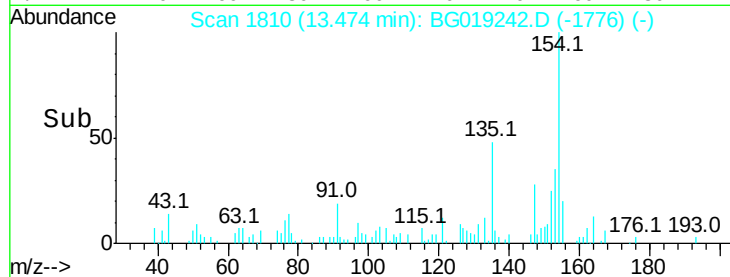
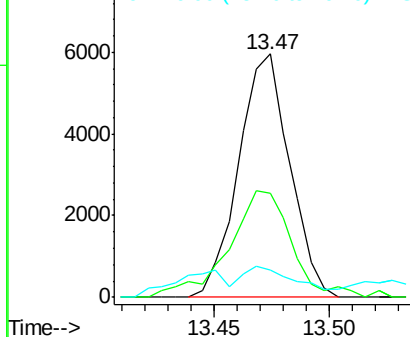
Tot Ion:	154	Resp:	9162
Ion Ratio	Lower	Upper	
154	100		
153	42.8	31.4	47.0
76	11.0	10.8	16.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#50

Acenaphthene

Concen: 2.16 ng/ul

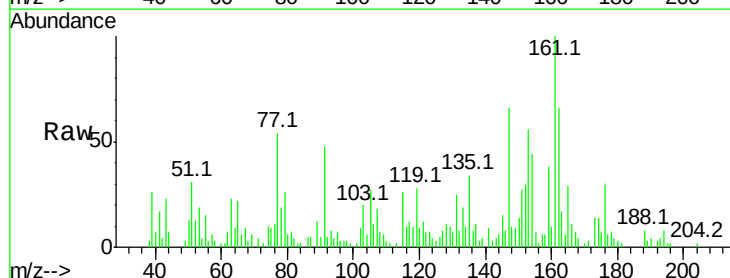
RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

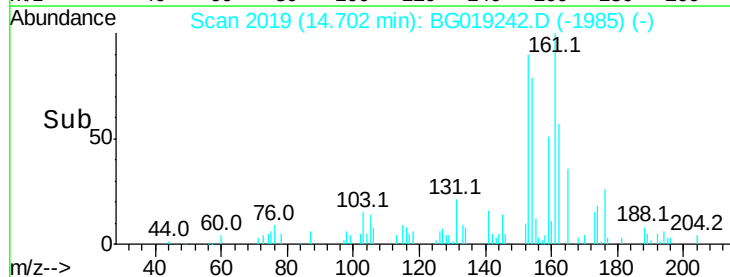
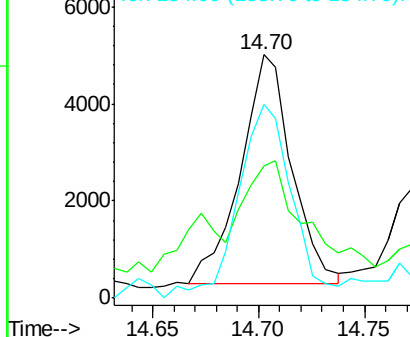
Lab File: BG019242.D

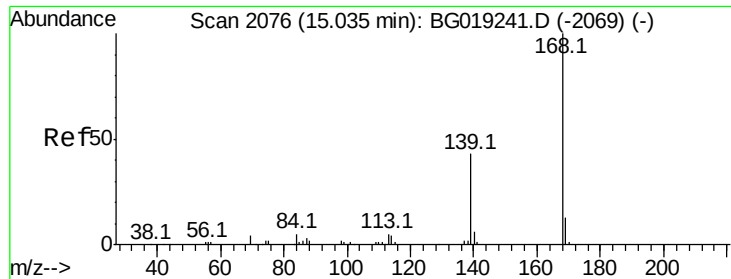
Acq: 19 Oct 2015 15:32

Tgt Ion:	153	Resp:	7901
Ion Ratio	Lower	Upper	
153	100		
152	54.1	36.2	54.2
154	79.5	67.5	101.3



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: 9.59 ng/ul

RT: 15.04 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BG019242.D

Acq: 19 Oct 2015 15:32

Instrument :

BNA_G

ClientSampleId :

E5LK2DL

Tot Ion:168 Resp: 49630

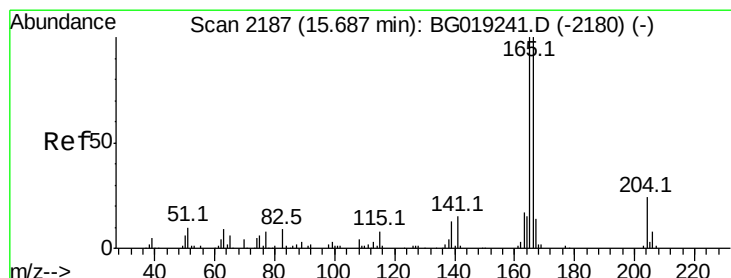
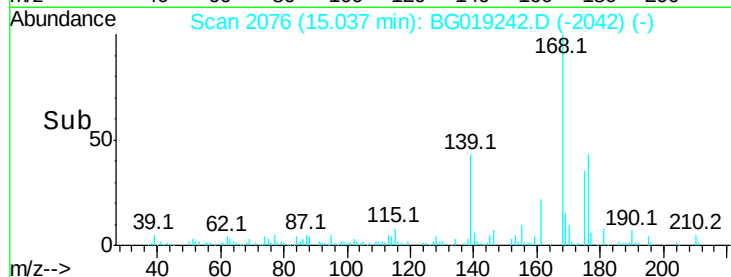
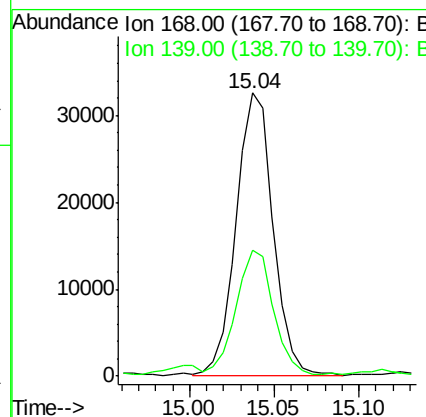
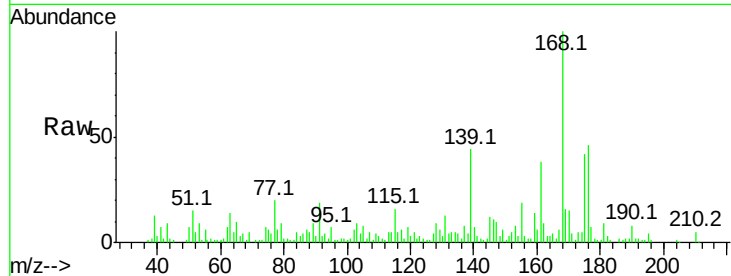
Ion Ratio Lower Upper

168 100

139 44.3 28.5 42.7#

Manual Integrations
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#59

Fluorene

Concen: 8.21 ng/ul

RT: 15.69 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BG019242.D

Acq: 19 Oct 2015 15:32

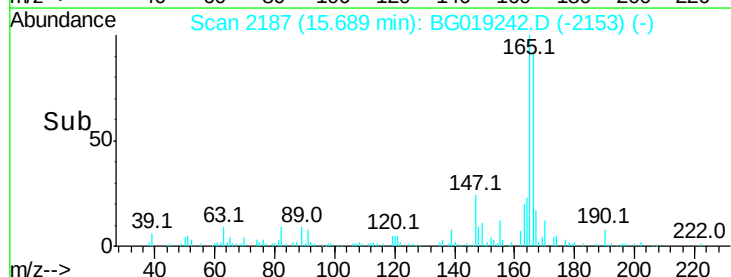
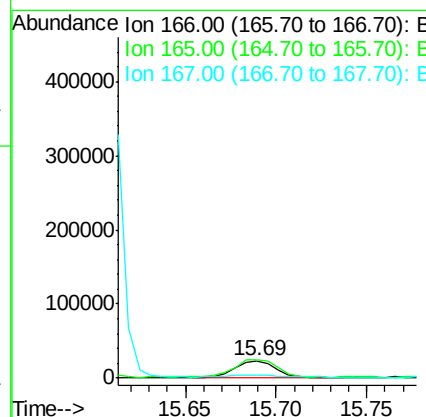
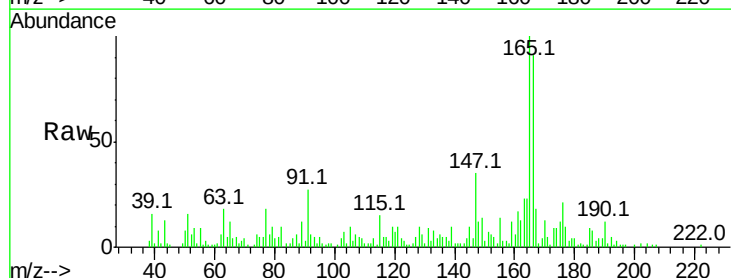
Tgt Ion:166 Resp: 36356

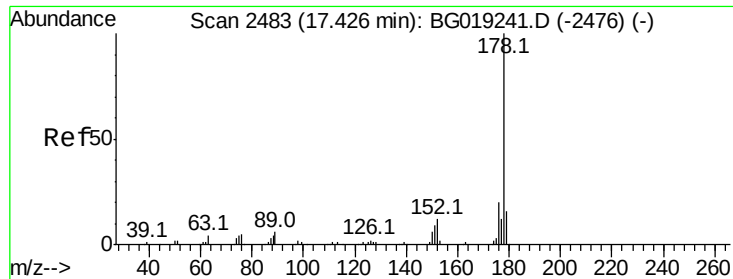
Ion Ratio Lower Upper

166 100

165 109.9 77.7 116.5

167 19.5 10.4 15.6#





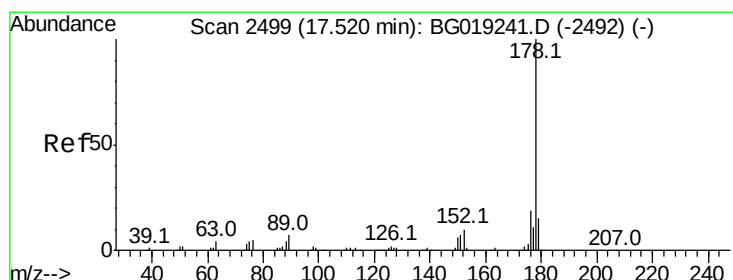
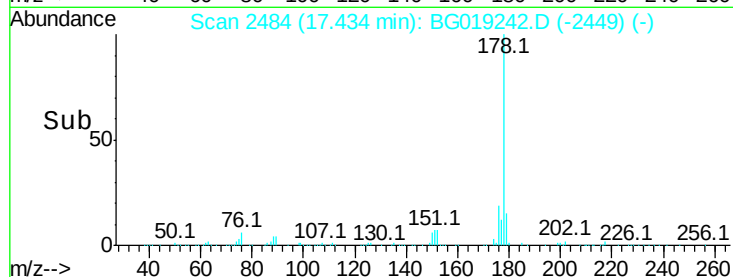
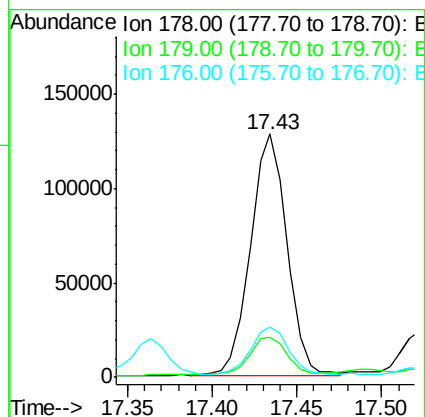
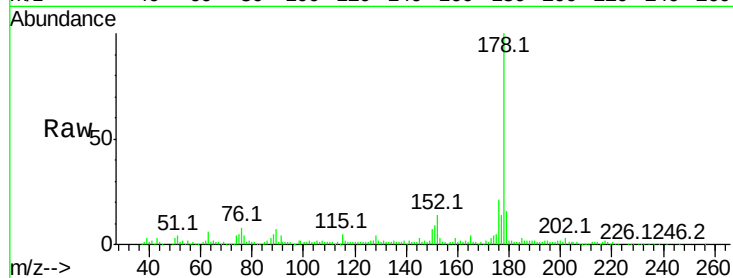
#70
Phenanthrene
Concen: 29.86 ng/ul
RT: 17.43 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BG019242.D
Acq: 19 Oct 2015 15:32

Instrument :
BNA_G
ClientSampleId :
E5LK2DL

Tot Ion	Ratio	Resp	Lower	Upper
178	100	191676		
179	16.3	12.5	18.7	
176	20.5	15.4	23.0	

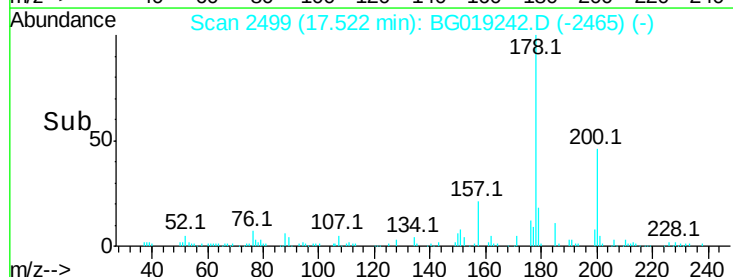
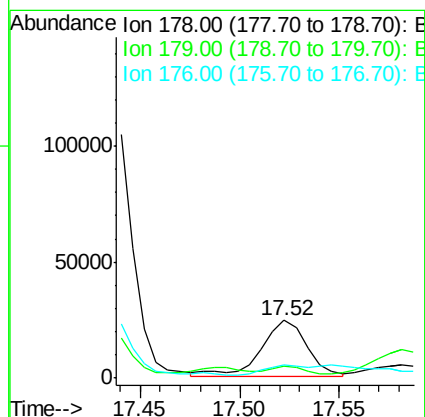
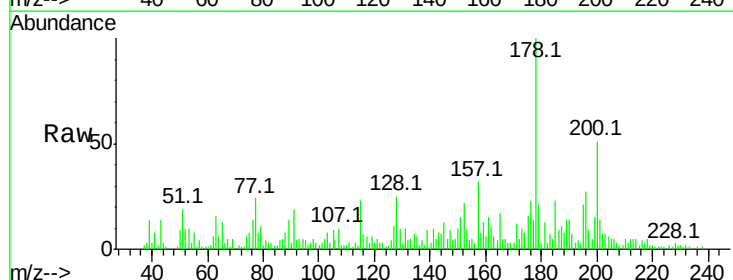
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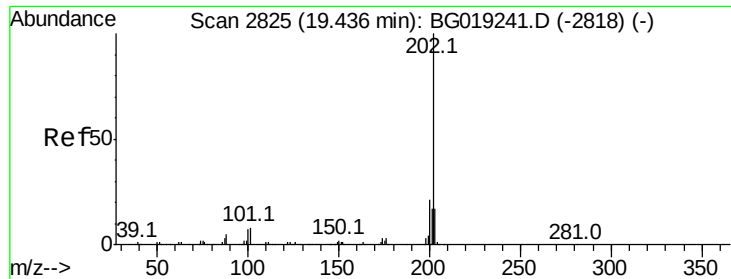
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#72
Anthracene
Concen: 5.82 ng/ul m
RT: 17.52 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BG019242.D
Acq: 19 Oct 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	37981		
179	20.8	12.2	18.4#	
176	22.7	15.0	22.6#	





#77

Fluoranthene

Concen: 9.99 ng/ul

RT: 19.44 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BG019242.D

Acq: 19 Oct 2015 15:32

Instrument :

BNA_G

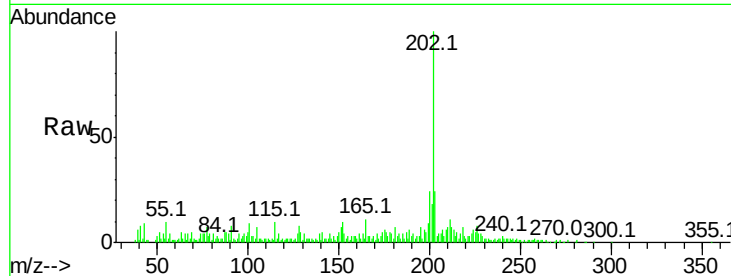
ClientSampleId :

E5LK2DL

Tot Ion:	202	Resp:	80306
Ion Ratio	Lower	Upper	
202	100		
101	8.9	9.0	13.4#
100	5.2	6.9	10.3#

Manual Integrations
APPROVED

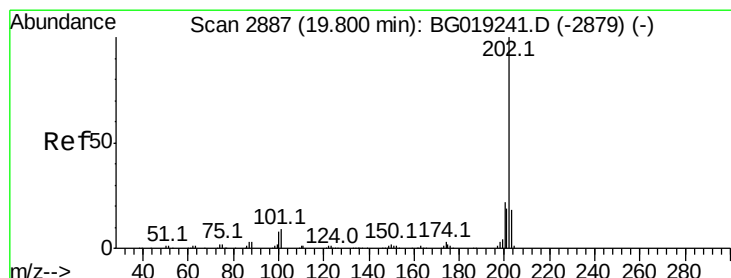
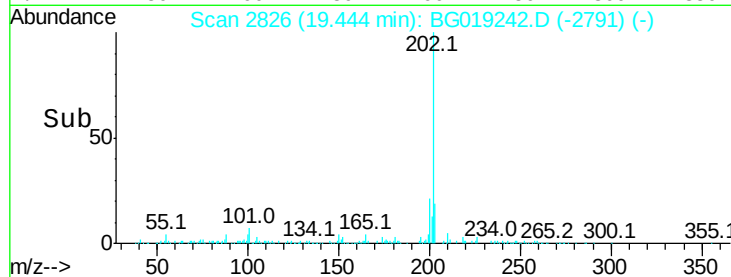
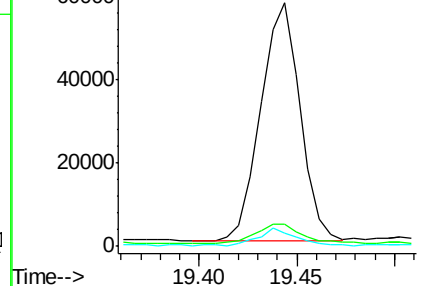
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 11.67 ng/ul

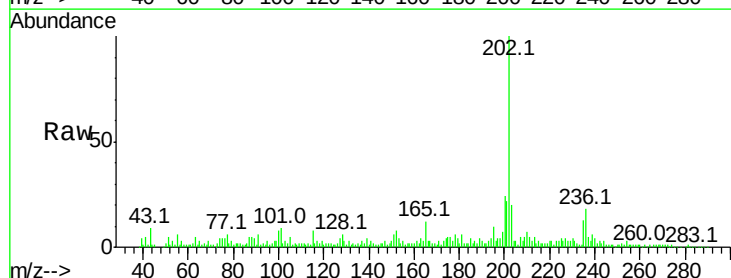
RT: 19.80 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG019242.D

Acq: 19 Oct 2015 15:32

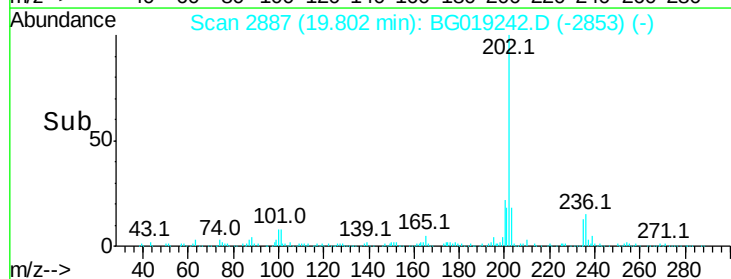
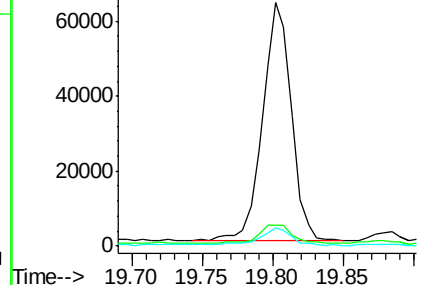
Tgt Ion:	202	Resp:	91505
Ion Ratio	Lower	Upper	
202	100		
101	8.7	10.2	15.2#
100	7.8	8.5	12.7#

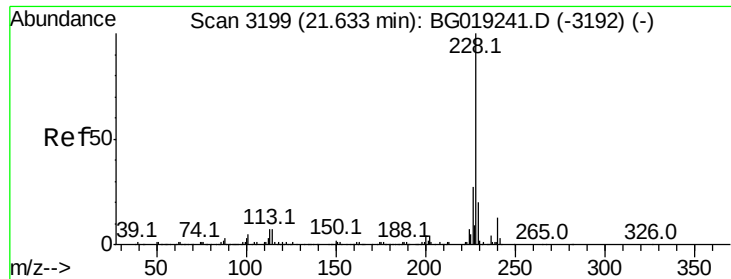


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





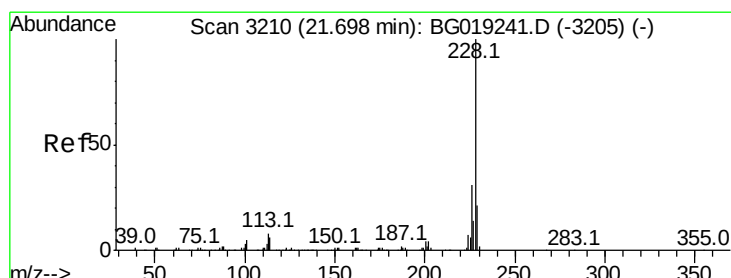
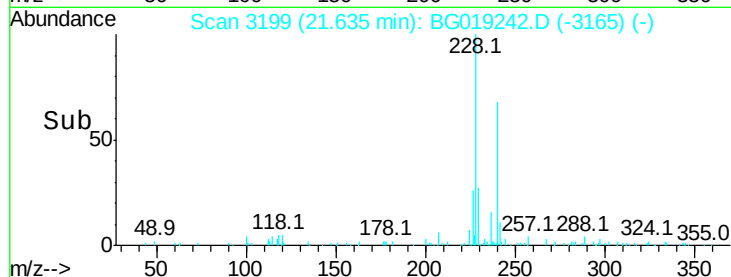
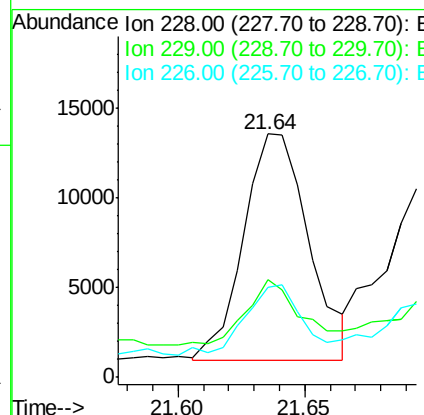
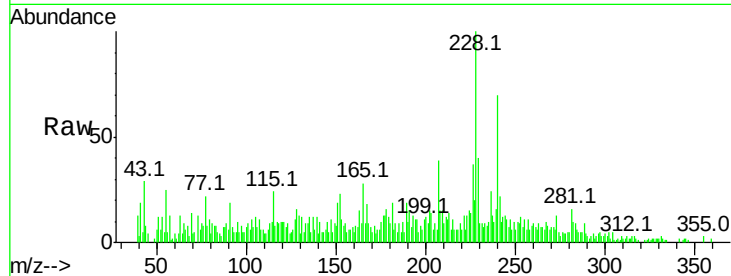
#83
Benzo(a)anthracene
Concen: 3.01 ng/ul
RT: 21.64 min Scan# 3199
Delta R.T. 0.00 min
Lab File: BG019242.D
Acq: 19 Oct 2015 15:32

Instrument :
BNA_G
ClientSampleId :
E5LK2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	40.0	16.6	24.8#
226	37.1	22.8	34.2#

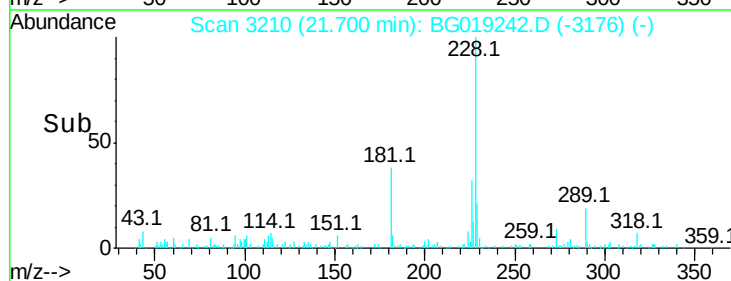
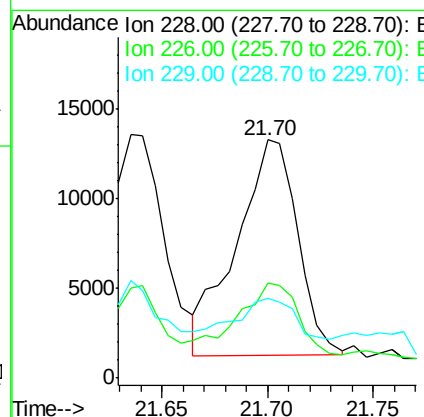
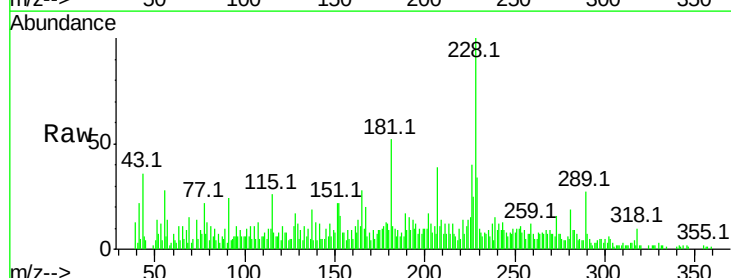
Manual Integrations
APPROVED

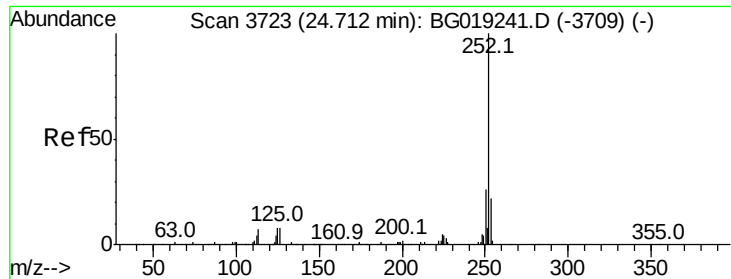
MMdadoda
10/20/2015 6:27:23 PM



#85
Chrysene
Concen: 3.41 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BG019242.D
Acq: 19 Oct 2015 15:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.0	24.2	36.2#
229	33.5	15.6	23.4#





#91
 Benzo(a)pyrene
 Concen: 1.20 ng/ul
 RT: 24.72 min Scan# 3724
 Delta R.T. 0.01 min
 Lab File: BG019242.D
 Acq: 19 Oct 2015 15:32

Instrument :
 BNA_G
 ClientSampleId :
 E5LK2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.7	18.1	27.1#
125	11.9	9.4	14.2

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:23 PM

