

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030803.D
 Acq On : 7 Nov 2017 8:40
 Operator : SJ/JU
 Sample : I6188-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EP1

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:38:12 PM

Quant Time: Nov 07 12:58:55 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 08:10:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73485	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	290029	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.81	164	245289	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.56	188	343725	20.00	ng/ul	0.06
75) Chrysene-d12	21.80	240	464305	20.00	ng/ul	0.02
83) Perylene-d12	25.14	264	467821m	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	7369	4.08	ng/uL	0.00
5) Phenol-d5	7.32	99	150817	21.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	109859	24.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	131177	26.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	120987	21.24	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	76319	36.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	69465	32.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	128707	26.48	ng/ul	0.01
29) 4-Chloroaniline-d4	11.10	131	953766	168.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	351478	16.76	ng/ul	0.03
46) Acenaphthylene-d8	14.51	160	465347	18.25	ng/ul	0.04
51) 4-Nitrophenol-d4	15.02	143	92941	24.01	ng/ul	0.06
57) Fluorene-d10	15.81	176	351185	20.45	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	15.91	200	32671	19.47	ng/ul	0.04
70) Anthracene-d10	17.66	188	467516	28.76	ng/ul	0.05
76) Pyrene-d10	19.91	212	607440	25.27	ng/ul	0.03
87) Benzo(a)pyrene-d12	24.90	264	578419m	26.11	ng/ul	0.05
Target Compounds						
6) Phenol	7.34	94	40610	5.565	ng/ul	90
28) Naphthalene	11.04	128	1690204	110.137	ng/ul#	90
34) 2-Methylnaphthalene	12.66	142	6533738	514.321	ng/ul	95
40) 1,1'-Biphenyl	13.63	154	646390	31.963	ng/ul	98
49) Acenaphthene	14.89	153	872634	49.028	ng/ul#	80
58) Fluorene	15.87	166	1200318	61.834	ng/ul#	84
69) Phenanthrene	17.61	178	3511862	188.999	ng/ul#	80
71) Anthracene	17.70	178	155151	8.093	ng/ul#	47
74) Fluoranthene	19.59	202	352415m	16.970	ng/ul	
77) Pyrene	19.94	202	753293	24.208	ng/ul#	91

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

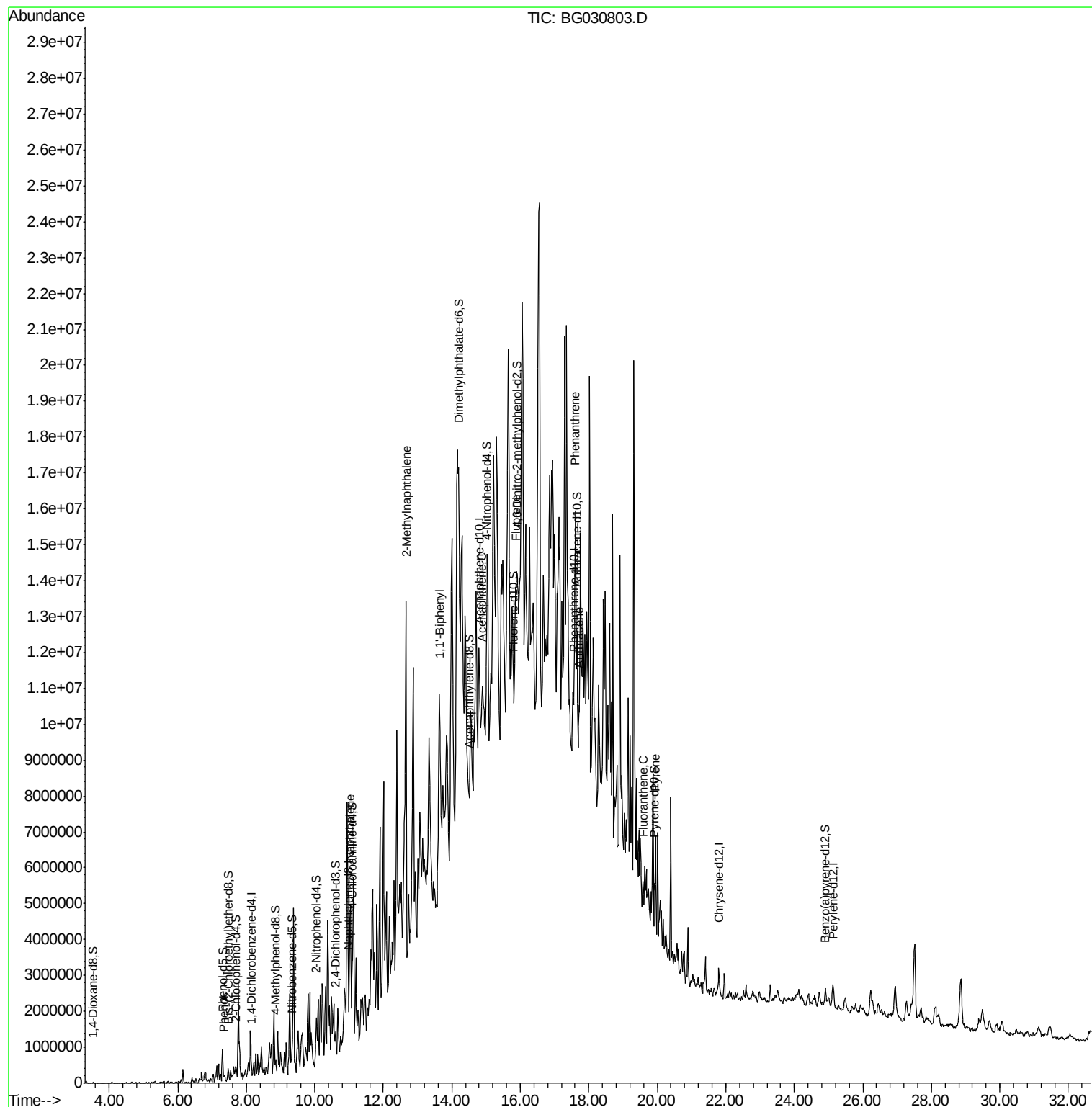
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030803.D
Acq On : 7 Nov 2017 8:40
Operator : SJ/JU
Sample : I6188-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

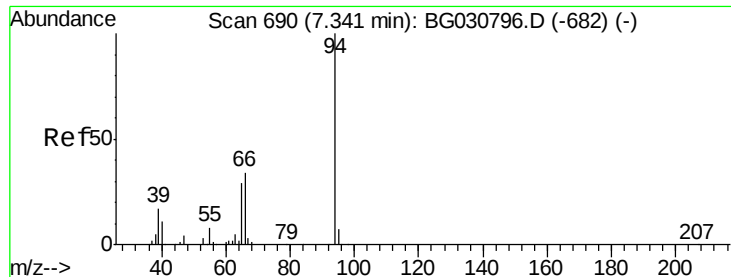
Instrument :
BNA_G
ClientSampleId :
B0EP1

Quant Time: Nov 07 12:58:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 08:10:07 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/7/2017 5:38:12 PM





#6

Phenol

Concen: 5.565 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030803.D

Acq: 7 Nov 2017 8:40

Instrument :

BNA_G

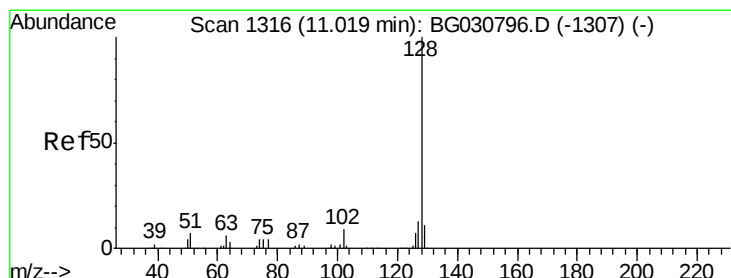
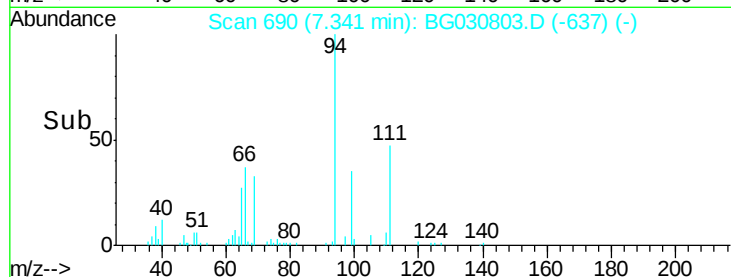
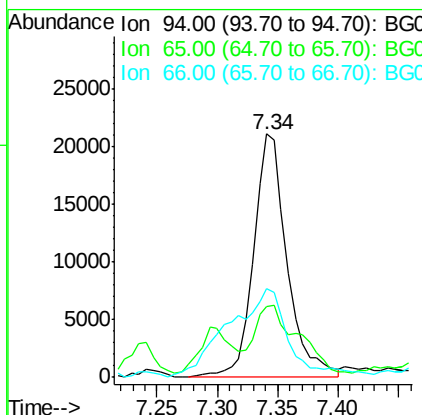
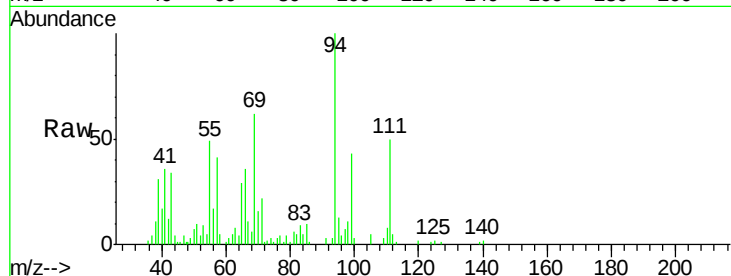
ClientSampled :

B0EP1

Tgt Ion:	94	Resp:	40610
Ion Ratio	Lower	Upper	
94	100		
65	29.0	27.1	40.7
66	36.2	34.6	52.0

Manual Integrations
APPROVED

Sohil
11/7/2017 5:38:12 PM



#28

Naphthalene

Concen: 110.137 ng/ul

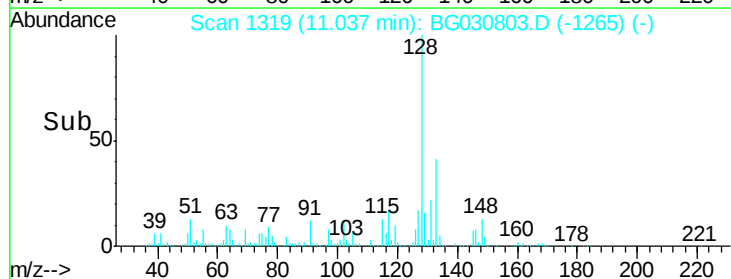
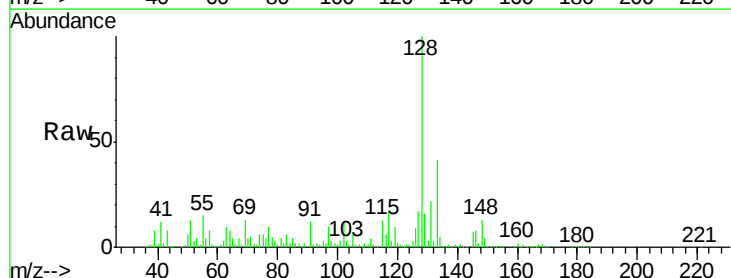
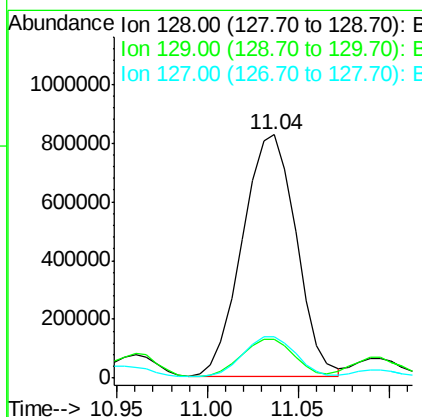
RT: 11.04 min Scan# 1319

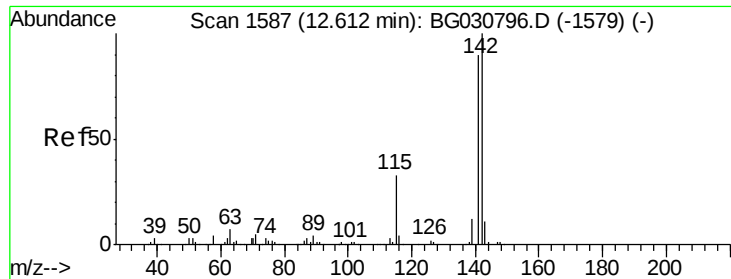
Delta R.T. 0.01 min

Lab File: BG030803.D

Acq: 7 Nov 2017 8:40

Tgt Ion:	128	Resp:	1690204
Ion Ratio	Lower	Upper	
128	100		
129	15.9	9.3	13.9#
127	16.9	10.7	16.1#





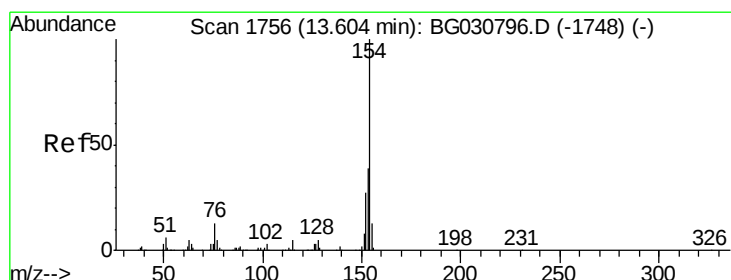
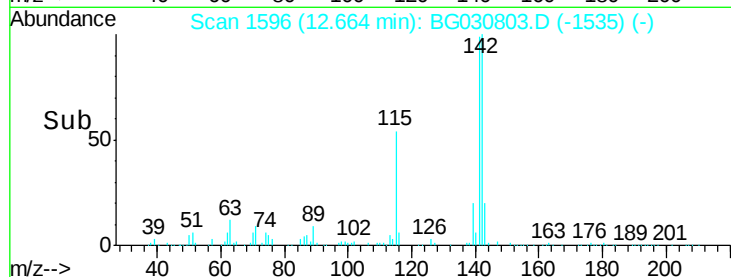
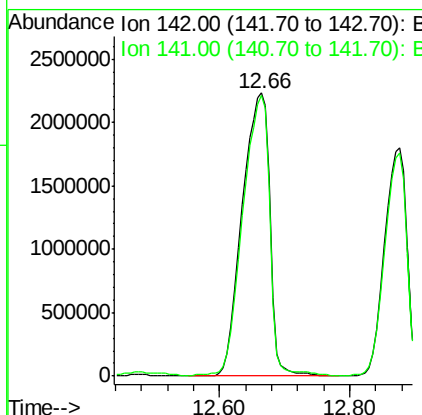
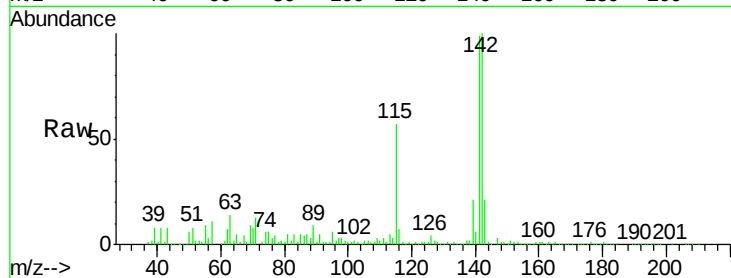
#34
 2-Methylnaphthalene
 Concen: 514.321 ng/ul
 RT: 12.66 min Scan# 1596
 Delta R.T. 0.06 min
 Lab File: BG030803.D
 Acq: 7 Nov 2017 8:40

Instrument :
 BNA_G
 ClientSampled :
 B0EP1

Tgt Ion:142 Resp: 6533738
 Ion Ratio Lower Upper
 142 100
 141 99.3 75.4 113.0

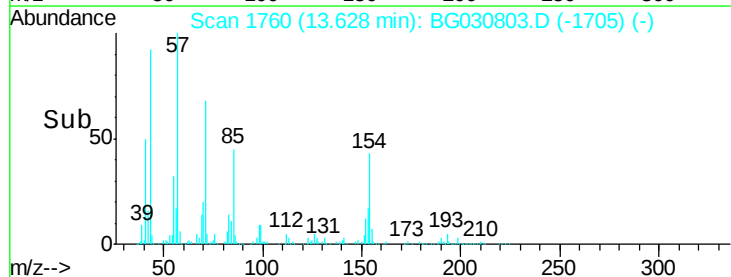
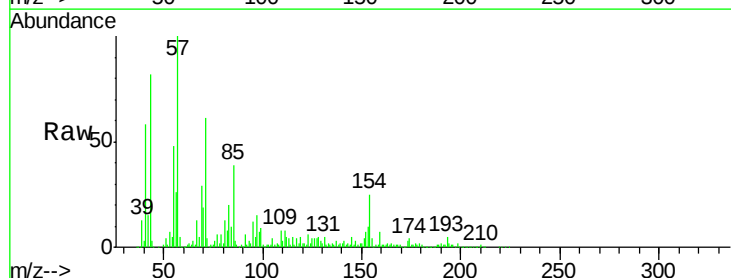
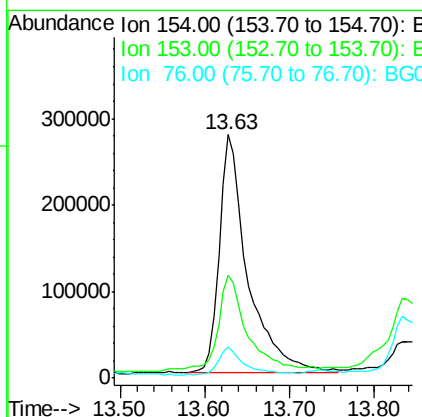
Manual Integrations
 APPROVED

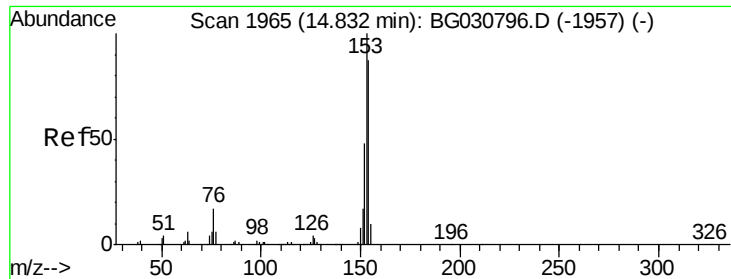
Sohil
 11/7/2017 5:38:12 PM



#40
 1,1'-Biphenyl
 Concen: 31.963 ng/ul
 RT: 13.63 min Scan# 1760
 Delta R.T. 0.02 min
 Lab File: BG030803.D
 Acq: 7 Nov 2017 8:40

Tgt Ion:154 Resp: 646390
 Ion Ratio Lower Upper
 154 100
 153 42.2 34.6 52.0
 76 12.6 10.6 15.8





#49

Acenaphthene

Concen: 49.028 ng/ul

RT: 14.89 min Scan# 1974

Delta R.T. 0.05 min

Lab File: BG030803.D

Acq: 7 Nov 2017 8:40

Instrument :

BNA_G

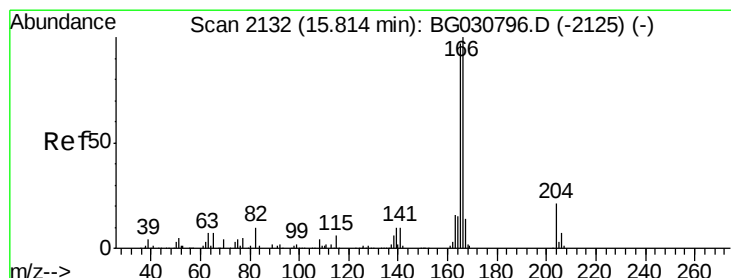
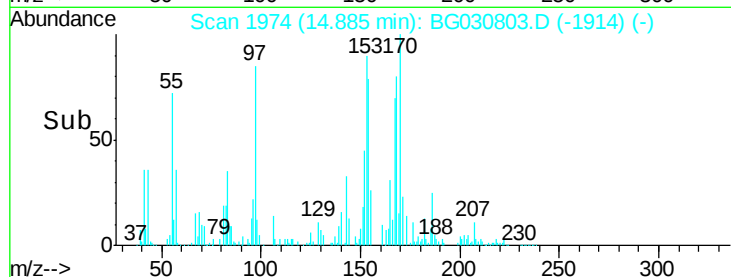
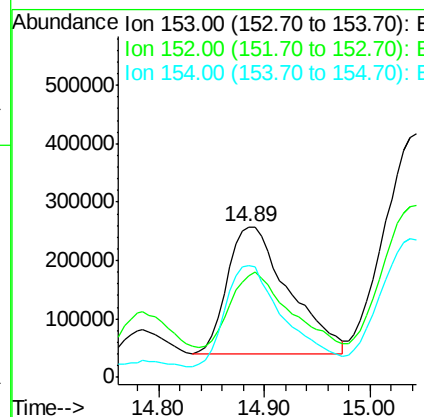
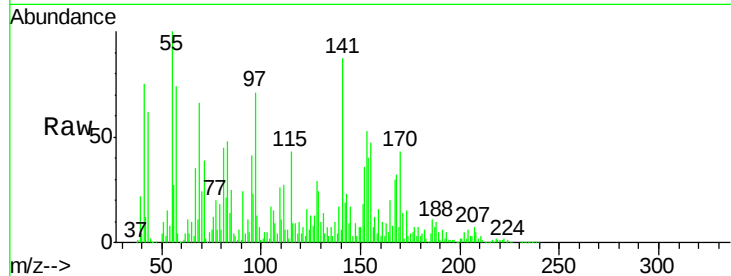
ClientSampled :

B0EP1

Tgt Ion:153 Resp: 872634
 Ion Ratio Lower Upper
 153 100
 152 67.8 38.2 57.2#
 154 74.0 70.6 105.8

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:38:12 PM



#58

Fluorene

Concen: 61.834 ng/ul

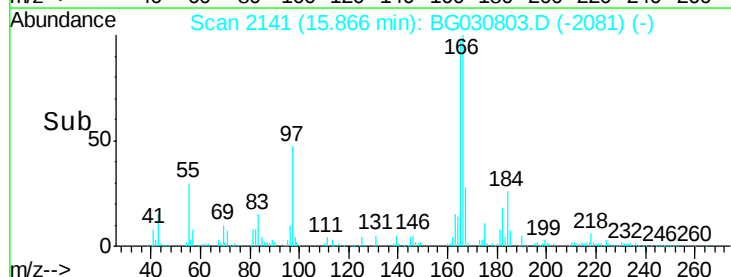
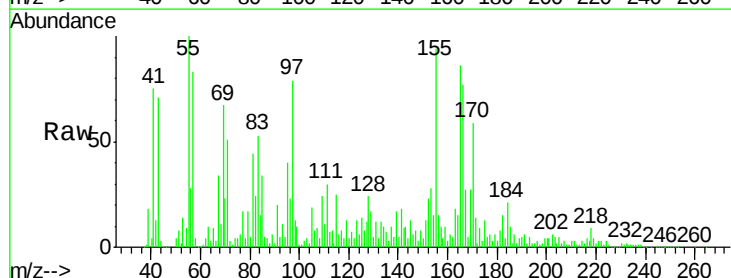
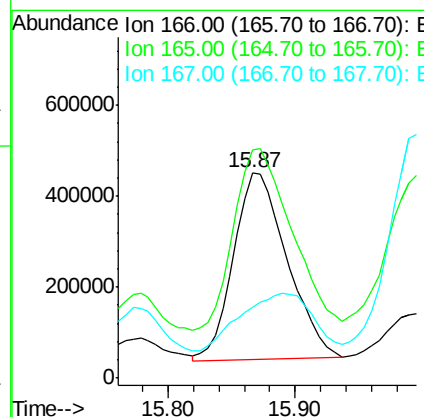
RT: 15.87 min Scan# 2141

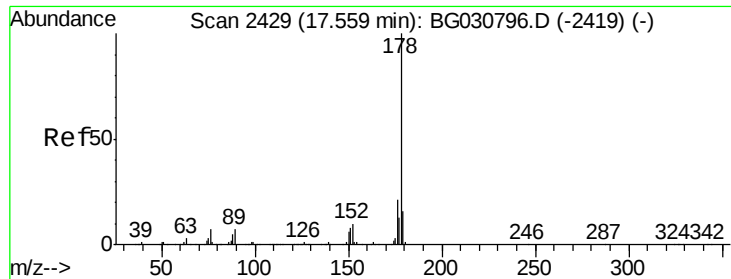
Delta R.T. 0.05 min

Lab File: BG030803.D

Acq: 7 Nov 2017 8:40

Tgt Ion:166 Resp: 1200318
 Ion Ratio Lower Upper
 166 100
 165 110.8 79.9 119.9
 167 34.8 10.6 16.0#





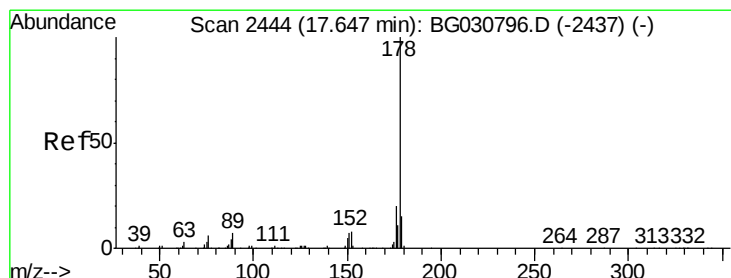
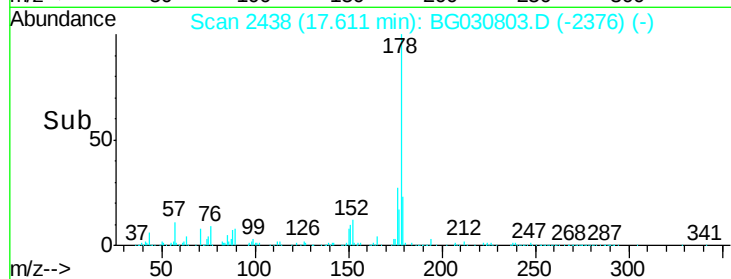
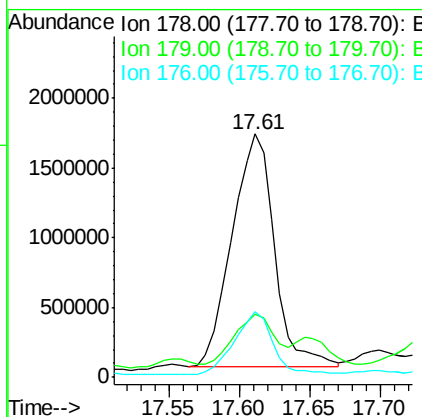
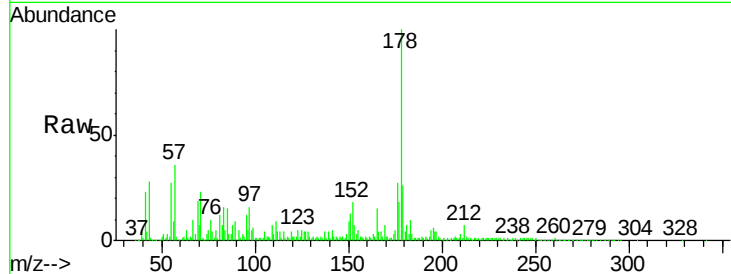
#69
 Phenanthrene
 Concen: 188.999 ng/ul
 RT: 17.61 min Scan# 2438
 Delta R.T. 0.06 min
 Lab File: BG030803.D
 Acq: 7 Nov 2017 8:40

Instrument :
 BNA_G
 ClientSampleId :
 B0EP1

Tgt Ion:178 Resp: 3511862
 Ion Ratio Lower Upper
 178 100
 179 26.1 13.0 19.6#
 176 27.2 15.3 22.9#

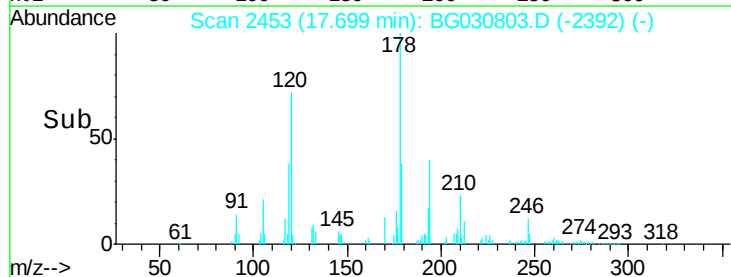
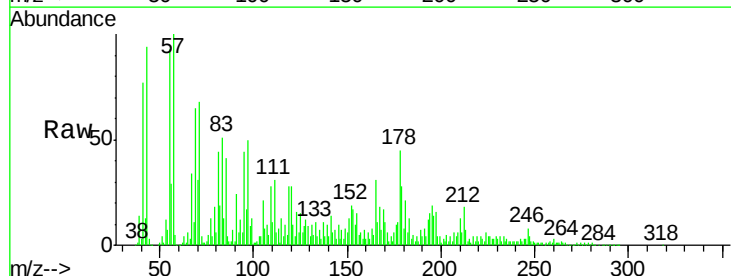
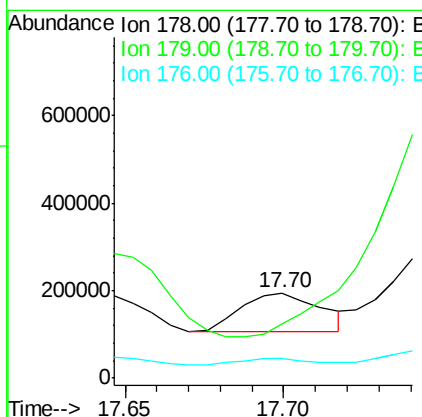
Manual Integrations
 APPROVED

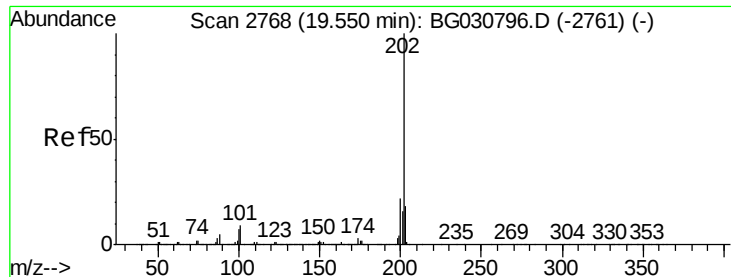
Sohil
 11/7/2017 5:38:12 PM



#71
 Anthracene
 Concen: 8.093 ng/ul
 RT: 17.70 min Scan# 2453
 Delta R.T. 0.06 min
 Lab File: BG030803.D
 Acq: 7 Nov 2017 8:40

Tgt Ion:178 Resp: 155151
 Ion Ratio Lower Upper
 178 100
 179 62.9 13.2 19.8#
 176 23.5 16.0 24.0





#74

Fluoranthene

Concen: 16.970 ng/ul m

RT: 19.59 min Scan# 2774

Delta R.T. 0.03 min

Lab File: BG030803.D

Acq: 7 Nov 2017 8:40

Instrument :

BNA_G

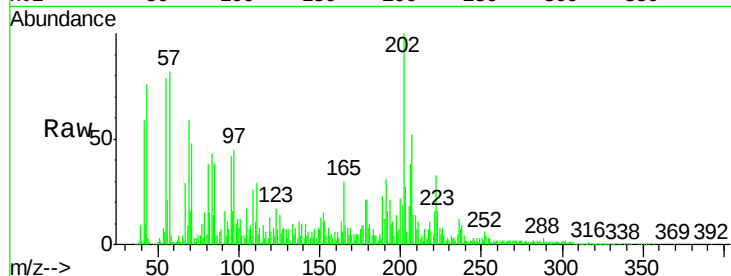
ClientSampleId :

B0EP1

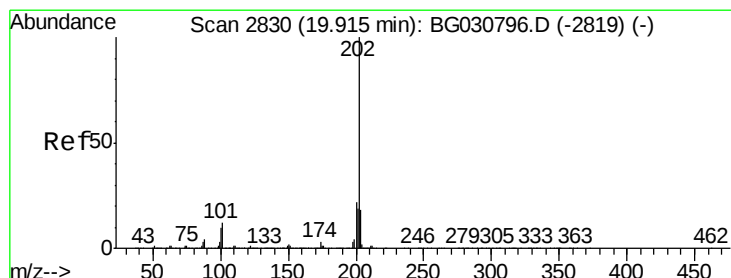
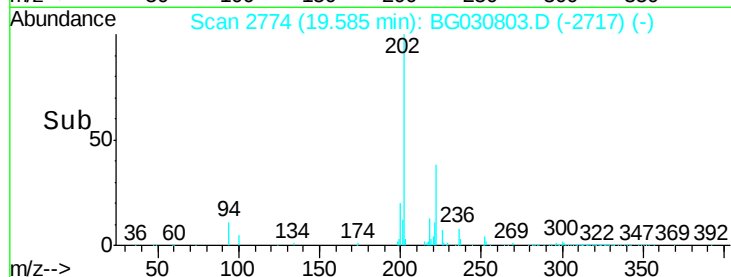
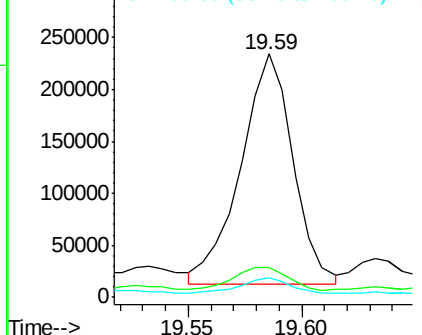
Tgt	Ion	202	Resp	352415
Ion	Ratio	Lower	Upper	
202	100			
101	12.1	7.4	11.2#	
100	8.2	5.6	8.4	

Manual Integrations
APPROVED

Sohil
11/7/2017 5:38:12 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



#77

Pyrene

Concen: 24.208 ng/ul

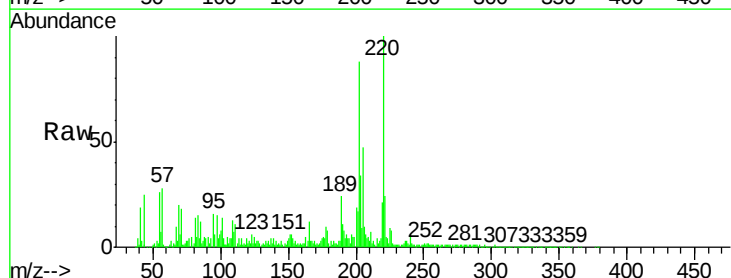
RT: 19.94 min Scan# 2835

Delta R.T. 0.03 min

Lab File: BG030803.D

Acq: 7 Nov 2017 8:40

Tgt	Ion	202	Resp	753293
Ion	Ratio	Lower	Upper	
202	100			
101	16.4	8.4	12.6#	
100	8.5	7.0	10.6	



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

