

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030770.D
 Acq On : 6 Nov 2017 12:03
 Operator : SJ/JU
 Sample : I6126-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EC8

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:37:46 PM

Quant Time: Nov 07 04:35:03 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 04:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	338144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	233685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	565430	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	580938	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	604402	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	8528	4.79	ng/uL	0.00
5) Phenol-d5	7.32	99	176097	25.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	105832	24.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	145361	29.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	134329	23.95	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	73981	30.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	87917	35.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	163401	28.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	178918	27.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	570045	28.53	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	713531	29.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	89043	24.14	ng/ul	0.00
57) Fluorene-d10	15.76	176	539603	32.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	29947	10.85	ng/ul	0.00
70) Anthracene-d10	17.61	188	840690	31.44	ng/ul	0.00
76) Pyrene-d10	19.89	212	948168	31.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	946620	33.07	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.35	94	18541	2.580 ng/ul	93
44) Dimethylphthalate	14.21	163	141259	7.249 ng/ul	99
69) Phenanthrene	17.56	178	167256	5.472 ng/ul	98
74) Fluoranthene	19.55	202	253751	7.428 ng/ul	99
77) Pyrene	19.91	202	265527	6.820 ng/ul	98
80) Benzo(a)anthracene	21.76	228	134101	3.683 ng/ul	99
82) Chrysene	21.83	228	143219m	4.329 ng/ul	
85) Benzo(b)fluoranthene	24.04	252	156804	4.322 ng/ul	97
86) Benzo(k)fluoranthene	24.11	252	50245m	1.432 ng/ul	
88) Benzo(a)pyrene	24.94	252	118731	3.362 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	75181	1.881 ng/ul	98
91) Benzo(g,h,i)perylene	30.07	276	65726	1.984 ng/ul#	75

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

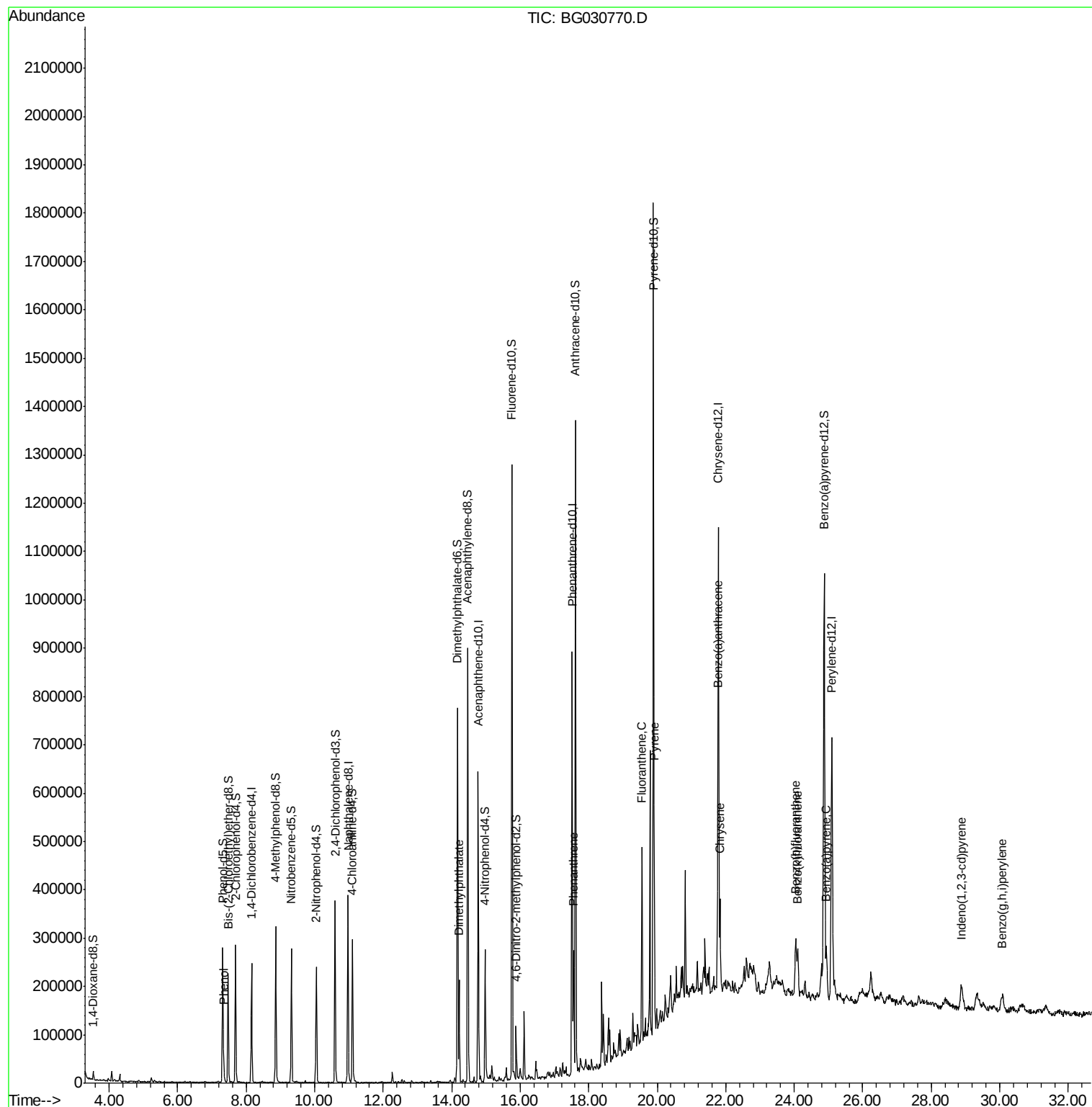
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030770.D
Acq On : 6 Nov 2017 12:03
Operator : SJ/JU
Sample : I6126-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

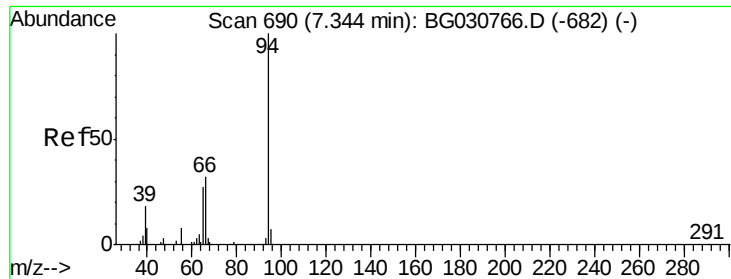
Instrument :
BNA_G
ClientSampled :
B0EC8

Manual Integrations
APPROVED

Sohil
11/7/2017 5:37:46 PM

Quant Time: Nov 07 04:35:03 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 04:02:51 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.580 ng/ul

RT: 7.35 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

Instrument :

BNA_G

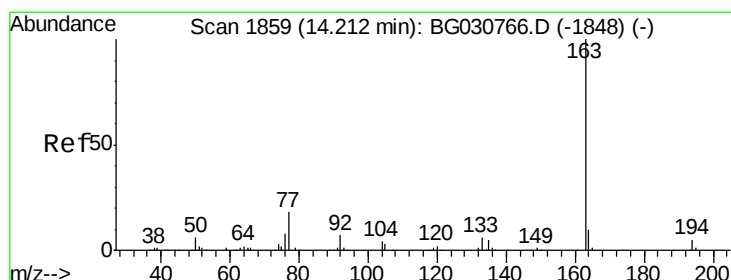
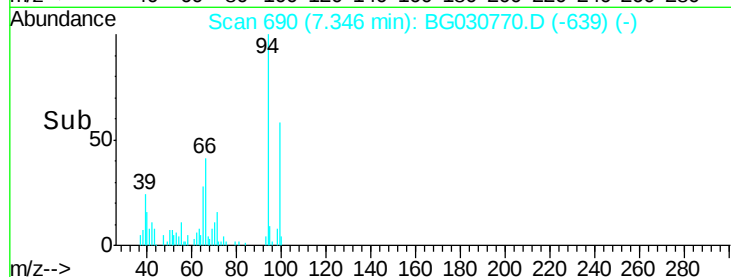
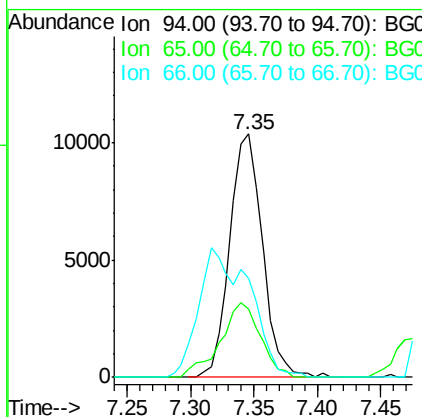
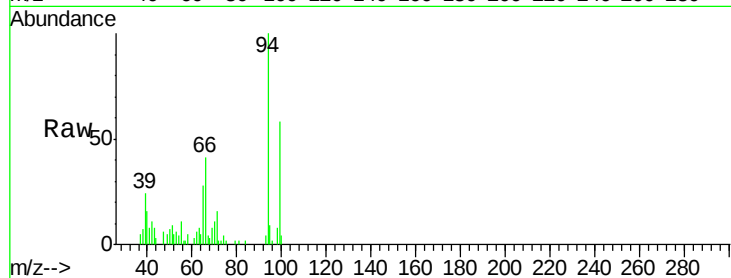
ClientSampleId :

B0EC8

Tgt Ion:	94	Resp:	18541
Ion Ratio	Lower	Upper	
94	100		
65	28.1	27.1	40.7
66	40.5	34.6	52.0

Manual Integrations
APPROVED

Sohil
11/7/2017 5:37:46 PM



#44

Dimethylphthalate

Concen: 7.249 ng/ul

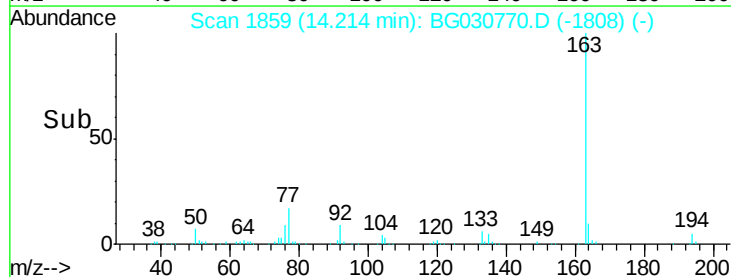
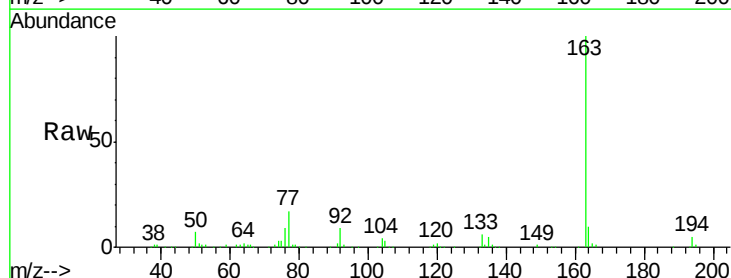
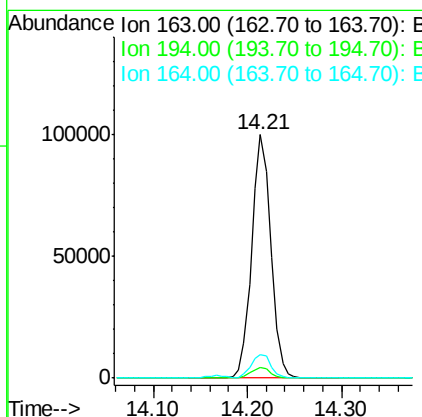
RT: 14.21 min Scan# 1859

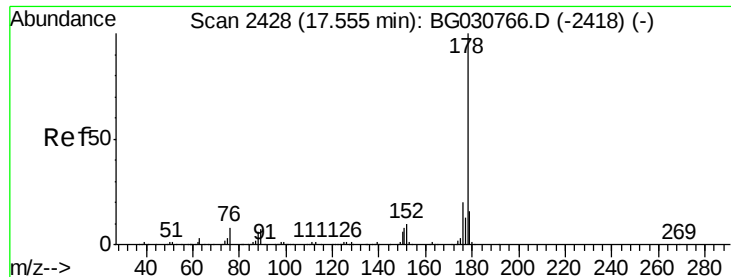
Delta R.T. 0.00 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

Tgt Ion:	163	Resp:	141259
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	9.8	7.6	11.4





#69

Phenanthrene

Concen: 5.472 ng/ul

RT: 17.56 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

Instrument :

BNA_G

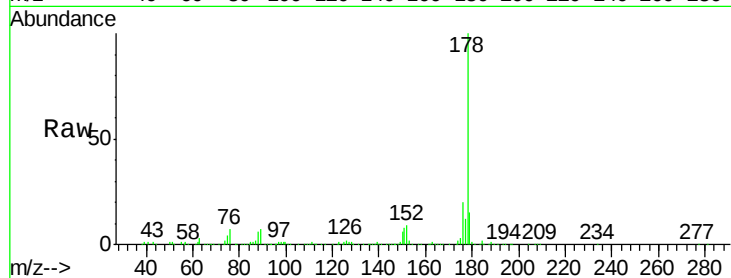
ClientSampled :

B0EC8

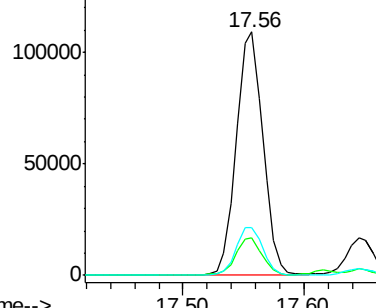
Tgt Ion:	178	Resp:	167256
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.0	19.6
176	19.7	15.3	22.9

Manual Integrations
APPROVED

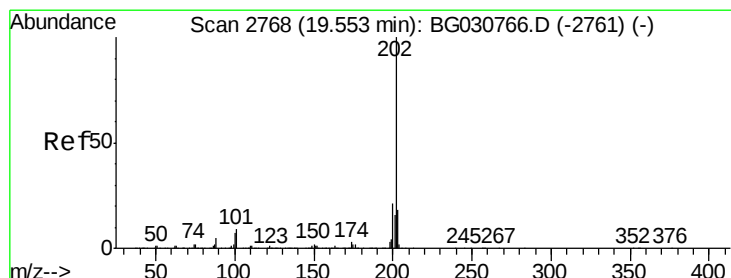
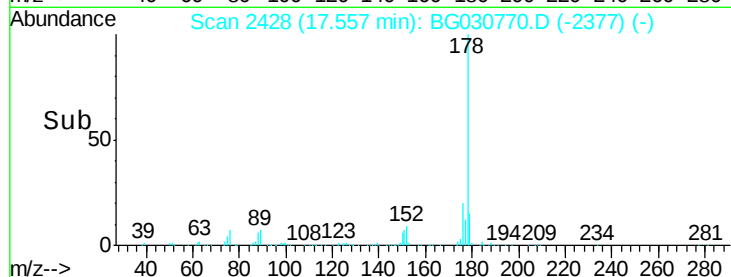
Sohil
11/7/2017 5:37:46 PM



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



Time-->



#74

Fluoranthene

Concen: 7.428 ng/ul

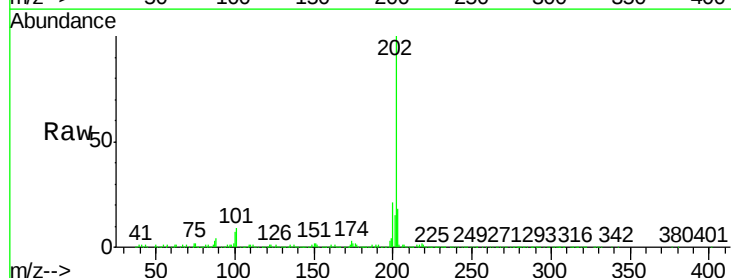
RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

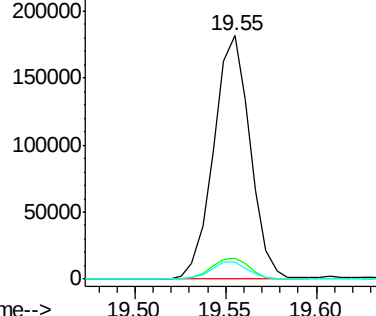
Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

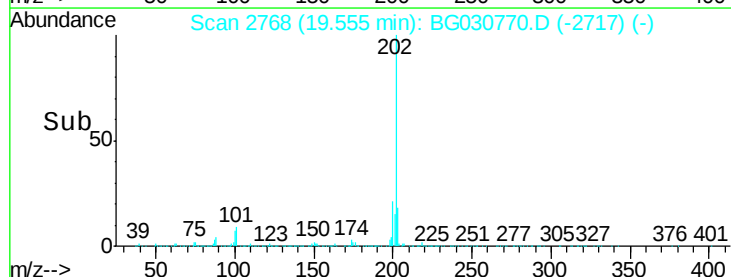
Tgt Ion:	202	Resp:	253751
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.4	11.2
100	7.1	5.6	8.4

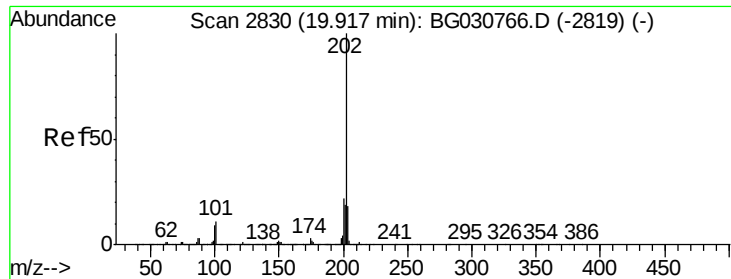


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#77

Pyrene

Concen: 6.820 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

Instrument :

BNA_G

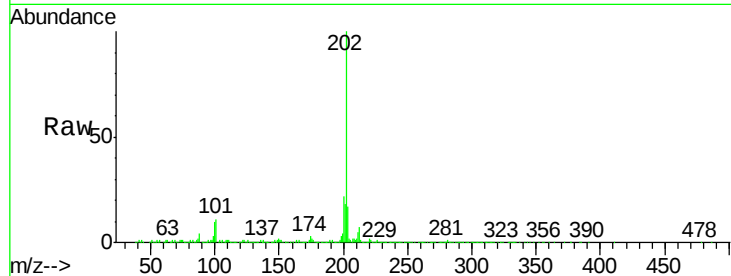
ClientSampled :

B0EC8

Tgt	Ion	202	Resp:	265527
Ion	Ratio	Lower	Upper	
202	100			
101	11.5	8.4	12.6	
100	9.6	7.0	10.6	

Manual Integrations
APPROVED

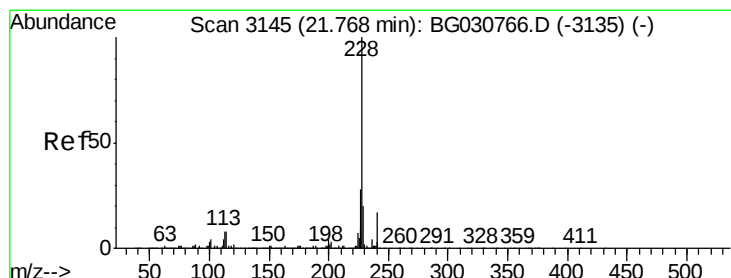
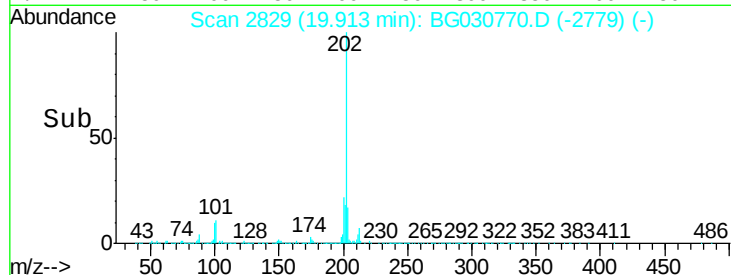
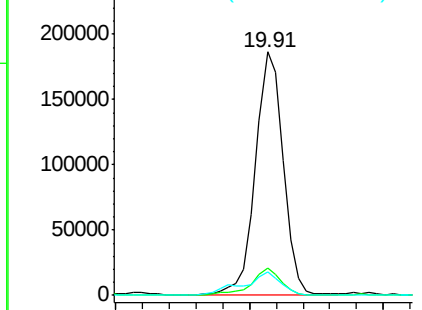
Sohil
11/7/2017 5:37:46 PM



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): E



#80

Benzo(a)anthracene

Concen: 3.683 ng/ul

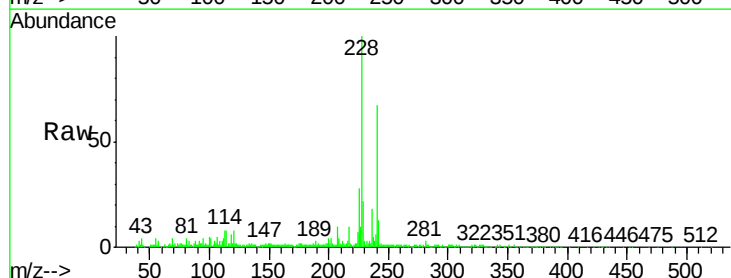
RT: 21.76 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

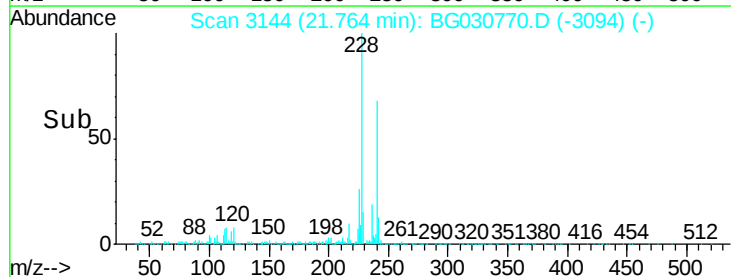
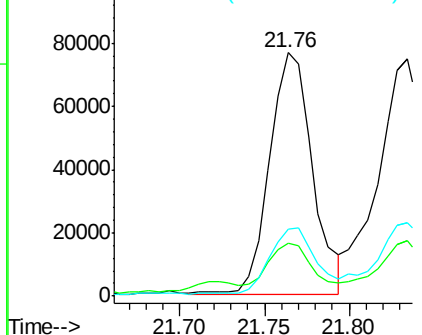
Tgt	Ion	228	Resp:	134101
Ion	Ratio	Lower	Upper	
228	100			
229	21.7	16.2	24.4	
226	27.6	22.2	33.2	

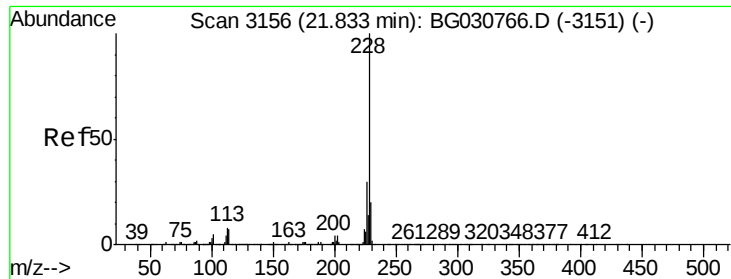


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 4.329 ng/ul m

RT: 21.83 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

Instrument :

BNA_G

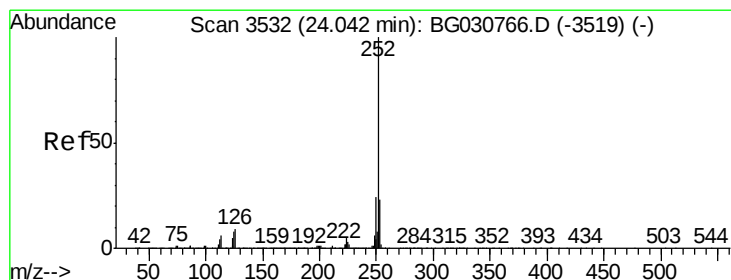
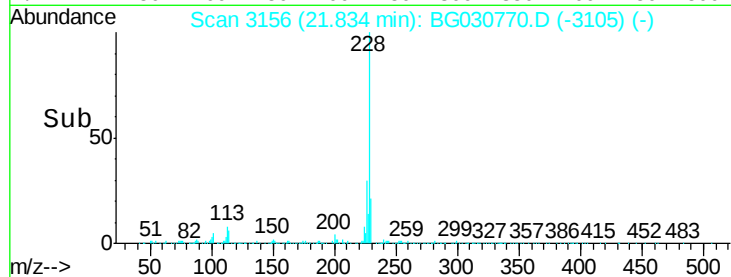
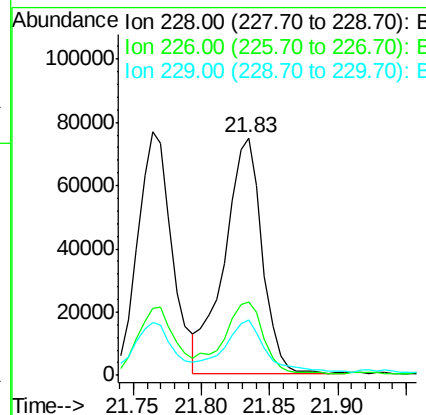
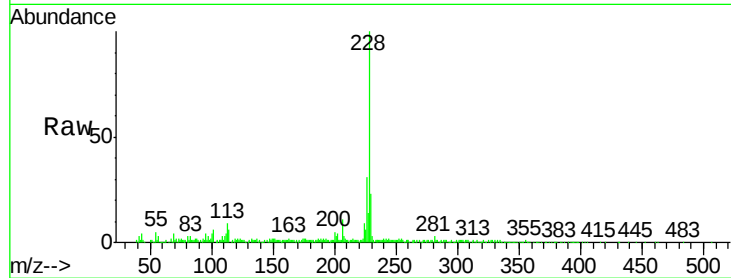
ClientSampled :

B0EC8

Tgt Ion:	228	Resp:	143219
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.2	36.2
229	23.3	15.2	22.8#

Manual Integrations
APPROVED

Sohil
11/7/2017 5:37:46 PM



#85

Benzo(b)fluoranthene

Concen: 4.322 ng/ul

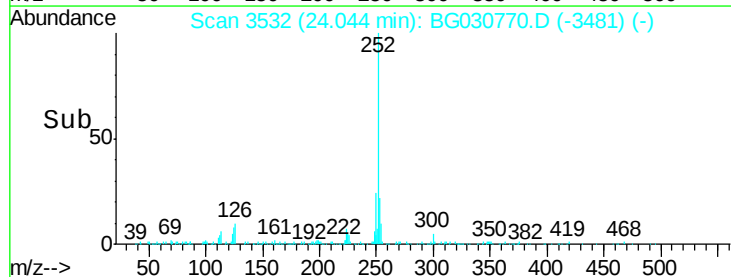
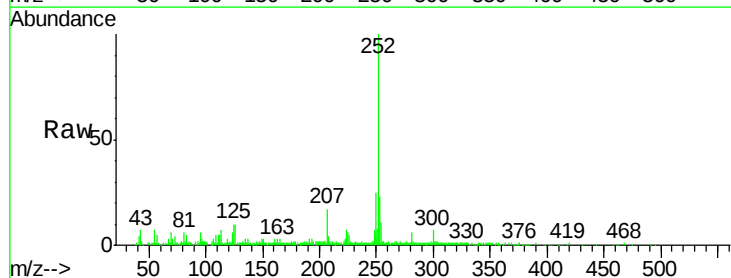
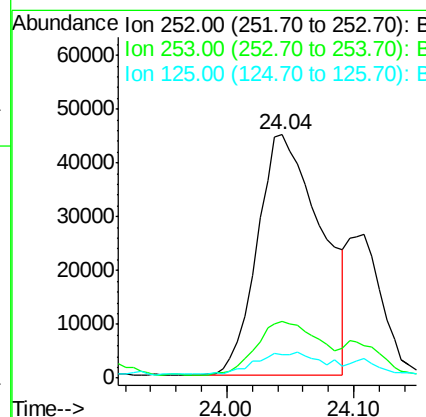
RT: 24.04 min Scan# 3532

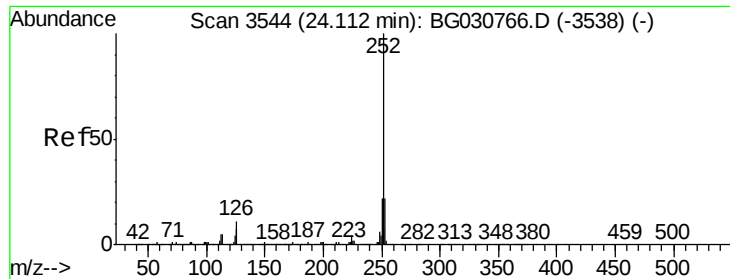
Delta R.T. 0.00 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

Tgt Ion:	252	Resp:	156804
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.0	25.4
125	9.7	7.5	11.3





#86

Benzo(k)fluoranthene

Concen: 1.432 ng/ul m

RT: 24.11 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

Instrument :

BNA_G

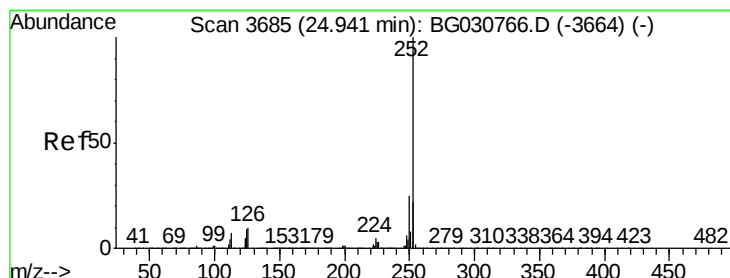
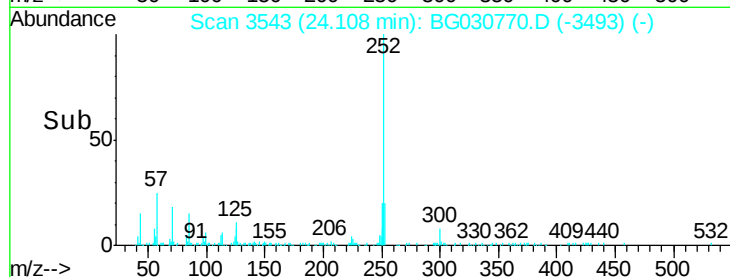
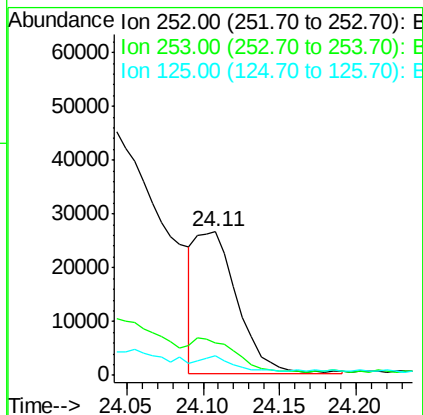
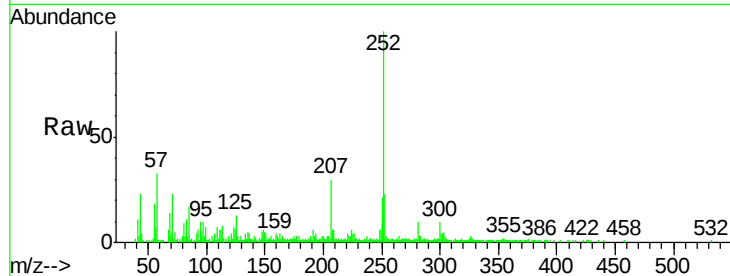
ClientSampleId :

B0EC8

Tgt Ion:	252	Resp:	50245
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	13.4	7.8	11.8

Manual Integrations
APPROVED

Sohil
11/7/2017 5:37:46 PM



#88

Benzo(a)pyrene

Concen: 3.362 ng/ul

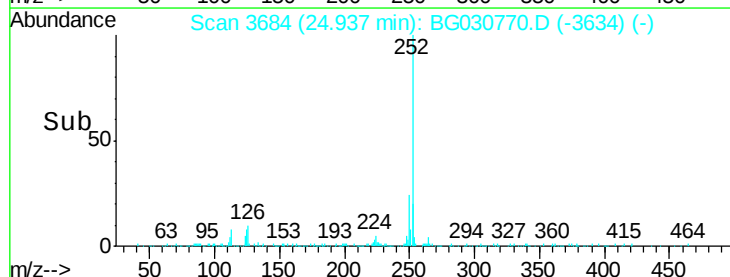
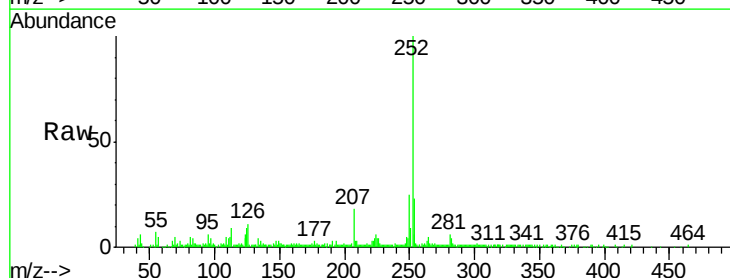
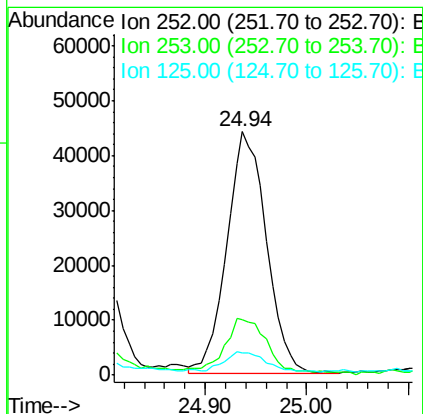
RT: 24.94 min Scan# 3684

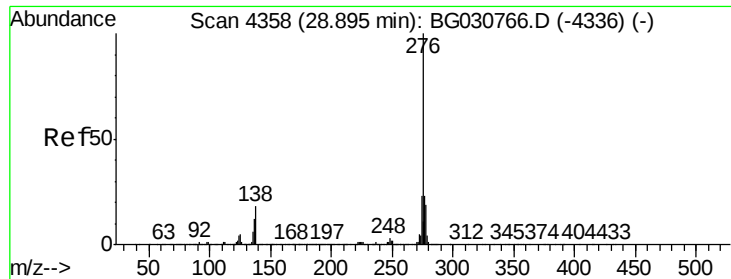
Delta R.T. -0.00 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

Tgt Ion:	252	Resp:	118731
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	9.3	7.8	11.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.881 ng/uI

RT: 28.87 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

Instrument :

BNA_G

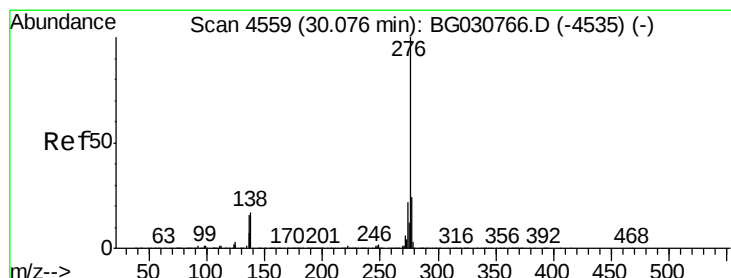
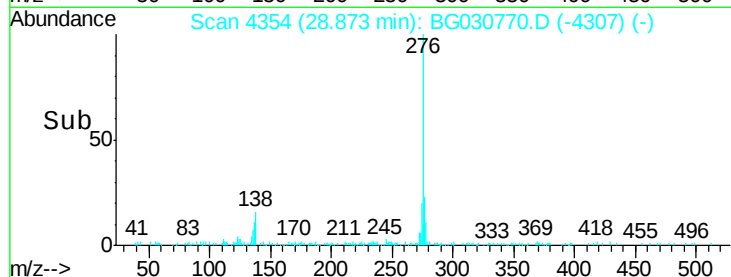
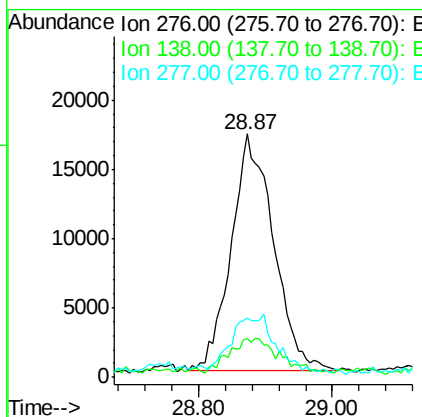
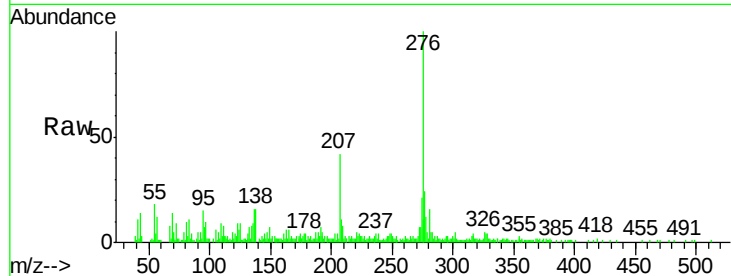
ClientSampleId :

B0EC8

Tgt Ion:	276	Resp:	75181
Ion Ratio	Lower	Upper	
276	100		
138	16.0	13.4	20.0
277	24.3	18.6	28.0

Manual Integrations
APPROVED

Sohil
11/7/2017 5:37:46 PM



#91

Benzo(g,h,i)perylene

Concen: 1.984 ng/uI

RT: 30.07 min Scan# 4558

Delta R.T. -0.00 min

Lab File: BG030770.D

Acq: 6 Nov 2017 12:03

Tgt Ion:	276	Resp:	65726
Ion Ratio	Lower	Upper	
276	100		
138	29.2	12.1	18.1#
277	31.1	17.7	26.5#

