

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025207.D
 Acq On : 15 Dec 2016 11:22
 Operator : UM/SJ
 Sample : H5938-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA830

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:45:19 PM

Quant Time: Dec 15 12:36:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 04:58:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	85228	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	391518	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	312987	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	598106	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	739496	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	743358	20.00	ng/ul	0.00

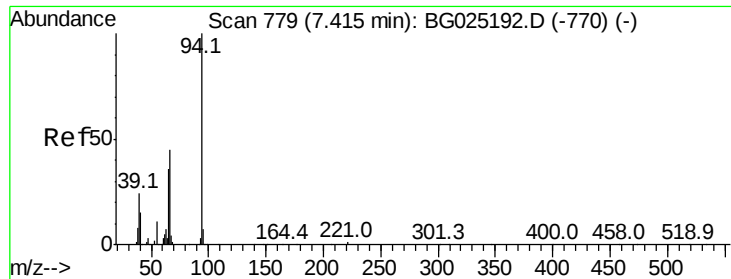
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	21827	13.23	ng/uL	-0.02
5) Phenol-d5	7.39	99	145711	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	103477	22.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	103261	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	130074	21.17	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	67889	24.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	70546	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	132829	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	498752	76.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	423397	19.67	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	520974	22.09	ng/ul	0.01
51) 4-Nitrophenol-d4	15.05	143	11311	3.06	ng/ul	0.00
57) Fluorene-d10	15.85	176	616907	30.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	91841	24.83	ng/ul	0.02
70) Anthracene-d10	17.70	188	551067	21.83	ng/ul	0.00
76) Pyrene-d10	19.98	212	653961	21.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	658144	21.85	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.42	94	71599	9.49	ng/ul#	90
11) 2-Methylphenol	8.68	108	104888	18.88	ng/ul	84
16) 4-Methylphenol	9.02	108	485819	78.59	ng/ul	88
24) 2,4-Dimethylphenol	10.23	107	569795m	71.07	ng/ul	
28) Naphthalene	11.12	128	2147010	117.97	ng/ul#	94
34) 2-Methylnaphthalene	12.72	142	2888350	201.11	ng/ul	89
40) 1,1'-Biphenyl	13.70	154	712047	37.52	ng/ul	99
44) Dimethylphthalate	14.31	163	323397	15.29	ng/ul#	99
49) Acenaphthene	14.94	153	174694	11.12	ng/ul#	77
53) Dibenzofuran	15.27	168	432474	17.41	ng/ul	97
58) Fluorene	15.91	166	463791	22.93	ng/ul#	87
69) Phenanthrene	17.65	178	243739	8.54	ng/ul#	93
71) Anthracene	17.74	178	60276	2.05	ng/ul#	80
74) Fluoranthene	19.64	202	41951	1.24	ng/ul#	89
77) Pyrene	20.01	202	57382	1.61	ng/ul	98

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



#6

Phenol

Concen: 9.49 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Instrument :

BNA_G

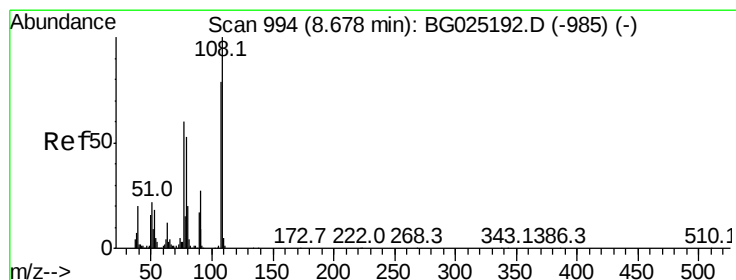
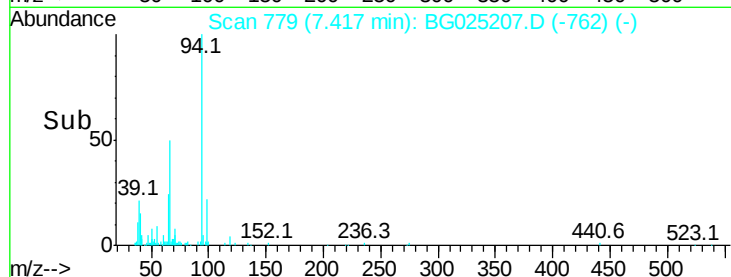
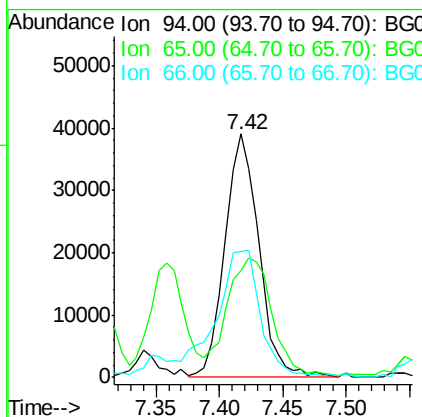
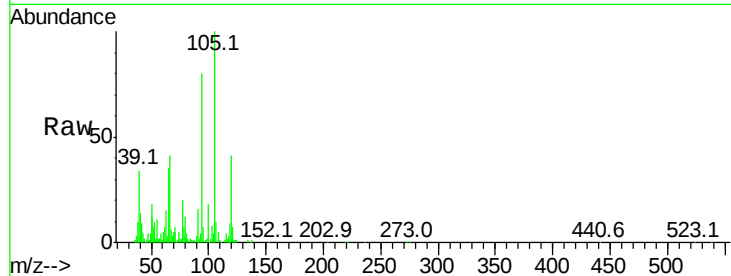
ClientSampleId :

DA830

Tot Ion:	94	Resp:	71599
Ion Ratio	Lower	Upper	
94	100		
65	44.1	26.8	40.2#
66	51.5	44.4	66.6

Manual Integrations
APPROVED

sohil
12/15/2016 5:45:19 PM



#11

2-Methylphenol

Concen: 18.88 ng/ul

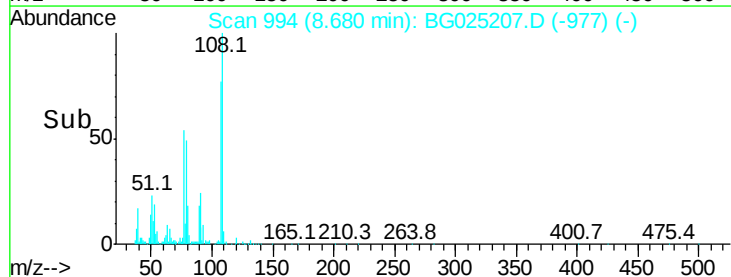
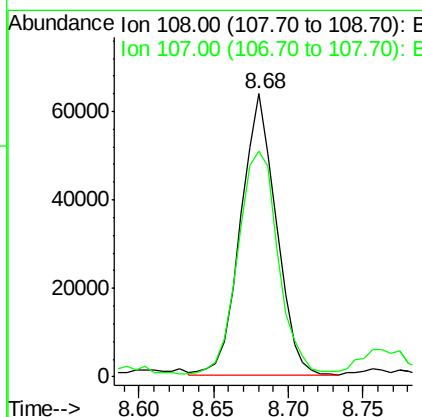
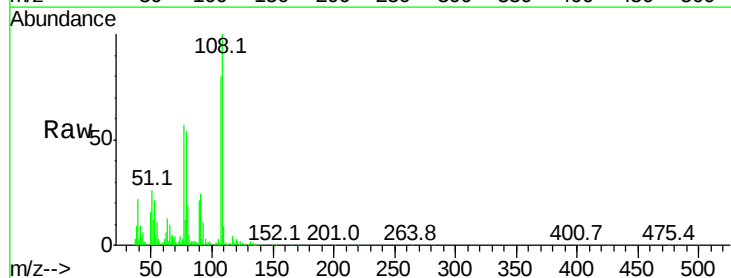
RT: 8.68 min Scan# 994

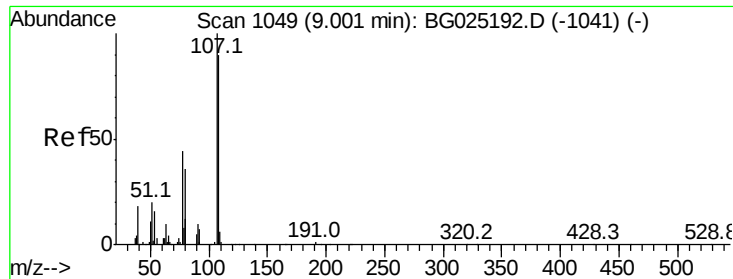
Delta R.T. 0.00 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Tgt Ion:	108	Resp:	104888
Ion Ratio	Lower	Upper	
108	100		
107	80.0	76.7	115.1





#16

4-Methylphenol

Concen: 78.59 ng/ul

RT: 9.02 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Instrument :

BNA_G

ClientSampleId :

DA830

Tot Ion:108 Resp: 485819

Ion Ratio Lower Upper

108 100

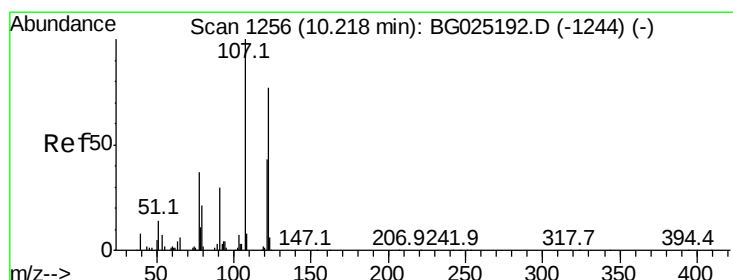
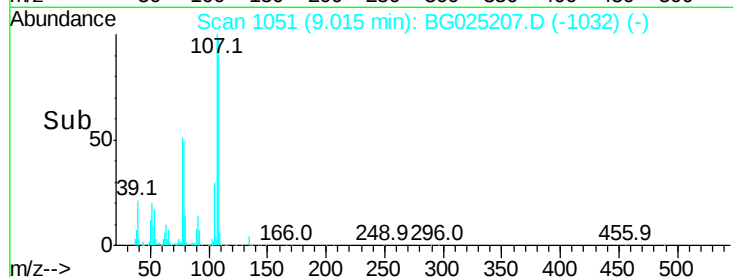
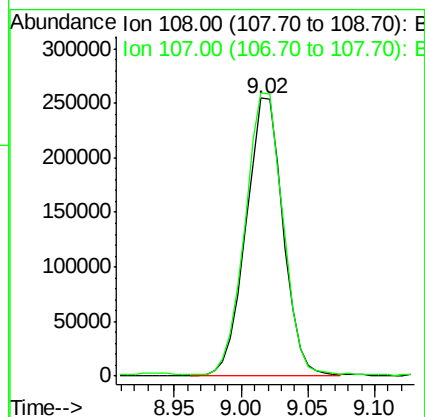
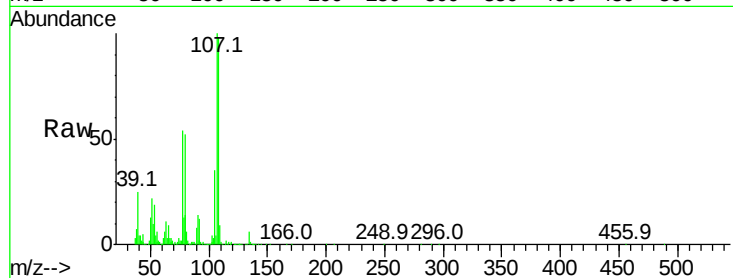
107 101.8 91.7 137.5

Manual Integrations

APPROVED

sohil

12/15/2016 5:45:19 PM



#24

2,4-Dimethylphenol

Concen: 71.07 ng/ul m

RT: 10.23 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

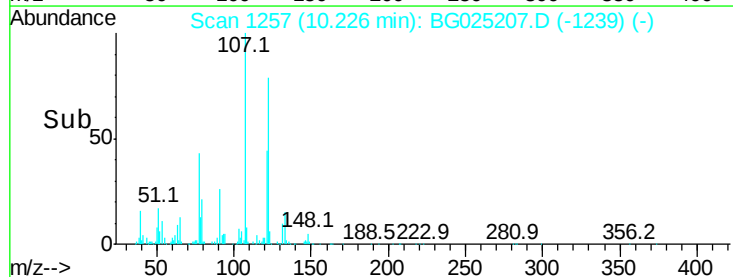
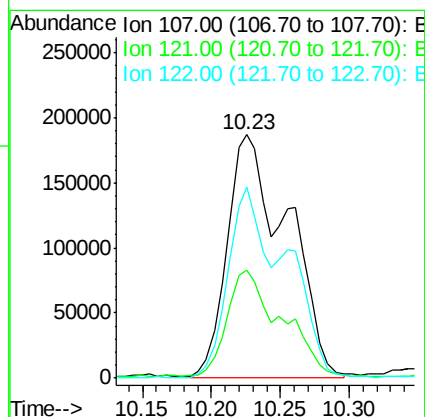
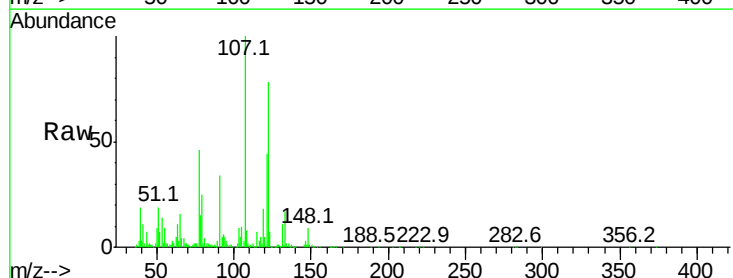
Tgt Ion:107 Resp: 569795

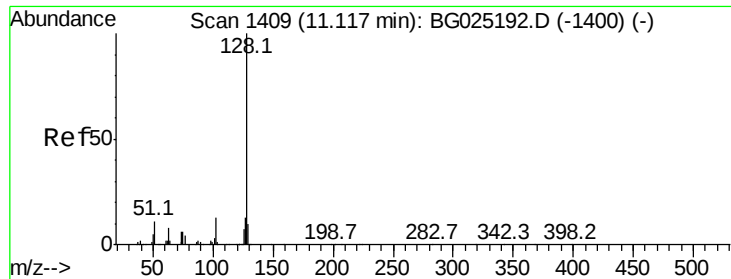
Ion Ratio Lower Upper

107 100

121 44.2 32.3 48.5

122 78.5 61.2 91.8





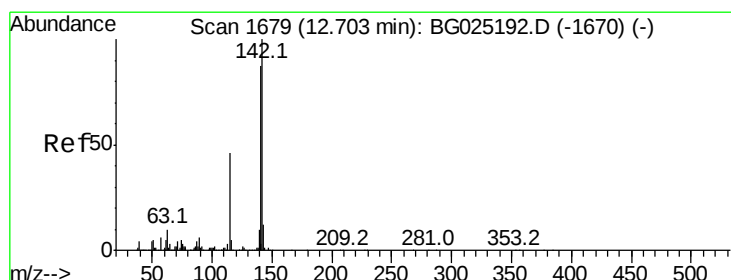
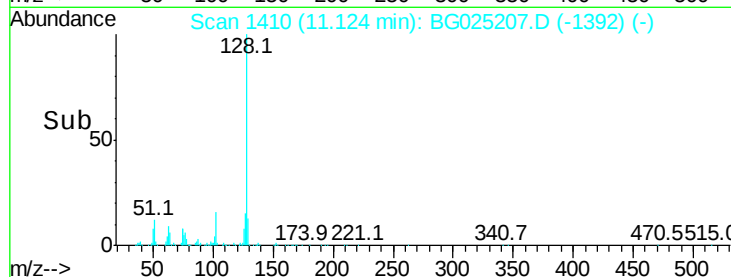
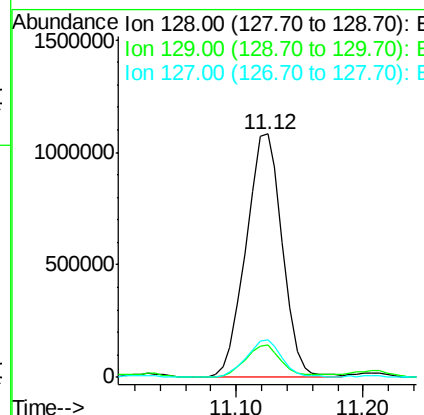
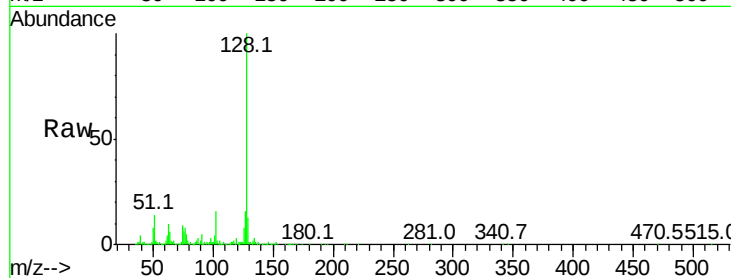
#28
Naphthalene
Concen: 117.97 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG025207.D
Acq: 15 Dec 2016 11:22

Instrument :
BNA_G
ClientSampleId :
DA830

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.4	14.2
127	15.6	10.3	15.5

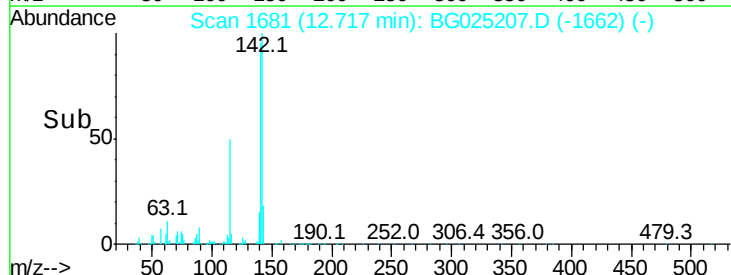
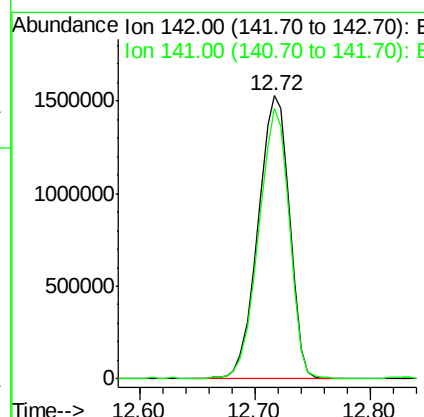
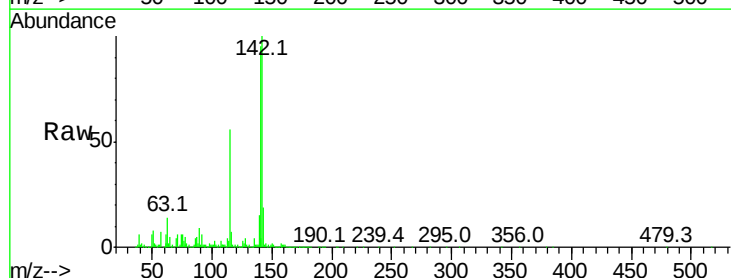
Manual Integrations
APPROVED

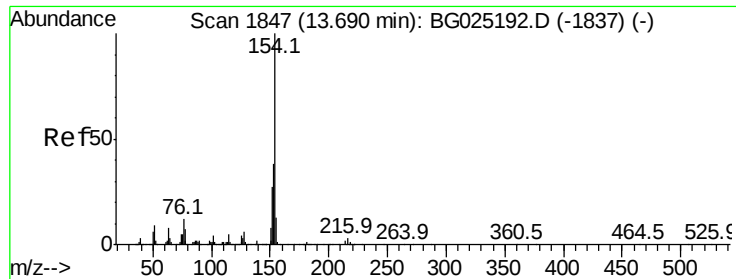
sohil
12/15/2016 5:45:19 PM



#34
2-Methylnaphthalene
Concen: 201.11 ng/ul
RT: 12.72 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BG025207.D
Acq: 15 Dec 2016 11:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	68.6	102.8





#40

1,1'-Biphenyl

Concen: 37.52 ng/ul

RT: 13.70 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Instrument :

BNA_G

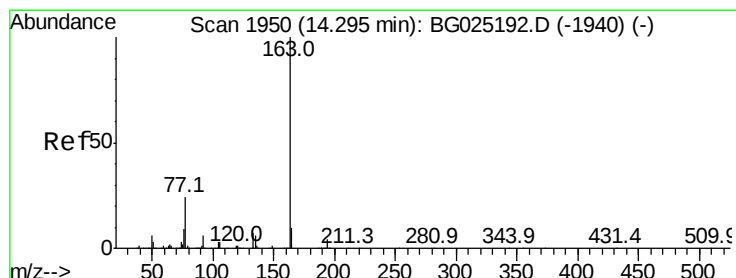
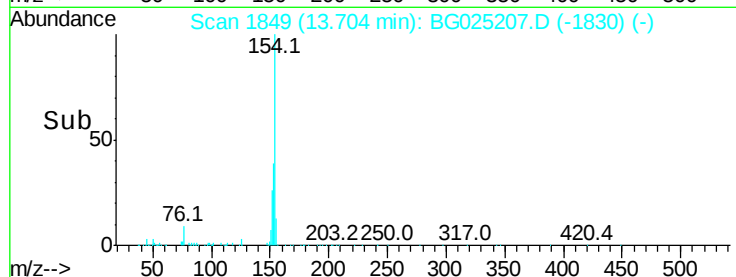
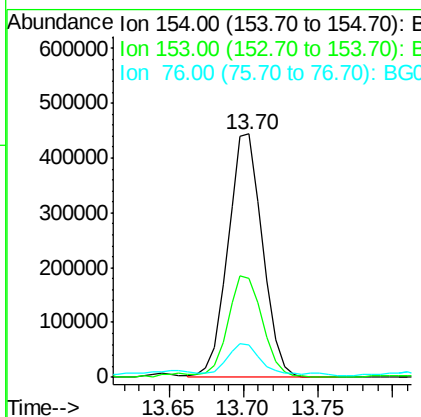
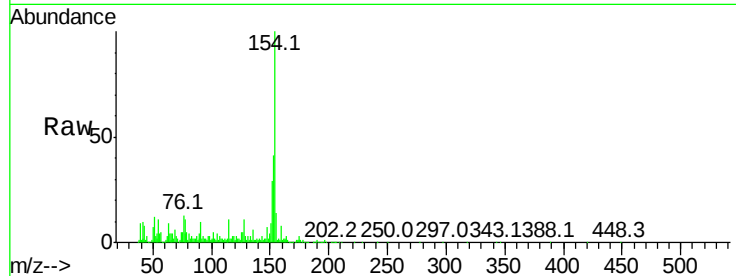
ClientSampleId :

DA830

Tot Ion:	154	Resp:	712047
Ion Ratio	Lower	Upper	
154	100		
153	40.5	32.2	48.2
76	13.2	9.6	14.4

Manual Integrations
APPROVED

sohil
12/15/2016 5:45:19 PM



#44

Dimethylphthalate

Concen: 15.29 ng/ul

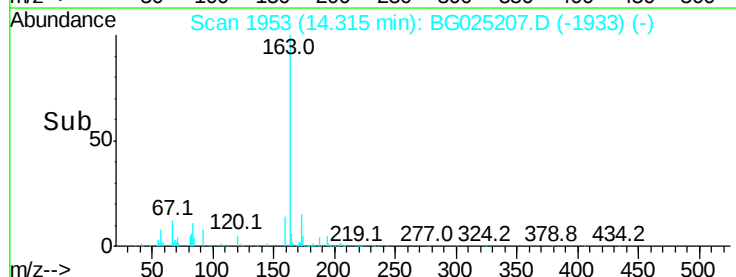
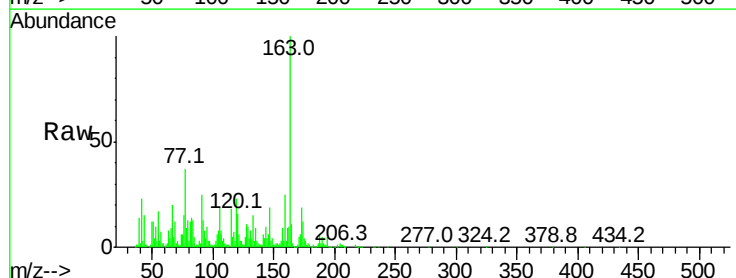
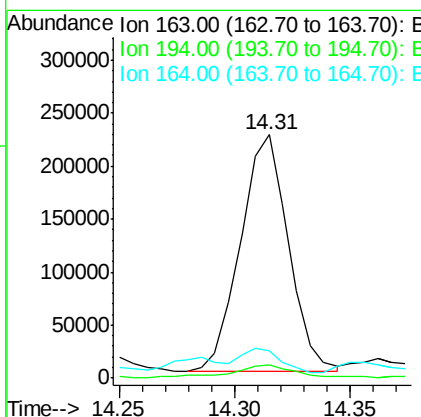
RT: 14.31 min Scan# 1953

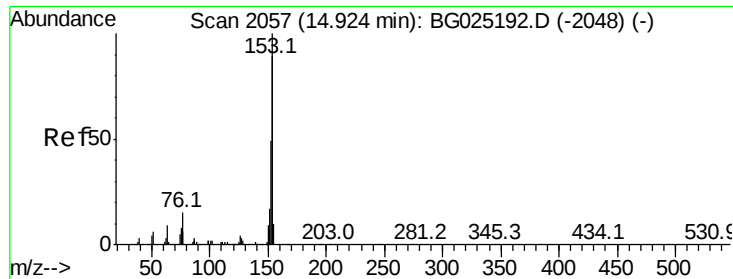
Delta R.T. 0.02 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Tgt Ion:	163	Resp:	323397
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.4	5.0#
164	11.2	9.0	13.4





#49

Acenaphthene

Concen: 11.12 ng/ul

RT: 14.94 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Instrument :

BNA_G

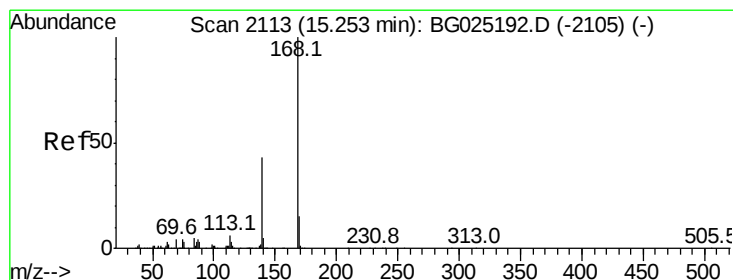
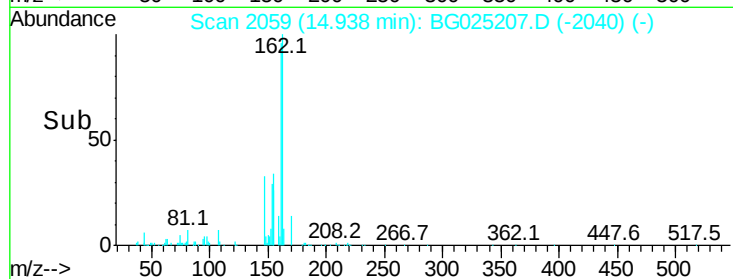
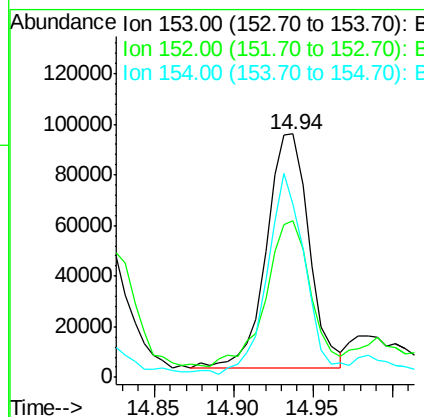
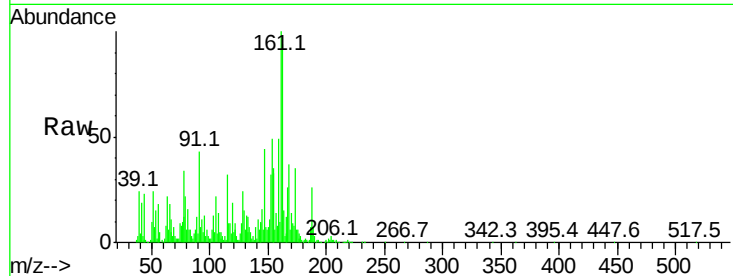
ClientSampleId :

DA830

Tot Ion:	153	Resp:	174694
Ion Ratio	Lower	Upper	
153	100		
152	64.4	36.5	54.7#
154	71.3	72.3	108.5#

Manual Integrations
APPROVED

sohil
12/15/2016 5:45:19 PM



#53

Dibenzofuran

Concen: 17.41 ng/ul

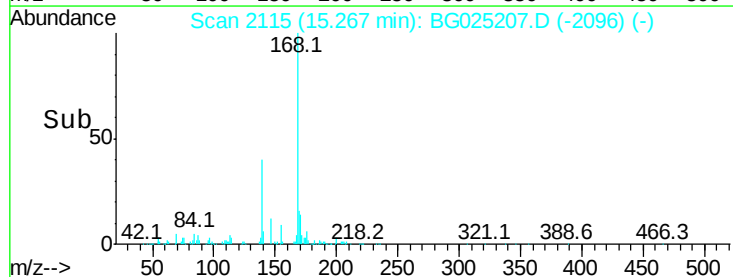
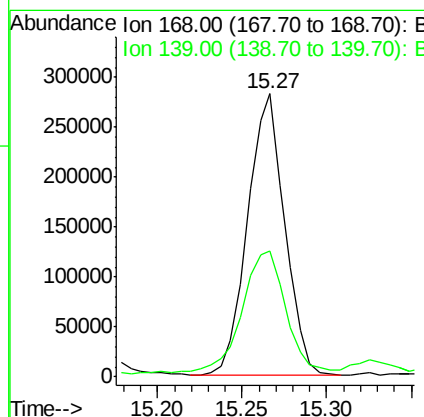
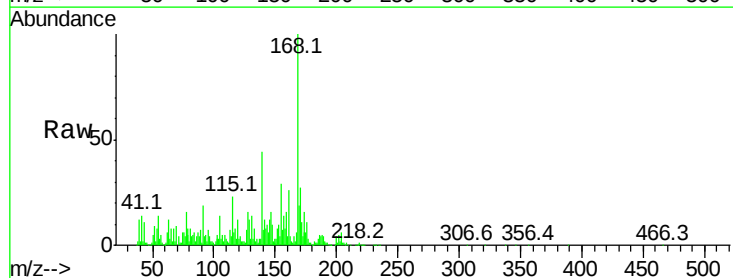
RT: 15.27 min Scan# 2115

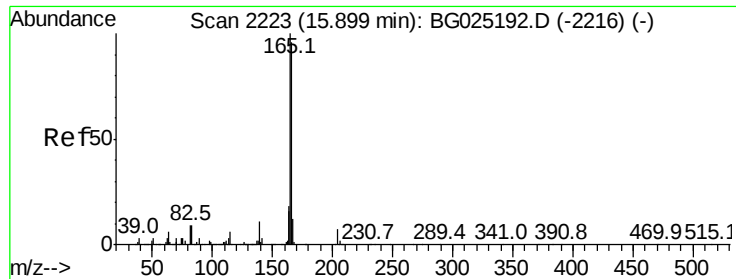
Delta R.T. 0.01 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Tgt Ion:	168	Resp:	432474
Ion Ratio	Lower	Upper	
168	100		
139	44.3	33.8	50.8





#58

Fluorene

Concen: 22.93 ng/ul

RT: 15.91 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Instrument :

BNA_G

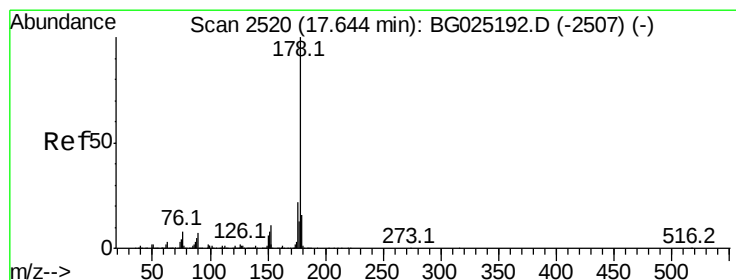
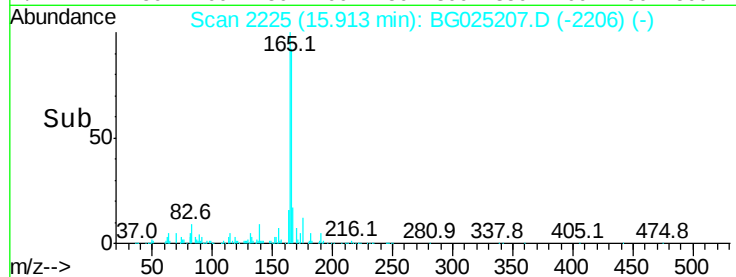
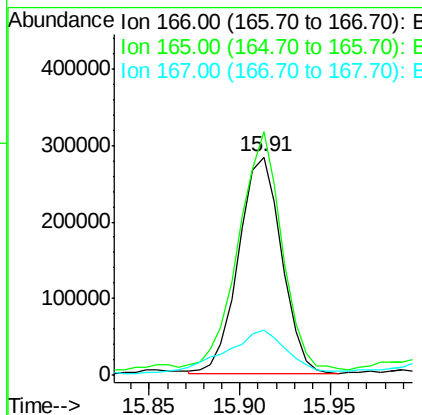
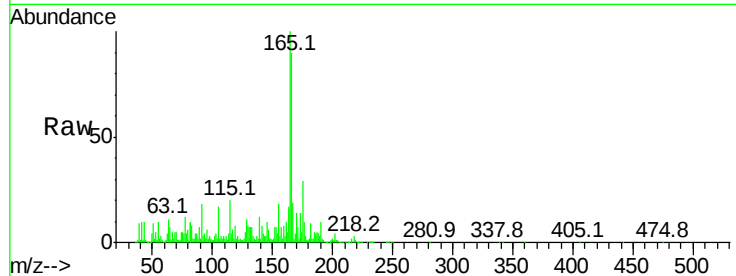
ClientSampleId :

DA830

Tot Ion	Ratio	Lower	Upper
166	100		
165	111.6	79.7	119.5
167	20.8	11.4	17.2

Manual Integrations
APPROVED

sohil
12/15/2016 5:45:19 PM



#69

Phenanthrene

Concen: 8.54 ng/ul

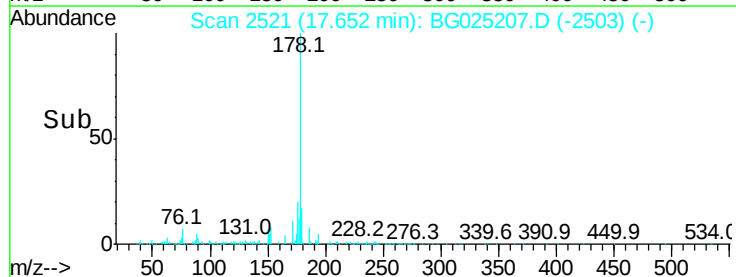
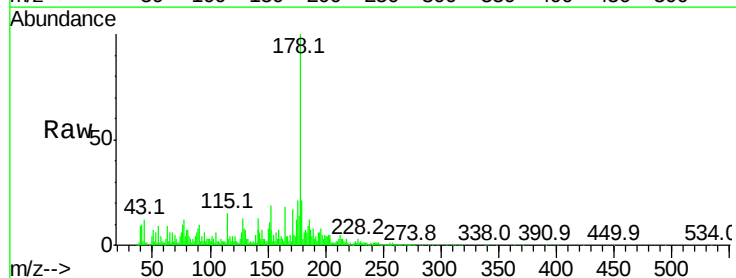
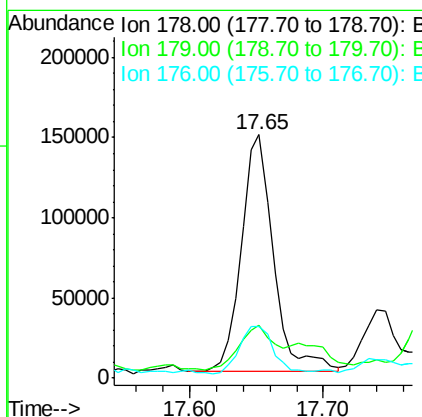
RT: 17.65 min Scan# 2521

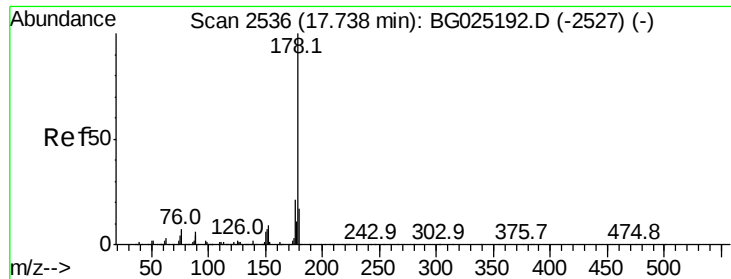
Delta R.T. 0.01 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.5	12.4	18.6
176	21.4	16.5	24.7





#71

Anthracene

Concen: 2.05 ng/ul

RT: 17.74 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Instrument :

BNA_G

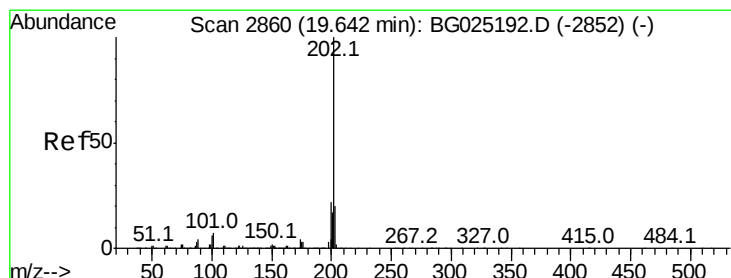
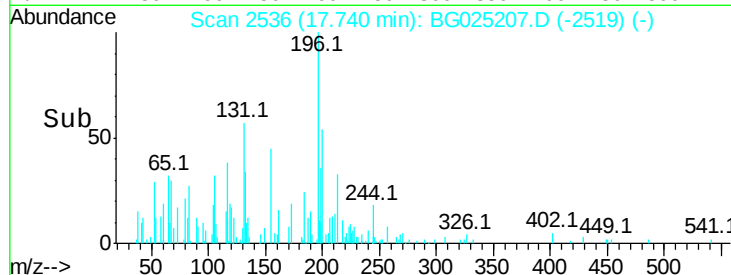
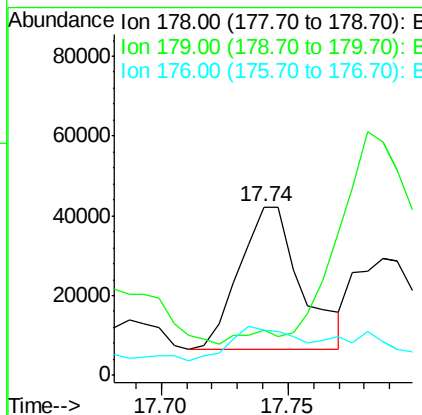
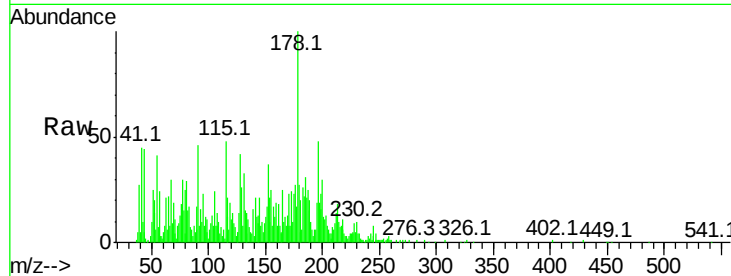
ClientSampleId :

DA830

Tot Ion:	178	Resp:	60276
Ion	Ratio	Lower	Upper
178	100		
179	26.6	12.6	19.0#
176	26.6	15.9	23.9#

Manual Integrations
APPROVED

sohil
12/15/2016 5:45:19 PM



#74

Fluoranthene

Concen: 1.24 ng/ul

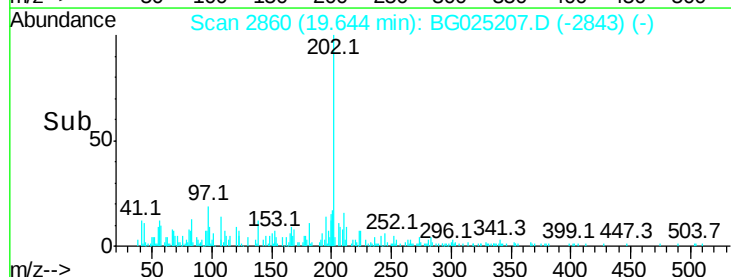
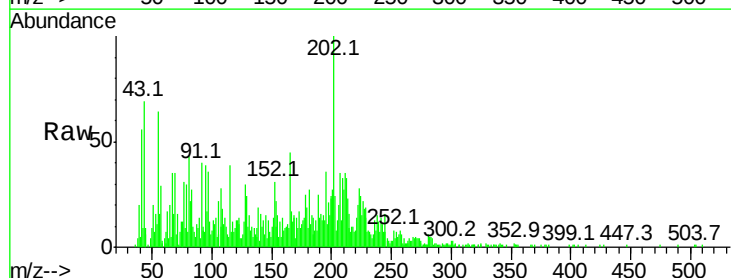
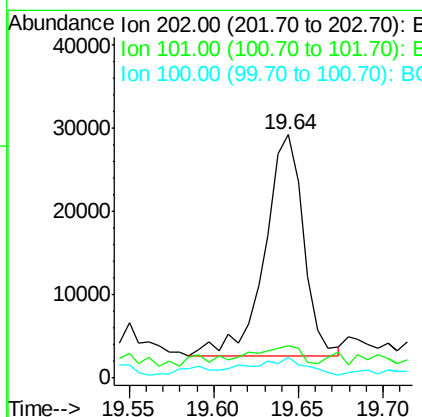
RT: 19.64 min Scan# 2860

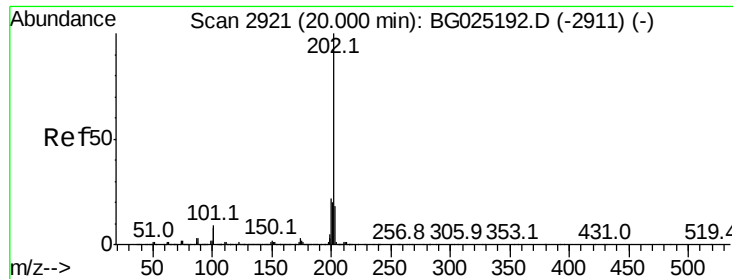
Delta R.T. 0.00 min

Lab File: BG025207.D

Acq: 15 Dec 2016 11:22

Tgt Ion:	202	Resp:	41951
Ion	Ratio	Lower	Upper
202	100		
101	13.4	6.2	9.2#
100	8.4	5.2	7.8#





#77
 Pvrene
 Concen: 1.61 ng/ul
 RT: 20.01 min Scan# 2922
 Delta R.T. 0.01 min
 Lab File: BG025207.D
 Acq: 15 Dec 2016 11:22

Instrument :
 BNA_G
 ClientSampleId :
 DA830

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	6.9	10.3
100	8.3	6.6	10.0

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:45:19 PM

