

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
 Data File : BG029220.D
 Acq On : 14 Oct 2017 10:09
 Operator : SJ/JU
 Sample : I5574-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0C11

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:32:31 PM

Quant Time: Oct 15 00:27:34 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	87555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	397824	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	244200	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	572005	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	546826	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	531357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9562	4.44	ng/uL	0.00
5) Phenol-d5	7.31	99	195785	23.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	131558	25.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	149590	25.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	147655	21.76	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	81092	28.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	83470	28.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	162564	24.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	187273	24.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	571619	27.38	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	681641	26.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	80229	20.82	ng/ul	0.00
57) Fluorene-d10	15.77	176	491435	28.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	60705	21.74	ng/ul	0.00
70) Anthracene-d10	17.62	188	753145	27.84	ng/ul	0.00
76) Pyrene-d10	19.90	212	784831	27.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	682909	27.14	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.34	94	38894	4.47	ng/ul	97
44) Dimethylphthalate	14.23	163	200840	9.86	ng/ul	98
69) Phenanthrene	17.56	178	62339	2.02	ng/ul	97
74) Fluoranthene	19.56	202	97541	2.82	ng/ul#	91
77) Pyrene	19.92	202	90176	2.46	ng/ul#	90
80) Benzo(a)anthracene	21.77	228	39451m	1.15	ng/ul	
82) Chrysene	21.84	228	45254	1.45	ng/ul	95
85) Benzo(b)fluoranthene	24.05	252	51219	1.61	ng/ul#	92
88) Benzo(a)pyrene	24.95	252	33432	1.08	ng/ul	99

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

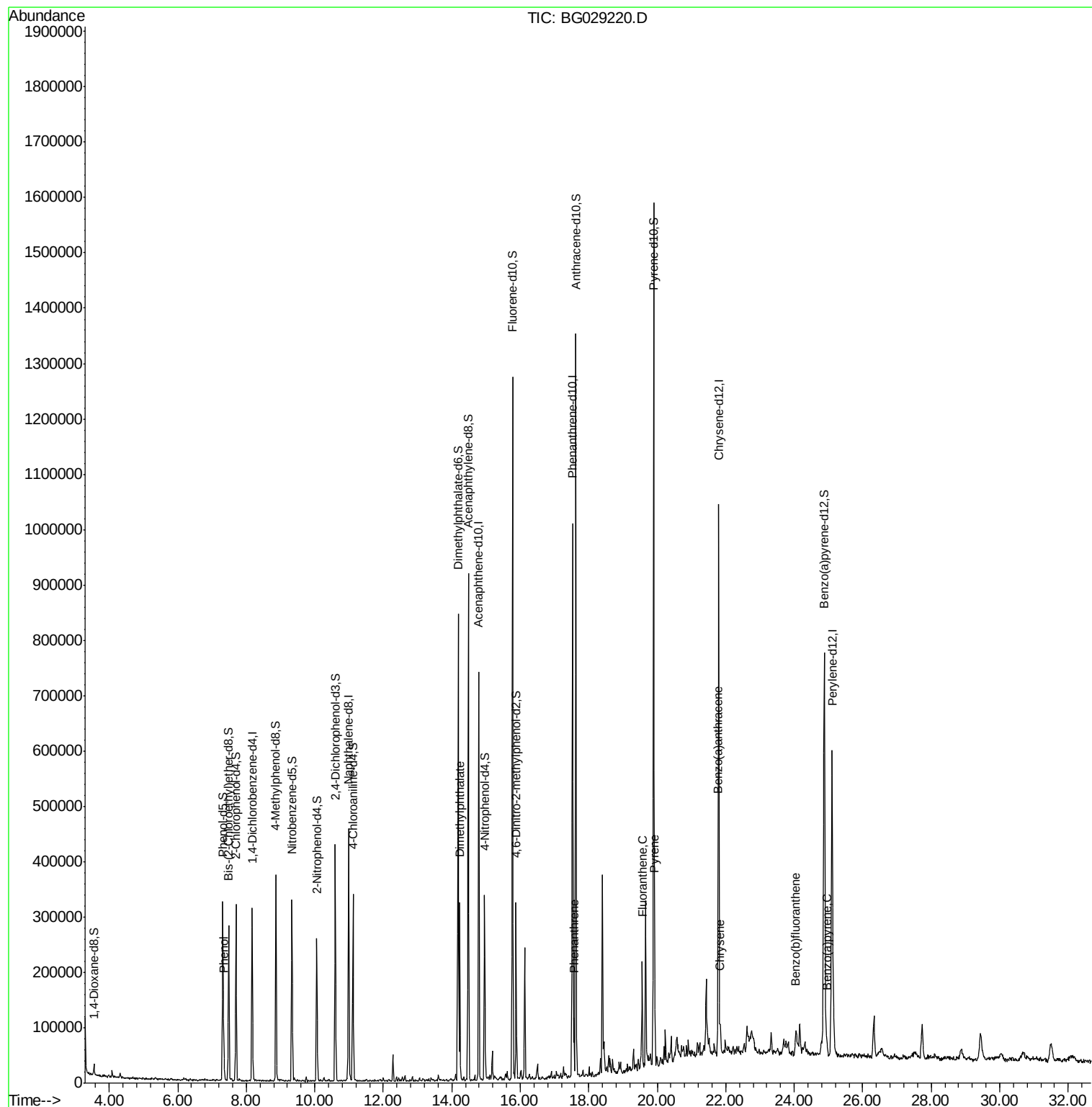
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029220.D
Acq On : 14 Oct 2017 10:09
Operator : SJ/JU
Sample : I5574-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

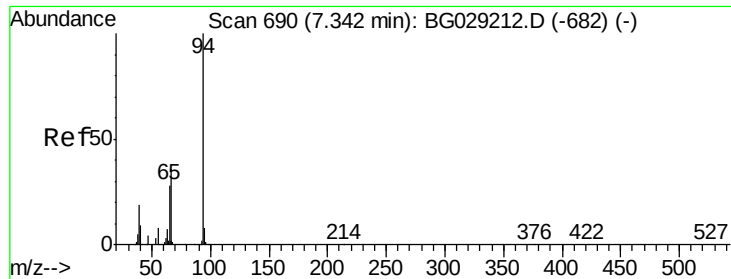
Instrument :
BNA_G
ClientSampleId :
B0C11

Manual Integrations
APPROVED

Sohil
10/15/2017 12:32:31 PM

Quant Time: Oct 15 00:27:34 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.47 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

Instrument :

BNA_G

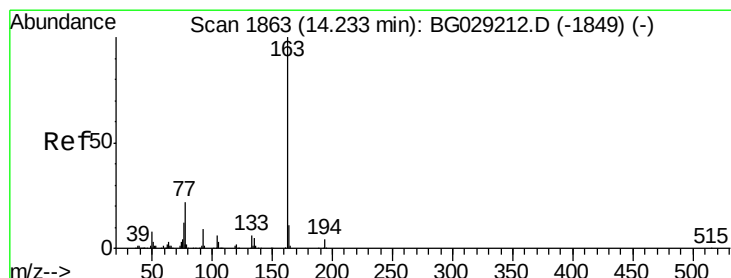
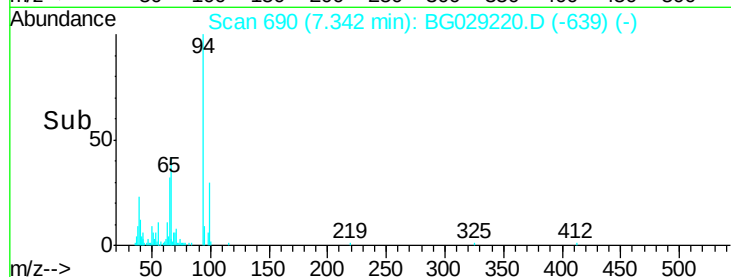
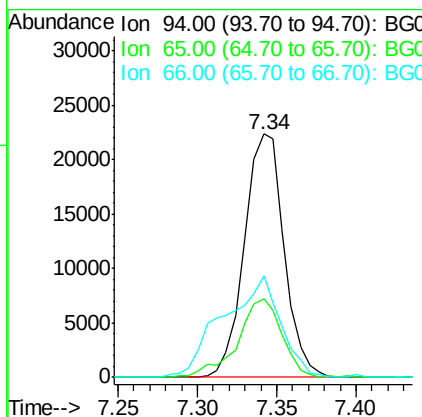
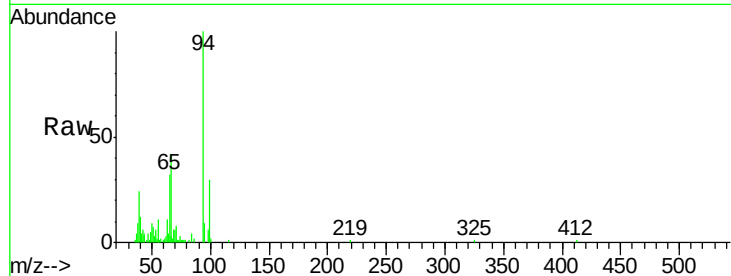
ClientSampled :

B0C11

Tgt Ion:	94	Resp:	38894
Ion Ratio	Lower	Upper	
94	100		
65	32.2	27.1	40.7
66	41.9	34.6	52.0

Manual Integrations
APPROVED

Sohil
10/15/2017 12:32:31 PM



#44

Dimethylphthalate

Concen: 9.86 ng/ul

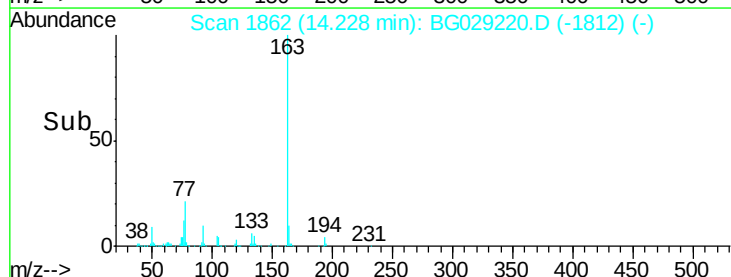
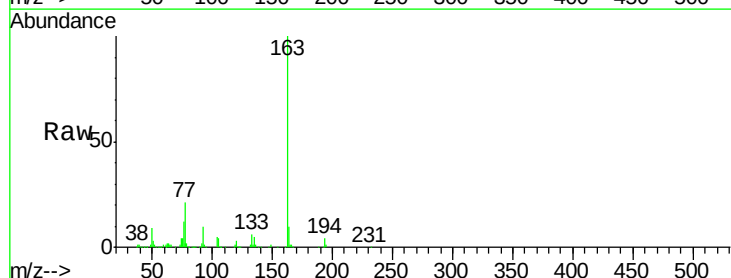
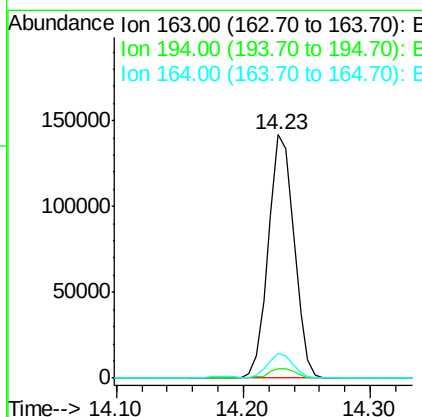
RT: 14.23 min Scan# 1862

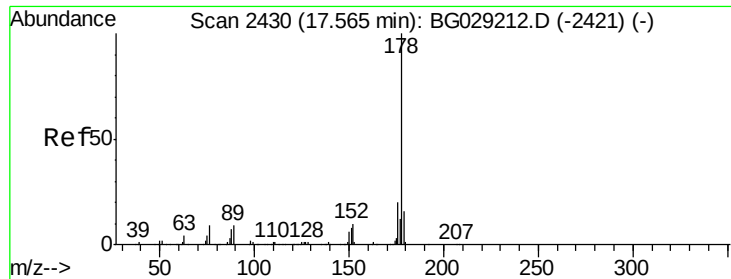
Delta R.T. -0.01 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

Tgt Ion:	163	Resp:	200840
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	10.2	7.6	11.4





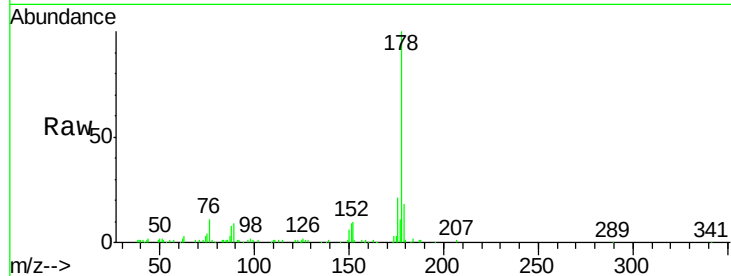
#69
Phenanthrene
Concen: 2.02 ng/ul
RT: 17.56 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG029220.D
Acq: 14 Oct 2017 10:09

Instrument :
BNA_G
ClientSampled :
B0C11

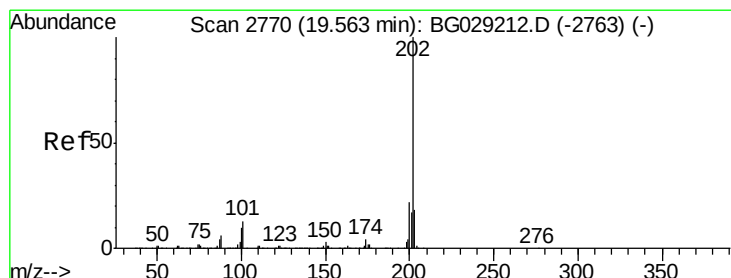
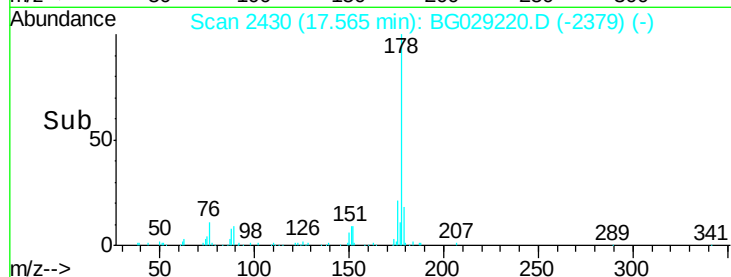
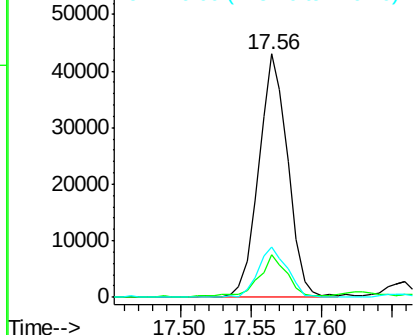
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	62339		
179	17.6		13.0	19.6
176	20.8		15.3	22.9

Manual Integrations
APPROVED

Sohil
10/15/2017 12:32:31 PM

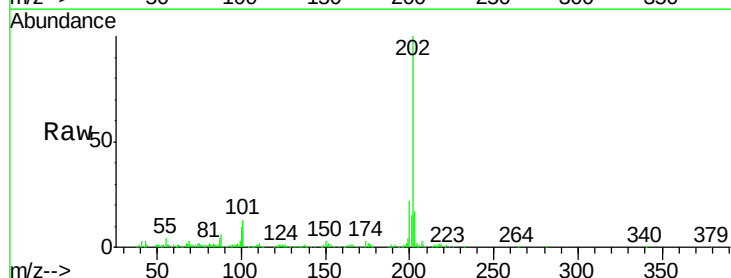


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

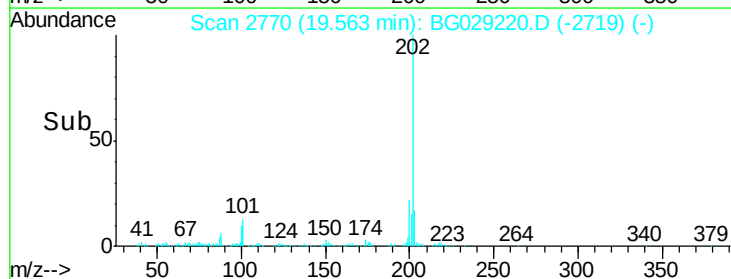
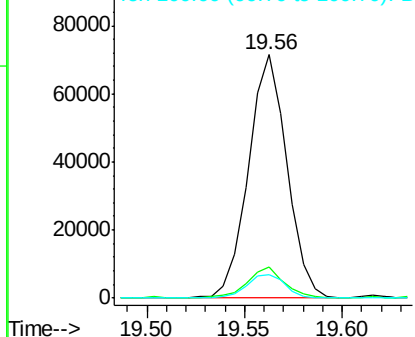


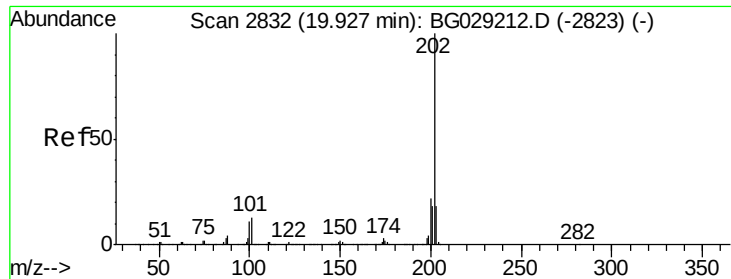
#74
Fluoranthene
Concen: 2.82 ng/ul
RT: 19.56 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG029220.D
Acq: 14 Oct 2017 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	97541		
101	12.7		7.4	11.2#
100	9.6		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





#77

Pyrene

Concen: 2.46 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

Instrument :

BNA_G

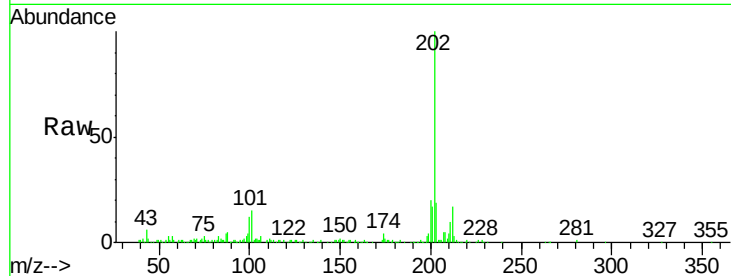
ClientSampleId :

B0C11

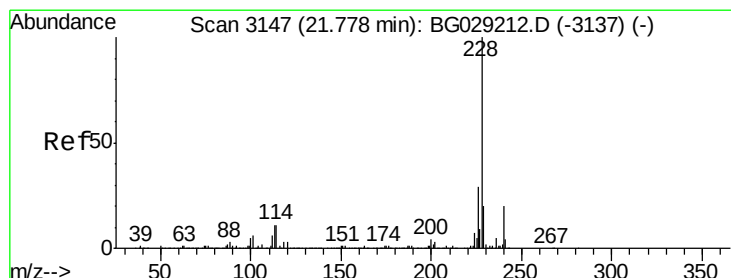
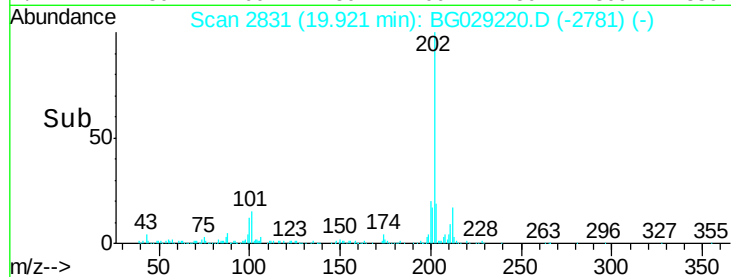
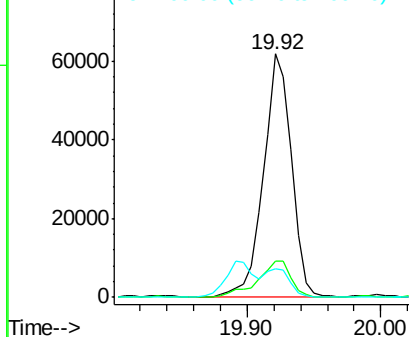
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	8.4	12.6#
100	11.7	7.0	10.6#

Manual Integrations
APPROVED

Sohil
10/15/2017 12:32:31 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



#80

Benzo(a)anthracene

Concen: 1.15 ng/ul m

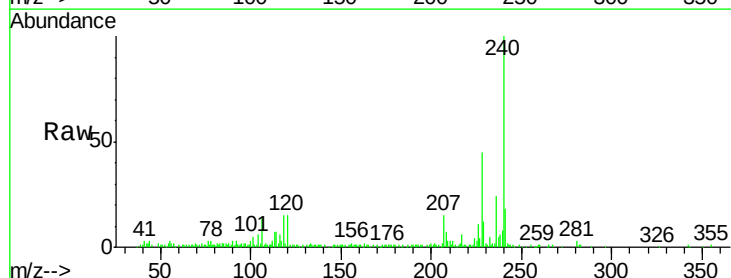
RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

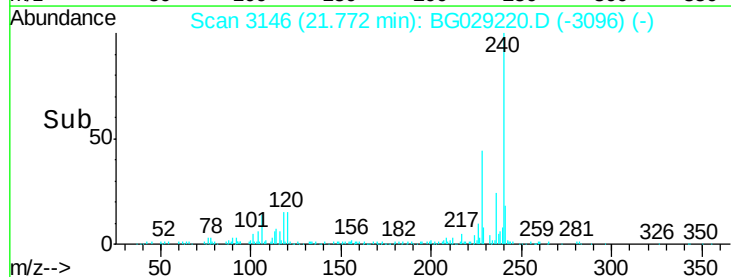
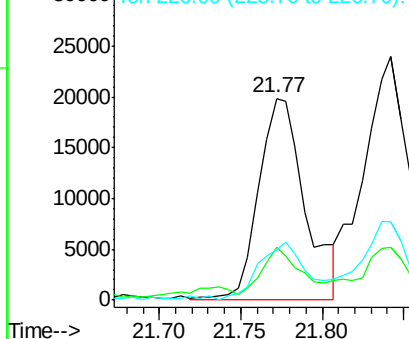
Lab File: BG029220.D

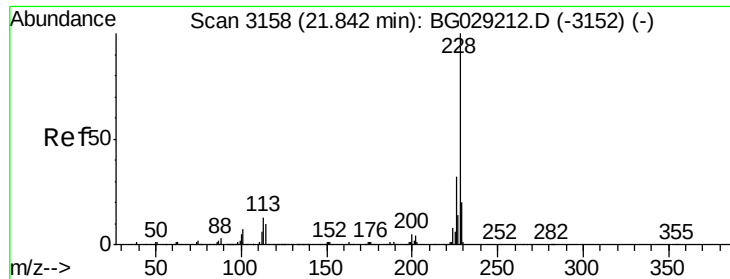
Acq: 14 Oct 2017 10:09

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	26.4	16.2	24.4#
226	25.1	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: 1.45 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

Instrument :

BNA_G

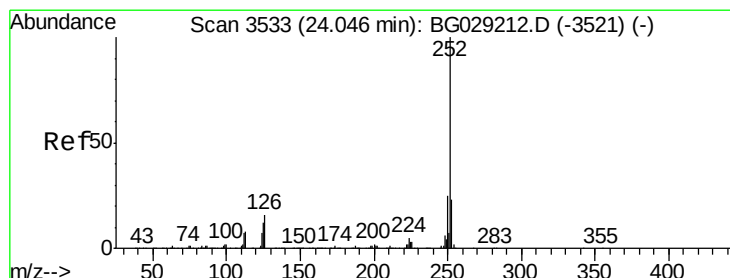
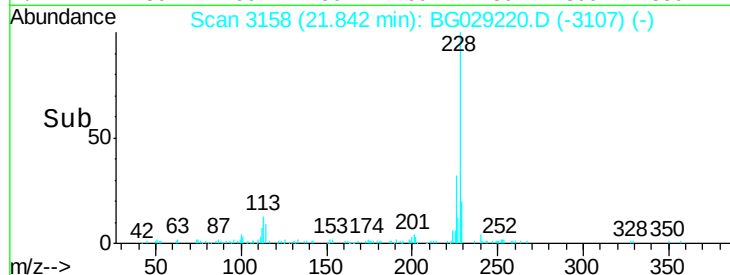
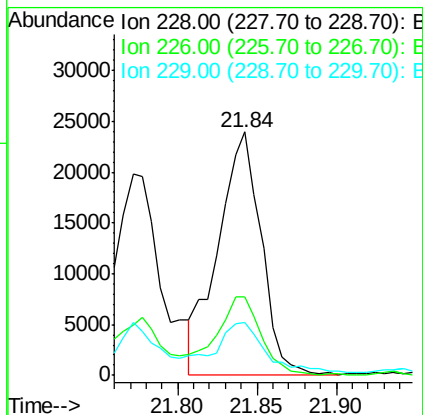
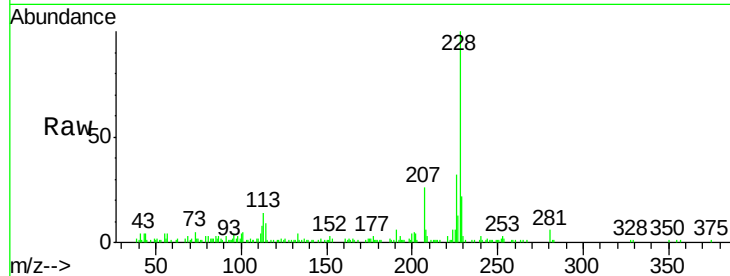
ClientSampleId :

B0C11

Tgt Ion:	228	Resp:	45254
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.2	36.2
229	22.0	15.2	22.8

Manual Integrations
APPROVED

Sohil
10/15/2017 12:32:31 PM



#85

Benzo(b)fluoranthene

Concen: 1.61 ng/ul

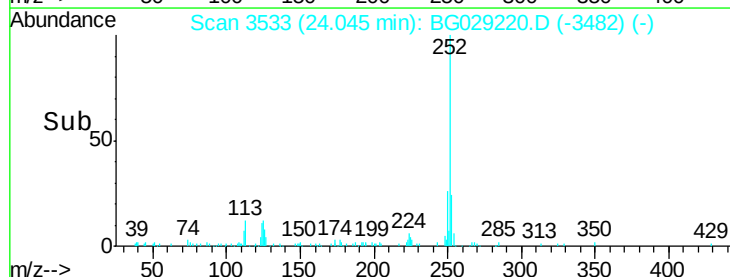
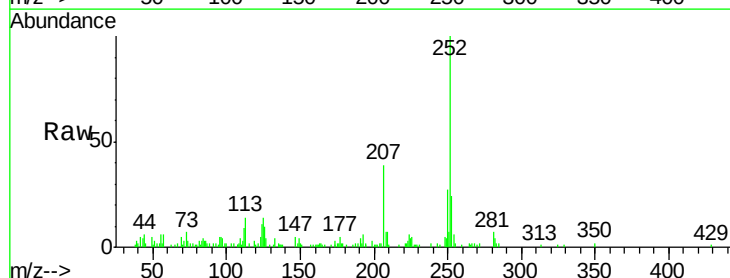
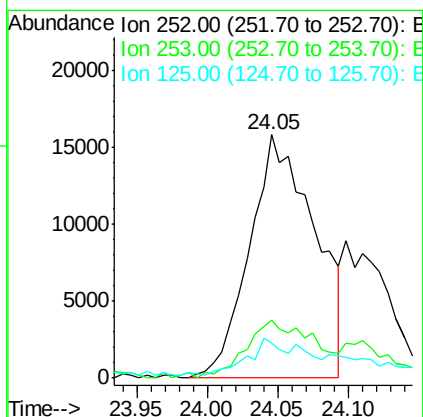
RT: 24.05 min Scan# 3533

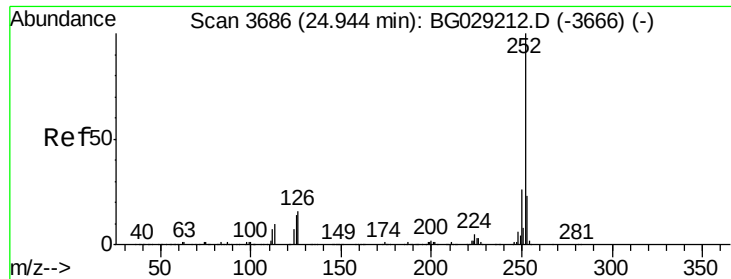
Delta R.T. -0.00 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

Tgt Ion:	252	Resp:	51219
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.0	25.4
125	14.5	7.5	11.3#





#88

Benzo(a)pyrene

Concen: 1.08 ng/ul

RT: 24.95 min Scan# 3687

Delta R.T. 0.01 min

Lab File: BG029220.D

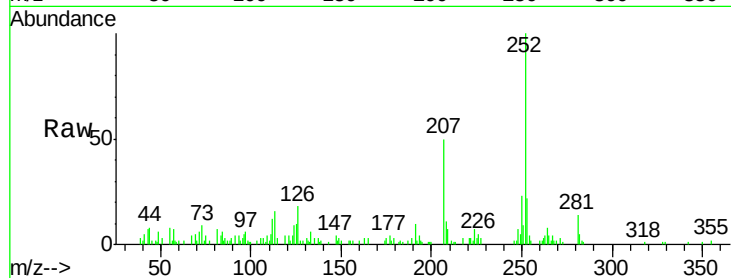
Acq: 14 Oct 2017 10:09

Instrument :

BNA_G

ClientSampleId :

B0C11



Tgt Ion:	252	Resp:	33432
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	9.7	7.8	11.8

Manual Integrations
APPROVED

Sohil
10/15/2017 12:32:31 PM

