

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047514.D
 Acq On : 2 Dec 2020 2:34
 Operator : CG/JU
 Sample : L4793-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B48

Quant Time: Dec 02 03:18:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	30202	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	119827	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	97914	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.71	188	145707	20.00	ng/ul	0.09
78) Chrysene-d12	21.89	240	283134	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	291972	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	753	0.91	ng/uL	0.00
5) Phenol-d5	7.39	99	22334	7.37	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.58	67	14707	8.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	18765	9.24	ng/ul	-0.01
13) 4-Methylphenol-d8	8.95	113	13629	5.86	ng/ul	-0.01
19) Nitrobenzene-d5	9.43	128	10277	10.38	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	10654	9.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	20819	8.42	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.21	131	21644	8.66	ng/ul	-0.01
44) Dimethylphthalate-d6	14.27	166	91454	10.88	ng/ul	-0.01
47) Acenaphthylene-d8	14.57	160	103308	10.63	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	10711	8.35	ng/ul	0.00
58) Fluorene-d10	15.86	176	85089	11.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.04	200	79	0.10	ng/ul	0.07
71) Anthracene-d10	17.71	188	145264	20.10	ng/ul	0.00
79) Pyrene-d10	19.97	212	192136	11.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	192354	11.45	ng/ul	-0.02

Target Compounds

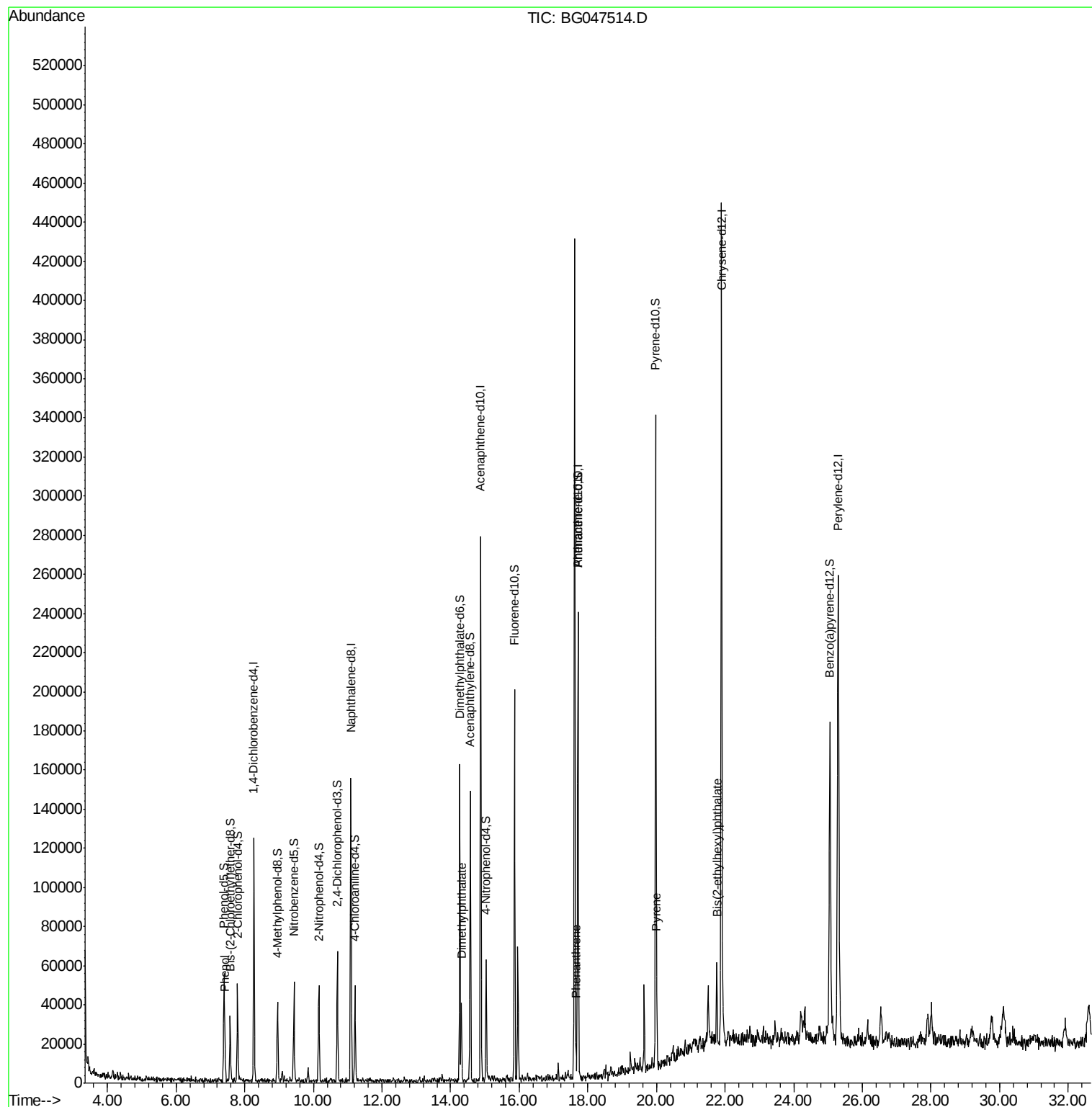
				Ovalue	
6) Phenol	7.42	94	7732	2.665	ng/ul 93
45) Dimethylphthalate	14.32	163	21106	2.462	ng/ul# 87
70) Phenanthrene	17.65	178	11195	1.423	ng/ul 96
80) Pyrene	20.01	202	25852	1.289	ng/ul# 97
84) Bis(2-ethylhexyl)phthalate	21.76	149	16708	1.702	ng/ul 93

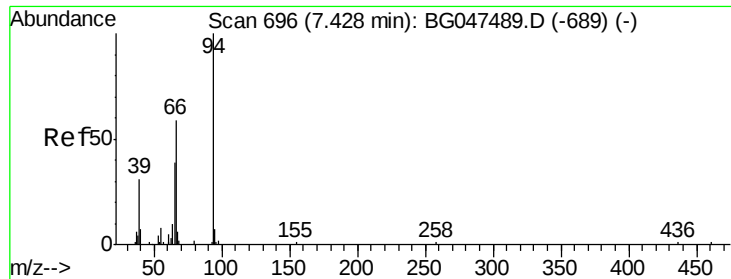
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.665 ng/ul

RT: 7.42 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG047514.D

Acq: 2 Dec 2020 2:34

Instrument :

BNA_G

ClientSampleId :

C0B48

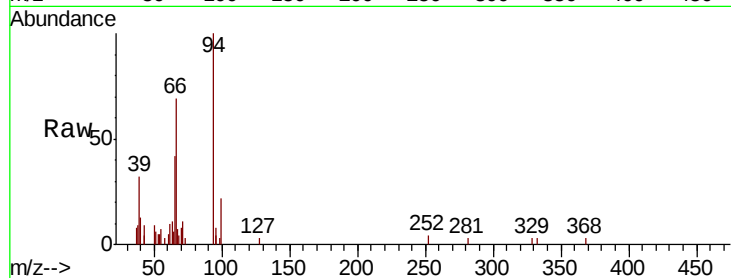
Tot Ion: 94 Resp: 7732

Ion Ratio Lower Upper

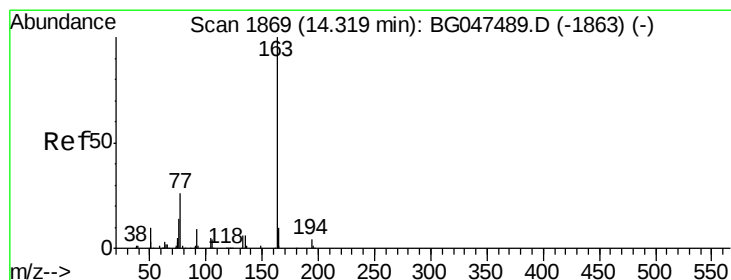
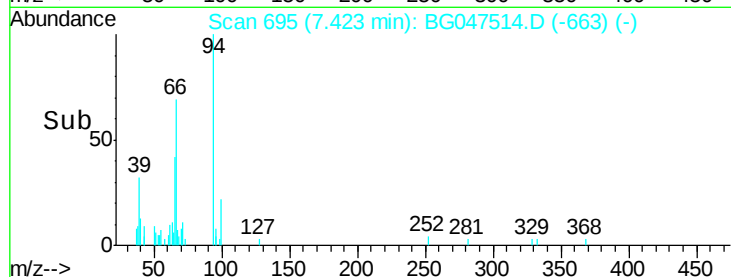
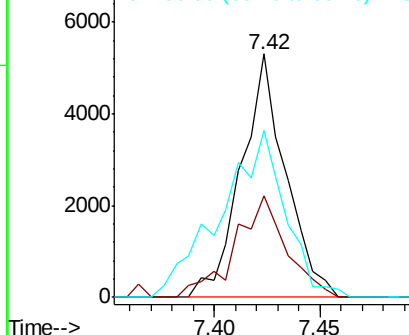
94 100

65 41.7 37.8 56.8

66 68.7 51.6 77.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 2.462 ng/ul

RT: 14.32 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG047514.D

Acq: 2 Dec 2020 2:34

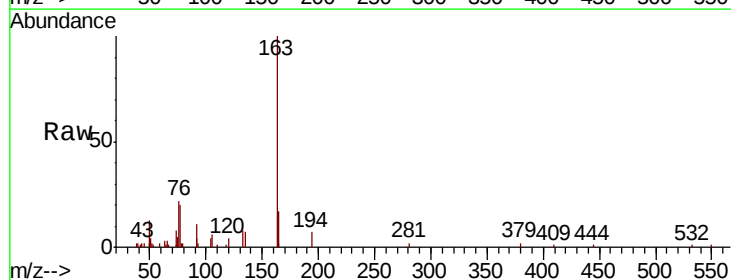
Tgt Ion:163 Resp: 21106

Ion Ratio Lower Upper

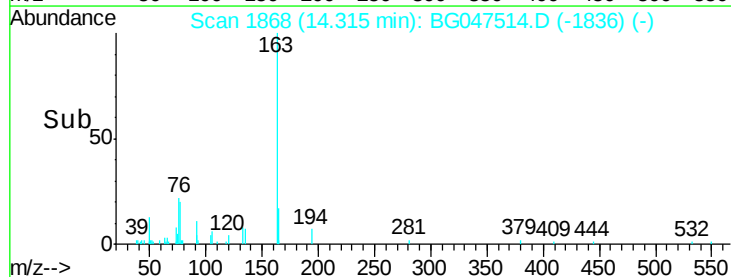
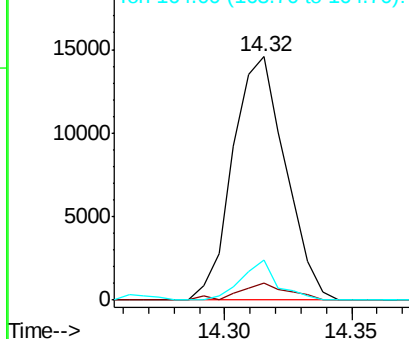
163 100

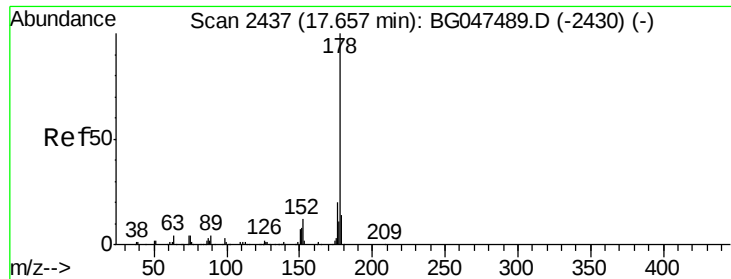
194 6.7 3.6 5.4#

164 16.7 8.5 12.7#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 1.423 ng/ul

RT: 17.65 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG047514.D

Acq: 2 Dec 2020 2:34

Instrument :

BNA_G

ClientSampleId :

C0B48

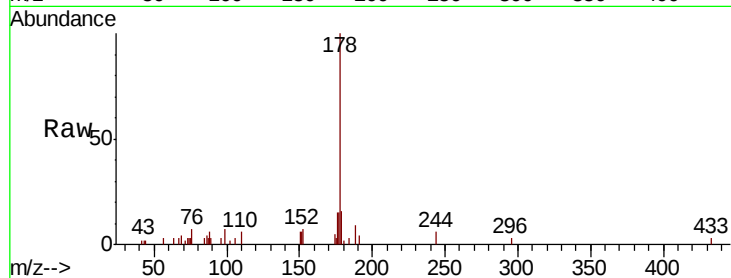
Tot Ion:178 Resp: 11195

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.6

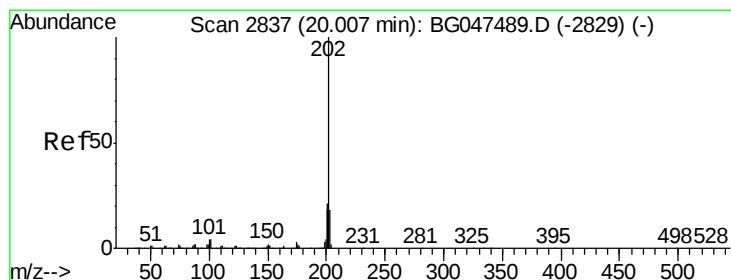
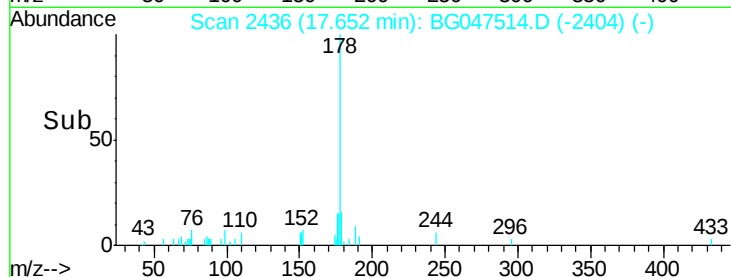
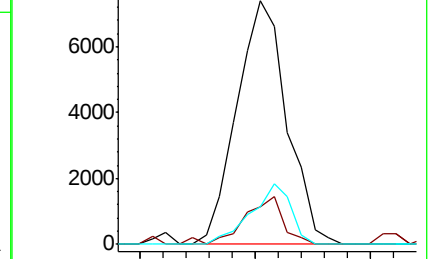
176 15.2 13.9 20.9



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



#80

Pyrene

Concen: 1.289 ng/ul

RT: 20.01 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG047514.D

Acq: 2 Dec 2020 2:34

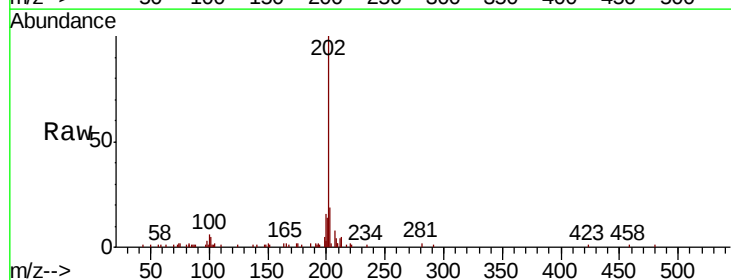
Tgt Ion:202 Resp: 25852

Ion Ratio Lower Upper

202 100

101 4.9 3.5 5.3

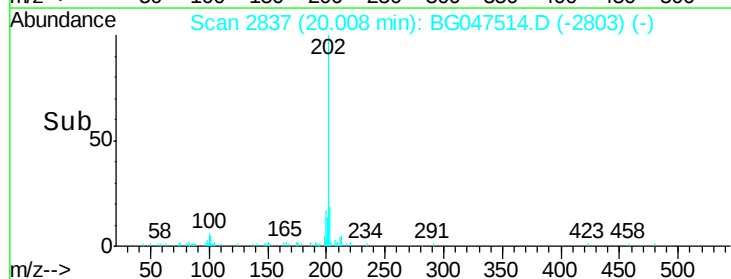
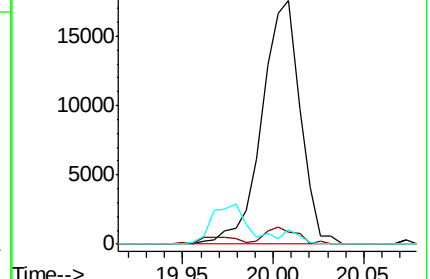
100 6.0 3.4 5.0#

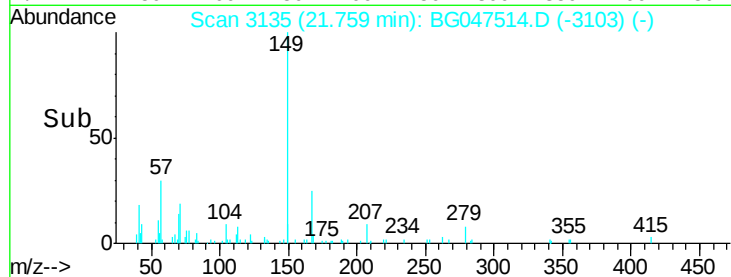
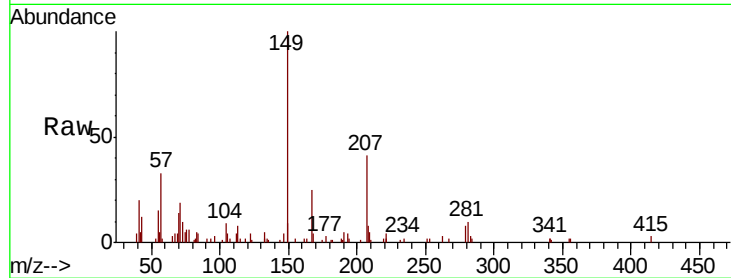
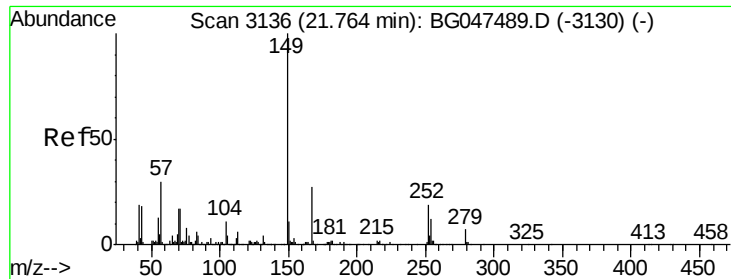


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.702 ng/ul

RT: 21.76 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG047514.D

Acq: 2 Dec 2020 2:34

Instrument :

BNA_G

ClientSampleId :

C0B48

Tot Ion:149 Resp: 16708

Ion Ratio Lower Upper

149 100

167 24.8 23.4 35.2

279 8.0 5.9 8.9

