

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047665.D
 Acq On : 9 Dec 2020 2:58
 Operator : CG/JU
 Sample : L4942-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B96

Manual Integrations
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mohammad
 12/9/2020 12:28:20 PM

Quant Time: Dec 09 04:17:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 03:54:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	25529	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	95463	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	77401	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	204185	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	209191	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	219923	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	1088	2.27	ng/uL	0.00
5) Phenol-d5	7.35	99	25585	11.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	15281	13.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	21163	12.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	20198	11.65	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	10106	12.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	13564	14.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	26568	13.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	24276	12.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	93984	13.98	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	111890	14.57	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	11642	11.68	ng/ul	0.00
58) Fluorene-d10	15.82	176	89019	14.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	16110	11.66	ng/ul	0.00
71) Anthracene-d10	17.67	188	155143	15.23	ng/ul	0.00
79) Pyrene-d10	19.94	212	195809	15.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	194221	15.12	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.37	94	3598	1.743	ng/ul#	87
45) Dimethylphthalate	14.27	163	20755	3.048	ng/ul	99
70) Phenanthrene	17.61	178	27054	2.445	ng/ul	97
77) Fluoranthene	19.61	202	70675	5.019	ng/ul	99
80) Pyrene	19.97	202	58999	3.878	ng/ul	99
83) Benzo(a)anthracene	21.82	228	36942m	2.472	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.72	149	11307	1.591	ng/ul	94
85) Chrysene	21.89	228	35844	2.541	ng/ul	94
88) Benzo(b)fluoranthene	24.14	252	42927m	2.796	ng/ul	
89) Benzo(k)fluoranthene	24.21	252	17469	1.148	ng/ul	96
91) Benzo(a)pyrene	25.05	252	30378	2.194	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.05	276	19636m	1.163	ng/ul	
94) Benzo(g,h,i)perylene	30.25	276	16202m	1.169	ng/ul	

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

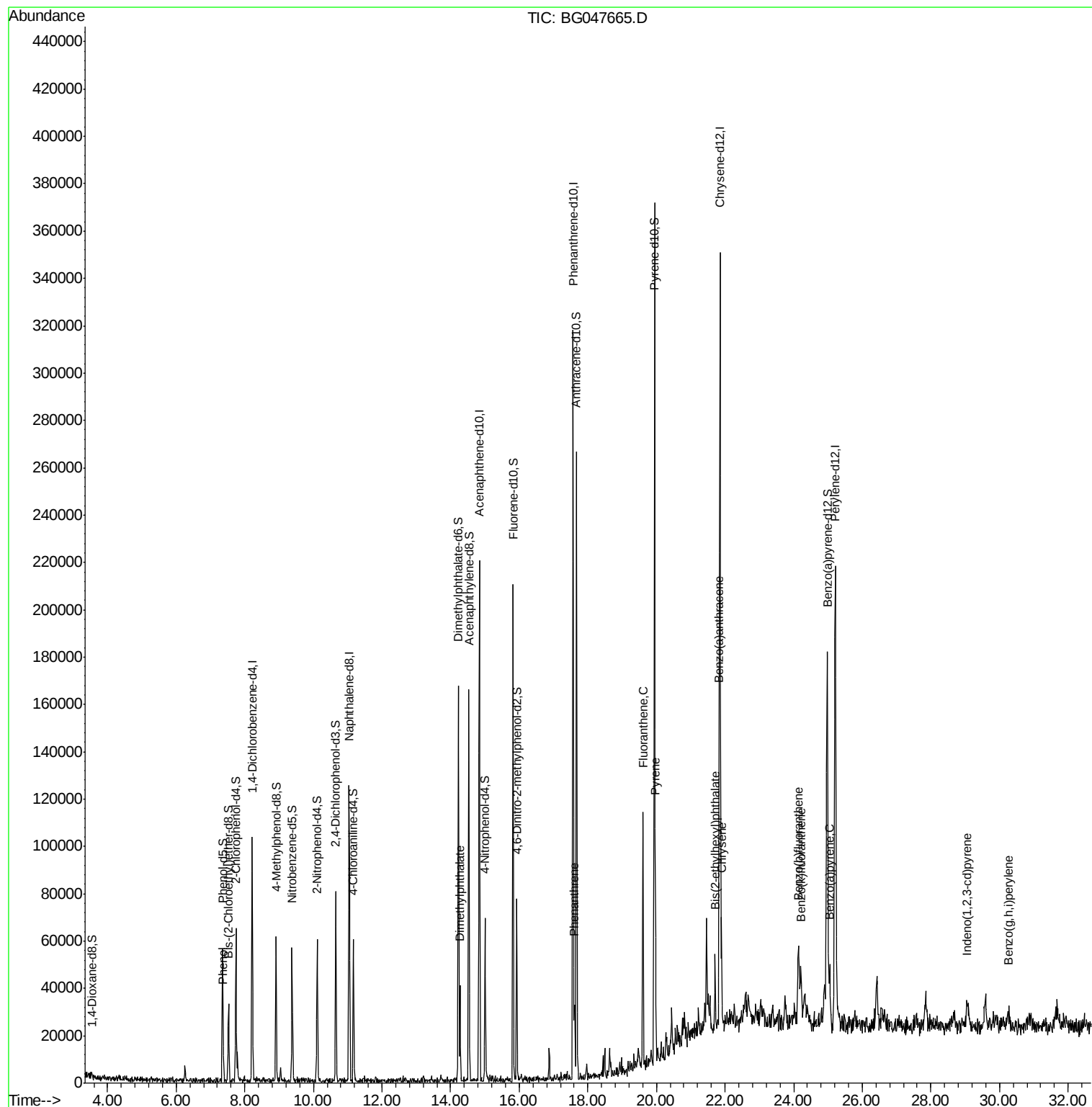
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047665.D
Acq On : 9 Dec 2020 2:58
Operator : CG/JU
Sample : L4942-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

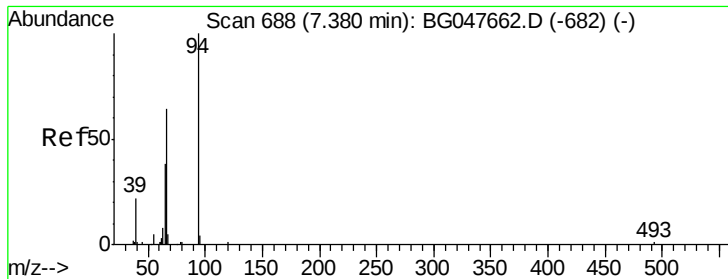
Instrument :
BNA_G
ClientSampleId :
C0B96

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Quant Time: Dec 09 04:17:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.743 ng/ul

RT: 7.37 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG047665.D

Acq: 9 Dec 2020 2:58

Instrument :

BNA_G

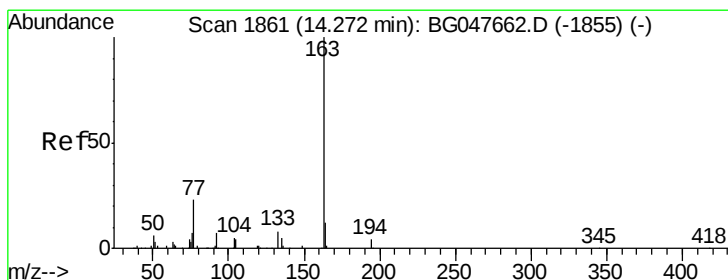
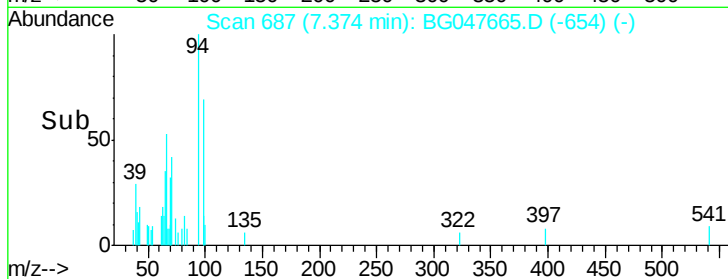
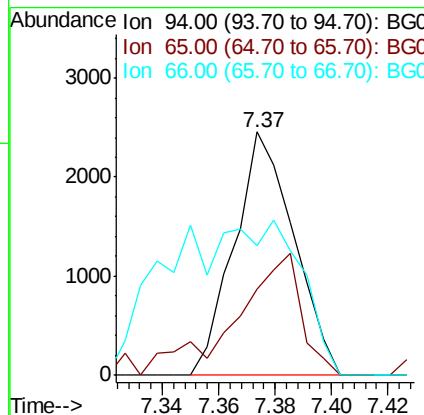
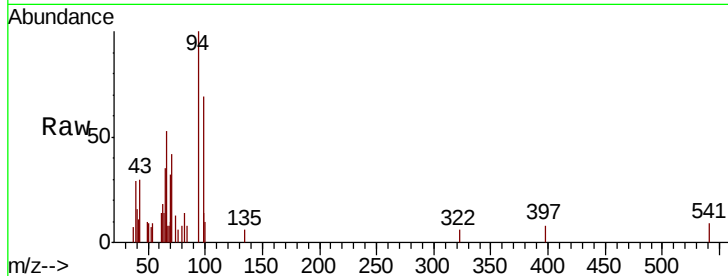
ClientSampleId :

C0B96

Tot Ion:	94	Resp:	3598
Ion	Ratio	Lower	Upper
94	100		
65	35.4	35.9	53.9#
66	53.2	50.1	75.1

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#45

Dimethylphthalate

Concen: 3.048 ng/ul

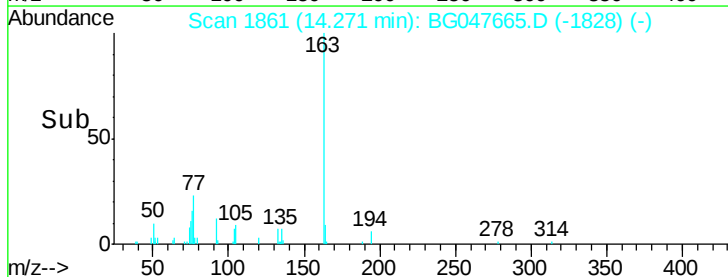
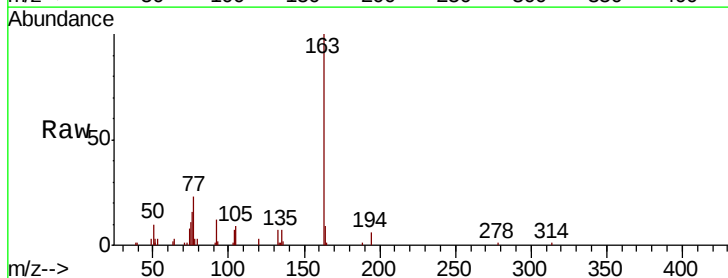
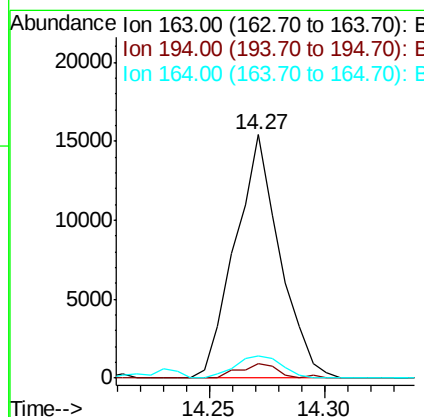
RT: 14.27 min Scan# 1861

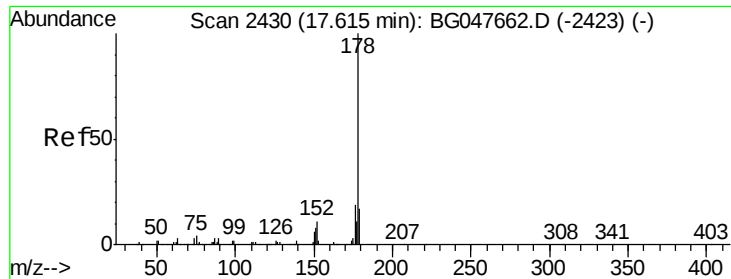
Delta R.T. -0.01 min

Lab File: BG047665.D

Acq: 9 Dec 2020 2:58

Tgt Ion:	163	Resp:	20755
Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.9	5.9
164	9.4	7.4	11.2





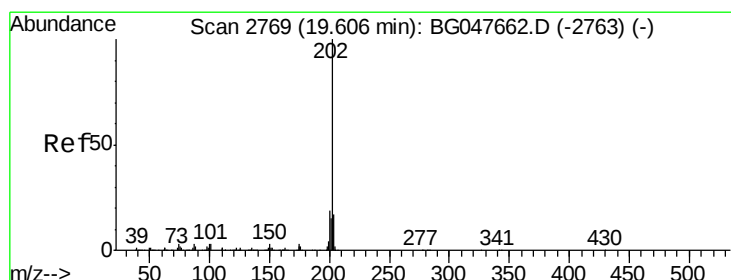
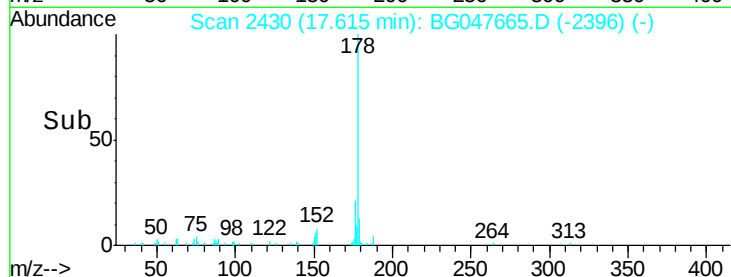
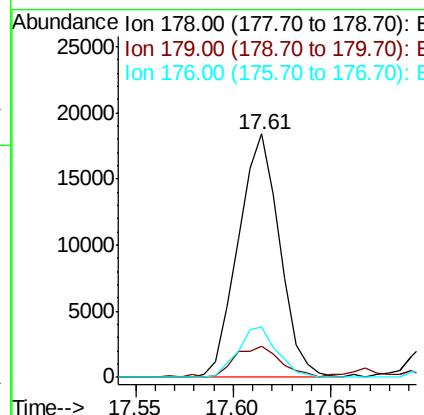
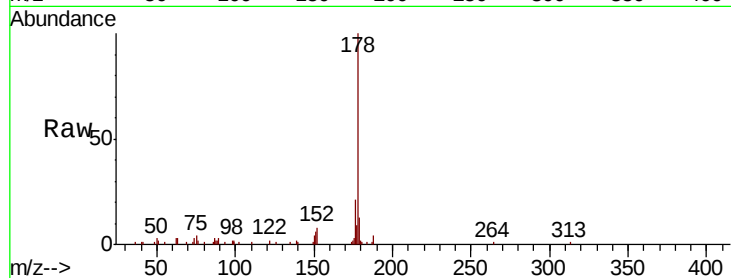
#70
Phenanthrene
Concen: 2.445 ng/ul
RT: 17.61 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG047665.D
Acq: 9 Dec 2020 2:58

Instrument :
BNA_G
ClientSampled :
C0B96

Tot Ion:178	Resp:	27054
Ion Ratio	Lower	Upper
178	100	
179	12.5	11.6 17.4
176	20.9	15.8 23.8

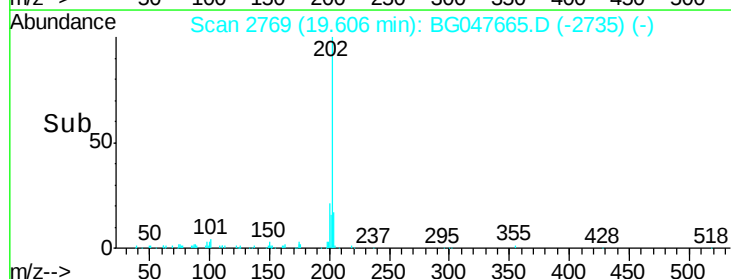
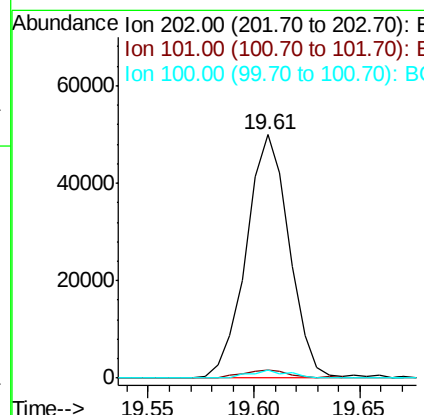
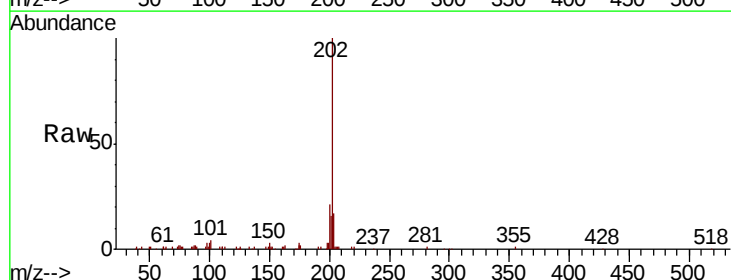
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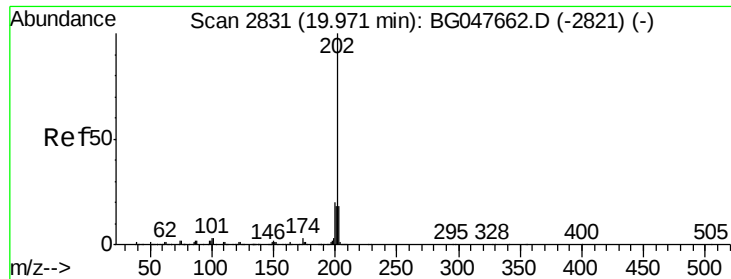
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#77
Fluoranthene
Concen: 5.019 ng/ul
RT: 19.61 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BG047665.D
Acq: 9 Dec 2020 2:58

Tgt Ion:202	Resp:	70675
Ion Ratio	Lower	Upper
202	100	
101	3.5	2.4 3.6
100	3.4	2.6 3.8





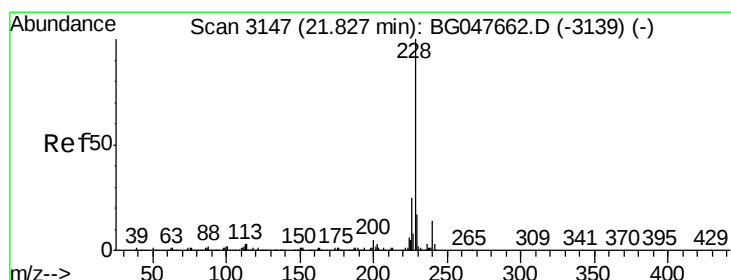
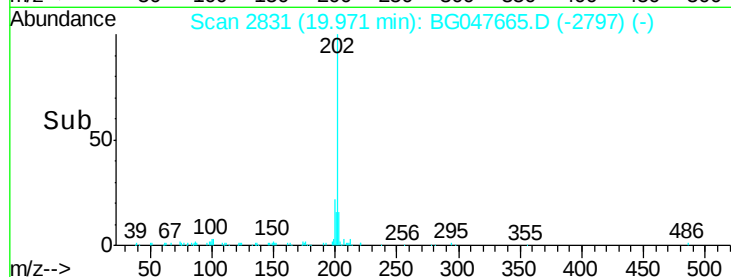
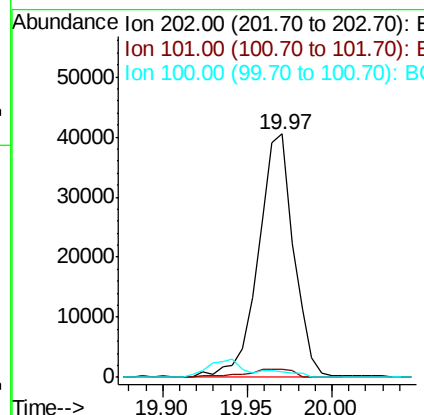
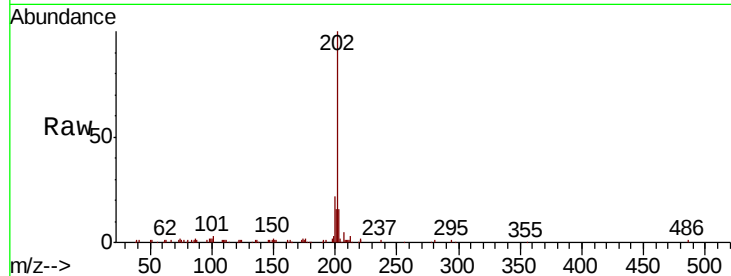
#80
Pvrene
Concen: 3.878 ng/ul
RT: 19.97 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG047665.D
Acq: 9 Dec 2020 2:58

Instrument :
BNA_G
ClientSampled :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.4	2.5	3.7
100	2.5	2.4	3.6

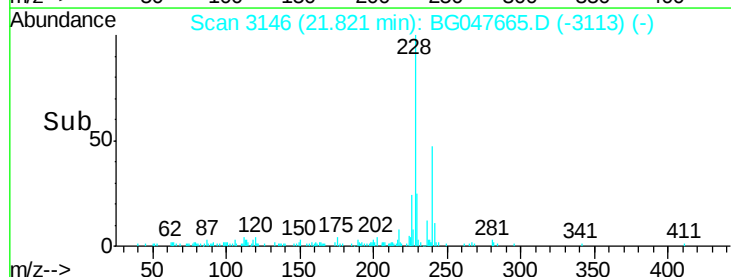
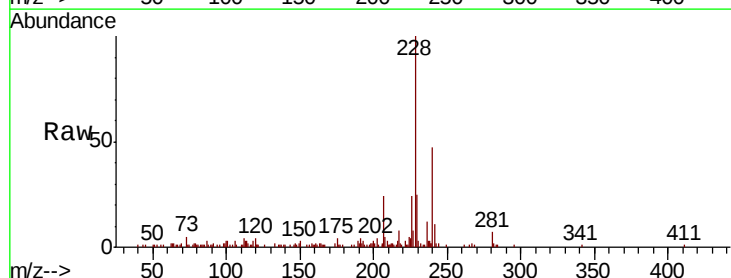
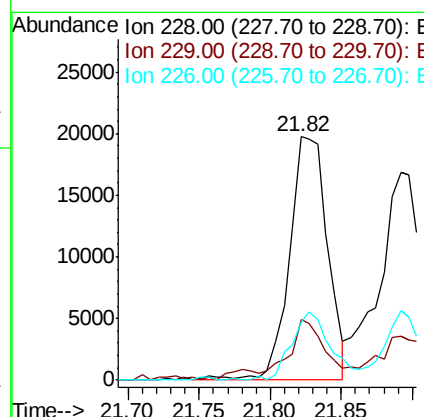
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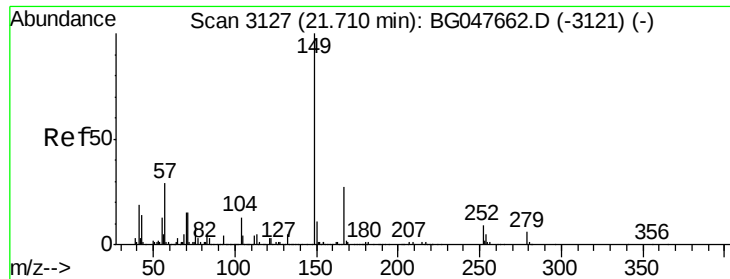
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#83
Benzo(a)anthracene
Concen: 2.472 ng/ul m
RT: 21.82 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG047665.D
Acq: 9 Dec 2020 2:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.7	16.0	24.0#
226	23.8	22.4	33.6





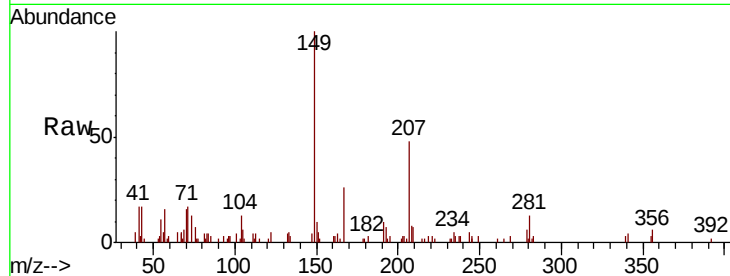
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.591 ng/ul
 RT: 21.72 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: BG047665.D
 Acq: 9 Dec 2020 2:58

Instrument :
 BNA_G
 ClientSampled :
 C0B96

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	23.8	35.6
279	6.1	5.3	7.9

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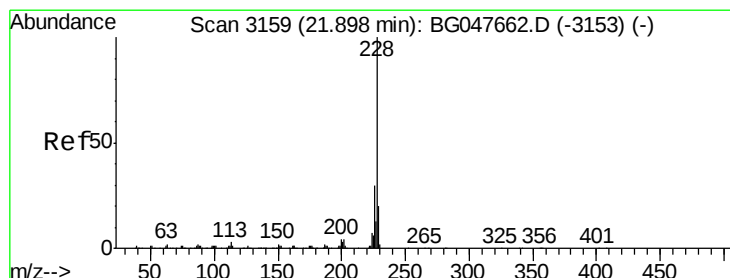
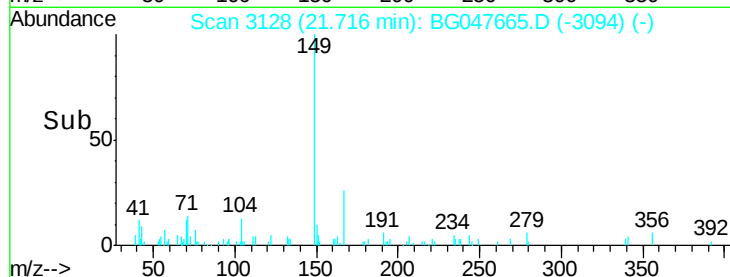
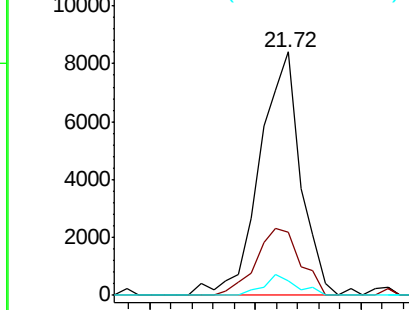


Abundance

Ion 149.00 (148.70 to 149.70): E

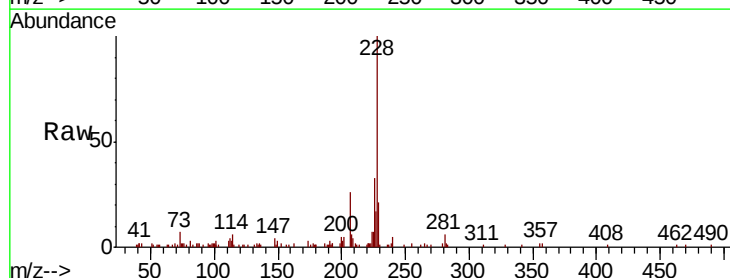
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Chrysene
 Concen: 2.541 ng/ul
 RT: 21.89 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG047665.D
 Acq: 9 Dec 2020 2:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.0	34.4
229	21.3	15.8	23.8

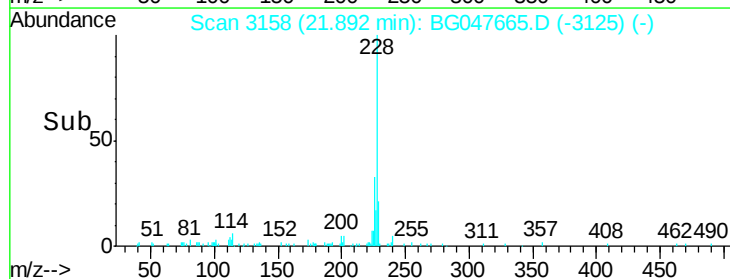
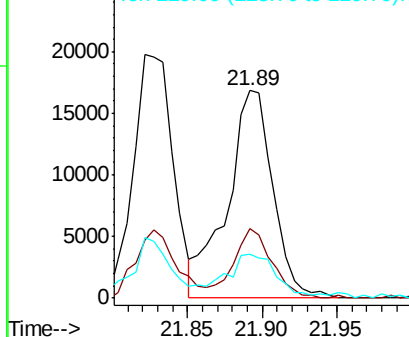


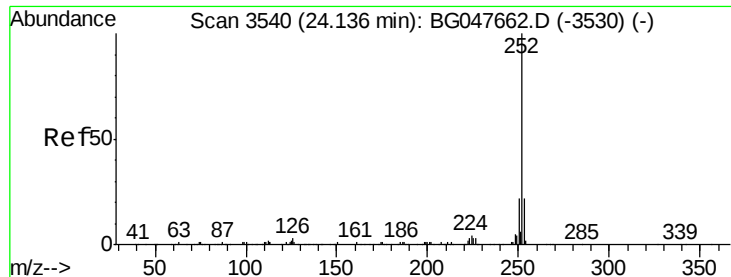
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.796 ng/ul m

RT: 24.14 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BG047665.D

Acq: 9 Dec 2020 2:58

Instrument :

BNA_G

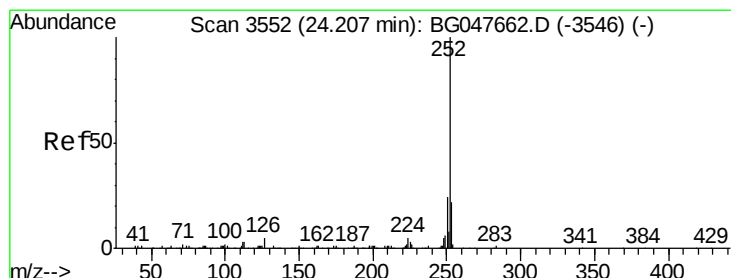
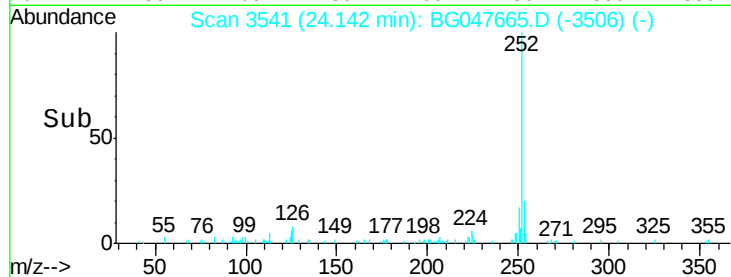
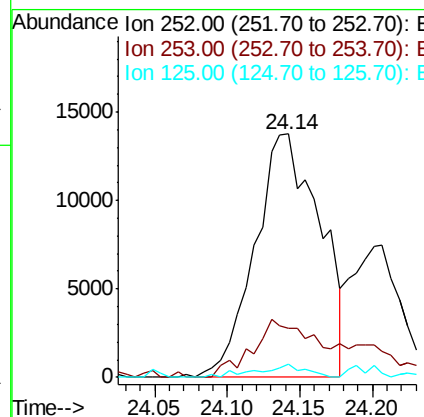
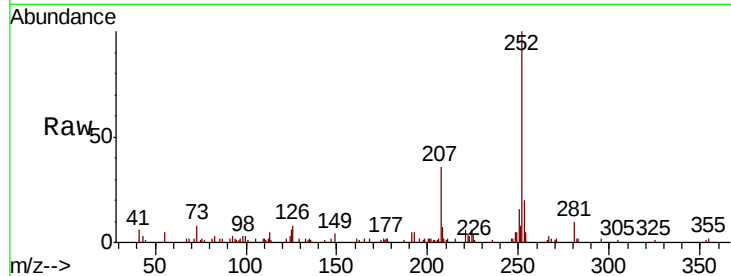
ClientSampleId :

C0B96

Tot Ion:	252	Resp:	42927
Ion Ratio	Lower	Upper	
252	100		
253	19.9	18.7	28.1
125	5.6	2.6	3.8#

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#89

Benzo(k)fluoranthene

Concen: 1.148 ng/ul

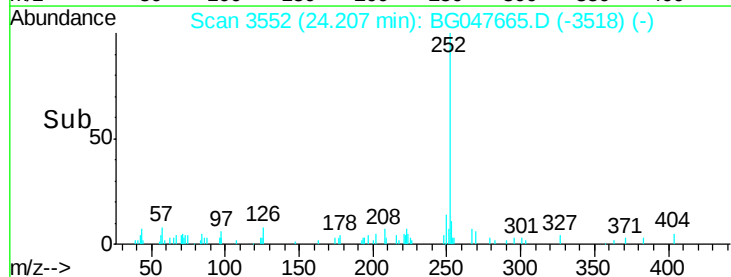
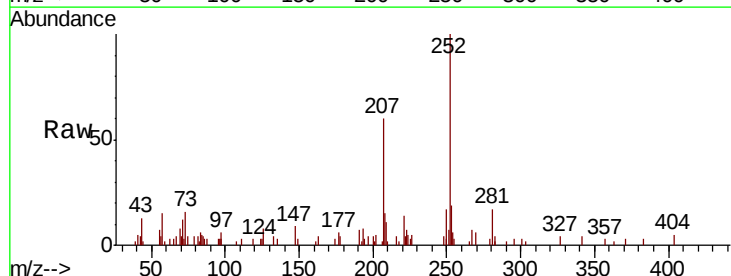
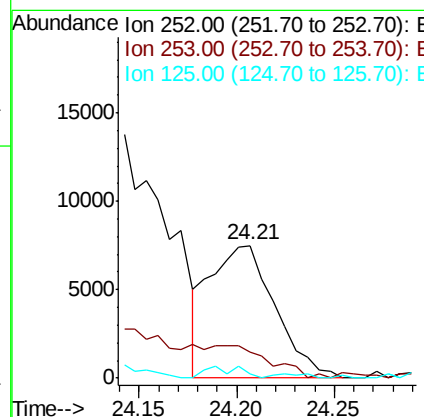
RT: 24.21 min Scan# 3552

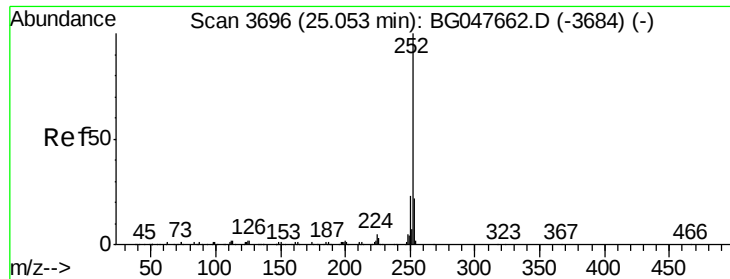
Delta R.T. -0.00 min

Lab File: BG047665.D

Acq: 9 Dec 2020 2:58

Tgt Ion:	252	Resp:	17469
Ion Ratio	Lower	Upper	
252	100		
253	19.2	16.9	25.3
125	3.2	2.2	3.4





#91

Benzo(a)pyrene

Concen: 2.194 ng/ul

RT: 25.05 min Scan# 3696

Delta R.T. -0.00 min

Lab File: BG047665.D

Acq: 9 Dec 2020 2:58

Instrument :

BNA_G

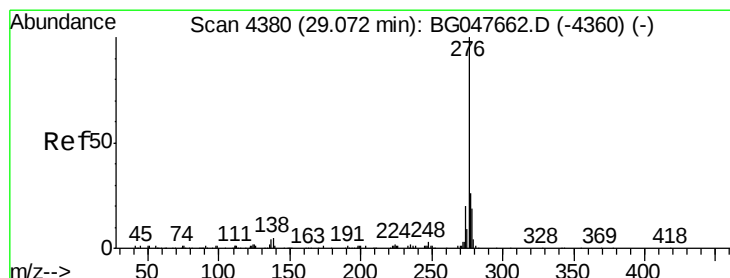
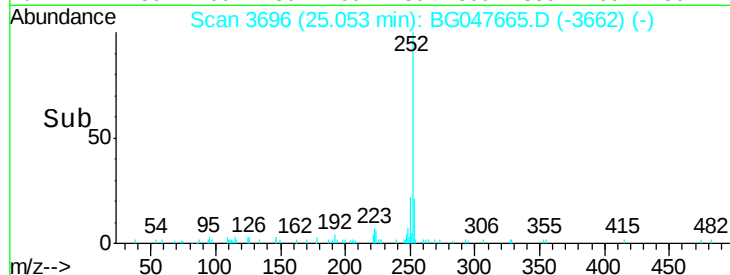
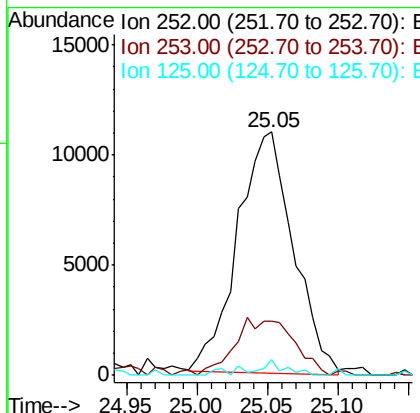
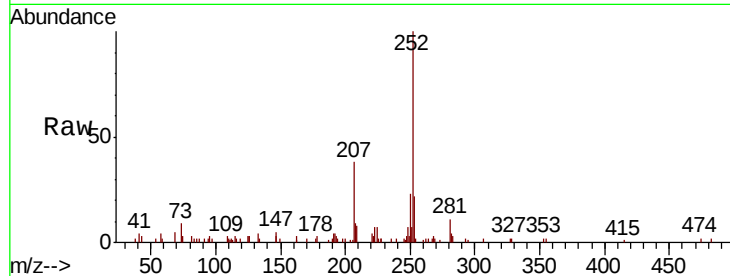
ClientSampleId :

C0B96

Tot Ion:	252	Resp:	30378
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.9	25.3
125	6.4	2.6	3.8#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.163 ng/ul m

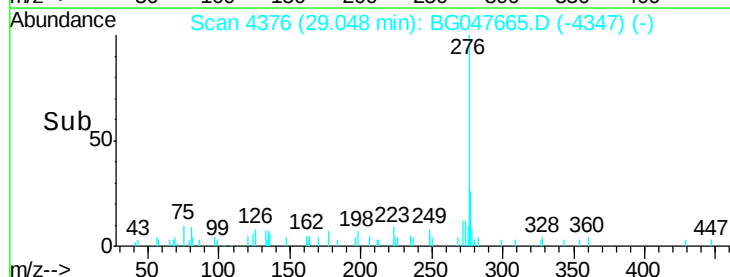
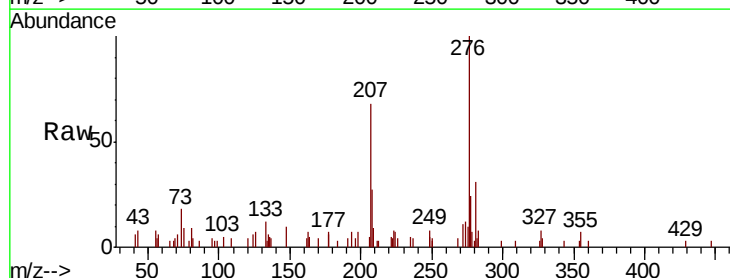
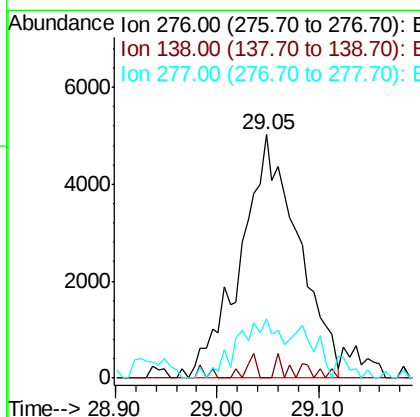
RT: 29.05 min Scan# 4376

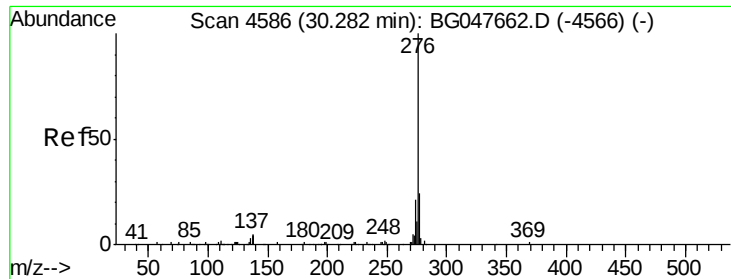
Delta R.T. -0.03 min

Lab File: BG047665.D

Acq: 9 Dec 2020 2:58

Tgt Ion:	276	Resp:	19636
Ion Ratio	Lower	Upper	
276	100		
138	0.0	3.3	4.9#
277	24.3	18.6	27.8





#94
 Benzo(a,h,i)perylene
 Concen: 1.169 ng/ul m
 RT: 30.25 min Scan# 4581
 Delta R.T. -0.02 min
 Lab File: BG047665.D
 Acq: 9 Dec 2020 2:58

Instrument :
 BNA_G
 ClientSampleId :
 C0B96

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.8	4.7	7.1
277	20.4	21.9	32.9

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