

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047688.D
 Acq On : 10 Dec 2020 1:23
 Operator : CG/JU
 Sample : L4941-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B28

Manual Integrations
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mohammad
 12/10/2020 8:38:21 AM

Quant Time: Dec 10 03:53:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 02:00:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	32772	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	129573	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	101692	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	263573	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	253115	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	267659	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1081	1.76	ng/uL	0.00
5) Phenol-d5	7.35	99	32471	11.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	17465	12.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	24236	11.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	18881	8.48	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	13566	12.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	14502	11.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	29889	10.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	29655	11.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	104161	11.79	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	126734	12.56	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	14017	10.70	ng/ul	0.00
58) Fluorene-d10	15.82	176	99420	12.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	15035	8.43	ng/ul	0.00
71) Anthracene-d10	17.67	188	160395	12.20	ng/ul	0.00
79) Pyrene-d10	19.94	212	192822	12.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.97	264	197098	12.61	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.38	94	5763	2.175	ng/ul	89
45) Dimethylphthalate	14.27	163	12123	1.355	ng/ul#	96
70) Phenanthrene	17.61	178	91649	6.415	ng/ul	97
72) Anthracene	17.71	178	18602	1.306	ng/ul	97
77) Fluoranthene	19.61	202	199268	10.963	ng/ul#	98
80) Pyrene	19.97	202	160507	8.719	ng/ul	99
83) Benzo(a)anthracene	21.83	228	89095	4.927	ng/ul	97
85) Chrysene	21.90	228	85945m	5.036	ng/ul	
88) Benzo(b)fluoranthene	24.15	252	113040	6.050	ng/ul	94
89) Benzo(k)fluoranthene	24.21	252	36573m	1.975	ng/ul	
91) Benzo(a)pyrene	25.05	252	71709	4.256	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.06	276	50611m	2.463	ng/ul	
94) Benzo(g,h,i)perylene	30.29	276	39605m	2.348	ng/ul	

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

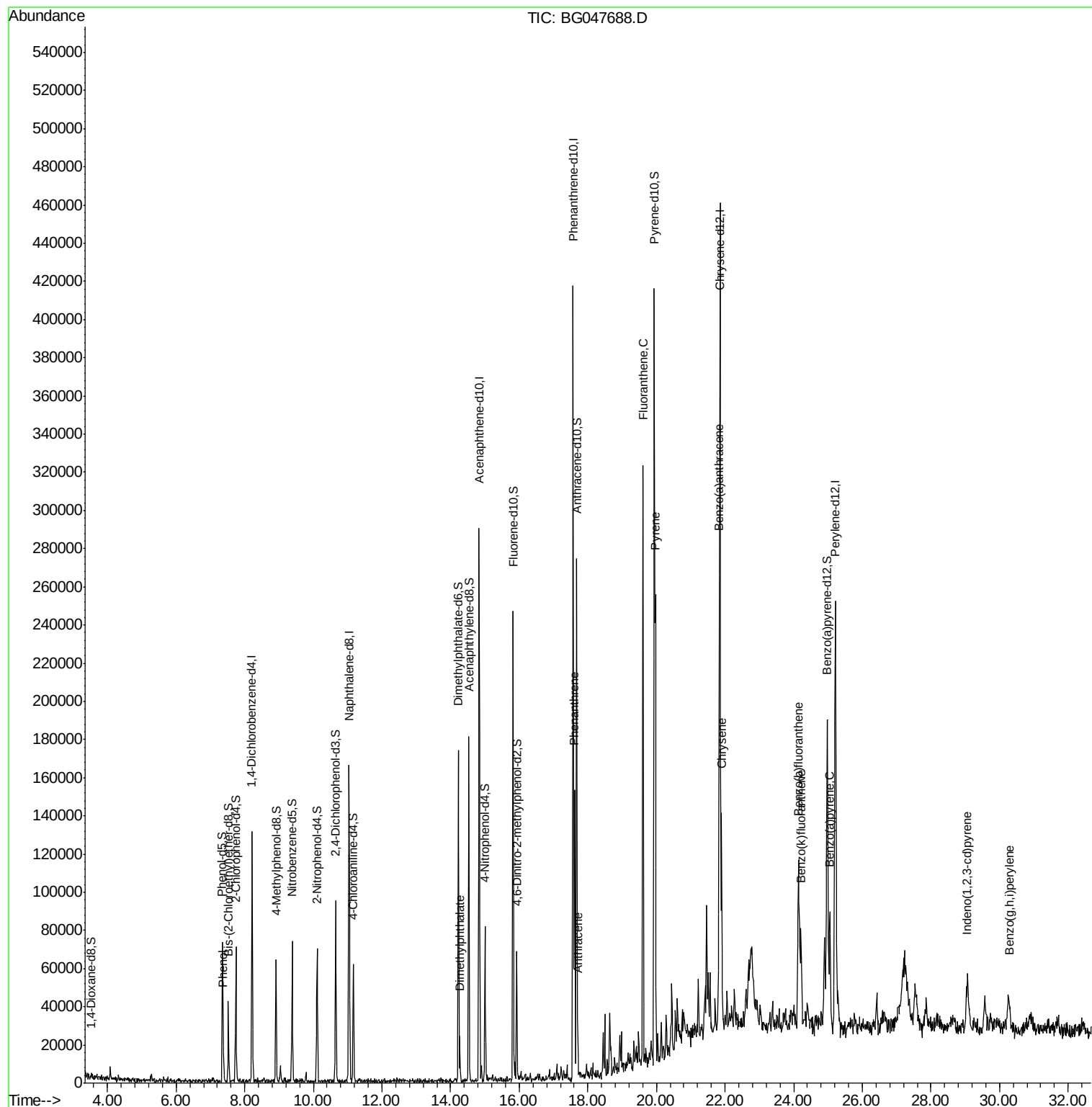
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047688.D
Acq On : 10 Dec 2020 1:23
Operator : CG/JU
Sample : L4941-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

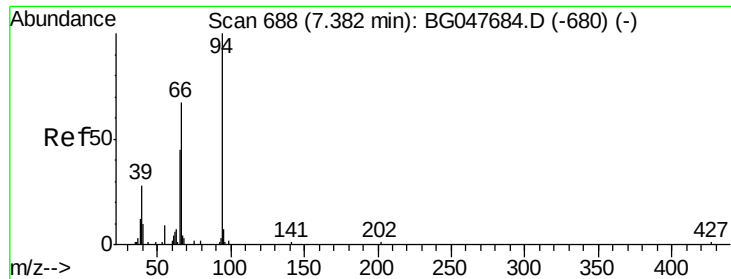
Instrument :
BNA_G
ClientSampleId :
C0B28

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Quant Time: Dec 10 03:53:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 02:00:48 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.175 ng/ul

RT: 7.38 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG047688.D

Acq: 10 Dec 2020 1:23

Instrument :

BNA_G

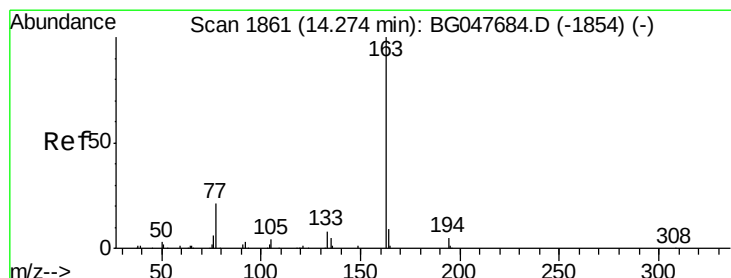
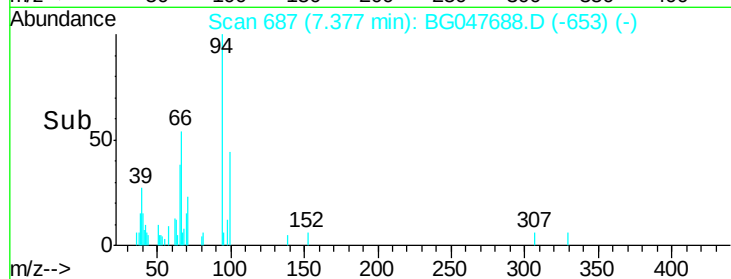
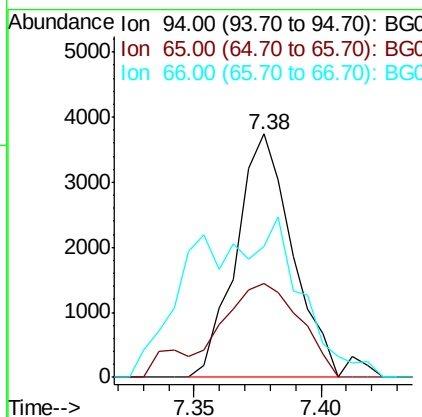
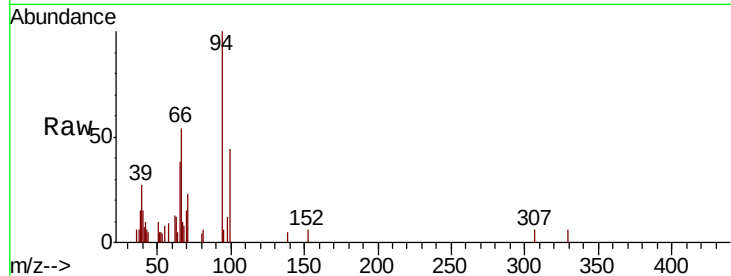
ClientSampleId :

C0B28

Tot Ion:	94	Resp:	5763
Ion	Ratio	Lower	Upper
94	100		
65	38.5	35.9	53.9
66	53.8	50.1	75.1

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#45

Dimethylphthalate

Concen: 1.355 ng/ul

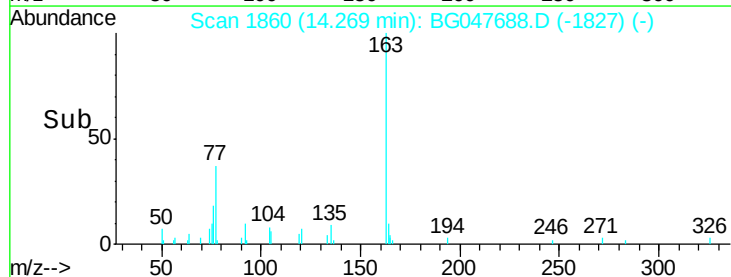
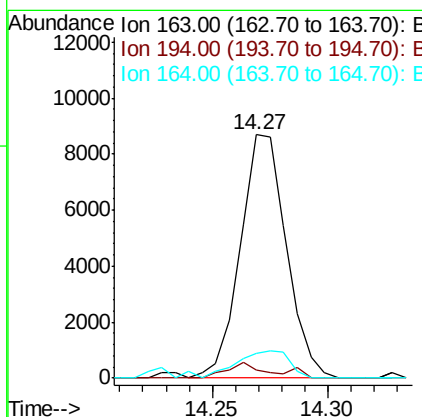
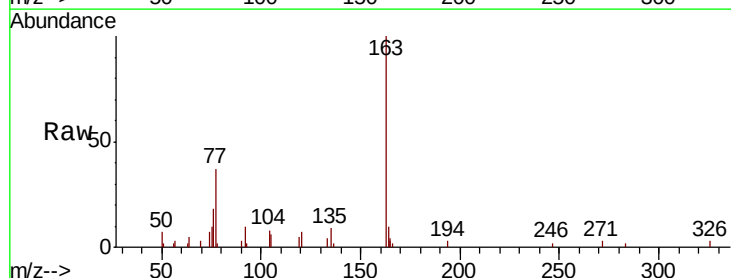
RT: 14.27 min Scan# 1860

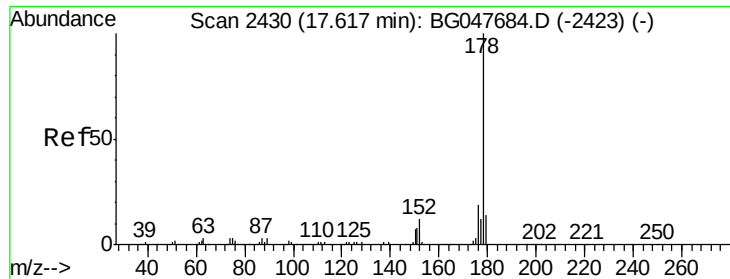
Delta R.T. -0.01 min

Lab File: BG047688.D

Acq: 10 Dec 2020 1:23

Tgt Ion:	163	Resp:	12123
Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.9	5.9#
164	10.4	7.4	11.2





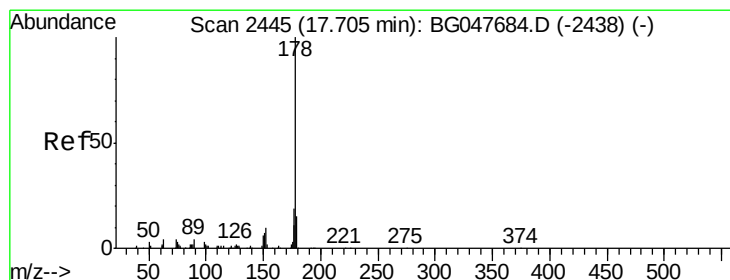
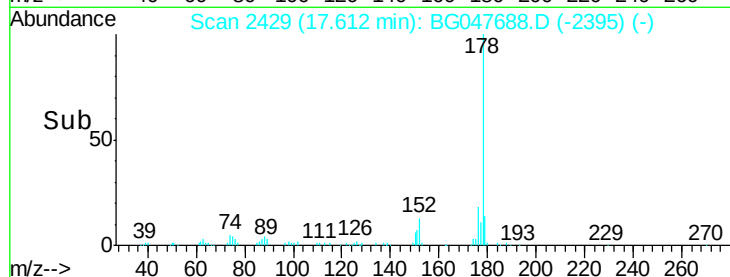
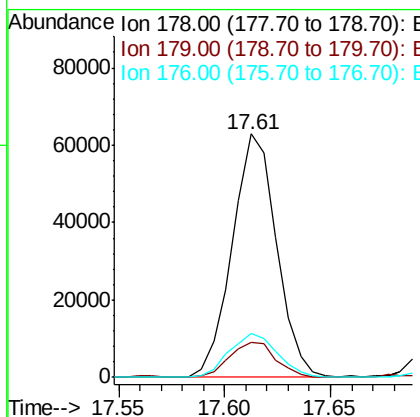
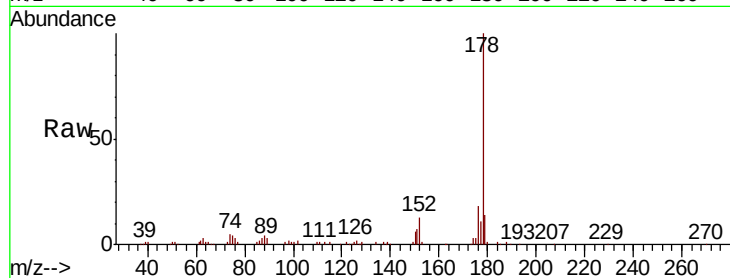
#70
 Phenanthrene
 Concen: 6.415 ng/ul
 RT: 17.61 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BG047688.D
 Acq: 10 Dec 2020 1:23

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.6	17.4
176	17.8	15.8	23.8

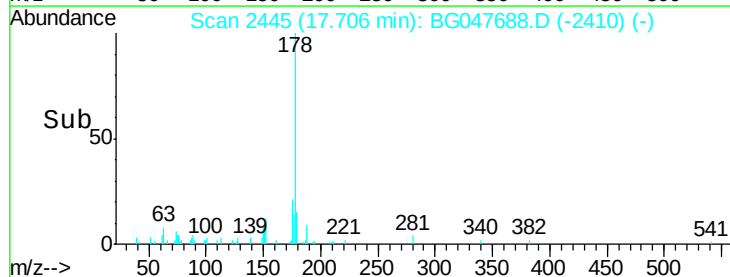
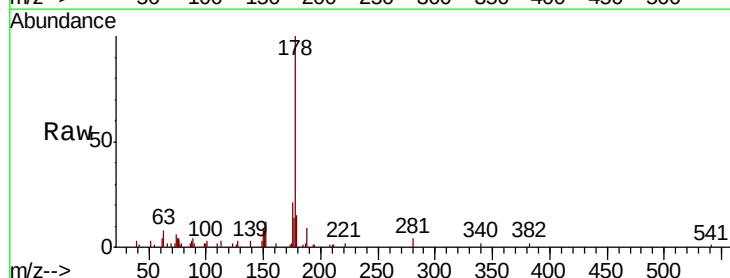
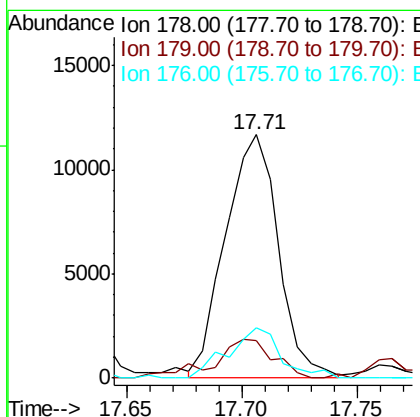
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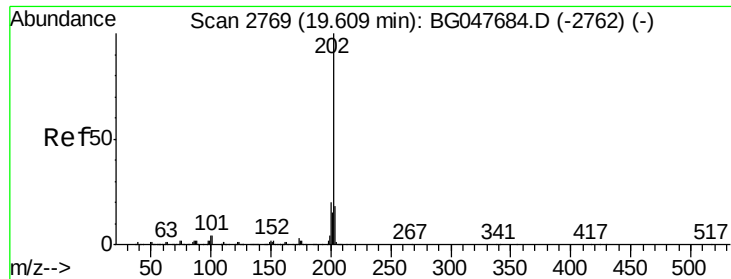
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#72
 Anthracene
 Concen: 1.306 ng/ul
 RT: 17.71 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG047688.D
 Acq: 10 Dec 2020 1:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.2	21.2
176	20.7	16.7	25.1





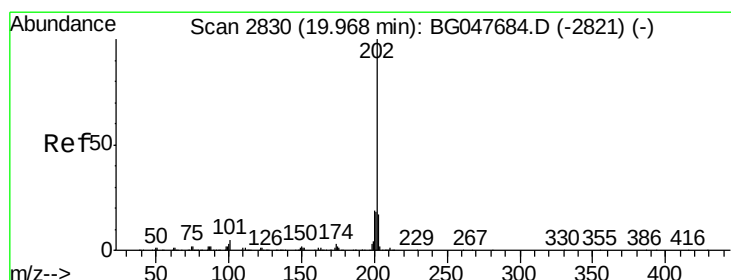
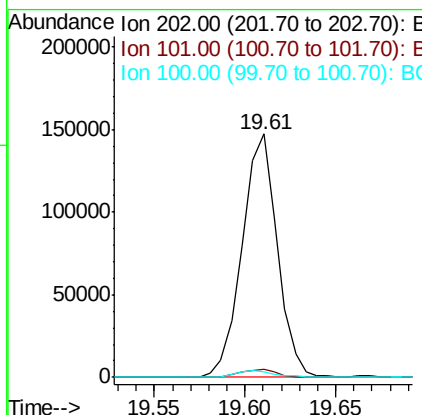
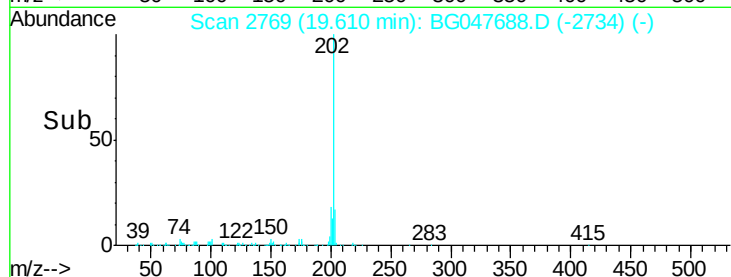
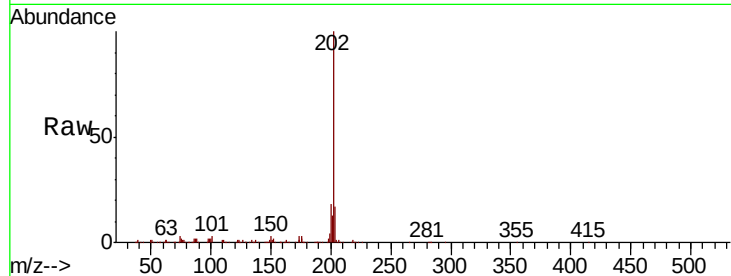
#77
Fluoranthene
Concen: 10.963 ng/ul
RT: 19.61 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BG047688.D
Acq: 10 Dec 2020 1:23

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.5	2.4	3.6
100	2.4	2.6	3.8#

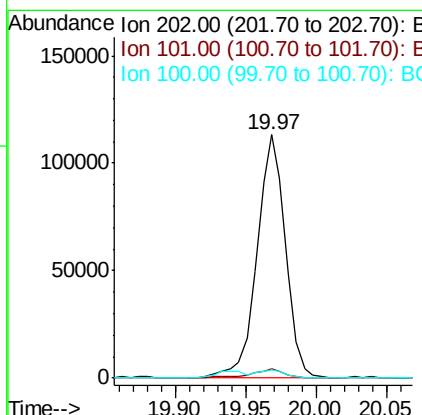
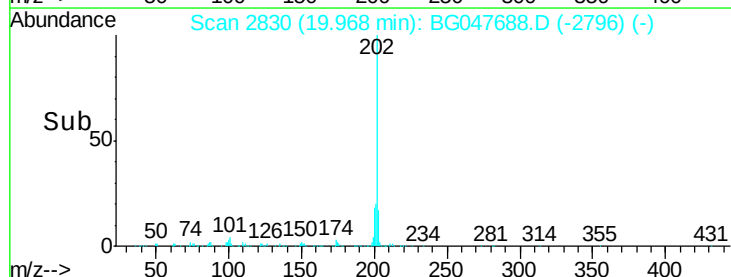
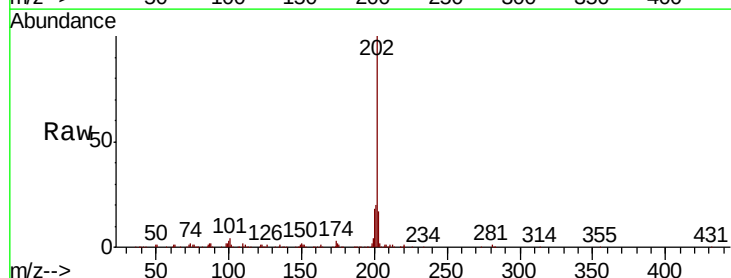
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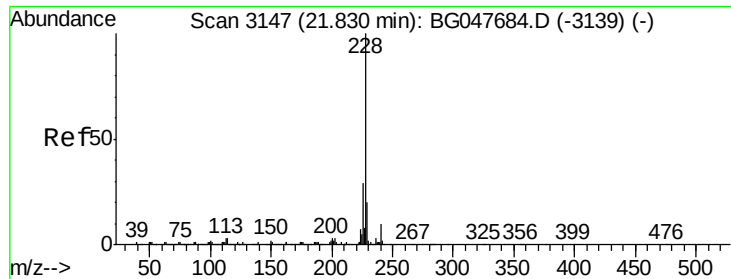
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#80
Pyrene
Concen: 8.719 ng/ul
RT: 19.97 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG047688.D
Acq: 10 Dec 2020 1:23

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	3.7	2.5	3.7
100	3.4	2.4	3.6





#83

Benzo(a)anthracene

Concen: 4.927 ng/ul

RT: 21.83 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG047688.D

Acq: 10 Dec 2020 1:23

Instrument :

BNA_G

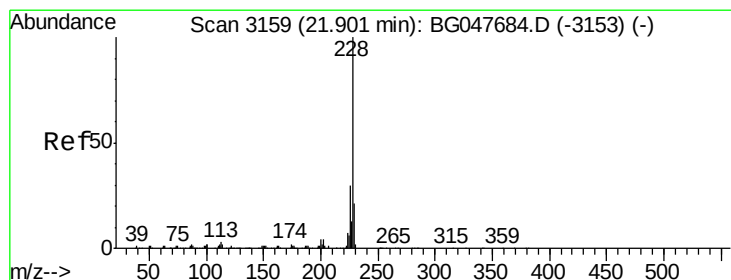
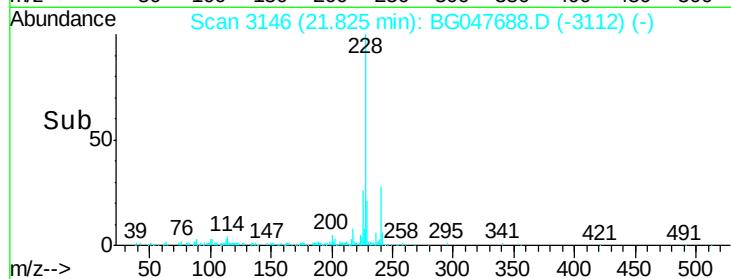
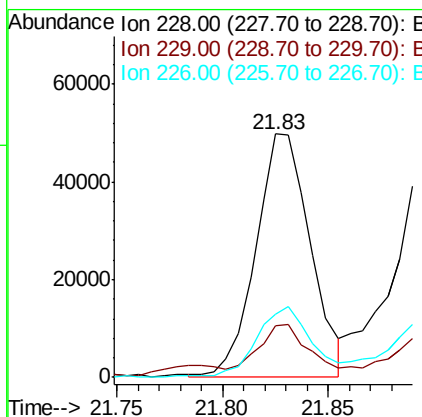
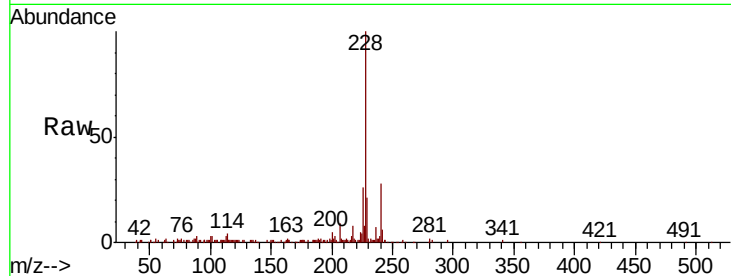
ClientSampleId :

C0B28

Tot Ion:228	Resp:	89095
Ion Ratio	Lower	Upper
228 100		
229 21.4	16.0	24.0
226 26.2	22.4	33.6

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#85

Chrysene

Concen: 5.036 ng/ul m

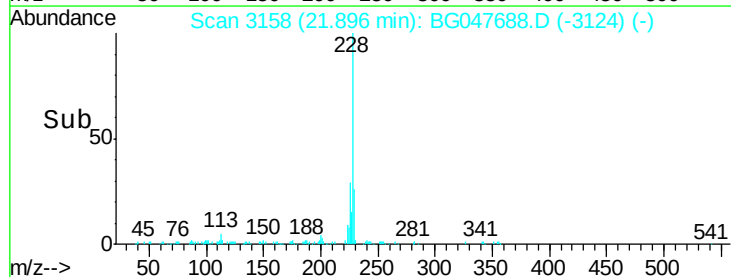
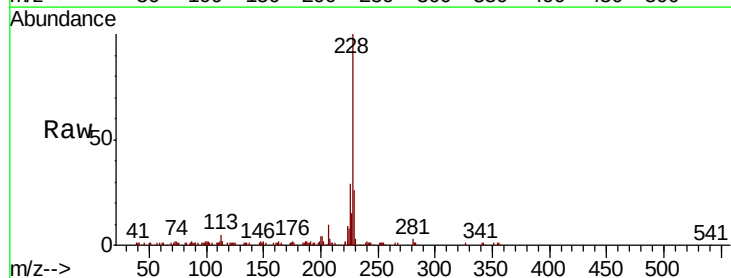
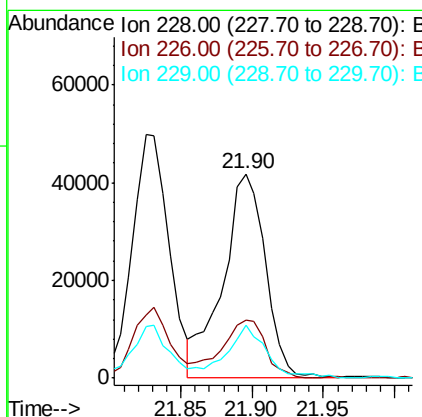
RT: 21.90 min Scan# 3158

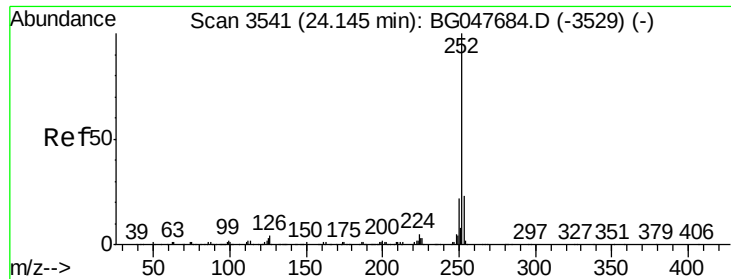
Delta R.T. -0.00 min

Lab File: BG047688.D

Acq: 10 Dec 2020 1:23

Tgt Ion:228	Resp:	85945
Ion Ratio	Lower	Upper
228 100		
226 28.7	23.0	34.4
229 25.8	15.8	23.8#





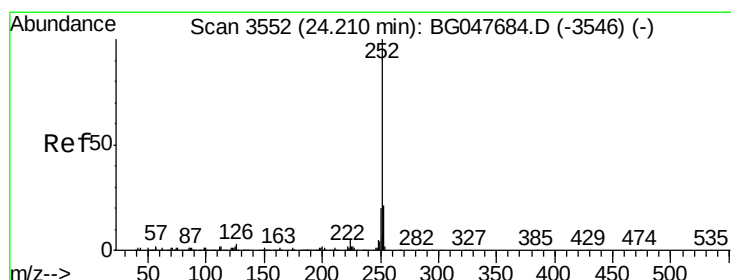
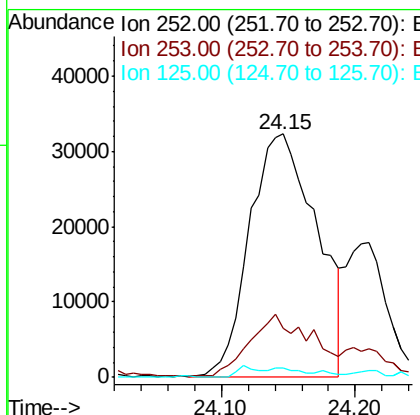
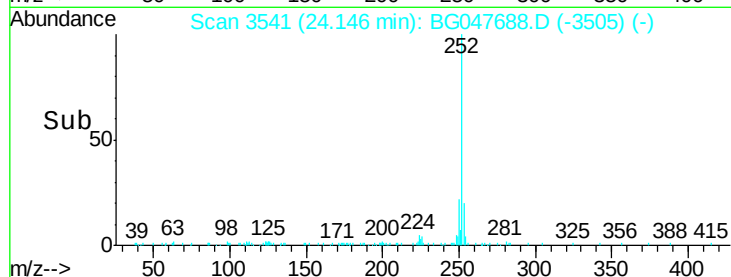
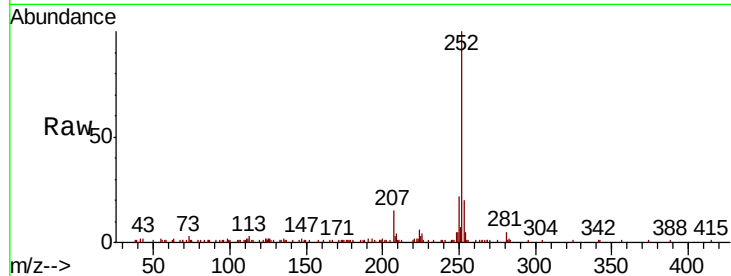
#88
Benzo(b)fluoranthene
Concen: 6.050 ng/ul
RT: 24.15 min Scan# 3541
Delta R.T. 0.01 min
Lab File: BG047688.D
Acq: 10 Dec 2020 1:23

Instrument :
BNA_G
ClientSampleId :
C0B28

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.0	18.7	28.1
125	3.8	2.6	3.8

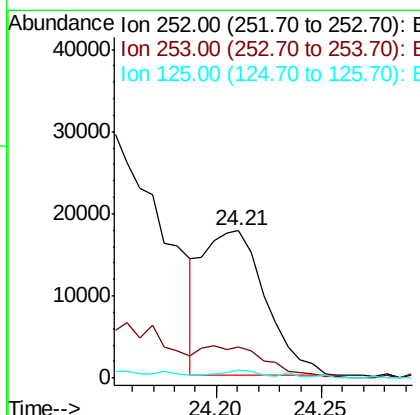
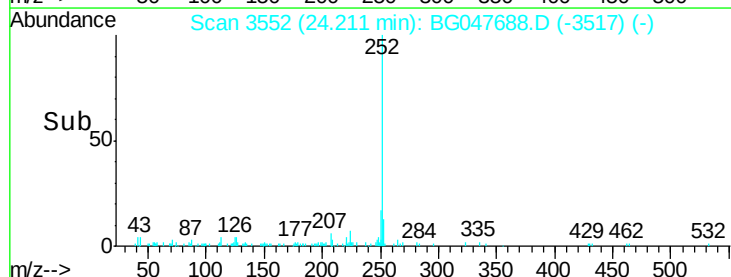
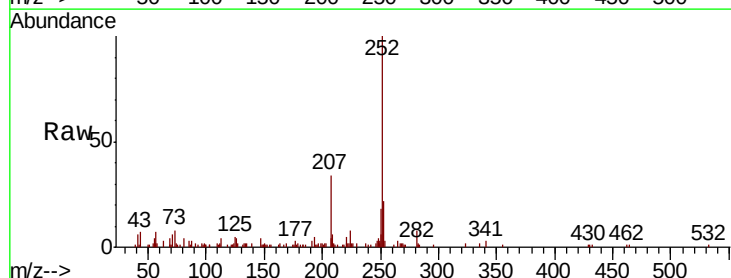
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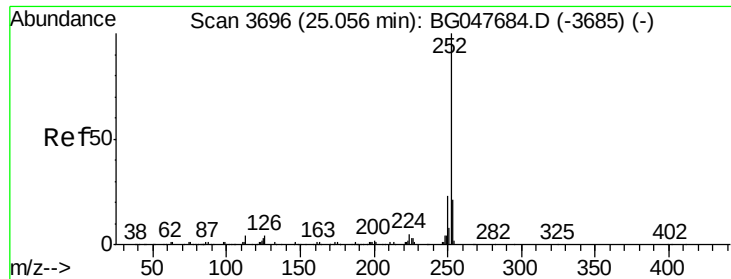
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#89
Benzo(k)fluoranthene
Concen: 1.975 ng/ul m
RT: 24.21 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BG047688.D
Acq: 10 Dec 2020 1:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.9	25.3
125	5.3	2.2	3.4#





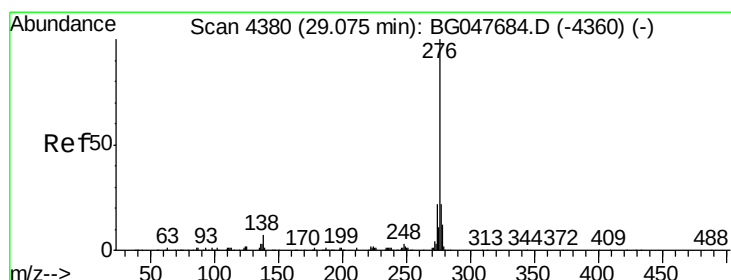
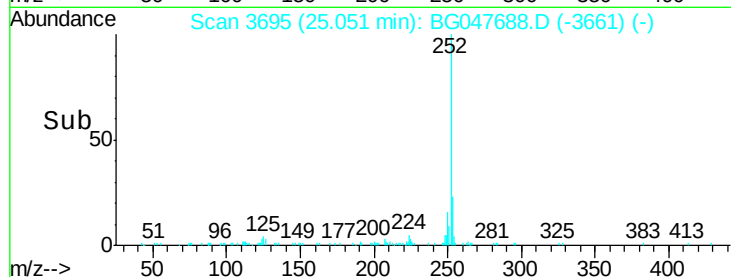
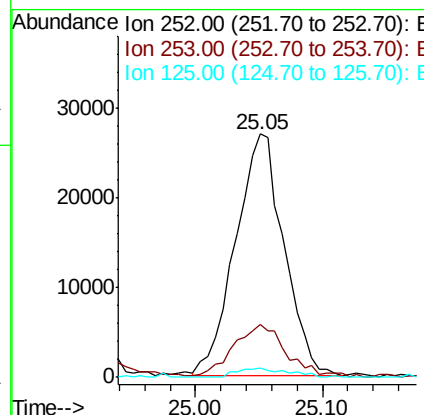
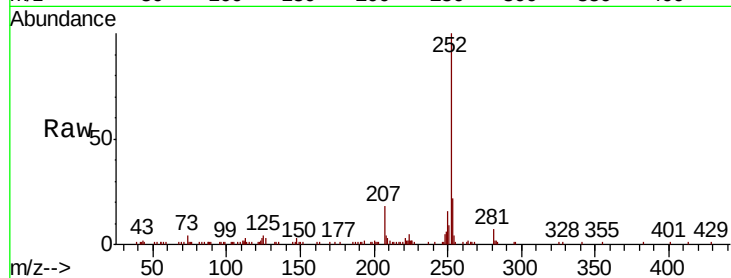
#91
Benzo(a)pyrene
Concen: 4.256 ng/ul
RT: 25.05 min Scan# 3695
Delta R.T. -0.00 min
Lab File: BG047688.D
Acq: 10 Dec 2020 1:23

Instrument :
BNA_G
ClientSampleId :
C0B28

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.9	25.3
125	4.1	2.6	3.8

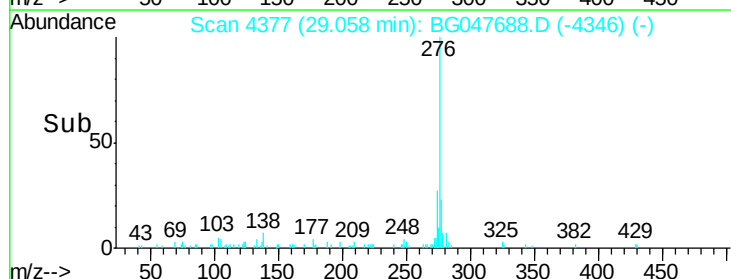
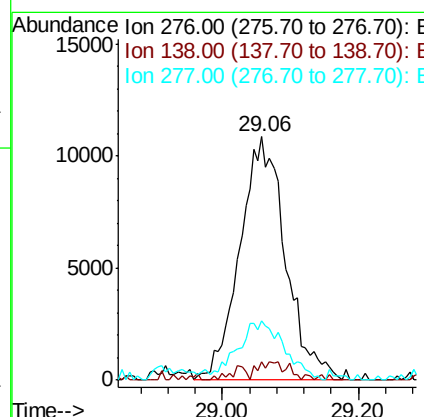
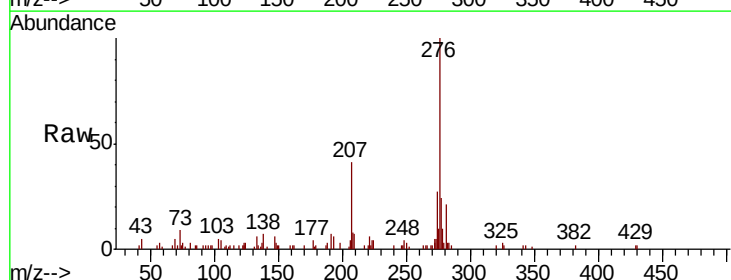
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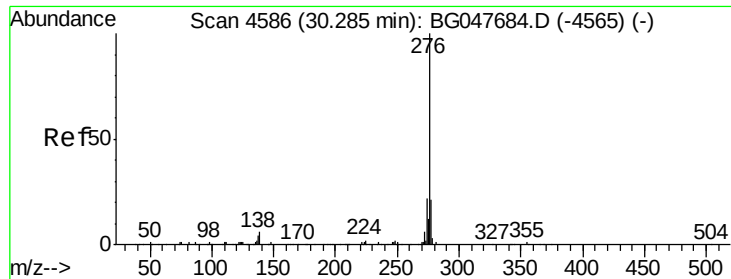
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.463 ng/ul m
RT: 29.06 min Scan# 4377
Delta R.T. -0.02 min
Lab File: BG047688.D
Acq: 10 Dec 2020 1:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.4	3.3	4.9
277	24.2	18.6	27.8





#94
 Benzo(a,h,i)perylene
 Concen: 2.348 ng/ul m
 RT: 30.29 min Scan# 4586
 Delta R.T. 0.01 min
 Lab File: BG047688.D
 Acq: 10 Dec 2020 1:23

Instrument :
 BNA_G
 ClientSampleId :
 C0B28

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.8	4.7	7.1
277	28.2	21.9	32.9

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