

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
 Data File : BG030893.D
 Acq On : 9 Nov 2017 23:20
 Operator : SJ/JU
 Sample : I6286-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F60

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:13:29 PM

Quant Time: Nov 10 04:02:30 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 03:42:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	68129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	314934	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	209243	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	513375	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	531109	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	539011	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6621	3.95	ng/uL	0.00
5) Phenol-d5	7.32	99	156744	23.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	88178	21.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	129633	28.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	131873	24.97	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	66620	29.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	82407	35.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	153046	28.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	118260	19.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	487858	27.27	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	620096	28.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	79810	24.17	ng/ul	0.00
57) Fluorene-d10	15.75	176	461036	31.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	89835	35.85	ng/ul	0.00
70) Anthracene-d10	17.61	188	718223	29.58	ng/ul	0.00
76) Pyrene-d10	19.88	212	820033	29.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	772707	30.27	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	7.34	94	13408	1.982	ng/ul	96
44) Dimethylphthalate	14.21	163	46819	2.683	ng/ul	98
69) Phenanthrene	17.55	178	192123	6.923	ng/ul	97
71) Anthracene	17.64	178	46887	1.637	ng/ul	98
74) Fluoranthene	19.55	202	312579	10.078	ng/ul	99
77) Pyrene	19.91	202	272051	7.643	ng/ul	97
80) Benzo(a)anthracene	21.76	228	162686	4.888	ng/ul	98
82) Chrysene	21.83	228	145971m	4.827	ng/ul	
85) Benzo(b)fluoranthene	24.04	252	182152	5.629	ng/ul#	94
86) Benzo(k)fluoranthene	24.11	252	61861m	1.977	ng/ul	
88) Benzo(a)pyrene	24.95	252	131060	4.161	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.90	276	87504	2.455	ng/ul#	89
91) Benzo(g,h,i)perylene	30.11	276	76375	2.586	ng/ul	98

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

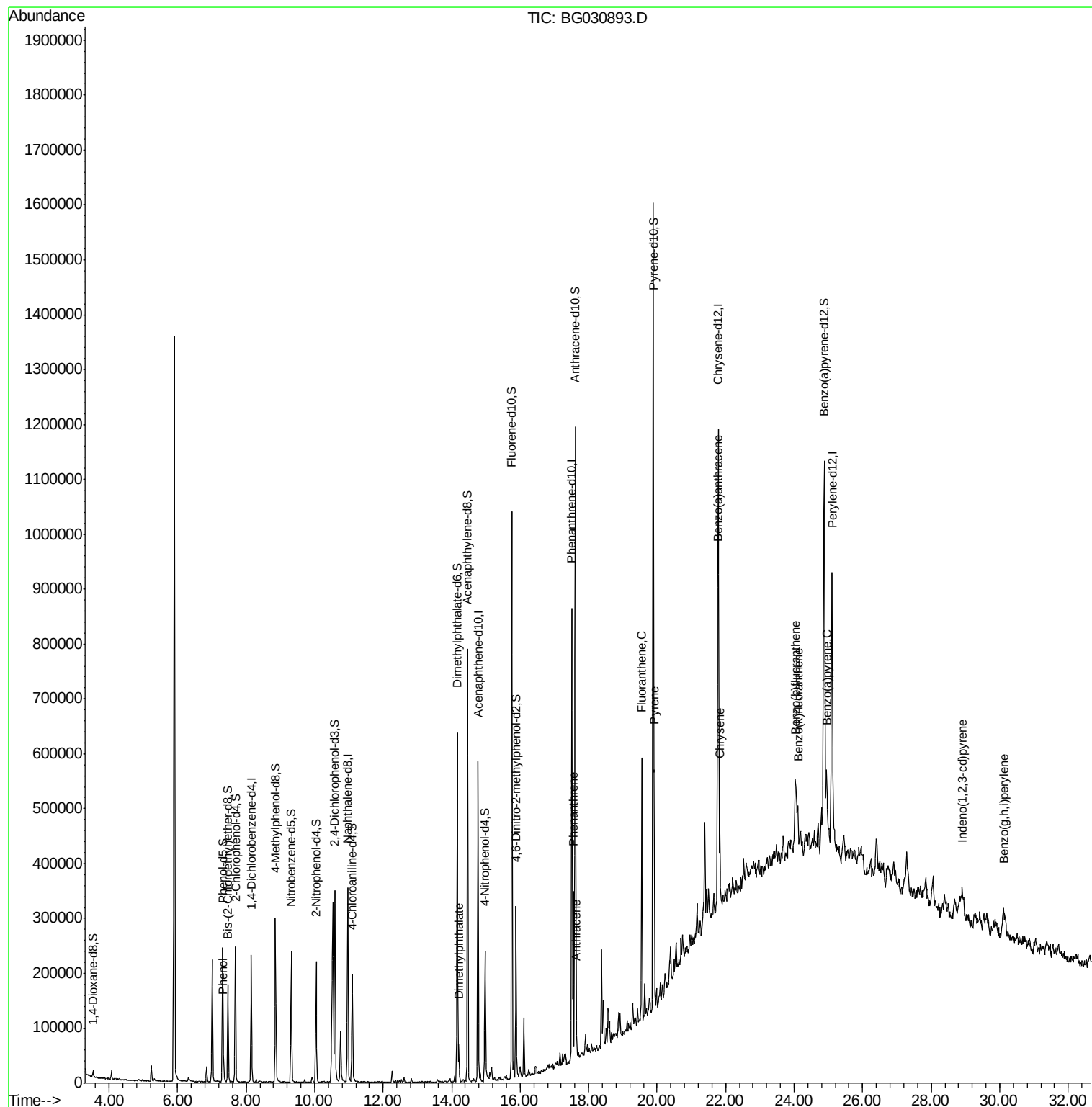
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
Data File : BG030893.D
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ALS Vial : 17 Sample Multiplier: 1

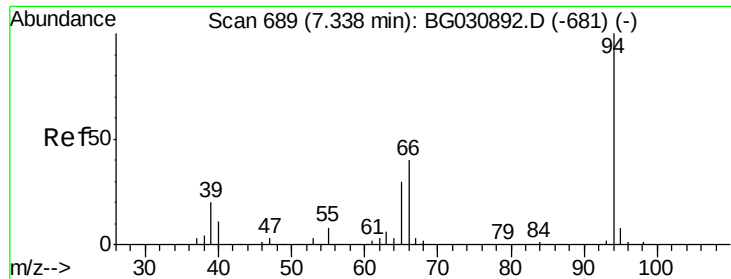
Instrument :
BNA_G
ClientSampleId :
B0F60

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

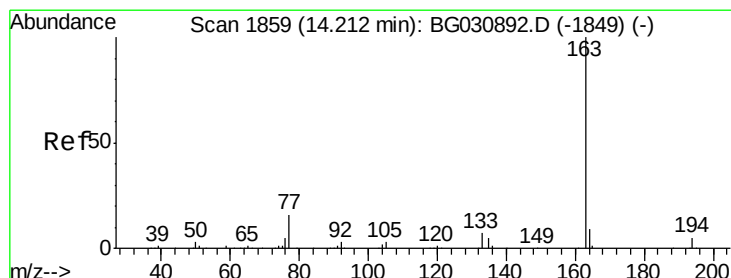
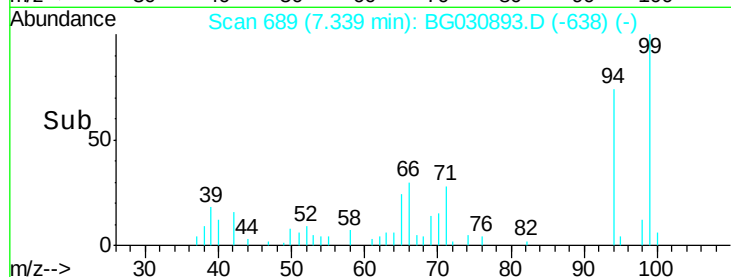
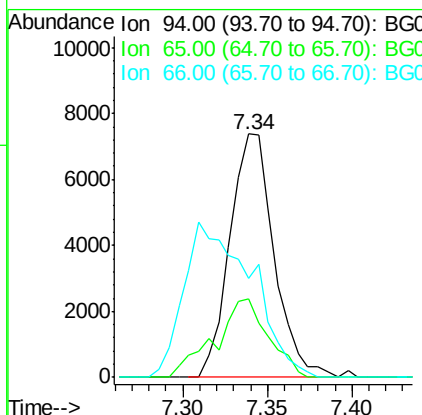
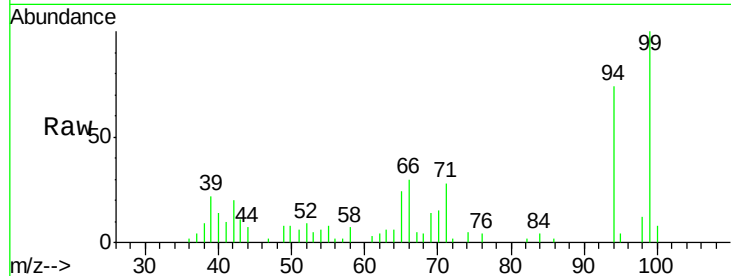
Concen: 1.982 ng/ul
RT: 7.34 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG030893.D
Acq: 9 Nov 2017 23:20

Instrument :
BNA_G
ClientSampled :
B0F60

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	13408		
65	32.2	27.1	40.7	
66	40.7	34.6	52.0	

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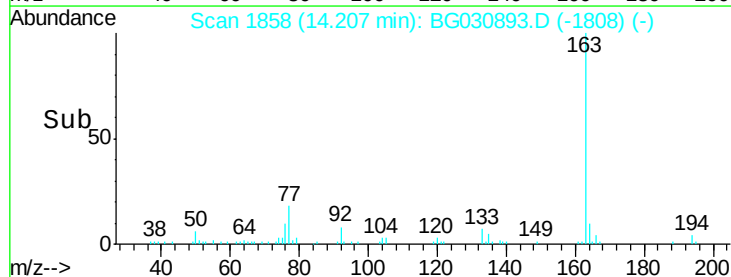
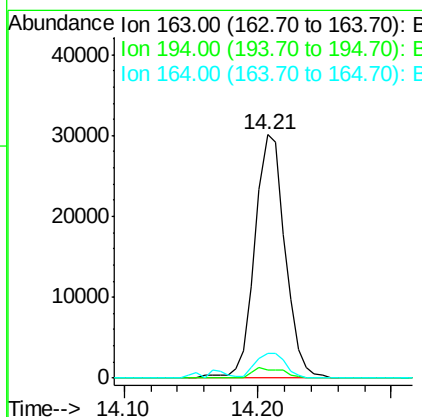
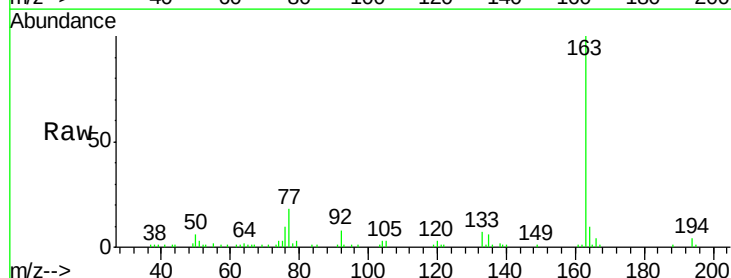


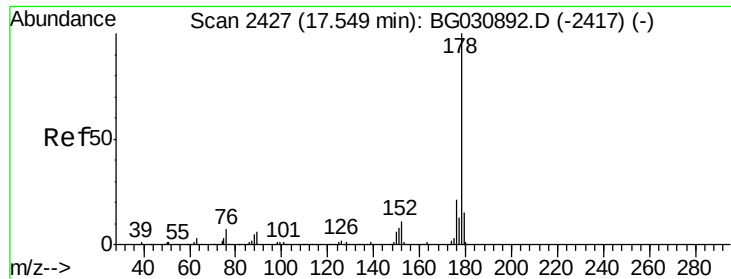
#44

Dimethylphthalate

Concen: 2.683 ng/ul
RT: 14.21 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BG030893.D
Acq: 9 Nov 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	46819		
194	3.5	3.5	5.3	
164	10.3	7.6	11.4	





#69

Phenanthrene

Concen: 6.923 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Instrument :

BNA_G

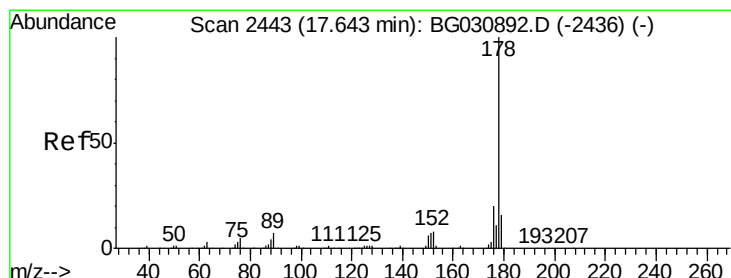
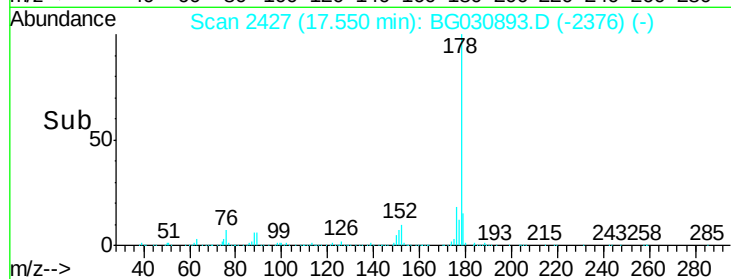
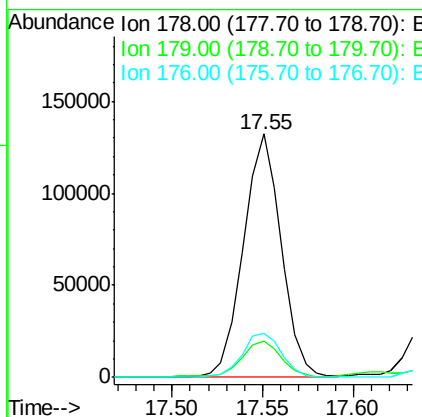
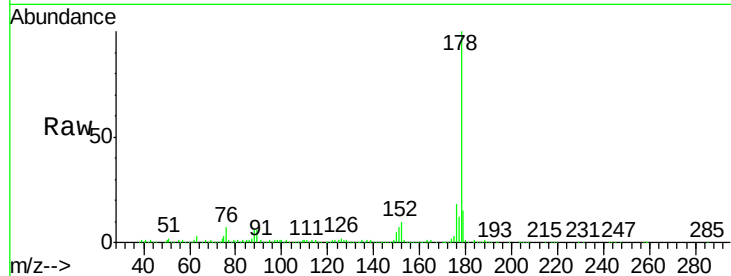
ClientSampleId :

B0F60

Tgt Ion:	178	Resp:	192123
Ion Ratio		Lower	Upper
178	100		
179	14.8	13.0	19.6
176	18.0	15.3	22.9

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#71

Anthracene

Concen: 1.637 ng/ul

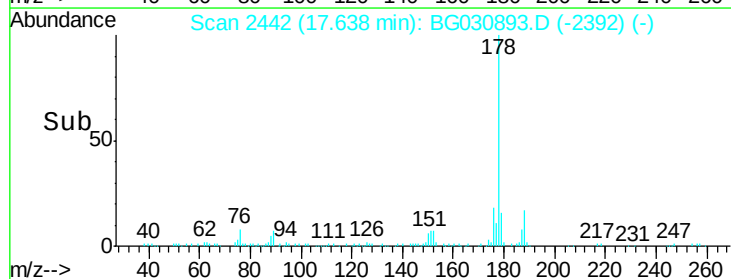
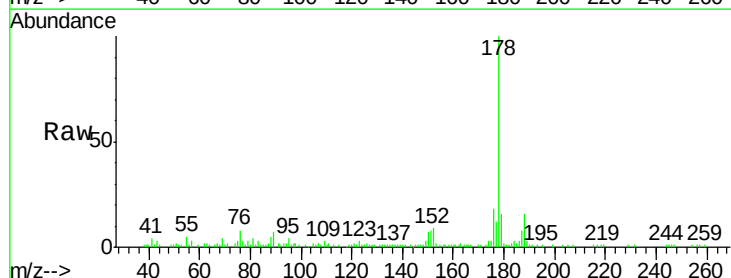
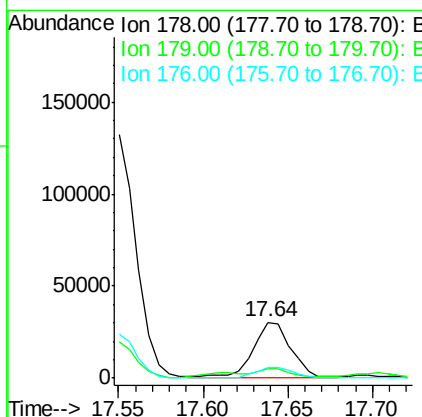
RT: 17.64 min Scan# 2442

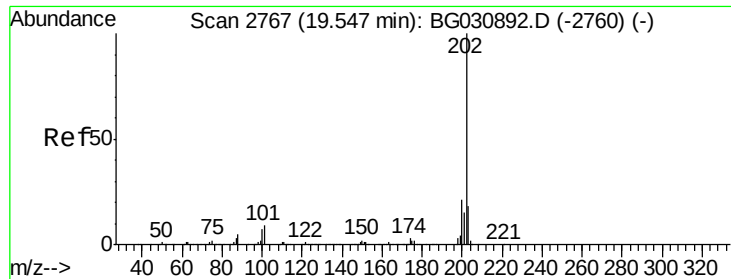
Delta R.T. -0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Tgt Ion:	178	Resp:	46887
Ion Ratio		Lower	Upper
178	100		
179	16.3	13.2	19.8
176	18.2	16.0	24.0





#74

Fluoranthene

Concen: 10.078 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Instrument :

BNA_G

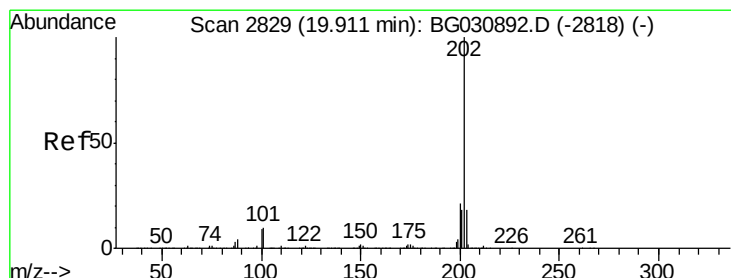
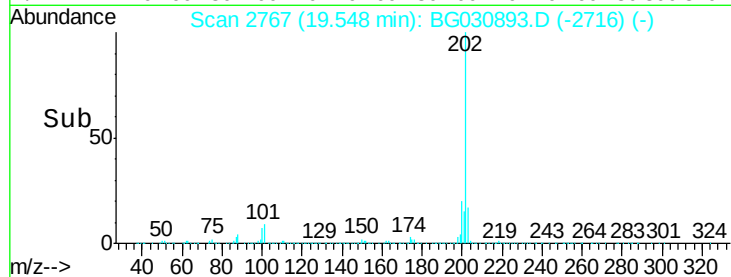
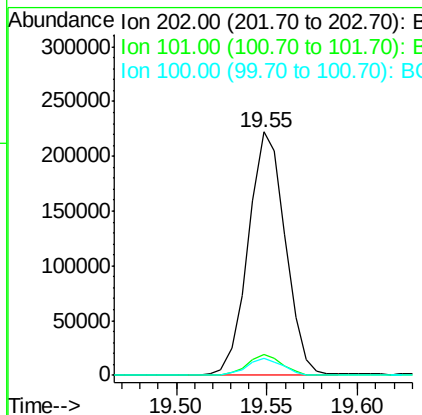
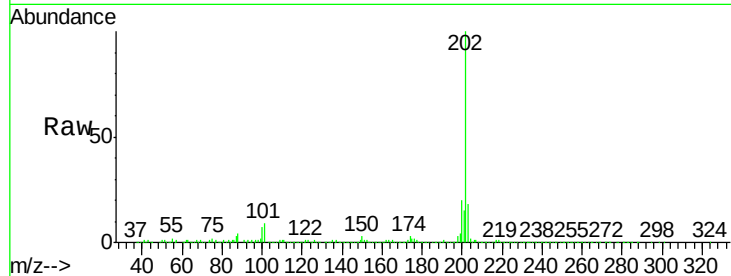
ClientSampled :

B0F60

Tgt	Ion	202	Resp	312579
Ion	Ratio	Lower	Upper	
202	100			
101	8.8	7.4	11.2	
100	6.8	5.6	8.4	

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#77

Pyrene

Concen: 7.643 ng/ul

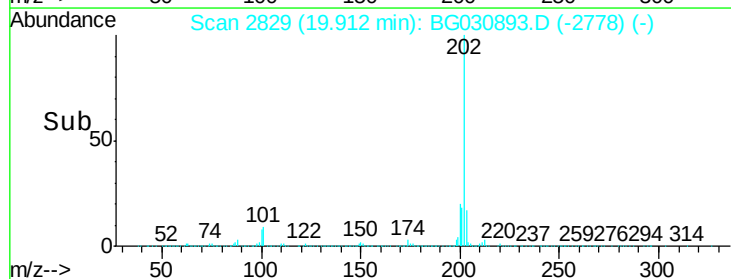
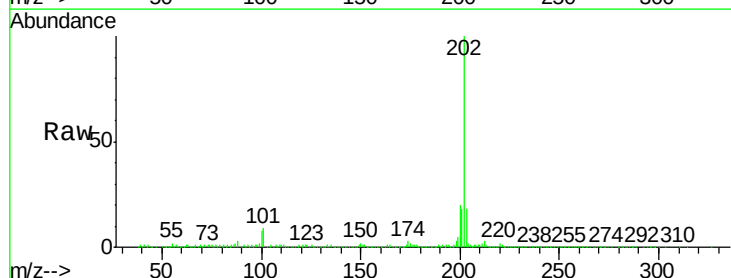
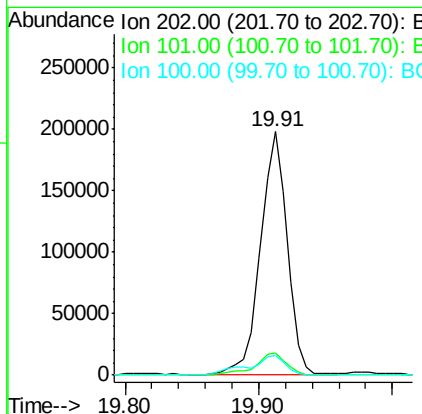
RT: 19.91 min Scan# 2829

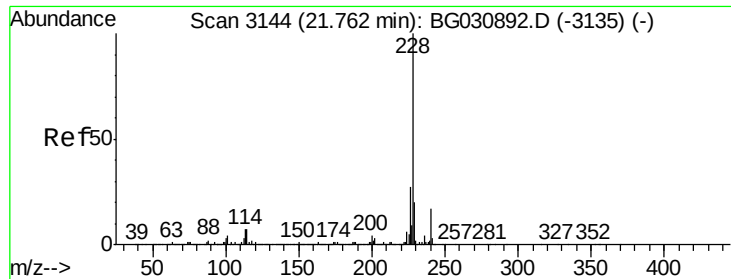
Delta R.T. 0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Tgt	Ion	202	Resp	272051
Ion	Ratio	Lower	Upper	
202	100			
101	9.3	8.4	12.6	
100	8.0	7.0	10.6	





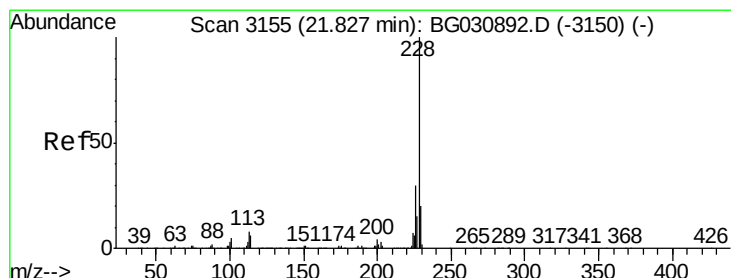
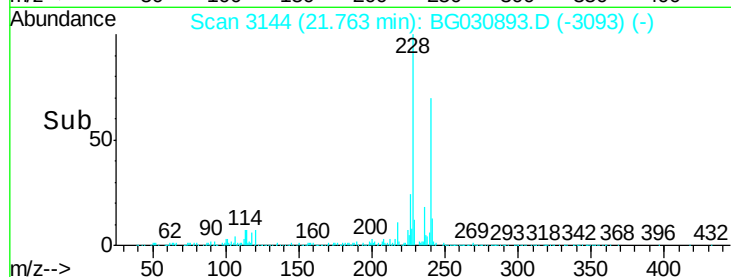
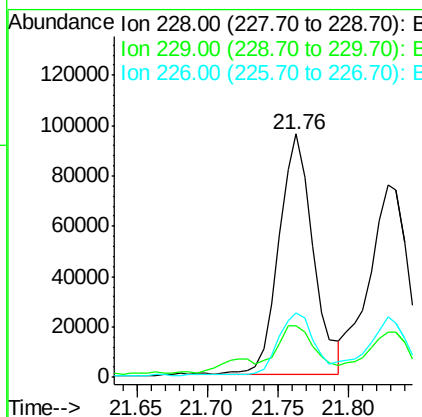
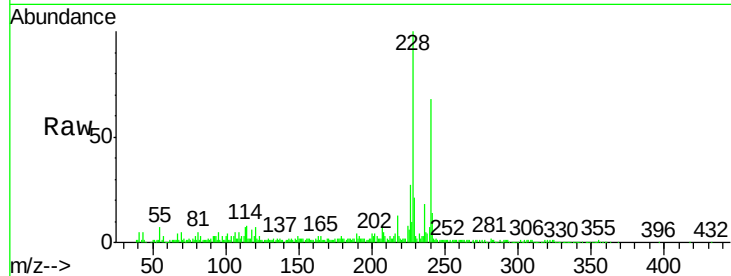
#80
Benzo(a)anthracene
Concen: 4.888 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG030893.D
Acq: 9 Nov 2017 23:20

Instrument :
BNA_G
ClientSampleId :
B0F60

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	162686		
229	21.2	16.2	24.4	
226	26.6	22.2	33.2	

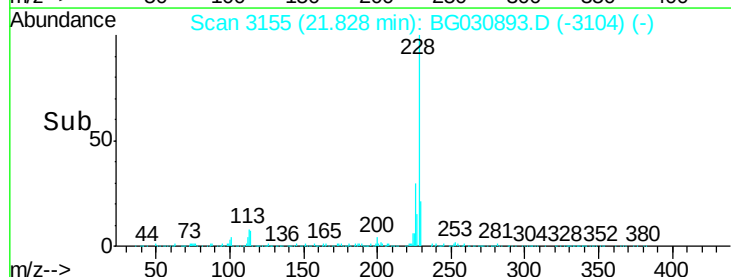
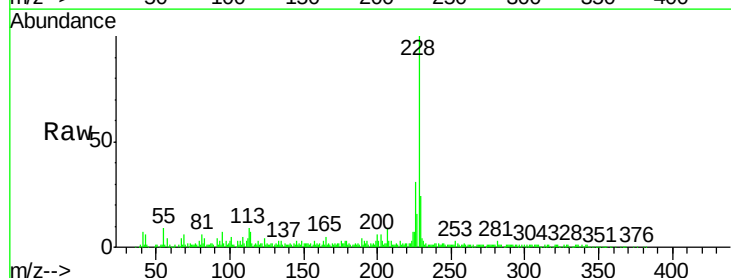
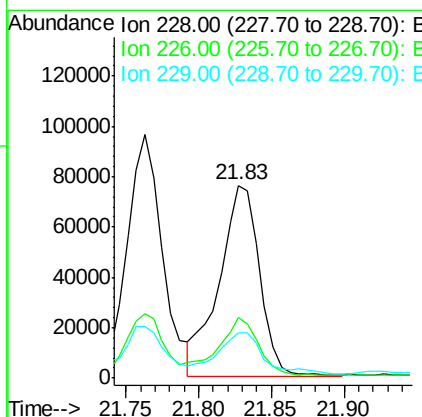
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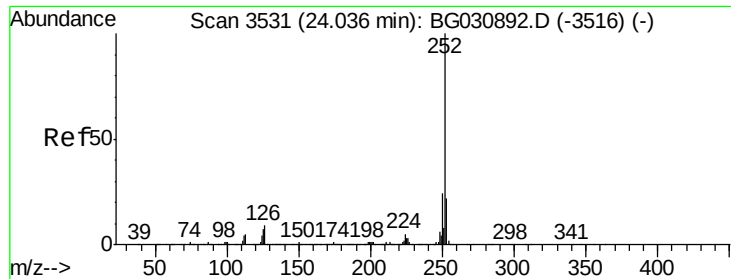
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#82
Chrysene
Concen: 4.827 ng/ul m
RT: 21.83 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG030893.D
Acq: 9 Nov 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	145971		
226	31.4	24.2	36.2	
229	23.5	15.2	22.8#	





#85

Benzo(b)fluoranthene

Concen: 5.629 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Instrument :

BNA_G

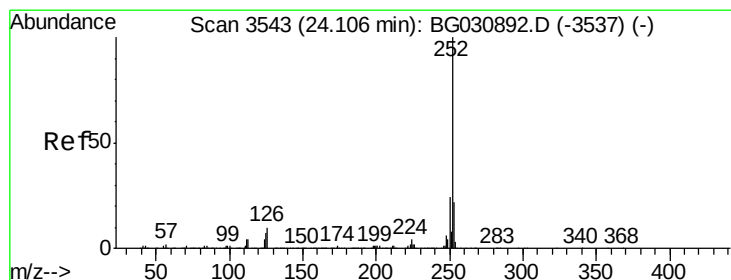
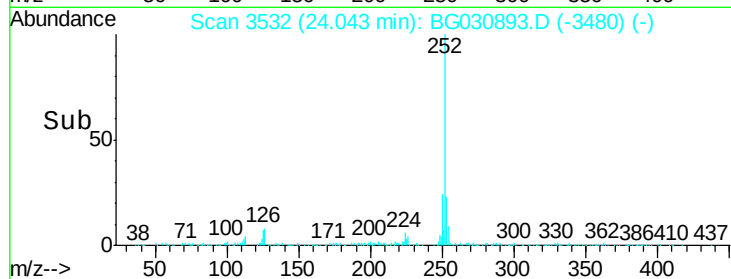
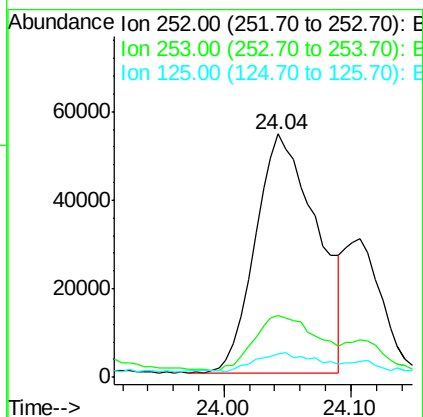
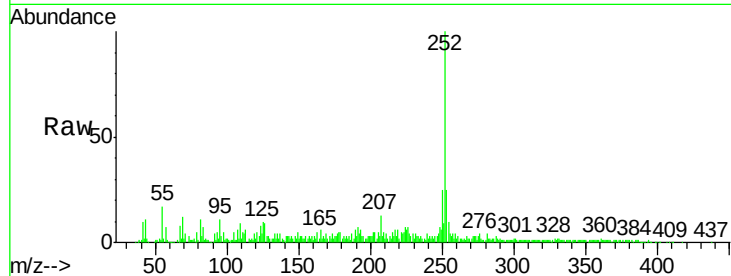
ClientSampleId :

B0F60

Tgt Ion:	252	Resp:	182152
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.0	25.4#
125	9.5	7.5	11.3

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#86

Benzo(k)fluoranthene

Concen: 1.977 ng/ul m

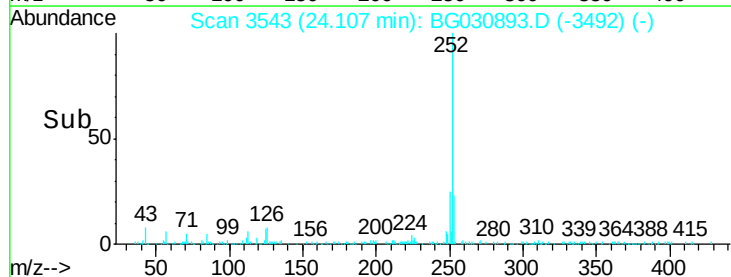
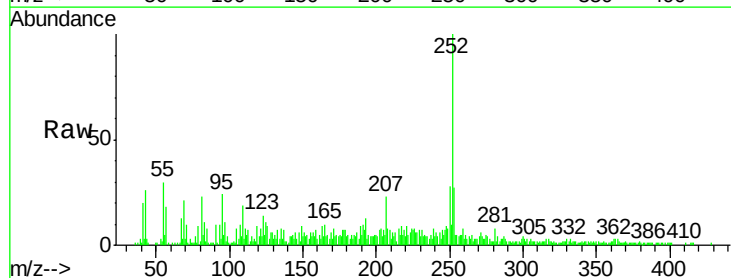
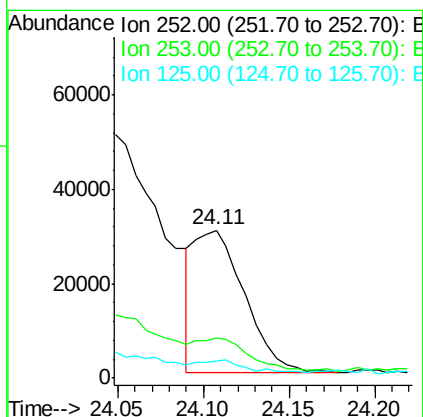
RT: 24.11 min Scan# 3543

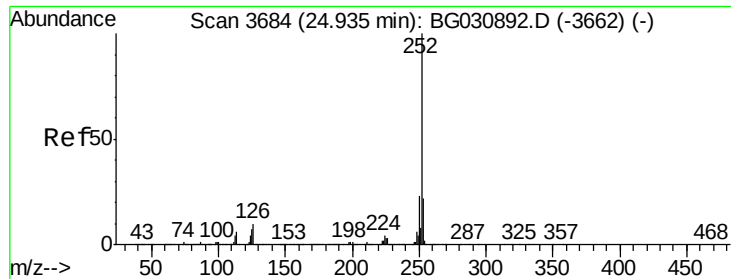
Delta R.T. 0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Tgt Ion:	252	Resp:	61861
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.2	25.8#
125	11.4	7.8	11.8





#88

Benzo(a)pyrene

Concen: 4.161 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. 0.01 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Instrument :

BNA_G

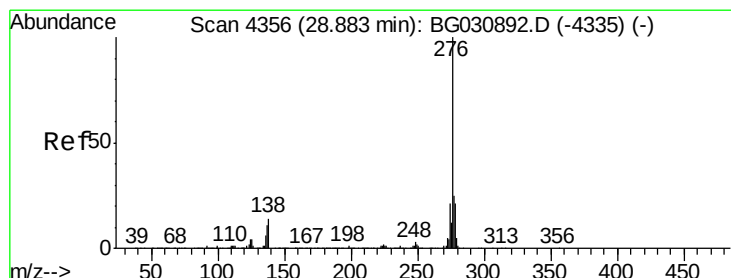
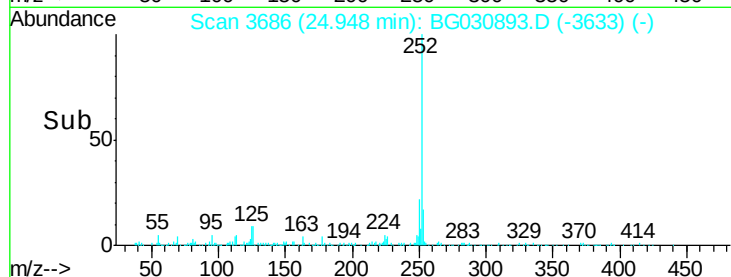
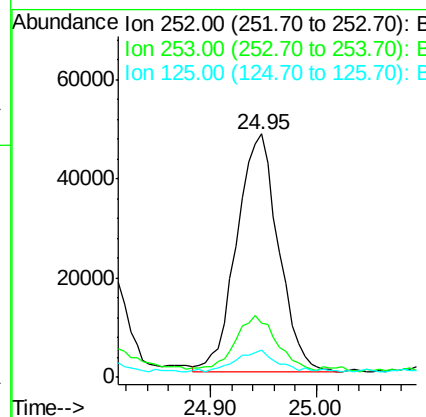
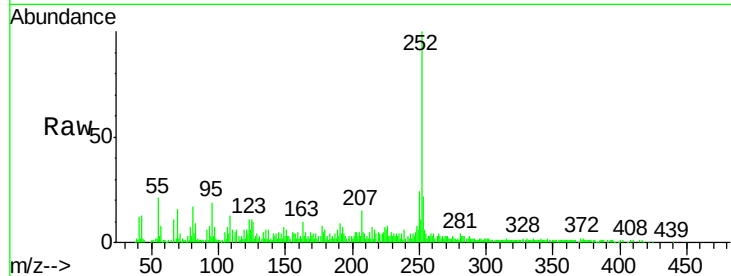
ClientSampleId :

B0F60

Tgt Ion:	252	Resp:	131060
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	11.2	7.8	11.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.455 ng/ul

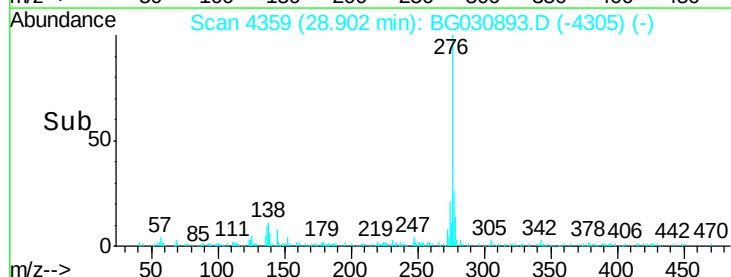
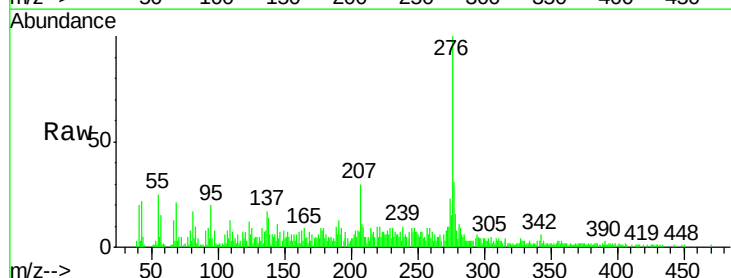
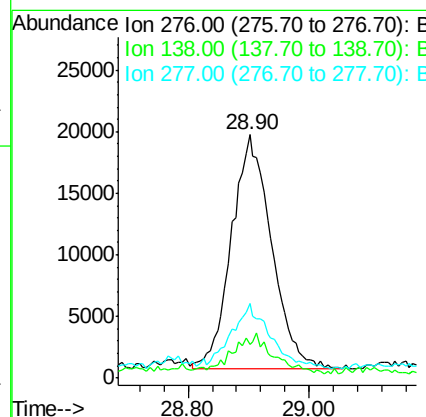
RT: 28.90 min Scan# 4359

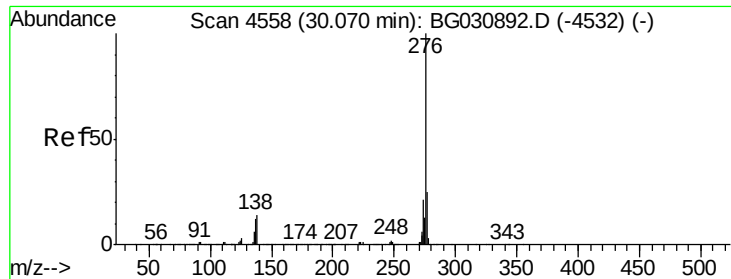
Delta R.T. 0.02 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Tgt Ion:	276	Resp:	87504
Ion Ratio	Lower	Upper	
276	100		
138	19.4	13.4	20.0
277	30.7	18.6	28.0#





#91
 Benzo(g,h,i)perylene
 Concen: 2.586 ng/ul
 RT: 30.11 min Scan# 4564
 Delta R.T. 0.04 min
 Lab File: BG030893.D
 Acq: 9 Nov 2017 23:20

Instrument :
 BNA_G
 ClientSampleId :
 B0F60

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.1	18.1
277	23.1	17.7	26.5

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