

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095800.D
 Acq On : 15 Mar 2018 13:02
 Operator : SJ/JU
 Sample : J1813-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F28

Manual Integrations
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Sohil
 3/16/2018 12:00:53 PM

Quant Time: Mar 16 01:37:09 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1998	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	5629	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	3270	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.74	188	6692m	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	6411m	0.40	ng/ul	0.00
20) Perylene-d12	24.49	264	6918m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	3248	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	7475m	0.35	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.32	128	639	0.041	ng/ul#	64
5) 2-Methylnaphthalene	12.90	142	953	0.087	ng/ul	99
12) Phenanthrene	17.78	178	3803m	0.190	ng/ul	
13) Anthracene	17.87	178	514m	0.027	ng/ul	
15) Fluoranthene	19.75	202	5501m	0.227	ng/ul	
17) Pyrene	20.10	202	8063m	0.331	ng/ul	
18) Benzo(a)anthracene	21.81	228	3652m	0.177	ng/ul	
19) Chrysene	21.84	228	7420m	0.352	ng/ul	
21) Benzo(b)fluoranthene	23.66	252	7334m	0.306	ng/ul	
22) Benzo(k)fluoranthene	23.71	252	1572m	0.069	ng/ul	
23) Benzo(a)pyrene	24.38	252	5727m	0.262	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.34	276	3508m	0.145	ng/ul	
26) Benzo(g,h,i)perylene	28.25	276	7282m	0.349	ng/ul	

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

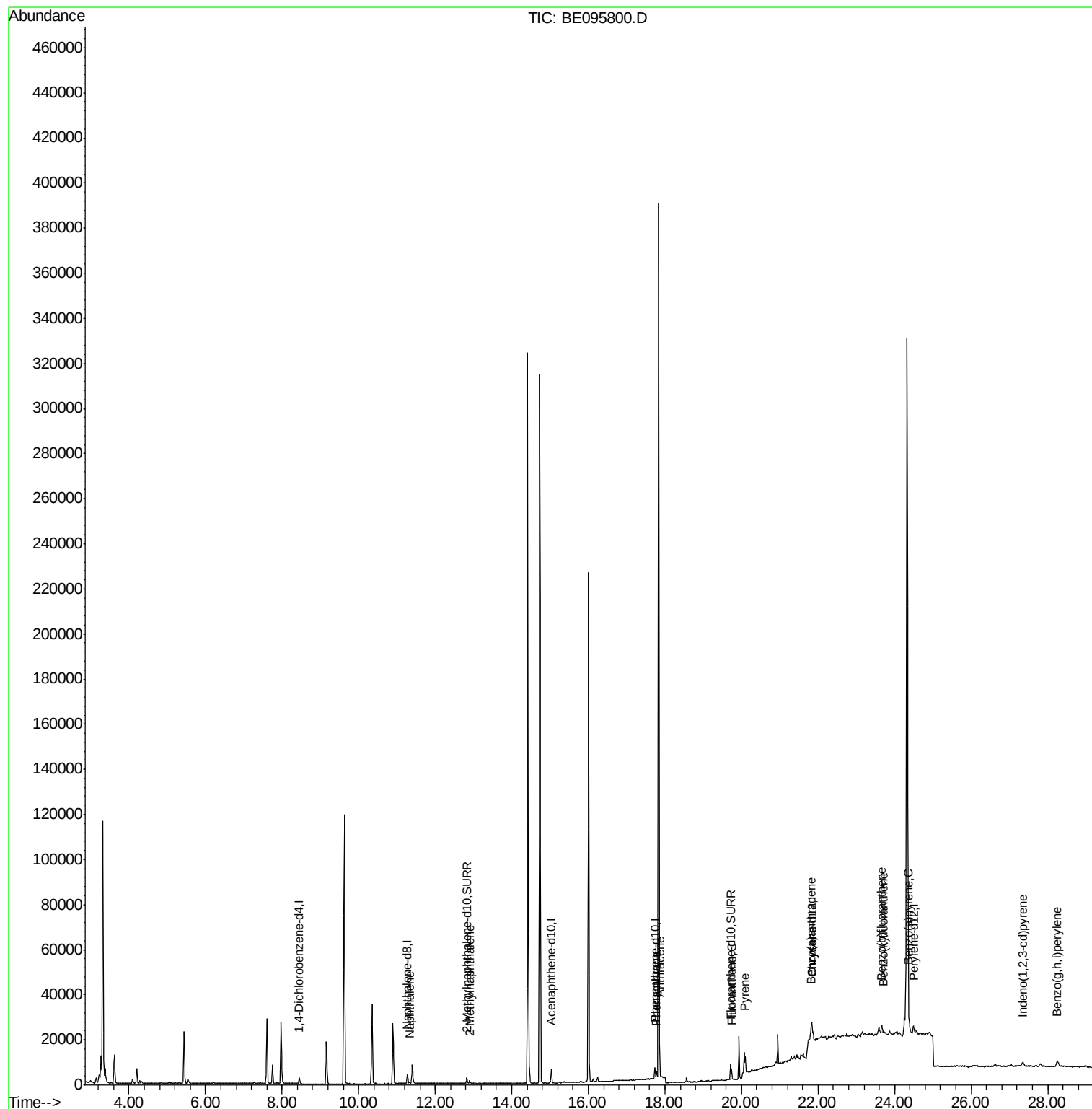
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
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ALS Vial : 5 Sample Multiplier: 1

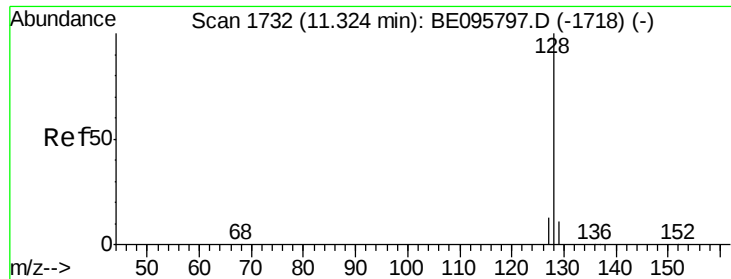
Instrument :
BNA_E
ClientSampleId :
F6F28

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#3

Naphthalene

Concen: 0.041 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Instrument :

BNA_E

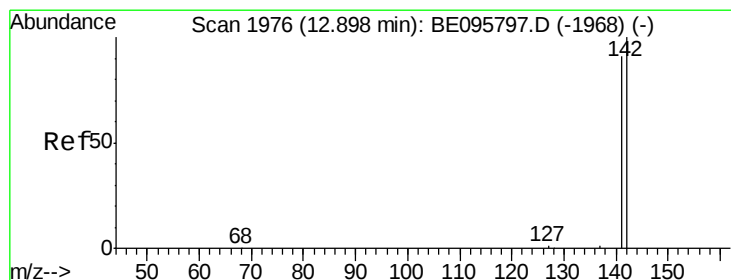
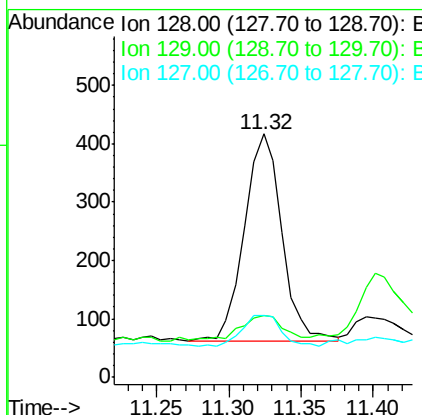
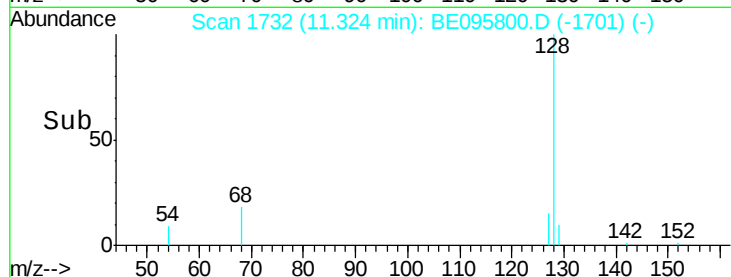
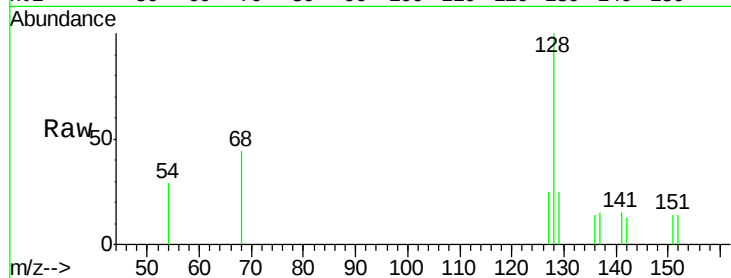
ClientSampleId :

F6F28

Tot Ion:	128	Resp:	639
Ion	Ratio	Lower	Upper
128	100		
129	25.2	11.3	16.9#
127	25.2	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.087 ng/ul

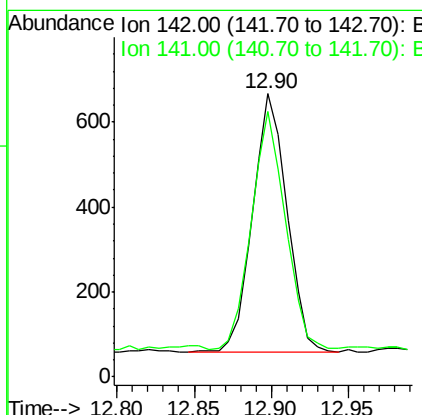
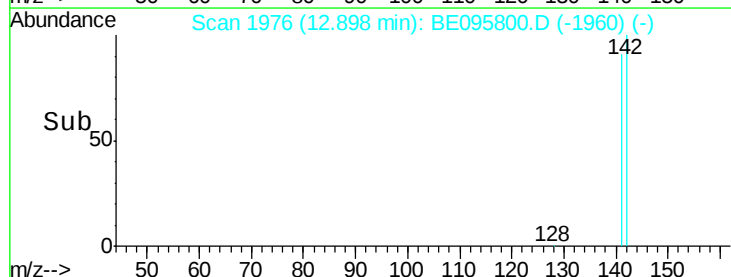
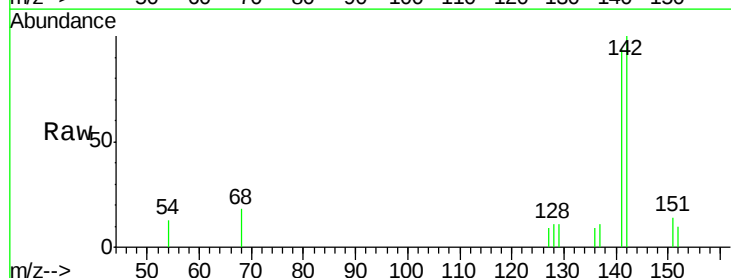
RT: 12.90 min Scan# 1976

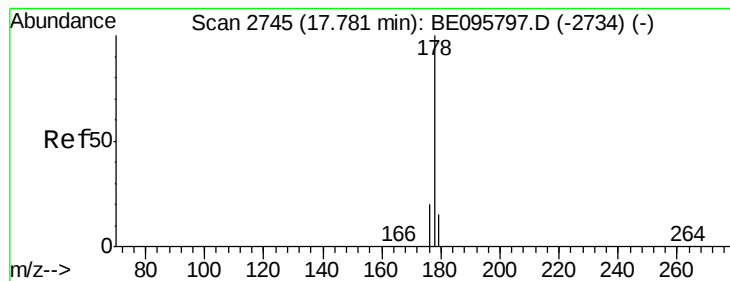
Delta R.T. 0.00 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Tgt Ion:	142	Resp:	953
Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	108.8





#12

Phenanthrene

Concen: 0.190 ng/ul m

RT: 17.78 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Instrument :

BNA_E

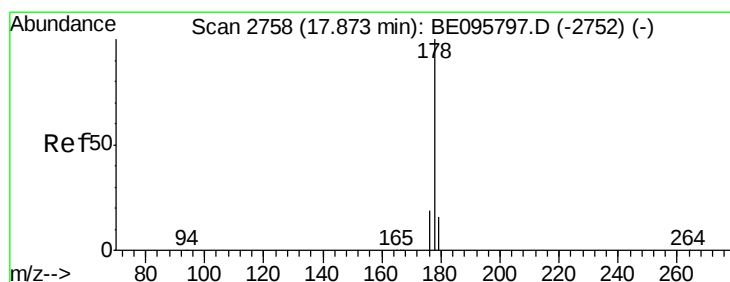
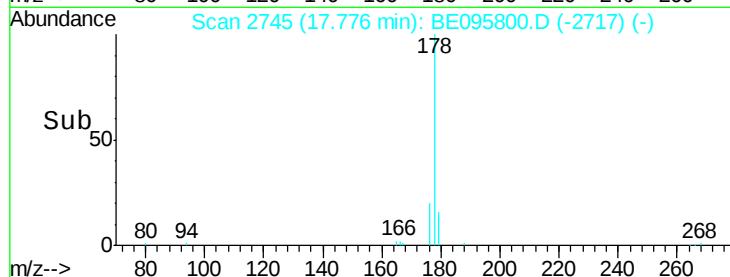
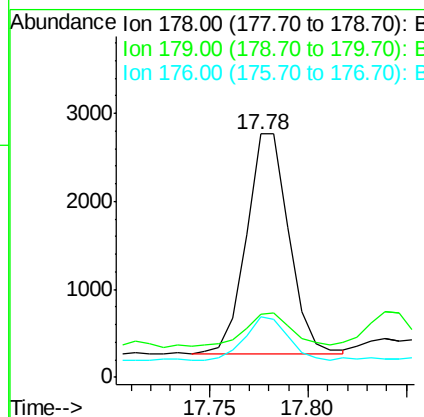
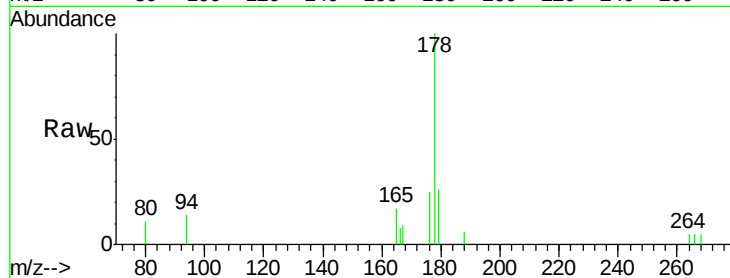
ClientSampleId :

F6F28

Tot Ion:	178	Resp:	3803
Ion	Ratio	Lower	Upper
178	100		
179	26.0	18.4	27.6
176	25.0	13.6	20.4#

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#13

Anthracene

Concen: 0.027 ng/ul m

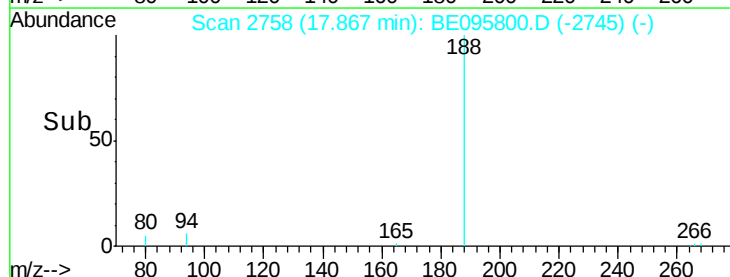
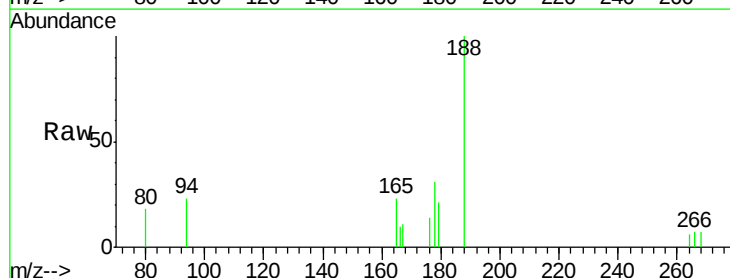
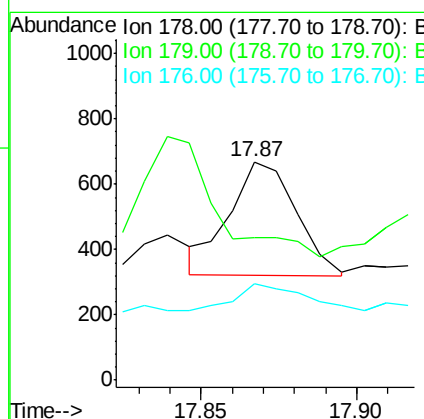
RT: 17.87 min Scan# 2758

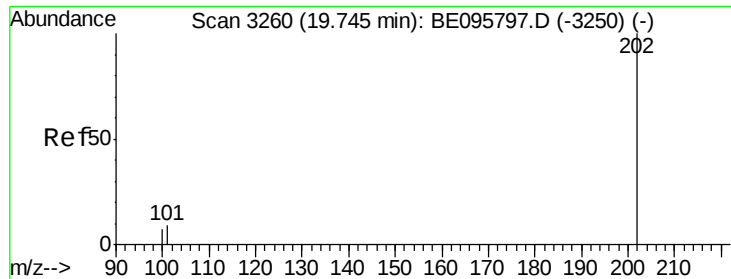
Delta R.T. -0.01 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Tgt Ion:	178	Resp:	514
Ion	Ratio	Lower	Upper
178	100		
179	65.4	18.1	27.1#
176	44.0	14.7	22.1#





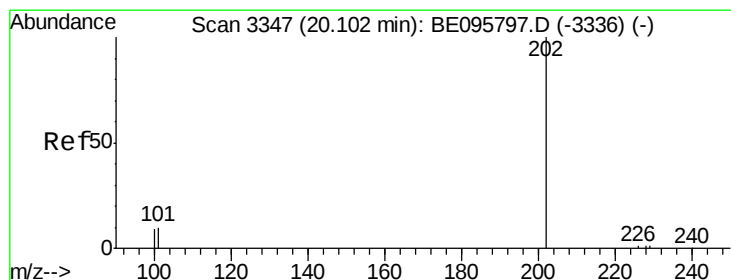
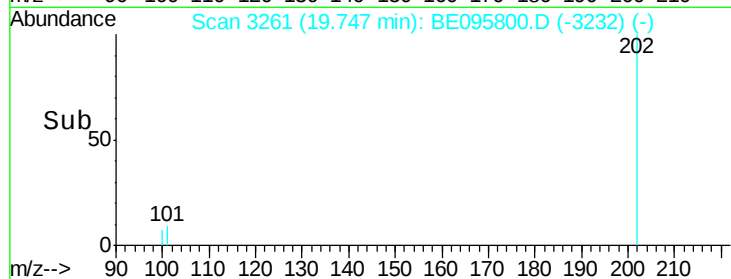
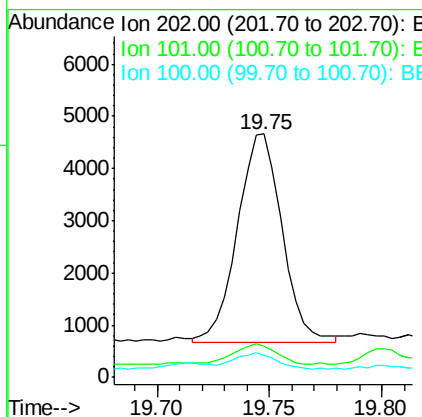
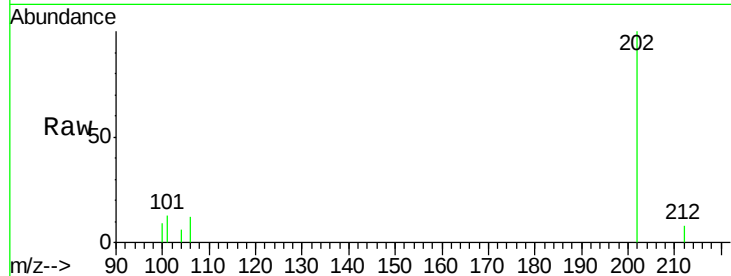
#15
Fluoranthene
Concen: 0.227 ng/ul m
RT: 19.75 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BE095800.D
Acq: 15 Mar 2018 13:02

Instrument :
BNA_E
ClientSampleId :
F6F28

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.3
100	9.1	0.0	39.5

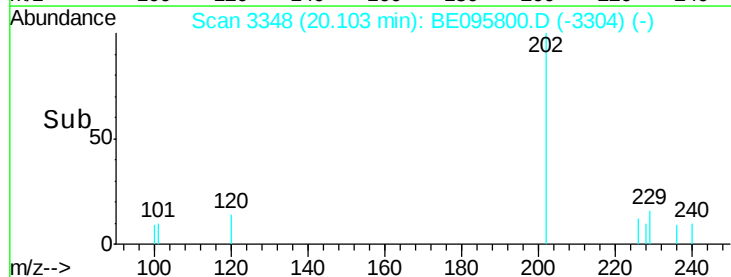
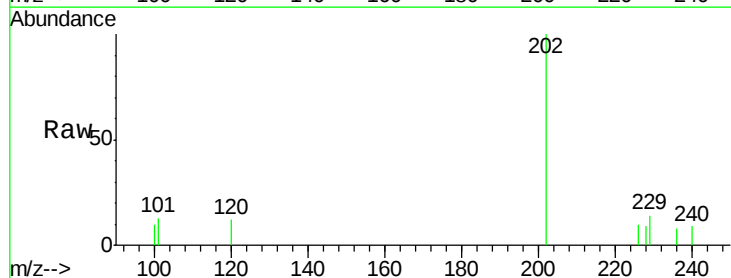
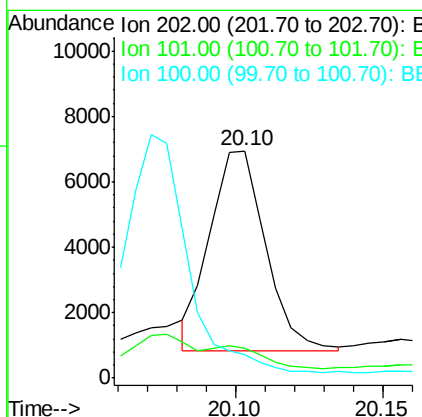
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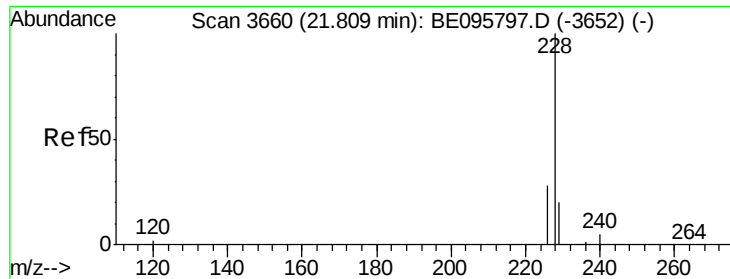
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#17
Pyrene
Concen: 0.331 ng/ul m
RT: 20.10 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BE095800.D
Acq: 15 Mar 2018 13:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	18.2	27.4#
100	10.5	15.6	23.4#





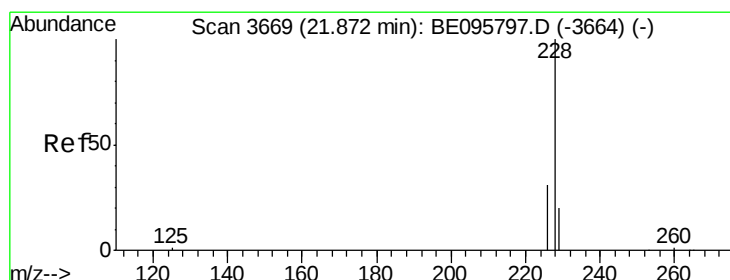
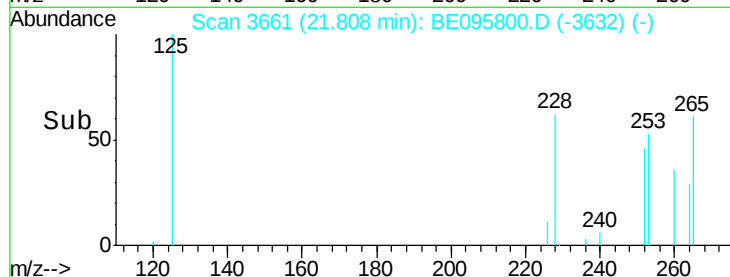
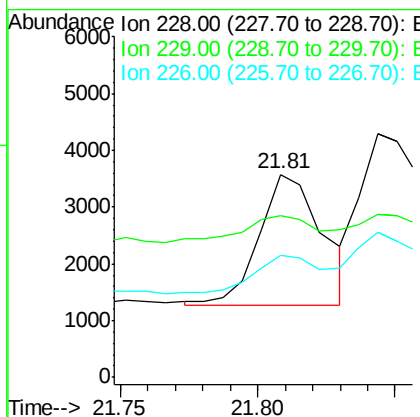
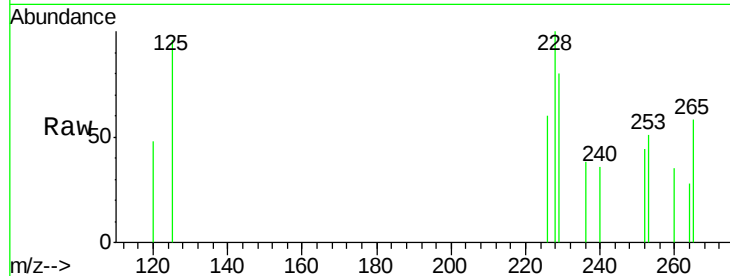
#18
Benzo(a)anthracene
Concen: 0.177 ng/ul m
RT: 21.81 min Scan# 3661
Delta R.T. -0.00 min
Lab File: BE095800.D
Acq: 15 Mar 2018 13:02

Instrument :
BNA_E
ClientSampleId :
F6F28

Tot Ion:228 Resp: 3652
Ion Ratio Lower Upper
228 100
229 79.5 22.8 34.2#
226 60.1 17.0 25.6#

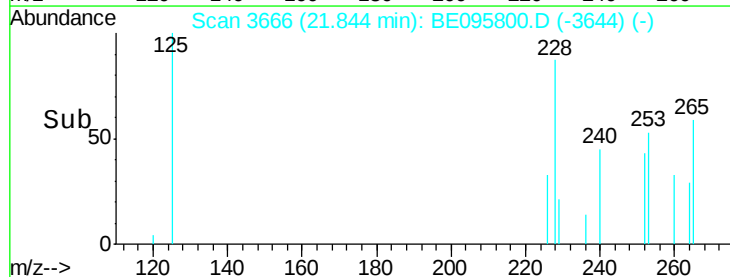
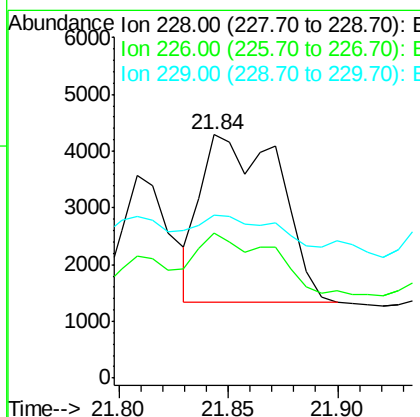
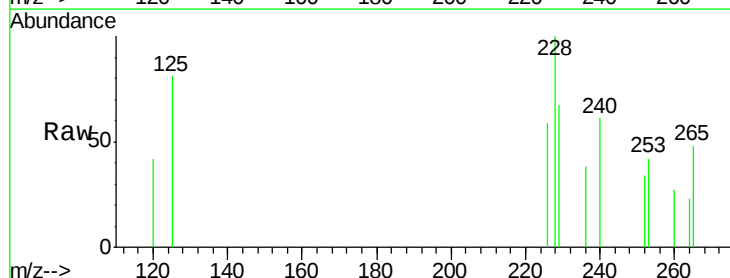
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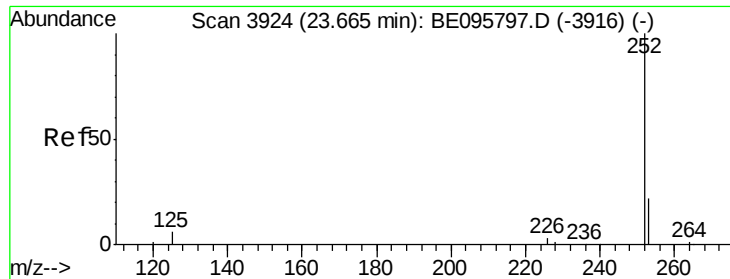
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#19
Chrysene
Concen: 0.352 ng/ul m
RT: 21.84 min Scan# 3666
Delta R.T. -0.03 min
Lab File: BE095800.D
Acq: 15 Mar 2018 13:02

Tgt Ion:228 Resp: 7420
Ion Ratio Lower Upper
228 100
226 59.4 23.4 35.0#
229 66.7 17.7 26.5#





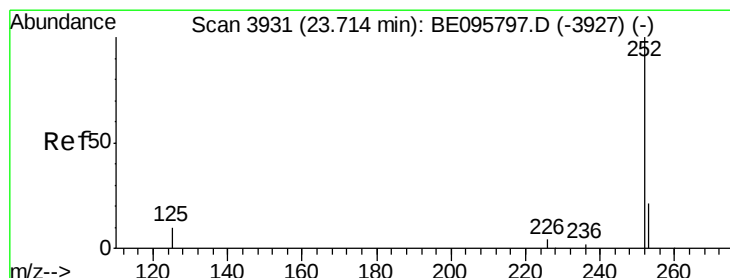
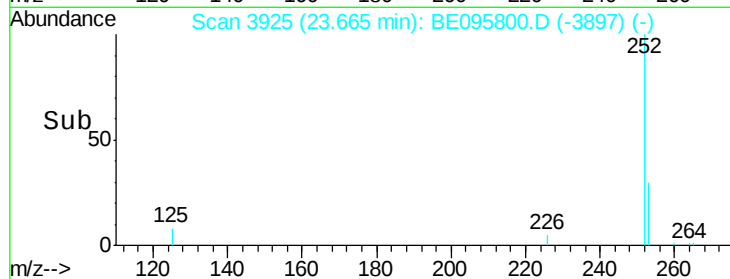
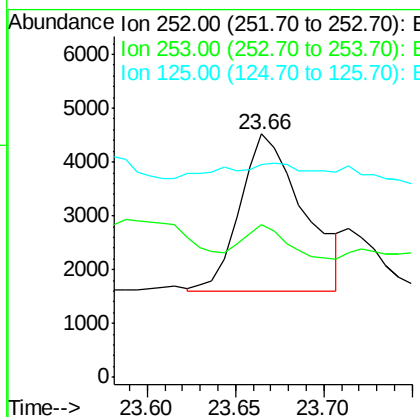
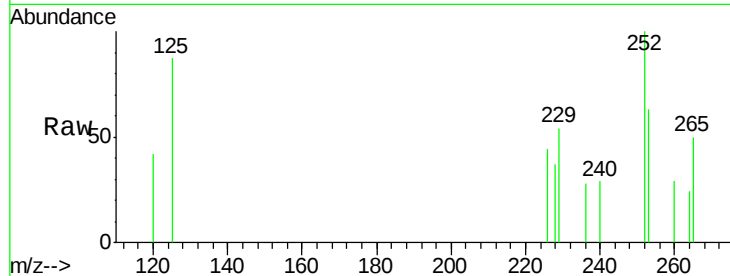
#21
Benzo(b)fluoranthene
Concen: 0.306 ng/ul m
RT: 23.66 min Scan# 3925
Delta R.T. -0.00 min
Lab File: BE095800.D
Acq: 15 Mar 2018 13:02

Instrument :
BNA_E
ClientSampleId :
F6F28

Tot Ion	Ratio	Lower	Upper
252	100		
253	62.5	0.0	64.2
125	87.4	0.0	35.0#

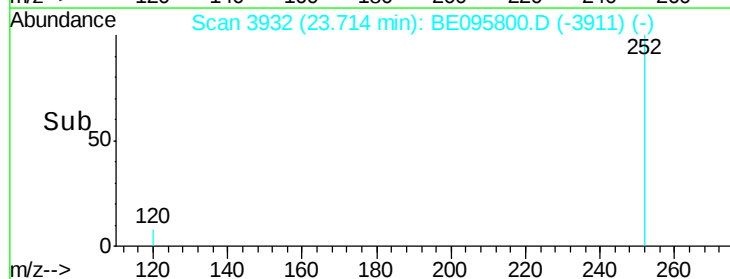
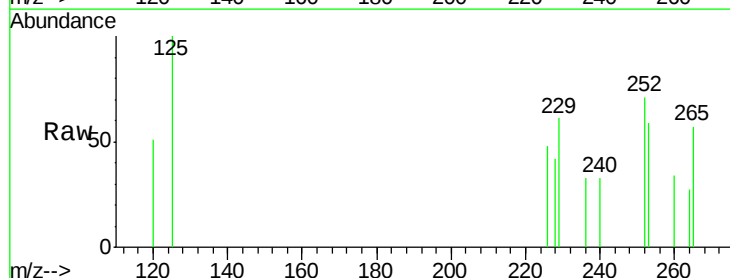
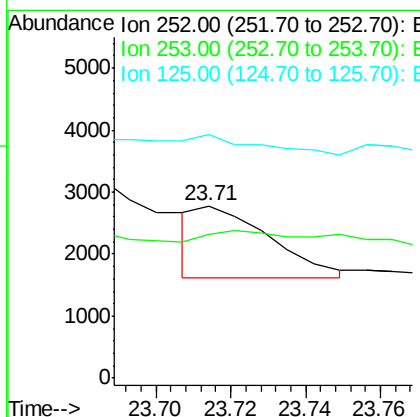
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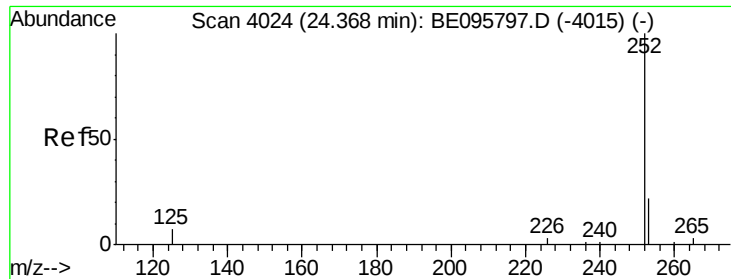
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#22
Benzo(k)fluoranthene
Concen: 0.069 ng/ul m
RT: 23.71 min Scan# 3932
Delta R.T. -0.00 min
Lab File: BE095800.D
Acq: 15 Mar 2018 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	83.7	24.5	36.7#
125	141.6	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.262 ng/ul m

RT: 24.38 min Scan# 4026

Delta R.T. 0.01 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Instrument :

BNA_E

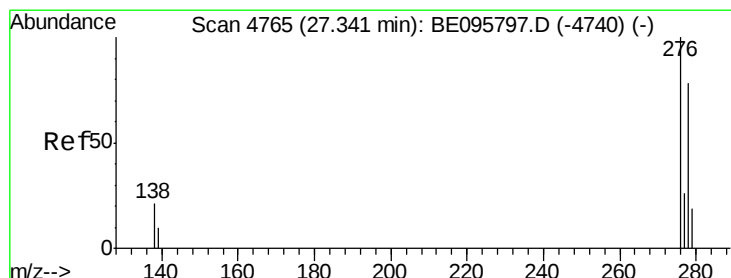
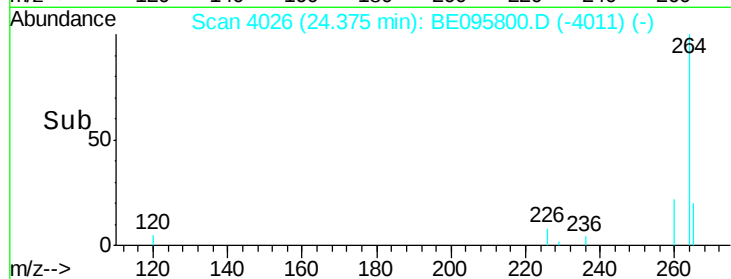
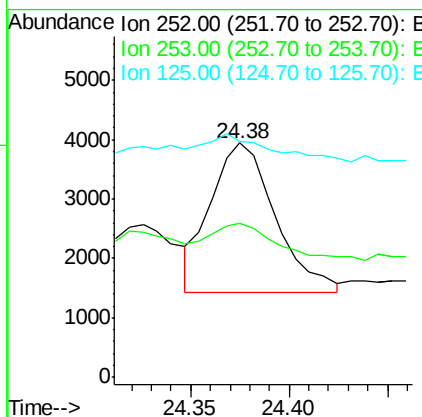
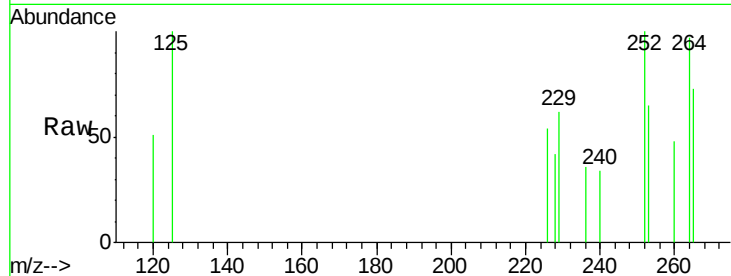
ClientSampleId :

F6F28

Tot Ion:	252	Resp:	5727
Ion Ratio	Lower	Upper	
252	100		
253	65.5	28.5	42.7#
125	100.5	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.145 ng/ul m

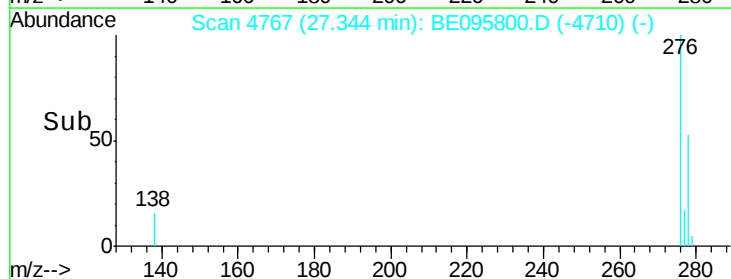
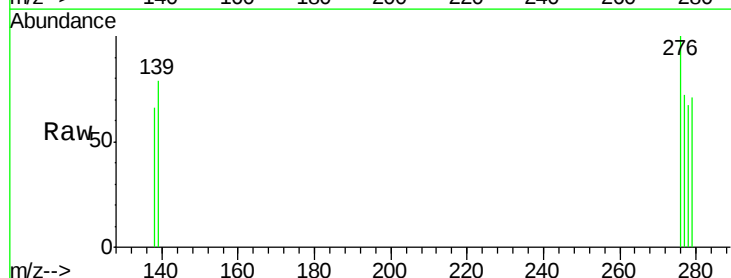
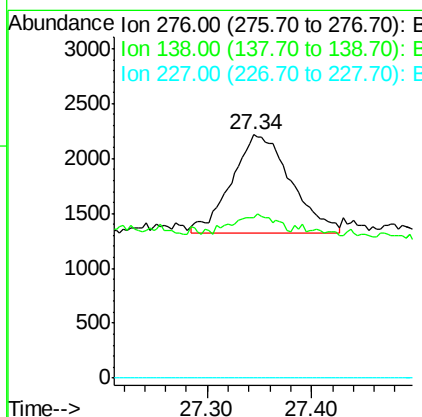
RT: 27.34 min Scan# 4767

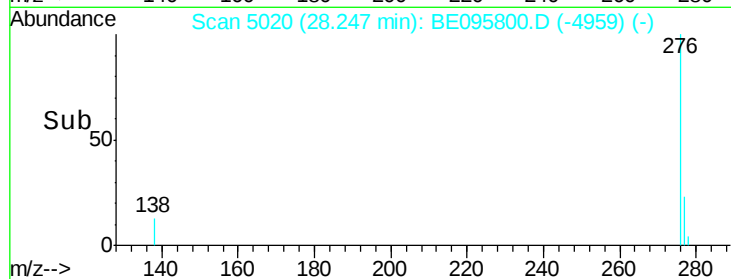
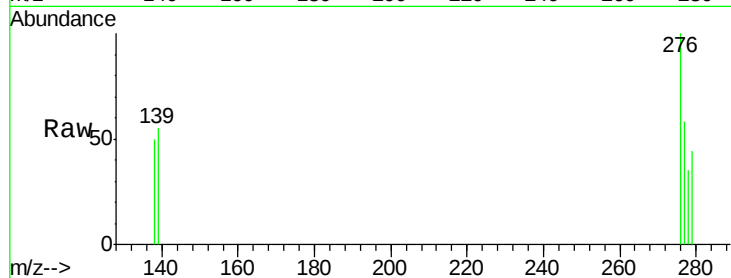
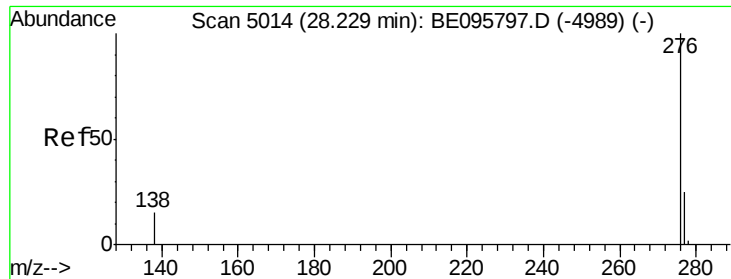
Delta R.T. 0.00 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Tgt Ion:	276	Resp:	3508
Ion Ratio	Lower	Upper	
276	100		
138	6.0	28.0	42.0#
227	0.0	8.0	12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.349 ng/ul m

RT: 28.25 min Scan# 5020

Delta R.T. 0.02 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Instrument :

BNA_E

ClientSampleId :

F6F28

Tot Ion: 276 Resp: 7282

Ion Ratio Lower Upper

276 100

138 49.6 21.8 32.8#

277 58.0 20.5 30.7#

Manual Integrations

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