

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022707.D
 Acq On : 17 Sep 2019 15:19
 Operator : HP/JU
 Sample : K4780-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN4

Manual Integrations
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Quant Time: Sep 17 18:32:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	10181	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	43030	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.47	164	27706	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	56160m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	53944m	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	46644m	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	18951	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	53603m	0.35	ng/ul	0.00

Target Compounds				Qvalue		
11) Pentachlorophenol	16.86	266	703m	0.062	ng/ul	
12) Phenanthrene	17.25	178	5748m	0.032	ng/ul	
13) Anthracene	17.34	178	5081m	0.033	ng/ul	
15) Fluoranthene	19.26	202	8411m	0.044	ng/ul	
17) Pyrene	19.63	202	8915	0.036	ng/ul#	84
18) Benzo(a)anthracene	21.37	228	5945m	0.029	ng/ul	
19) Chrysene	21.42	228	6210	0.029	ng/ul#	94
21) Benzo(b)fluoranthene	22.98	252	8188	0.040	ng/ul#	1
22) Benzo(k)fluoranthene	23.02	252	5452	0.026	ng/ul#	8
23) Benzo(a)pyrene	23.57	252	5549	0.031	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.98	276	5449	0.025	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.99	278	3702	0.021	ng/ul#	42
26) Benzo(g,h,i)perylene	26.68	276	4572	0.027	ng/ul#	74

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

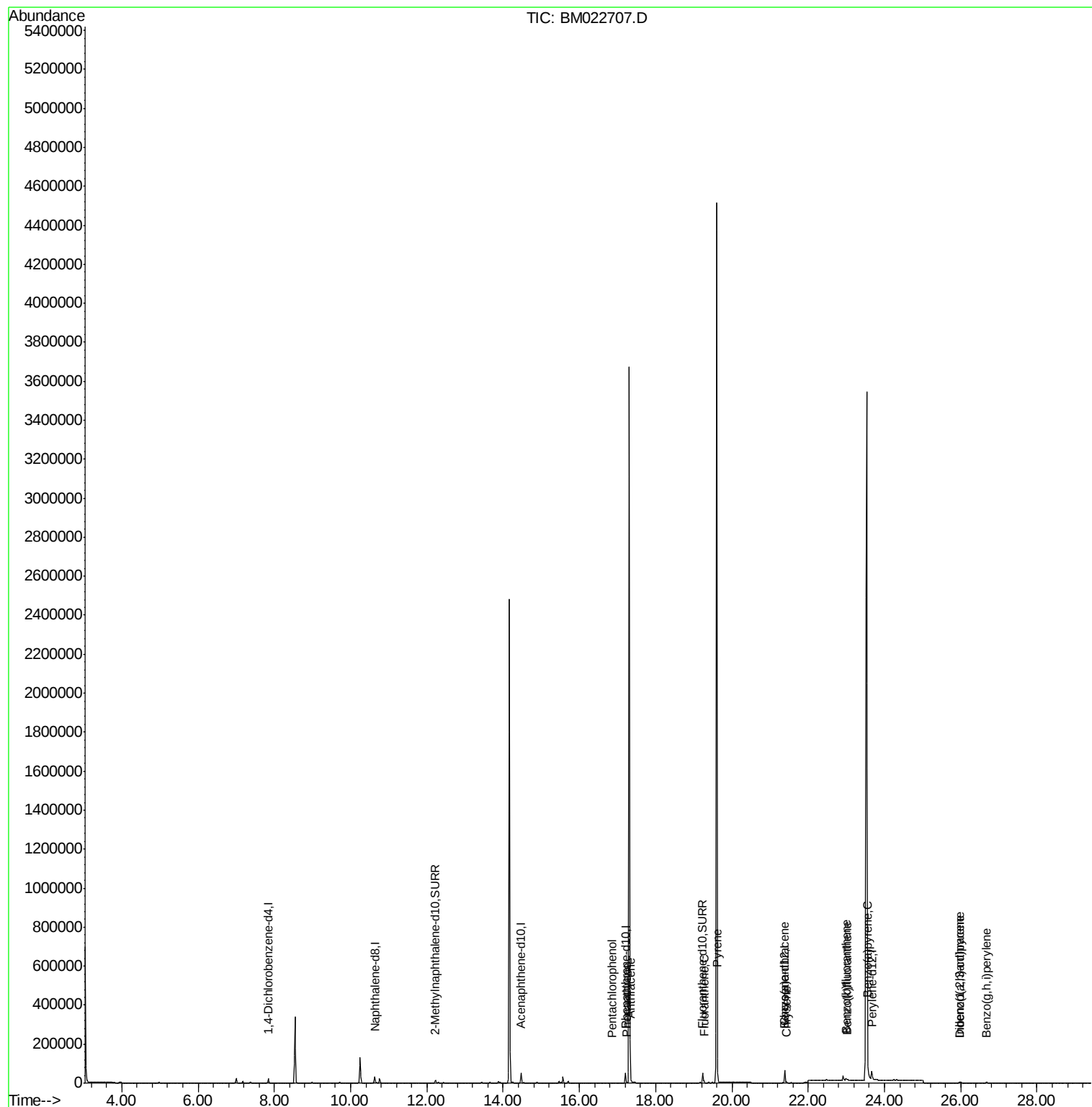
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022707.D
Acq On : 17 Sep 2019 15:19
Operator : HP/JU
Sample : K4780-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

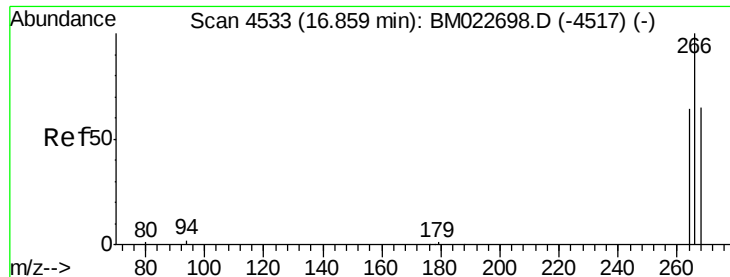
Instrument :
BNA_M
ClientSampleId :
H0BN4

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Quant Time: Sep 17 18:32:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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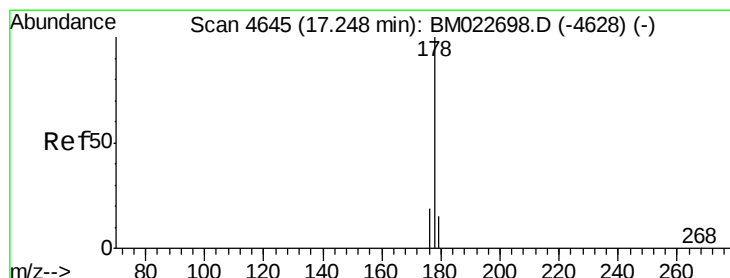
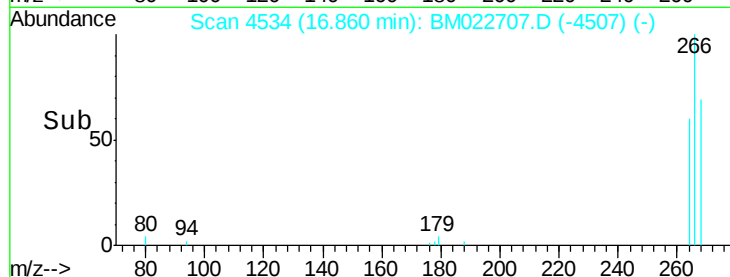
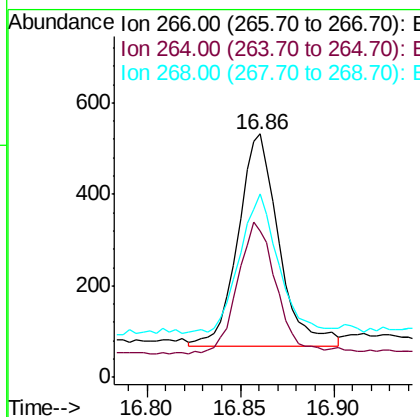
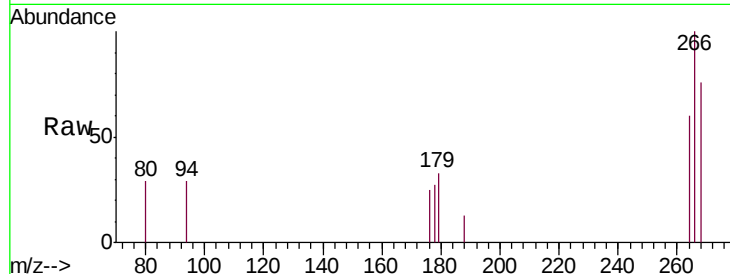
#11
 Pentachlorophenol
 Concen: 0.062 ng/ul m
 RT: 16.86 min Scan# 4534
 Delta R.T. -0.01 min
 Lab File: BM022707.D
 Acq: 17 Sep 2019 15:19

Instrument :
 BNA_M
 ClientSampleId :
 H0BN4

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.4	75.6#
268	0.0	51.3	76.9#

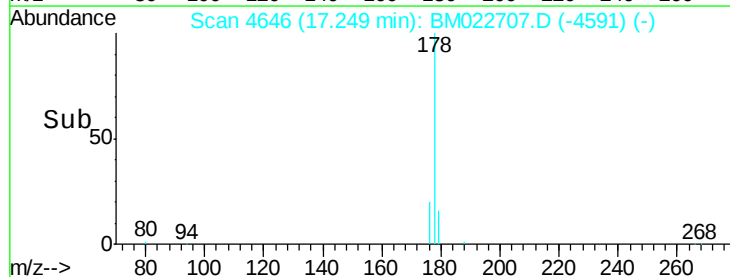
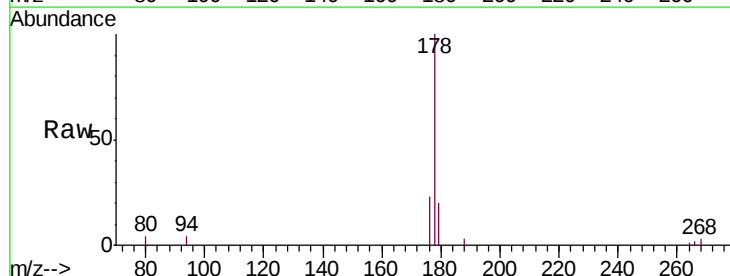
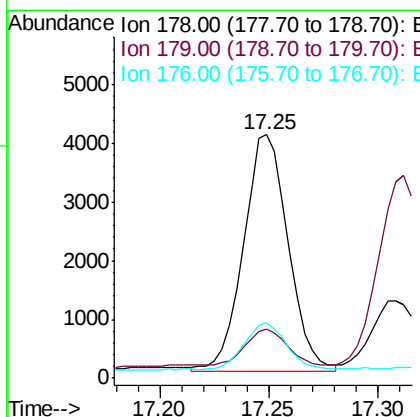
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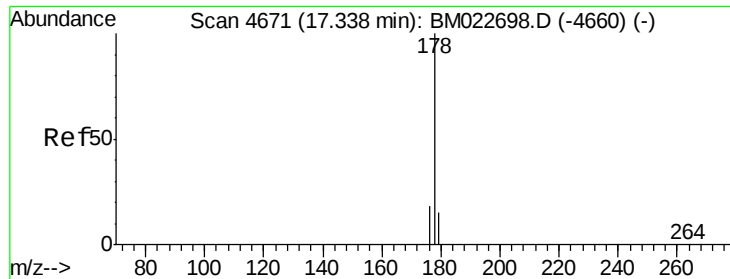
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#12
 Phenanthrene
 Concen: 0.032 ng/ul m
 RT: 17.25 min Scan# 4646
 Delta R.T. -0.01 min
 Lab File: BM022707.D
 Acq: 17 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.4	18.6#
176	22.6	15.3	22.9





#13

Anthracene

Concen: 0.033 ng/ul m

RT: 17.34 min Scan# 4672

Delta R.T. -0.01 min

Lab File: BM022707.D

Acq: 17 Sep 2019 15:19

Instrument :

BNA_M

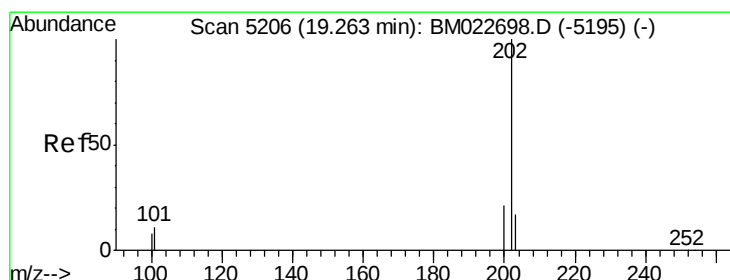
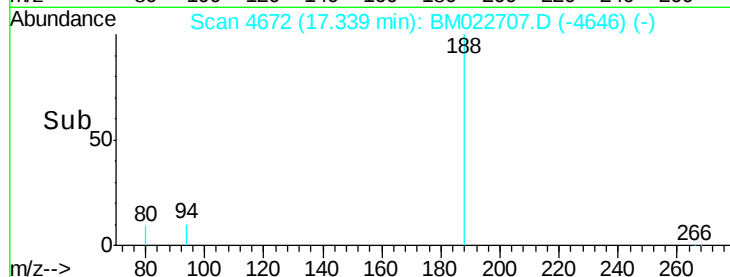
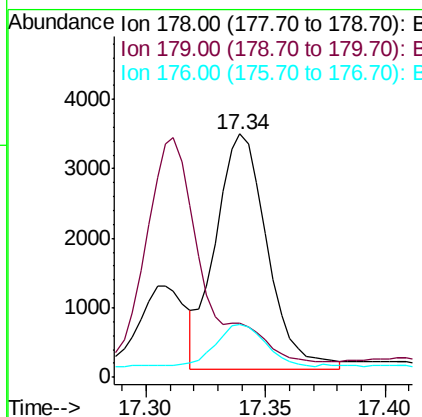
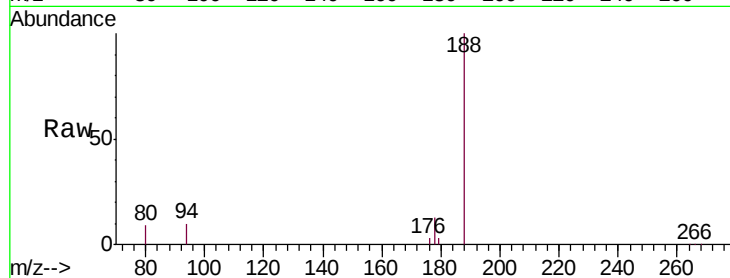
ClientSampleId :

H0BN4

Tgt Ion:	178	Resp:	5081
Ion Ratio	Lower	Upper	
178	100		
179	22.4	12.5	18.7#
176	21.8	14.8	22.2

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#15

Fluoranthene

Concen: 0.044 ng/ul m

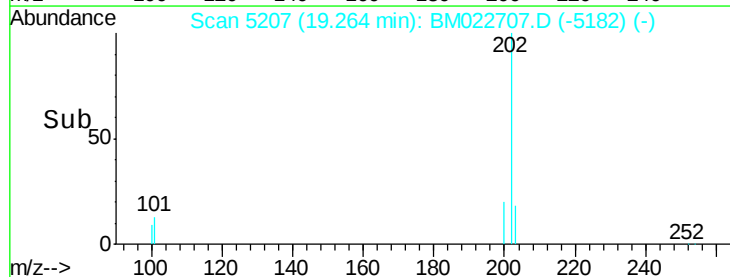
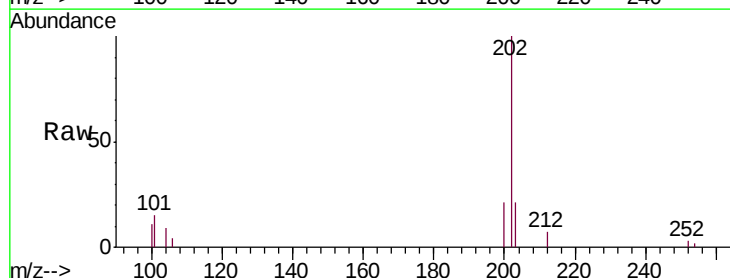
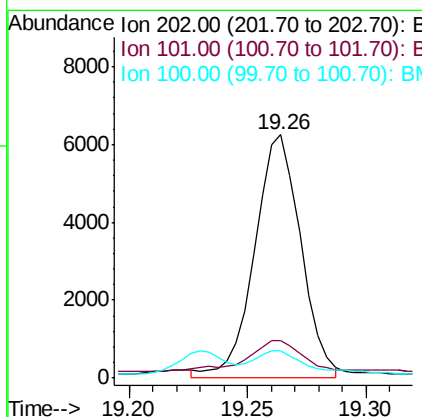
RT: 19.26 min Scan# 5207

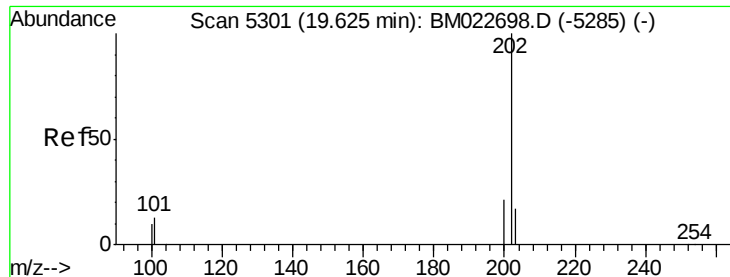
Delta R.T. -0.01 min

Lab File: BM022707.D

Acq: 17 Sep 2019 15:19

Tgt Ion:	202	Resp:	8411
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	30.5
100	11.0	0.0	28.0





#17

Pyrene

Concen: 0.036 ng/ul

RT: 19.63 min Scan# 5302

Delta R.T. -0.01 min

Lab File: BM022707.D

Acq: 17 Sep 2019 15:19

Instrument :

BNA_M

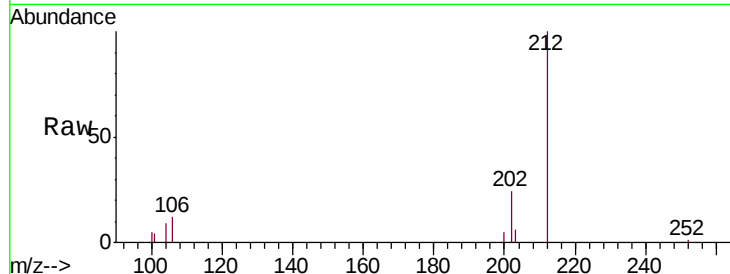
ClientSampleId :

H0BN4

Tgt Ion:	202	Resp:	8915
Ion Ratio	Lower	Upper	
202	100		
101	16.5	10.0	15.0#
100	19.0	8.1	12.1#

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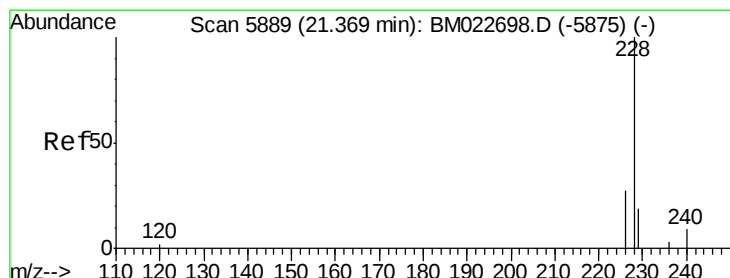
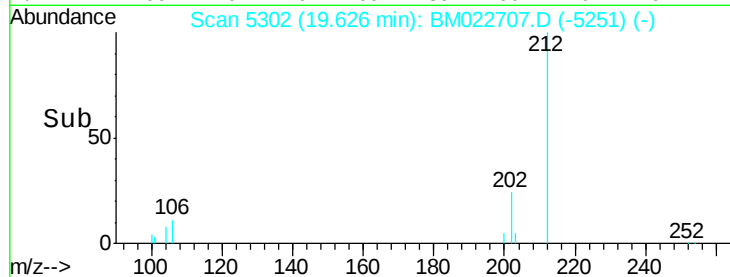
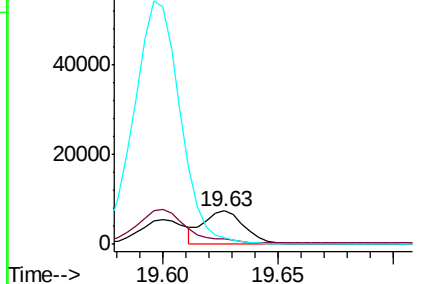
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.029 ng/ul m

RT: 21.37 min Scan# 5890

Delta R.T. -0.00 min

Lab File: BM022707.D

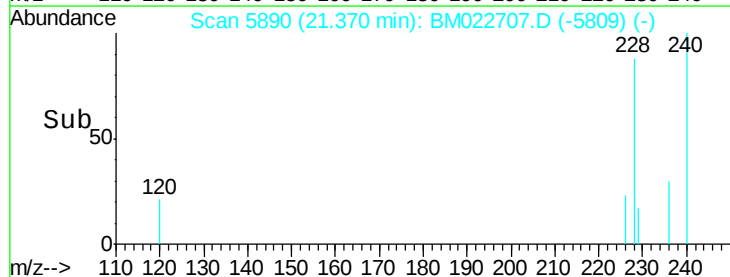
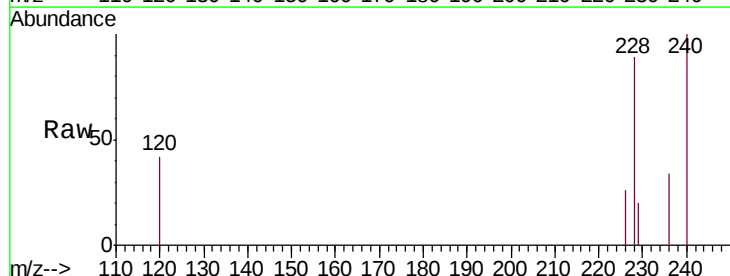
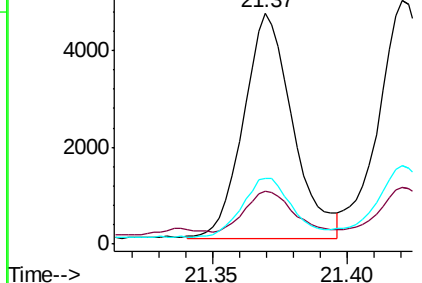
Acq: 17 Sep 2019 15:19

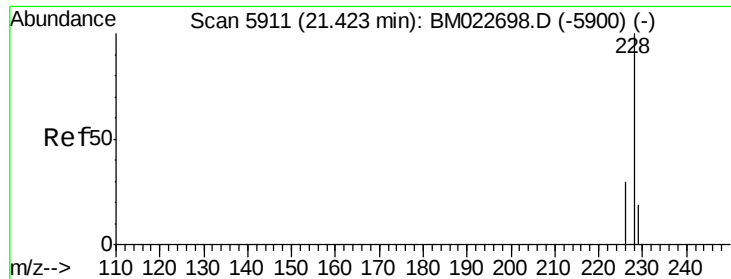
Tgt Ion:	228	Resp:	5945
Ion Ratio	Lower	Upper	
228	100		
229	22.9	15.6	23.4
226	28.7	22.0	33.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.029 ng/ul

RT: 21.42 min Scan# 5911

Delta R.T. -0.01 min

Lab File: BM022707.D

Acq: 17 Sep 2019 15:19

Instrument :

BNA_M

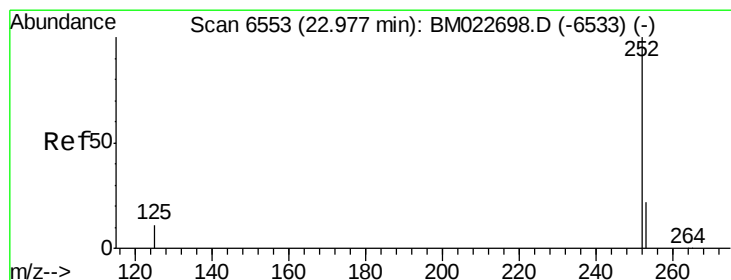
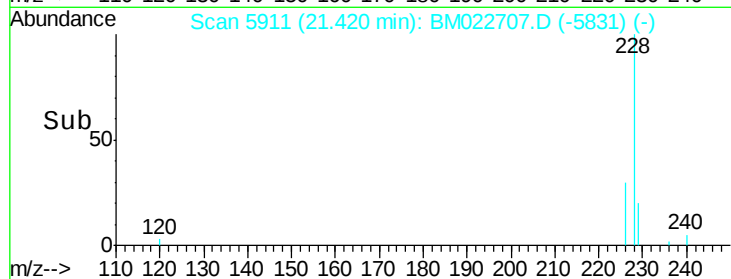
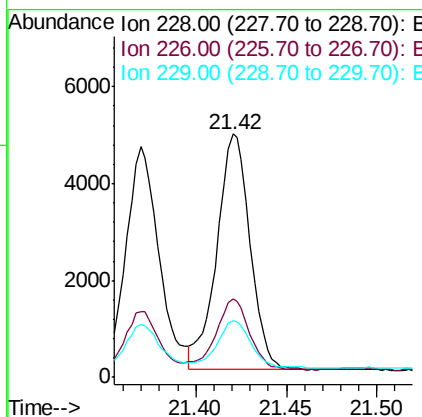
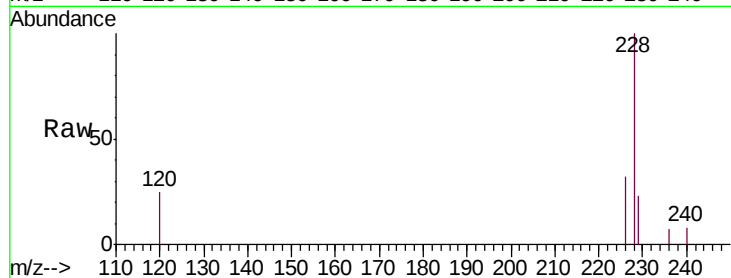
ClientSampleId :

H0BN4

Tgt Ion:	228	Resp:	6210
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.8	35.8
229	23.3	15.5	23.3#

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#21

Benzo(b)fluoranthene

Concen: 0.040 ng/ul

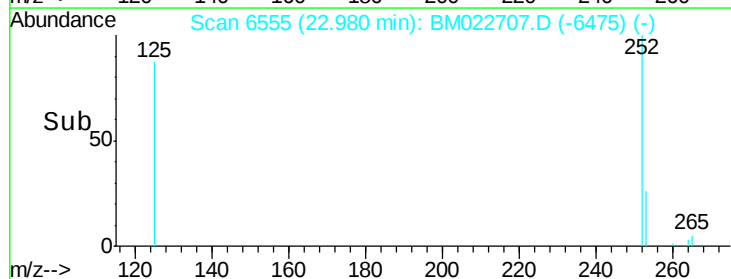
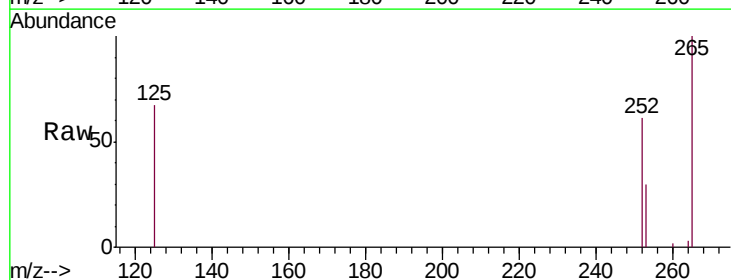
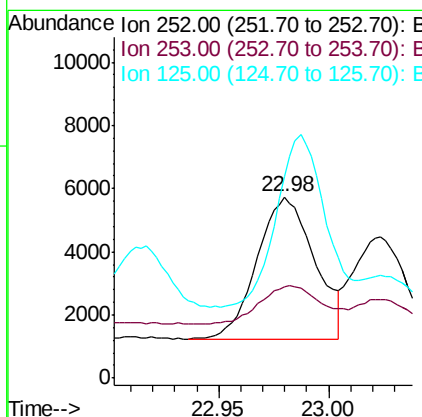
RT: 22.98 min Scan# 6555

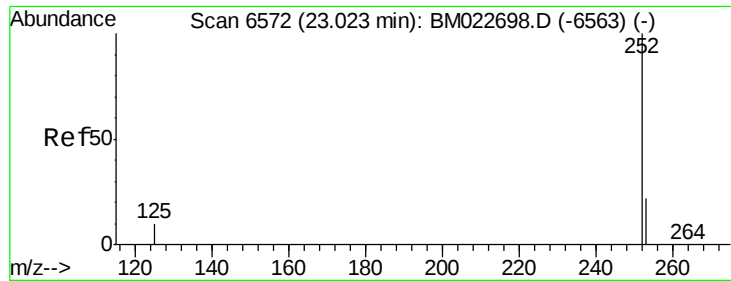
Delta R.T. -0.01 min

Lab File: BM022707.D

Acq: 17 Sep 2019 15:19

Tgt Ion:	252	Resp:	8188
Ion Ratio	Lower	Upper	
252	100		
253	50.2	0.0	48.4#
125	111.3	0.0	31.2#





#22

Benzo(k)fluoranthene

Concen: 0.026 ng/ul

RT: 23.02 min Scan# 6573

Delta R.T. -0.00 min

Lab File: BM022707.D

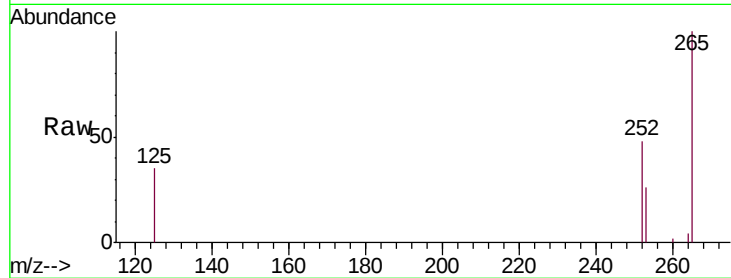
Acq: 17 Sep 2019 15:19

Instrument :

BNA_M

ClientSampled :

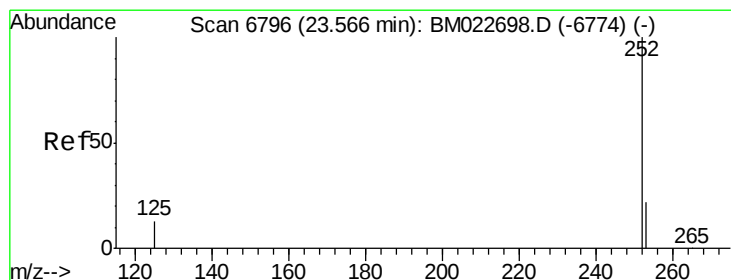
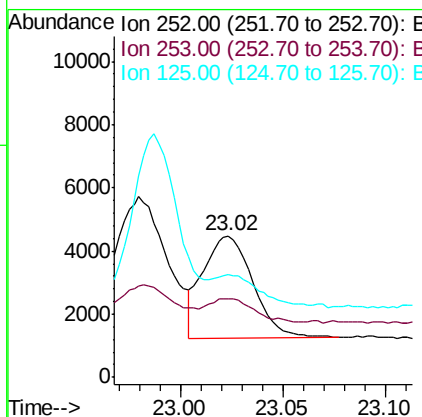
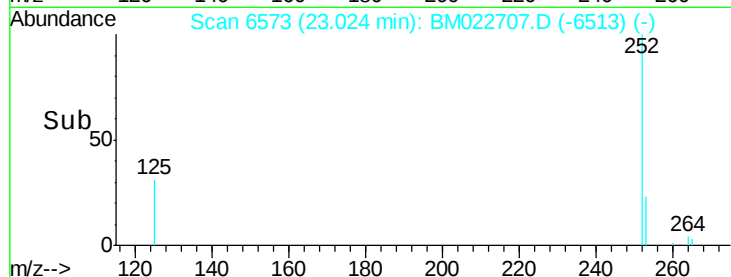
H0BN4



Tgt Ion:	252	Resp:	5452
Ion Ratio	Lower	Upper	
252	100		
253	55.3	19.5	29.3#
125	72.2	11.2	16.8#

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#23

Benzo(a)pyrene

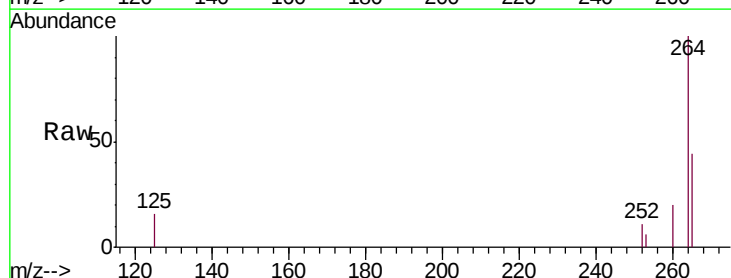
Concen: 0.031 ng/ul

RT: 23.57 min Scan# 6797

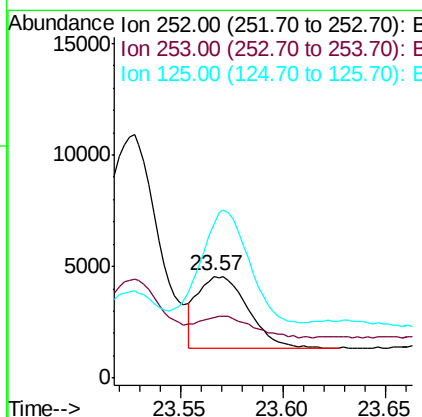
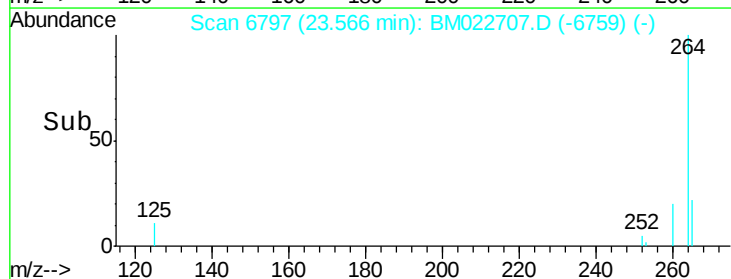
Delta R.T. -0.01 min

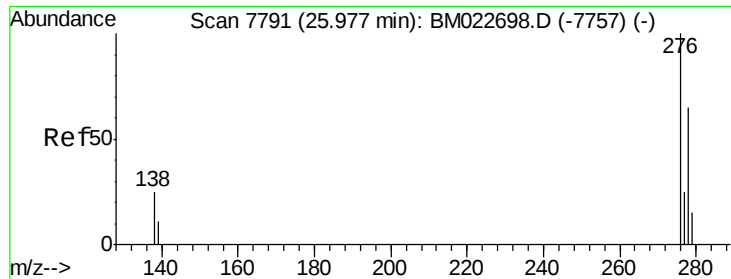
Lab File: BM022707.D

Acq: 17 Sep 2019 15:19



Tgt Ion:	252	Resp:	5549
Ion Ratio	Lower	Upper	
252	100		
253	60.0	20.2	30.2#
125	151.0	15.7	23.5#





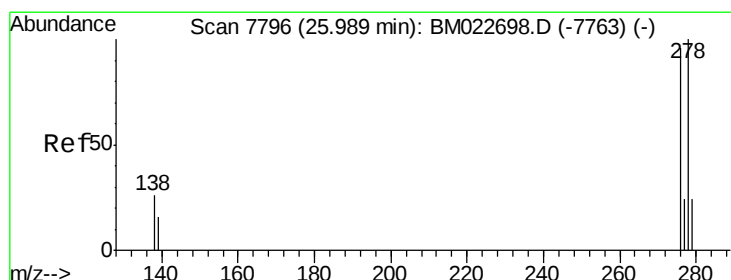
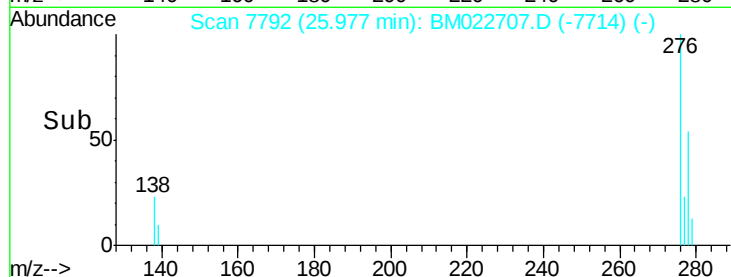
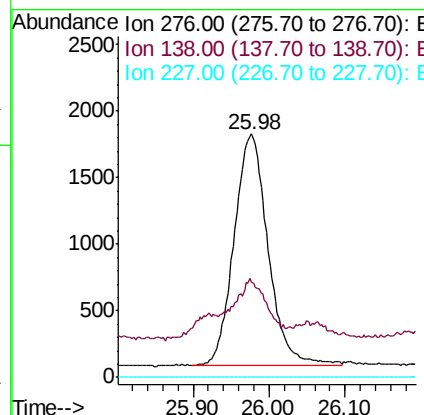
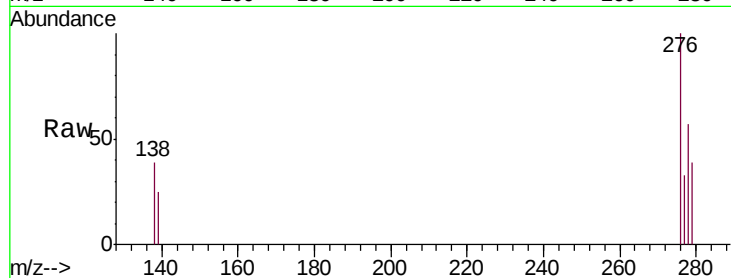
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.025 ng/u1
 RT: 25.98 min Scan# 7792
 Delta R.T. -0.01 min
 Lab File: BM022707.D
 Acq: 17 Sep 2019 15:19

Instrument :
 BNA_M
 ClientSampleId :
 H0BN4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	21.1	31.7#
227	0.0	0.0	0.0

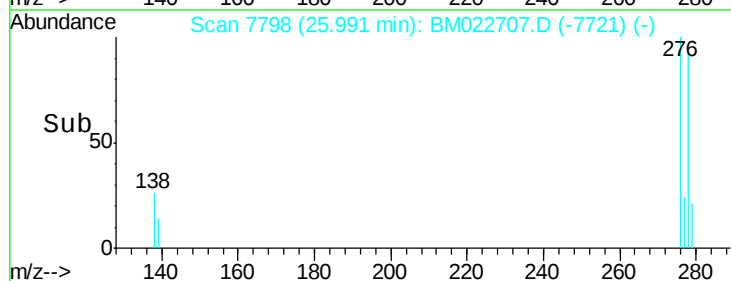
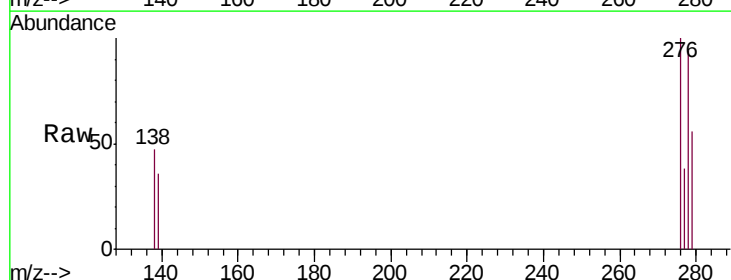
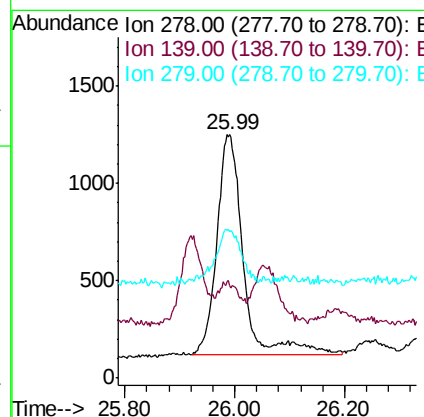
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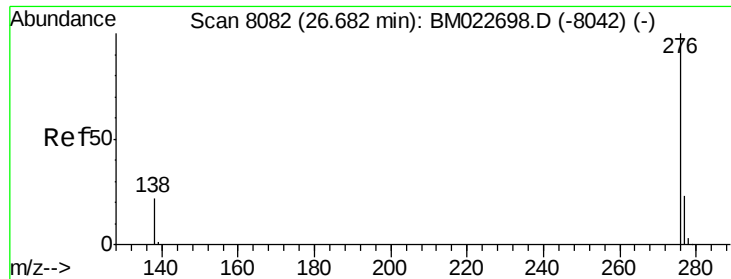
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.021 ng/u1
 RT: 25.99 min Scan# 7798
 Delta R.T. -0.01 min
 Lab File: BM022707.D
 Acq: 17 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.0	13.8	20.6#
279	60.0	21.3	31.9#





#26

Benzo(g,h,i)perylene

Concen: 0.027 ng/ul

RT: 26.68 min Scan# 8083

Delta R.T. -0.01 min

Lab File: BM022707.D

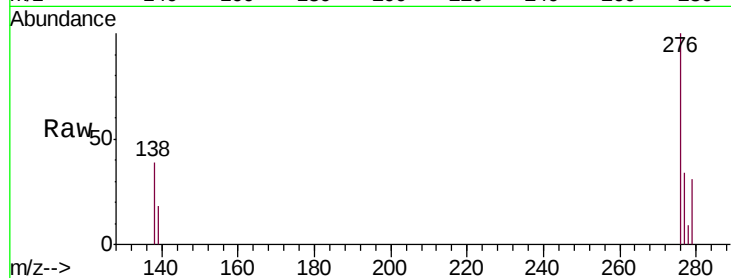
Acq: 17 Sep 2019 15:19

Instrument :

BNA_M

ClientSampleId :

H0BN4



Tgt Ion: 276 Resp: 4572

Ion Ratio Lower Upper

276 100

138 38.5 18.2 27.4#

277 33.7 19.2 28.8#

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