

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012726.D
 Acq On : 24 Nov 2020 21:03
 Operator : CG/JU
 Sample : L4751-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX0

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Quant Time: Nov 25 03:17:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 25 01:45:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	866	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3653	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2021	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4035	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3203	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3456	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	856	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1853	0.18	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	403	0.041	ng/ul#	63
12) Phenanthrene	16.89	178	3168	0.226	ng/ul	99
13) Anthracene	16.98	178	616	0.050	ng/ul#	81
15) Fluoranthene	18.92	202	10720	0.661	ng/ul	98
17) Pyrene	19.28	202	9853	0.688	ng/ul	97
18) Benzo(a)anthracene	21.05	228	4672	0.407	ng/ul	99
19) Chrysene	21.10	228	5894	0.411	ng/ul	98
21) Benzo(b)fluoranthene	22.55	252	7879m	0.496	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	3044m	0.166	ng/ul	
23) Benzo(a)pyrene	23.09	252	5036	0.337	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.25	276	3757	0.192	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.27	278	888	0.056	ng/ul#	40
26) Benzo(g,h,i)perylene	25.89	276	3467	0.197	ng/ul#	93

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

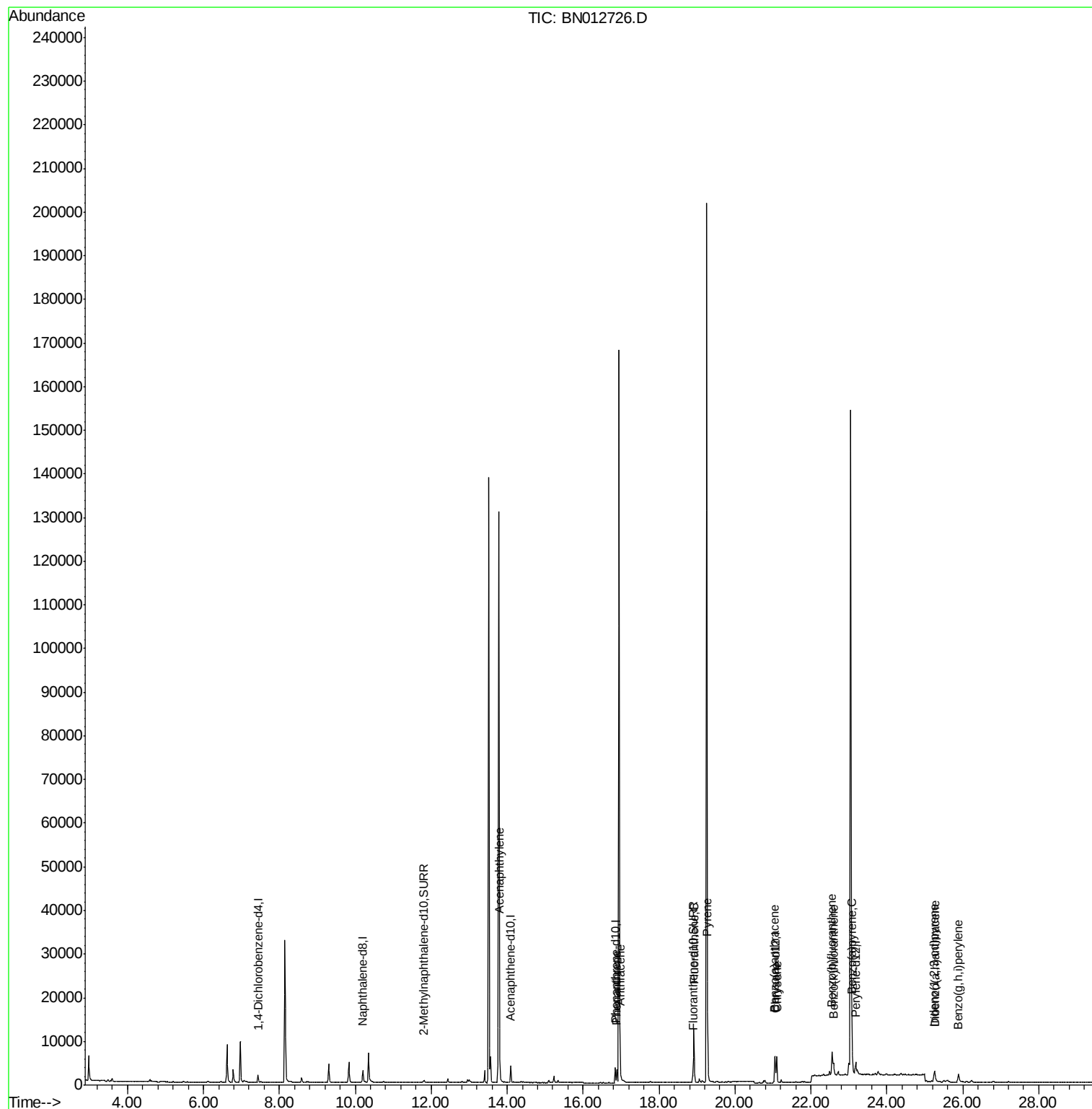
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012726.D
Acq On : 24 Nov 2020 21:03
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Misc :
ALS Vial : 18 Sample Multiplier: 1

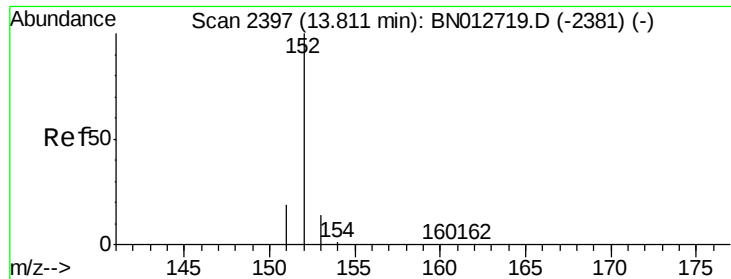
Instrument :
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Quant Time: Nov 25 03:17:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 01:45:20 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.81 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

Instrument :

BNA_N

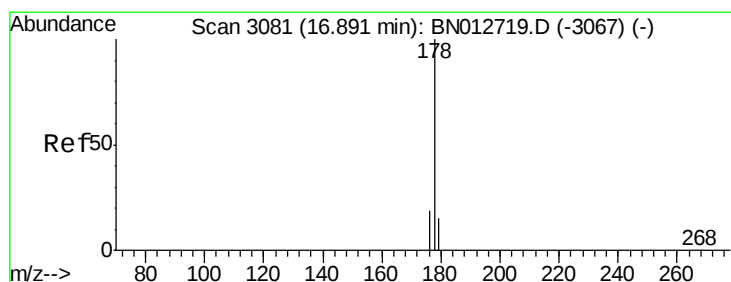
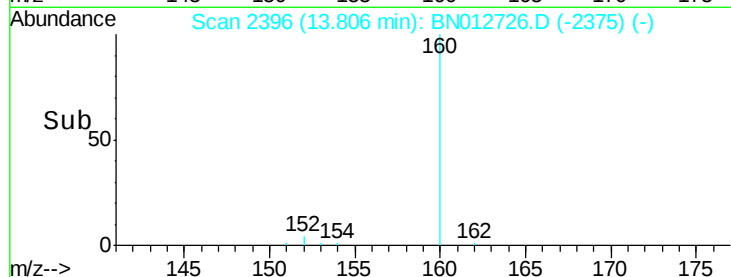
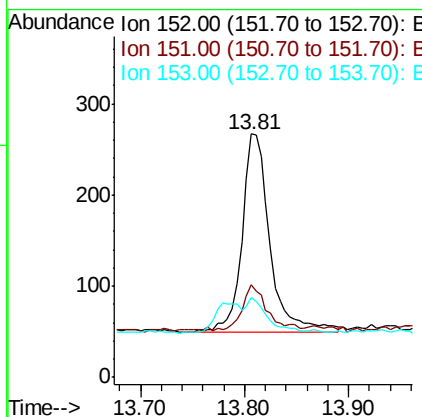
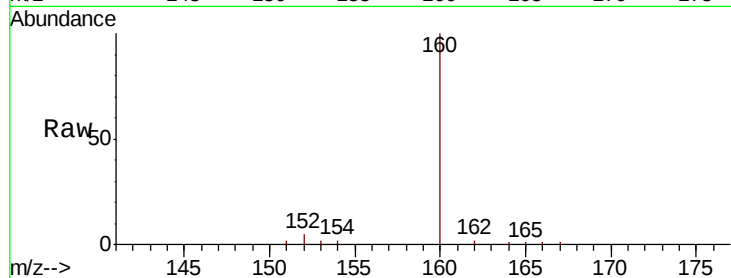
ClientSampleId :

C0AX0

Tot Ion:	152	Resp:	403
Ion Ratio	Lower	Upper	
152	100		
151	37.8	17.1	25.7#
153	33.0	12.6	19.0#

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#12

Phenanthrene

Concen: 0.226 ng/ul

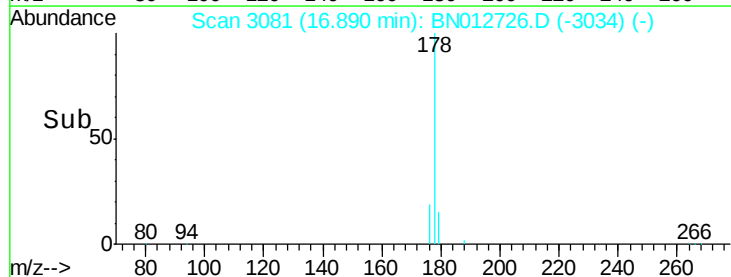
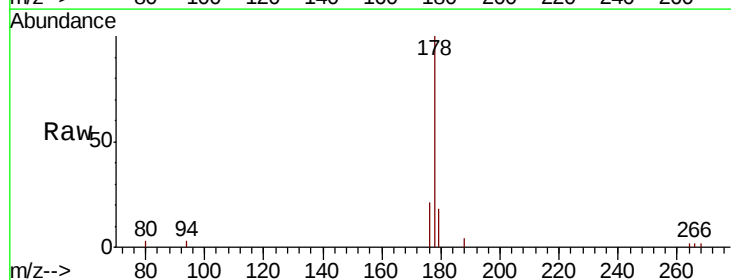
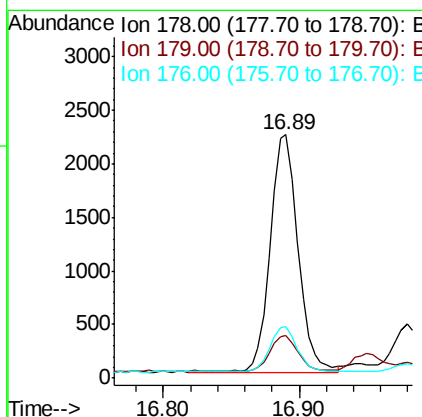
RT: 16.89 min Scan# 3081

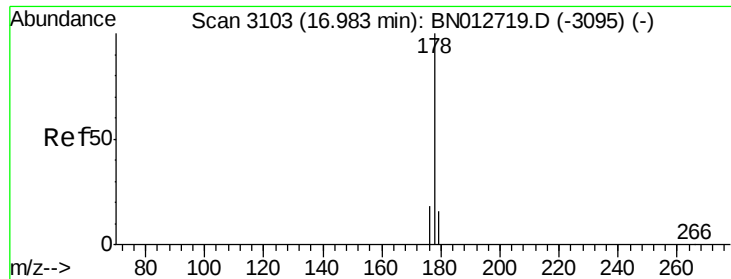
Delta R.T. 0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

Tgt Ion:	178	Resp:	3168
Ion Ratio	Lower	Upper	
178	100		
179	17.6	13.8	20.6
176	21.2	16.7	25.1





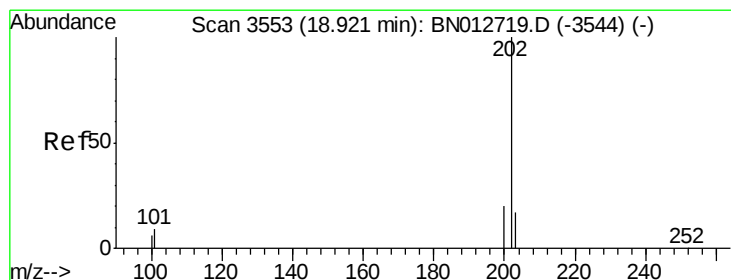
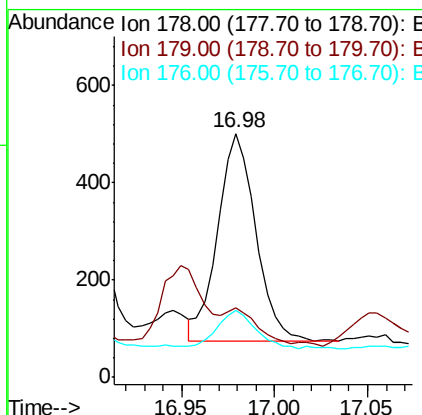
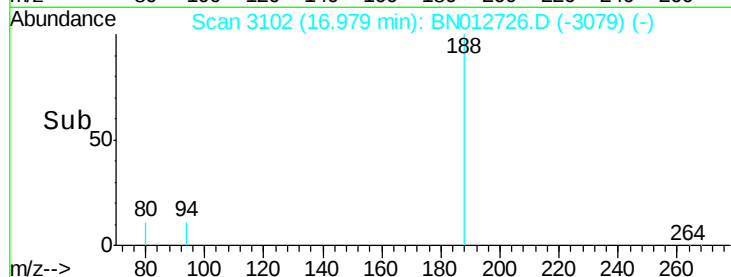
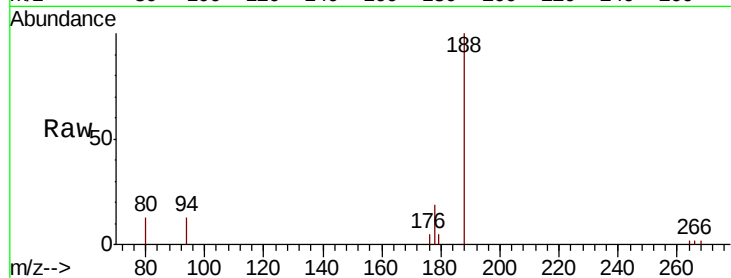
#13
 Anthracene
 Concen: 0.050 ng/ul
 RT: 16.98 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BN012726.D
 Acq: 24 Nov 2020 21:03

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	28.5	14.8	22.2#
176	27.5	16.3	24.5#

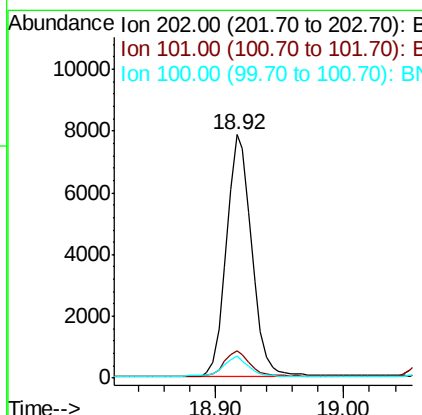
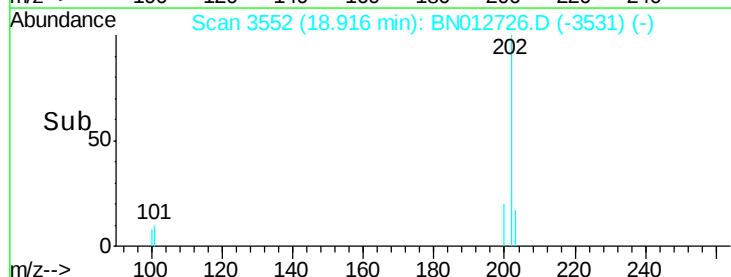
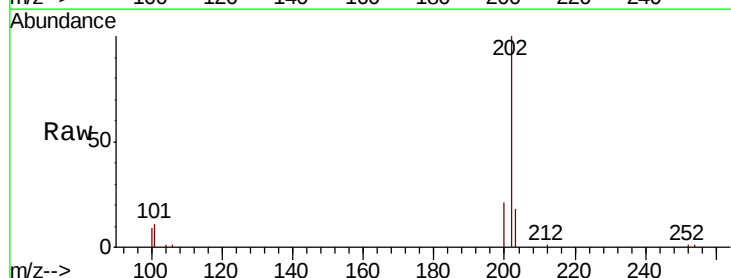
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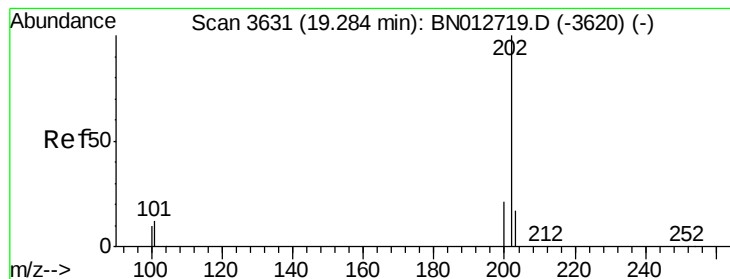
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#15
 Fluoranthene
 Concen: 0.661 ng/ul
 RT: 18.92 min Scan# 3552
 Delta R.T. -0.00 min
 Lab File: BN012726.D
 Acq: 24 Nov 2020 21:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.5
100	8.9	0.0	28.4





#17

Pvrene

Concen: 0.688 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. 0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

Instrument :

BNA_N

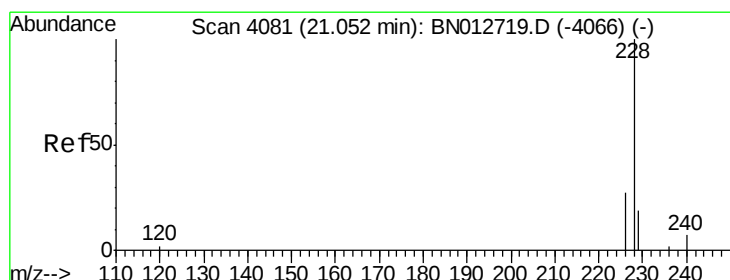
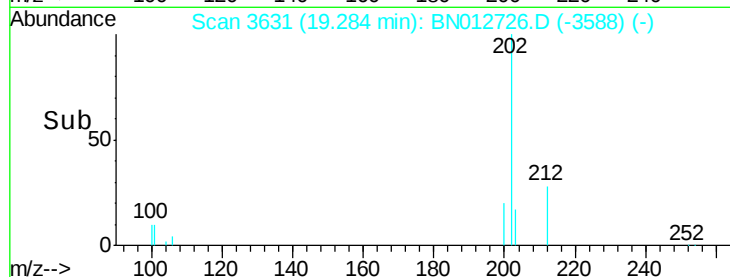
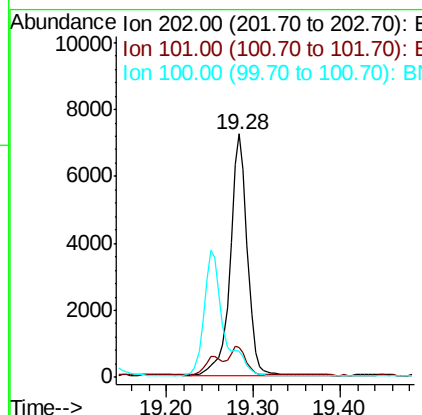
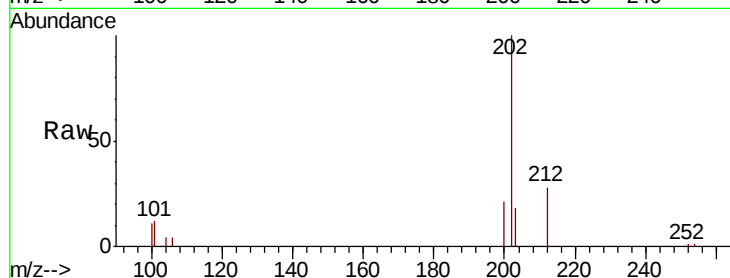
ClientSampleId :

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Tot Ion:	202	Resp:	9853
Ion Ratio	Lower	Upper	
202	100		
101	12.1	8.9	13.3
100	10.6	7.4	11.2

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#18

Benzo(a)anthracene

Concen: 0.407 ng/ul

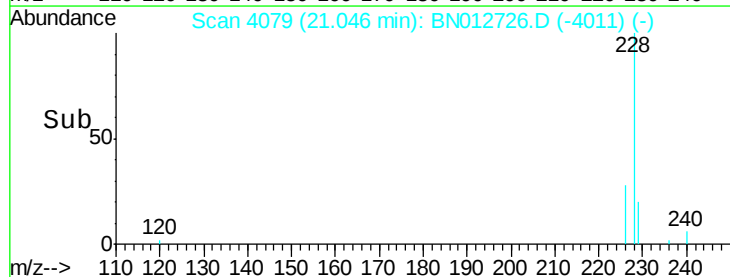
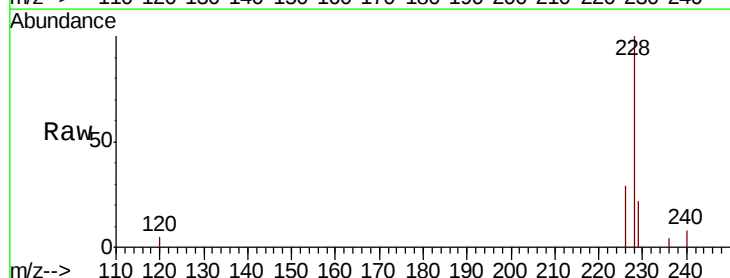
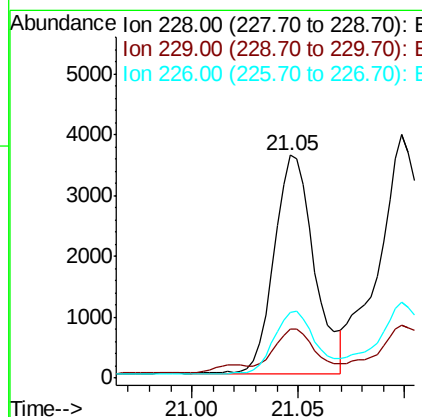
RT: 21.05 min Scan# 4079

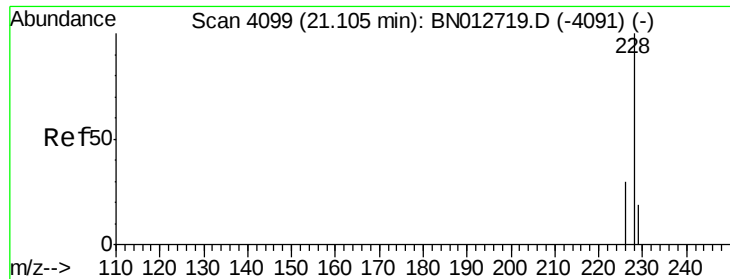
Delta R.T. -0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

Tgt Ion:	228	Resp:	4672
Ion Ratio	Lower	Upper	
228	100		
229	21.9	16.9	25.3
226	29.3	23.1	34.7





#19

Chrysene

Concen: 0.411 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

Instrument :

BNA_N

ClientSampleId :

C0AX0

Tot Ion:228 Resp: 5894

Ion Ratio Lower Upper

228 100

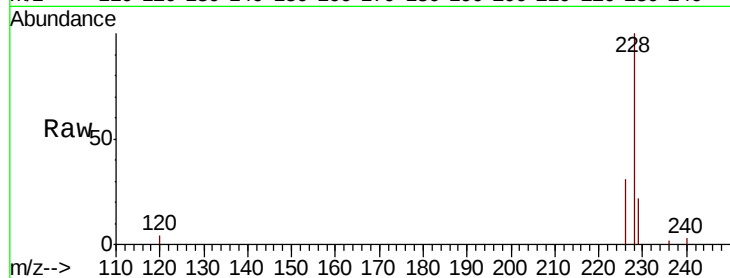
226 31.1 24.4 36.6

229 21.9 16.1 24.1

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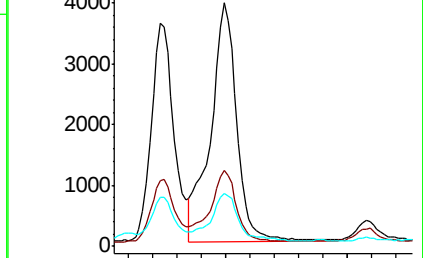
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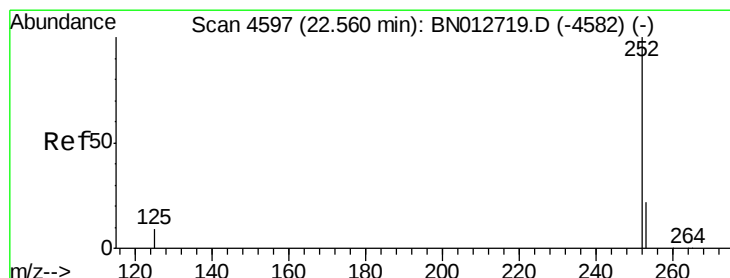
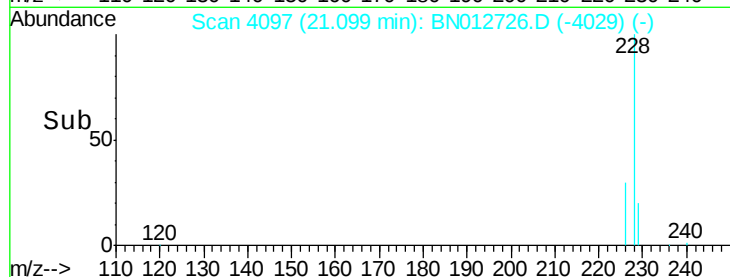
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#21

Benzo(b)fluoranthene

Concen: 0.496 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

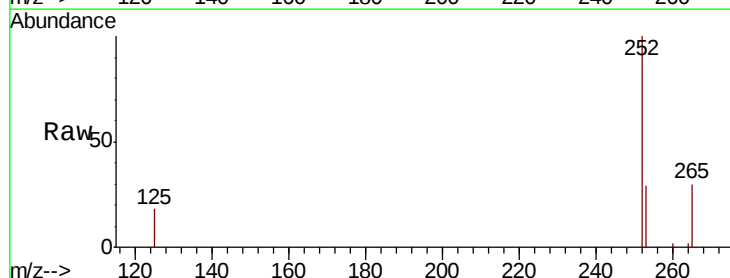
Tgt Ion:252 Resp: 7879

Ion Ratio Lower Upper

252 100

253 29.0 0.0 58.4

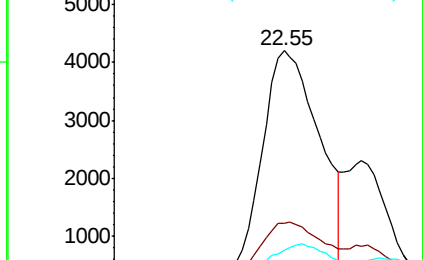
125 18.1 0.0 28.6



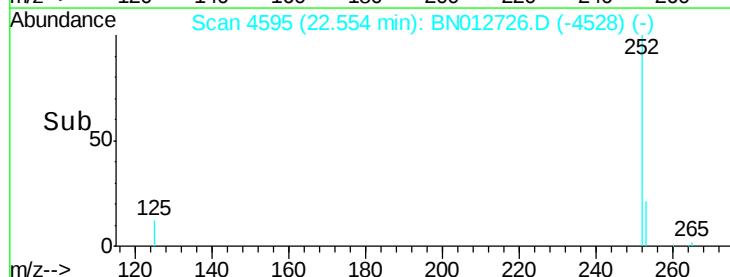
Abundance Ion 252.00 (251.70 to 252.70): E

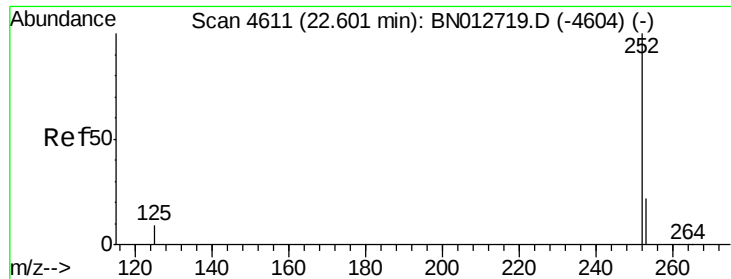
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





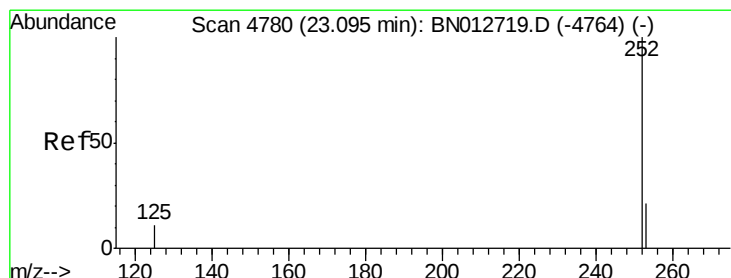
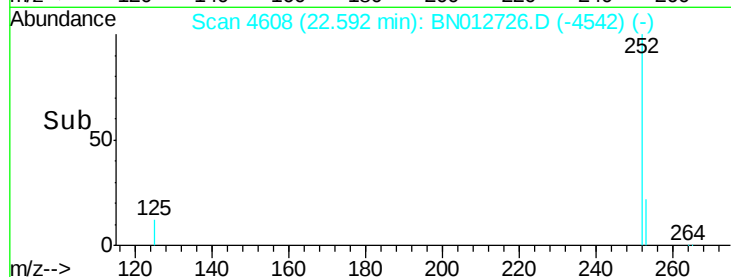
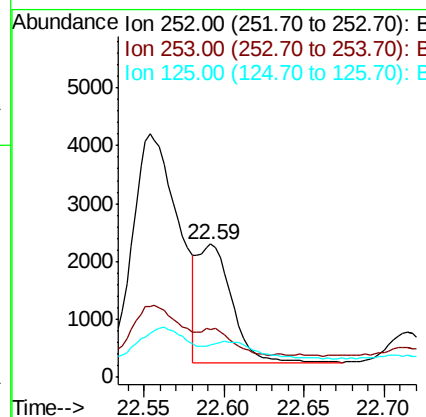
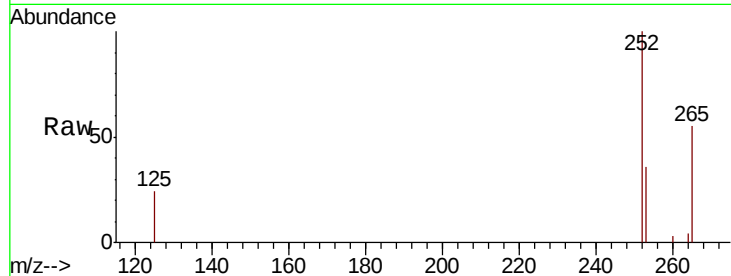
#22
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 22.59 min Scan# 4608
Delta R.T. -0.01 min
Lab File: BN012726.D
Acq: 24 Nov 2020 21:03

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	35.6	23.4	35.2#
125	23.9	10.2	15.2#

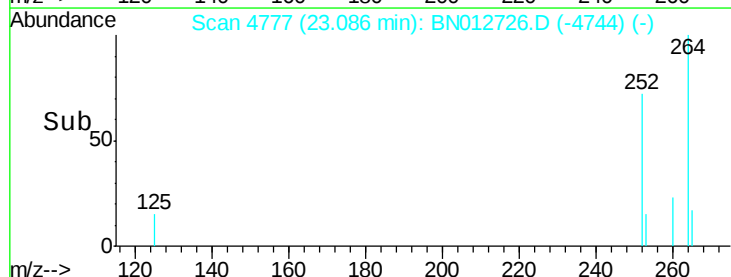
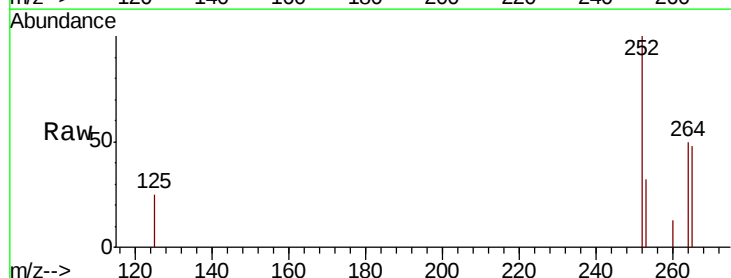
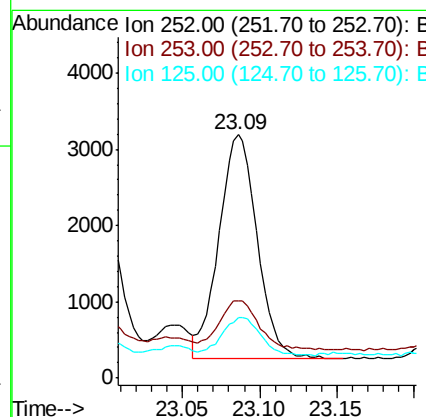
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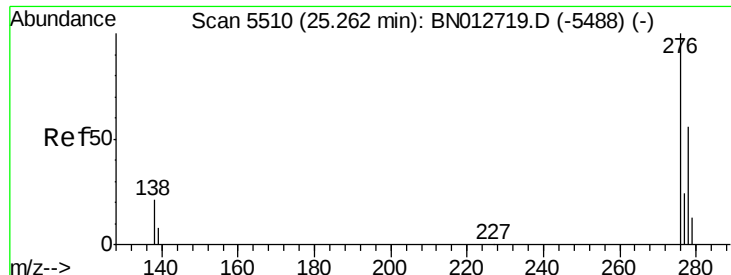
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#23
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.09 min Scan# 4777
Delta R.T. -0.00 min
Lab File: BN012726.D
Acq: 24 Nov 2020 21:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.5	27.6	41.4
125	24.7	17.0	25.4





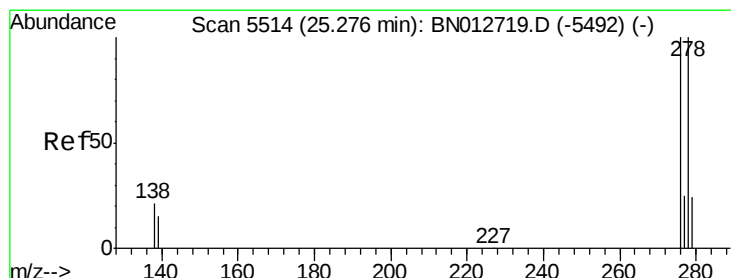
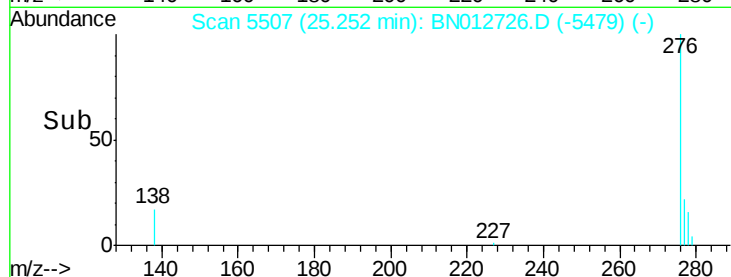
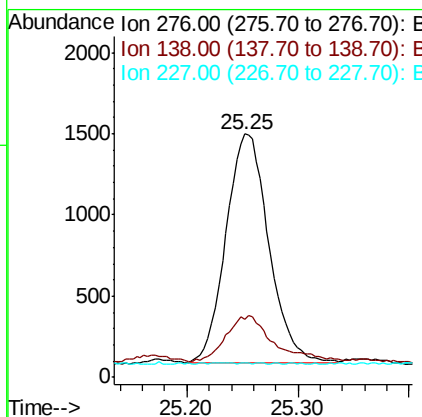
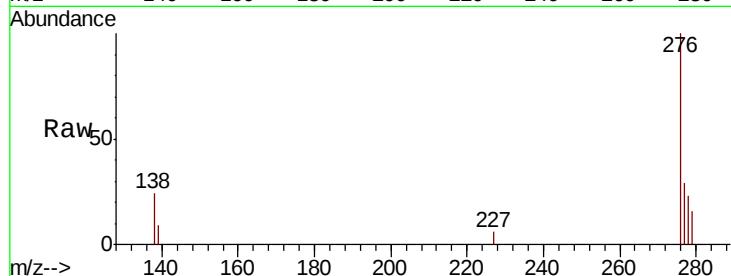
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 25.25 min Scan# 5507
Delta R.T. -0.01 min
Lab File: BN012726.D
Acq: 24 Nov 2020 21:03

Instrument :
BNA_N
ClientSampleId :
C0AX0

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	16.5	24.7
227	0.1	0.1	0.1#

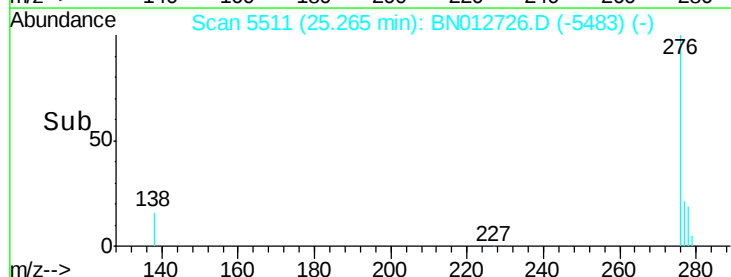
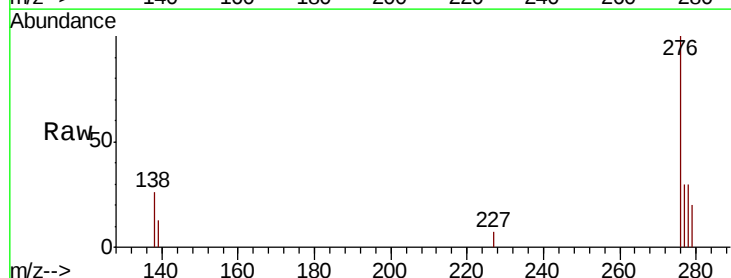
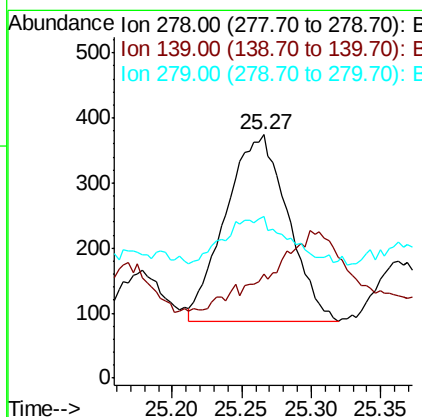
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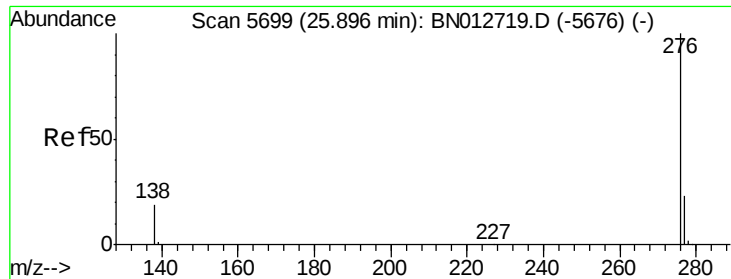
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#25
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.27 min Scan# 5511
Delta R.T. -0.01 min
Lab File: BN012726.D
Acq: 24 Nov 2020 21:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.8	13.8	20.8#
279	66.3	25.6	38.4#





#26
Benzo(a,h,i)perylene
Concen: 0.197 ng/ul
RT: 25.89 min Scan# 5696
Delta R.T. -0.00 min
Lab File: BN012726.D
Acq: 24 Nov 2020 21:03

Instrument :
BNA_N
ClientSampleId :
C0AX0

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	16.3	24.5#
277	28.8	21.8	32.8

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