

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
 Data File : BN006331.D
 Acq On : 14 Jun 2019 12:12
 Operator : JU/SJ
 Sample : K3332-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4227

Manual Integrations
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mohammad
 6/17/2019 8:28:39 AM

Quant Time: Jun 14 16:59:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4441	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17120	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8439	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15049m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	10468m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	9747m	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4724	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9213m	0.23	ng/ul	0.00

Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	1212	0.026	ng/ul#	82
12) Phenanthrene	17.09	178	4753	0.098	ng/ul	95
13) Anthracene	17.18	178	1328m	0.029	ng/ul	
15) Fluoranthene	19.12	202	15275m	0.286	ng/ul	
17) Pyrene	19.49	202	14310	0.260	ng/ul	98
18) Benzo(a)anthracene	21.25	228	5946	0.128	ng/ul	96
19) Chrysene	21.30	228	7608	0.175	ng/ul	96
21) Benzo(b)fluoranthene	22.83	252	10327m	0.254	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	4069m	0.103	ng/ul	
23) Benzo(a)pyrene	23.40	252	6479m	0.171	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	4682m	0.114	ng/ul	
25) Dibenzo(a,h)anthracene	25.73	278	1129m	0.034	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	3771m	0.110	ng/ul	

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

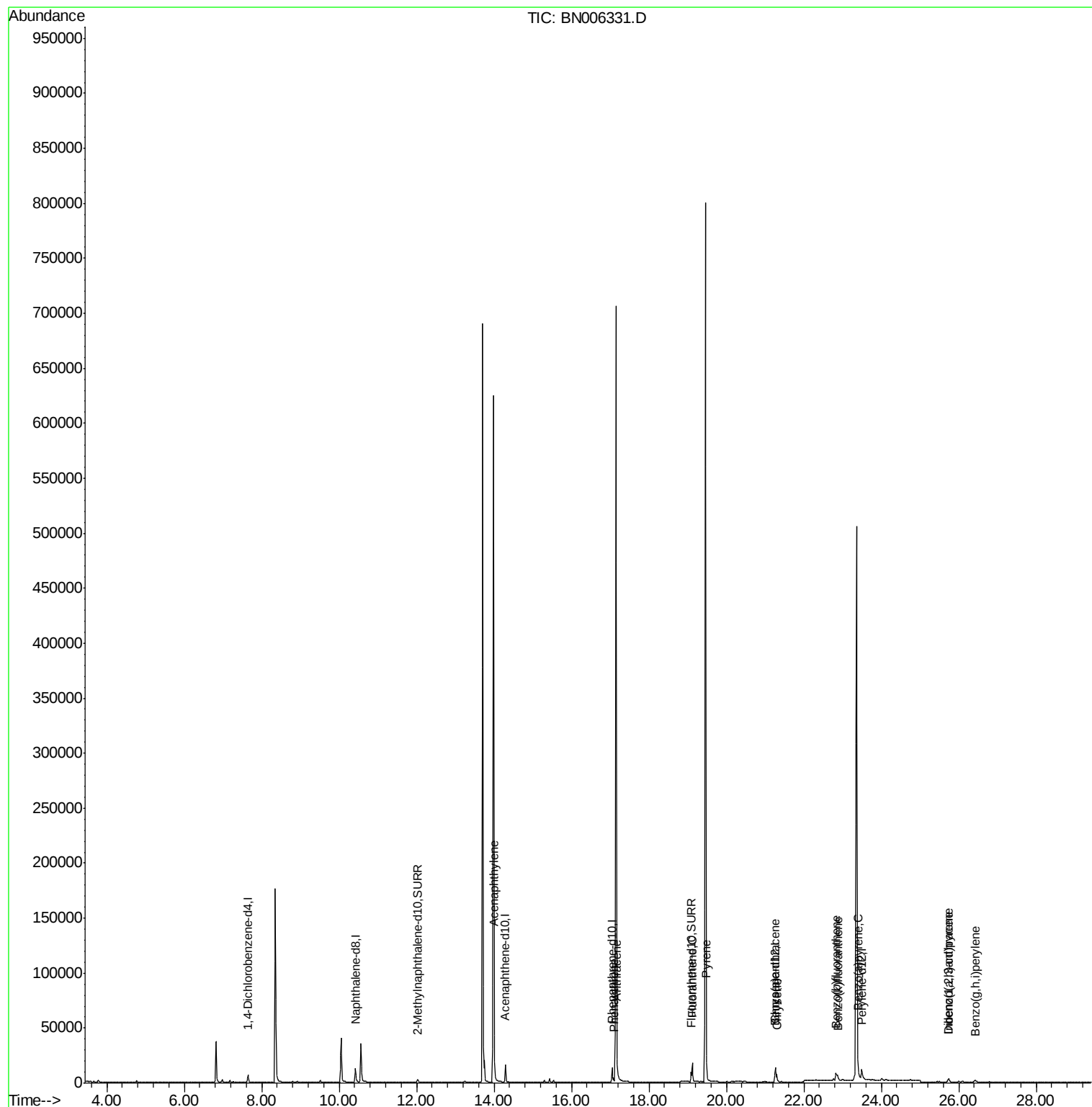
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
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Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

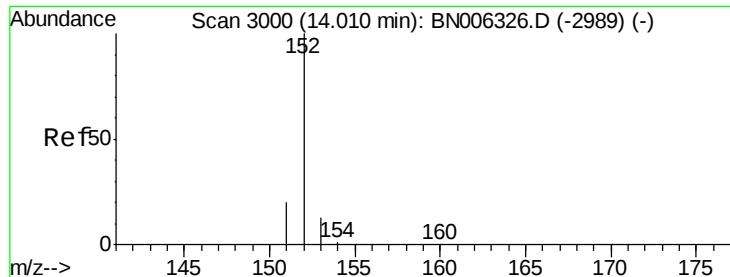
Instrument :
BNA_N
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A4227

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Instrument :

BNA_N

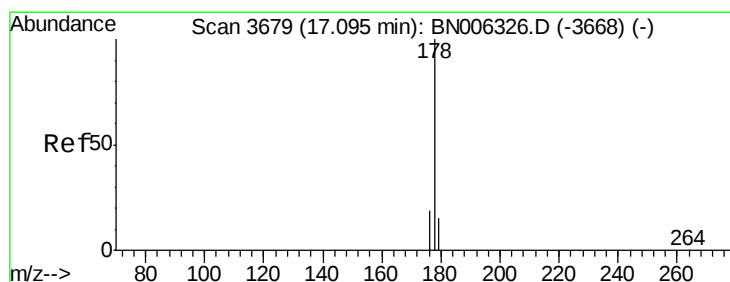
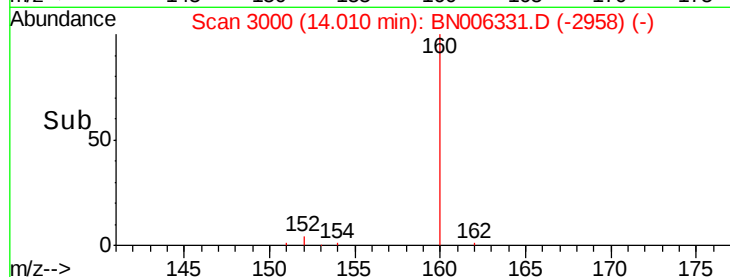
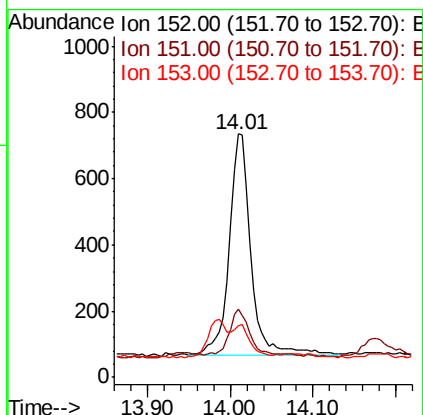
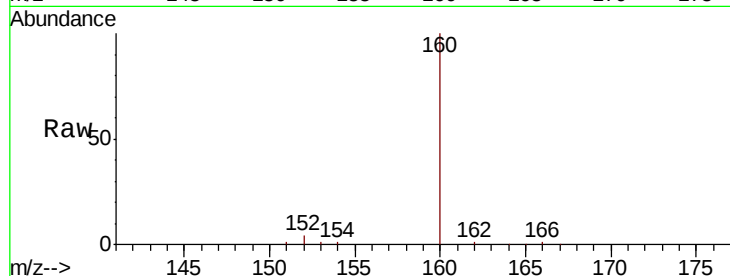
ClientSampleId :

A4227

Tgt Ion:	152	Resp:	1212
Ion Ratio	Lower	Upper	
152	100		
151	27.9	15.8	23.8#
153	21.0	10.8	16.2#

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#12

Phenanthrene

Concen: 0.098 ng/ul

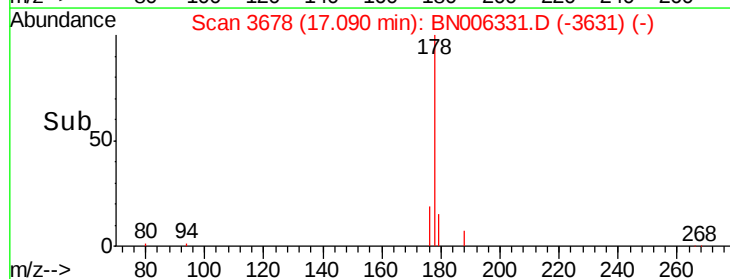
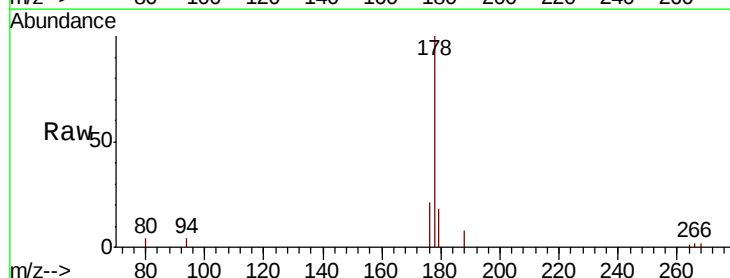
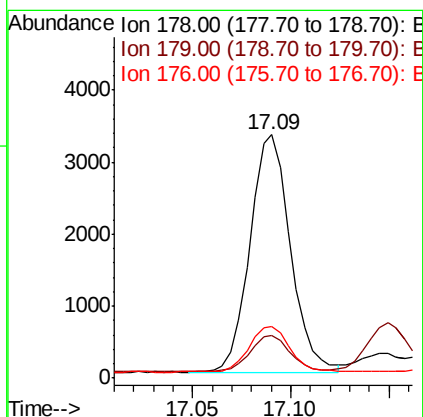
RT: 17.09 min Scan# 3678

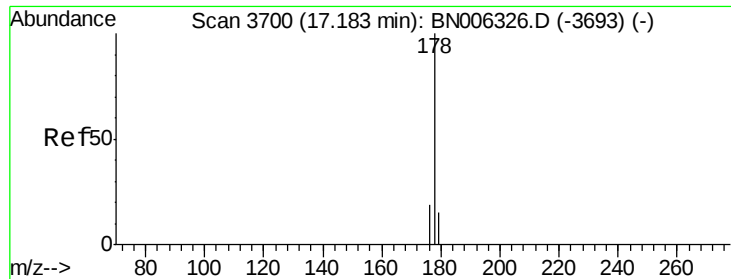
Delta R.T. -0.00 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Tgt Ion:	178	Resp:	4753
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.3	18.5
176	21.3	15.3	22.9





#13

Anthracene

Concen: 0.029 ng/ul m

RT: 17.18 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Instrument :

BNA_N

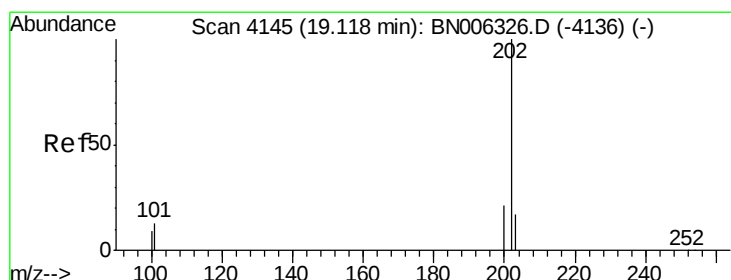
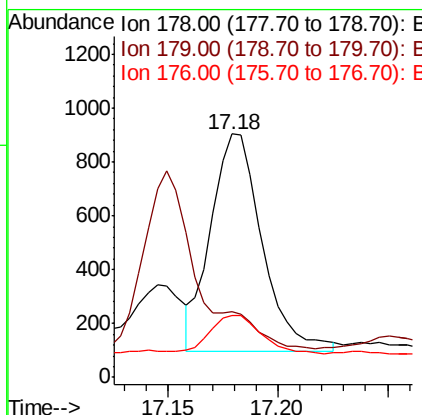
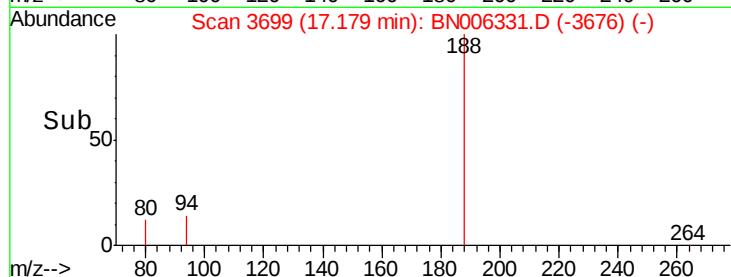
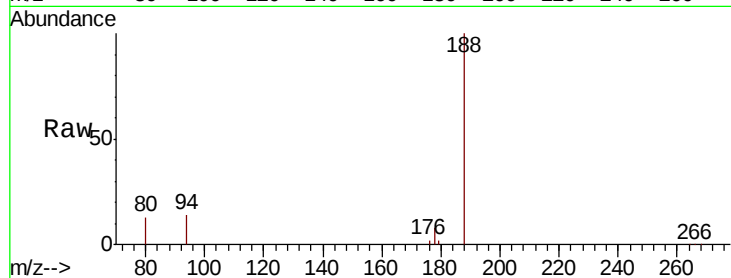
ClientSampleId :

A4227

Tgt Ion:	178	Resp:	1328
Ion Ratio	Lower	Upper	
178	100		
179	27.1	12.2	18.4#
176	25.6	15.1	22.7#

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#15

Fluoranthene

Concen: 0.286 ng/ul m

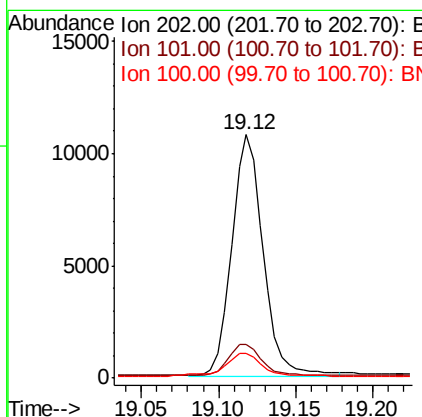
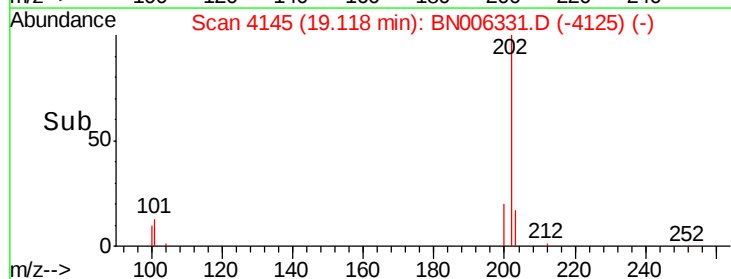
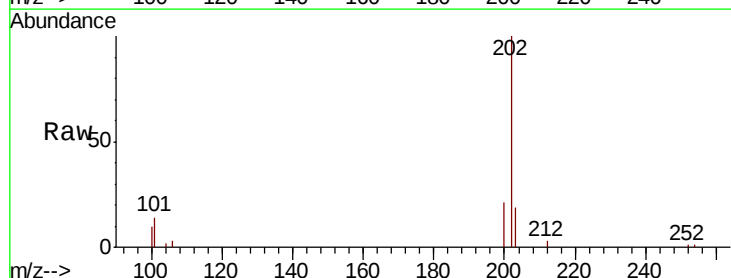
RT: 19.12 min Scan# 4145

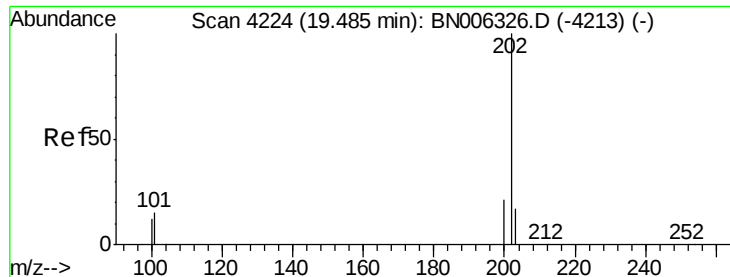
Delta R.T. -0.00 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Tgt Ion:	202	Resp:	15275
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	32.1
100	10.3	0.0	28.7





#17

Pyrene

Concen: 0.260 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Instrument :

BNA_N

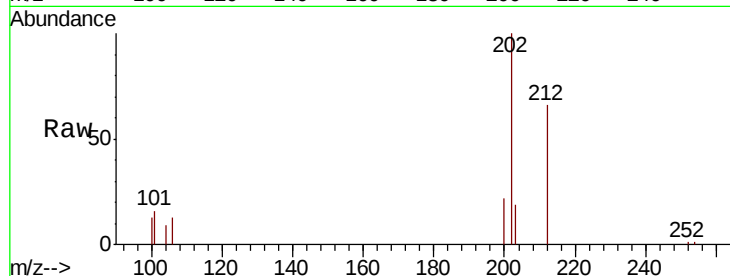
ClientSampled :

A4227

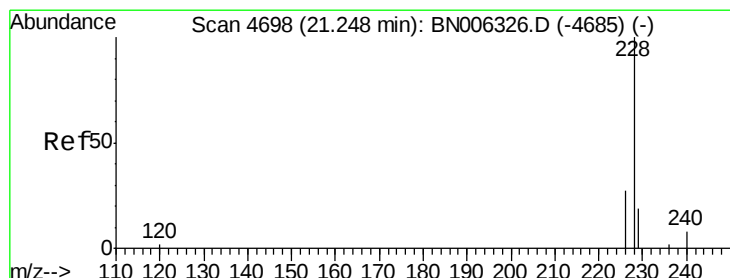
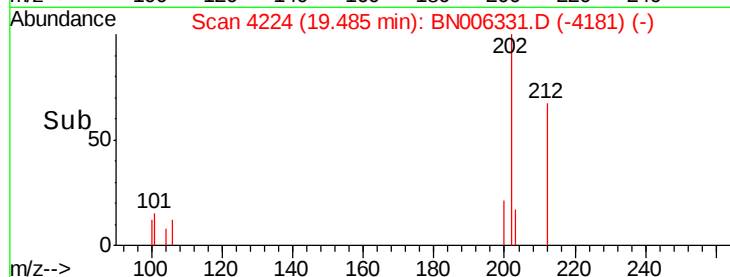
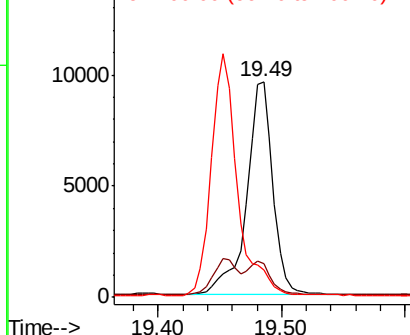
Tgt Ion:	202	Resp:	14310
Ion Ratio	Lower	Upper	
202	100		
101	15.8	12.2	18.2
100	12.9	9.8	14.6

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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): B



#18

Benzo(a)anthracene

Concen: 0.128 ng/ul

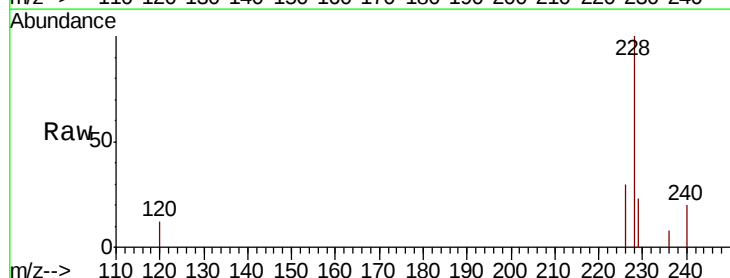
RT: 21.25 min Scan# 4698

Delta R.T. -0.00 min

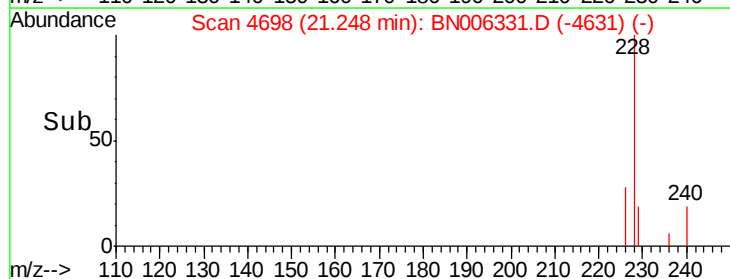
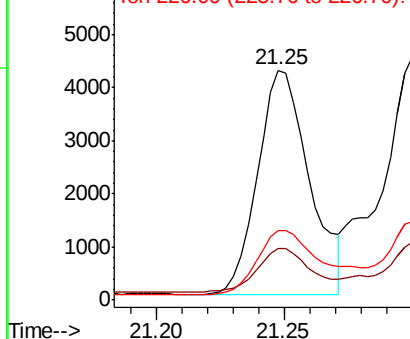
Lab File: BN006331.D

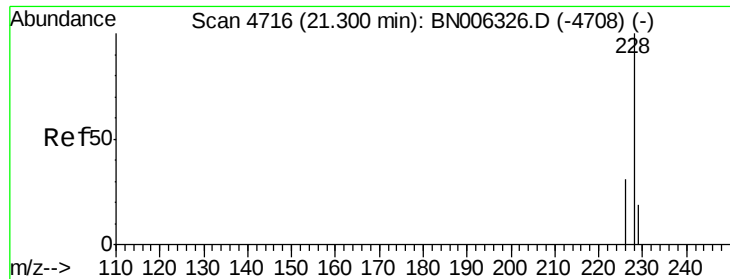
Acq: 14 Jun 2019 12:12

Tgt Ion:	228	Resp:	5946
Ion Ratio	Lower	Upper	
228	100		
229	22.6	16.5	24.7
226	30.3	22.8	34.2



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: 0.175 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Instrument :

BNA_N

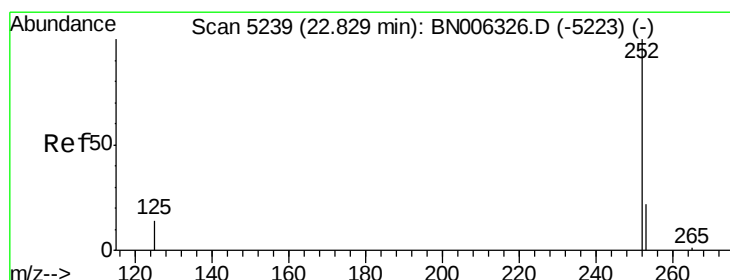
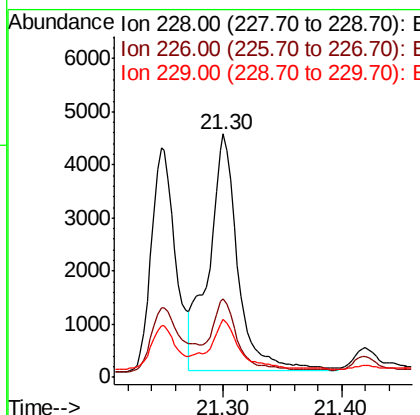
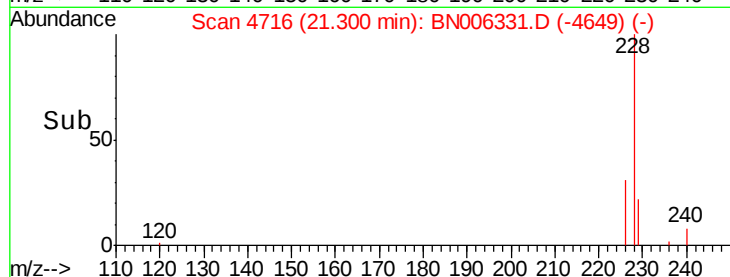
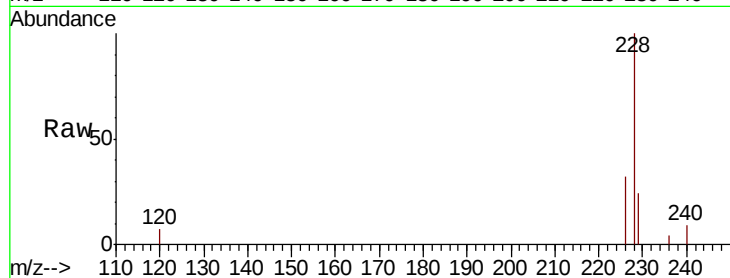
ClientSampleId :

A4227

Tgt Ion:	228	Resp:	7608
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	24.0	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.254 ng/ul m

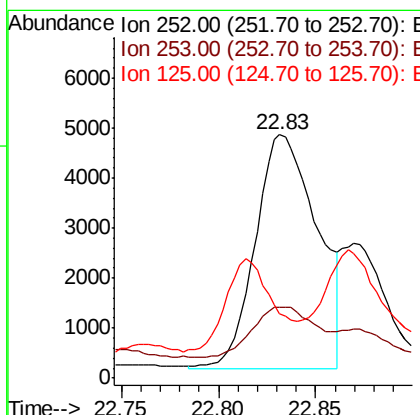
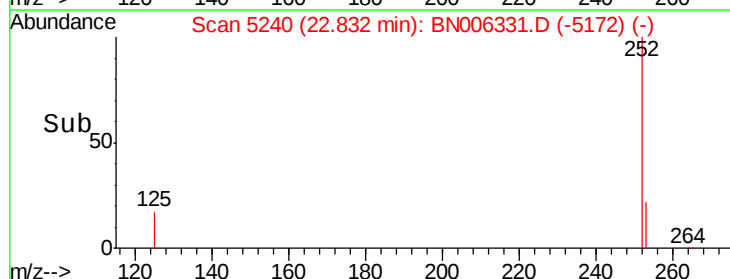
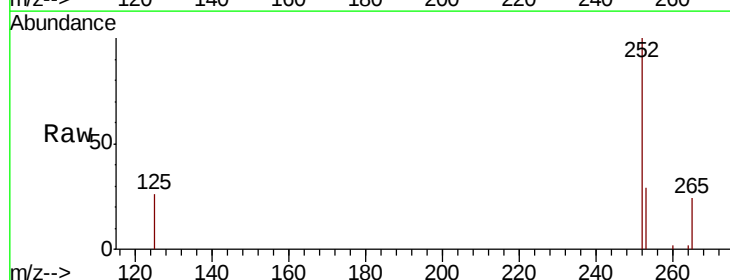
RT: 22.83 min Scan# 5240

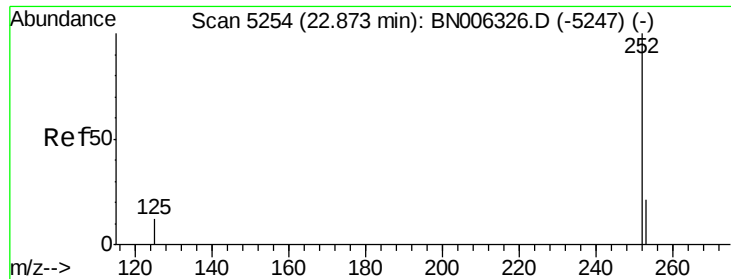
Delta R.T. -0.00 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Tgt Ion:	252	Resp:	10327
Ion	Ratio	Lower	Upper
252	100		
253	29.3	0.0	51.4
125	26.3	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.103 ng/ul m

RT: 22.87 min Scan# 5253

Delta R.T. -0.01 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Instrument :

BNA_N

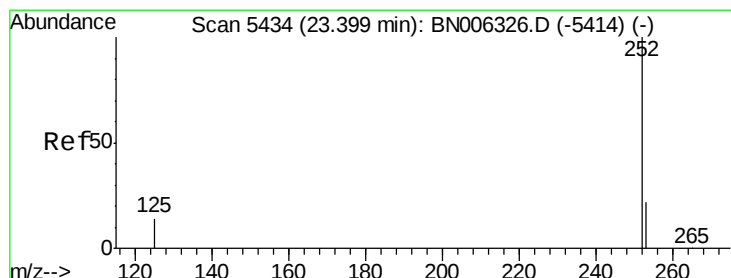
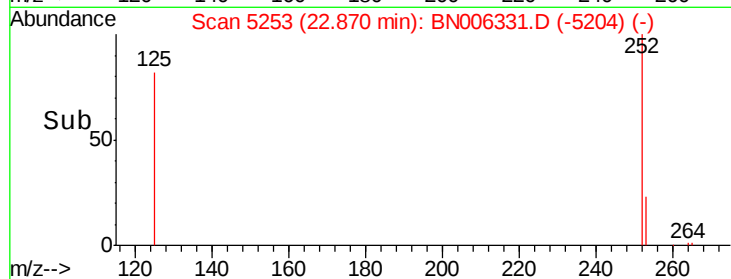
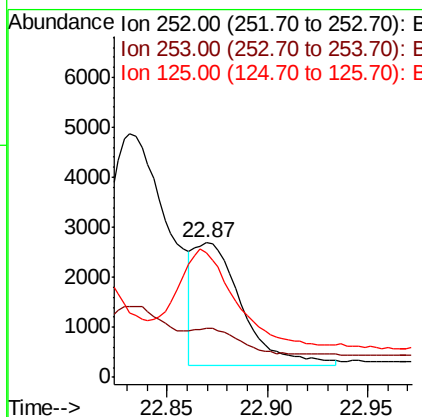
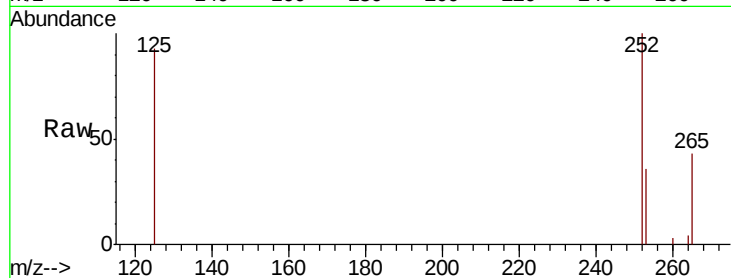
ClientSampleId :

A4227

Tgt Ion:	252	Resp:	4069
Ion Ratio	Lower	Upper	
252	100		
253	36.2	20.3	30.5#
125	93.0	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 0.171 ng/ul m

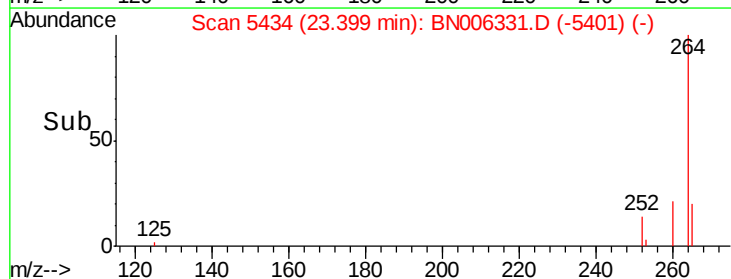
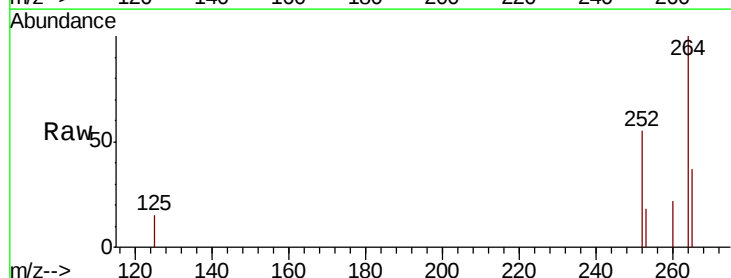
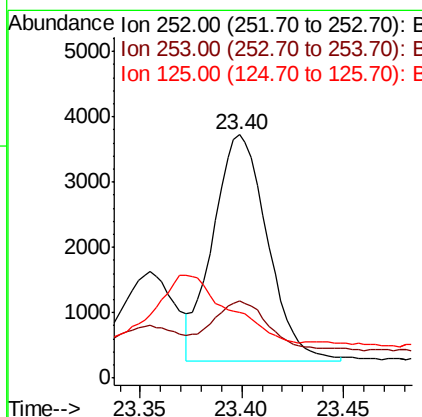
RT: 23.40 min Scan# 5434

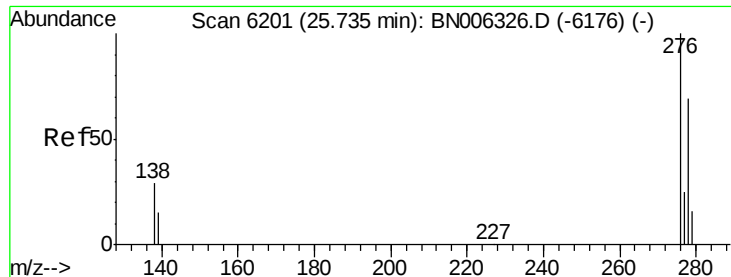
Delta R.T. -0.00 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Tgt Ion:	252	Resp:	6479
Ion Ratio	Lower	Upper	
252	100		
253	31.9	21.1	31.7#
125	27.0	20.3	30.5





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.114 ng/ul m

RT: 25.74 min Scan# 6202

Delta R.T. 0.00 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Instrument :

BNA_N

ClientSampleId :

A4227

Tgt Ion: 276 Resp: 4682

Ion Ratio Lower Upper

276 100

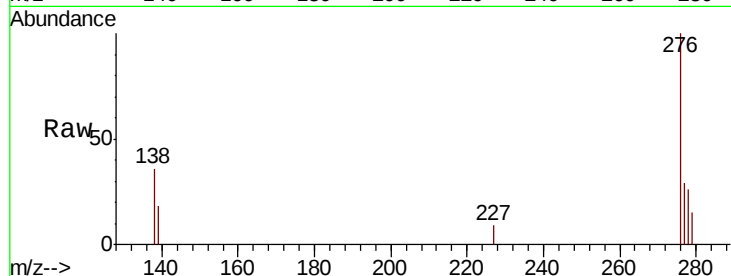
138 2.7 25.6 38.4#

227 0.3 0.3 0.5#

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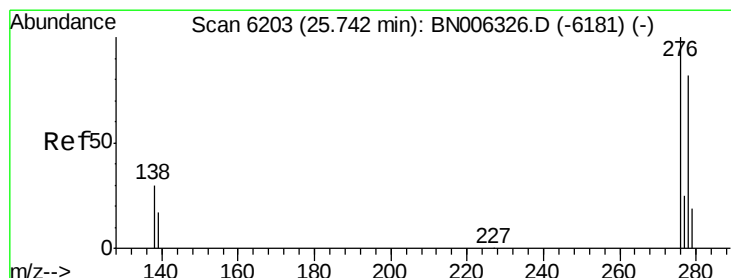
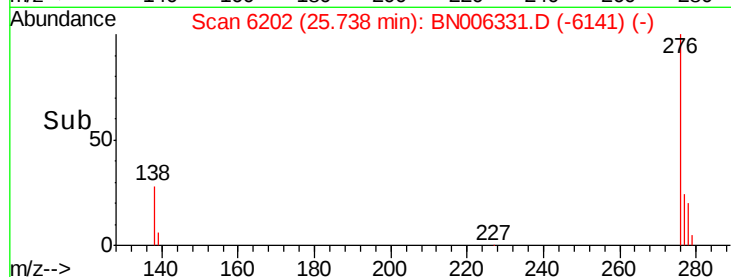
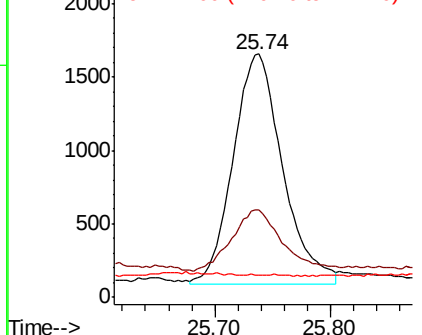
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.034 ng/ul m

RT: 25.73 min Scan# 6201

Delta R.T. -0.01 min

Lab File: BN006331.D

Acq: 14 Jun 2019 12:12

Tgt Ion: 278 Resp: 1129

Ion Ratio Lower Upper

278 100

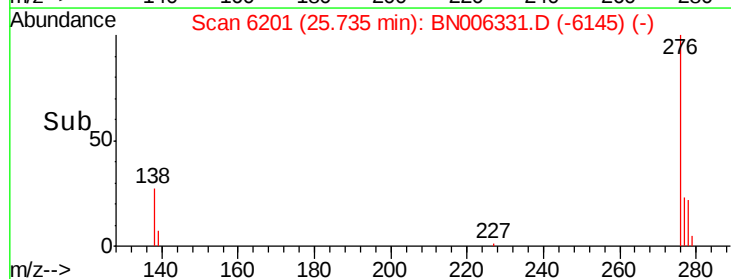
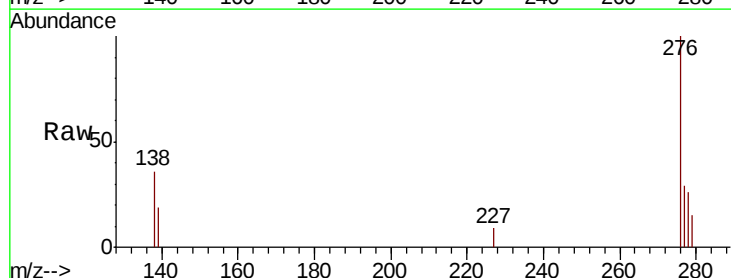
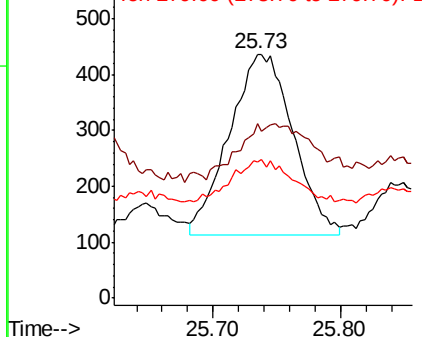
139 71.8 21.2 31.8#

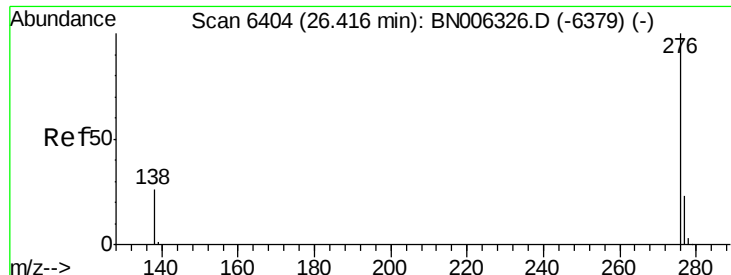
279 56.0 22.6 33.8#

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

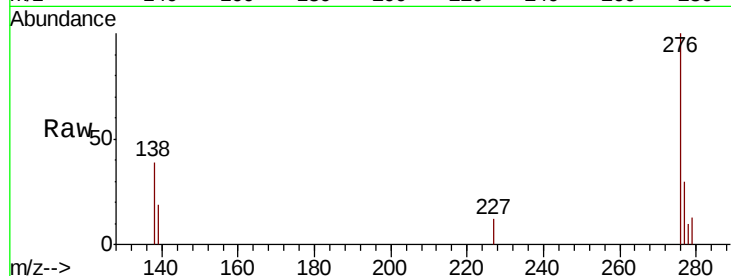
Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(g,h,i)perylene
 Concen: 0.110 ng/ul m
 RT: 26.42 min Scan# 6405
 Delta R.T. -0.00 min
 Lab File: BN006331.D
 Acq: 14 Jun 2019 12:12

Instrument :
 BNA_N
 ClientSampleId :
 A4227



Tgt	Ion	276	Resp:	3771
Ion	Ratio	Lower	Upper	
276	100			
138	39.3	24.2	36.4#	
277	29.6	21.5	32.3	

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