

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000430.D
 Acq On : 15 Mar 2018 23:31
 Operator : JU/SJ
 Sample : J1865-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMB7

Manual Integrations
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Quant Time: Mar 16 07:21:32 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 06:47:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	245662	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1130697	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	621883	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	1325800	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	1007918	20.00	ng/ul	0.01
22) Perylene-d12	24.42	264	946953	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	2773330	44.93	ng/ul	0.00
10) Fluorene-d10	16.05	176	1785157	42.71	ng/ul	0.00
14) Anthracene-d10	17.90	188	2668587	43.08	ng/ul	0.00
18) Pyrene-d10	20.15	212	2541081	51.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.26	264	1894829	43.82	ng/ul	0.02
Target Compounds				Ovalue		
8) Acenaphthylene	14.80	152	150581	2.428	ng/ul	97
13) Phenanthrene	17.84	178	544564	7.162	ng/ul	99
15) Anthracene	17.93	178	153465	1.989	ng/ul	99
16) Fluoranthene	19.82	202	1354040	16.482	ng/ul#	94
19) Pyrene	20.18	202	1229318	19.318	ng/ul#	88
20) Benzo(a)anthracene	21.90	228	568103m	9.066	ng/ul	
21) Chrysene	21.95	228	727439m	12.233	ng/ul	
23) Benzo(b)fluoranthene	23.65	252	778836	13.793	ng/ul#	92
24) Benzo(k)fluoranthene	23.70	252	291478m	5.515	ng/ul	
26) Benzo(a)pyrene	24.31	252	667669	12.424	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.00	276	410496	7.084	ng/ul#	79
28) Dibenzo(a,h)anthracene	27.00	278	122824	2.586	ng/ul#	54
29) Benzo(a,h,i)perylene	27.81	276	692712	14.317	ng/ul#	86

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

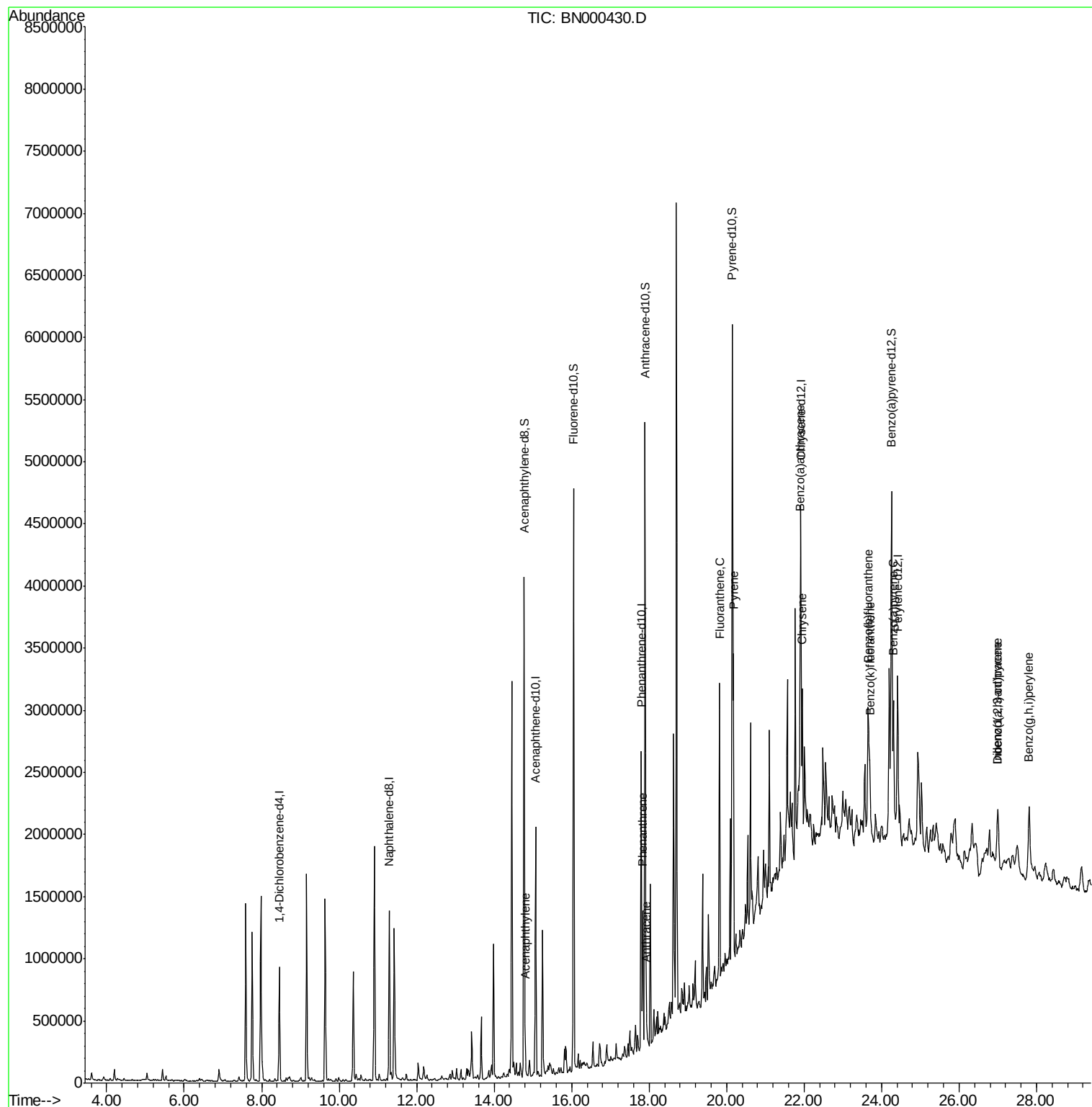
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
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ALS Vial : 24 Sample Multiplier: 1

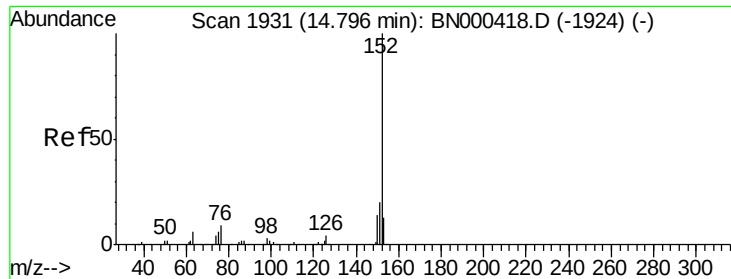
Instrument :
BNA_N
ClientSampled :
DAMB7

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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
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#8

Acenaphthylene

Concen: 2.428 ng/ul

RT: 14.80 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Instrument :

BNA_N

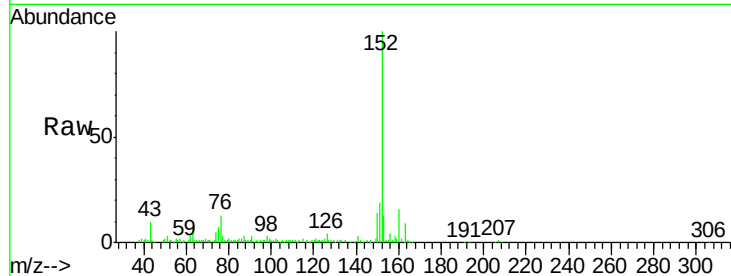
ClientSampleId :

DAMB7

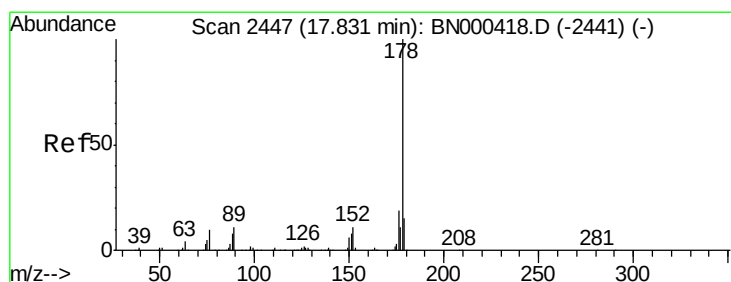
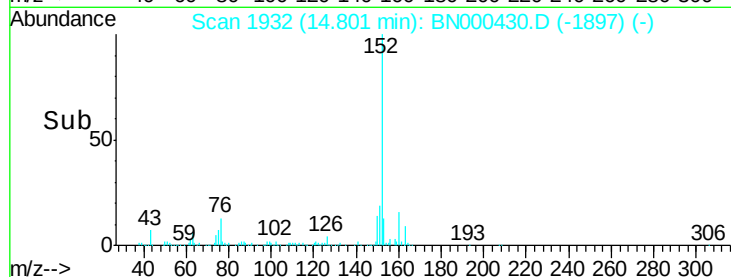
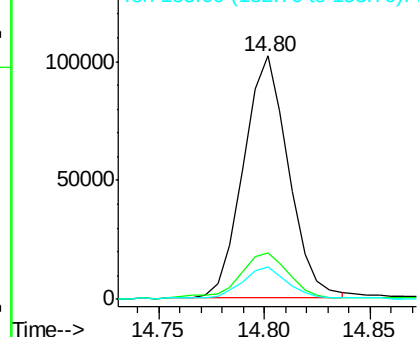
Tot Ion:	152	Resp:	150581
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.7	25.1
153	13.4	10.2	15.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#13

Phenanthrene

Concen: 7.162 ng/ul

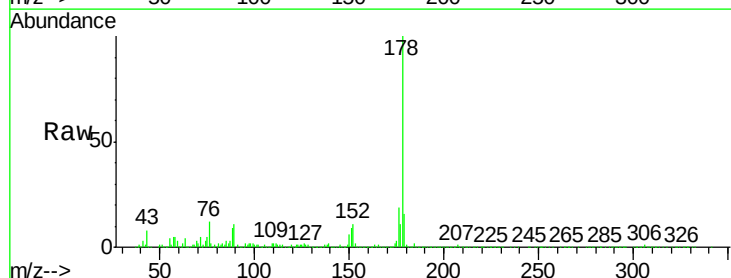
RT: 17.84 min Scan# 2448

Delta R.T. 0.01 min

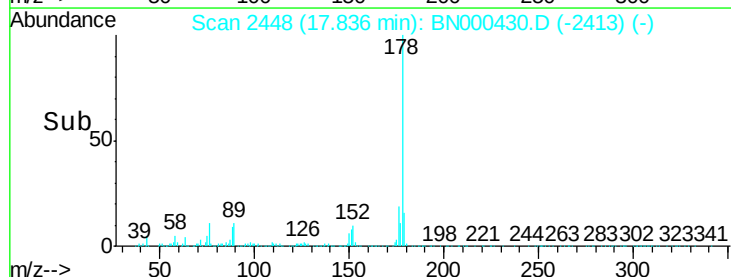
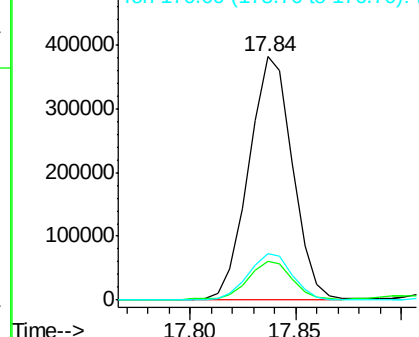
Lab File: BN000430.D

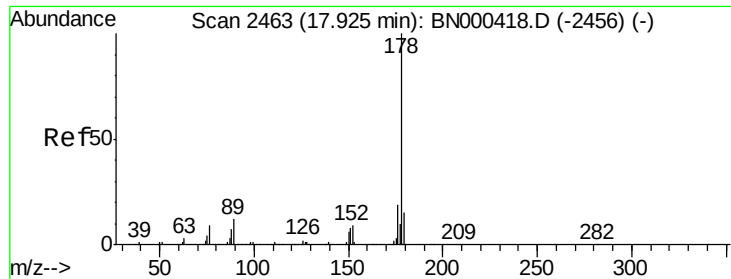
Acq: 15 Mar 2018 23:31

Tgt Ion:	178	Resp:	544564
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.3	18.5
176	19.2	15.1	22.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





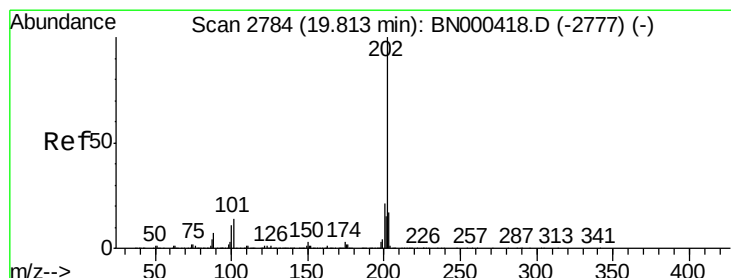
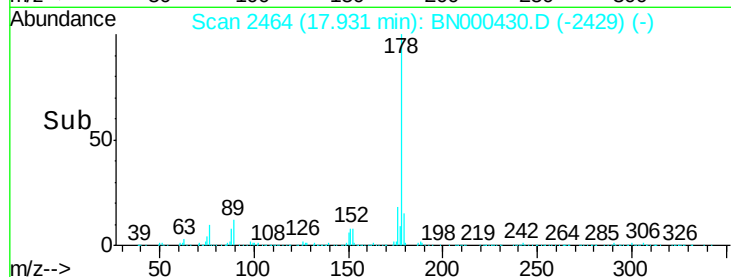
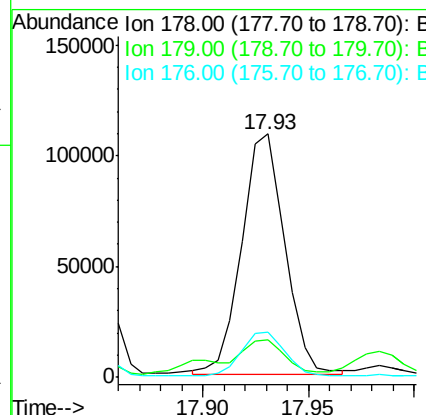
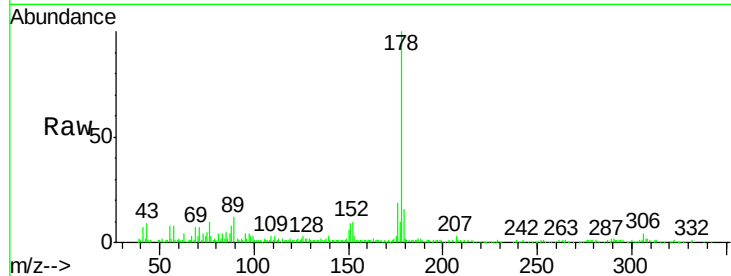
#15
 Anthracene
 Concen: 1.989 ng/ul
 RT: 17.93 min Scan# 2464
 Delta R.T. 0.01 min
 Lab File: BN000430.D
 Acq: 15 Mar 2018 23:31

Instrument :
 BNA_N
 ClientSampled :
 DAMB7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.8	15.2	22.8

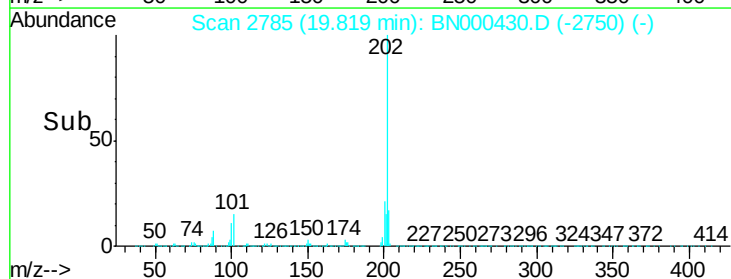
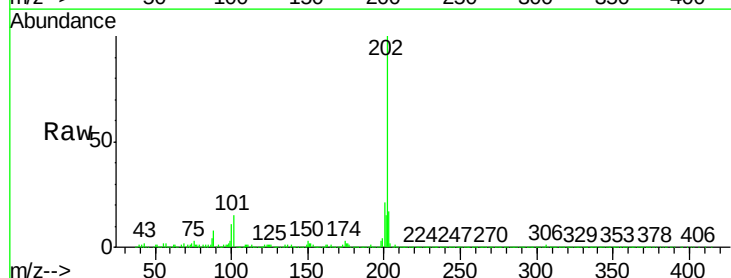
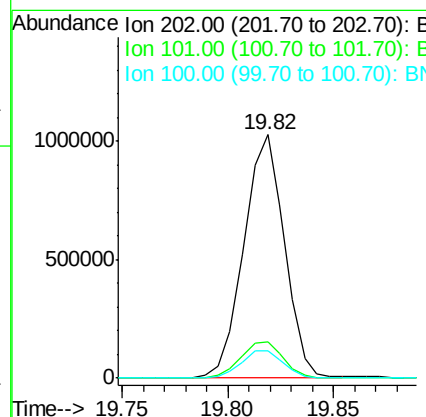
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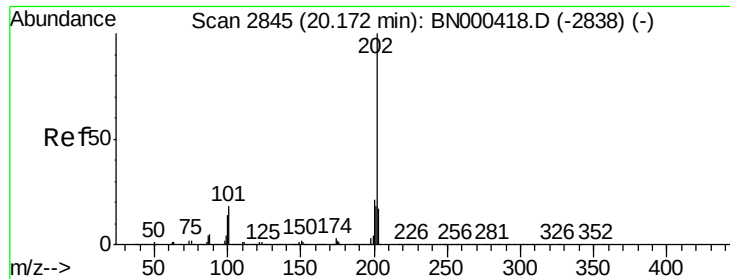
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#16
 Fluoranthene
 Concen: 16.482 ng/ul
 RT: 19.82 min Scan# 2785
 Delta R.T. 0.01 min
 Lab File: BN000430.D
 Acq: 15 Mar 2018 23:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	9.9	14.9#
100	11.4	7.4	11.0#





#19

Pvrene

Concen: 19.318 ng/ul

RT: 20.18 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Instrument :

BNA_N

ClientSampled :

DAMB7

Tot Ion:202 Resp: 1229318

Ion Ratio Lower Upper

202 100

101 18.4 11.0 16.4#

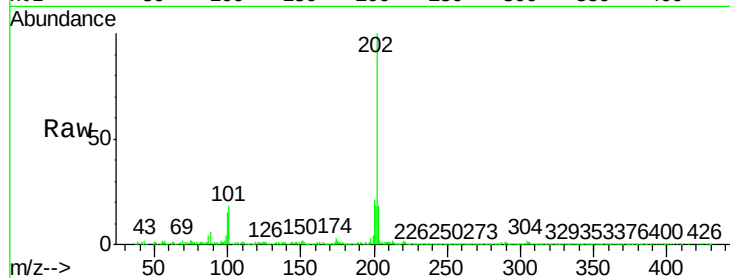
100 14.8 8.1 12.1#

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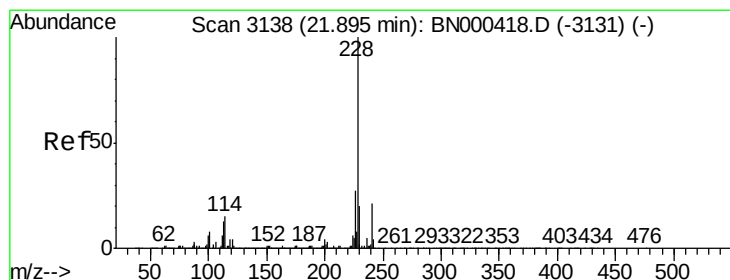
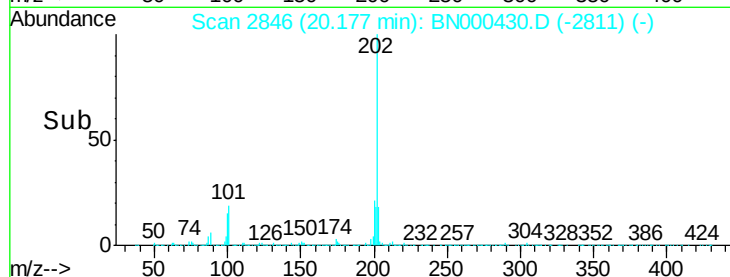
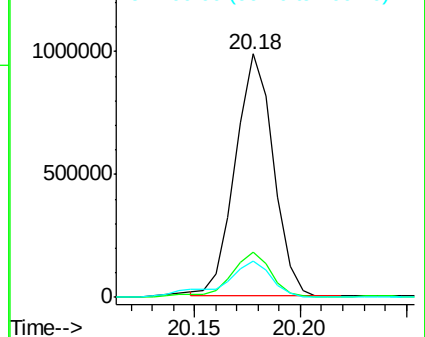
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#20

Benzo(a)anthracene

Concen: 9.066 ng/ul m

RT: 21.90 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

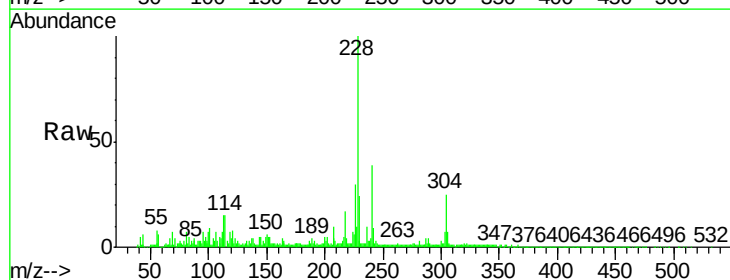
Tgt Ion:228 Resp: 568103

Ion Ratio Lower Upper

228 100

229 24.0 15.7 23.5#

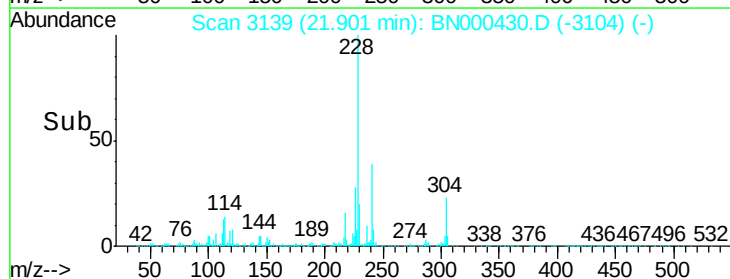
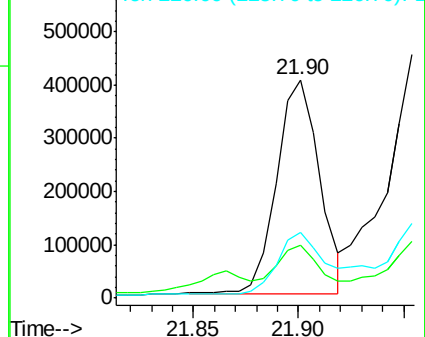
226 29.8 21.1 31.7

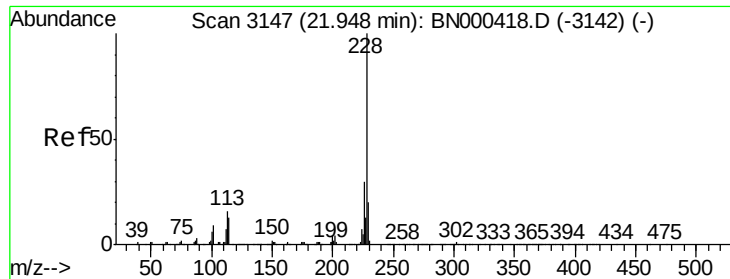


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 12.233 ng/ul m

RT: 21.95 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Instrument :

BNA_N

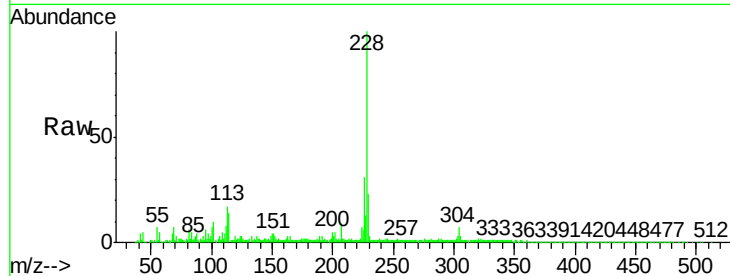
ClientSampleId :

DAMB7

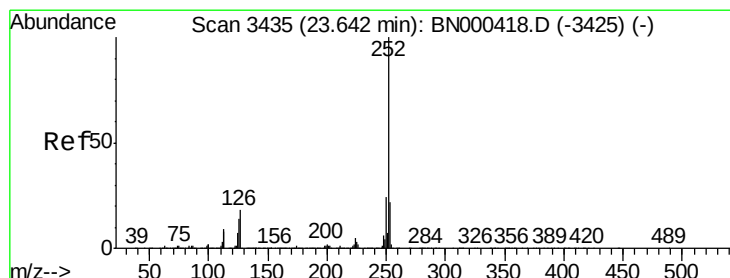
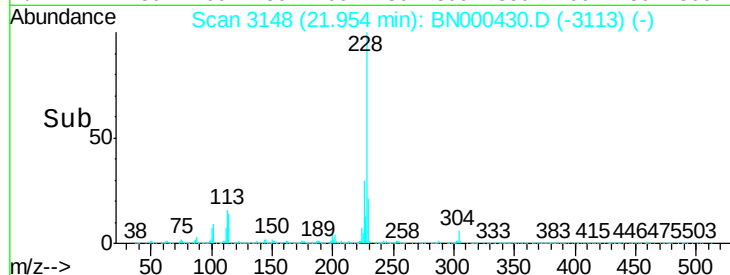
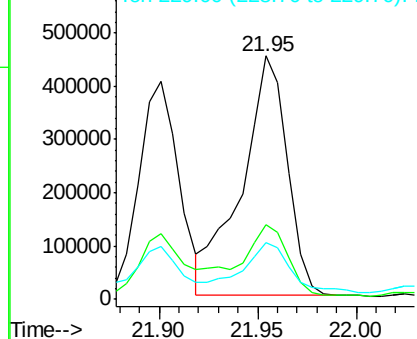
Tot Ion:	228	Resp:	727439
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.5	36.7
229	23.2	15.8	23.8

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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



#23

Benzo(b)fluoranthene

Concen: 13.793 ng/ul

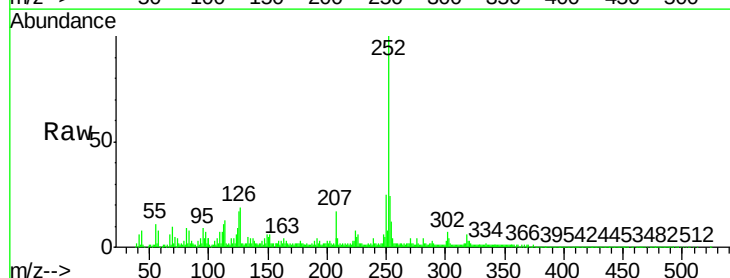
RT: 23.65 min Scan# 3437

Delta R.T. 0.01 min

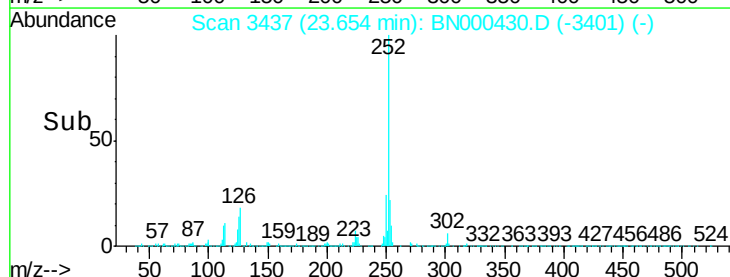
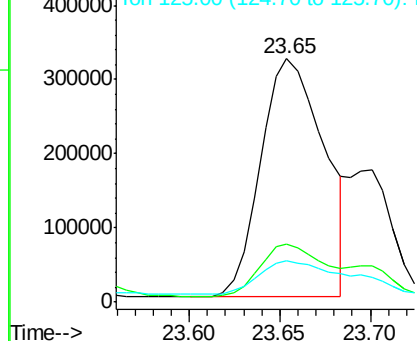
Lab File: BN000430.D

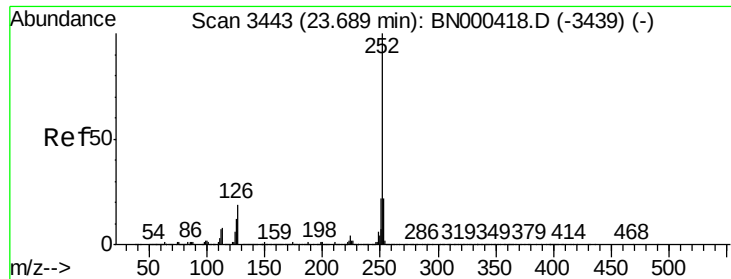
Acq: 15 Mar 2018 23:31

Tgt Ion:	252	Resp:	778836
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	17.1	8.0	12.0#



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





#24

Benzo(k)fluoranthene

Concen: 5.515 ng/ul m

RT: 23.70 min Scan# 3445

Delta R.T. 0.01 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Instrument :

BNA_N

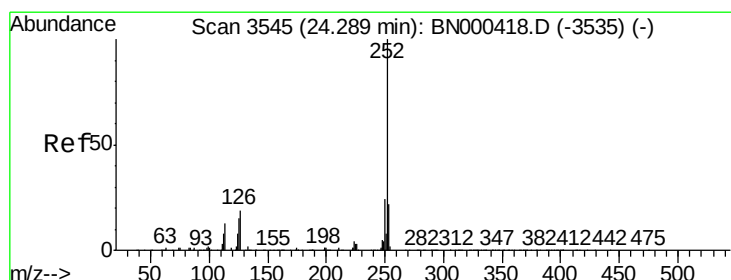
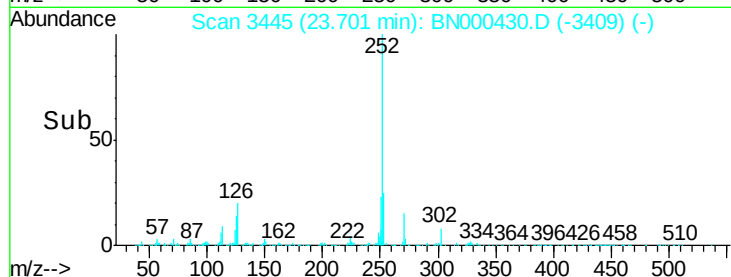
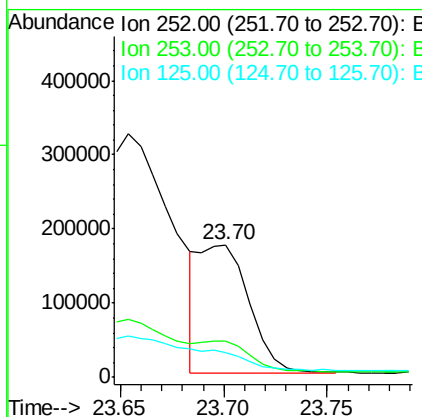
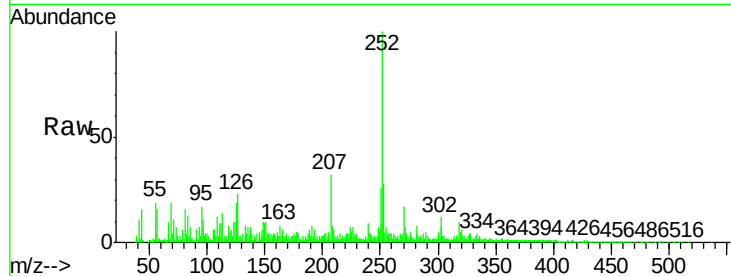
ClientSampled :

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Tot Ion:	252	Resp:	291478
Ion Ratio	Lower	Upper	
252	100		
253	27.7	18.0	27.0#
125	19.1	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 12.424 ng/ul

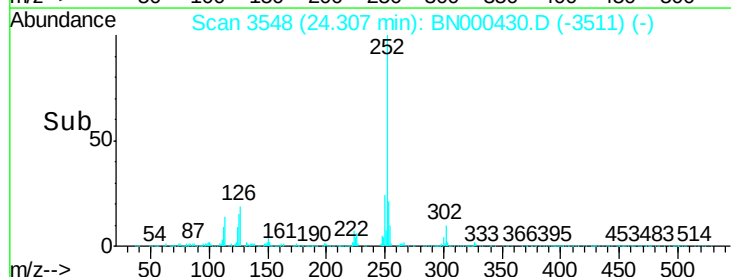
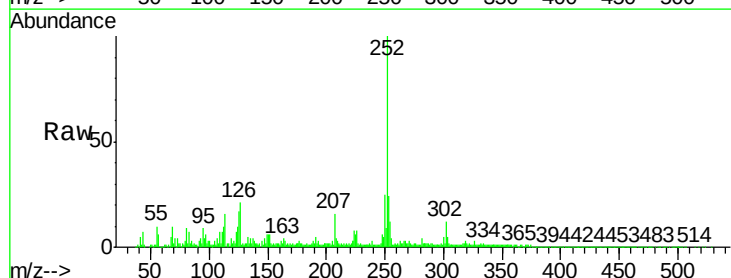
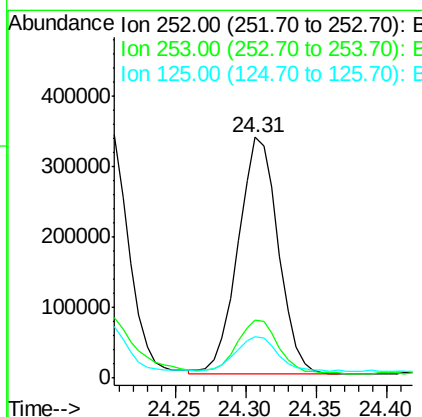
RT: 24.31 min Scan# 3548

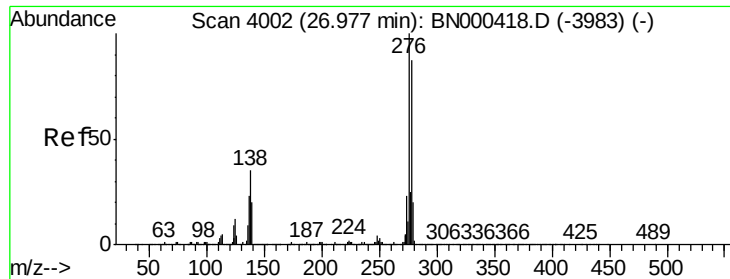
Delta R.T. 0.02 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Tgt Ion:	252	Resp:	667669
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.2	25.8
125	17.3	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 7.084 ng/ul

RT: 27.00 min Scan# 4006

Delta R.T. 0.02 min

Lab File: BN000430.D

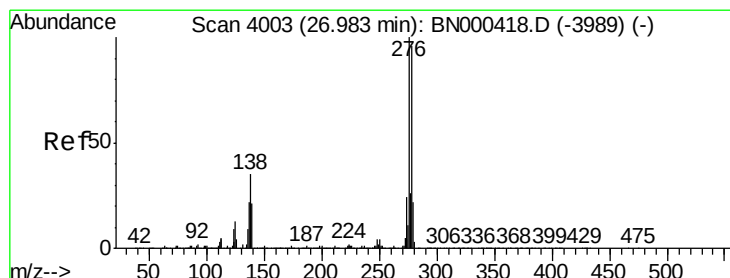
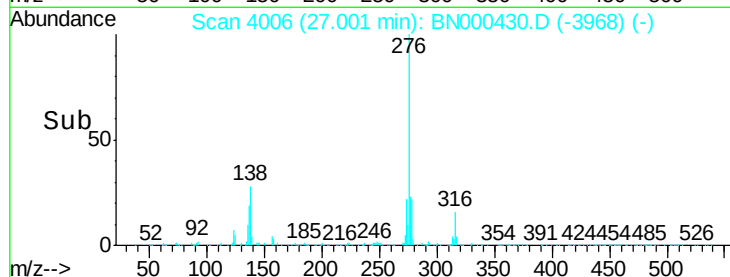
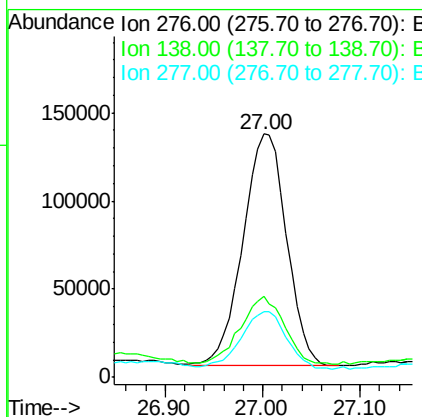
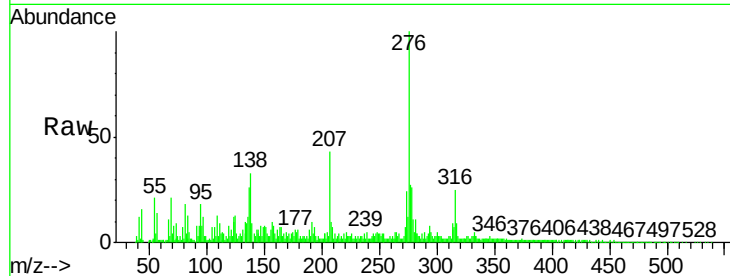
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Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	14.4	21.6#
277	27.1	18.0	27.0#

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#28

Dibenzo(a,h)anthracene

Concen: 2.586 ng/ul

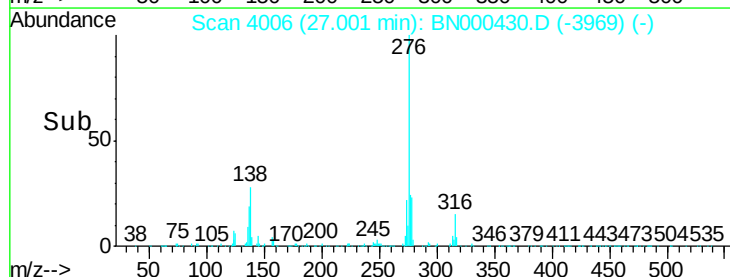
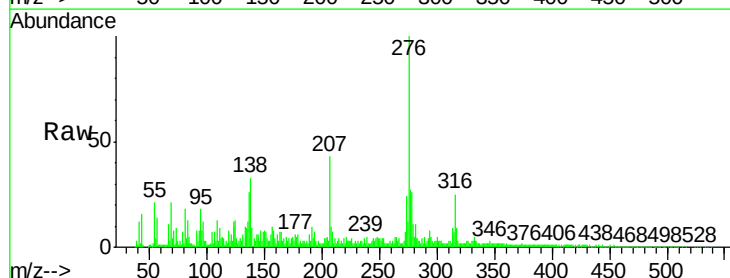
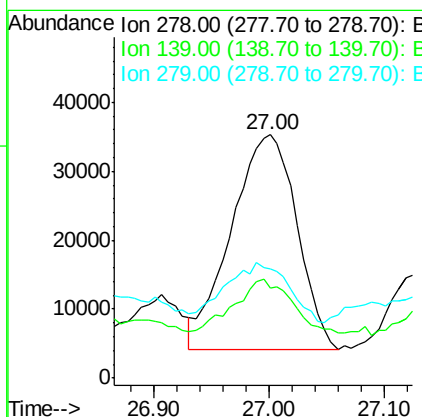
RT: 27.00 min Scan# 4006

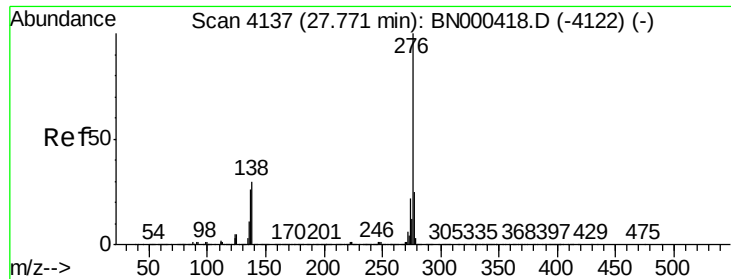
Delta R.T. 0.02 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.8	12.2	18.4#
279	44.7	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 14.317 ng/ul

RT: 27.81 min Scan# 4144

Delta R.T. 0.04 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Instrument :

BNA_N

ClientSampleId :

DAMB7

Tot Ion:	276	Resp:	692712
Ion Ratio		Lower	Upper
276	100		
138	30.6	15.3	22.9#
277	25.7	19.0	28.4

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