

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006890.D
 Acq On : 18 Jul 2019 14:23
 Operator : HP/JU
 Sample : K3822-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B2

Manual Integrations
 APPROVED

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Quant Time: Jul 18 14:59:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 06:39:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3252	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	12092	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.23	164	6734	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	14321m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	11926m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	10674m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4554	0.24	ng/ul	-0.02
14) Fluoranthene-d10	19.04	212	10806m	0.26	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.39	128	839998	24.196	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	117604	5.014	ng/ul	99
7) Acenaphthylene	13.94	152	7128	0.205	ng/ul#	92
8) Acenaphthene	14.29	153	98721	3.685	ng/ul	100
9) Fluorene	15.29	166	109215	3.720	ng/ul	100
12) Phenanthrene	17.03	178	320125	6.949	ng/ul	99
13) Anthracene	17.12	178	20955m	0.526	ng/ul	
15) Fluoranthene	19.07	202	60557m	1.063	ng/ul	
17) Pyrene	19.43	202	36786	0.675	ng/ul	98
18) Benzo(a)anthracene	21.21	228	3180	0.065	ng/ul#	93

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

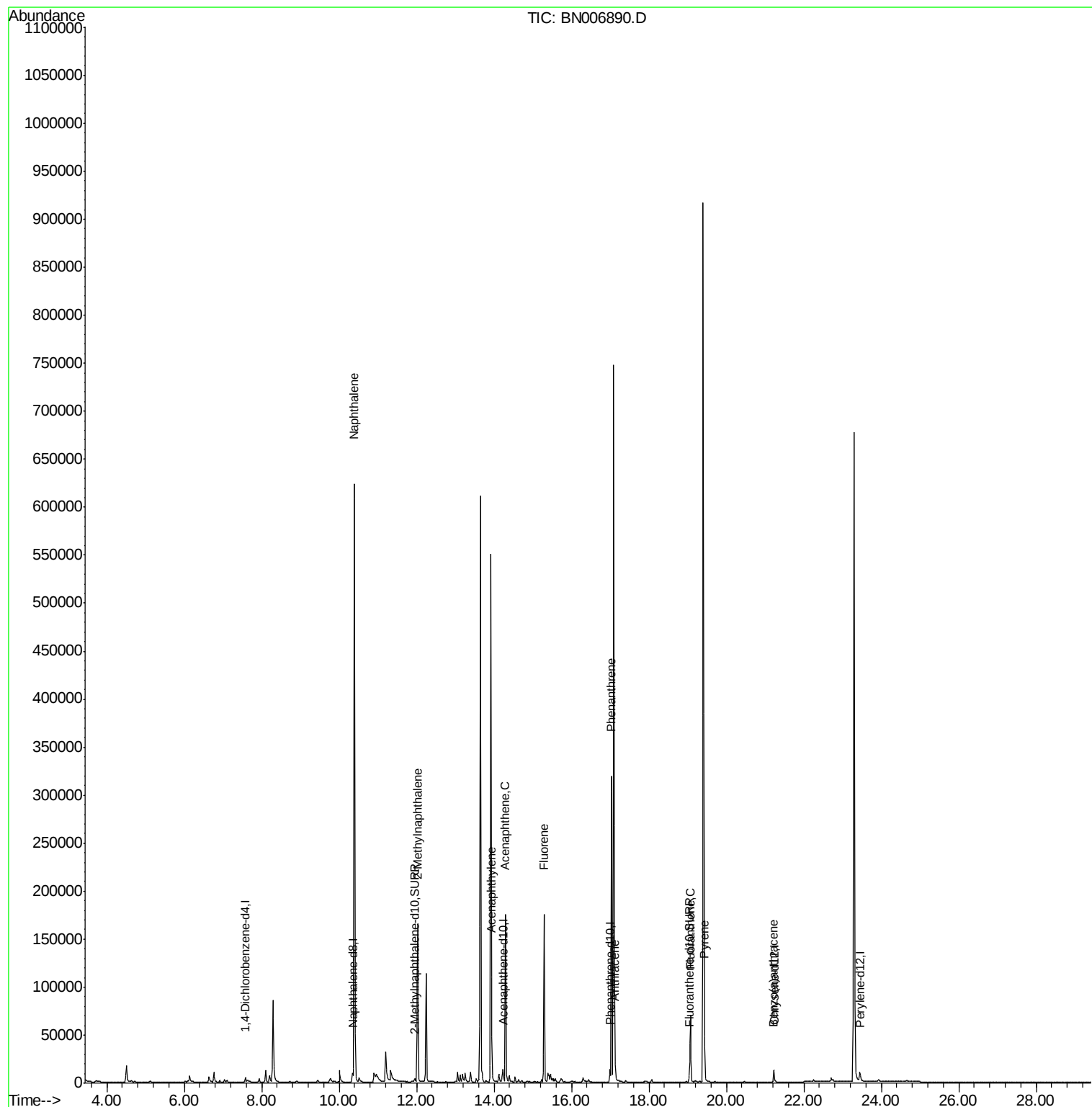
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
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ALS Vial : 7 Sample Multiplier: 1

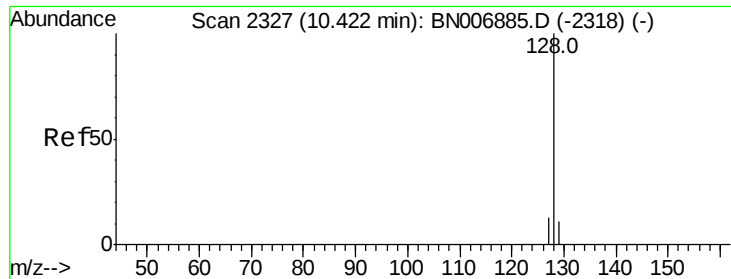
Instrument :
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#3

Naphthalene

Concen: 24.196 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.02 min

Lab File: BN006890.D

Acq: 18 Jul 2019 14:23

Instrument :

BNA_N

ClientSampleId :

BF4B2

Tot Ion:128 Resp: 839998

Ion Ratio Lower Upper

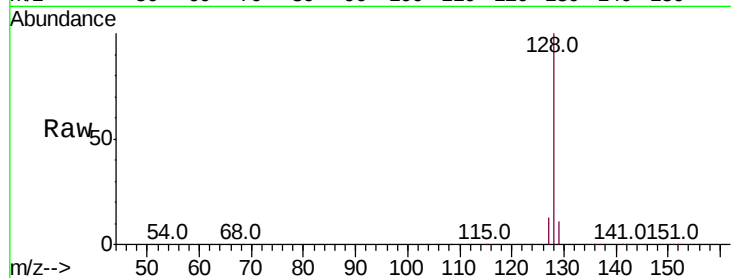
128 100

129 11.0 9.4 14.0

127 13.3 10.6 16.0

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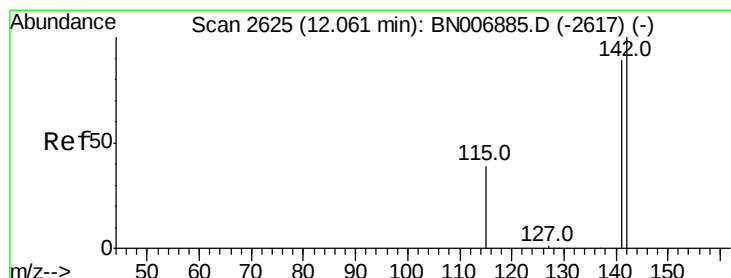
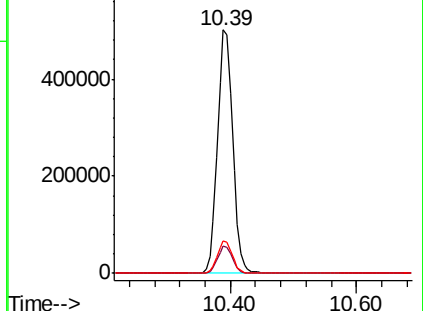
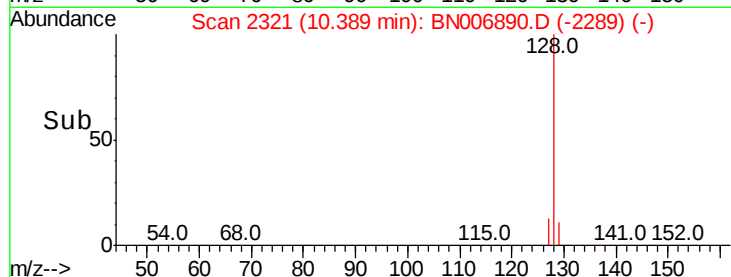
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 5.014 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.02 min

Lab File: BN006890.D

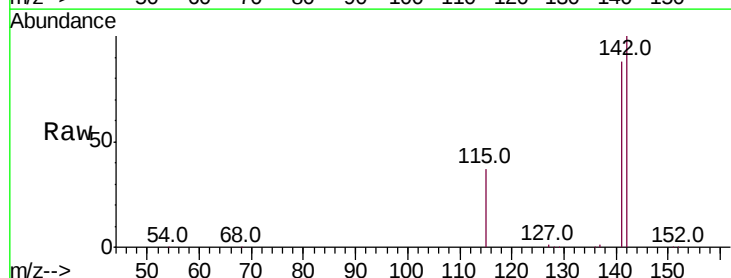
Acq: 18 Jul 2019 14:23

Tgt Ion:142 Resp: 117604

Ion Ratio Lower Upper

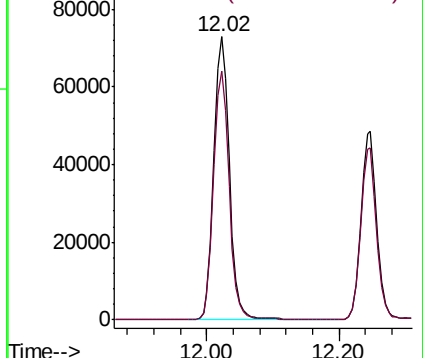
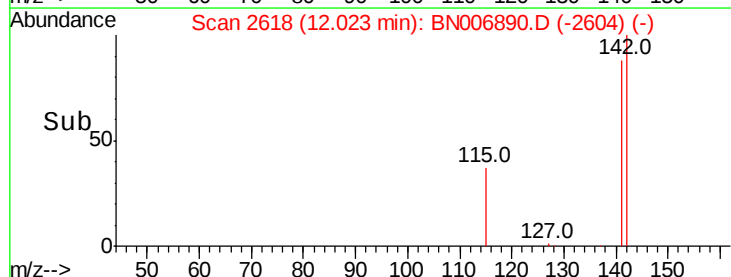
142 100

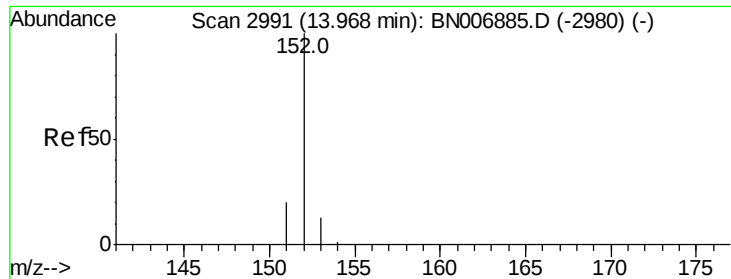
141 88.3 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.205 ng/ul

RT: 13.94 min Scan# 2986

Delta R.T. -0.02 min

Lab File: BN006890.D

Acq: 18 Jul 2019 14:23

Instrument :

BNA_N

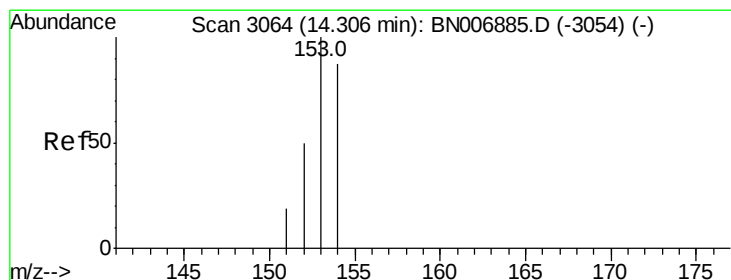
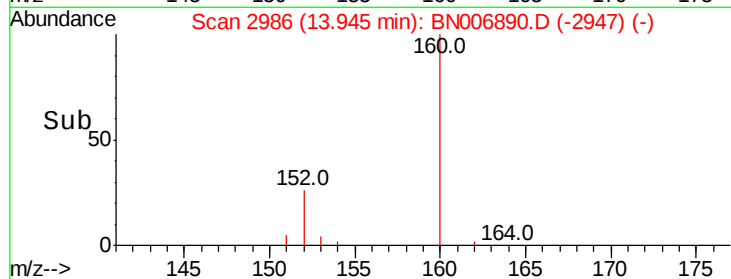
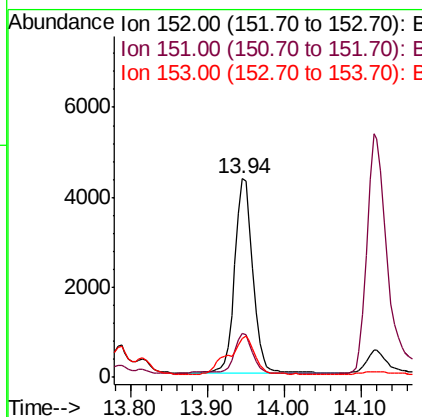
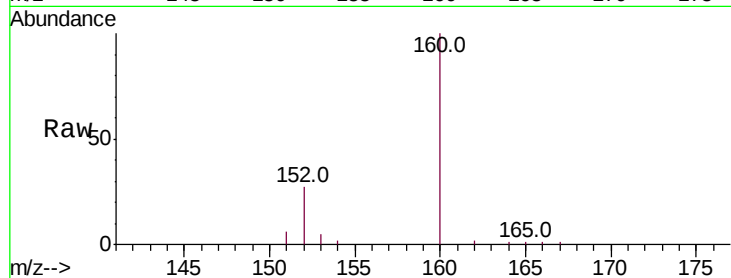
ClientSampleId :

BF4B2

Tot Ion:	152	Resp:	7128
Ion Ratio	Lower	Upper	
152	100		
151	22.1	16.1	24.1
153	19.6	11.2	16.8

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#8

Acenaphthene

Concen: 3.685 ng/ul

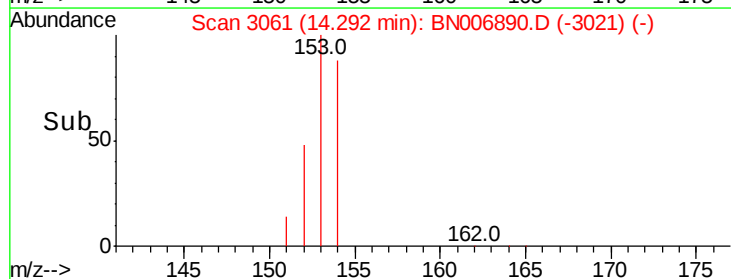
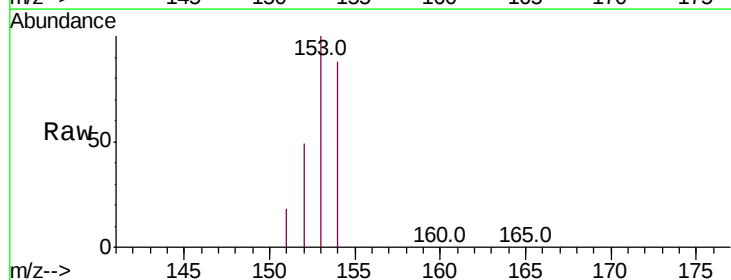
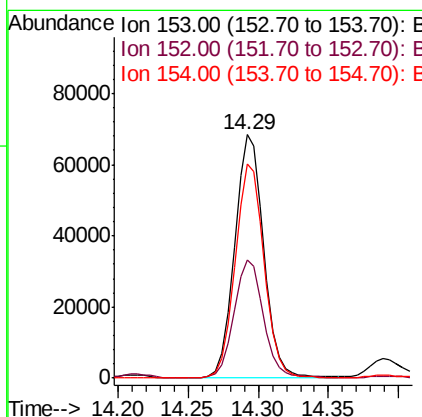
RT: 14.29 min Scan# 3061

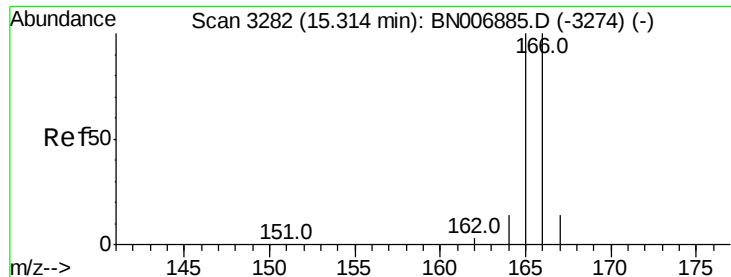
Delta R.T. -0.01 min

Lab File: BN006890.D

Acq: 18 Jul 2019 14:23

Tgt Ion:	153	Resp:	98721
Ion Ratio	Lower	Upper	
153	100		
152	48.6	39.3	58.9
154	88.2	70.6	105.8





#9

Fluorene

Concen: 3.720 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.02 min

Lab File: BN006890.D

Acq: 18 Jul 2019 14:23

Instrument :

BNA_N

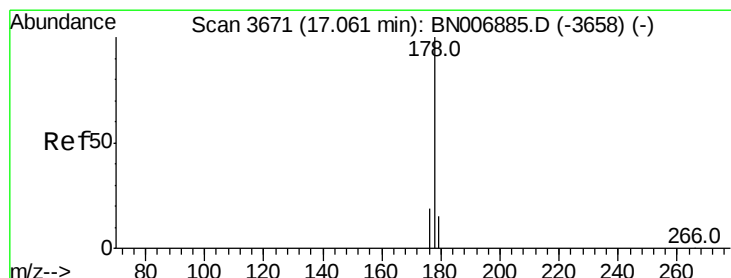
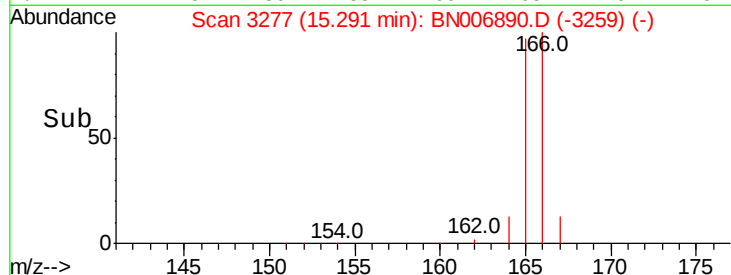
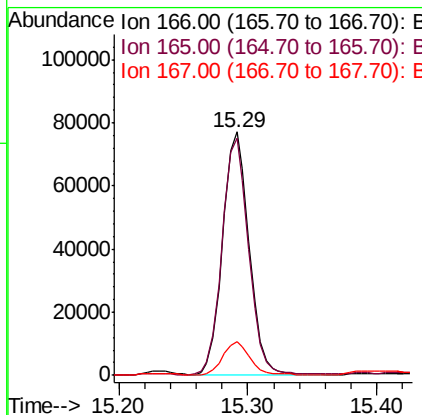
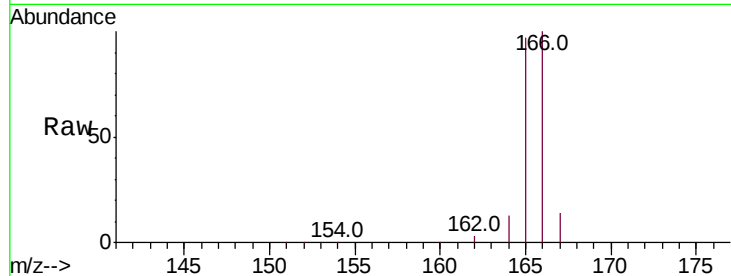
ClientSampleId :

BF4B2

Tot Ion:	166	Resp:	109215
Ion Ratio	Lower	Upper	
166	100		
165	97.5	78.2	117.4
167	13.7	11.3	16.9

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#12

Phenanthrene

Concen: 6.949 ng/ul

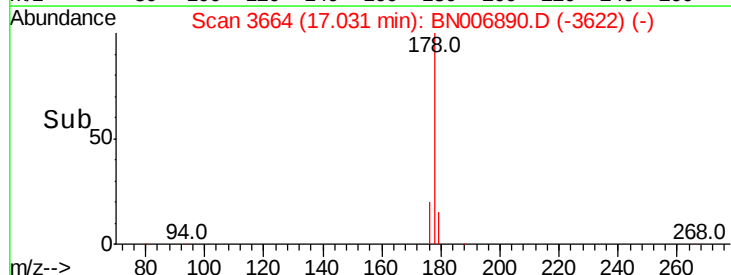
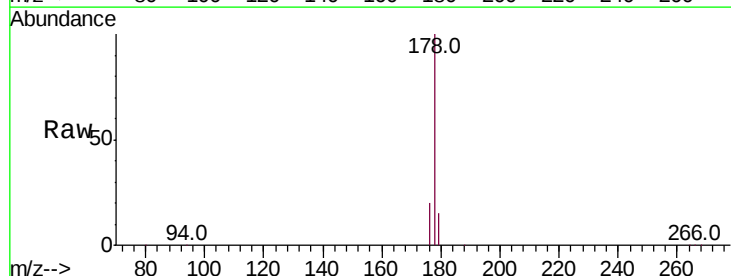
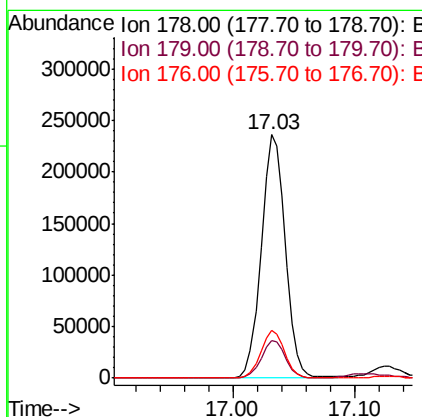
RT: 17.03 min Scan# 3664

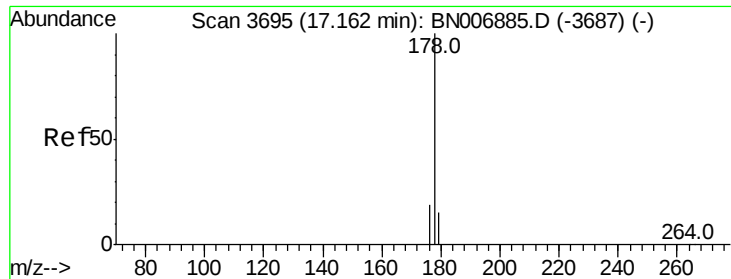
Delta R.T. -0.02 min

Lab File: BN006890.D

Acq: 18 Jul 2019 14:23

Tgt Ion:	178	Resp:	320125
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	19.0
176	19.7	15.8	23.8





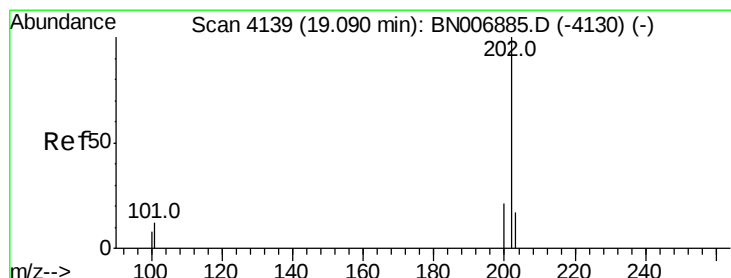
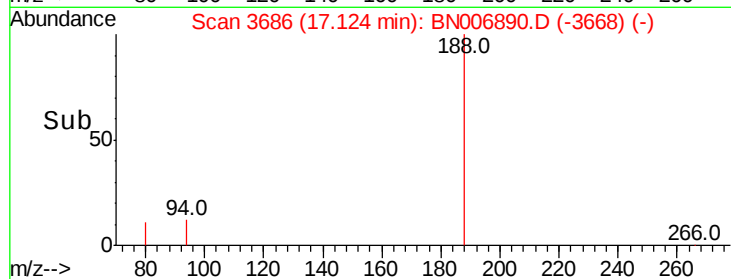
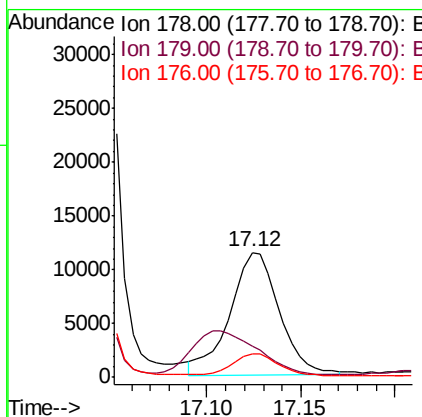
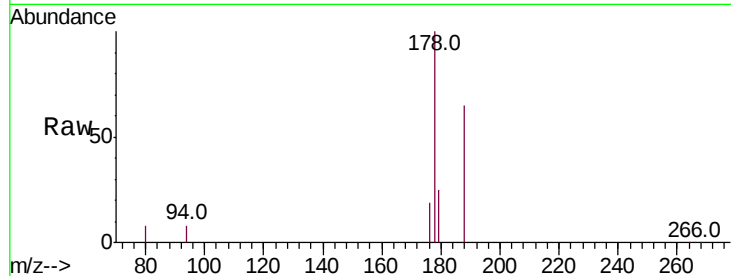
#13
 Anthracene
 Concen: 0.526 ng/ul m
 RT: 17.12 min Scan# 3686
 Delta R.T. -0.03 min
 Lab File: BN006890.D
 Acq: 18 Jul 2019 14:23

Instrument :
 BNA_N
 ClientSampleId :
 BF4B2

Tot Ion	Ratio	Lower	Upper
178	100		
179	25.4	12.7	19.1#
176	19.2	15.8	23.6

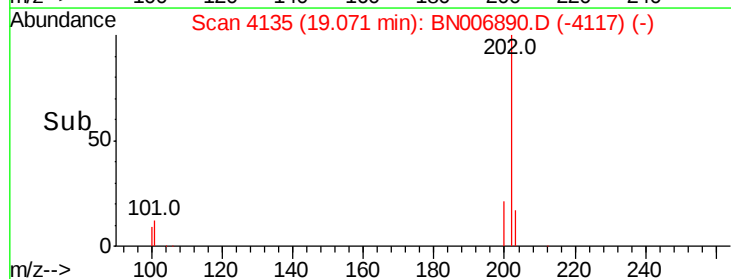
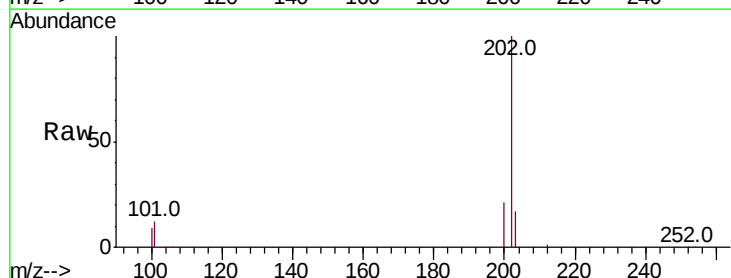
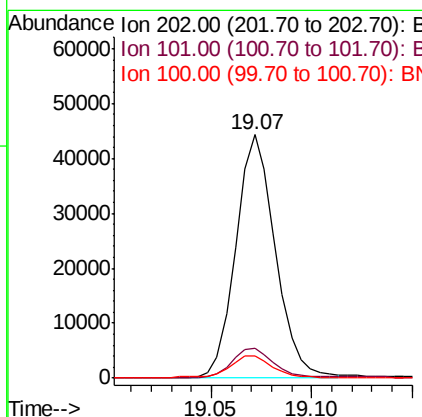
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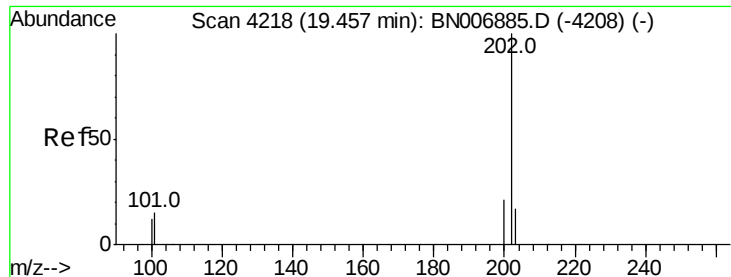
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#15
 Fluoranthene
 Concen: 1.063 ng/ul m
 RT: 19.07 min Scan# 4135
 Delta R.T. -0.01 min
 Lab File: BN006890.D
 Acq: 18 Jul 2019 14:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
100	9.1	0.0	29.9





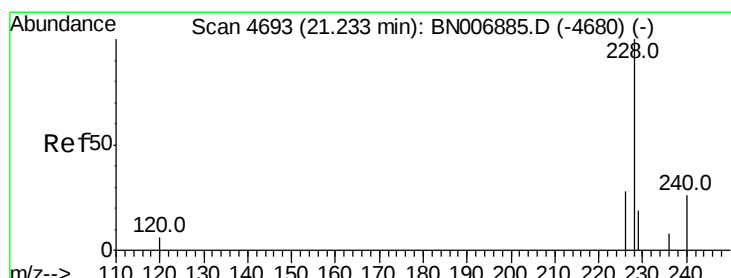
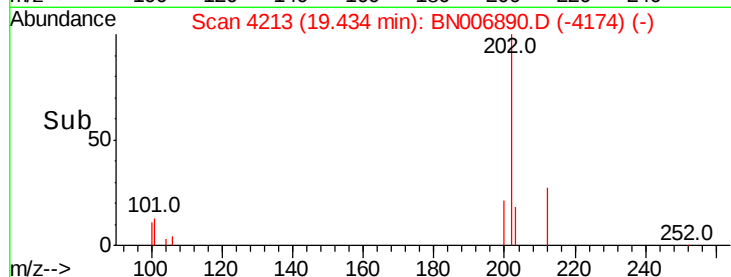
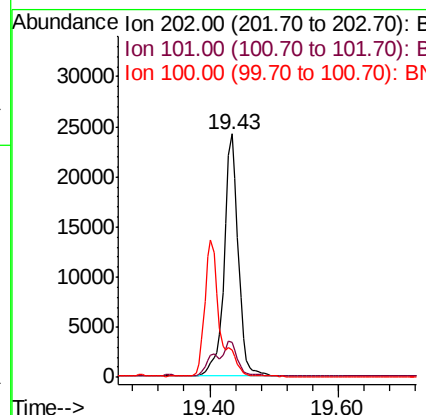
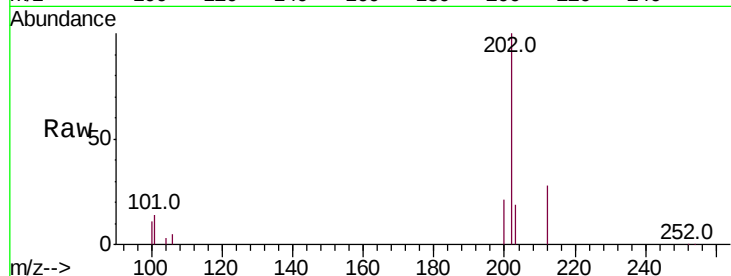
#17
Pvrene
Concen: 0.675 ng/ul
RT: 19.43 min Scan# 4213
Delta R.T. -0.02 min
Lab File: BN006890.D
Acq: 18 Jul 2019 14:23

Instrument :
BNA_N
ClientSampleId :
BF4B2

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.2	18.2
100	11.4	9.8	14.8

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#18
Benzo(a)anthracene
Concen: 0.065 ng/ul
RT: 21.21 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN006890.D
Acq: 18 Jul 2019 14:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.8	15.9	23.9#
226	31.0	22.6	34.0

