

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
 Data File : BN006834.D
 Acq On : 12 Jul 2019 15:10
 Operator : HP/JU
 Sample : K3717-16
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4A1

Manual Integrations
 APPROVED

mohammad
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Quant Time: Jul 12 15:47:55 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	2902	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10926	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5791	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13123m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	10375m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	9582m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4548	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	11663m	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	948130	30.226	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	1908	0.090	ng/ul	100
7) Acenaphthylene	13.95	152	19701	0.659	ng/ul	97
8) Acenaphthene	14.30	153	313985	13.629	ng/ul	99
9) Fluorene	15.29	166	192778	7.635	ng/ul	100
12) Phenanthrene	17.04	178	293298m	6.948	ng/ul	
13) Anthracene	17.13	178	24849m	0.681	ng/ul	
15) Fluoranthene	19.08	202	67011m	1.284	ng/ul	
17) Pyrene	19.44	202	42849	0.904	ng/ul	99
18) Benzo(a)anthracene	21.22	228	2275	0.053	ng/ul#	88

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

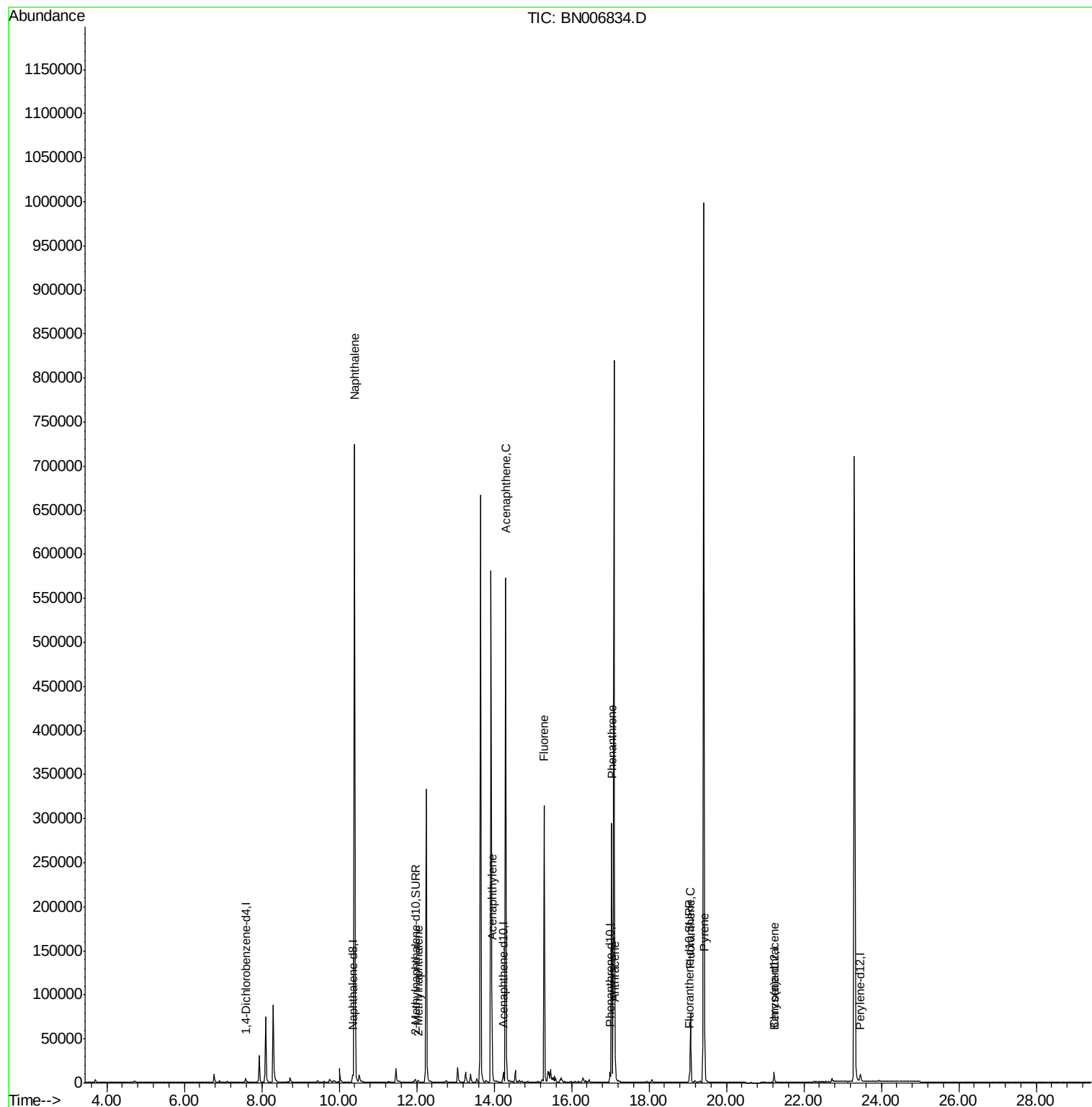
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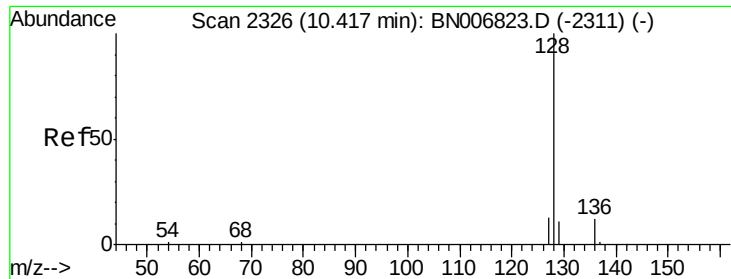
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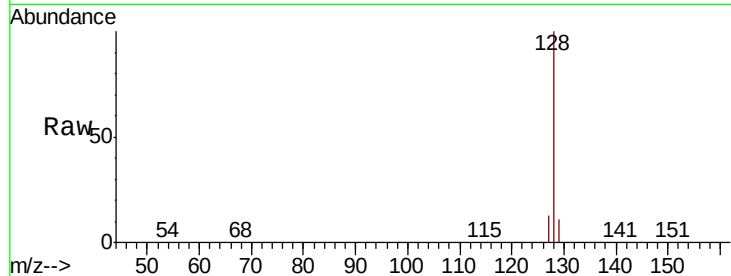
#3
Naphthalene
Concen: 30.226 ng/ul
RT: 10.39 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BN006834.D
Acq: 12 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :
BF4A1

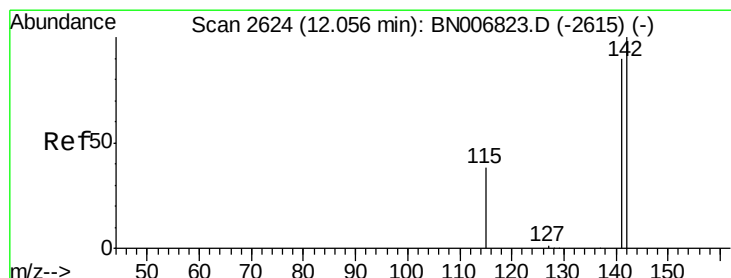
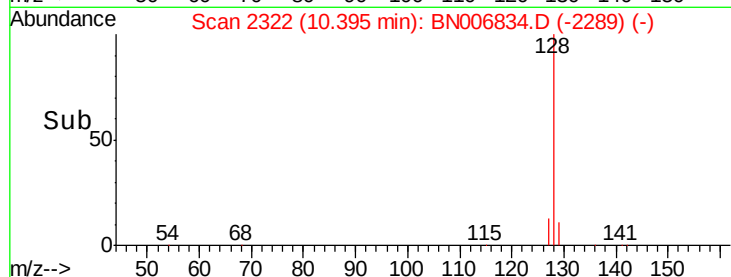
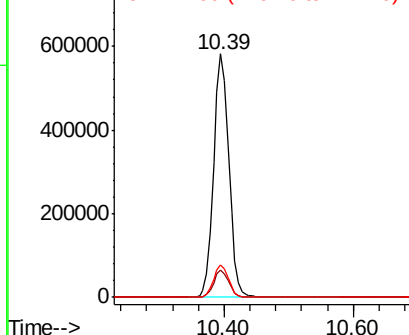
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.2	10.6	16.0

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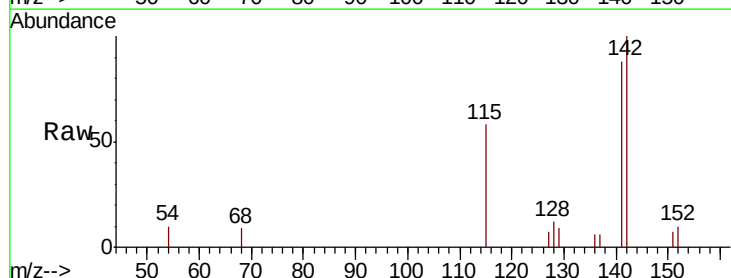


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

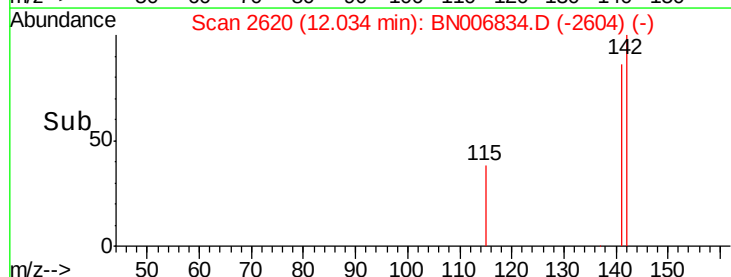
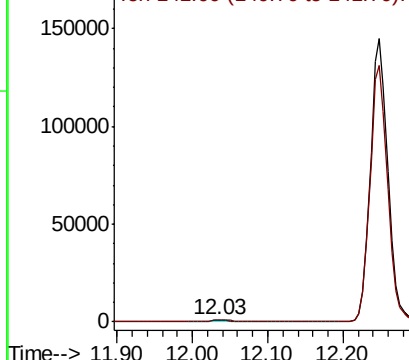


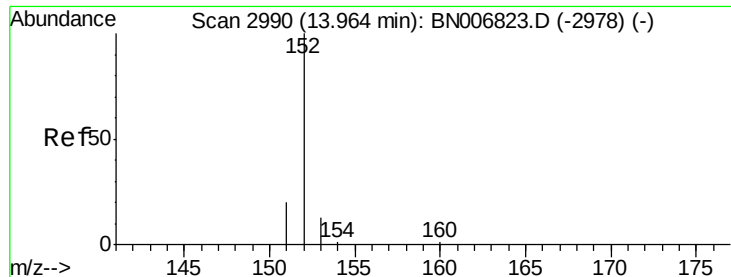
#5
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BN006834.D
Acq: 12 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	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: 0.659 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BN006834.D

Acq: 12 Jul 2019 15:10

Instrument :

BNA_N

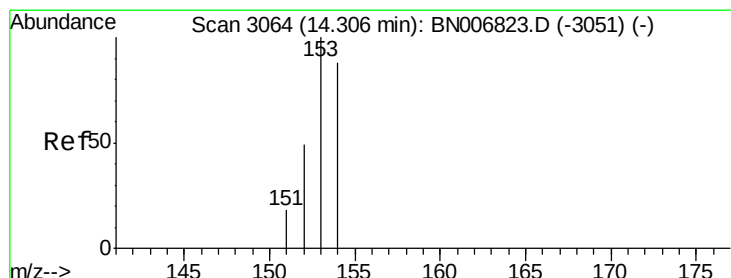
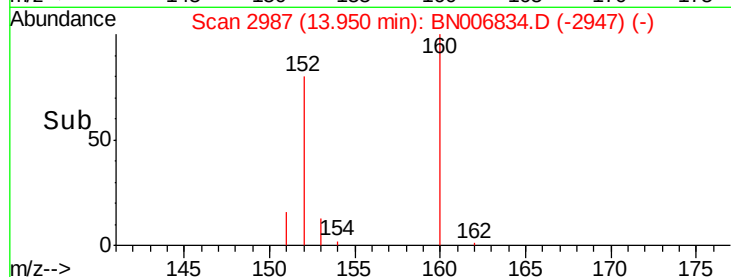
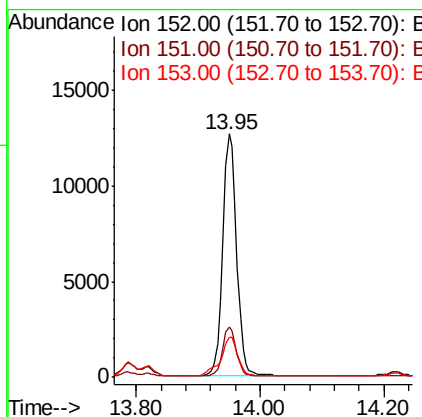
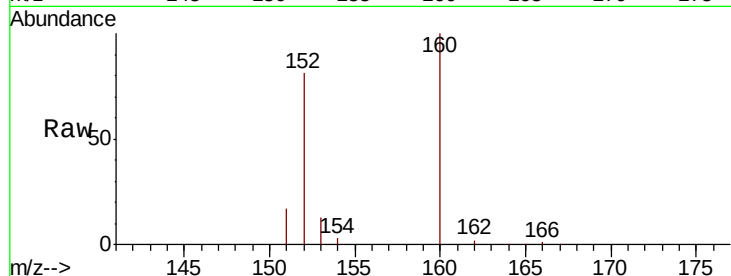
ClientSampleId :

BF4A1

Tot Ion:	152	Resp:	19701
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.1	24.1
153	16.4	11.2	16.8

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#8

Acenaphthene

Concen: 13.629 ng/ul

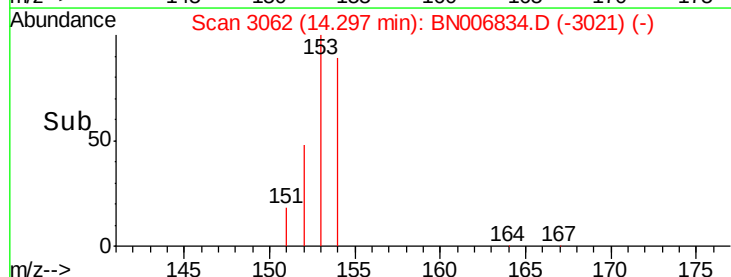
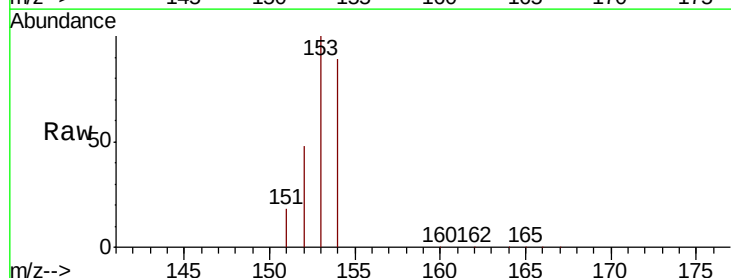
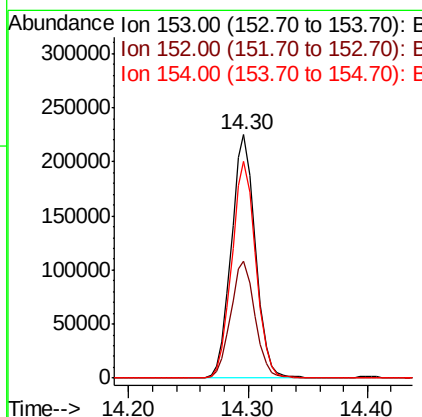
RT: 14.30 min Scan# 3062

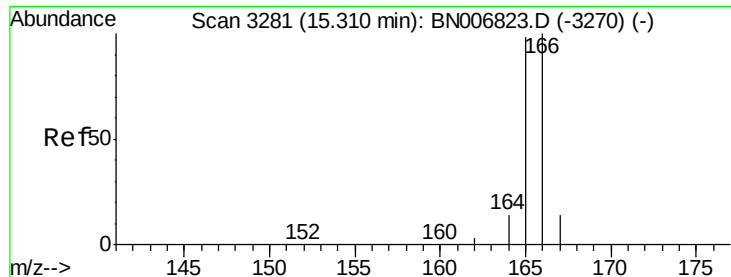
Delta R.T. -0.01 min

Lab File: BN006834.D

Acq: 12 Jul 2019 15:10

Tgt Ion:	153	Resp:	313985
Ion Ratio	Lower	Upper	
153	100		
152	47.8	39.3	58.9
154	88.9	70.6	105.8





#9

Fluorene

Concen: 7.635 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.02 min

Lab File: BN006834.D

Acq: 12 Jul 2019 15:10

Instrument :

BNA_N

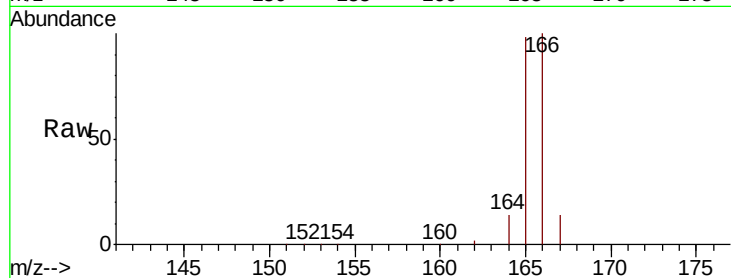
ClientSampleId :

BF4A1

Tot Ion:	166	Resp:	192778
Ion Ratio	Lower	Upper	
166	100		
165	97.9	78.2	117.4
167	13.6	11.3	16.9

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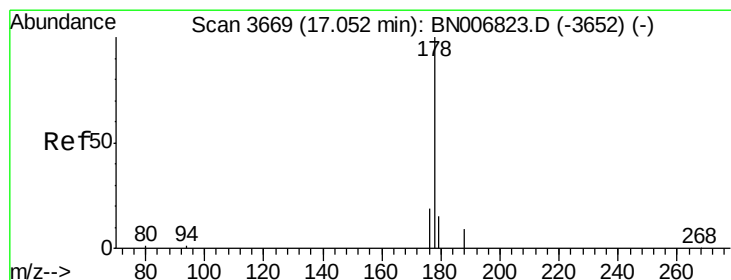
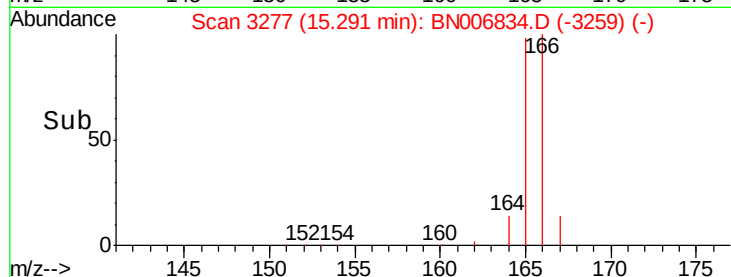
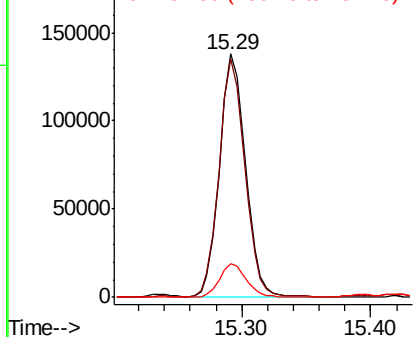


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 6.948 ng/ul m

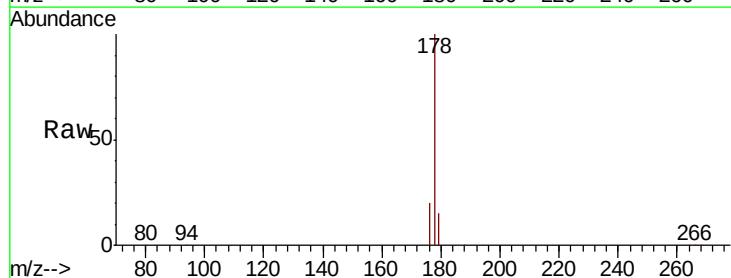
RT: 17.04 min Scan# 3665

Delta R.T. -0.02 min

Lab File: BN006834.D

Acq: 12 Jul 2019 15:10

Tgt Ion:	178	Resp:	293298
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	19.0
176	19.5	15.8	23.8

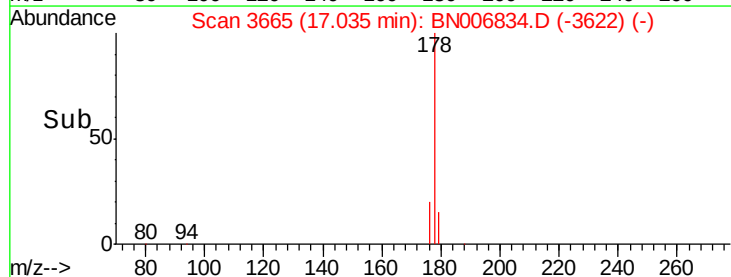
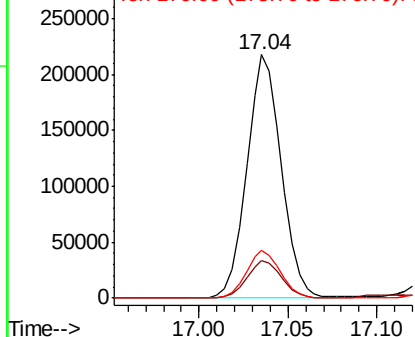


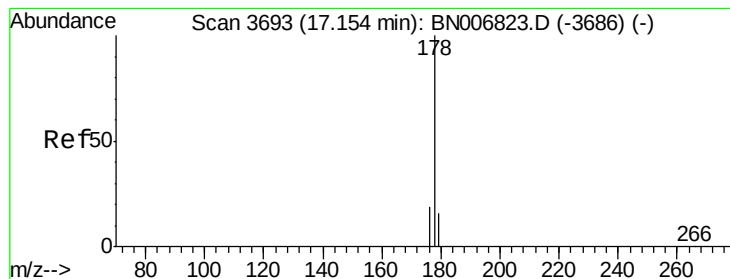
Abundance

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





#13

Anthracene

Concen: 0.681 ng/ul m

RT: 17.13 min Scan# 3687

Delta R.T. -0.02 min

Lab File: BN006834.D

Acq: 12 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:178 Resp: 24849

Ion Ratio Lower Upper

178 100

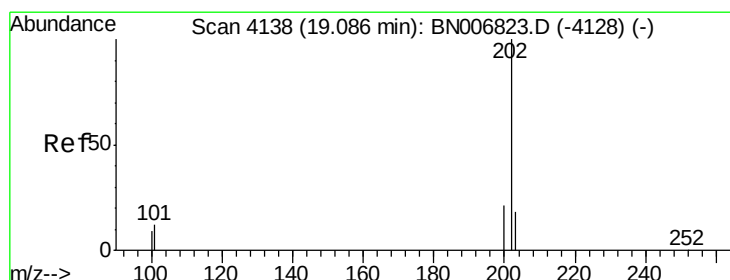
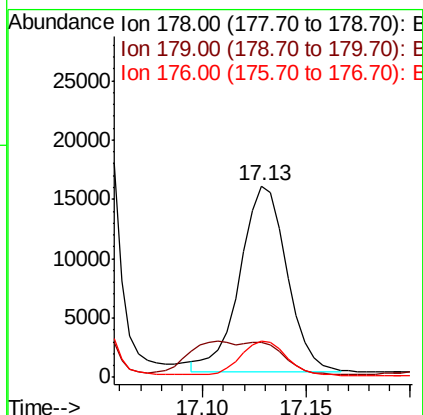
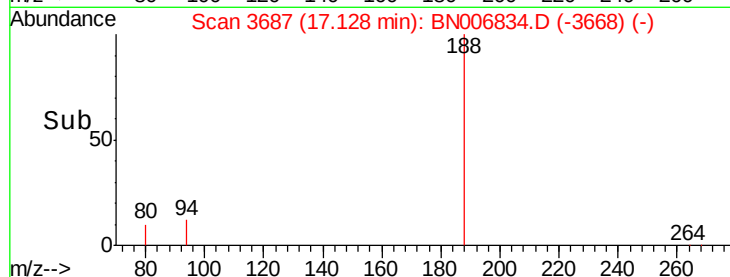
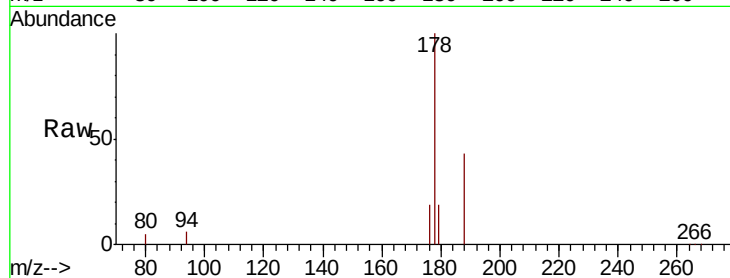
179 18.6 12.7 19.1

176 19.2 15.8 23.6

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#15

Fluoranthene

Concen: 1.284 ng/ul m

RT: 19.08 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN006834.D

Acq: 12 Jul 2019 15:10

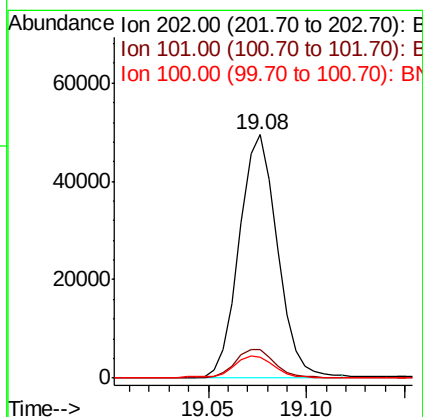
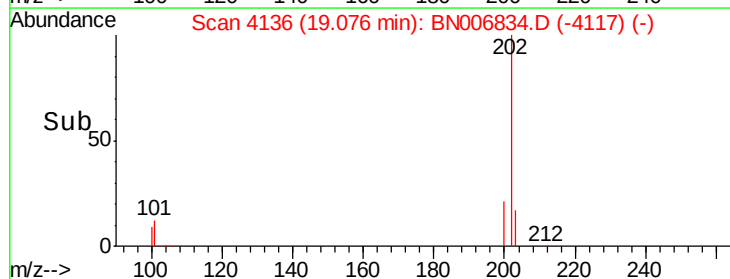
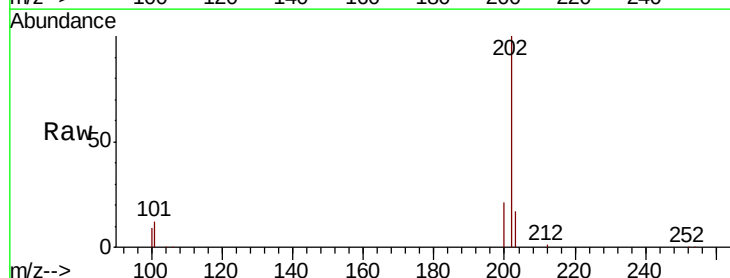
Tgt Ion:202 Resp: 67011

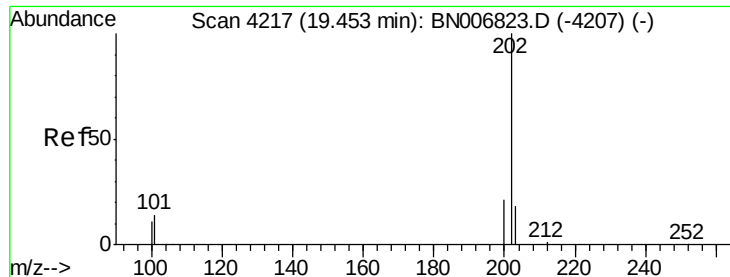
Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.2

100 8.7 0.0 29.9





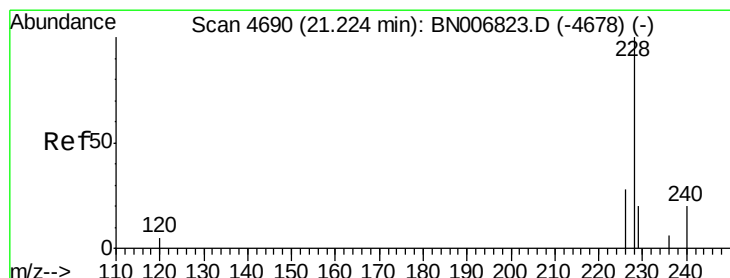
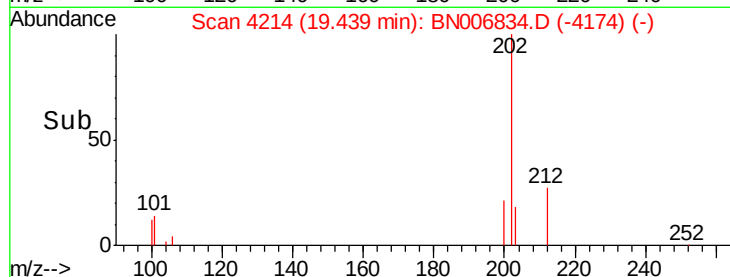
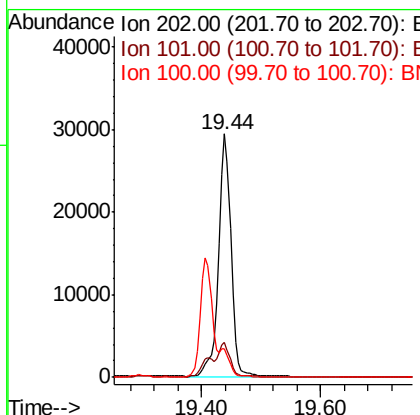
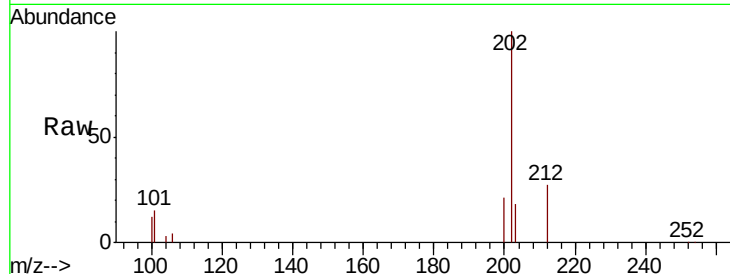
#17
Pvrene
Concen: 0.904 ng/ul
RT: 19.44 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN006834.D
Acq: 12 Jul 2019 15:10

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.2	18.2
100	11.7	9.8	14.8

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#18
Benzo(a)anthracene
Concen: 0.053 ng/ul
RT: 21.22 min Scan# 4687
Delta R.T. -0.01 min
Lab File: BN006834.D
Acq: 12 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.4	15.9	23.9#
226	32.6	22.6	34.0

