

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071519\
 Data File : BN006851.D
 Acq On : 15 Jul 2019 16:04
 Operator : HP/JU
 Sample : K3762-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B6

Manual Integrations
 APPROVED

mohammad
 7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:56:51 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	3098	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	11103	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5702	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12585m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	10063m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	9321m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4438	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	12294m	0.33	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.41	128	1329	0.042	ng/ul#	81
8) Acenaphthene	14.30	153	14744	0.650	ng/ul	99
9) Fluorene	15.30	166	10027	0.403	ng/ul	99
12) Phenanthrene	17.04	178	4832m	0.119	ng/ul	
13) Anthracene	17.13	178	7049m	0.201	ng/ul	
15) Fluoranthene	19.08	202	4409m	0.088	ng/ul	
17) Pyrene	19.43	202	2025	0.044	ng/ul#	76

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

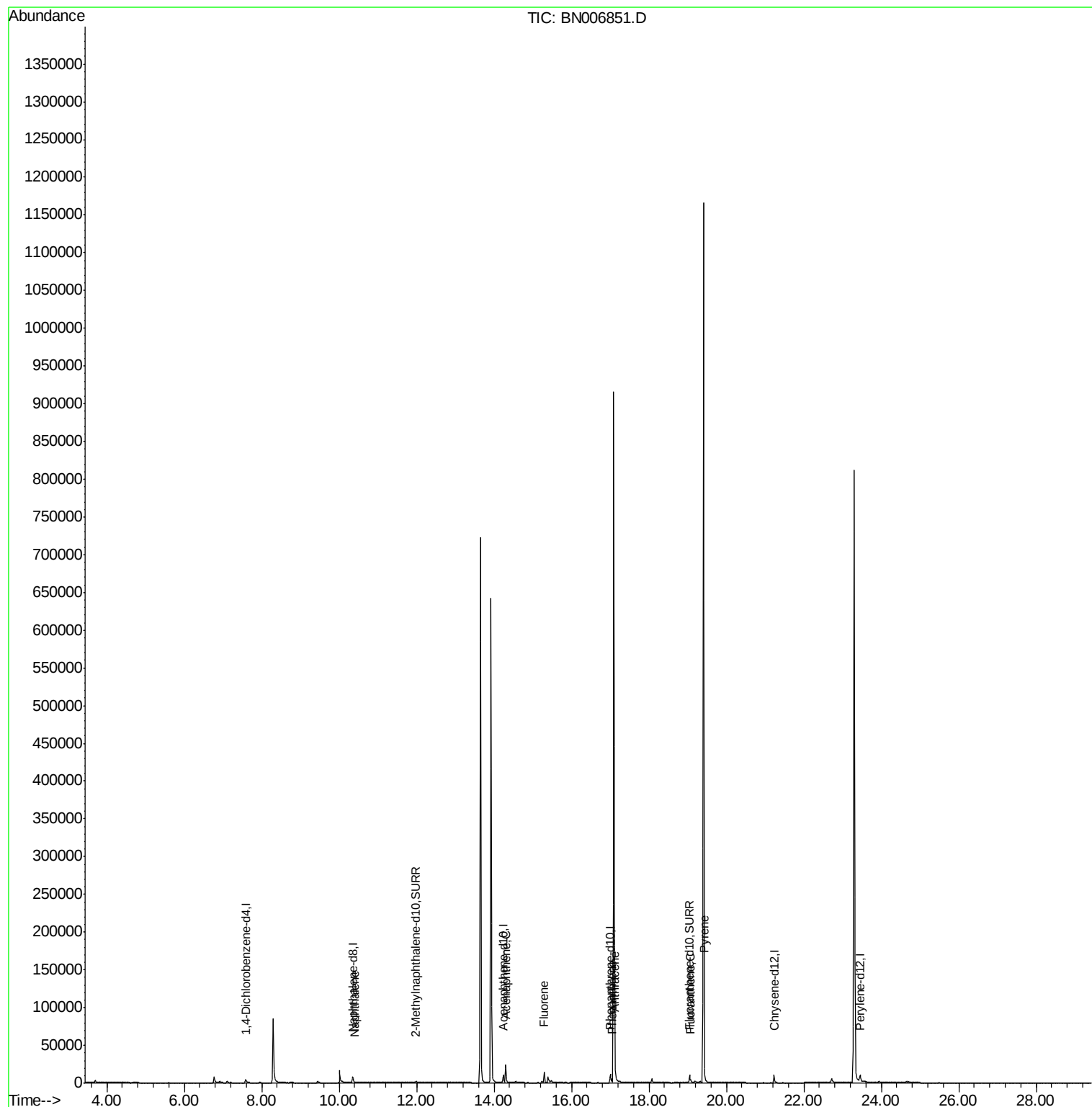
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071519\
Data File : BN006851.D
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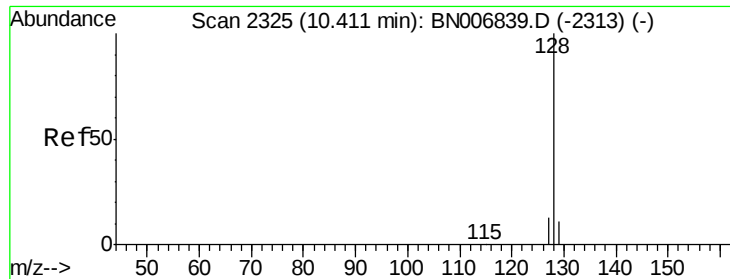
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#3

Naphthalene

Concen: 0.042 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN006851.D

Acq: 15 Jul 2019 16:04

Instrument :

BNA_N

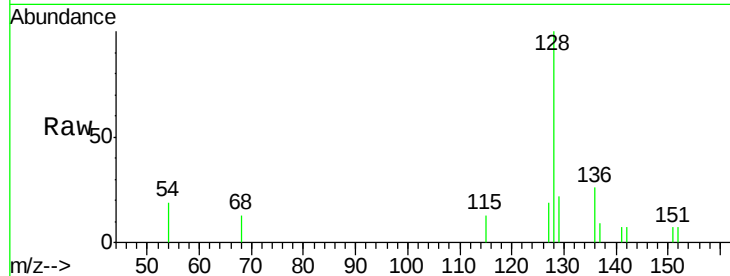
ClientSampleId :

BF4B6

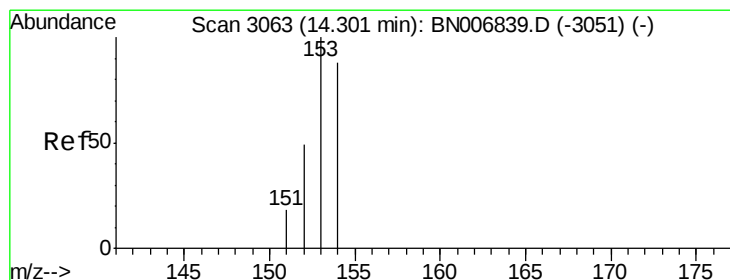
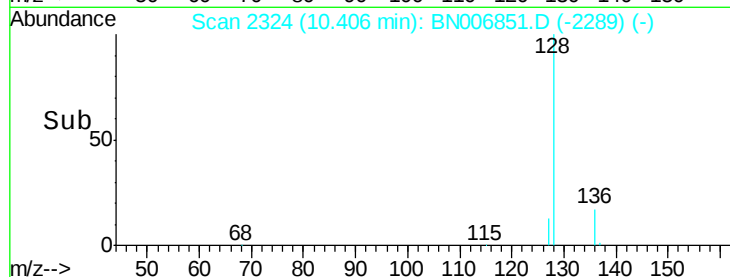
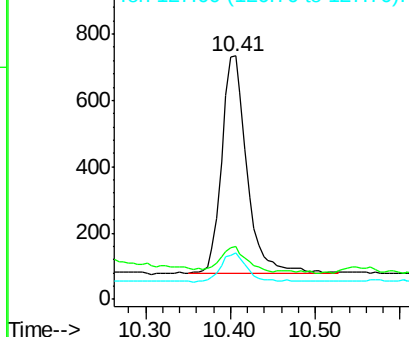
Tgt Ion:	128	Resp:	1329
Ion Ratio	Lower	Upper	
128	100		
129	21.5	9.4	14.0#
127	18.9	10.6	16.0#

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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



#8

Acenaphthene

Concen: 0.650 ng/ul

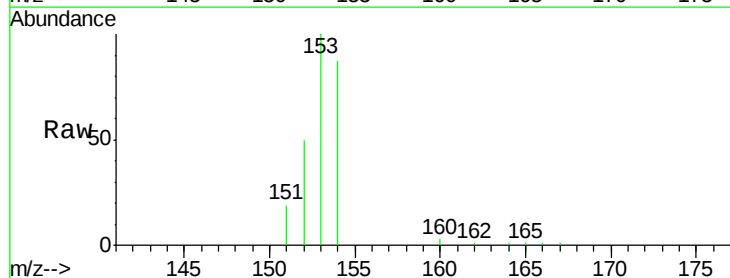
RT: 14.30 min Scan# 3062

Delta R.T. -0.01 min

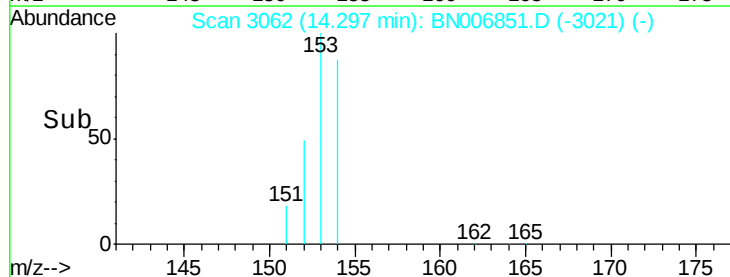
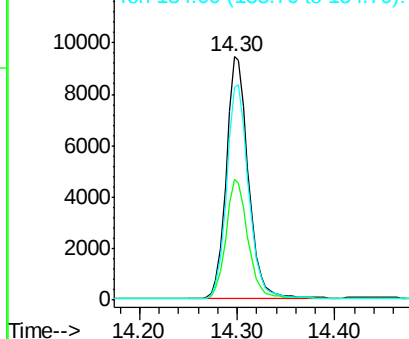
Lab File: BN006851.D

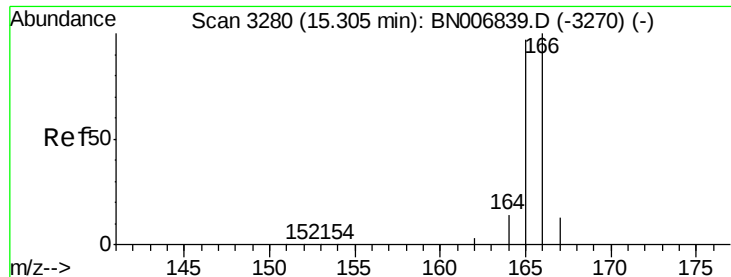
Acq: 15 Jul 2019 16:04

Tgt Ion:	153	Resp:	14744
Ion Ratio	Lower	Upper	
153	100		
152	49.8	39.3	58.9
154	87.3	70.6	105.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.403 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BN006851.D

Acq: 15 Jul 2019 16:04

Instrument :

BNA_N

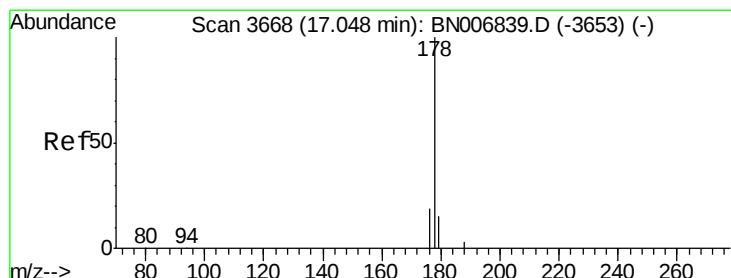
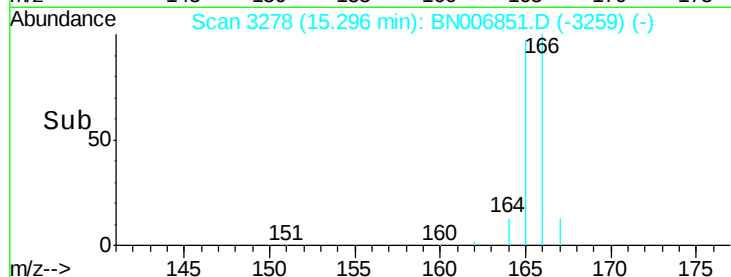
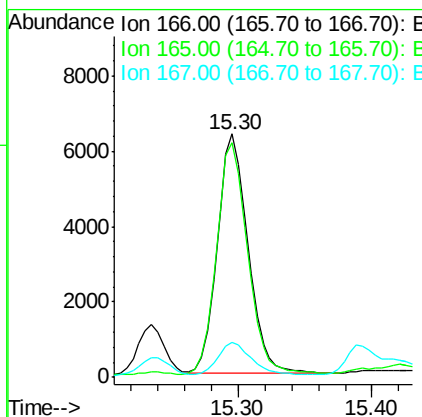
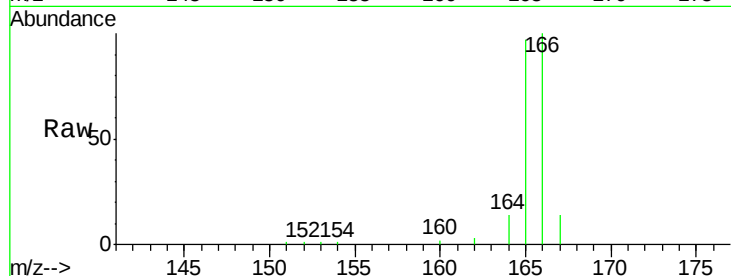
ClientSampleId :

BF4B6

Tgt Ion:	166	Resp:	10027
Ion Ratio	Lower	Upper	
166	100		
165	96.6	78.2	117.4
167	14.1	11.3	16.9

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#12

Phenanthrene

Concen: 0.119 ng/ul m

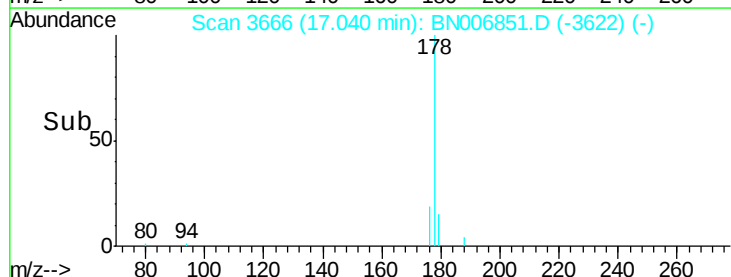
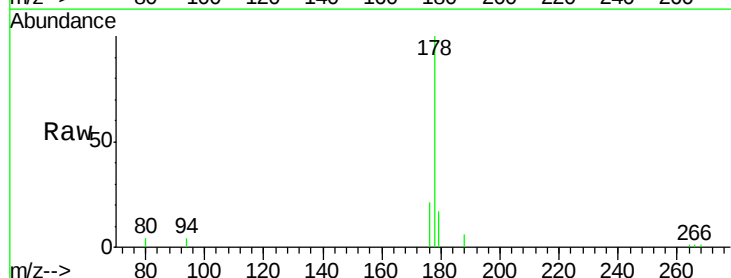
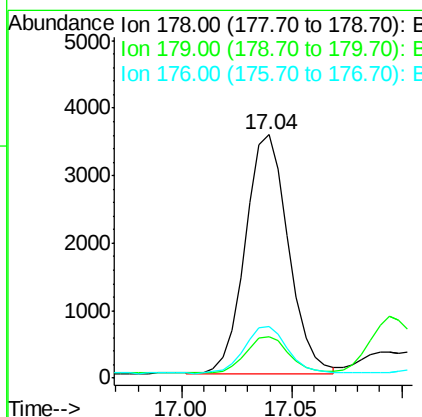
RT: 17.04 min Scan# 3666

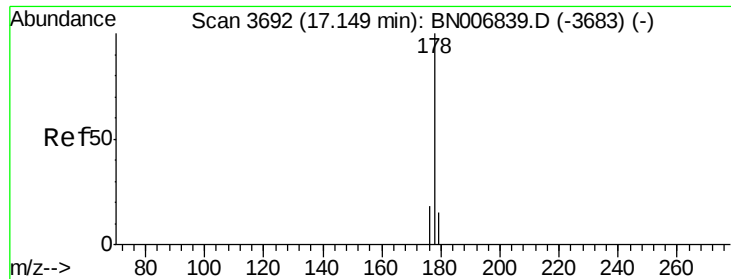
Delta R.T. -0.01 min

Lab File: BN006851.D

Acq: 15 Jul 2019 16:04

Tgt Ion:	178	Resp:	4832
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.6	19.0
176	21.1	15.8	23.8





#13

Anthracene

Concen: 0.201 ng/ul m

RT: 17.13 min Scan# 3687

Delta R.T. -0.02 min

Lab File: BN006851.D

Acq: 15 Jul 2019 16:04

Instrument :

BNA_N

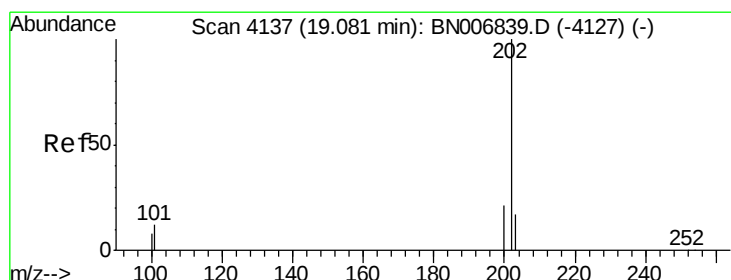
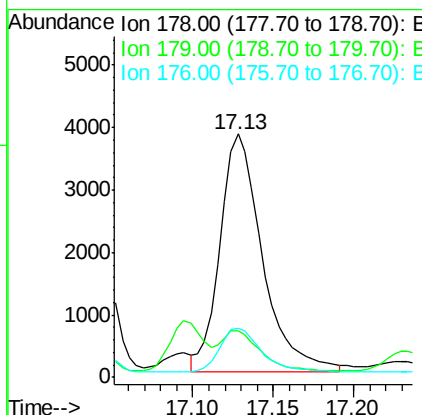
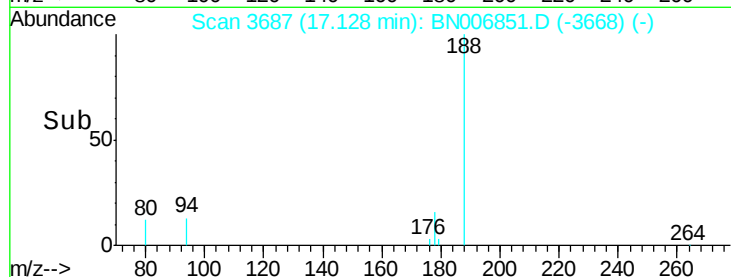
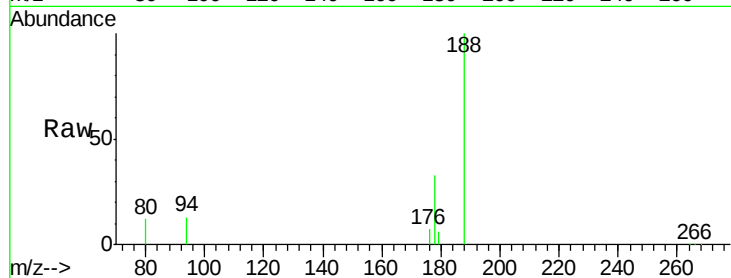
ClientSampleId :

BF4B6

Tgt Ion:	178	Resp:	7049
Ion Ratio	Lower	Upper	
178	100		
179	18.9	12.7	19.1
176	20.1	15.8	23.6

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#15

Fluoranthene

Concen: 0.088 ng/ul m

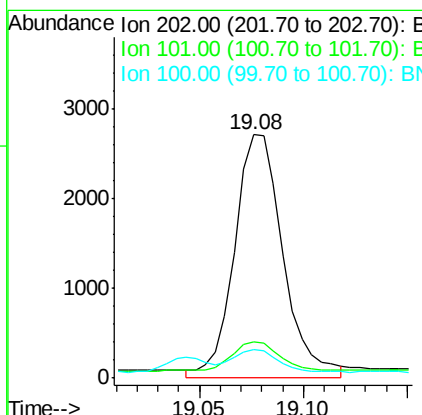
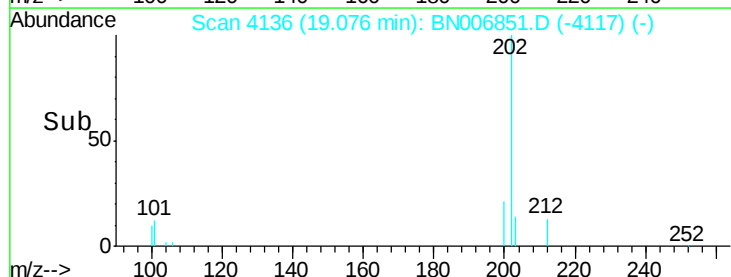
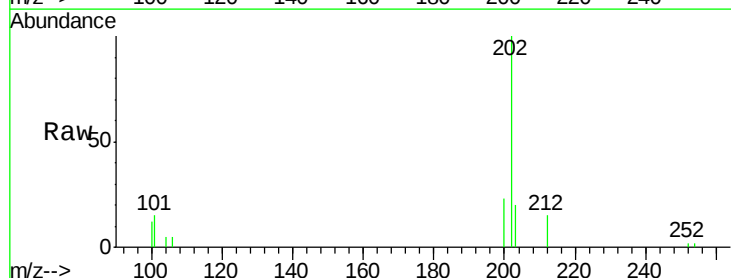
RT: 19.08 min Scan# 4136

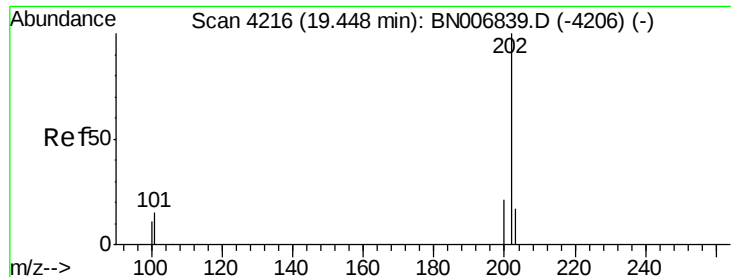
Delta R.T. -0.01 min

Lab File: BN006851.D

Acq: 15 Jul 2019 16:04

Tgt Ion:	202	Resp:	4409
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	33.2
100	11.9	0.0	29.9





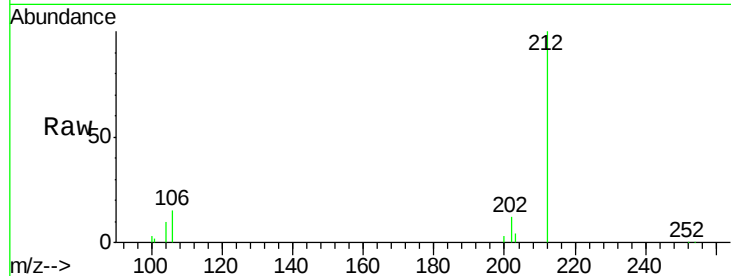
#17
 Pyrene
 Concen: 0.044 ng/ul
 RT: 19.43 min Scan# 4213
 Delta R.T. -0.02 min
 Lab File: BN006851.D
 Acq: 15 Jul 2019 16:04

Instrument :
 BNA_N
 ClientSampleId :
 BF4B6

Tgt Ion	Ratio	Lower	Upper
202	100		
101	20.7	12.2	18.2#
100	26.7	9.8	14.8#

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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

