

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B5

Manual Integrations
 APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:04:15 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 19 03:57:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2879	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	10638	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	5520	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11914m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	9764m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	8557m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4248	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	10428m	0.30	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	4174	0.137	ng/ul#	94
5) 2-Methylnaphthalene	12.05	142	4699	0.228	ng/ul	99
8) Acenaphthene	14.30	153	7482	0.341	ng/ul	99
9) Fluorene	15.29	166	8524	0.354	ng/ul	99
12) Phenanthrene	17.04	178	51532	1.345	ng/ul	99
13) Anthracene	17.12	178	3141m	0.095	ng/ul	
15) Fluoranthene	19.08	202	13937m	0.294	ng/ul	
17) Pyrene	19.43	202	9410m	0.211	ng/ul	

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

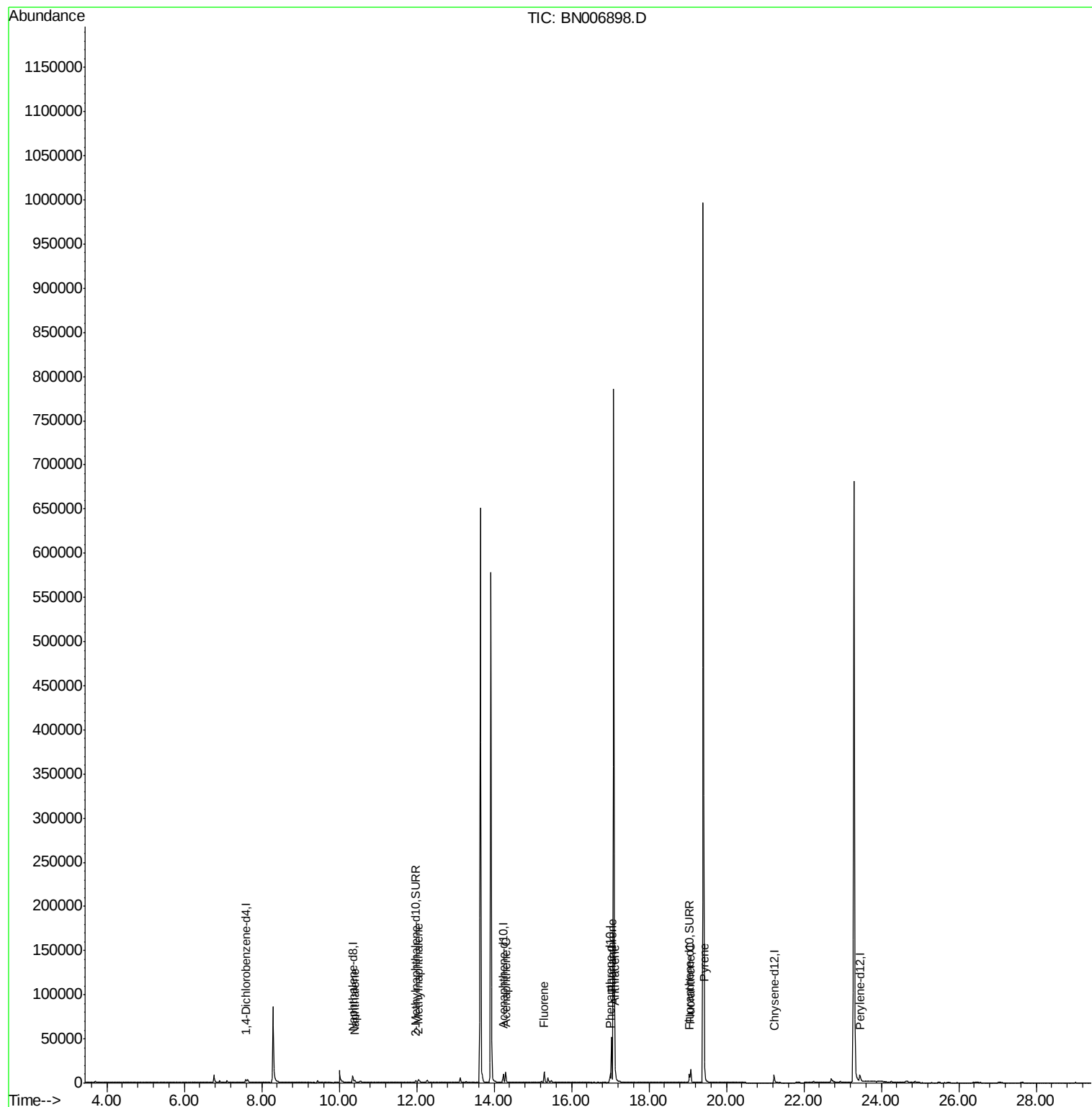
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
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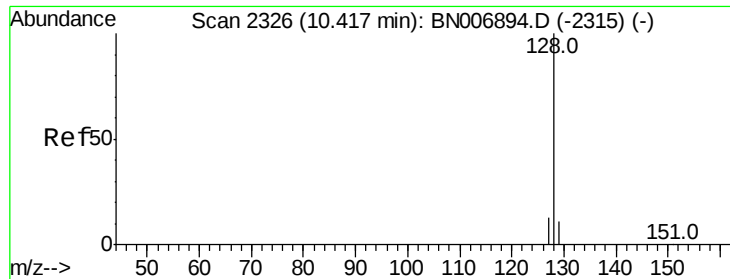
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.137 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BN006898.D

Acq: 18 Jul 2019 19:01

Instrument :

BNA_N

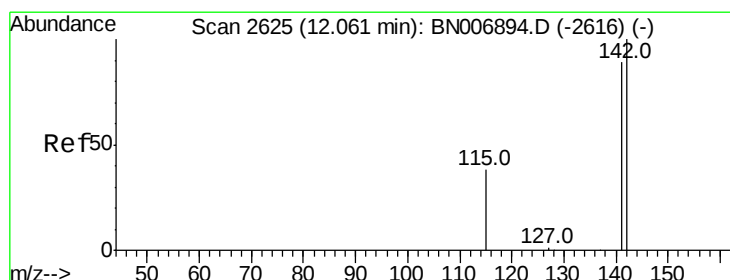
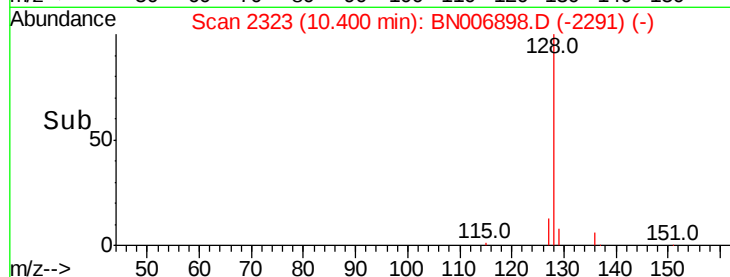
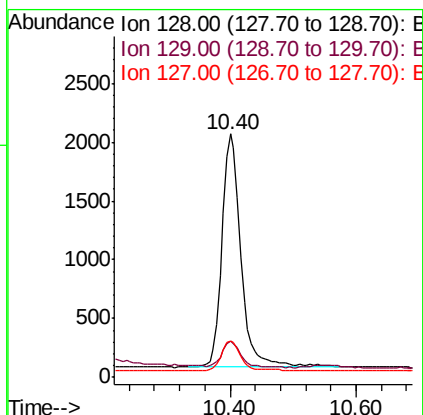
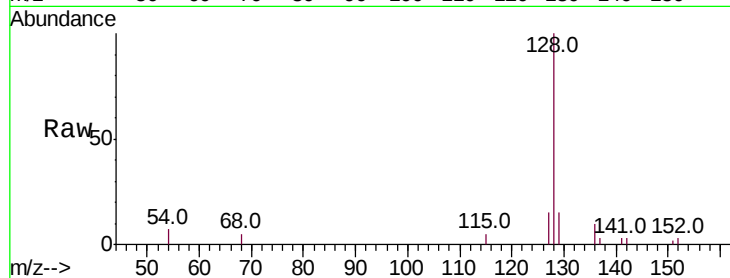
ClientSampled :

BF4B5

Tot Ion:	128	Resp:	4174
Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.4	14.0#
127	15.1	10.6	16.0

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#5

2-Methylnaphthalene

Concen: 0.228 ng/ul

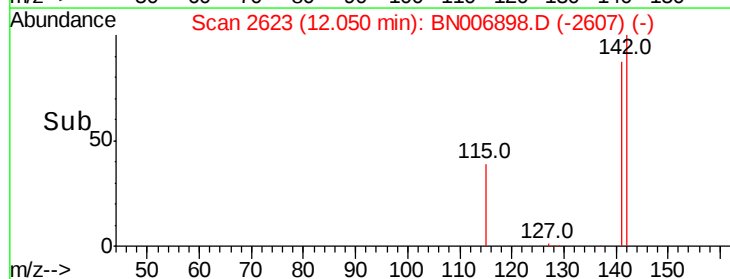
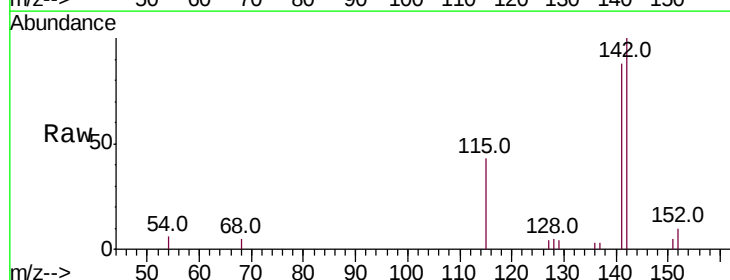
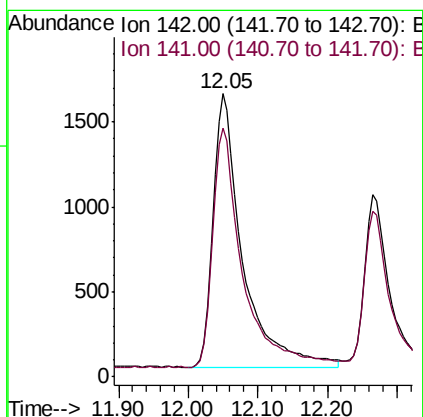
RT: 12.05 min Scan# 2623

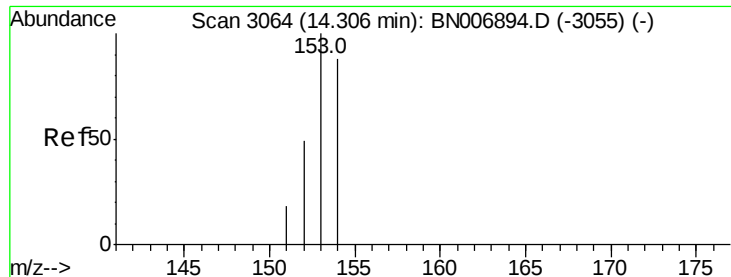
Delta R.T. -0.01 min

Lab File: BN006898.D

Acq: 18 Jul 2019 19:01

Tgt Ion:	142	Resp:	4699
Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.8	107.6





#8

Acenaphthene

Concen: 0.341 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BN006898.D

Acq: 18 Jul 2019 19:01

Instrument :

BNA_N

ClientSampleId :

BF4B5

Tot Ion:153 Resp: 7482

Ion Ratio Lower Upper

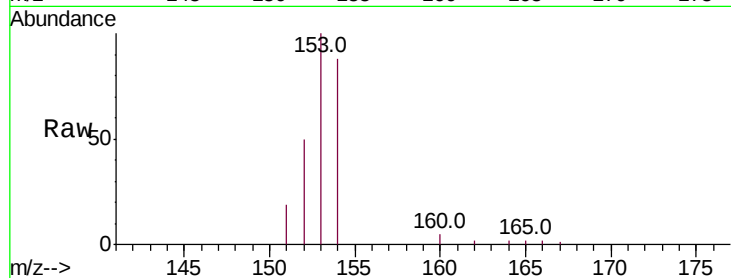
153 100

152 50.4 39.3 58.9

154 87.8 70.6 105.8

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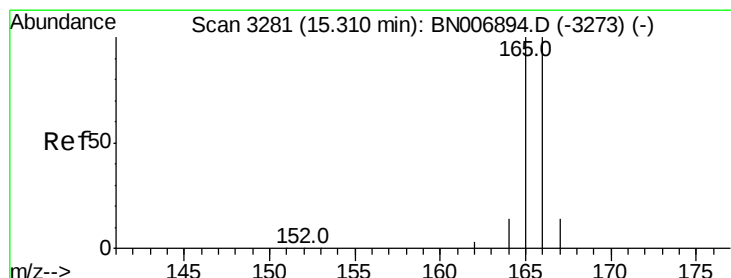
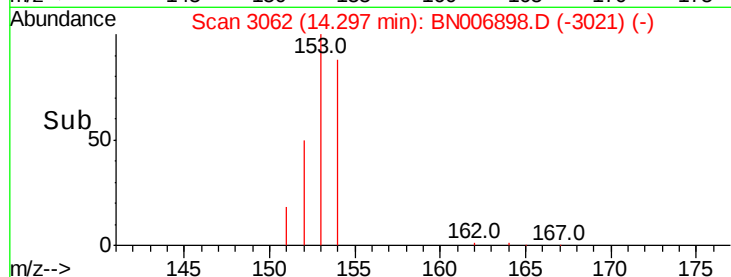
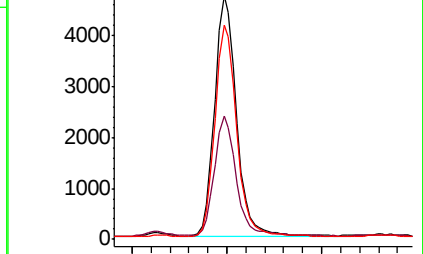
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.354 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.02 min

Lab File: BN006898.D

Acq: 18 Jul 2019 19:01

Tgt Ion:166 Resp: 8524

Ion Ratio Lower Upper

166 100

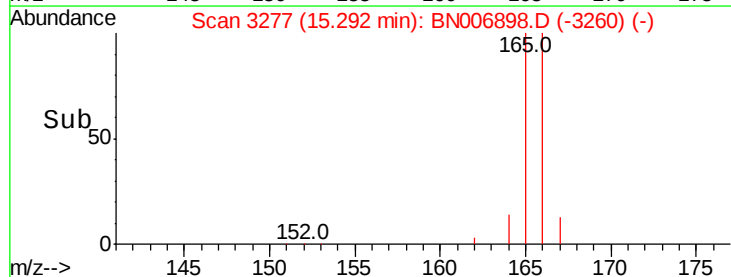
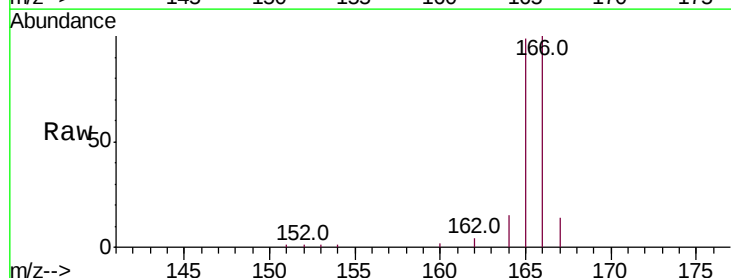
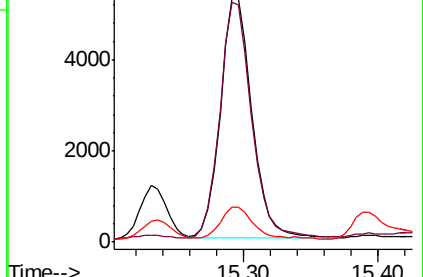
165 98.7 78.2 117.4

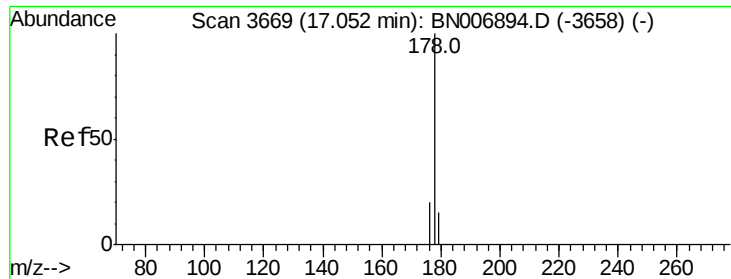
167 14.4 11.3 16.9

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





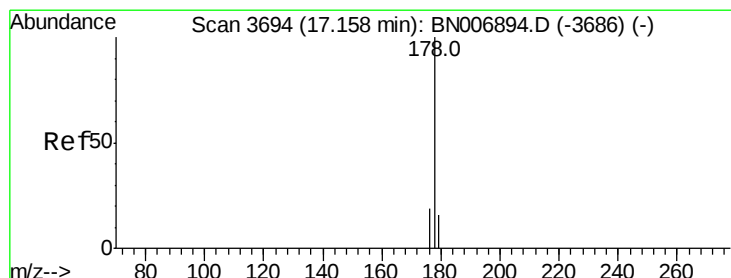
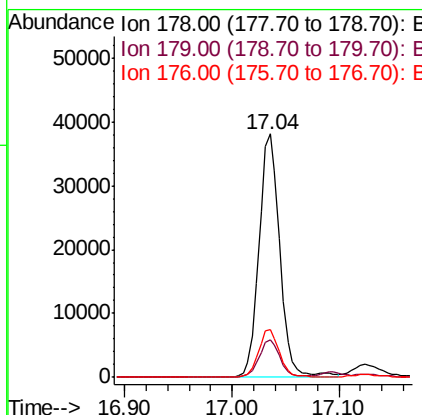
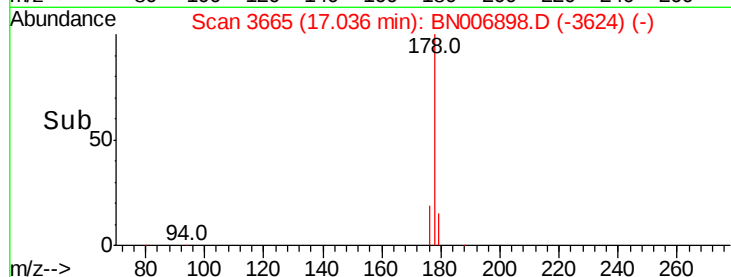
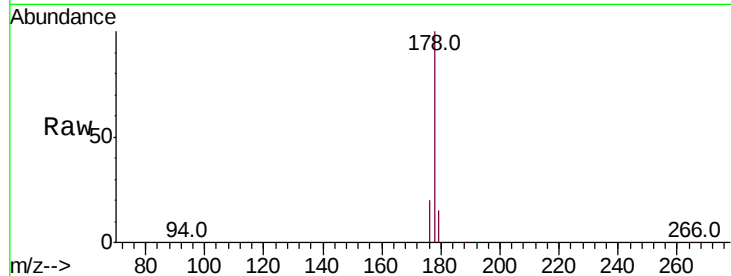
#12
Phenanthrene
Concen: 1.345 ng/ul
RT: 17.04 min Scan# 3665
Delta R.T. -0.03 min
Lab File: BN006898.D
Acq: 18 Jul 2019 19:01

Instrument :
BNA_N
ClientSampleId :
BF4B5

Tot Ion:178 Resp: 51532
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 15.8 23.8

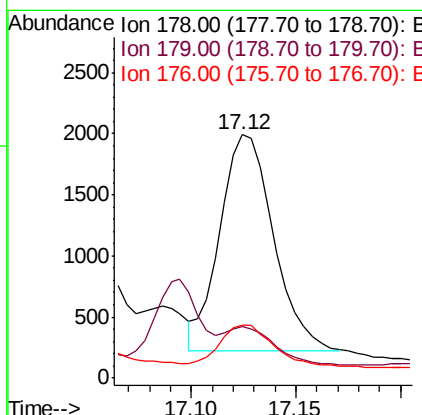
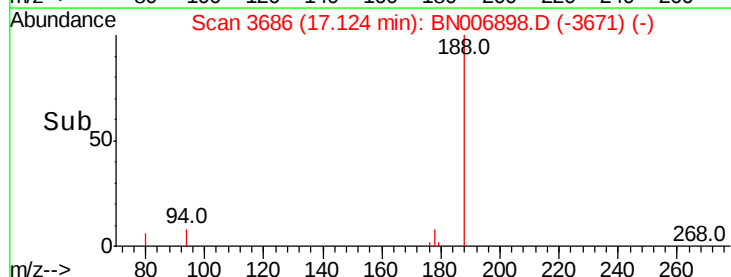
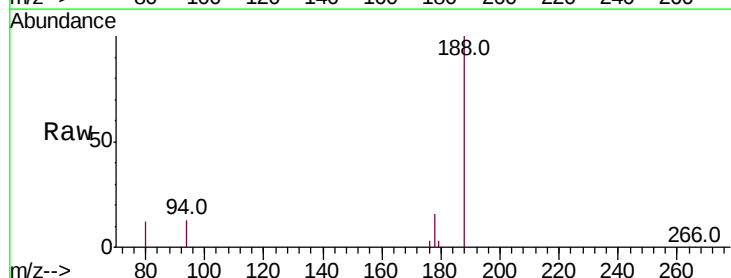
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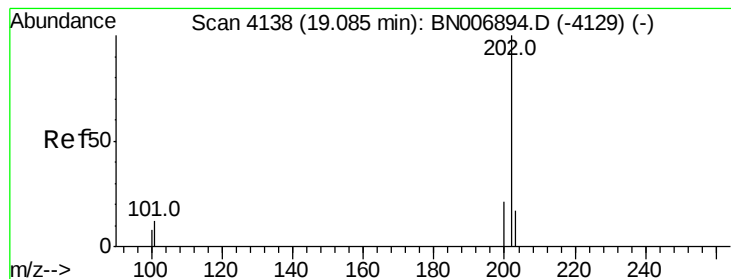
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#13
Anthracene
Concen: 0.095 ng/ul m
RT: 17.12 min Scan# 3686
Delta R.T. -0.04 min
Lab File: BN006898.D
Acq: 18 Jul 2019 19:01

Tgt Ion:178 Resp: 3141
Ion Ratio Lower Upper
178 100
179 21.2 12.7 19.1#
176 21.8 15.8 23.6





#15

Fluoranthene

Concen: 0.294 ng/ul m

RT: 19.08 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN006898.D

Acq: 18 Jul 2019 19:01

Instrument :

BNA_N

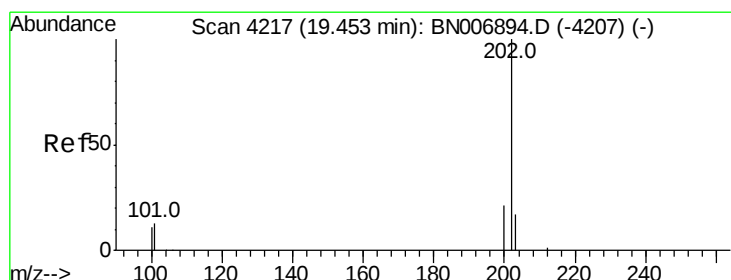
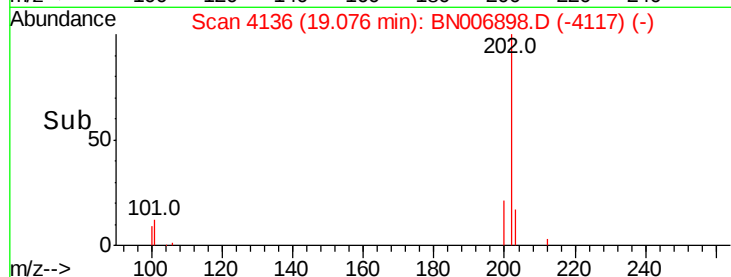
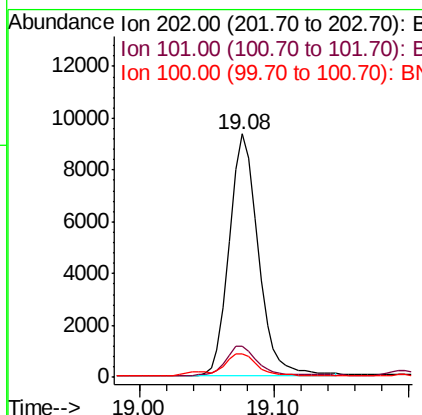
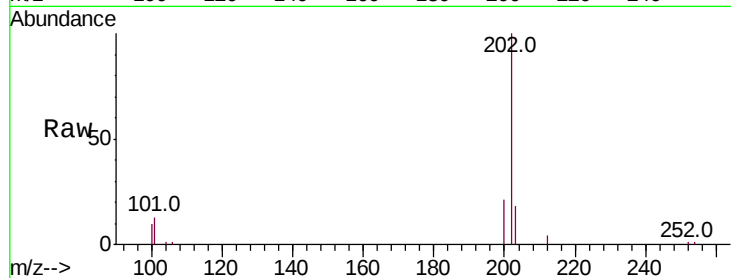
ClientSampleId :

BF4B5

Tot Ion:	202	Resp:	13937
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.2
100	9.9	0.0	29.9

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#17

Pyrene

Concen: 0.211 ng/ul m

RT: 19.43 min Scan# 4213

Delta R.T. -0.02 min

Lab File: BN006898.D

Acq: 18 Jul 2019 19:01

Tgt Ion:	202	Resp:	9410
Ion Ratio	Lower	Upper	
202	100		
101	15.6	12.2	18.2
100	14.4	9.8	14.8

