

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022653.D
 Acq On : 11 Sep 2019 12:38
 Operator : HP/JU
 Sample : K4706-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF571

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:54:48 AM

Quant Time: Sep 11 15:14:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	19752	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	85795	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	50477	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	113658m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	97599m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	81273m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	41681	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	107735m	0.35	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	10.69	128	118092	0.483	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	41956	0.250	ng/ul	100
8) Acenaphthene	14.54	153	24988	0.128	ng/ul	99
9) Fluorene	15.52	166	31057	0.139	ng/ul	100
12) Phenanthrene	17.25	178	143577m	0.396	ng/ul	
13) Anthracene	17.35	178	25064m	0.081	ng/ul	
15) Fluoranthene	19.27	202	61005m	0.156	ng/ul	
17) Pyrene	19.63	202	38911	0.088	ng/ul	97

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

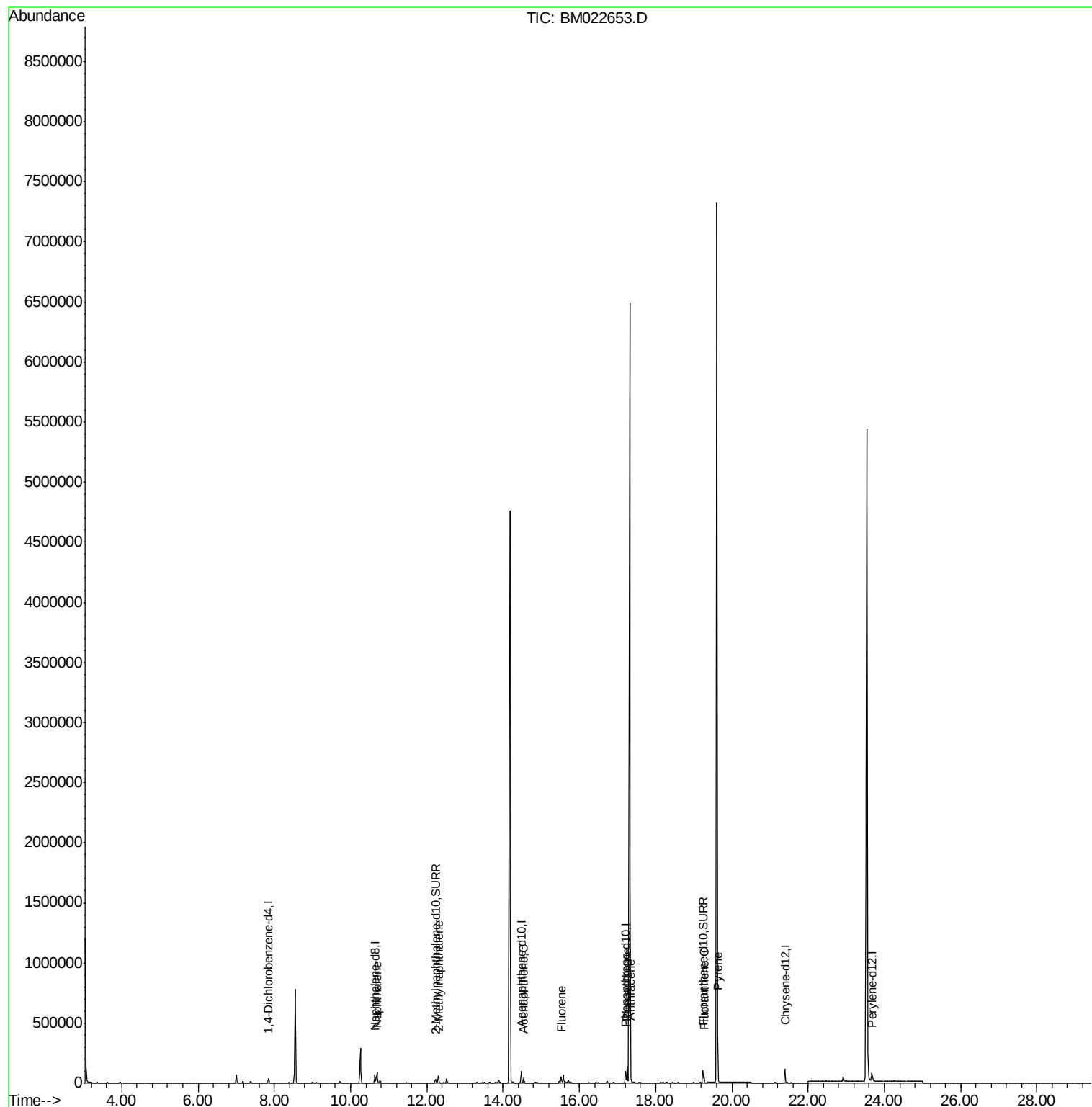
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
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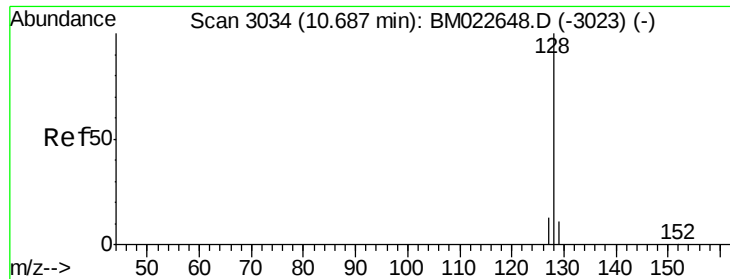
Instrument :
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#3

Naphthalene

Concen: 0.483 ng/ul

RT: 10.69 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BM022653.D

Acq: 11 Sep 2019 12:38

Instrument :

BNA_M

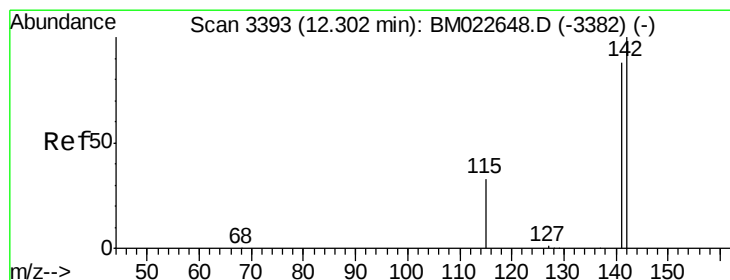
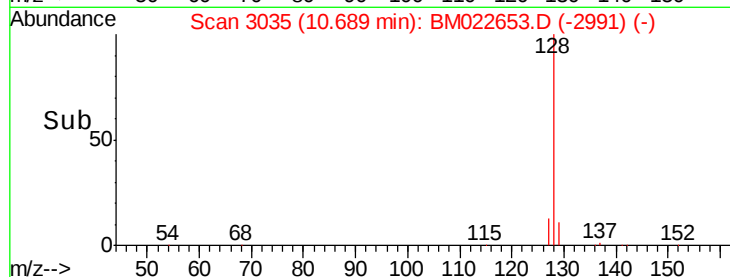
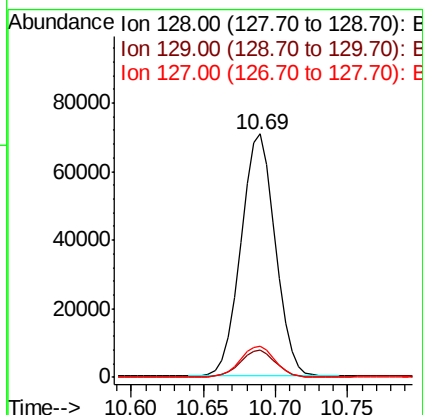
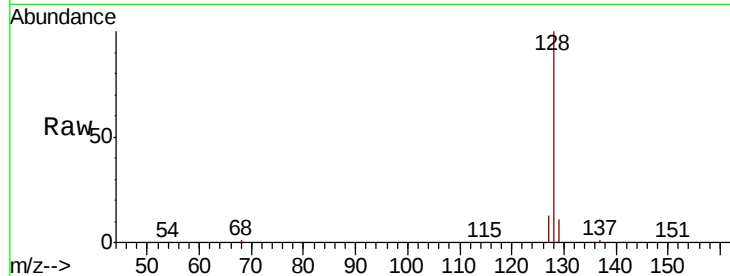
ClientSampleId :

BF571

Tot Ion:	128	Resp:	118092
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	12.8	10.4	15.6

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#5

2-Methylnaphthalene

Concen: 0.250 ng/ul

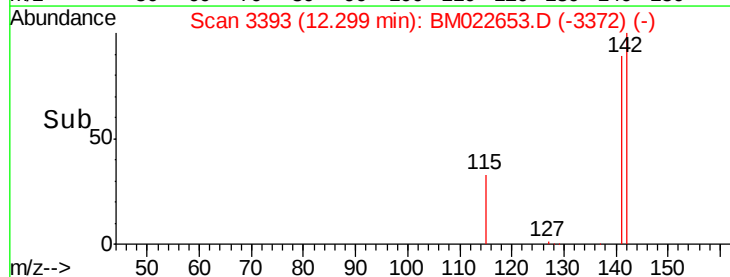
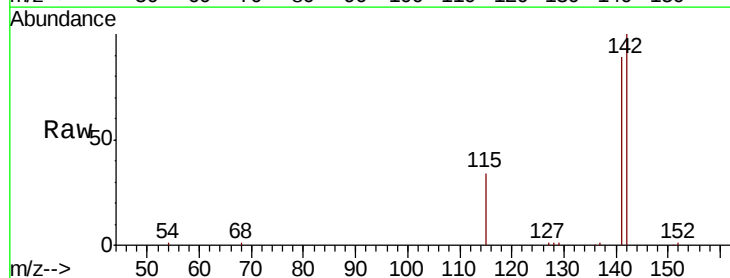
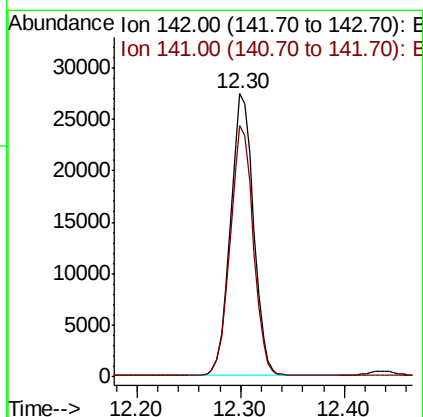
RT: 12.30 min Scan# 3393

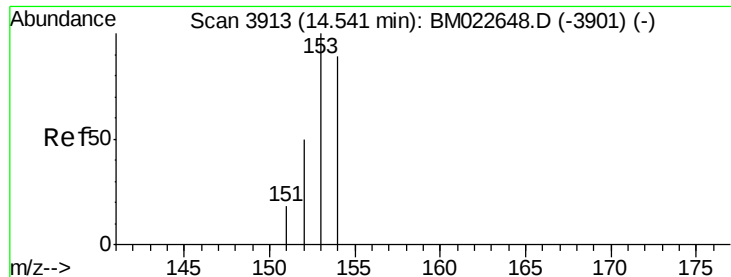
Delta R.T. -0.01 min

Lab File: BM022653.D

Acq: 11 Sep 2019 12:38

Tgt Ion:	142	Resp:	41956
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.8	106.2





#8

Acenaphthene

Concen: 0.128 ng/ul

RT: 14.54 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM022653.D

Acq: 11 Sep 2019 12:38

Instrument :

BNA_M

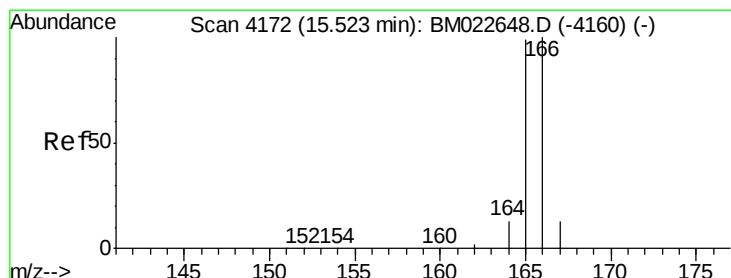
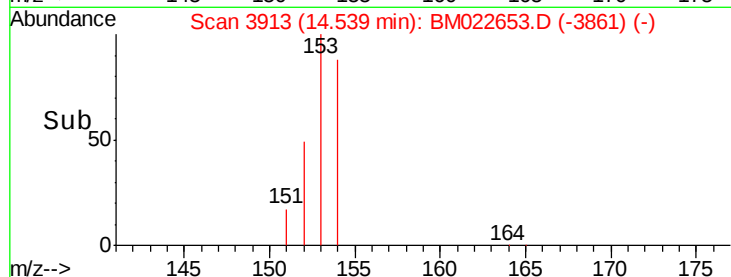
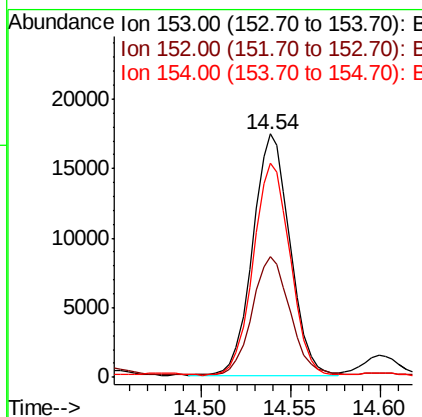
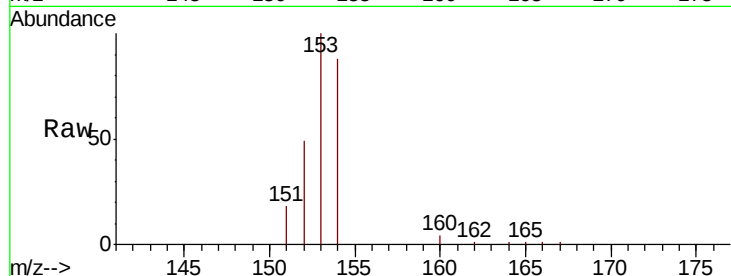
ClientSampleId :

BF571

Tot Ion:	153	Resp:	24988
Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.7	61.1
154	88.1	70.0	105.0

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#9

Fluorene

Concen: 0.139 ng/ul

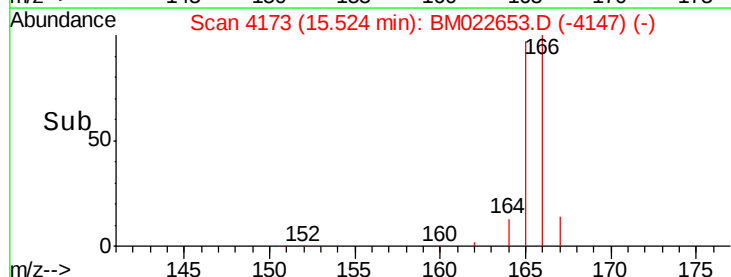
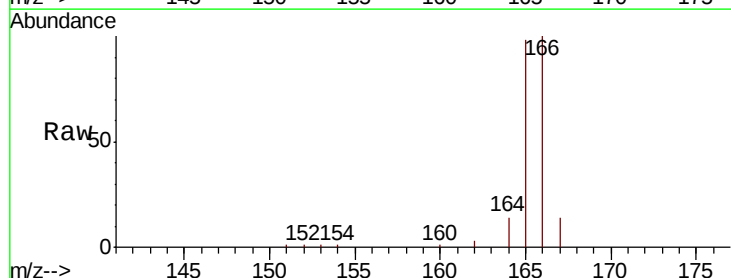
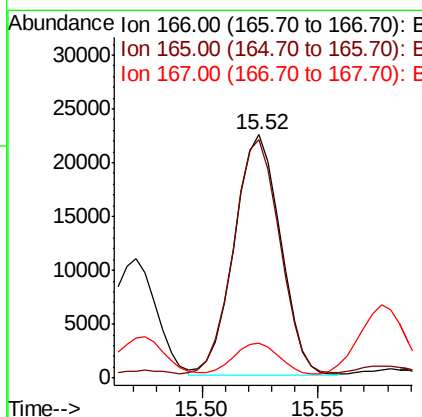
RT: 15.52 min Scan# 4173

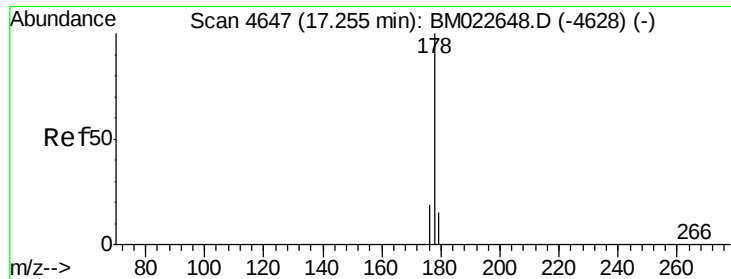
Delta R.T. -0.00 min

Lab File: BM022653.D

Acq: 11 Sep 2019 12:38

Tgt Ion:	166	Resp:	31057
Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	14.3	10.8	16.2





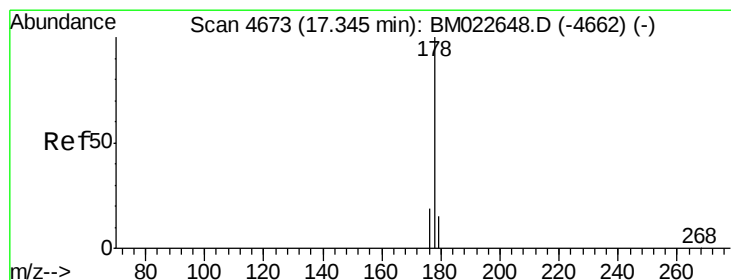
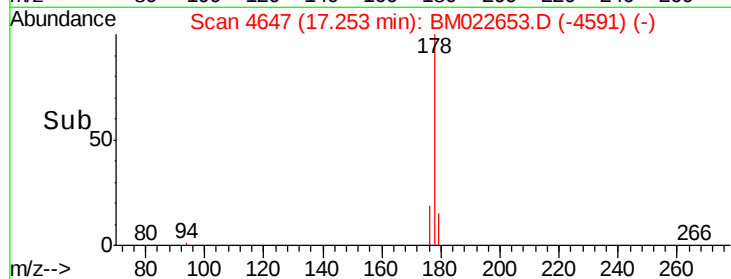
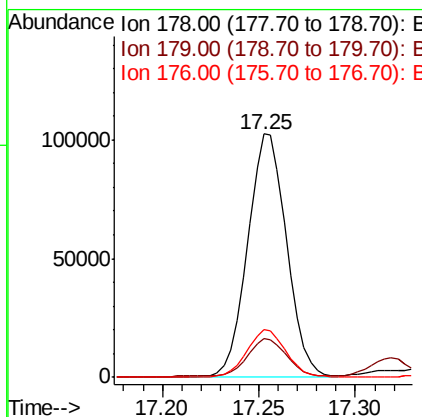
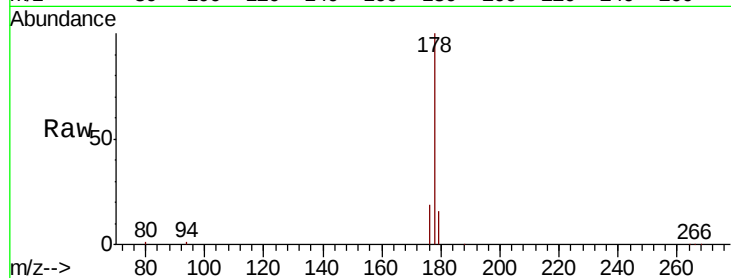
#12
Phenanthrene
Concen: 0.396 ng/ul m
RT: 17.25 min Scan# 4647
Delta R.T. -0.01 min
Lab File: BM022653.D
Acq: 11 Sep 2019 12:38

Instrument :
BNA_M
ClientSampled :
BF571

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.4	15.3	22.9

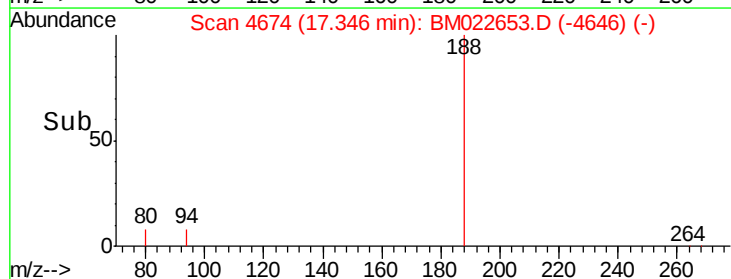
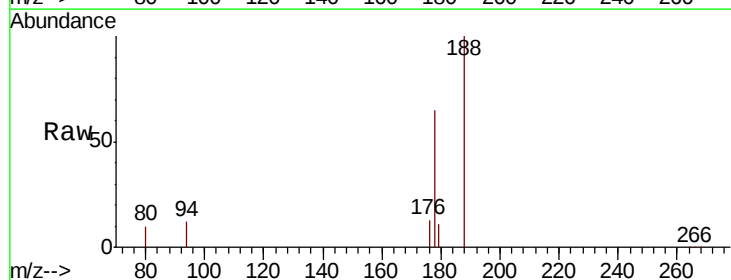
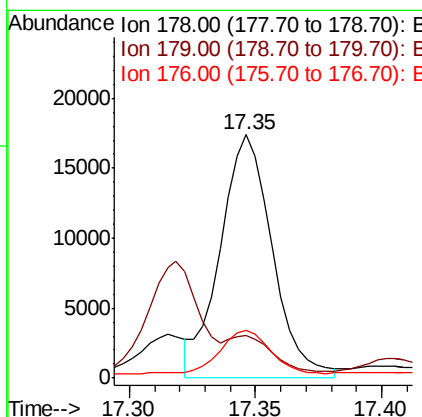
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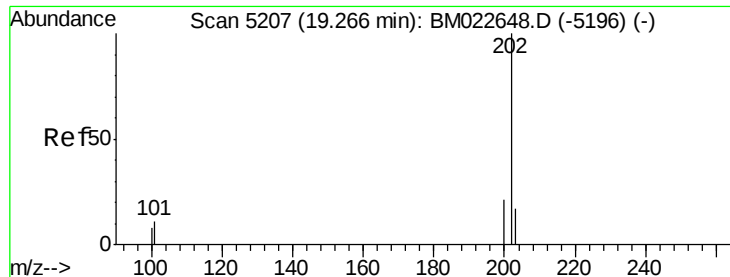
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#13
Anthracene
Concen: 0.081 ng/ul m
RT: 17.35 min Scan# 4674
Delta R.T. -0.00 min
Lab File: BM022653.D
Acq: 11 Sep 2019 12:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.5	18.7
176	19.7	14.8	22.2





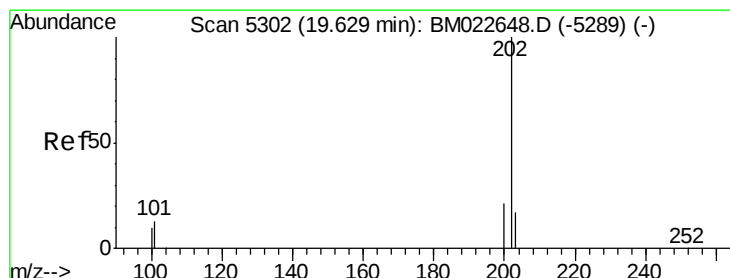
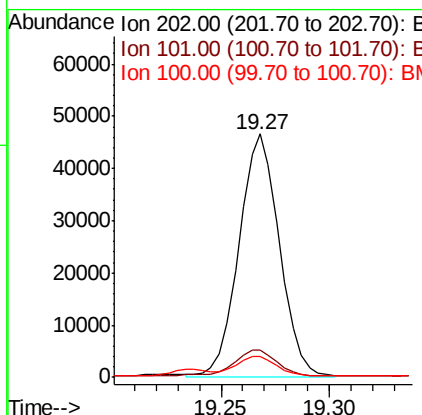
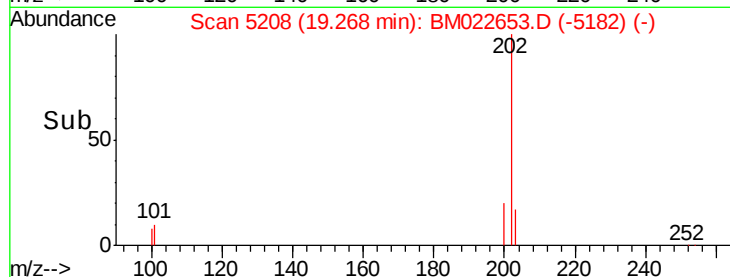
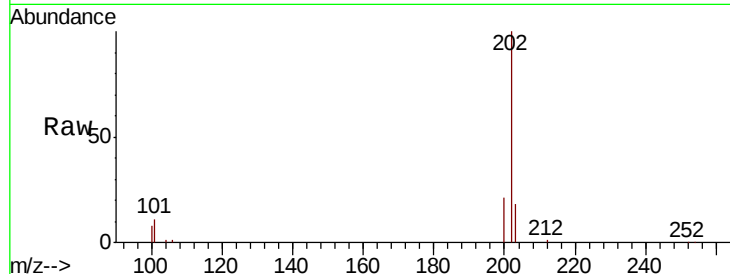
#15
Fluoranthene
Concen: 0.156 ng/ul m
RT: 19.27 min Scan# 5208
Delta R.T. -0.00 min
Lab File: BM022653.D
Acq: 11 Sep 2019 12:38

Instrument :
BNA_M
ClientSampleId :
BF571

Tot Ion:	202	Resp:	61005
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.5
100	8.5	0.0	28.0

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#17
Pyrene
Concen: 0.088 ng/ul
RT: 19.63 min Scan# 5304
Delta R.T. 0.00 min
Lab File: BM022653.D
Acq: 11 Sep 2019 12:38

Tgt Ion:	202	Resp:	38911
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.0	15.0
100	11.2	8.1	12.1

