

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022651.D
 Acq On : 11 Sep 2019 11:25
 Operator : HP/JU
 Sample : K4706-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF569

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:54:42 AM

Quant Time: Sep 11 15:05:21 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	18915	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	81260	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	47279	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	108297m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	91748m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	83553	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	37342	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	97393m	0.33	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.69	128	656323	2.835	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	98675	0.622	ng/ul	100
8) Acenaphthene	14.54	153	19735	0.108	ng/ul	98
9) Fluorene	15.52	166	14321	0.068	ng/ul	99
12) Phenanthrene	17.25	178	22847	0.066	ng/ul	98
13) Anthracene	17.34	178	8690m	0.029	ng/ul	
15) Fluoranthene	19.27	202	9552m	0.026	ng/ul	

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

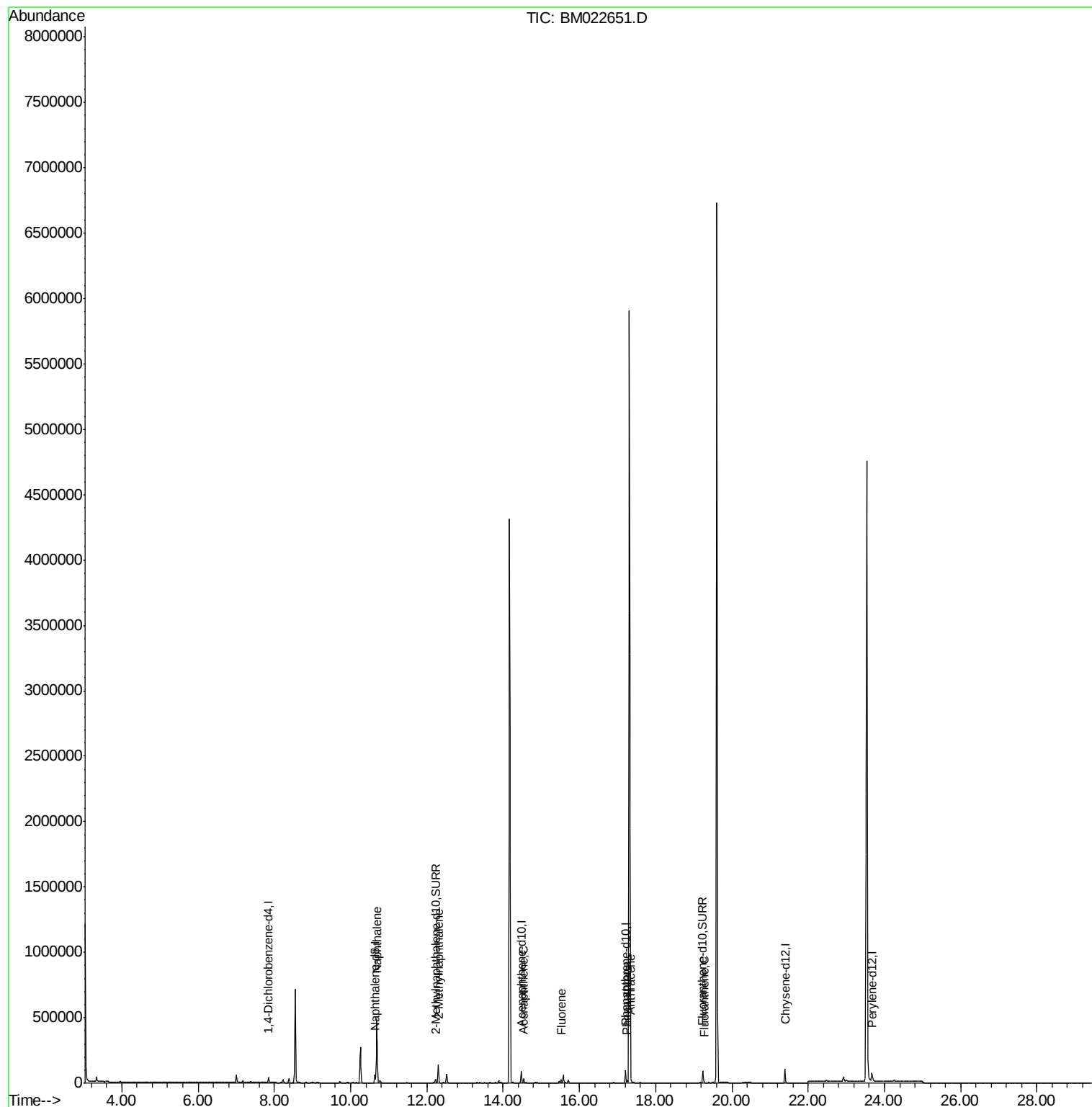
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
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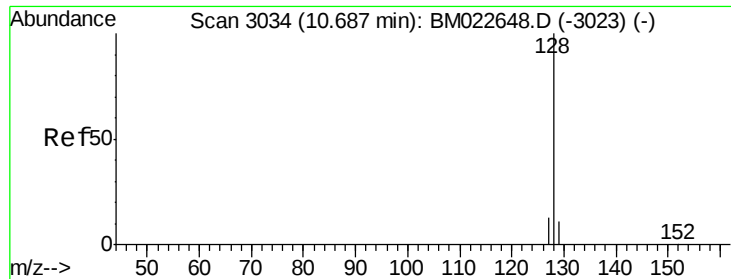
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Quant Time: Sep 11 15:05:21 2019
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#3

Naphthalene

Concen: 2.835 ng/ul

RT: 10.69 min Scan# 3034

Delta R.T. -0.00 min

Lab File: BM022651.D

Acq: 11 Sep 2019 11:25

Instrument :

BNA_M

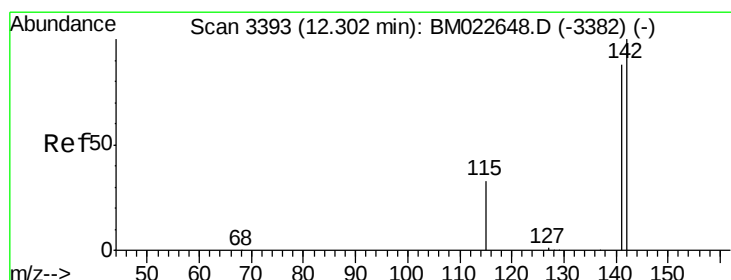
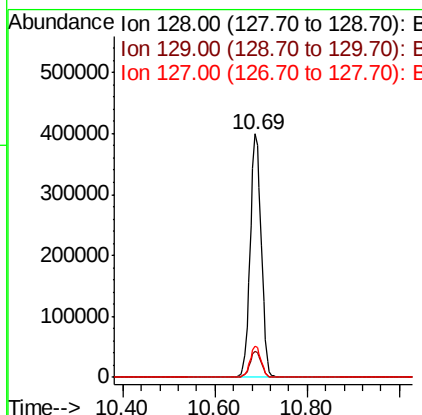
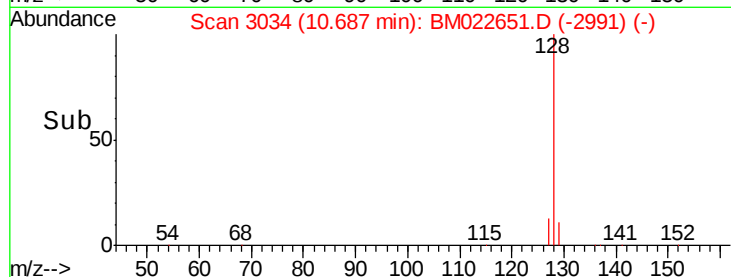
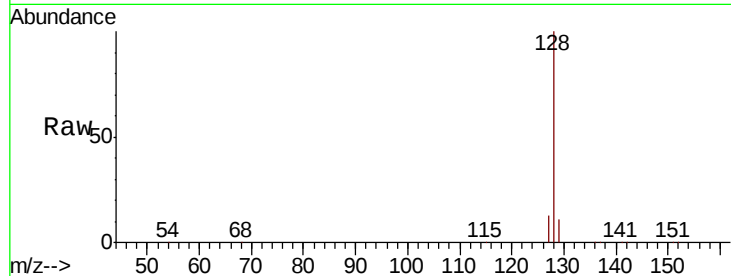
ClientSampleId :

BF569

Tot Ion:	128	Resp:	656323
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	12.8	10.4	15.6

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#5

2-Methylnaphthalene

Concen: 0.622 ng/ul

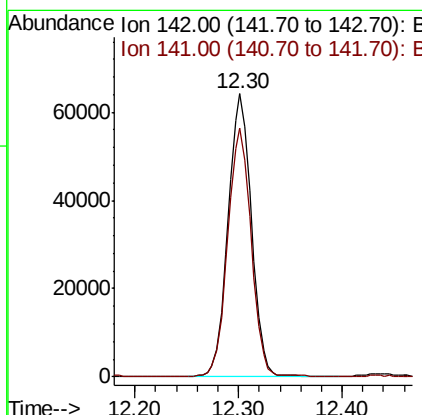
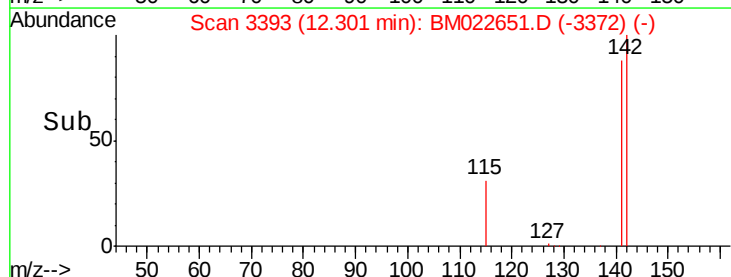
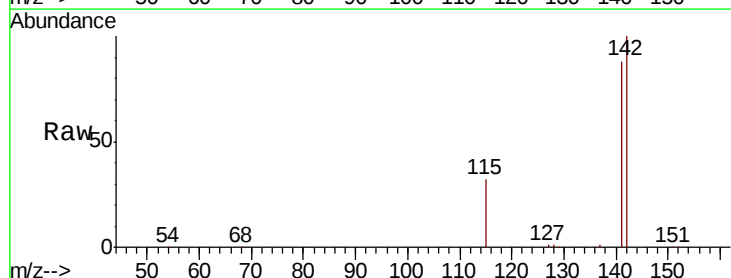
RT: 12.30 min Scan# 3393

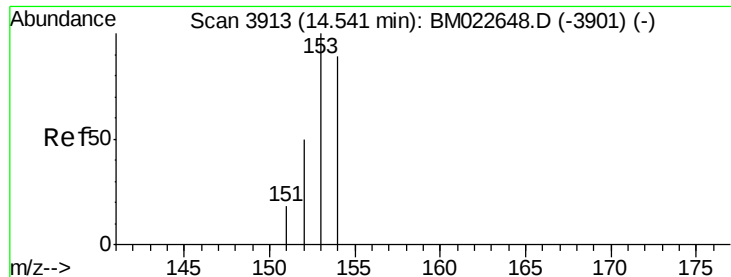
Delta R.T. -0.00 min

Lab File: BM022651.D

Acq: 11 Sep 2019 11:25

Tgt Ion:	142	Resp:	98675
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.8	106.2





#8

Acenaphthene

Concen: 0.108 ng/ul

RT: 14.54 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM022651.D

Acq: 11 Sep 2019 11:25

Instrument :

BNA_M

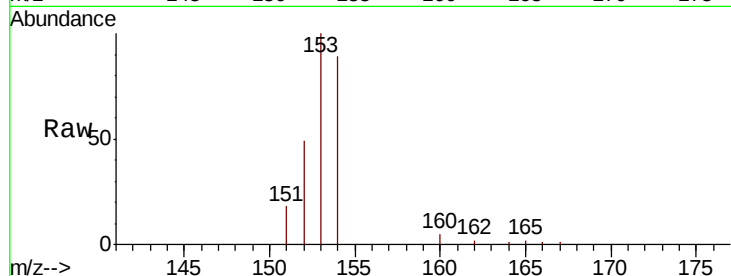
ClientSampleId :

BF569

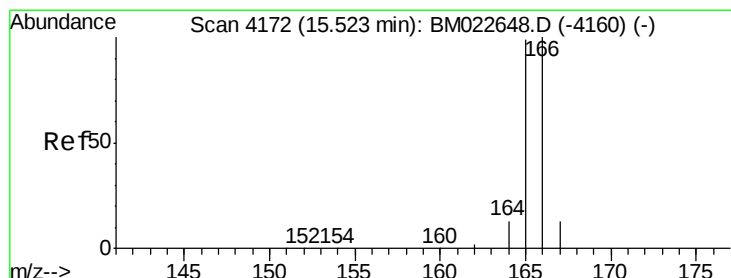
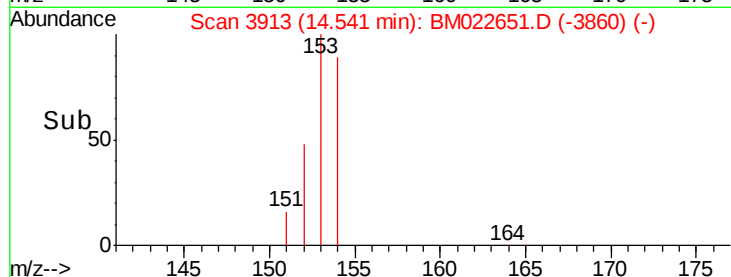
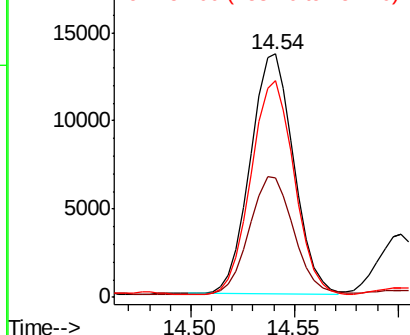
Tot Ion:	153	Resp:	19735
Ion Ratio	Lower	Upper	
153	100		
152	48.8	40.7	61.1
154	89.1	70.0	105.0

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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: 0.068 ng/ul

RT: 15.52 min Scan# 4172

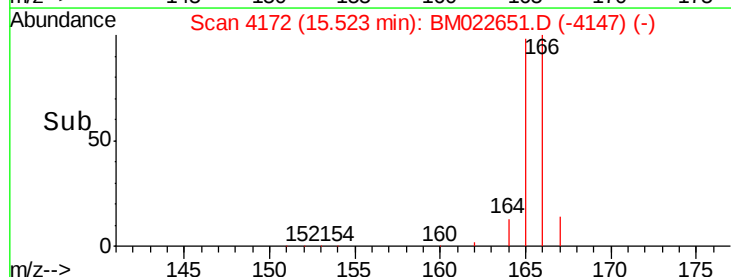
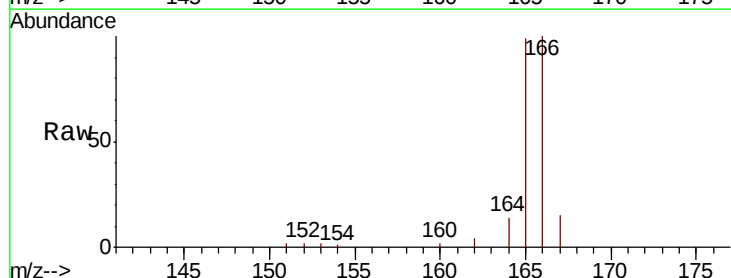
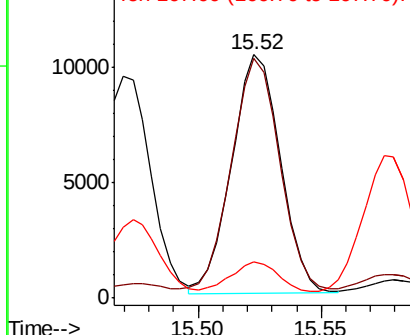
Delta R.T. -0.00 min

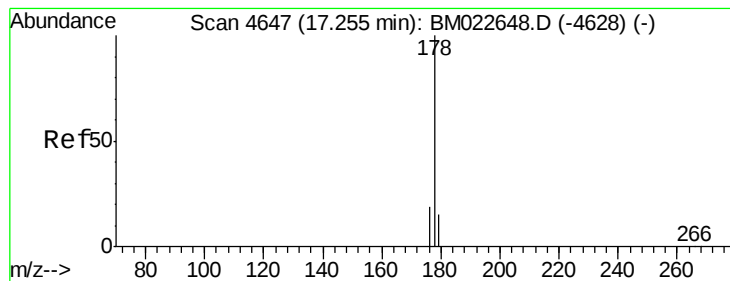
Lab File: BM022651.D

Acq: 11 Sep 2019 11:25

Tgt Ion:	166	Resp:	14321
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.2	117.2
167	14.7	10.8	16.2

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: 0.066 ng/ul

RT: 17.25 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BM022651.D

Acq: 11 Sep 2019 11:25

Instrument :

BNA_M

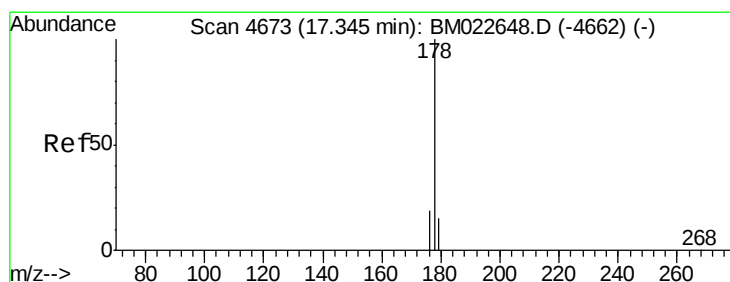
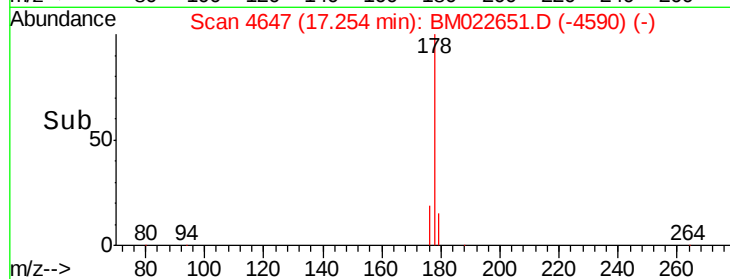
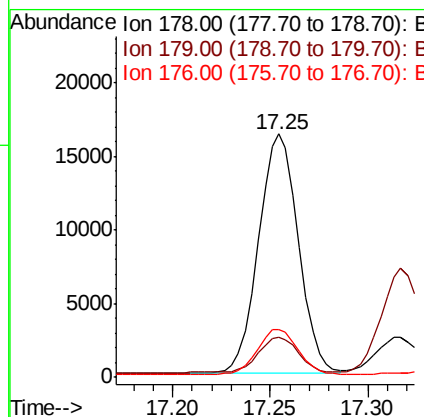
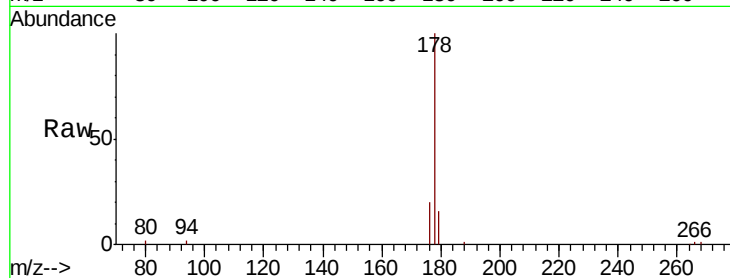
ClientSampleId :

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Tot Ion:	178	Resp:	22847
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.4	18.6
176	19.8	15.3	22.9

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#13

Anthracene

Concen: 0.029 ng/ul m

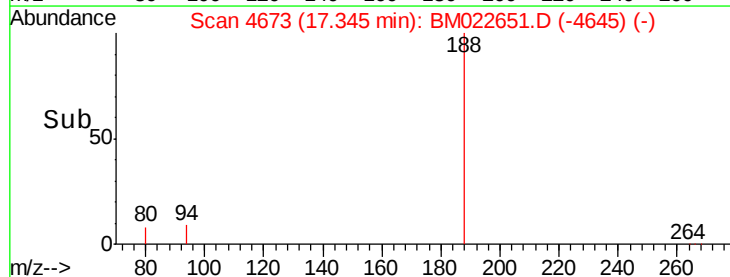
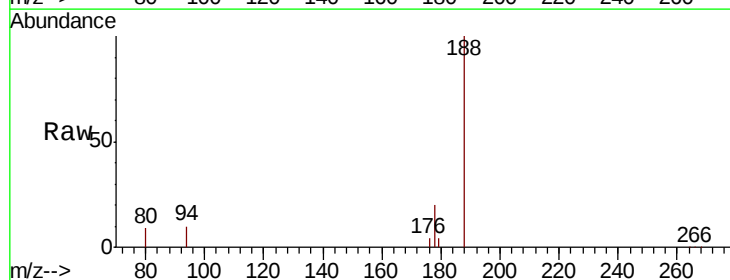
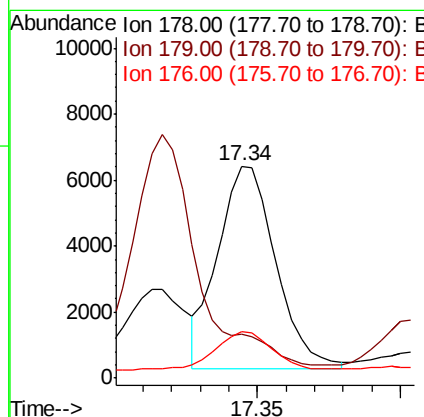
RT: 17.34 min Scan# 4673

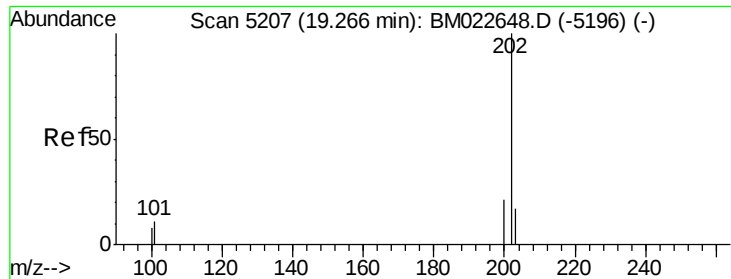
Delta R.T. -0.00 min

Lab File: BM022651.D

Acq: 11 Sep 2019 11:25

Tgt Ion:	178	Resp:	8690
Ion Ratio	Lower	Upper	
178	100		
179	20.8	12.5	18.7#
176	21.8	14.8	22.2





#15
 Fluoranthene
 Concen: 0.026 ng/ul m
 RT: 19.27 min Scan# 5207
 Delta R.T. -0.00 min
 Lab File: BM022651.D
 Acq: 11 Sep 2019 11:25

Instrument :
 BNA_M
 ClientSampleId :
 BF569

Tot Ion:	202	Resp:	9552
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	30.5
100	10.5	0.0	28.0

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