

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022168.D
 Acq On : 16 Aug 2019 06:08
 Operator : HP/JU
 Sample : K4337-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:46:32 AM

Quant Time: Aug 16 16:18:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 14:59:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	857	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3786	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	2302	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	5631m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	5560m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	7029	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2288	0.37	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	7266m	0.38	ng/ul	-0.02
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	718	0.067	ng/ul#	57
9) Fluorene	15.31	166	306	0.031	ng/ul#	80
12) Phenanthrene	17.05	178	1514m	0.092	ng/ul	
13) Anthracene	17.15	178	11612m	0.831	ng/ul	
15) Fluoranthene	19.08	202	1794m	0.082	ng/ul	
17) Pyrene	19.45	202	1402	0.061	ng/ul#	74

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

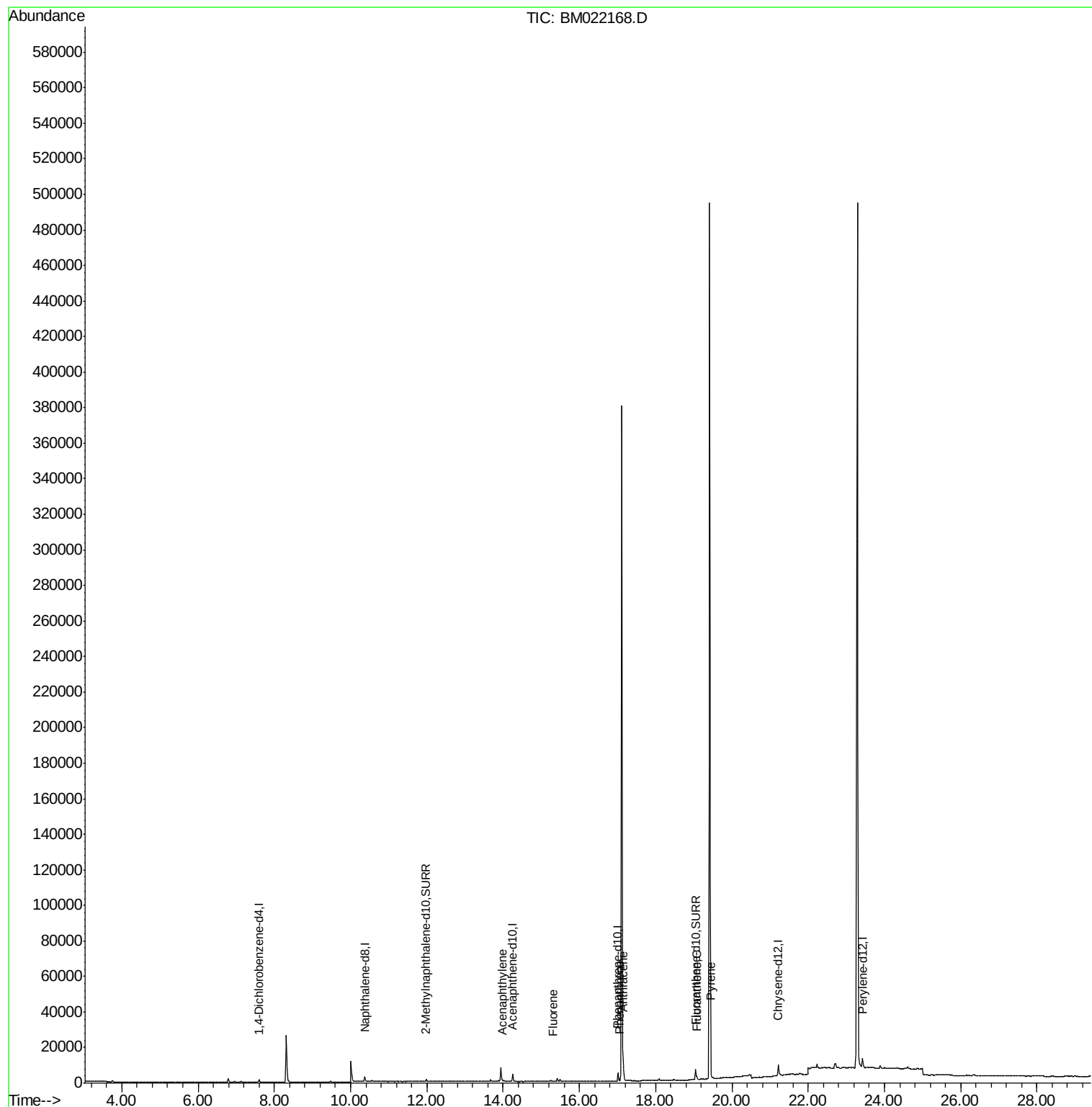
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022168.D
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ALS Vial : 23 Sample Multiplier: 1

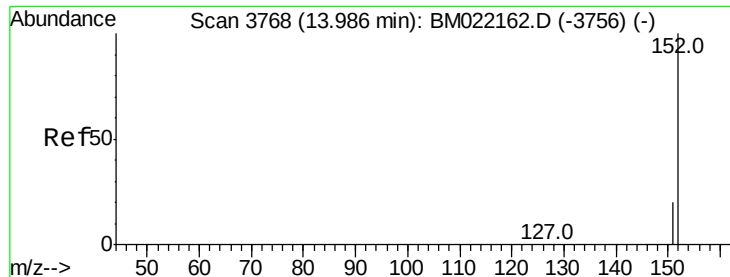
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#7

Acenaphthylene

Concen: 0.067 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BM022168.D

Acq: 16 Aug 2019 06:08

Instrument :

BNA_M

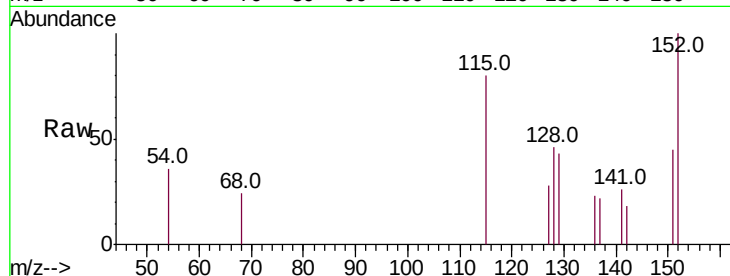
ClientSampled :

C0AE6

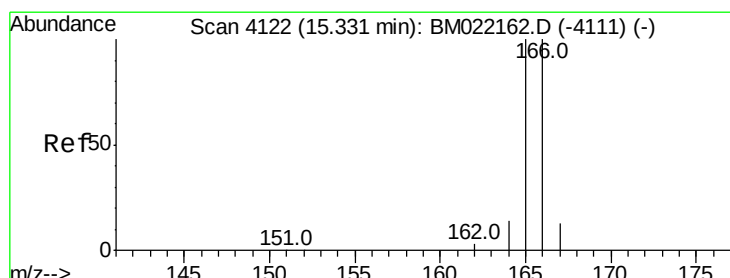
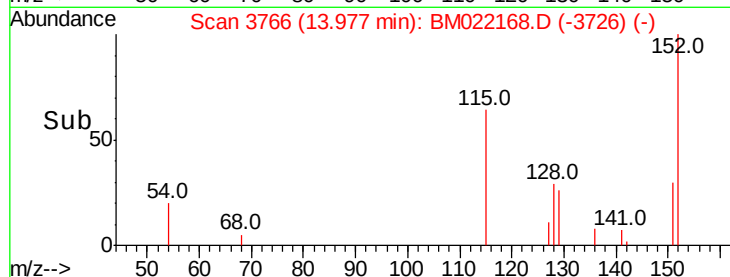
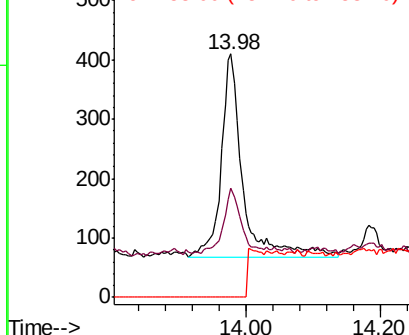
Tot Ion:	152	Resp:	718
Ion Ratio	Lower	Upper	
152	100		
151	45.1	18.3	27.5#
153	0.0	12.8	19.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.31 min Scan# 4117

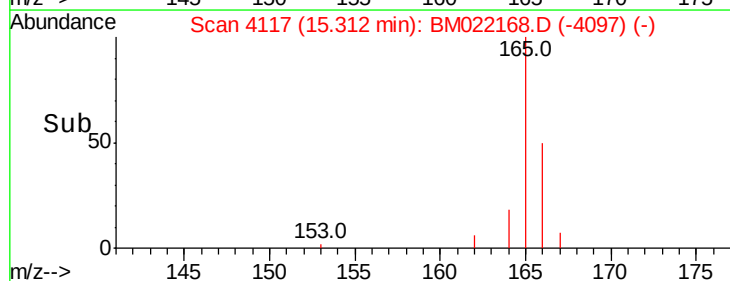
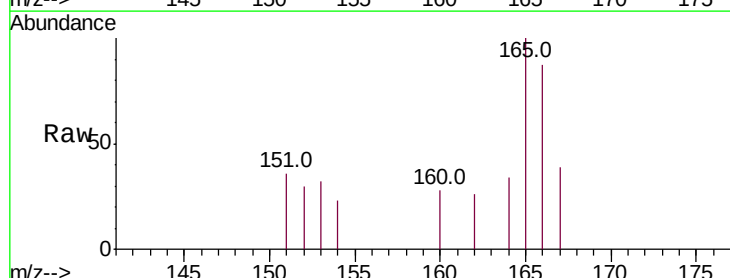
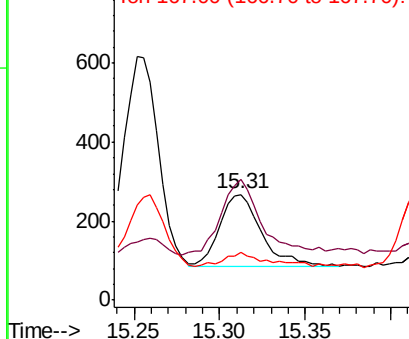
Delta R.T. -0.02 min

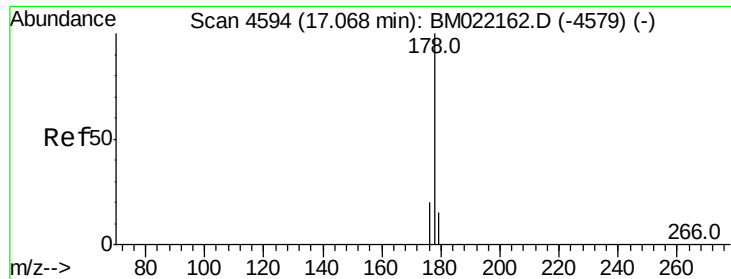
Lab File: BM022168.D

Acq: 16 Aug 2019 06:08

Tgt Ion:	166	Resp:	306
Ion Ratio	Lower	Upper	
166	100		
165	114.6	81.4	122.0
167	44.9	13.7	20.5#

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: 0.092 ng/ul m

RT: 17.05 min Scan# 4589

Delta R.T. -0.03 min

Lab File: BM022168.D

Acq: 16 Aug 2019 06:08

Instrument :

BNA_M

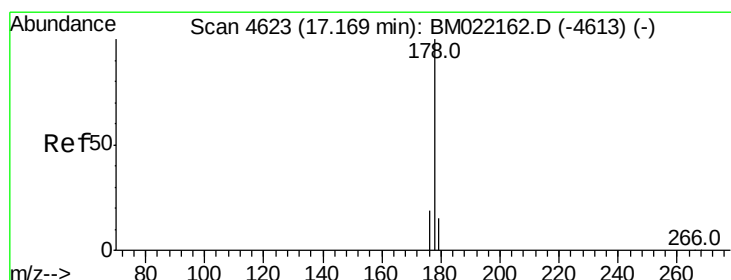
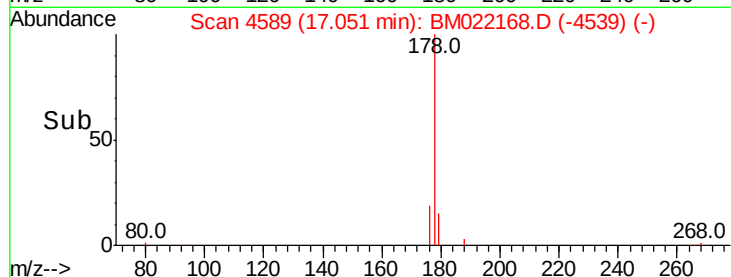
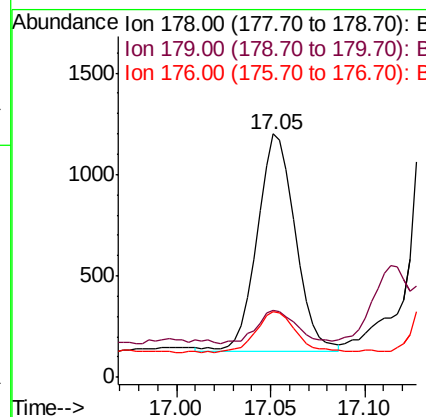
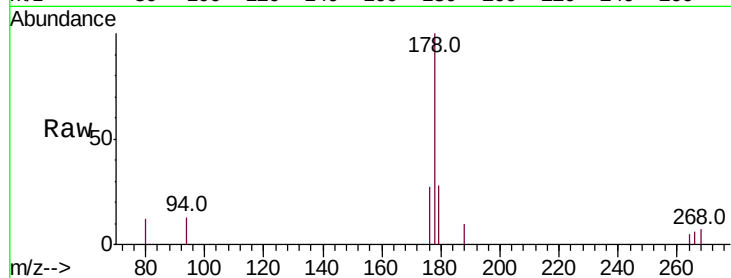
ClientSampleId :

C0AE6

Tot Ion	Ratio	Lower	Upper
178	100		
179	27.8	14.2	21.2#
176	26.9	16.8	25.2#

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#13

Anthracene

Concen: 0.831 ng/ul m

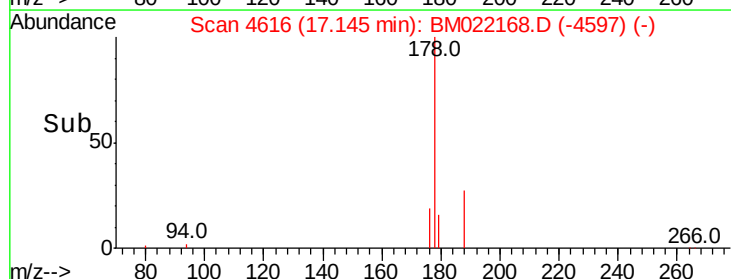
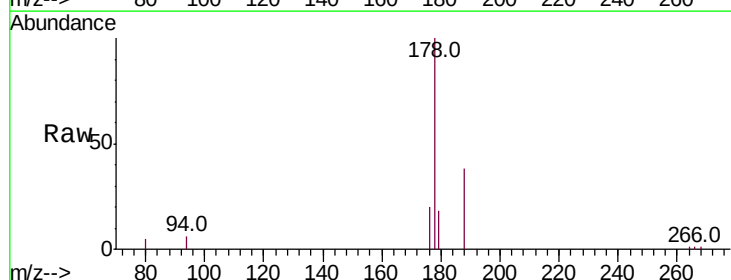
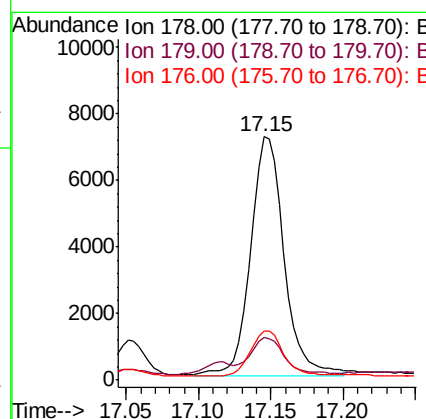
RT: 17.15 min Scan# 4616

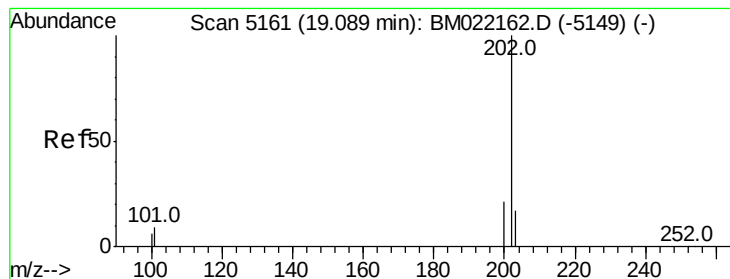
Delta R.T. -0.03 min

Lab File: BM022168.D

Acq: 16 Aug 2019 06:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	15.5	23.3
176	20.3	16.6	25.0





#15

Fluoranthene

Concen: 0.082 ng/ul m

RT: 19.08 min Scan# 5159

Delta R.T. -0.02 min

Lab File: BM022168.D

Acq: 16 Aug 2019 06:08

Instrument :

BNA_M

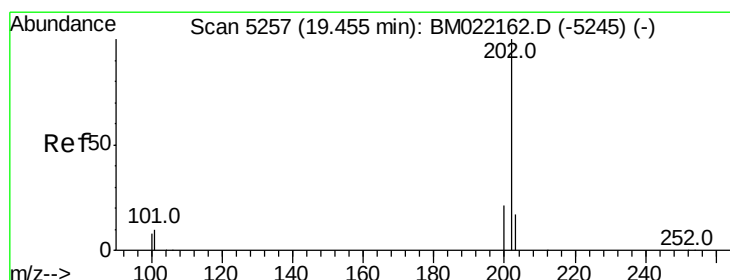
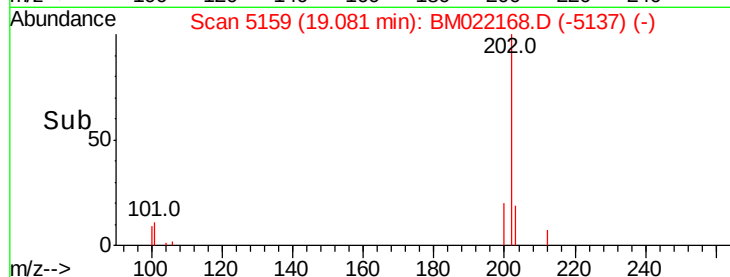
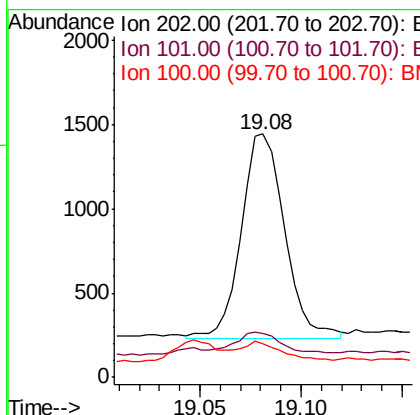
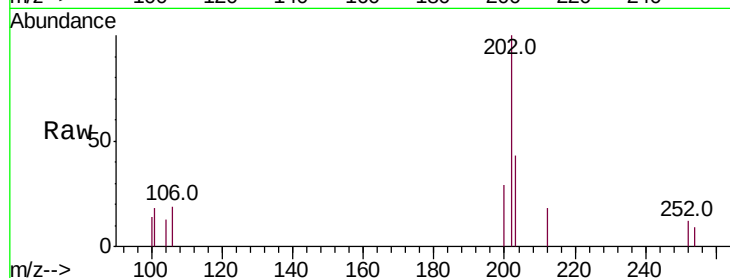
ClientSampleId :

C0AE6

Tot Ion:	202	Resp:	1794
Ion Ratio	Lower	Upper	
202	100		
101	18.2	0.0	30.2
100	13.9	0.0	28.1

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#17

Pyrene

Concen: 0.061 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.02 min

Lab File: BM022168.D

Acq: 16 Aug 2019 06:08

Tgt Ion:	202	Resp:	1402
Ion Ratio	Lower	Upper	
202	100		
101	19.9	8.3	12.5#
100	18.3	7.2	10.8#

