Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM

Quant Time: Oct 13 05:25:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1547	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.39	136	6532	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4007	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8647m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5628m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4254m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4252	0.42	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	10545m	0.43	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1599	0.095	ng/ul#	89
5) 2-Methylnaphthalene	12.07	142	2360	0.205	ng/ul	97
8) Acenaphthene	14.32	153	365	0.026	ng/ul#	90
9) Fluorene	15.31	166	1957	0.123	ng/ul#	97
12) Phenanthrene	17.05	178	2397m	0.099	ng/ul	
13) Anthracene	17.15	178	963m	0.042	ng/ul	
15) Fluoranthene	19.09	202	1027m	0.036	ng/ul	
17) Pyrene	19.44	202	1336	0.061	ng/ul#	79

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

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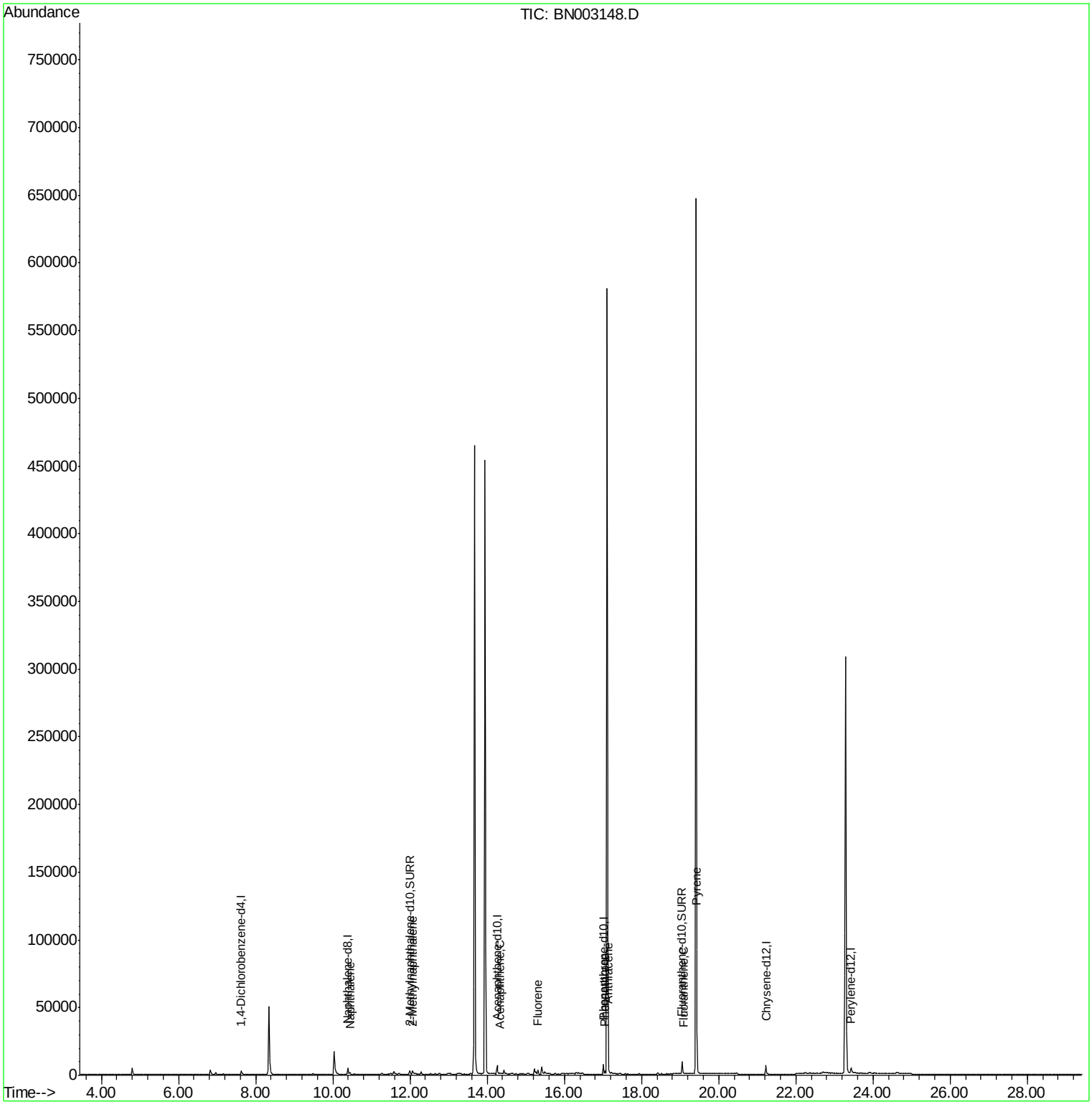

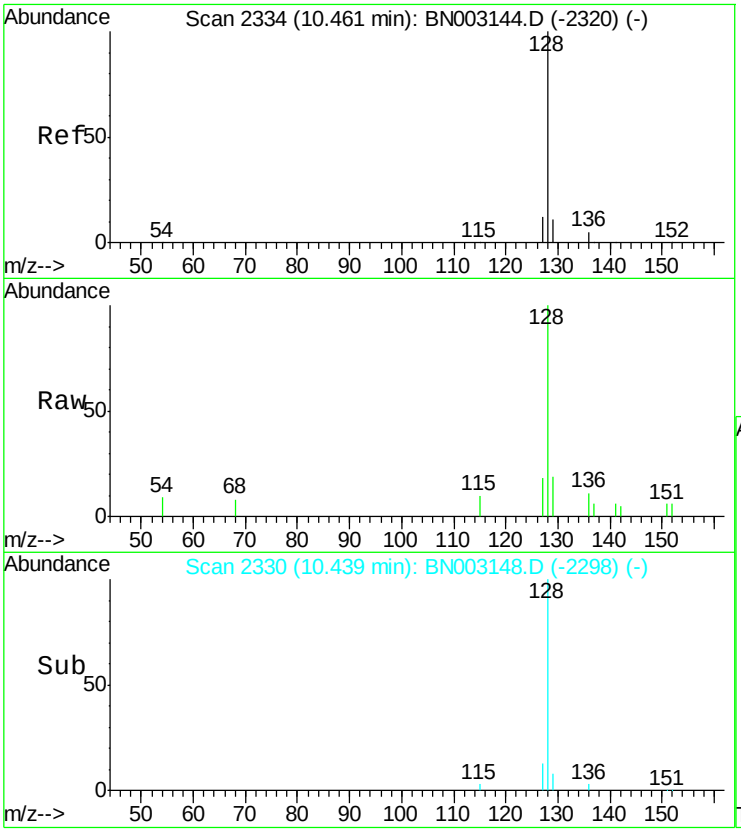

#3
Naphthalene
Concen: 0.095 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003148.D
Acq: 12 Oct 2018 20:25

Tgt Ion:128 Resp: 1599

Ion	Ratio	Lower	Upper
128	100		
129	18.7	10.4	15.6#
127	17.8	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
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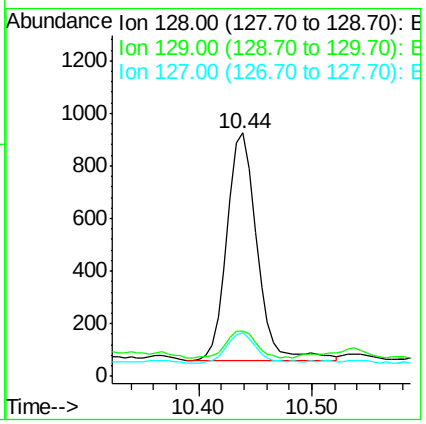
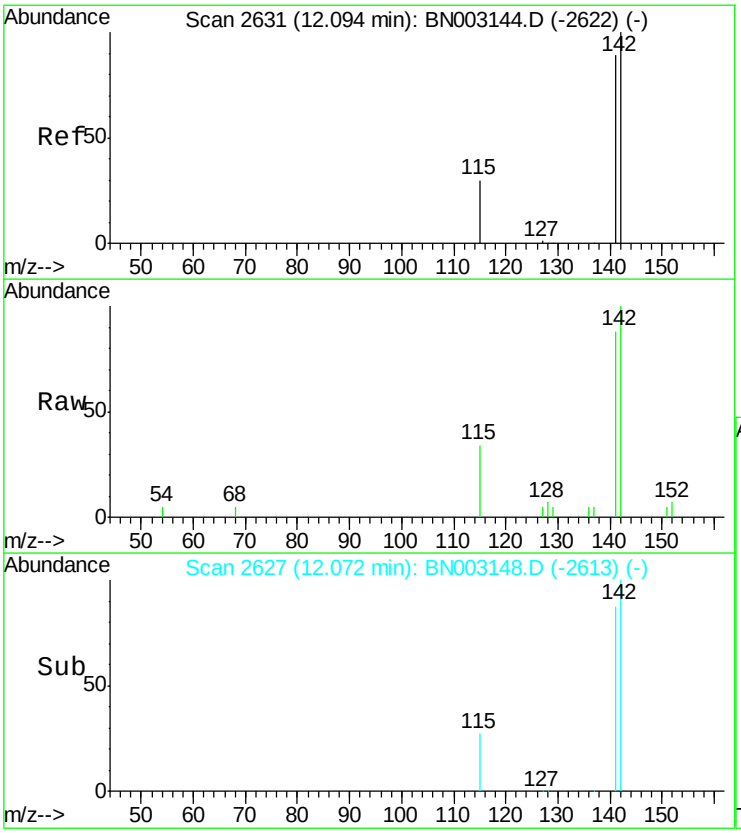
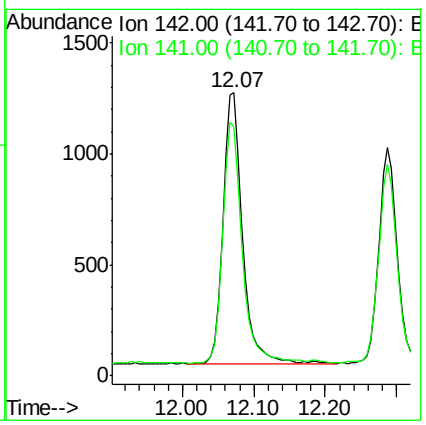


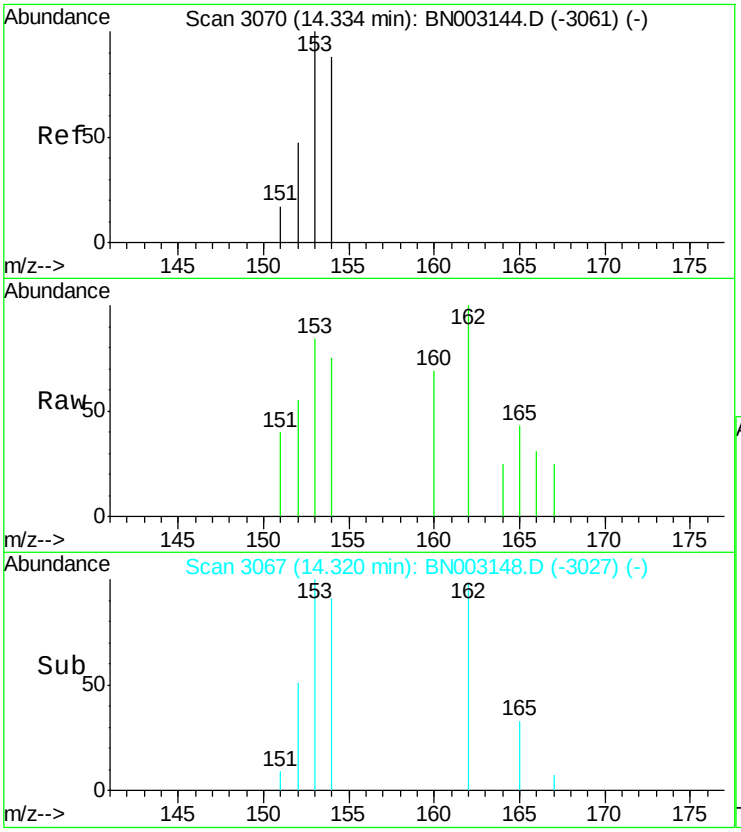


#5
2-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.07 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN003148.D
Acq: 12 Oct 2018 20:25

Tgt Ion:142 Resp: 2360

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.4	110.0

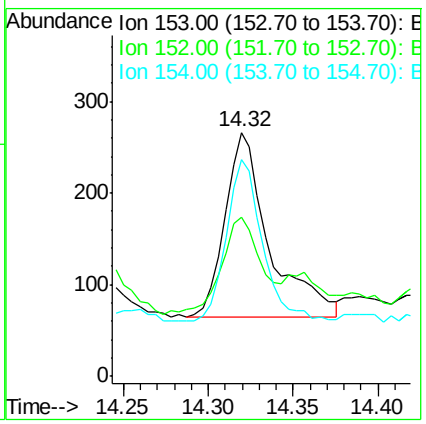




#8
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN003148.D
Acq: 12 Oct 2018 20:25

Tgt Ion:153 Resp: 365

Ion	Ratio	Lower	Upper
153	100		
152	65.0	38.2	57.4#
154	89.1	70.2	105.2



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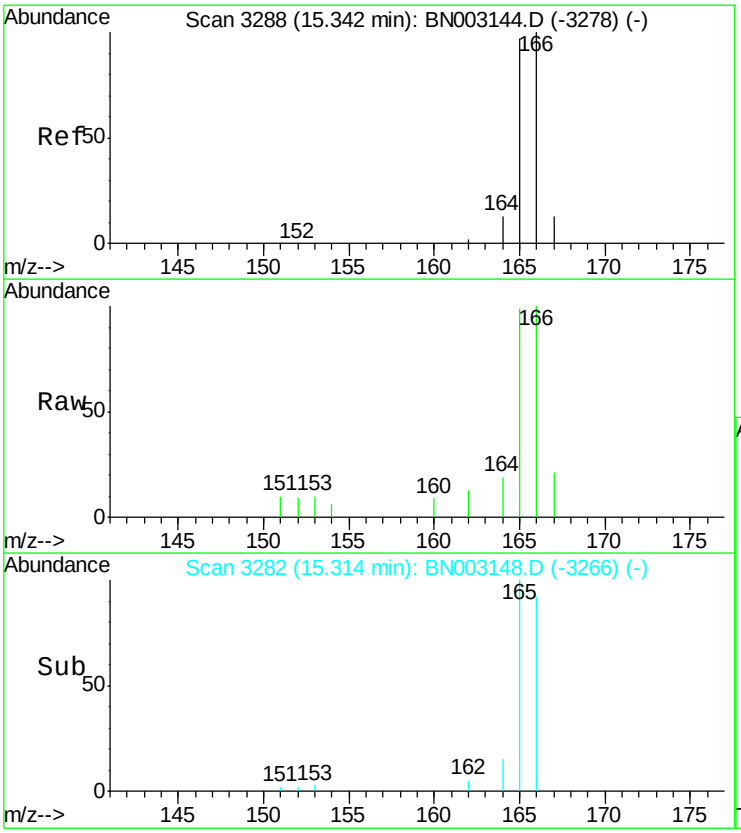
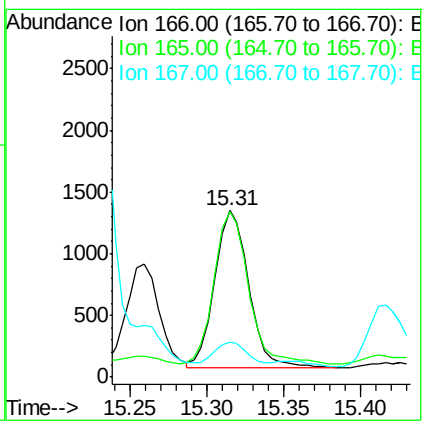
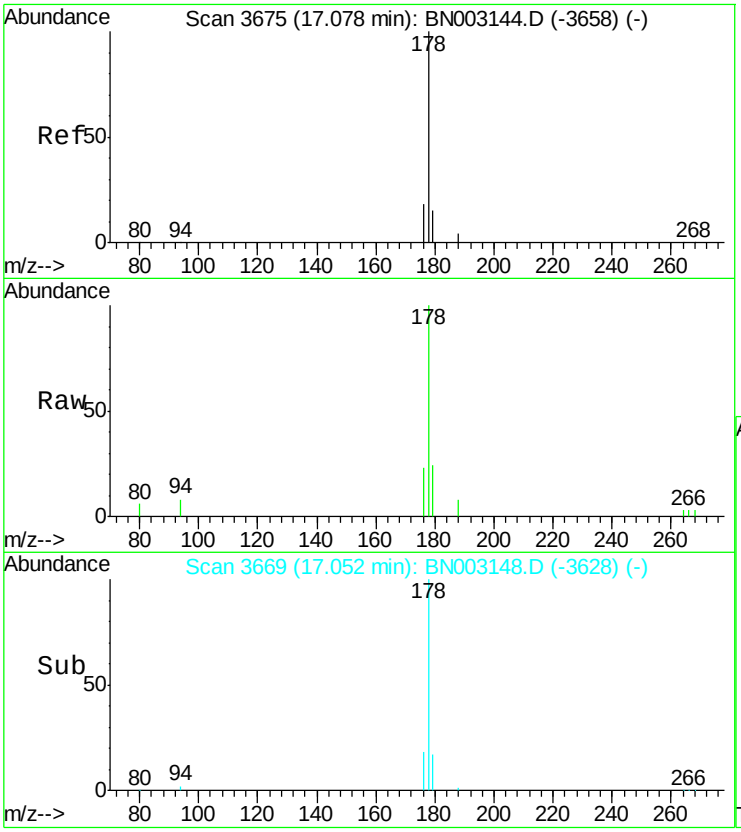


#9
Fluorene
Concen: 0.123 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.03 min
Lab File: BN003148.D
Acq: 12 Oct 2018 20:25

Tgt Ion:166 Resp: 1957

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.5	117.7
167	21.2	11.6	17.4#





#12
Phenanthrene
Concen: 0.099 ng/ul m
RT: 17.05 min Scan# 3669
Delta R.T. -0.03 min
Lab File: BN003148.D
Acq: 12 Oct 2018 20:25

Tgt Ion:178 Resp: 2397

Ion	Ratio	Lower	Upper
178	100		
179	23.9	12.9	19.3#
176	23.3	15.4	23.2#

Instrument :
BNA_N
ClientSampleId :
C0AK6

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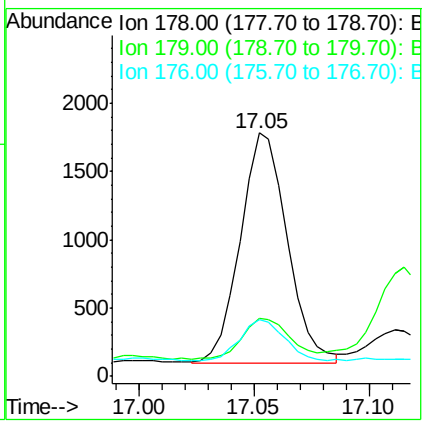
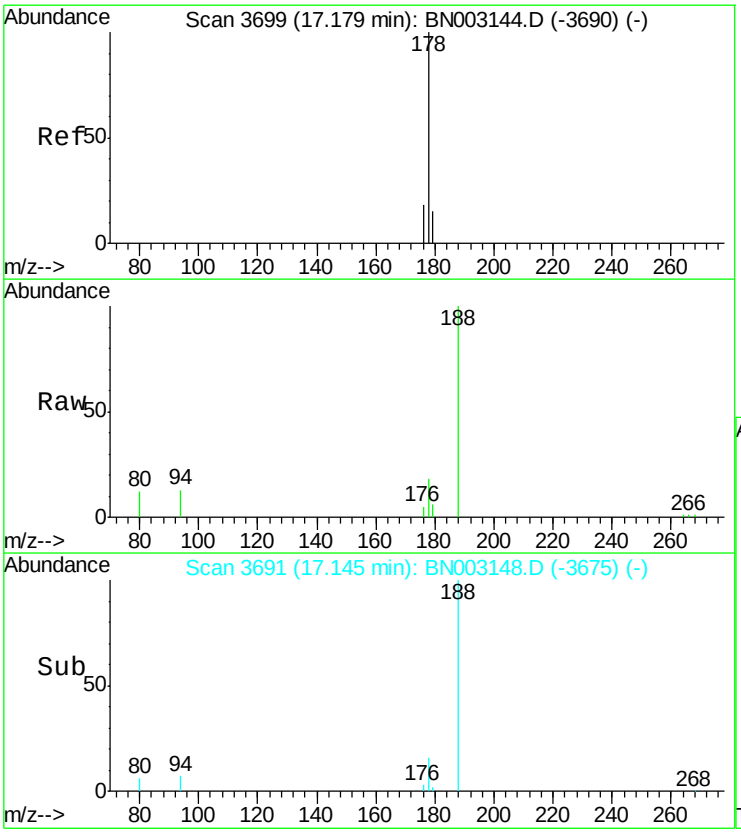
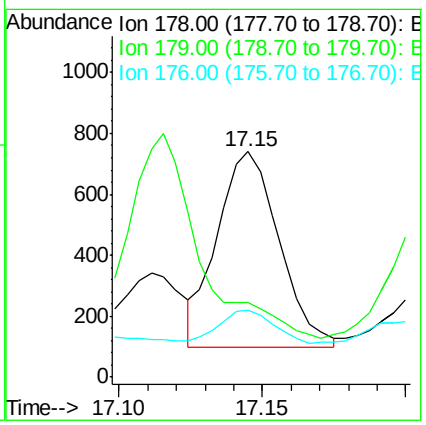


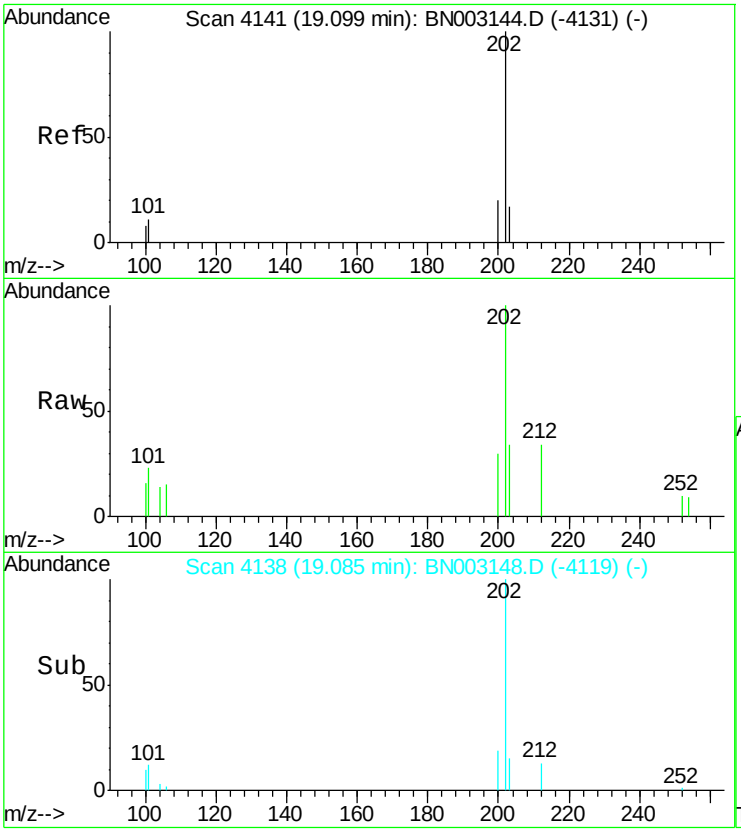


#13
Anthracene
Concen: 0.042 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003148.D
Acq: 12 Oct 2018 20:25

Tgt Ion:178 Resp: 963

Ion	Ratio	Lower	Upper
178	100		
179	33.1	13.0	19.6#
176	29.5	15.3	22.9#

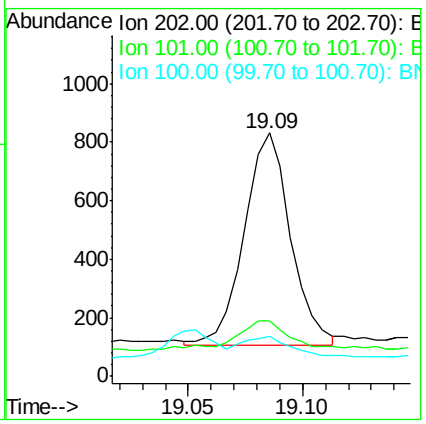




#15
Fluoranthene
Concen: 0.036 ng/ul m
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003148.D
Acq: 12 Oct 2018 20:25

Tgt Ion:202 Resp: 1027

Ion	Ratio	Lower	Upper
202	100		
101	23.0	0.0	32.3
100	16.5	0.0	29.1



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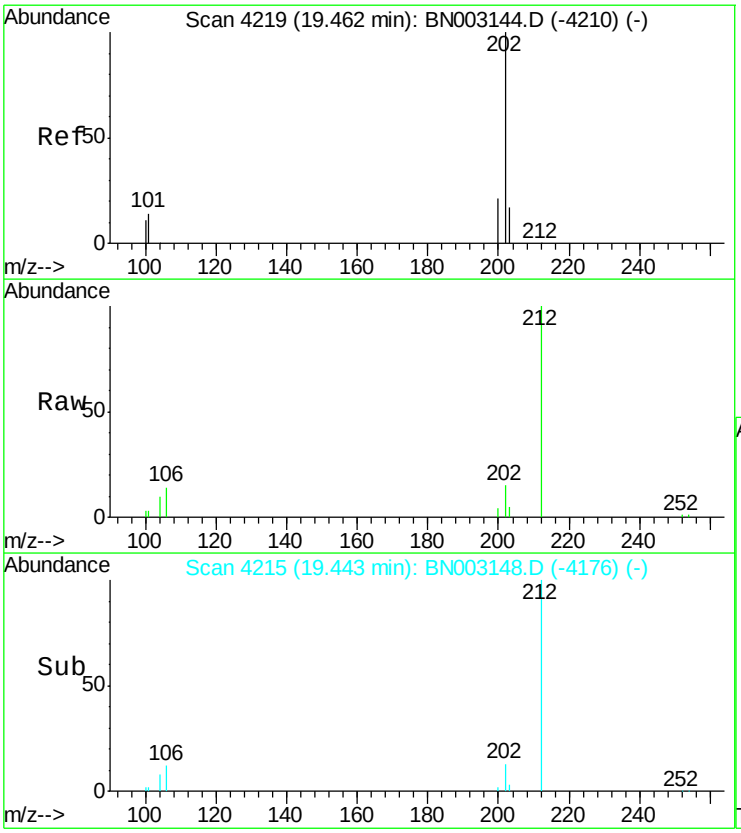

#17
Pyrene
Concen: 0.061 ng/ul
RT: 19.44 min Scan# 4215
Delta R.T. -0.02 min
Lab File: BN003148.D
Acq: 12 Oct 2018 20:25

Tgt Ion:202 Resp: 1336

Ion	Ratio	Lower	Upper
202	100		
101	22.2	11.9	17.9#
100	21.9	9.9	14.9#