Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003952.D
Acq On : 15 Dec 2018 10:59
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y14

Manual Integrations APPROVED
Sohil
12/17/2018 4:23:44 PM

Quant Time: Dec 15 22:23:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:58:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2449	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	14720	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	8669m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	19097m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	22374m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	23413m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3358m	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	14683m	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	273275	6.609	ng/ul#	89
5) 2-Methylnaphthalene	12.29	142	847559	29.356	ng/ul	99
7) Acenaphthylene	14.19	152	16220	0.416	ng/ul#	1
8) Acenaphthene	14.55	153	20657	0.604	ng/ul#	45
9) Fluorene	15.52	166	38338	0.961	ng/ul#	84
12) Phenanthrene	17.26	178	146891m	2.344	ng/ul	
13) Anthracene	17.40	178	21484m	0.417	ng/ul	
15) Fluoranthene	19.27	202	6562m	0.089	ng/ul	
17) Pyrene	19.64	202	14574m	0.182	ng/ul	
19) Chrysene	21.43	228	9236m	0.114	ng/ul	

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

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Manual Integrations APPROVED
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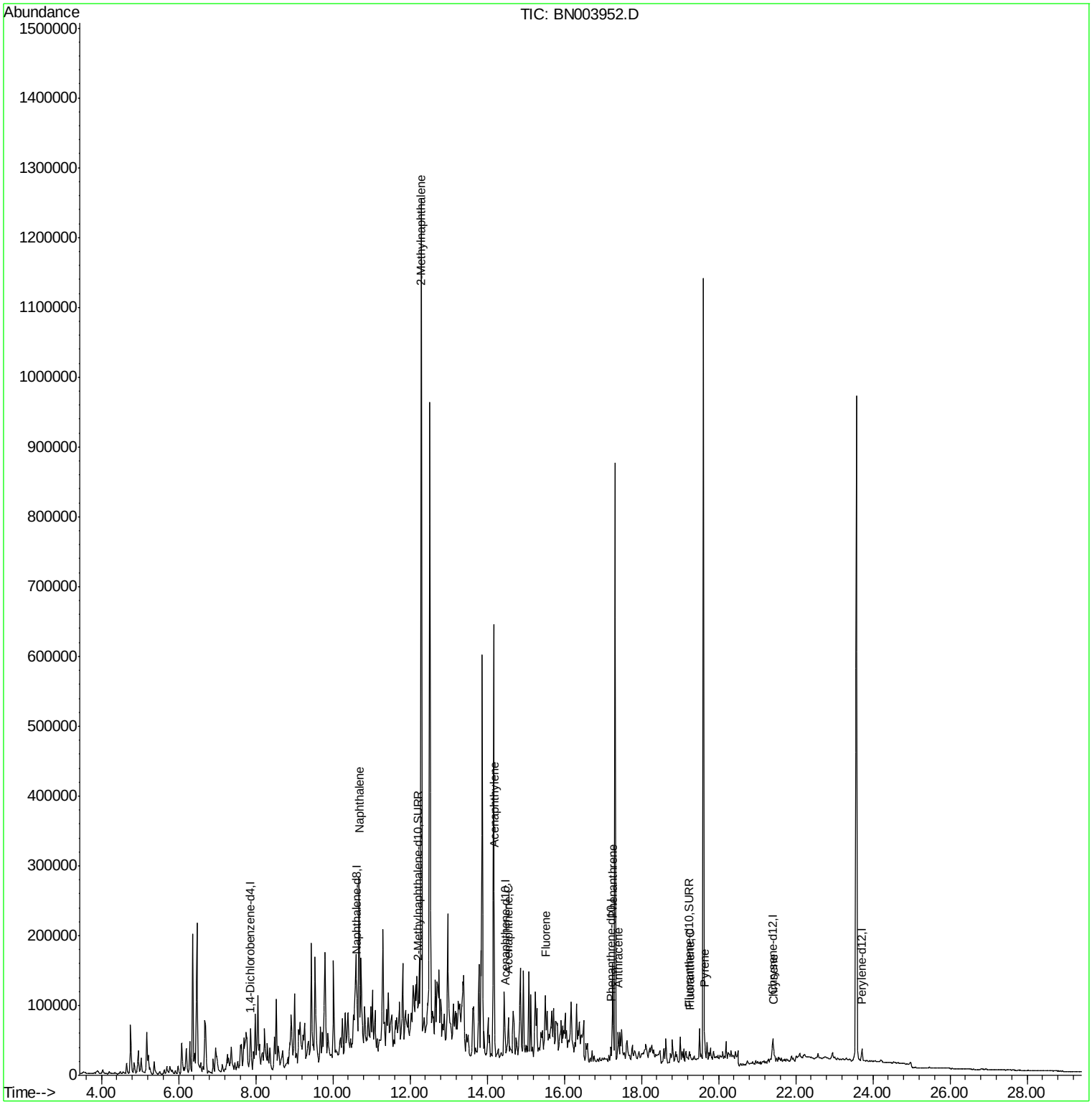

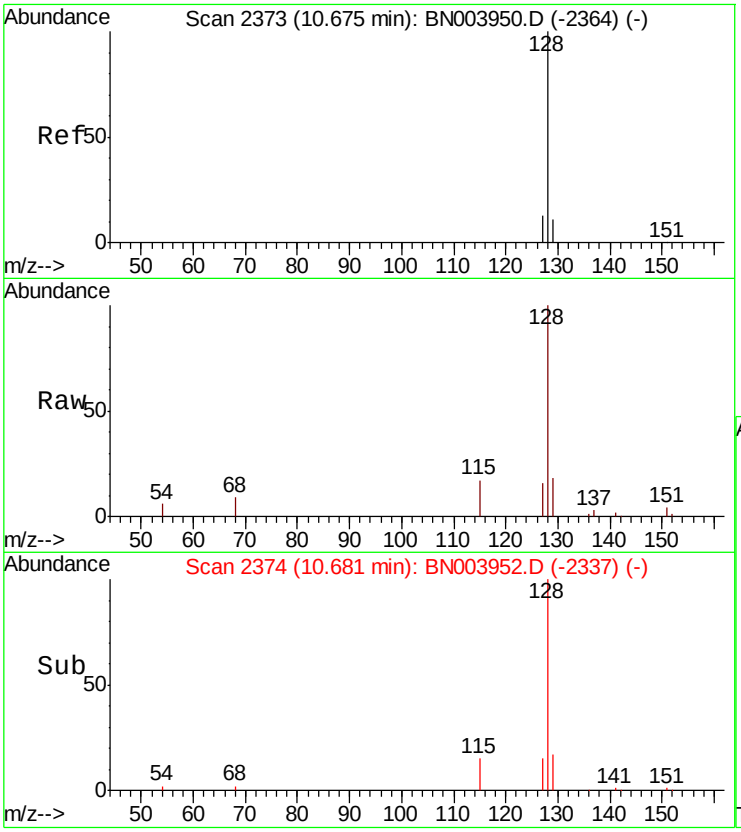

#3
Naphthalene
Concen: 6.609 ng/ul
RT: 10.68 min Scan# 2374
Delta R.T. 0.01 min
Lab File: BN003952.D
Acq: 15 Dec 2018 10:59

Tgt Ion:128 Resp: 273275

Ion	Ratio	Lower	Upper
128	100		
129	17.7	9.0	13.6#
127	15.5	10.5	15.7

Instrument :
BNA_N
ClientSampleId :
F9Y14

Manual Integrations APPROVED
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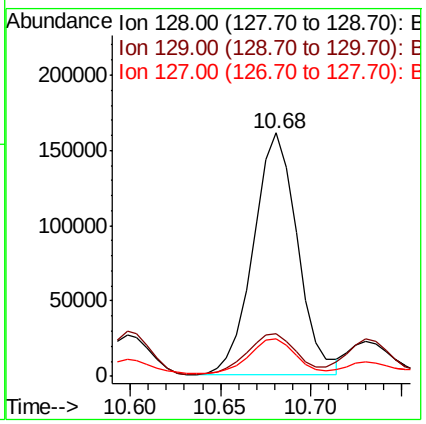
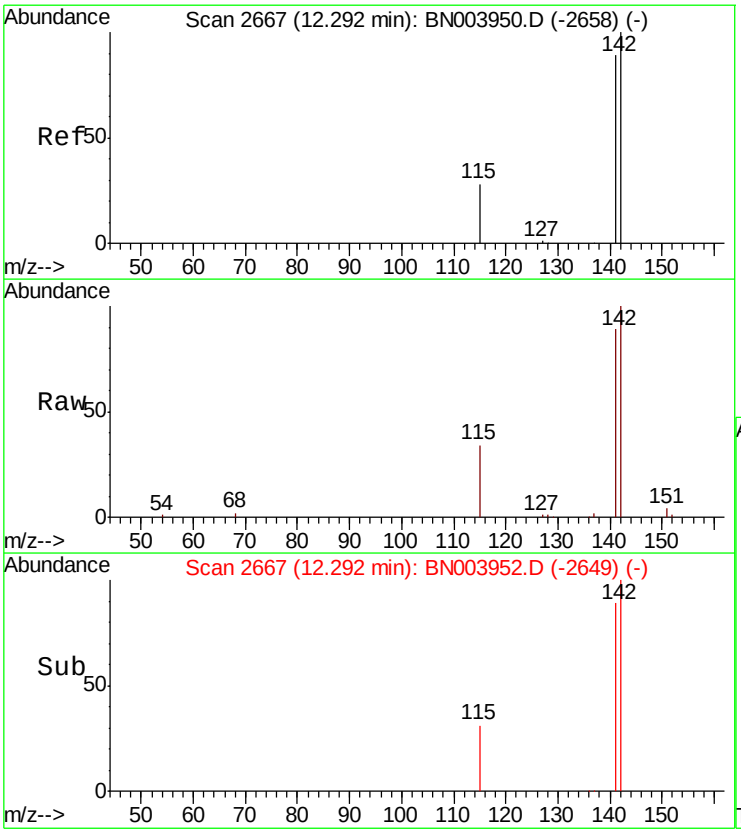
12/17/2018 4:23:44 PM

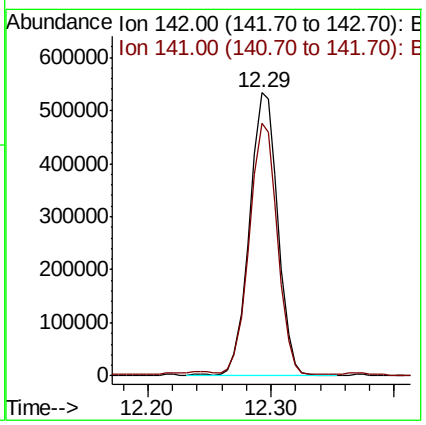


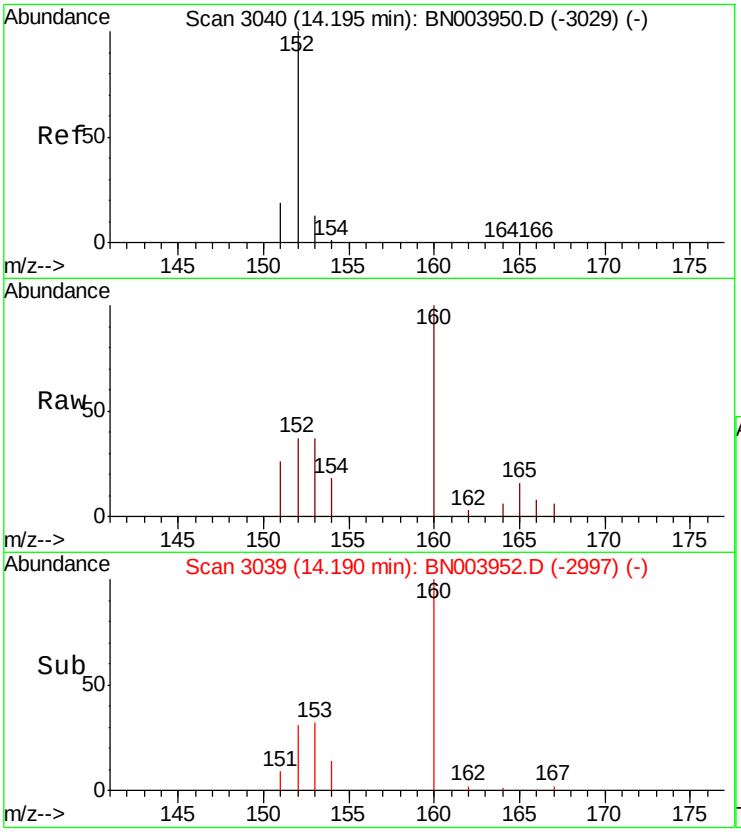


#5
2-Methylnaphthalene
Concen: 29.356 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BN003952.D
Acq: 15 Dec 2018 10:59

Tgt Ion:142 Resp: 847559

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.5	107.3





#7
Acenaphthylene
Concen: 0.416 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BN003952.D
Acq: 15 Dec 2018 10:59

Tgt Ion:152 Resp: 16220

Ion	Ratio	Lower	Upper
152	100		
151	68.1	15.9	23.9#
153	99.7	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
F9Y14

Manual Integrations APPROVED
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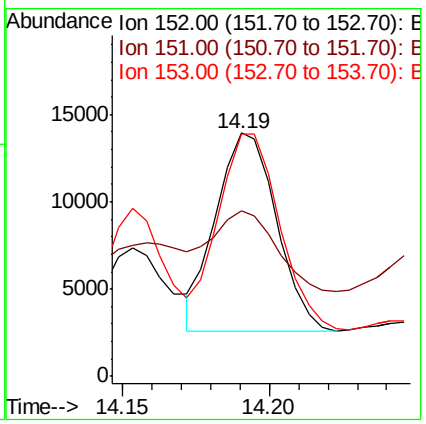
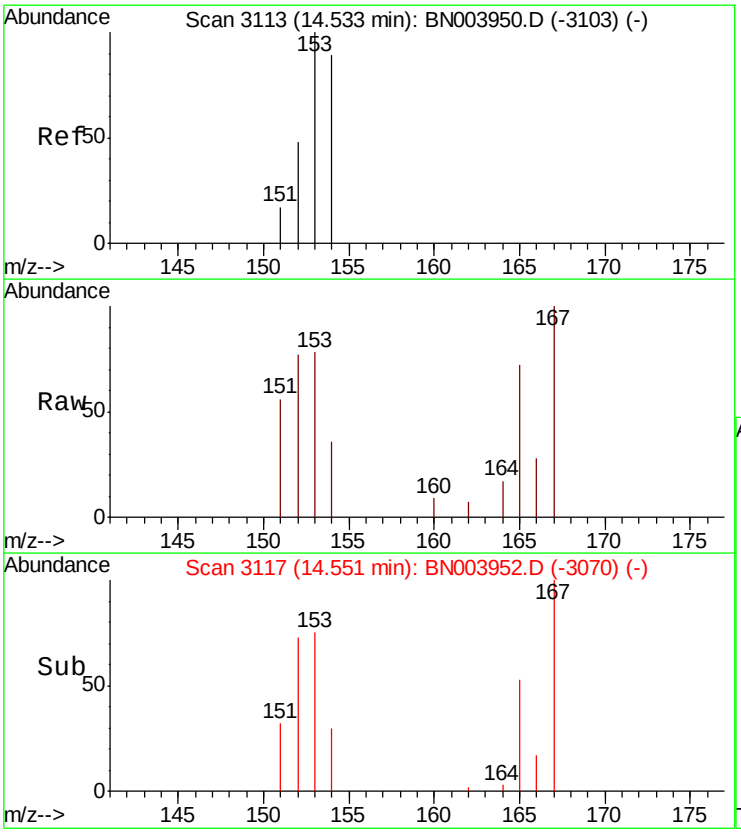
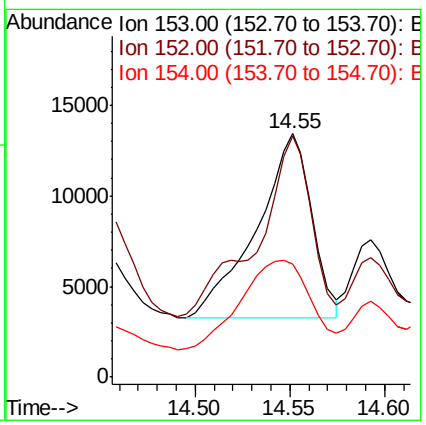


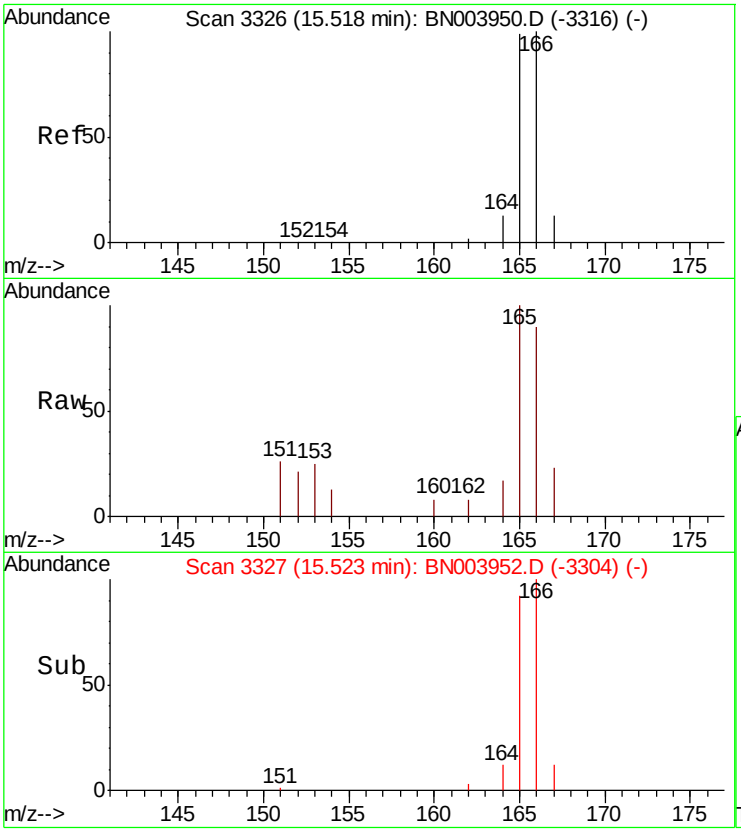


#8
Acenaphthene
Concen: 0.604 ng/ul
RT: 14.55 min Scan# 3117
Delta R.T. 0.02 min
Lab File: BN003952.D
Acq: 15 Dec 2018 10:59

Tgt Ion:153 Resp: 20657

Ion	Ratio	Lower	Upper
153	100		
152	99.2	39.3	58.9#
154	46.7	70.3	105.5#





#9
Fluorene
Concen: 0.961 ng/ul
RT: 15.52 min Scan# 3327
Delta R.T. 0.00 min
Lab File: BN003952.D
Acq: 15 Dec 2018 10:59

Tgt Ion:166 Resp: 38338

Ion	Ratio	Lower	Upper
166	100		
165	111.5	78.3	117.5
167	25.9	11.3	16.9#

Instrument :
BNA_N
ClientSampleId :
F9Y14

Manual Integrations APPROVED
Sohil
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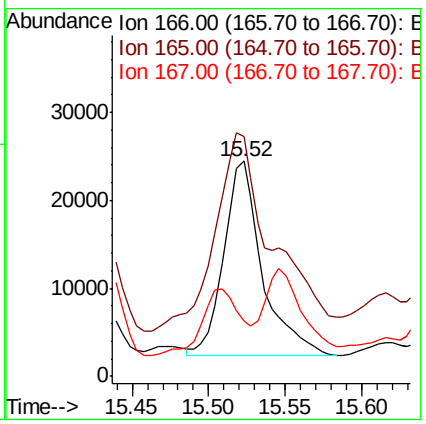
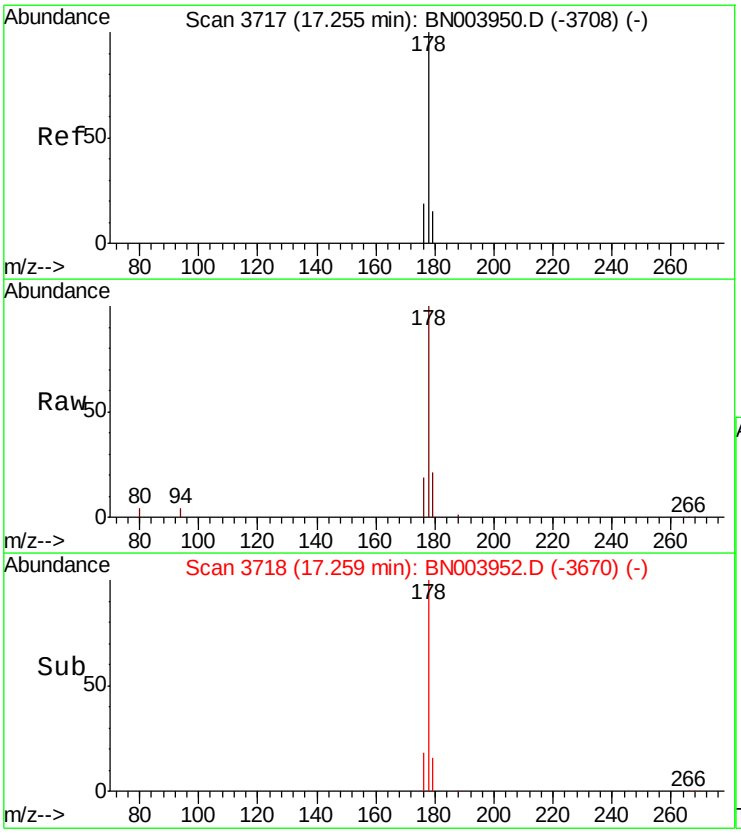
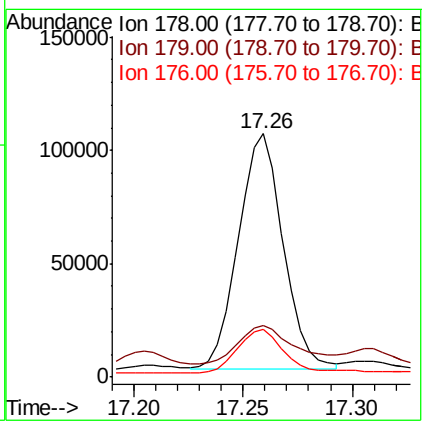


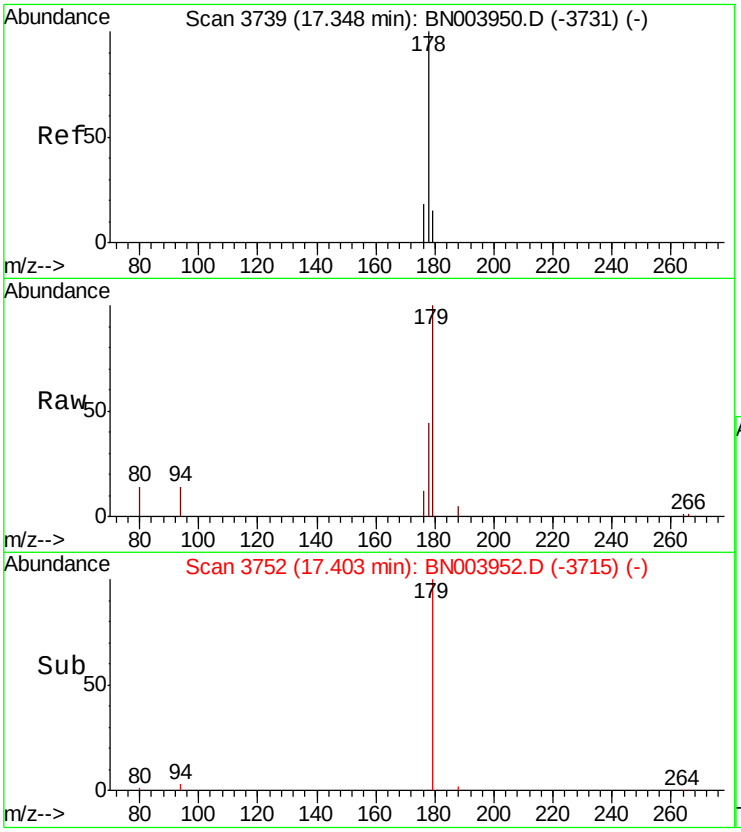


#12
Phenanthrene
Concen: 2.344 ng/ul m
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN003952.D
Acq: 15 Dec 2018 10:59

Tgt Ion:178 Resp: 146891

Ion	Ratio	Lower	Upper
178	100		
179	21.2	12.5	18.7#
176	19.5	15.0	22.4





#13
Anthracene
Concen: 0.417 ng/ul m
RT: 17.40 min Scan# 3752
Delta R.T. 0.05 min
Lab File: BN003952.D
Acq: 15 Dec 2018 10:59

Tgt Ion:178 Resp: 21484

Ion	Ratio	Lower	Upper
178	100		
179	226.4	12.3	18.5#
176	26.8	14.8	22.2#

Instrument :
BNA_N
ClientSampleId :
F9Y14

Manual Integrations APPROVED
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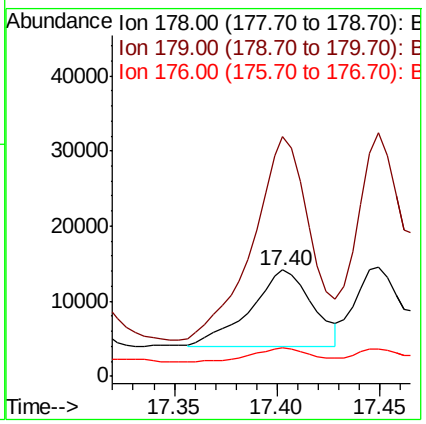
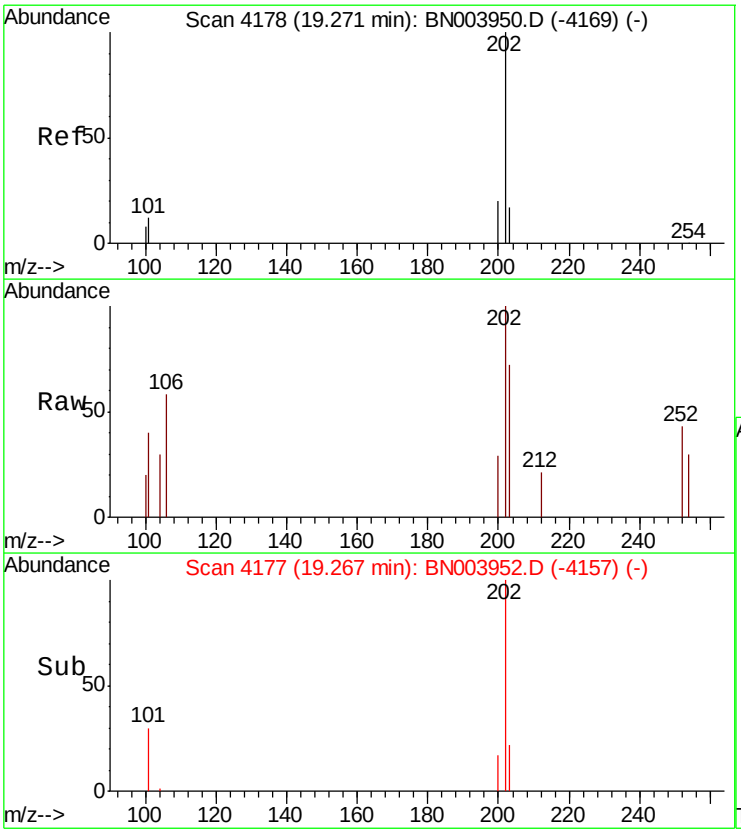
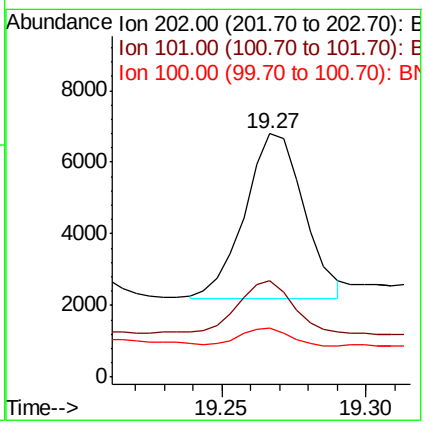


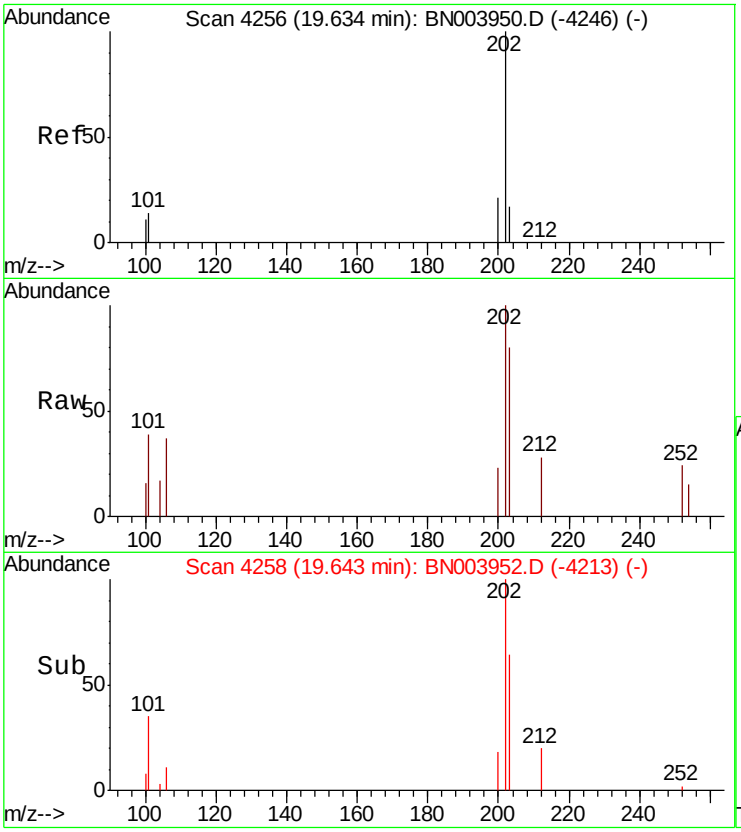


#15
Fluoranthene
Concen: 0.089 ng/ul m
RT: 19.27 min Scan# 4177
Delta R.T. -0.00 min
Lab File: BN003952.D
Acq: 15 Dec 2018 10:59

Tgt Ion:202 Resp: 6562

Ion	Ratio	Lower	Upper
202	100		
101	39.5	0.0	30.7#
100	20.4	0.0	28.1





#17
Pyrene
Concen: 0.182 ng/ul m
RT: 19.64 min Scan# 4258
Delta R.T. 0.01 min
Lab File: BN003952.D
Acq: 15 Dec 2018 10:59

Tgt Ion:202 Resp: 14574

Ion	Ratio	Lower	Upper
202	100		
101	39.2	10.3	15.5#
100	15.7	8.5	12.7#

Instrument :
BNA_N
ClientSampleId :
F9Y14

Manual Integrations APPROVED
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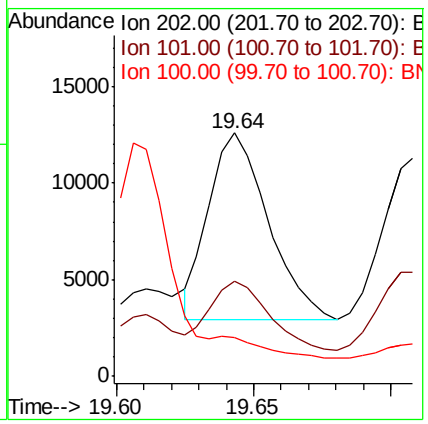
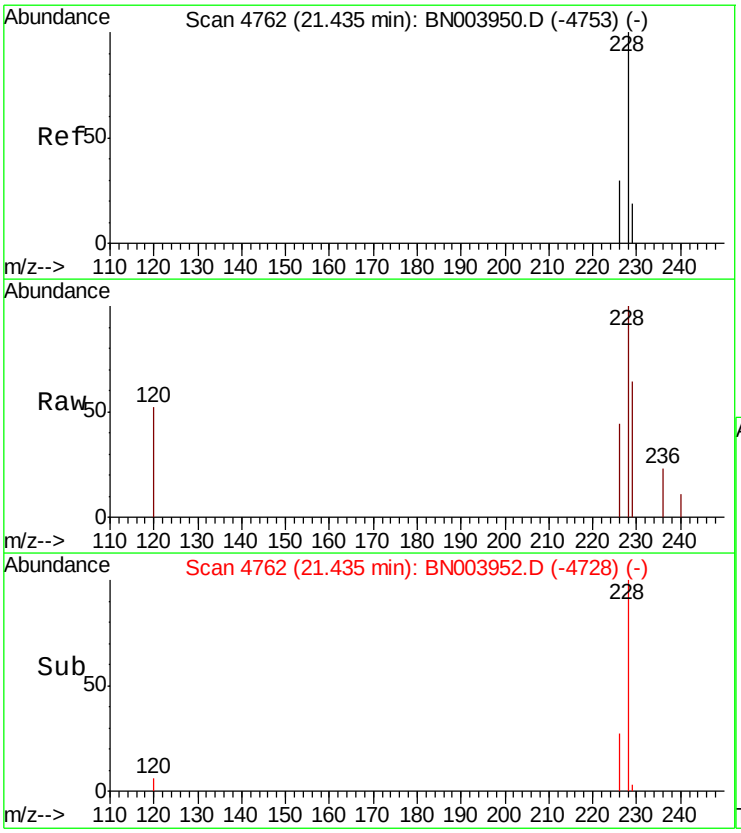
12/17/2018 4:23:44 PM





#19
Chrysene
Concen: 0.114 ng/ul m
RT: 21.43 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN003952.D
Acq: 15 Dec 2018 10:59

Tgt Ion:228 Resp: 9236

Ion	Ratio	Lower	Upper
228	100		
226	43.8	24.0	36.0#
229	63.8	15.7	23.5#