Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122818\
Data File : BN004271.D
Acq On : 28 Dec 2018 20:16
Operator : JU/SJ
Sample : J6541-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F72

Manual Integrations APPROVED
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Quant Time: Dec 29 05:06:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 28 22:16:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2413	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	10702	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	8253	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	16693m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.40	240	16173m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13838m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.20	152	6320	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	15823m	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.66	128	12283	0.407	ng/ul#	8
5) 2-Methylnaphthalene	12.28	142	8229	0.393	ng/ul	100
7) Acenaphthylene	14.18	152	4375	0.106	ng/ul#	1
8) Acenaphthene	14.53	153	8568	0.259	ng/ul#	78
9) Fluorene	15.51	166	18253	0.486	ng/ul#	93
12) Phenanthrene	17.25	178	16325m	0.301	ng/ul	
15) Fluoranthene	19.27	202	2058m	0.031	ng/ul	
17) Pyrene	19.63	202	2972	0.054	ng/ul#	67
19) Chrysene	21.43	228	2344	0.040	ng/ul#	29

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

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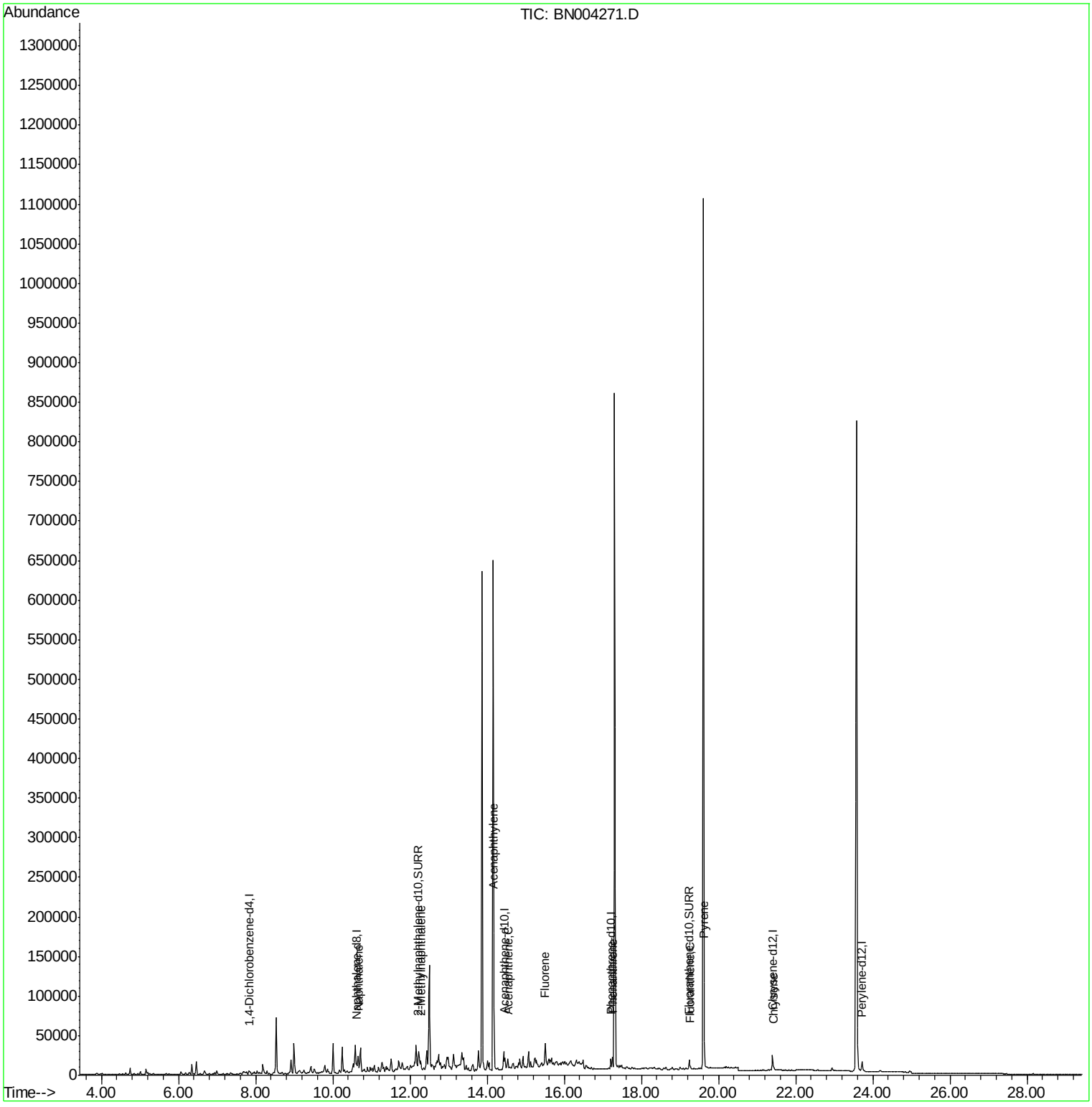

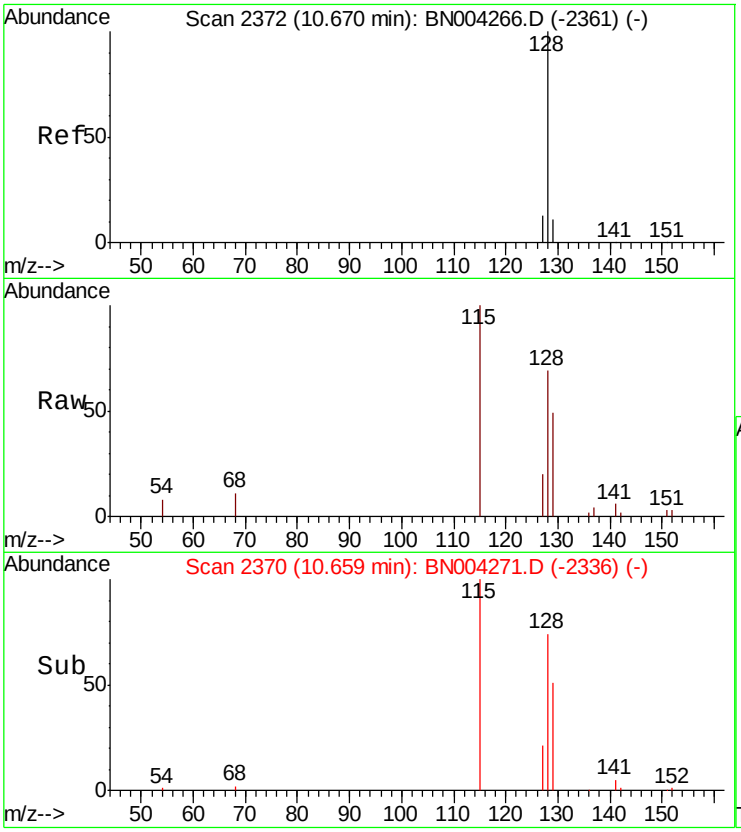

#3
Naphthalene
Concen: 0.407 ng/ul
RT: 10.66 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BN004271.D
Acq: 28 Dec 2018 20:16

Tgt Ion:128 Resp: 12283

Ion	Ratio	Lower	Upper
128	100		
129	70.9	9.5	14.3#
127	29.8	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
F9F72

Manual Integrations APPROVED
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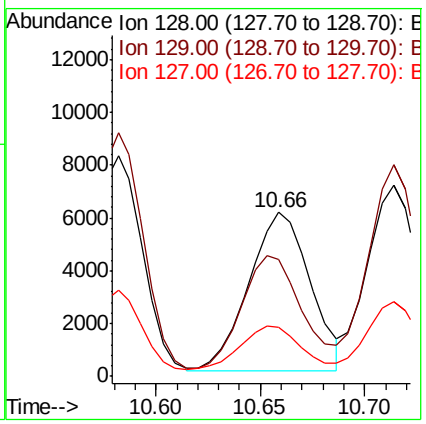
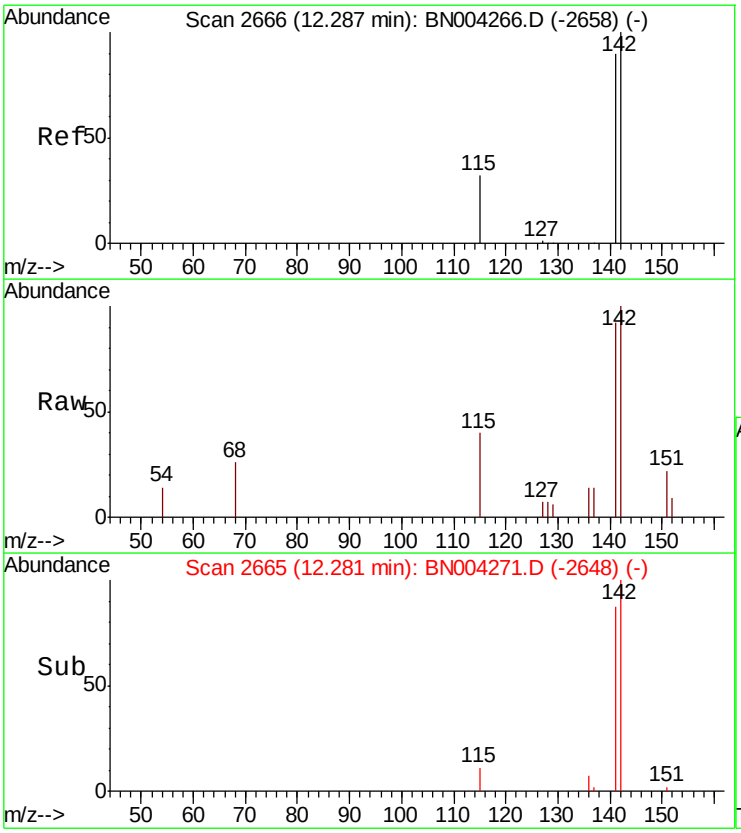
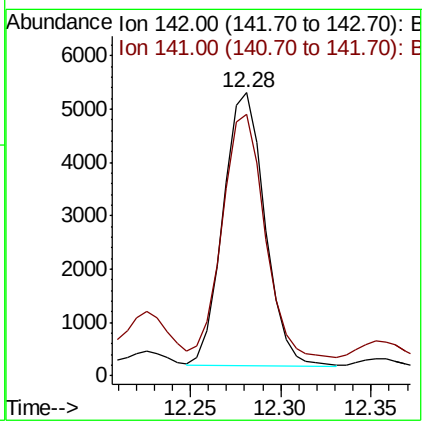


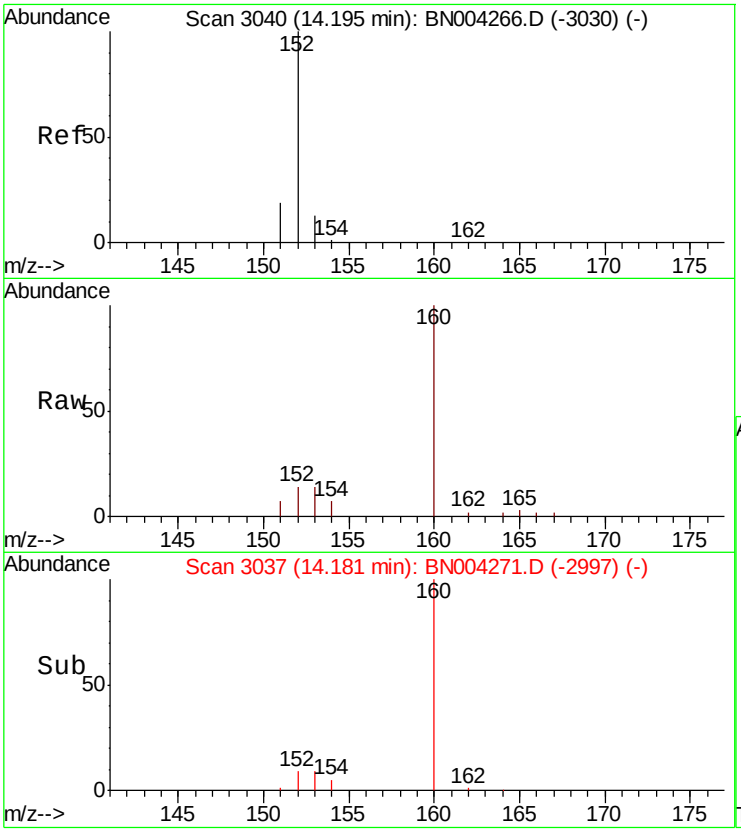


#5
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.28 min Scan# 2665
Delta R.T. -0.01 min
Lab File: BN004271.D
Acq: 28 Dec 2018 20:16

Tgt Ion:142 Resp: 8229

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2





#7
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.18 min Scan# 3037
Delta R.T. -0.01 min
Lab File: BN004271.D
Acq: 28 Dec 2018 20:16

Tgt Ion:152 Resp: 4375

Ion	Ratio	Lower	Upper
152	100		
151	54.6	16.3	24.5#
153	105.5	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
F9F72

Manual Integrations APPROVED
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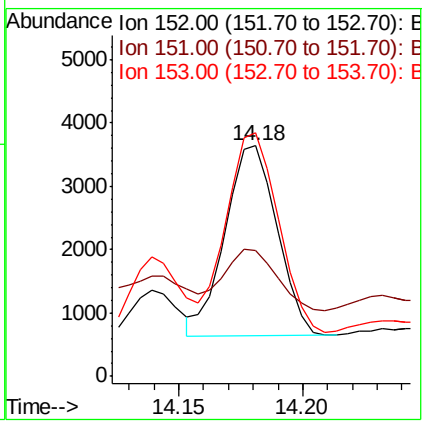
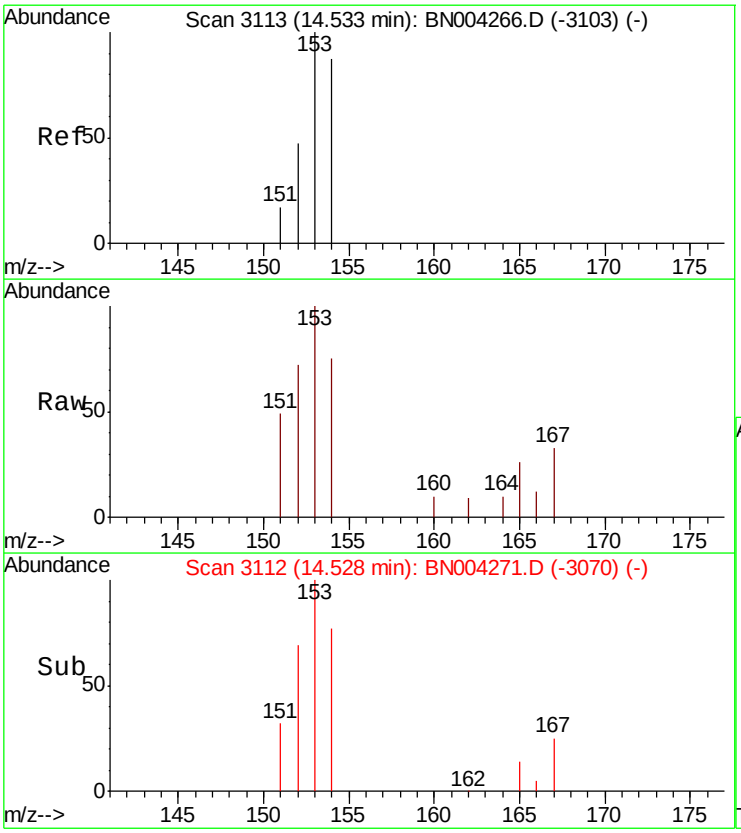
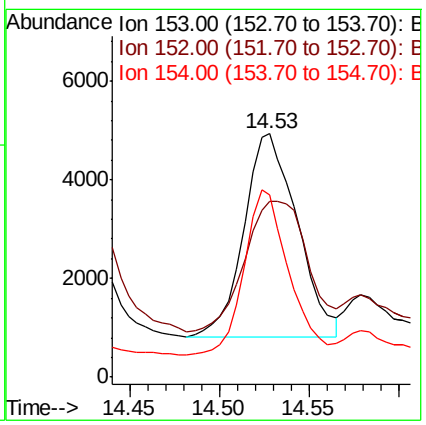


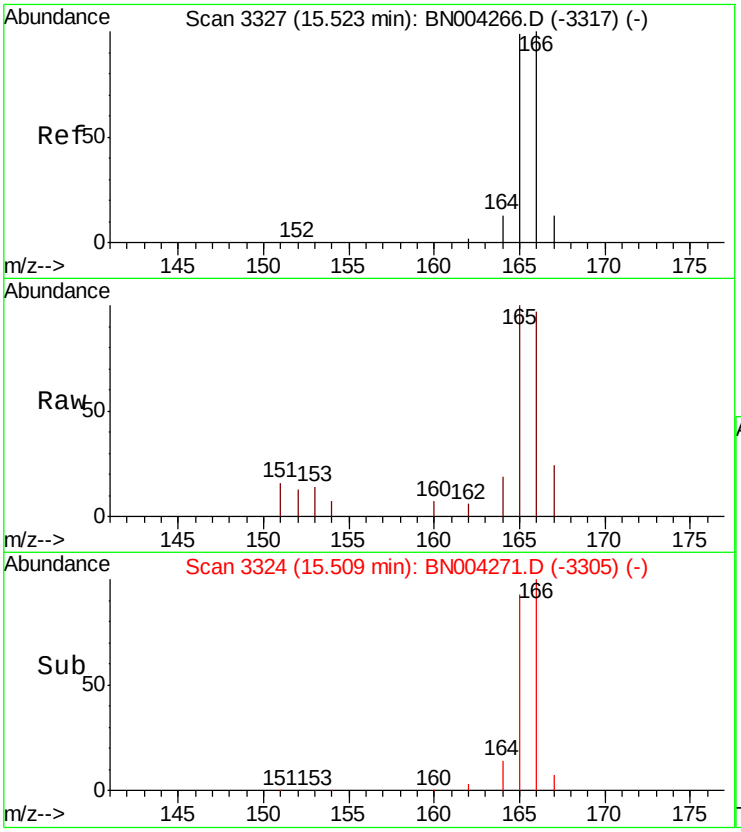


#8
Acenaphthene
Concen: 0.259 ng/ul
RT: 14.53 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BN004271.D
Acq: 28 Dec 2018 20:16

Tgt Ion:153 Resp: 8568

Ion	Ratio	Lower	Upper
153	100		
152	72.0	38.2	57.2#
154	74.8	70.9	106.3

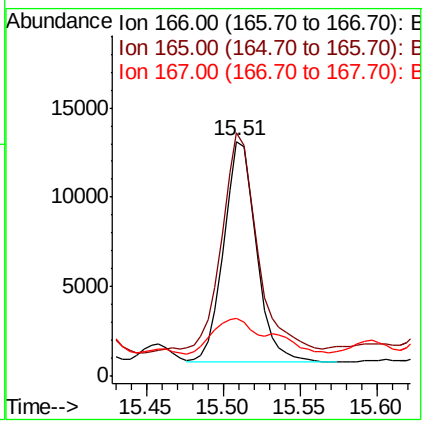




#9
Fluorene
Concen: 0.486 ng/ul
RT: 15.51 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BN004271.D
Acq: 28 Dec 2018 20:16

Tgt Ion:166 Resp: 18253

Ion	Ratio	Lower	Upper
166	100		
165	103.5	79.0	118.6
167	24.5	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
F9F72

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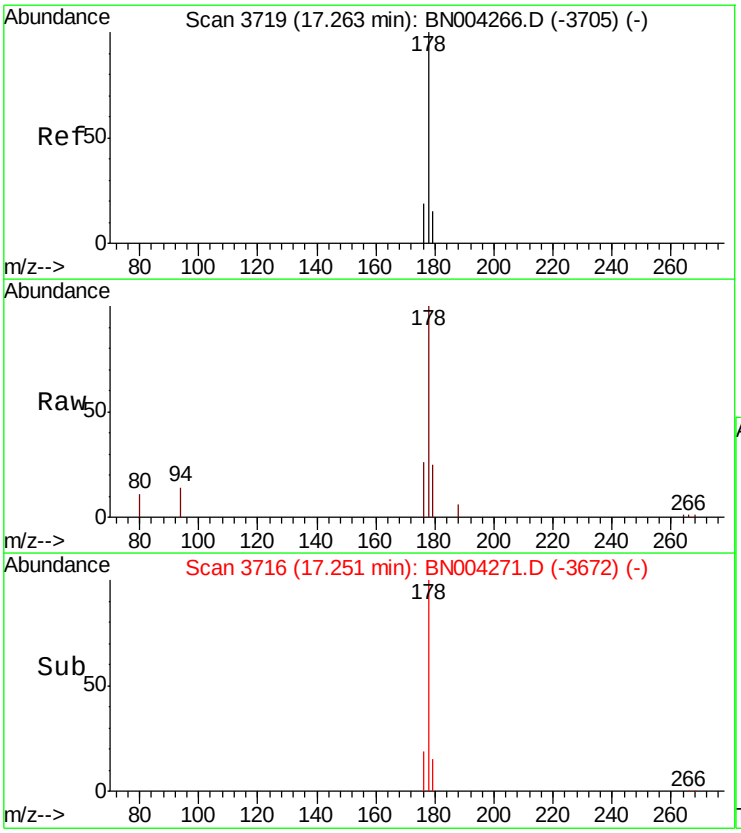
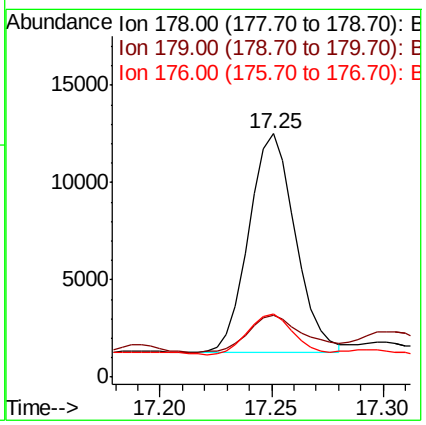
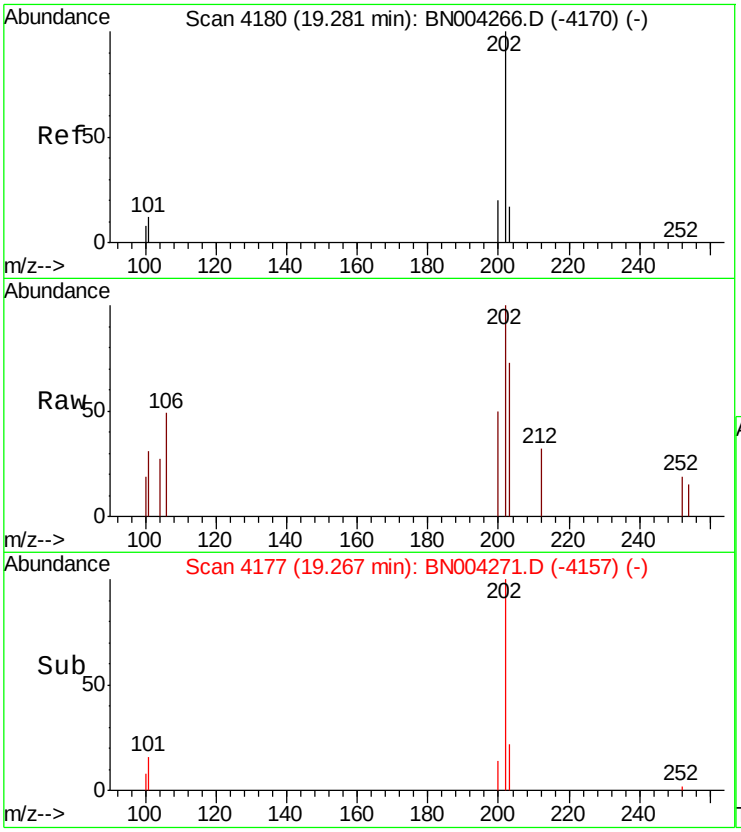


#12
Phenanthrene
Concen: 0.301 ng/ul m
RT: 17.25 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BN004271.D
Acq: 28 Dec 2018 20:16

Tgt Ion:178 Resp: 16325

Ion	Ratio	Lower	Upper
178	100		
179	25.3	12.6	18.8#
176	26.0	15.2	22.8#

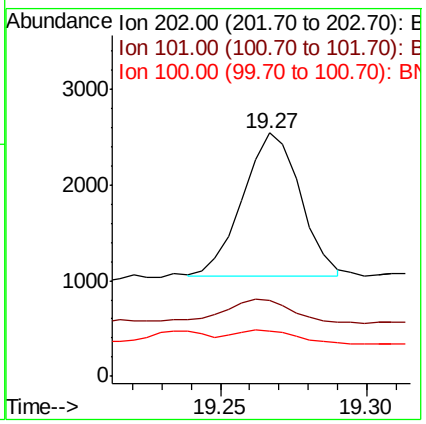




#15
Fluoranthene
Concen: 0.031 ng/ul m
RT: 19.27 min Scan# 4177
Delta R.T. -0.01 min
Lab File: BN004271.D
Acq: 28 Dec 2018 20:16

Tgt Ion:202 Resp: 2058

Ion	Ratio	Lower	Upper
202	100		
101	31.4	0.0	32.6
100	18.7	0.0	29.7



Instrument :
BNA_N
ClientSampleId :
F9F72

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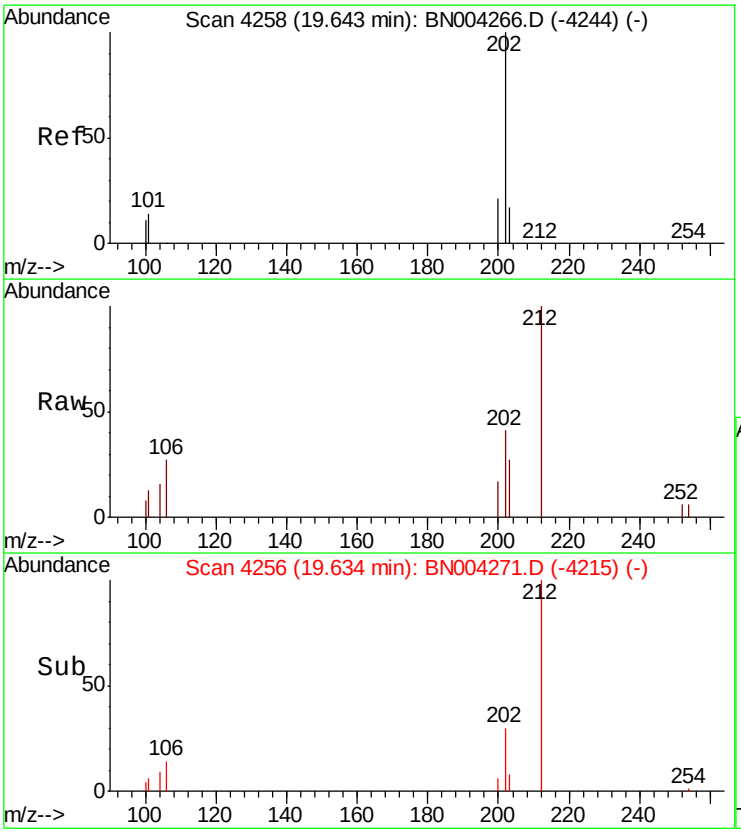
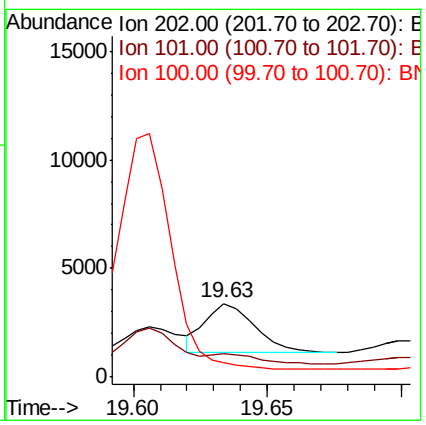
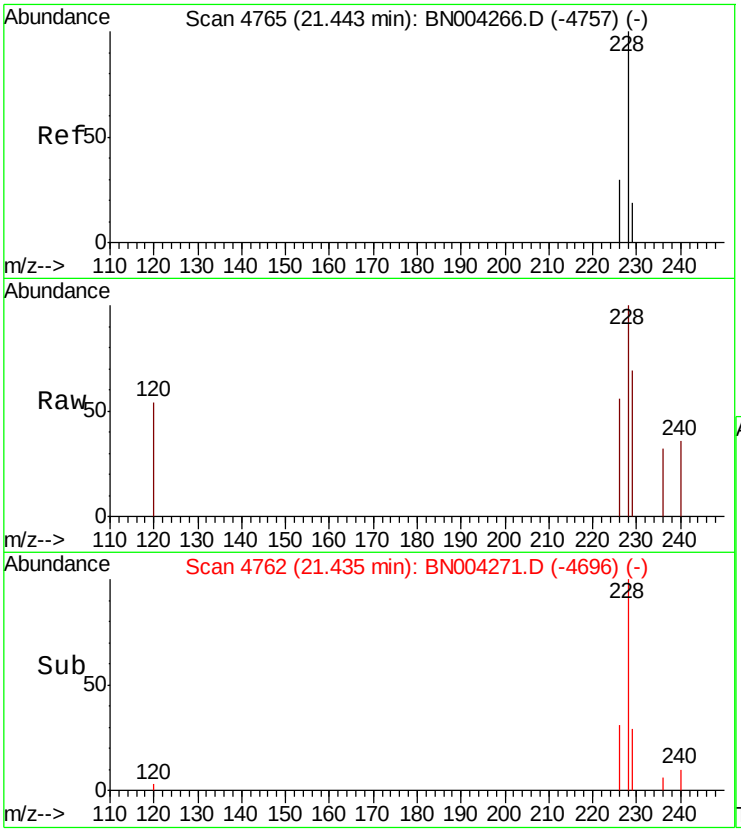


#17
Pyrene
Concen: 0.054 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. -0.01 min
Lab File: BN004271.D
Acq: 28 Dec 2018 20:16

Tgt Ion:202 Resp: 2972

Ion	Ratio	Lower	Upper
202	100		
101	31.4	11.2	16.8#
100	19.4	9.1	13.7#

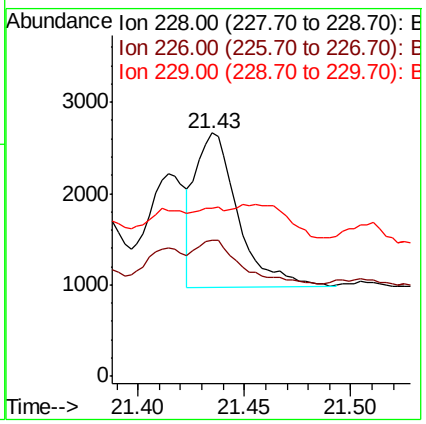




#19
Chrysene
Concen: 0.040 ng/ul
RT: 21.43 min Scan# 4762
Delta R.T. -0.01 min
Lab File: BN004271.D
Acq: 28 Dec 2018 20:16

Tgt Ion:228 Resp: 2344

Ion	Ratio	Lower	Upper
228	100		
226	55.8	24.3	36.5#
229	69.1	15.9	23.9#



Instrument :
BNA_N
ClientSampleId :
F9F72

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