Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003798.D
Acq On : 11 Dec 2018 03:04
Operator : JU/SJ
Sample : J6077-16DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y32DL

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Quant Time: Dec 11 05:51:33 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5720	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	22636	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	15637	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	20401	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14755	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	16610	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1156m	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	3259	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	529957	8.335	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	124794	2.811	ng/ul	100
7) Acenaphthylene	14.20	152	13217	0.188	ng/ul#	1
8) Acenaphthene	14.54	153	30924	0.501	ng/ul#	89
9) Fluorene	15.53	166	34369	0.478	ng/ul#	79
12) Phenanthrene	17.26	178	83532	1.248	ng/ul#	79
13) Anthracene	17.36	178	13968	0.254	ng/ul#	38
15) Fluoranthene	19.28	202	33047	0.418	ng/ul	82
17) Pyrene	19.64	202	65323	1.234	ng/ul#	90
18) Benzo(a)anthracene	21.39	228	5876	0.126	ng/ul#	1
19) Chrysene	21.42	228	42765	0.802	ng/ul#	43
26) Benzo(g,h,i)perylene	26.81	276	7299	0.123	ng/ul#	1

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

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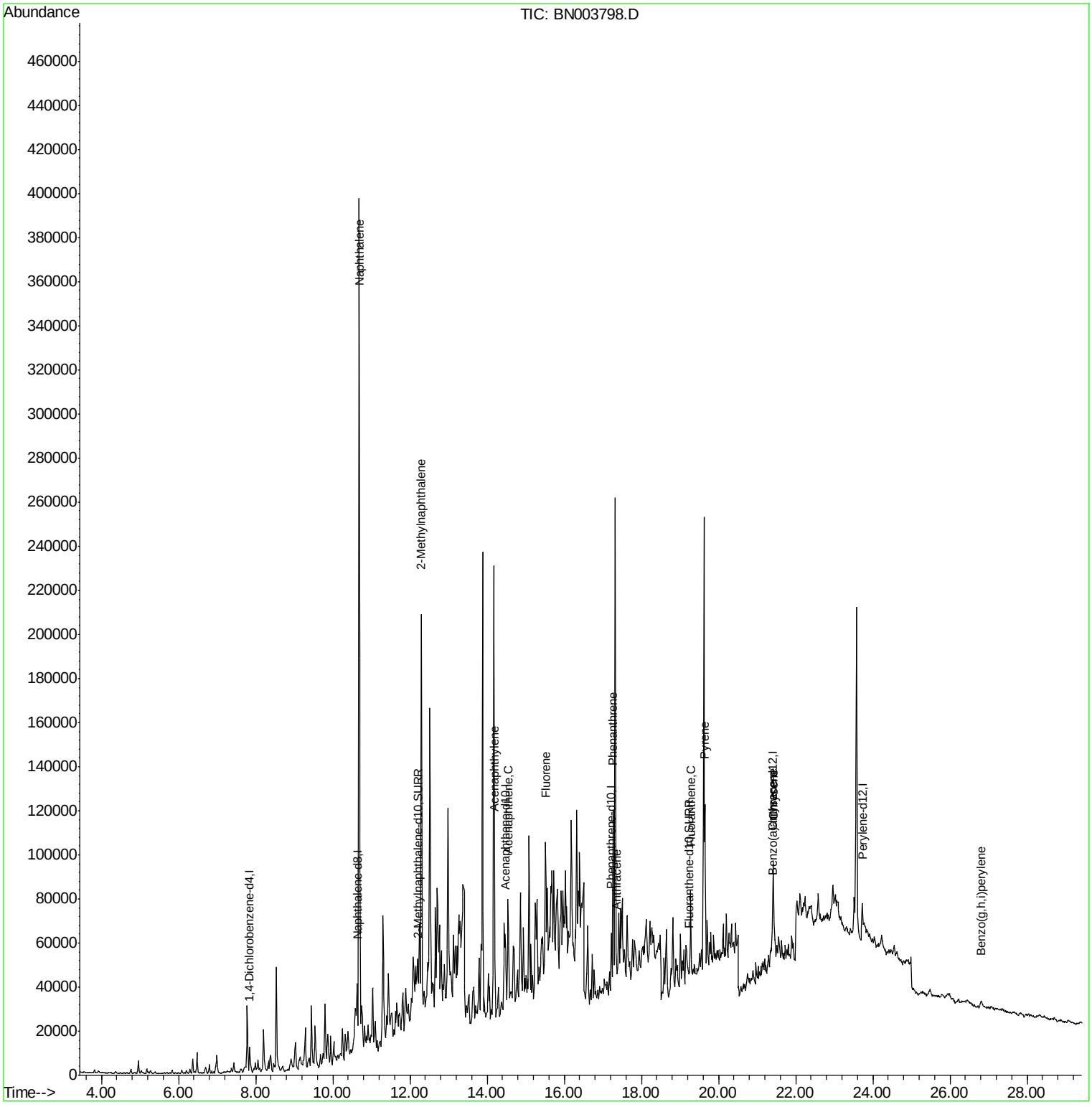
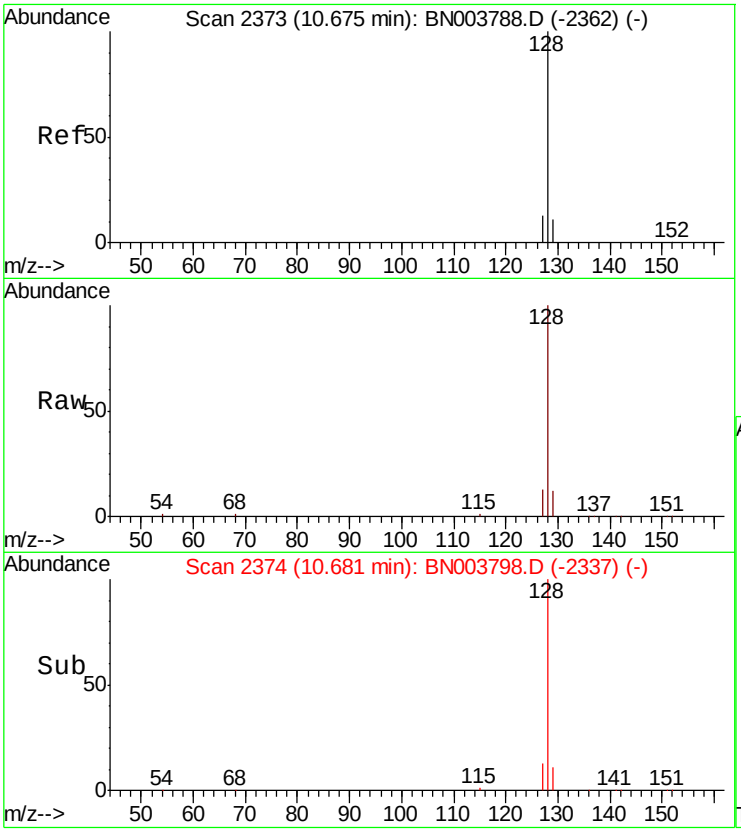
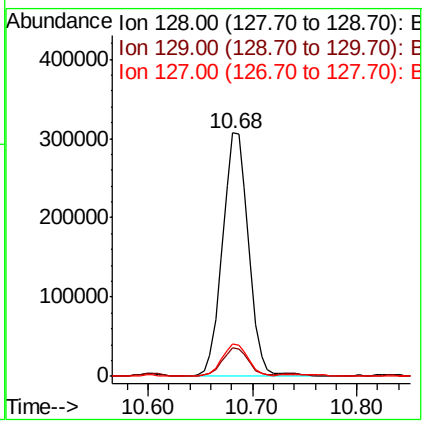




#3
Naphthalene
Concen: 8.335 ng/ul
RT: 10.68 min Scan# 2374
Delta R.T. 0.01 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:128 Resp: 529957

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.3	10.5	15.7



Instrument :
BNA_N
ClientSampleId :
F9Y32DL

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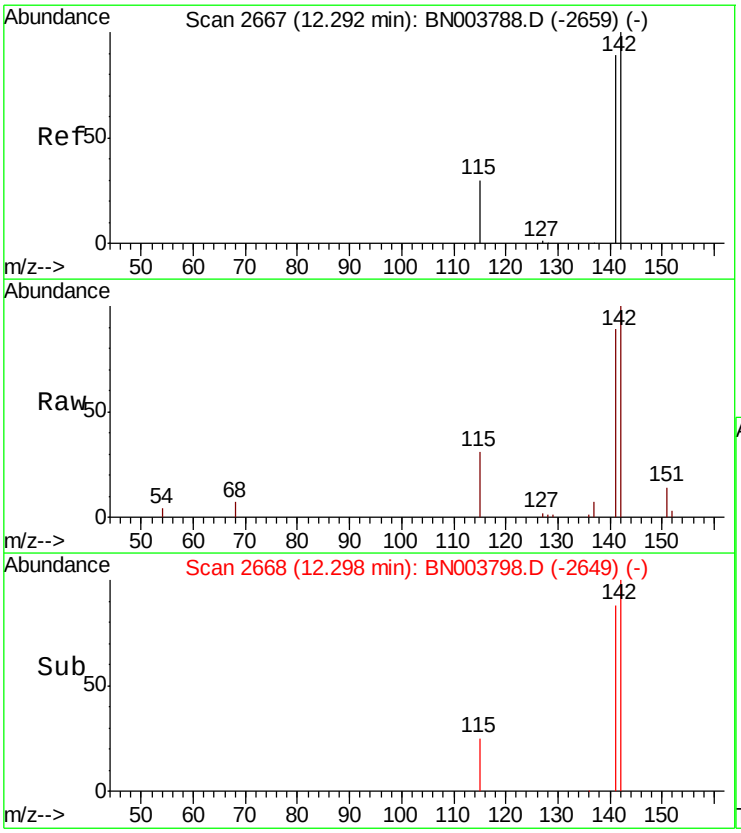
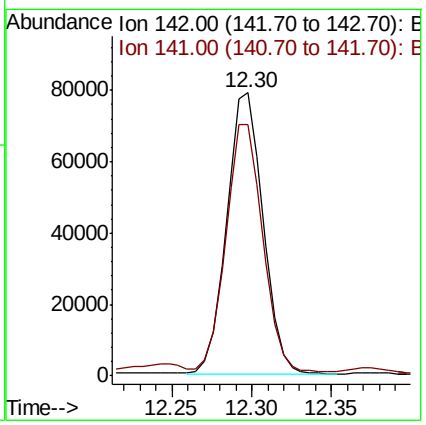
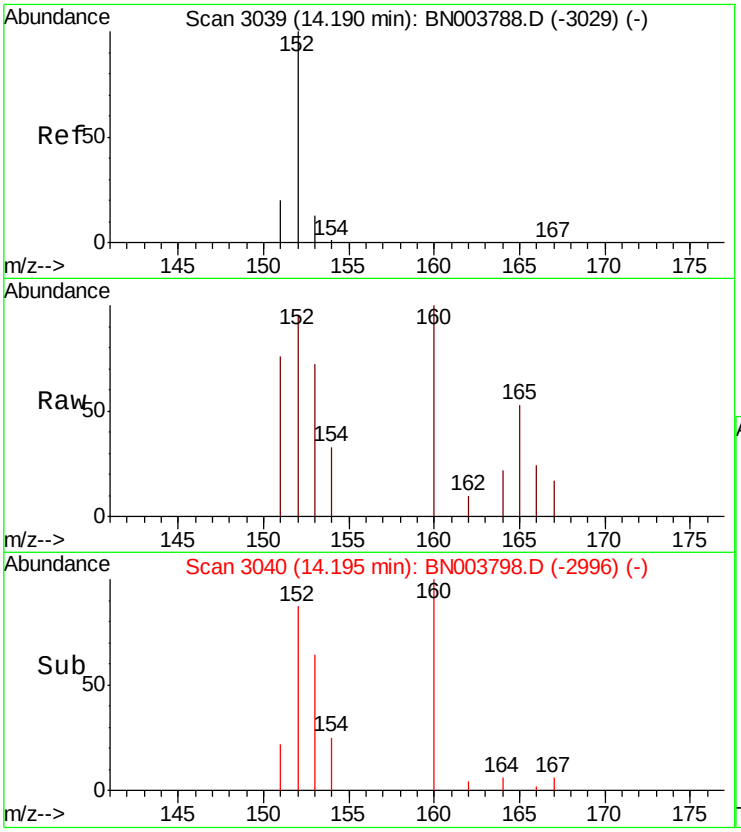


#5
2-Methylnaphthalene
Concen: 2.811 ng/ul
RT: 12.30 min Scan# 2668
Delta R.T. 0.01 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:142 Resp: 124794

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.5	107.3





#7
Acenaphthylene
Concen: 0.188 ng/ul
RT: 14.20 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:152 Resp: 13217

Ion	Ratio	Lower	Upper
152	100		
151	79.8	15.9	23.9#
153	75.8	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
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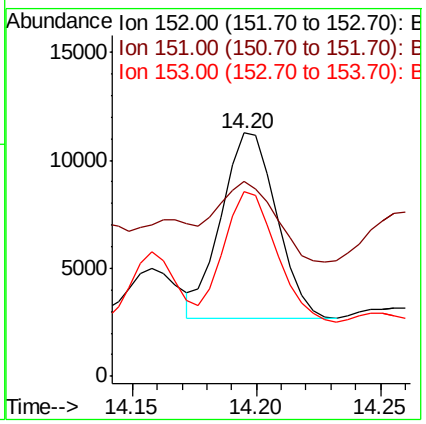
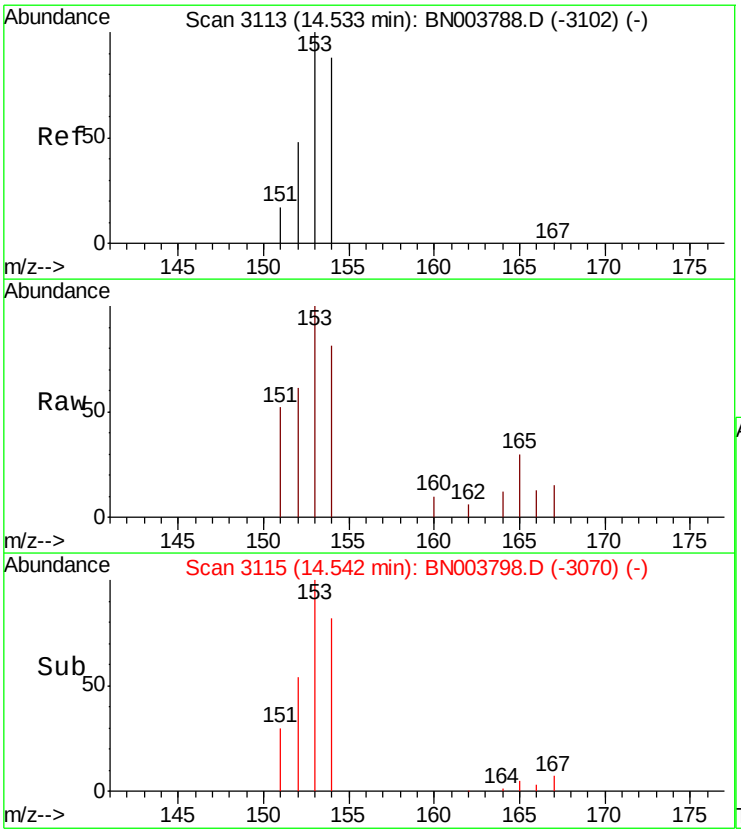
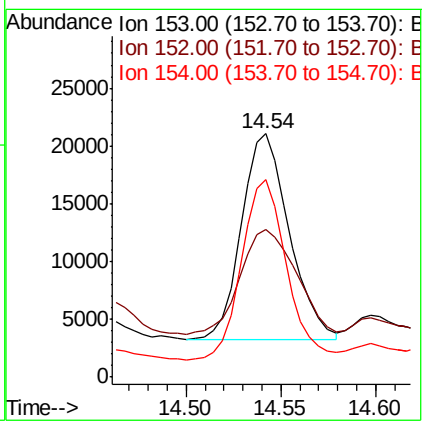


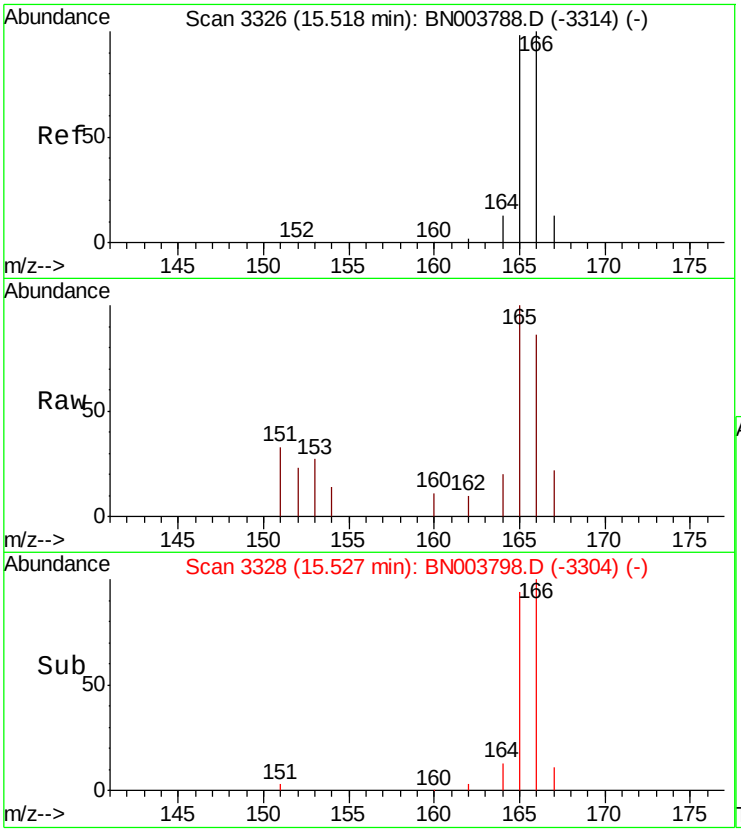


#8
Acenaphthene
Concen: 0.501 ng/ul
RT: 14.54 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:153 Resp: 30924

Ion	Ratio	Lower	Upper
153	100		
152	60.6	39.3	58.9#
154	81.2	70.3	105.5





#9
Fluorene
Concen: 0.478 ng/ul
RT: 15.53 min Scan# 3328
Delta R.T. 0.01 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:166 Resp: 34369

Ion	Ratio	Lower	Upper
166	100		
165	116.9	78.3	117.5
167	26.1	11.3	16.9#

Instrument :
BNA_N
ClientSampleId :
F9Y32DL

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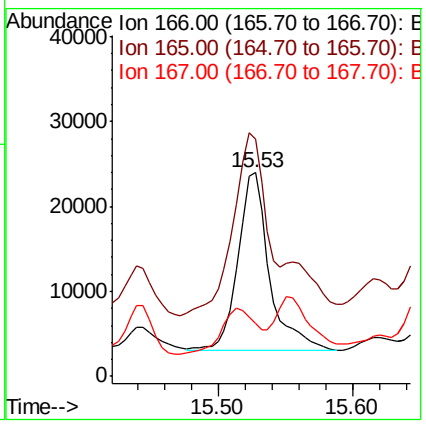
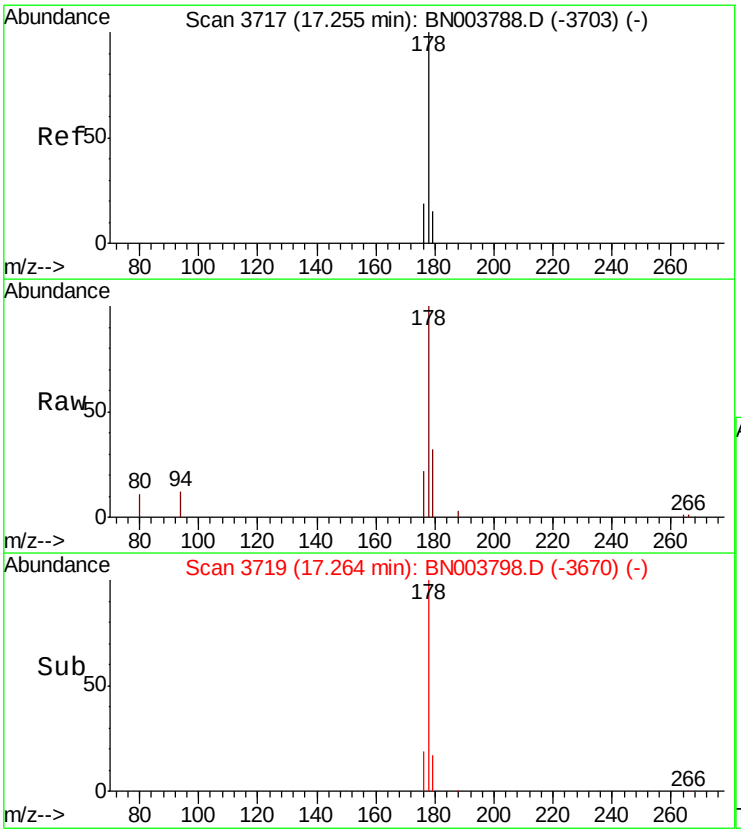
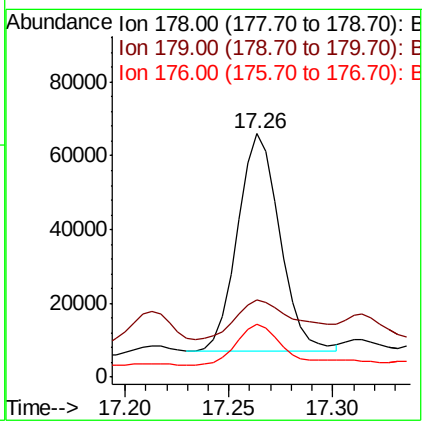


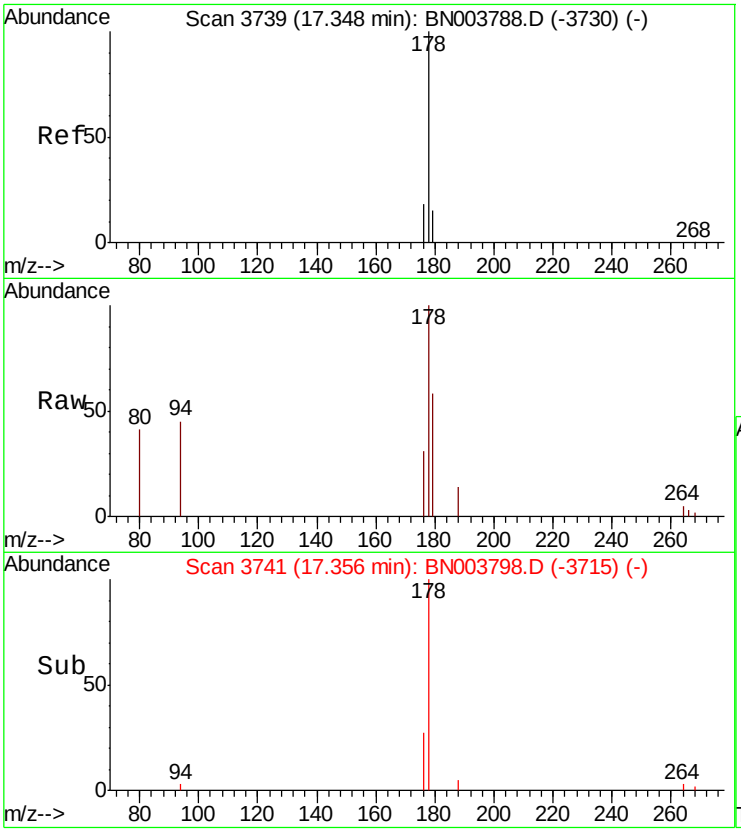


#12
Phenanthrene
Concen: 1.248 ng/ul
RT: 17.26 min Scan# 3719
Delta R.T. 0.01 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:178 Resp: 83532

Ion	Ratio	Lower	Upper
178	100		
179	31.6	12.5	18.7#
176	21.8	15.0	22.4

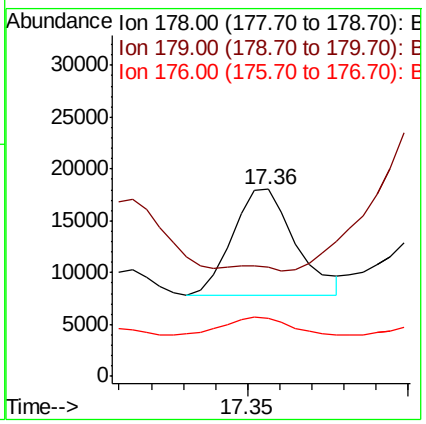




#13
Anthracene
Concen: 0.254 ng/ul
RT: 17.36 min Scan# 3741
Delta R.T. 0.01 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:178 Resp: 13968

Ion	Ratio	Lower	Upper
178	100		
179	58.2	12.3	18.5#
176	31.3	14.8	22.2#



Instrument :
BNA_N
ClientSampleId :
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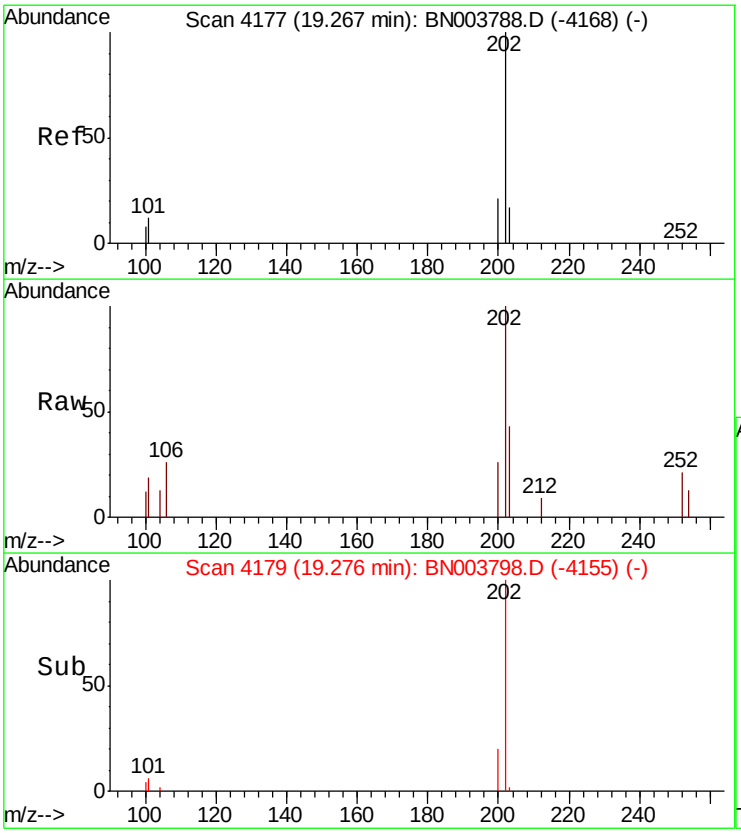
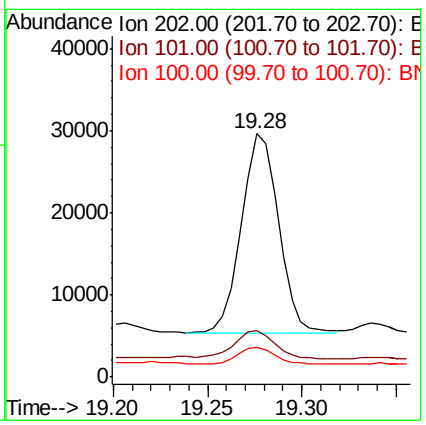
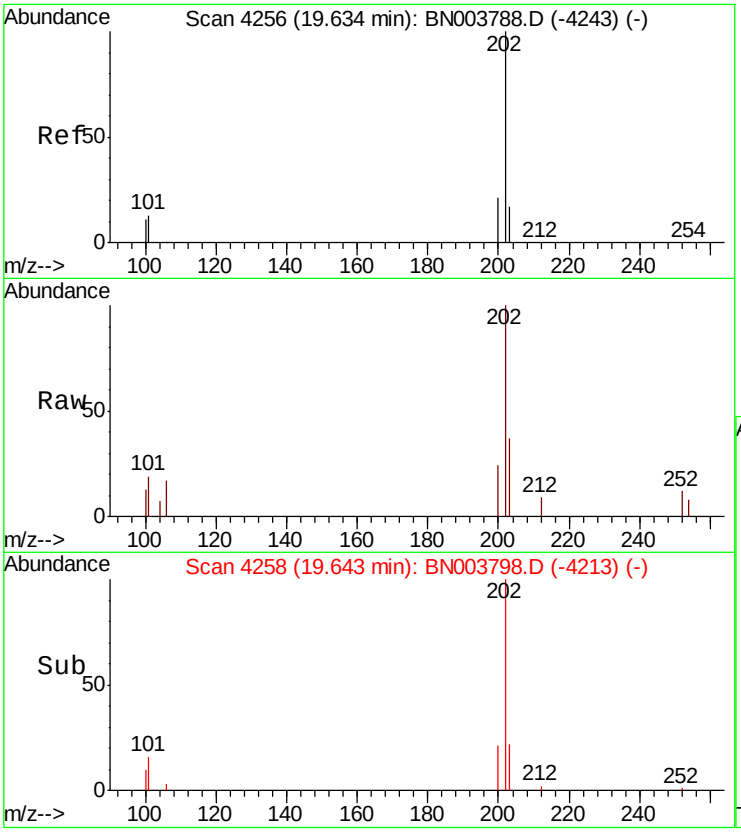


#15
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.28 min Scan# 4179
Delta R.T. 0.01 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:202 Resp: 33047

Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	30.7
100	12.3	0.0	28.1





#17
Pyrene
Concen: 1.234 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. 0.01 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:202 Resp: 65323

Ion	Ratio	Lower	Upper
202	100		
101	18.6	10.3	15.5#
100	12.6	8.5	12.7

Instrument :
BNA_N
ClientSampleId :
F9Y32DL

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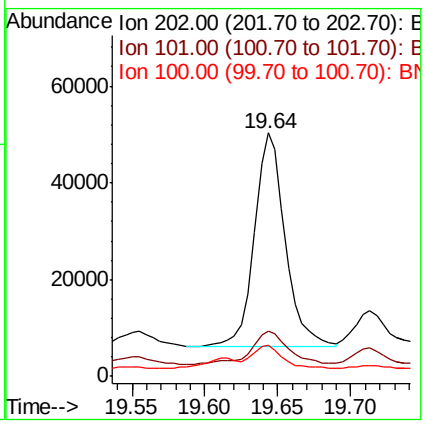
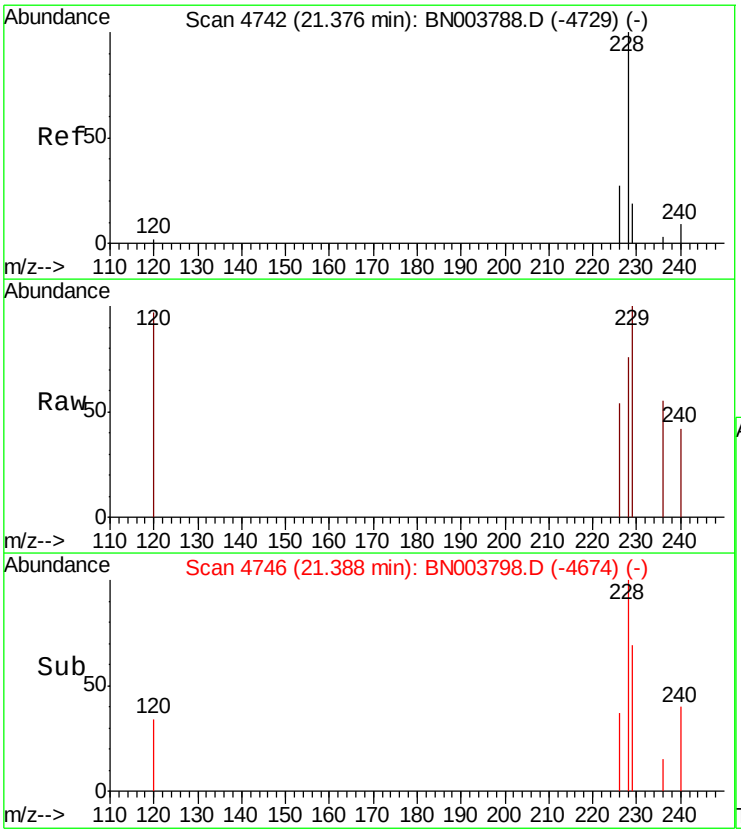
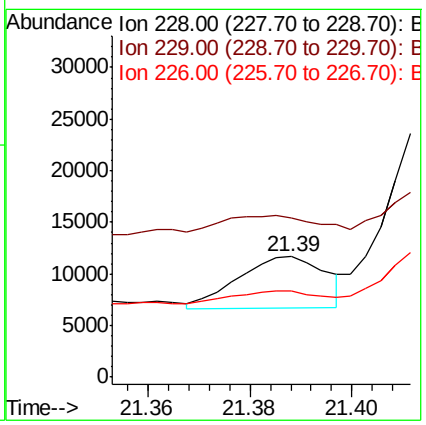


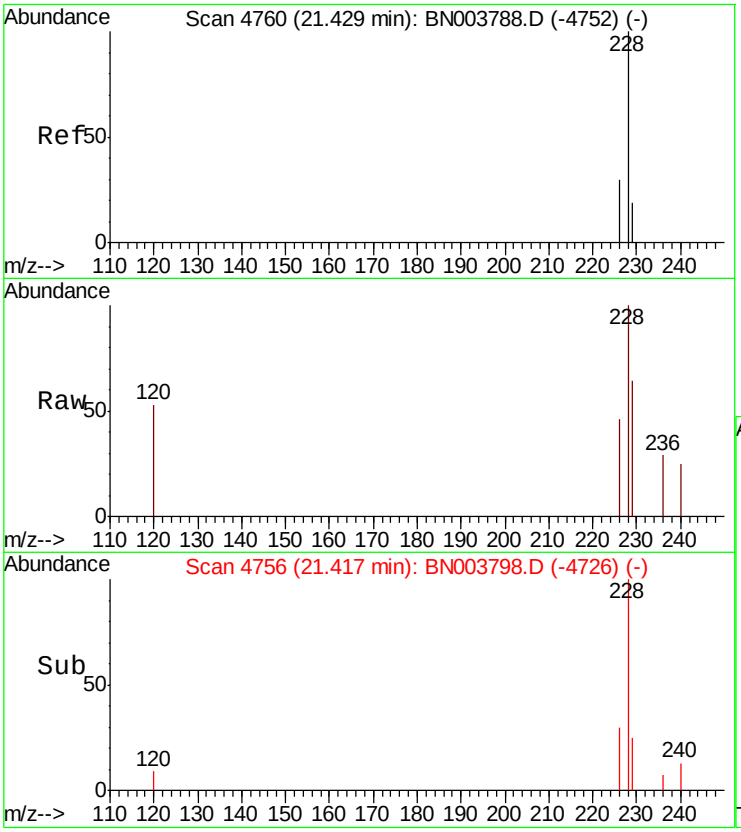


#18
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 21.39 min Scan# 4746
Delta R.T. 0.01 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:228 Resp: 5876

Ion	Ratio	Lower	Upper
228	100		
229	132.3	15.6	23.4#
226	71.7	21.1	31.7#





#19
Chrysene
Concen: 0.802 ng/ul
RT: 21.42 min Scan# 4756
Delta R.T. -0.01 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:228 Resp: 42765

Ion	Ratio	Lower	Upper
228	100		
226	46.3	24.0	36.0#
229	64.0	15.7	23.5#

Instrument :
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ClientSampleId :
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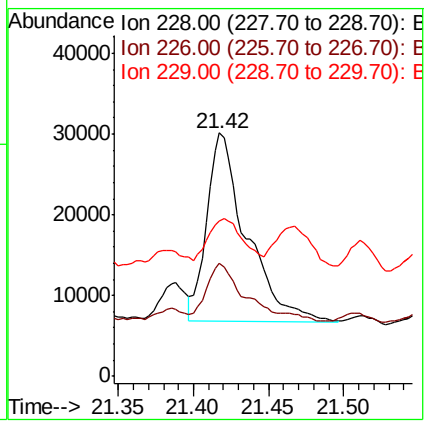

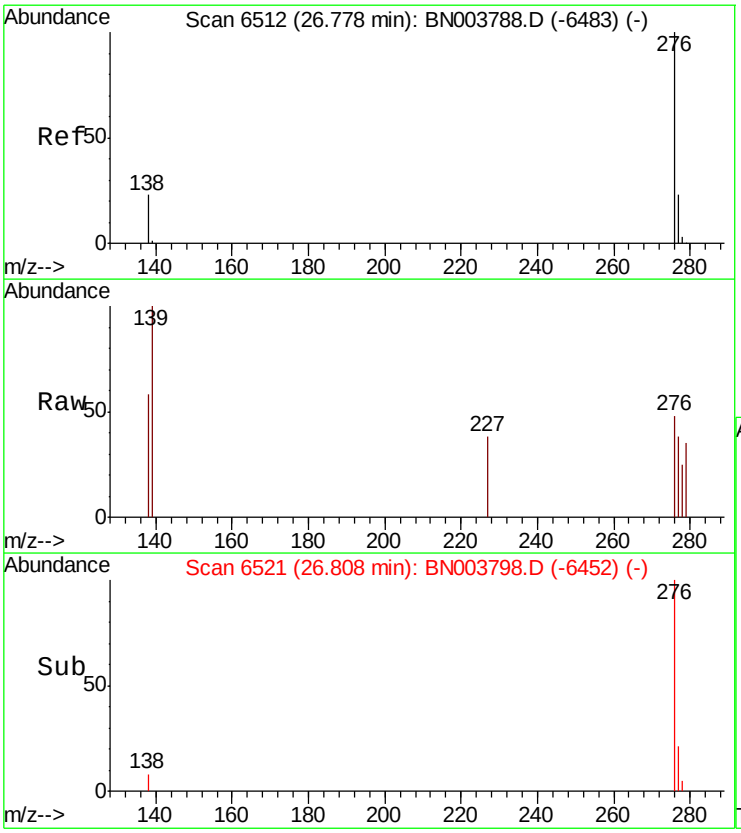

#26
Benzo(g,h,i)perylene
Concen: 0.123 ng/ul
RT: 26.81 min Scan# 6521
Delta R.T. 0.03 min
Lab File: BN003798.D
Acq: 11 Dec 2018 03:04

Tgt Ion:276 Resp: 7299

Ion	Ratio	Lower	Upper
276	100		
138	120.9	17.7	26.5#
277	79.5	19.3	28.9#