Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007015.D
Acq On : 08 Aug 2019 08:40
Operator : HP/JU
Sample : K3962-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 08 11:35:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEP33

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	9033	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	36393	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	22386	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	54786m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	36607m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	29644m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	12131	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	42041m	0.24	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.83	152	27153	0.209	ng/ul	98
8) Acenaphthene	14.18	153	2130	0.024	ng/ul#	94
9) Fluorene	15.17	166	4057	0.038	ng/ul#	80
12) Phenanthrene	16.90	178	56749m	0.325	ng/ul	
13) Anthracene	16.99	178	28399m	0.159	ng/ul	
15) Fluoranthene	18.93	202	570142m	2.627	ng/ul	
17) Pyrene	19.30	202	527360	3.227	ng/ul	99
18) Benzo(a)anthracene	21.06	228	527819m	3.282	ng/ul	
19) Chrysene	21.11	228	449407	2.984	ng/ul	98
21) Benzo(b)fluoranthene	22.59	252	418625m	3.483	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	157816m	1.355	ng/ul	
23) Benzo(a)pyrene	23.12	252	296383m	2.619	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.31	276	150355m	1.233	ng/ul	
25) Dibenzo(a,h)anthracene	25.32	278	41437m	0.425	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	135471	1.324	ng/ul	98

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

Quantitation Report (QT Reviewed)

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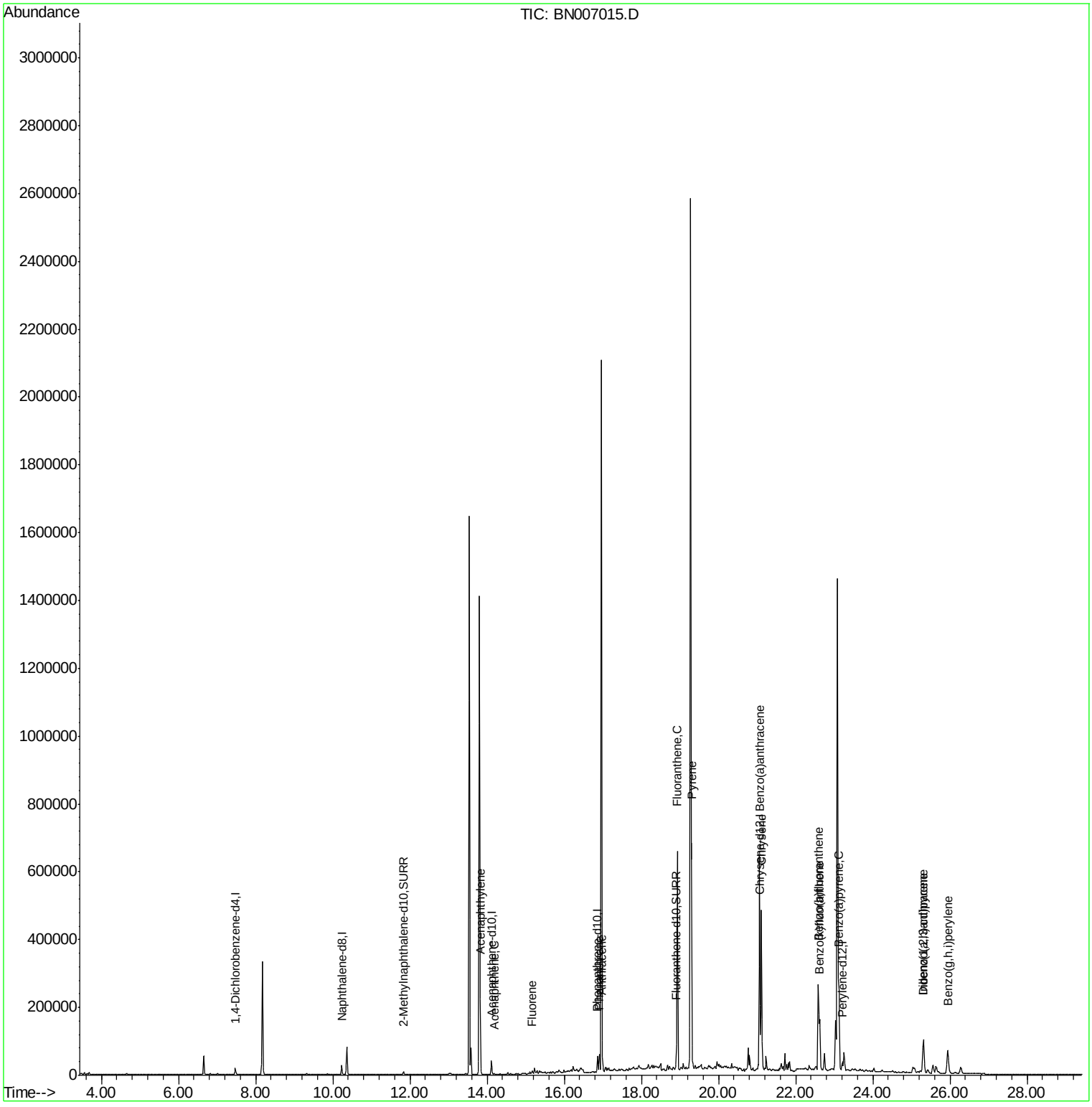
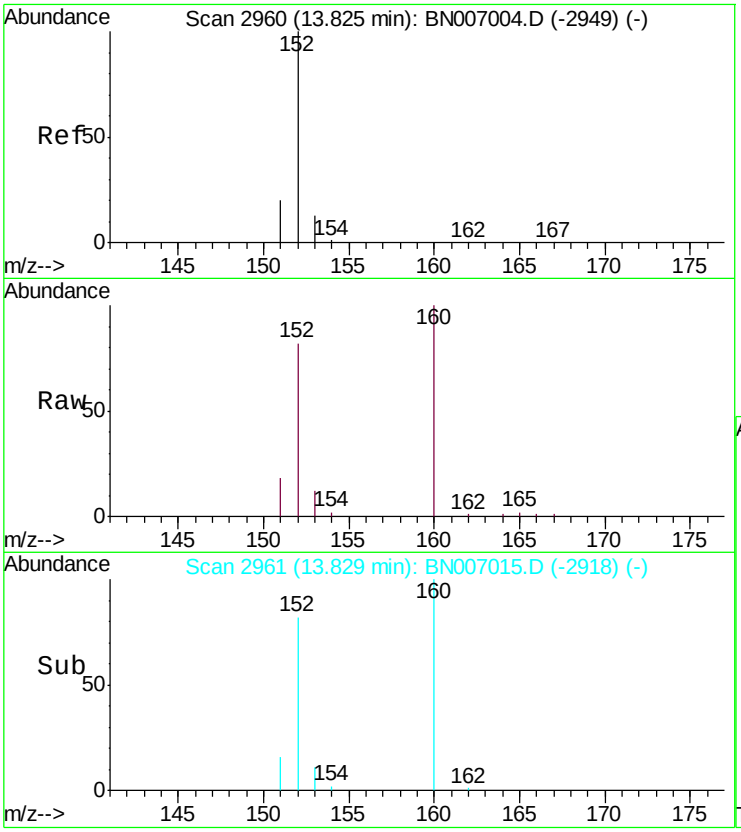
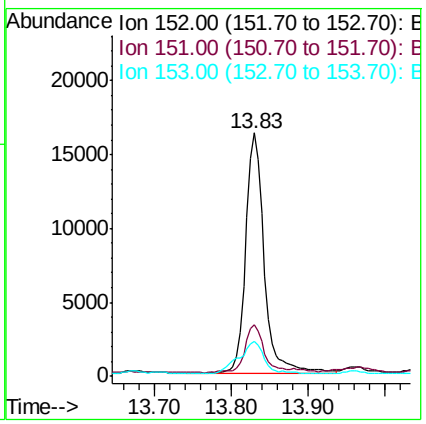




#7
Acenaphthylene
Concen: 0.209 ng/ul
RT: 13.83 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:152 Resp: 27153

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	14.6	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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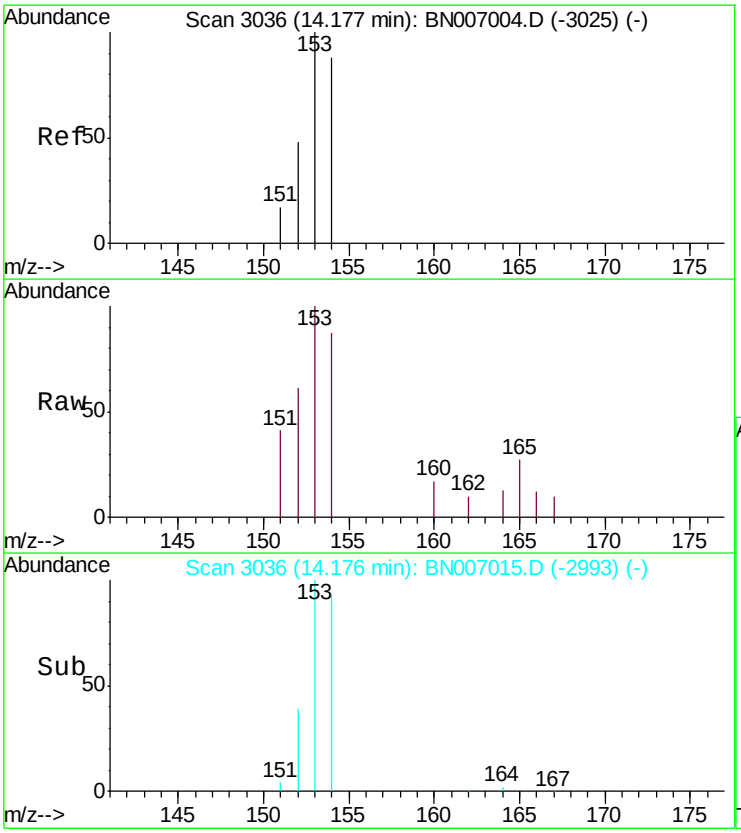
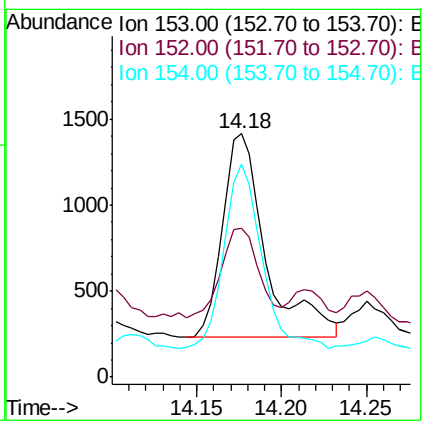
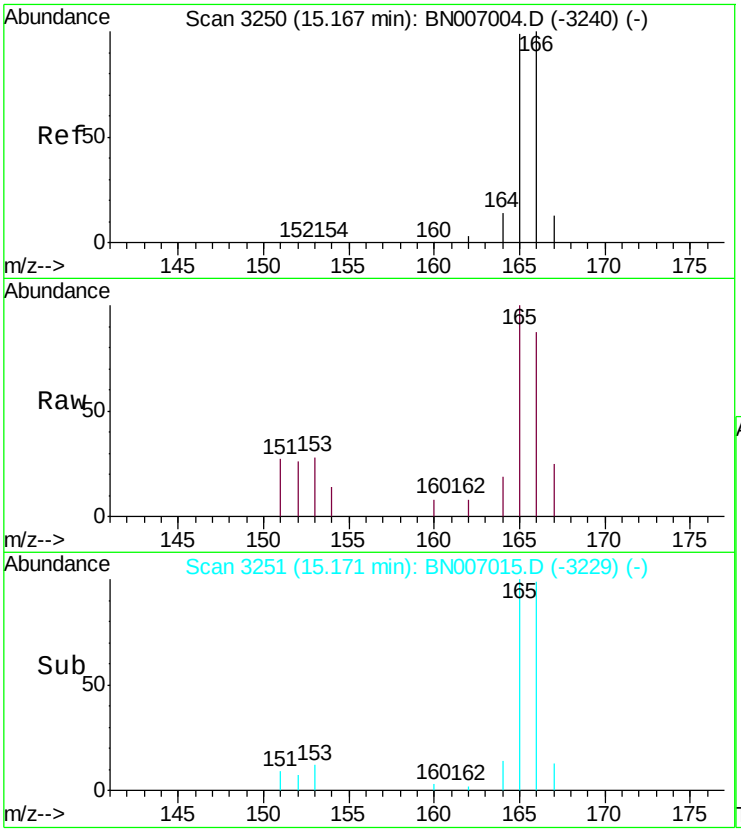


#8
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.18 min Scan# 3036
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:153 Resp: 2130

Ion	Ratio	Lower	Upper
153	100		
152	61.4	39.4	59.2#
154	87.4	70.1	105.1

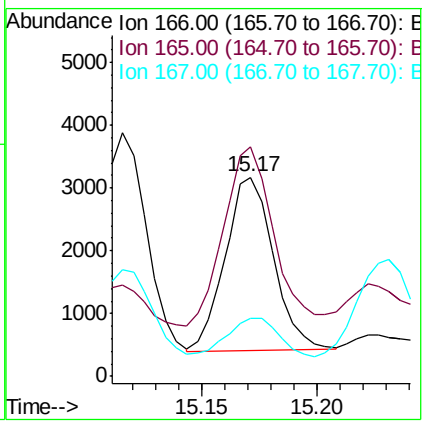




#9
Fluorene
Concen: 0.038 ng/ul
RT: 15.17 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:166 Resp: 4057

Ion	Ratio	Lower	Upper
166	100		
165	115.6	78.8	118.2
167	28.9	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
BEP33

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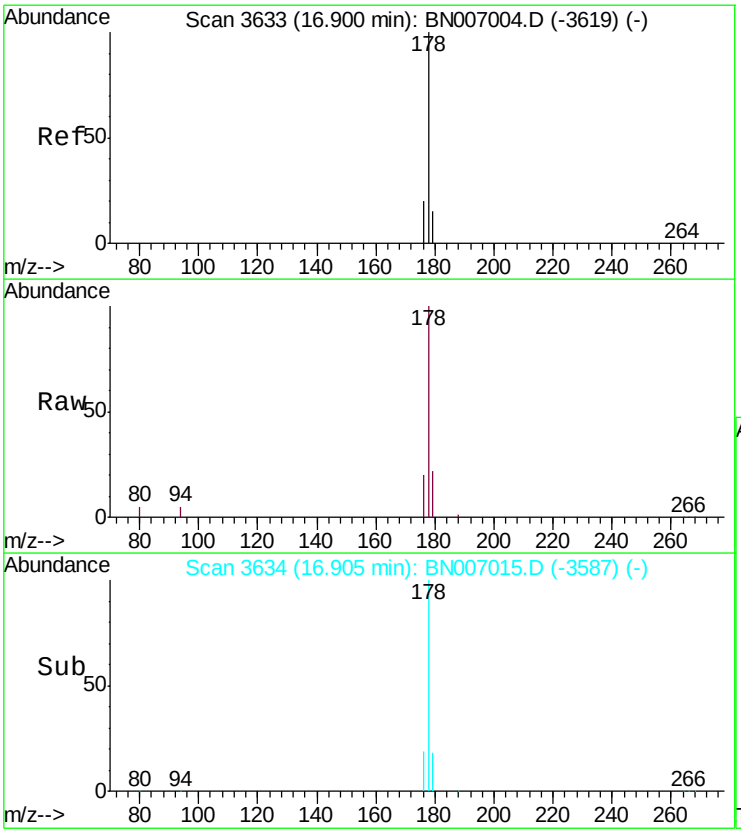
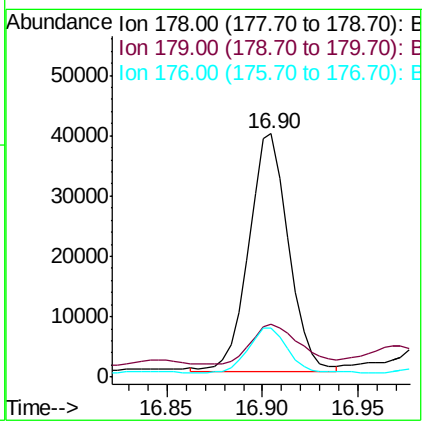
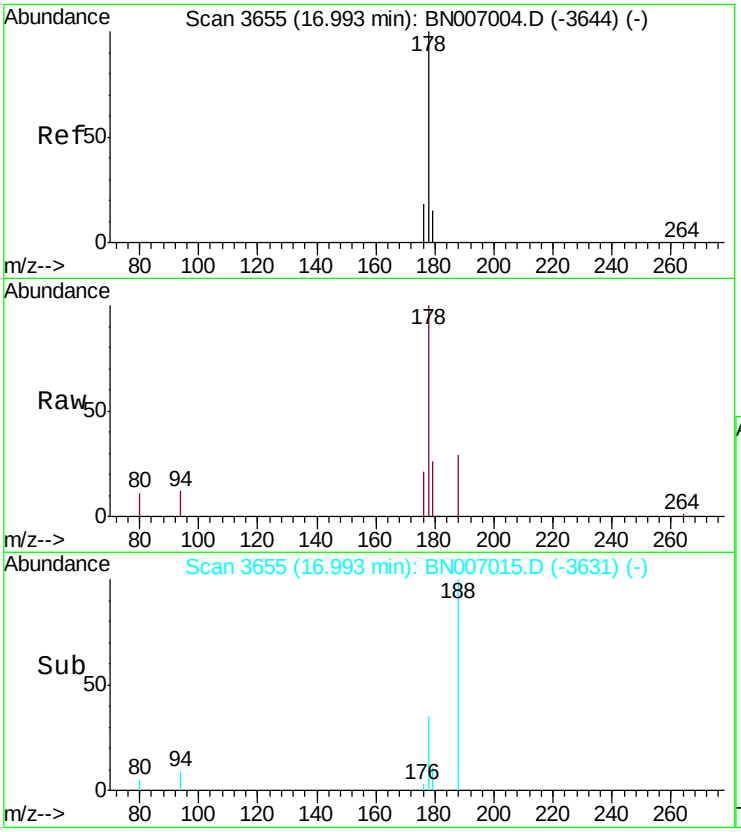


#12
Phenanthrene
Concen: 0.325 ng/ul m
RT: 16.90 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:178 Resp: 56749

Ion	Ratio	Lower	Upper
178	100		
179	21.7	12.5	18.7#
176	20.1	15.6	23.4

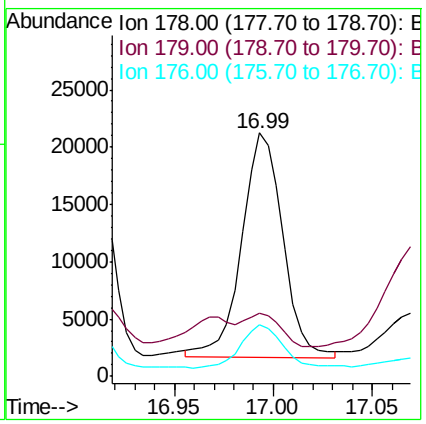




#13
Anthracene
Concen: 0.159 ng/ul m
RT: 16.99 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:178 Resp: 28399

Ion	Ratio	Lower	Upper
178	100		
179	25.9	12.6	18.8#
176	21.1	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
BEP33

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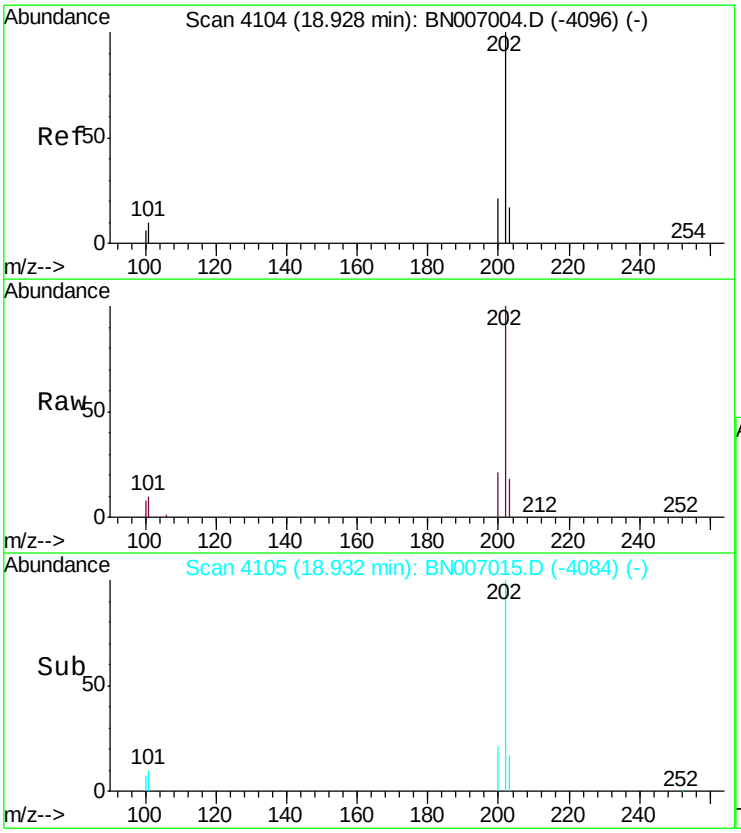
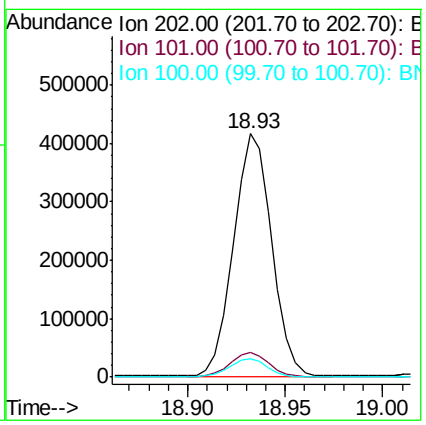
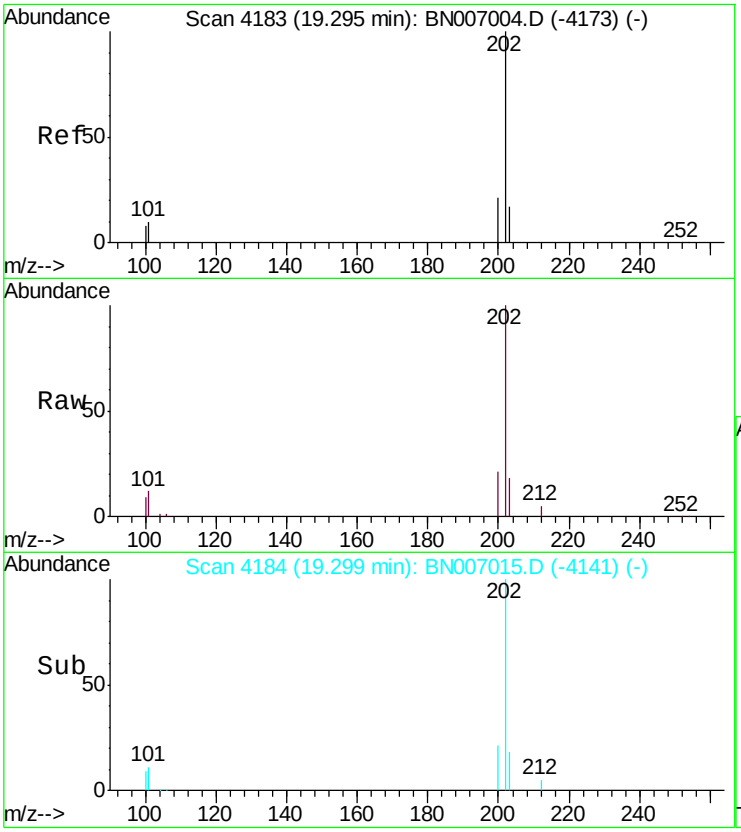


#15
Fluoranthene
Concen: 2.627 ng/ul m
RT: 18.93 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:202 Resp: 570142

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.0
100	7.6	0.0	27.7





#17
Pyrene
Concen: 3.227 ng/ul
RT: 19.30 min Scan# 4184
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:202 Resp: 527360

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.3	13.9
100	9.3	7.3	10.9

Instrument :
BNA_N
ClientSampleId :
BEP33

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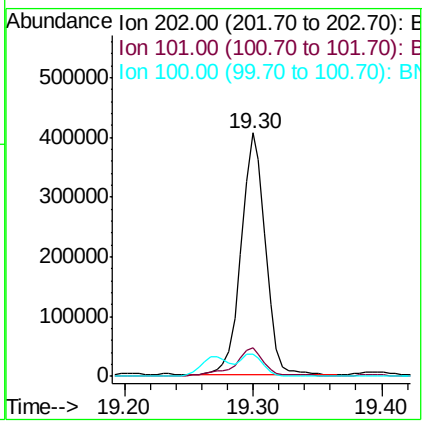
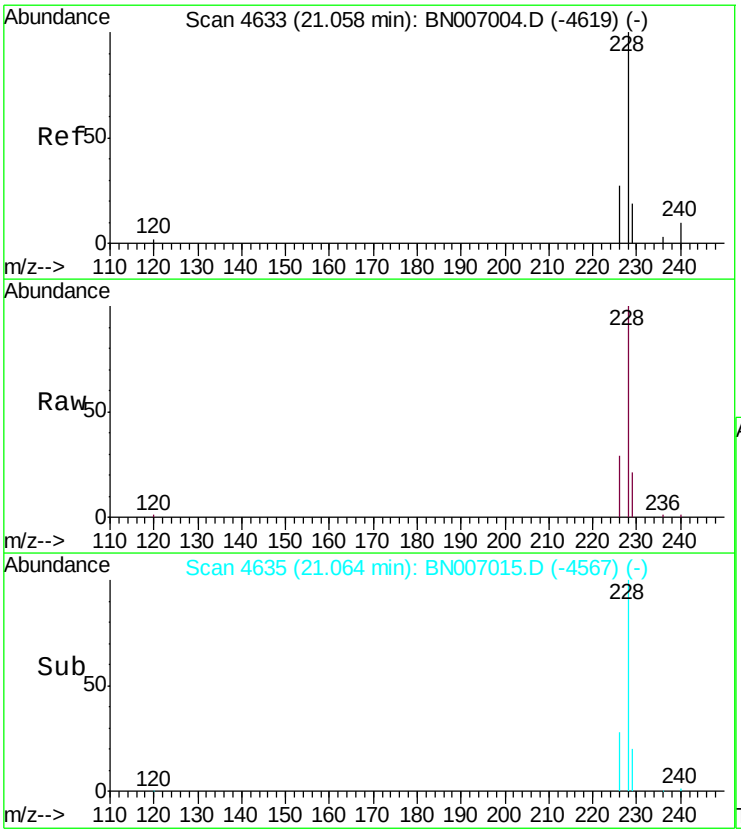
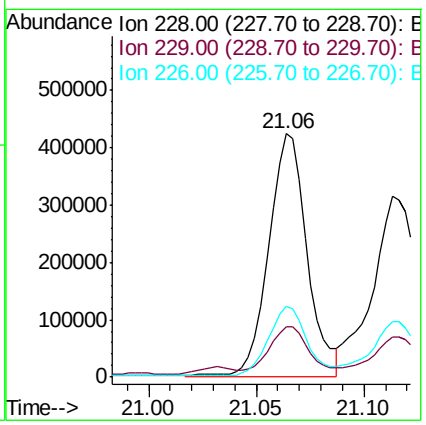


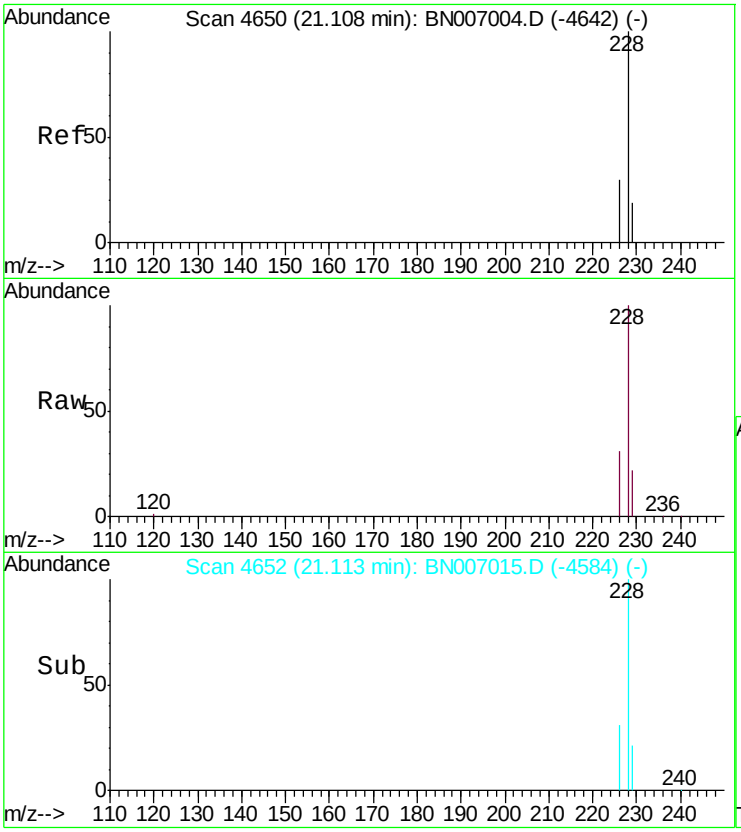


#18
Benzo(a)anthracene
Concen: 3.282 ng/ul m
RT: 21.06 min Scan# 4635
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:228 Resp: 527819

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	28.9	22.2	33.4





#19
Chrysene
Concen: 2.984 ng/ul
RT: 21.11 min Scan# 4652
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:228 Resp: 449407

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	22.0	15.5	23.3

Instrument :
BNA_N
ClientSampleId :
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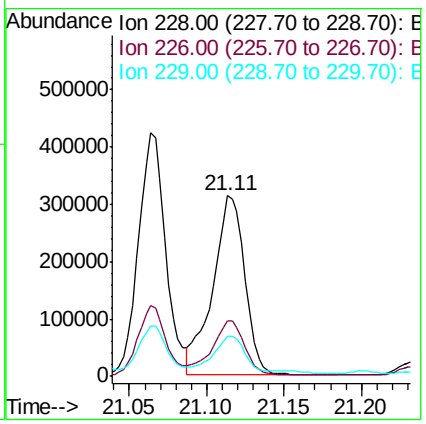
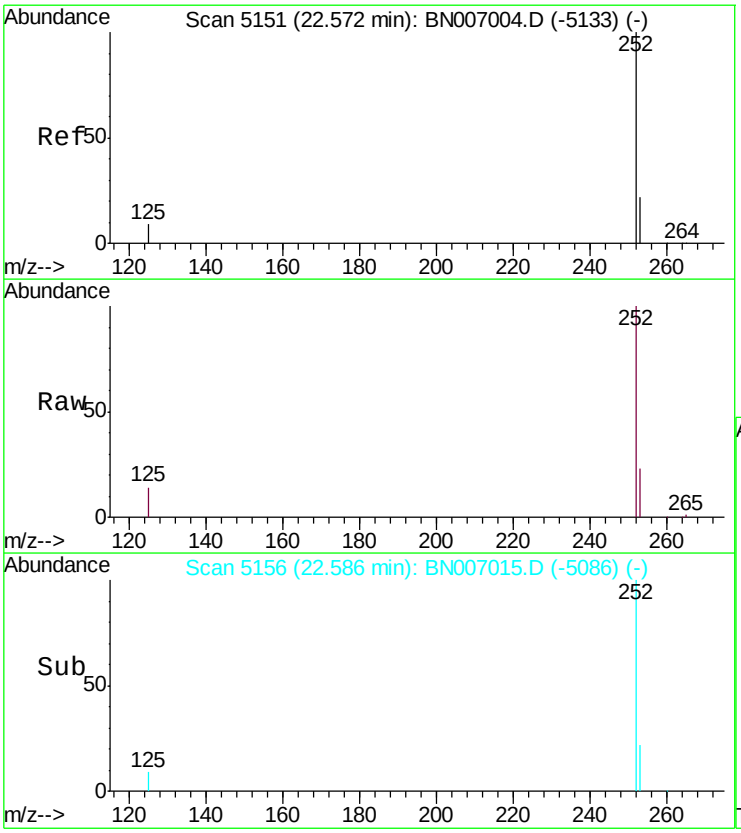
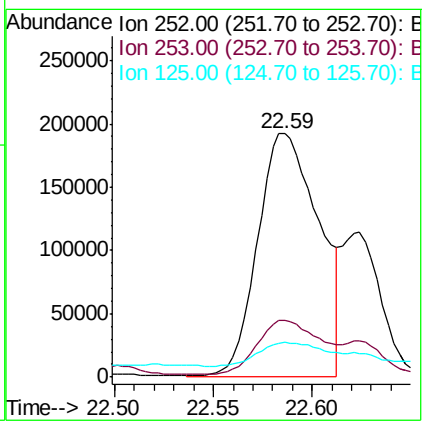


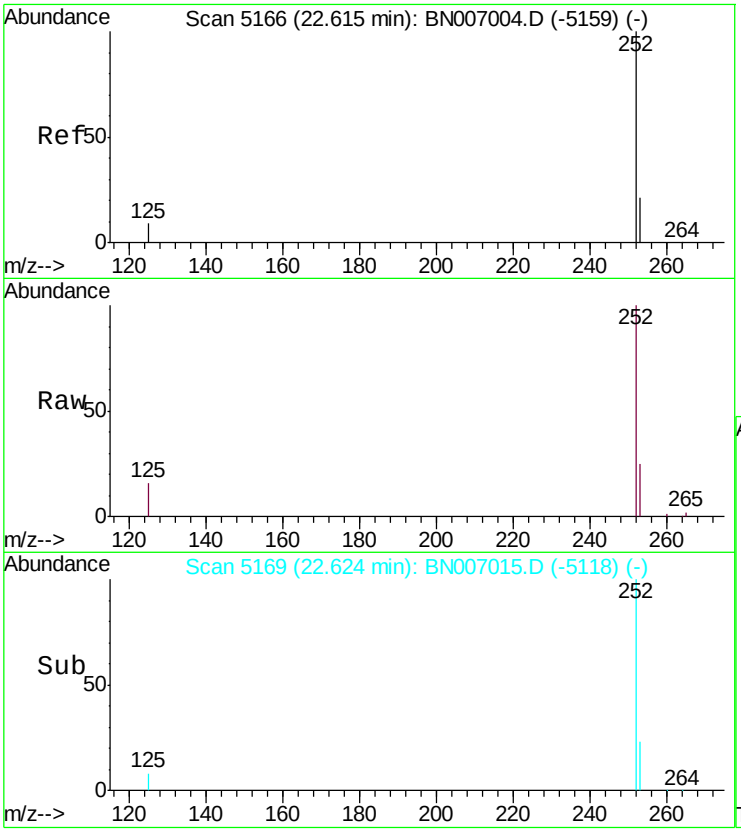


#21
Benzo(b)fluoranthene
Concen: 3.483 ng/ul m
RT: 22.59 min Scan# 5156
Delta R.T. 0.01 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:252 Resp: 418625

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	45.2
125	14.1	0.0	22.2





#22
Benzo(k)fluoranthene
Concen: 1.355 ng/ul m
RT: 22.62 min Scan# 5169
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:252 Resp: 157816

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.6	28.0
125	16.3	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
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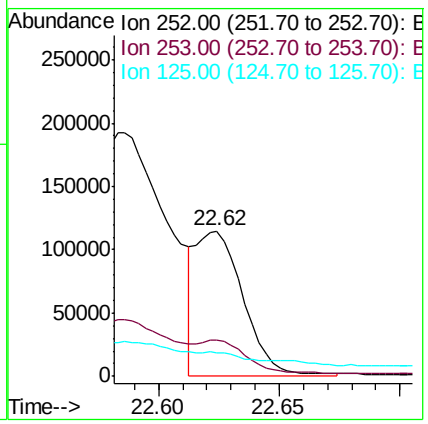
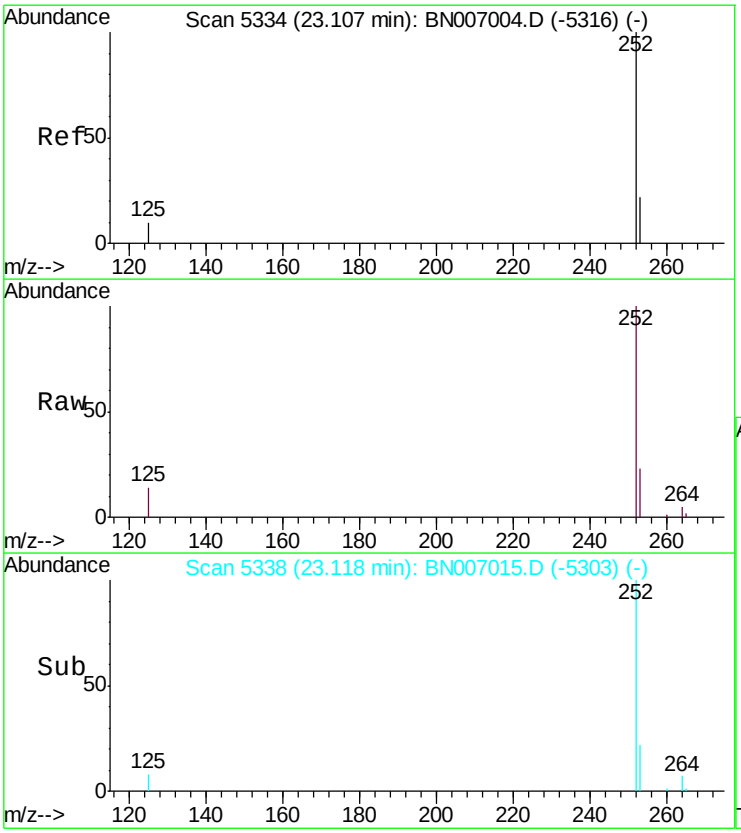
8/9/2019 6:16:20 AM

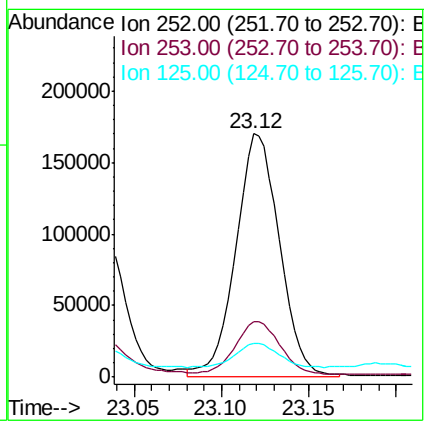


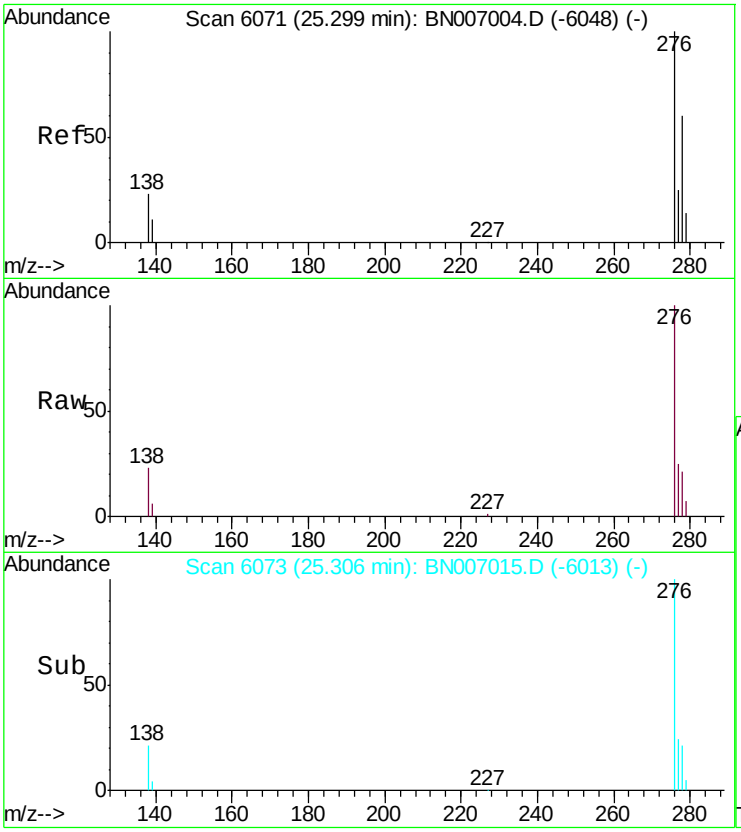


#23
Benzo(a)pyrene
Concen: 2.619 ng/ul m
RT: 23.12 min Scan# 5338
Delta R.T. 0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:252 Resp: 296383

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	14.1	10.0	15.0





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.233 ng/ul m
RT: 25.31 min Scan# 6073
Delta R.T. -0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:276 Resp: 150355

Ion	Ratio	Lower	Upper
276	100		
138	2.9	19.9	29.9#
227	0.0	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
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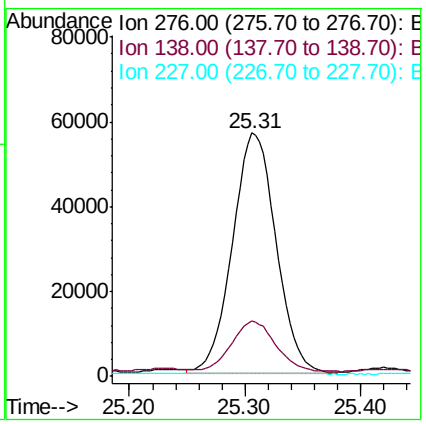
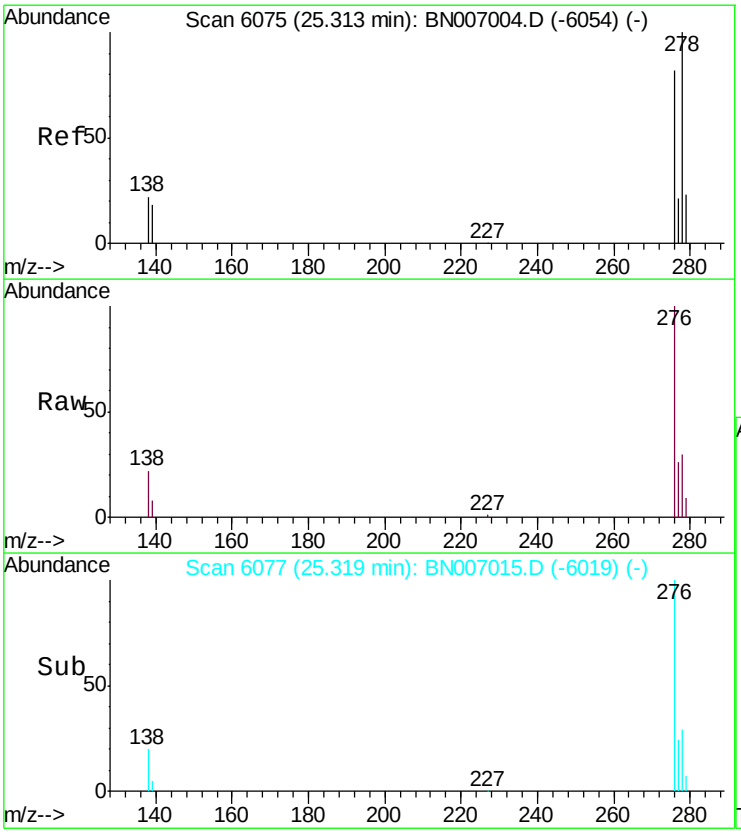
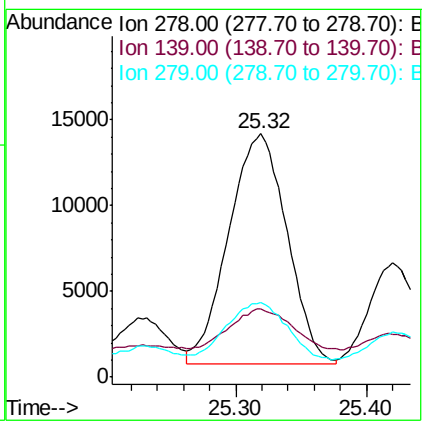


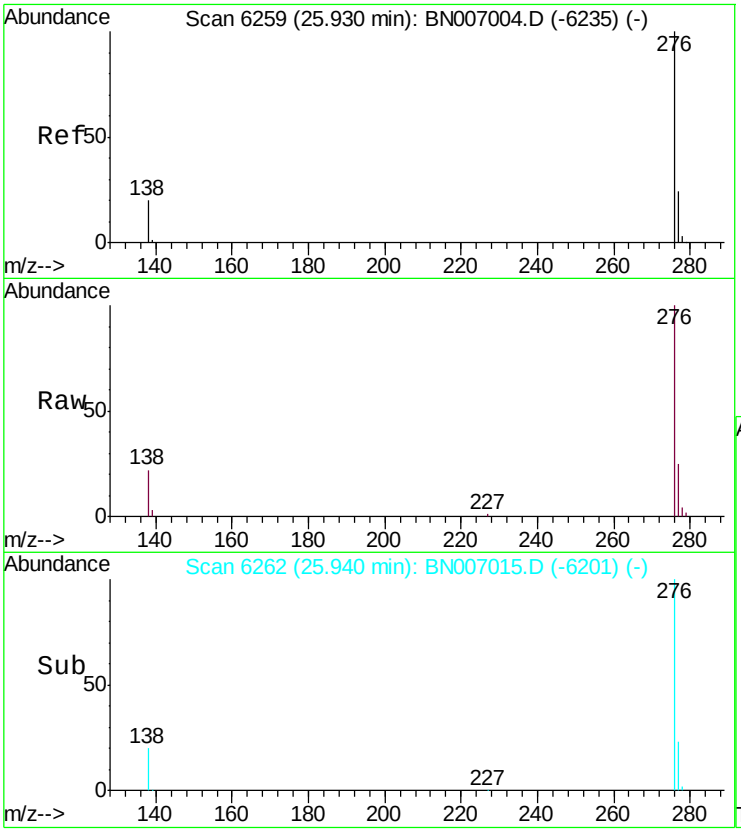


#25
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul m
RT: 25.32 min Scan# 6077
Delta R.T. -0.01 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:278 Resp: 41437

Ion	Ratio	Lower	Upper
278	100		
139	27.8	14.3	21.5#
279	30.5	19.6	29.4#

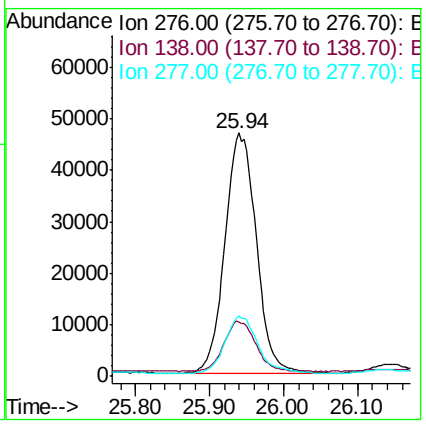




#26
Benzo(g,h,i)perylene
Concen: 1.324 ng/ul
RT: 25.94 min Scan# 6262
Delta R.T. 0.00 min
Lab File: BN007015.D
Acq: 08 Aug 2019 08:40

Tgt Ion:276 Resp: 135471

Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.7	28.1
277	24.7	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
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