Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006998.D
Acq On : 07 Aug 2019 21:34
Operator : HP/JU
Sample : K3893-13DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 08 05:32:05 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 : BEP17DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8100	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33102	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	20839	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	51886	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	39111	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	33728	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1574	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	4482	0.03	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.83	152	3121	0.026	ng/ul#	88
8) Acenaphthene	14.18	153	2146	0.026	ng/ul	97
9) Fluorene	15.17	166	2925	0.029	ng/ul#	94
12) Phenanthrene	16.90	178	63377	0.383	ng/ul	99
13) Anthracene	16.99	178	13126	0.078	ng/ul#	91
15) Fluoranthene	18.93	202	134236	0.653	ng/ul	99
17) Pyrene	19.29	202	110983	0.636	ng/ul	98
18) Benzo(a)anthracene	21.06	228	54456	0.317	ng/ul	94
19) Chrysene	21.11	228	56403	0.351	ng/ul#	94
21) Benzo(b)fluoranthene	22.58	252	60833m	0.445	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	20875m	0.158	ng/ul	
23) Benzo(a)pyrene	23.11	252	36759	0.286	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.30	276	24453	0.176	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.31	278	6534	0.059	ng/ul#	61
26) Benzo(g,h,i)perylene	25.94	276	21705	0.186	ng/ul	95

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

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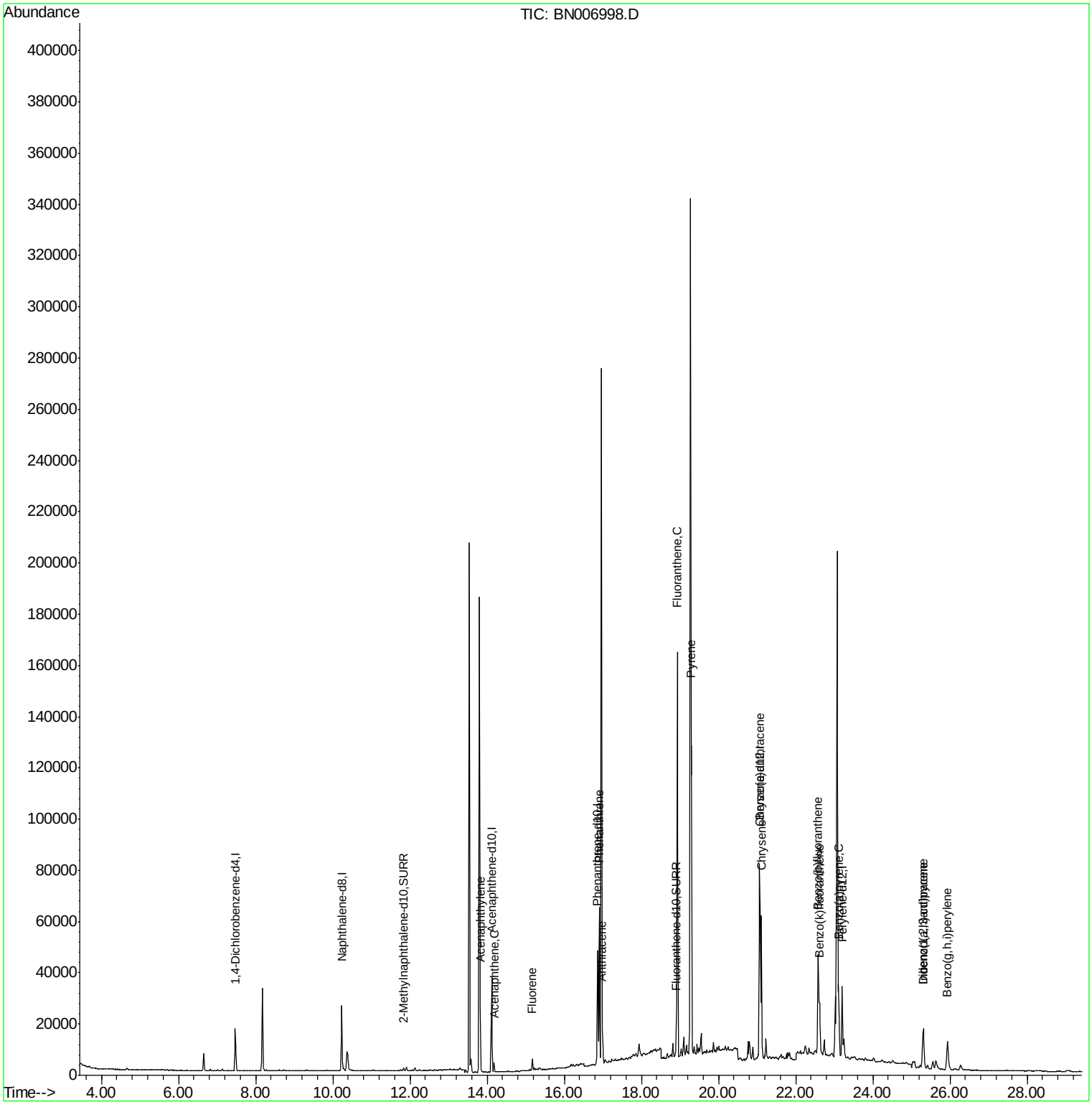

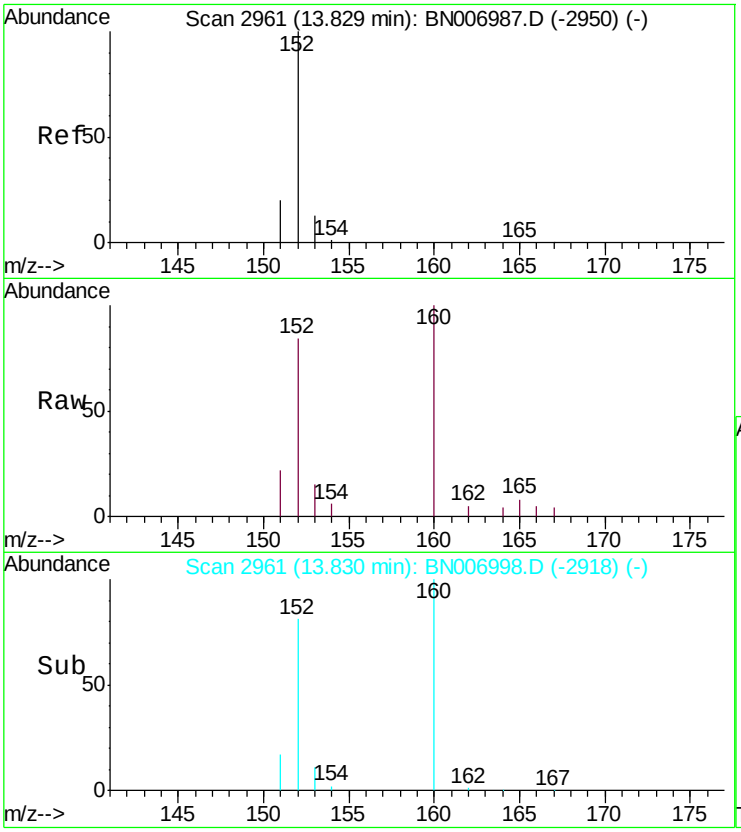

#7
Acenaphthylene
Concen: 0.026 ng/ul
RT: 13.83 min Scan# 2961
Delta R.T. 0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:152 Resp: 3121

Ion	Ratio	Lower	Upper
152	100		
151	26.1	16.3	24.5#
153	18.3	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
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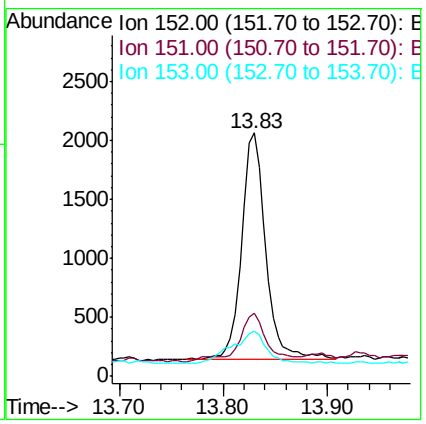
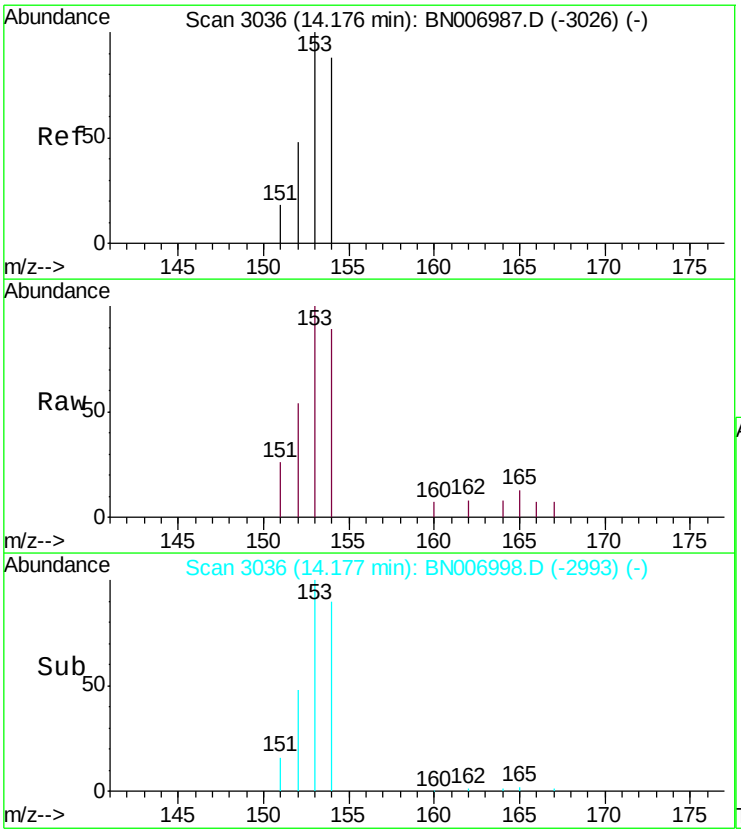
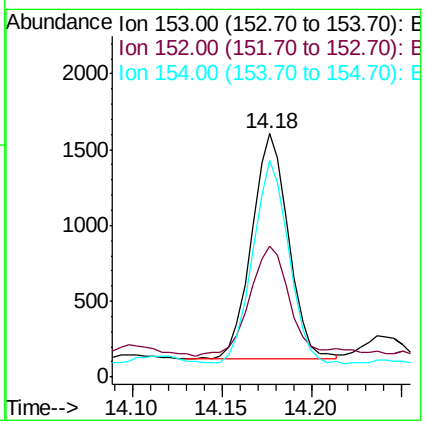


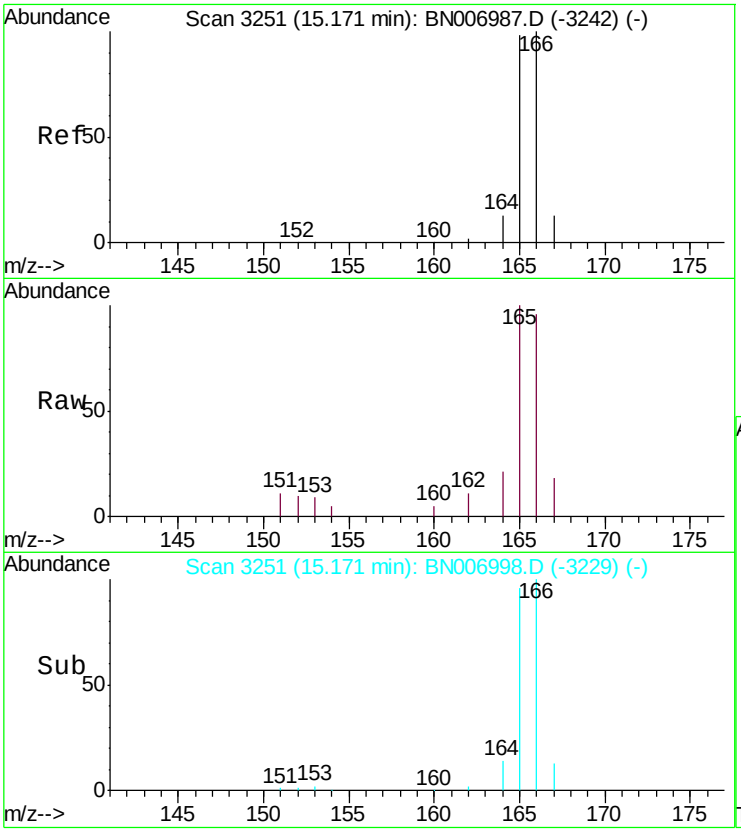


#8
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.18 min Scan# 3036
Delta R.T. 0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:153 Resp: 2146

Ion	Ratio	Lower	Upper
153	100		
152	53.8	39.4	59.2
154	88.8	70.1	105.1

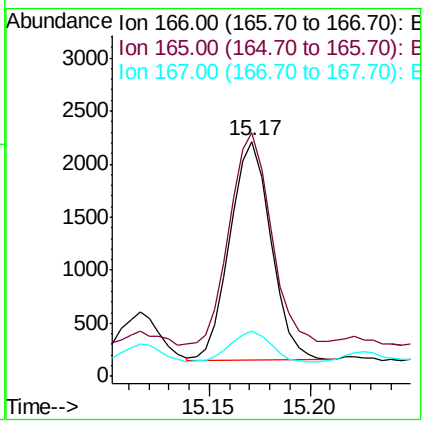




#9
Fluorene
Concen: 0.029 ng/ul
RT: 15.17 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:166 Resp: 2925

Ion	Ratio	Lower	Upper
166	100		
165	103.8	78.8	118.2
167	19.0	11.3	16.9#



Instrument :
BNA_N
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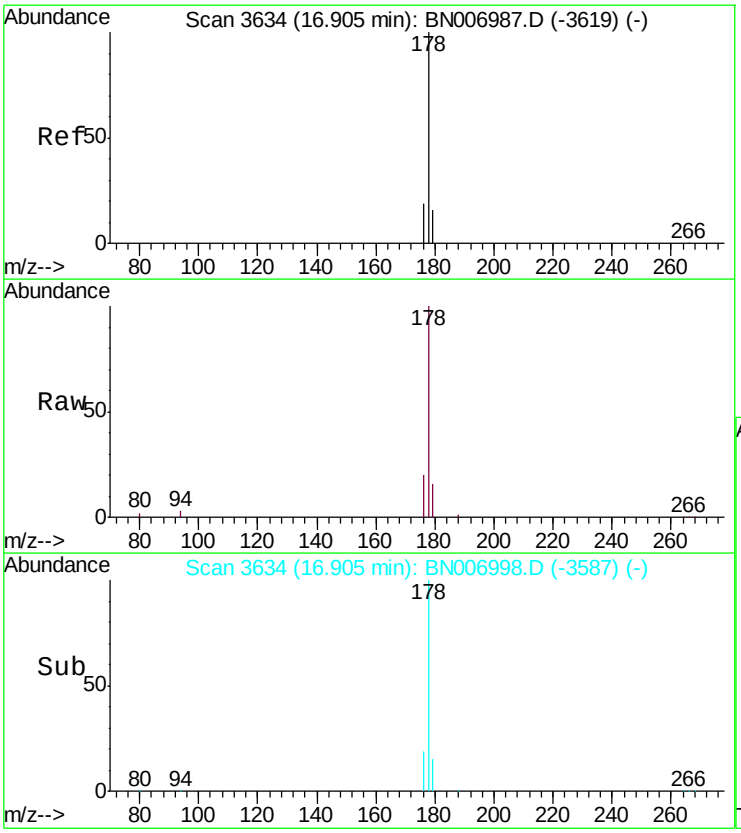
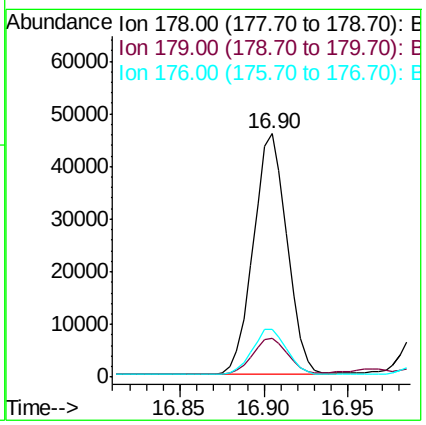
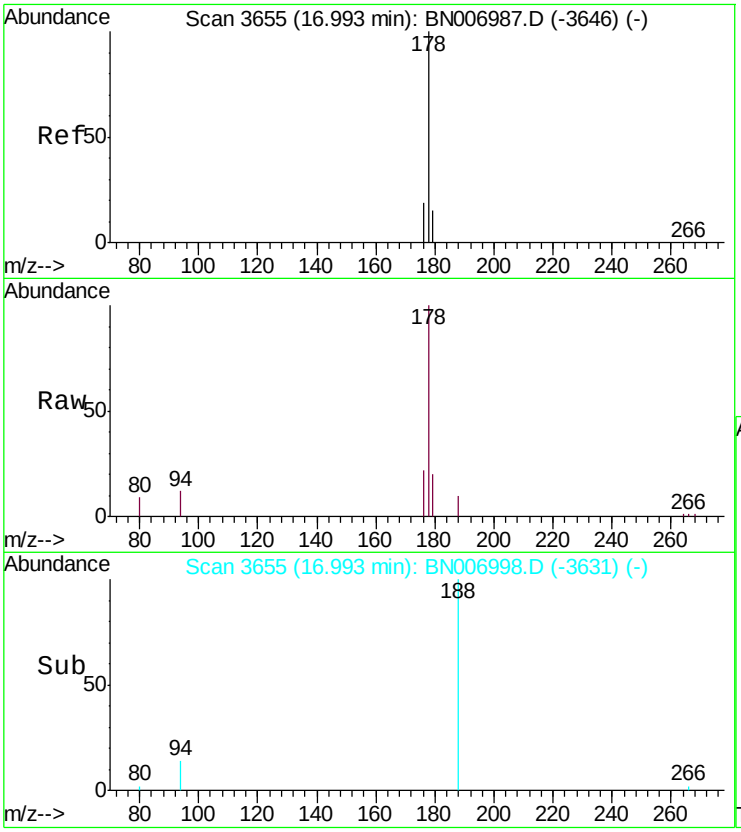


#12
Phenanthrene
Concen: 0.383 ng/ul
RT: 16.90 min Scan# 3634
Delta R.T. 0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:178 Resp: 63377

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	19.8	15.6	23.4





#13
Anthracene
Concen: 0.078 ng/ul
RT: 16.99 min Scan# 3655
Delta R.T. 0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Instrument :
BNA_N
ClientSampleId :
BEP17DL

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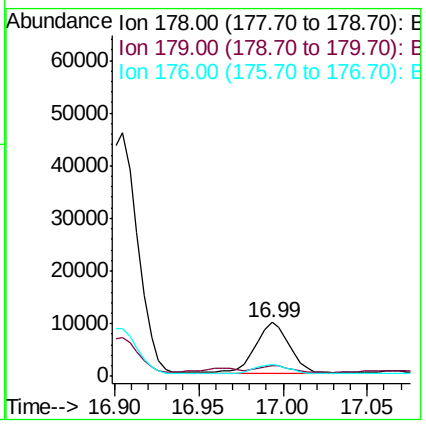
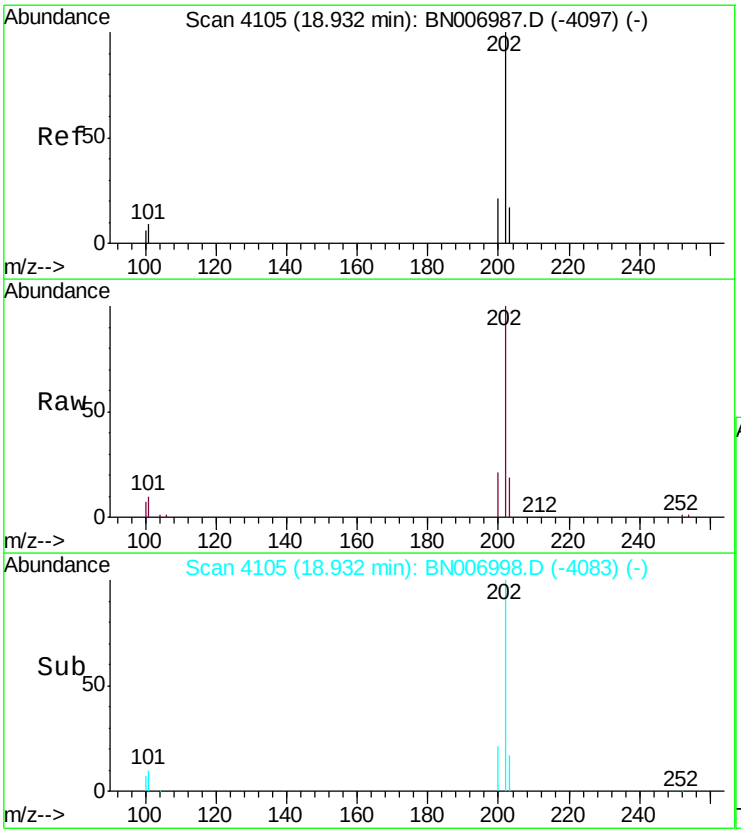
Tgt Ion:178 Resp: 13126

Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.6	18.8#
176	22.4	15.4	23.0

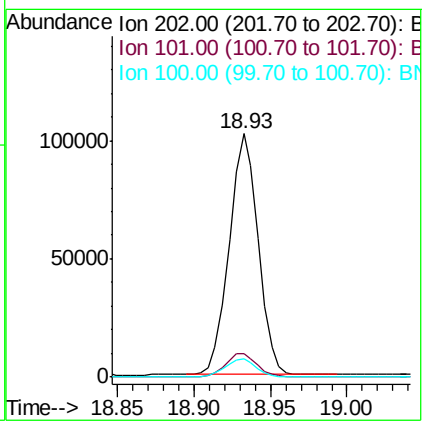


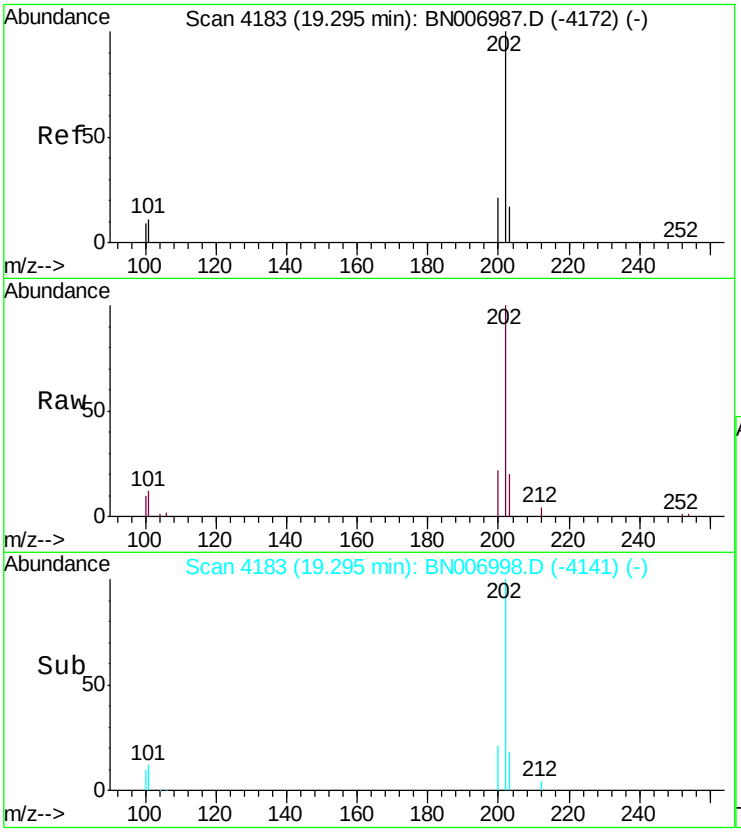


#15
Fluoranthene
Concen: 0.653 ng/ul
RT: 18.93 min Scan# 4105
Delta R.T. 0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:202 Resp: 134236

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.0
100	7.3	0.0	27.7





#17
Pyrene
Concen: 0.636 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:202 Resp: 110983

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.3	13.9
100	9.8	7.3	10.9

Instrument :
BNA_N
ClientSampleId :
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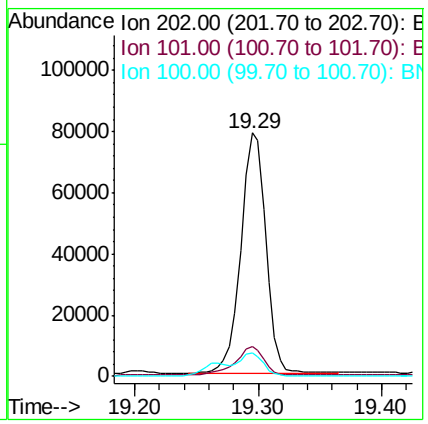
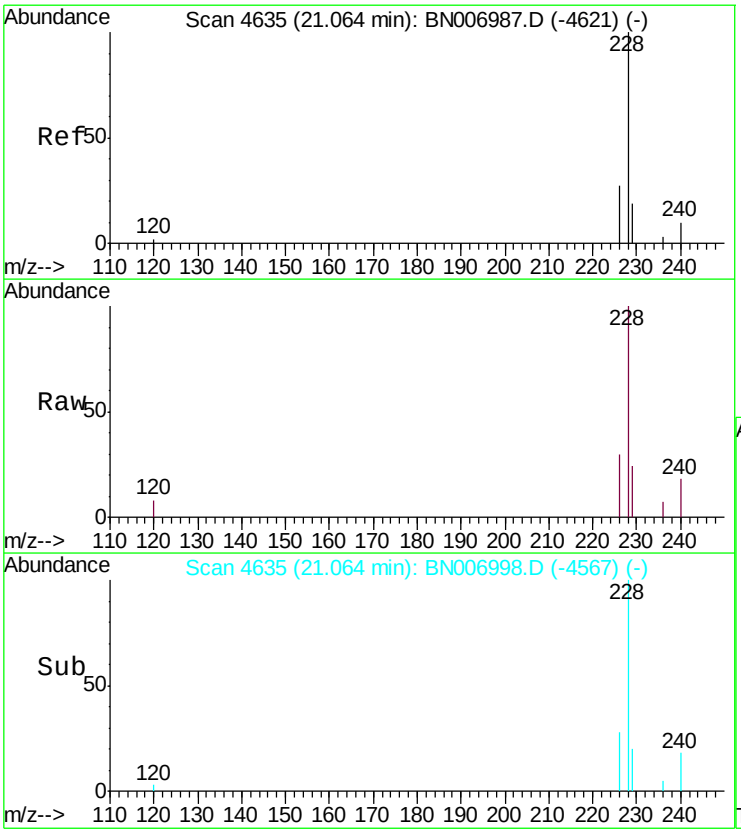
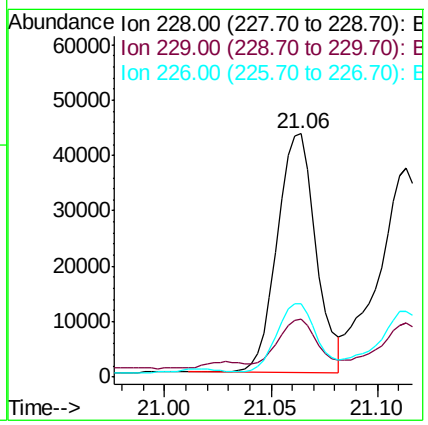


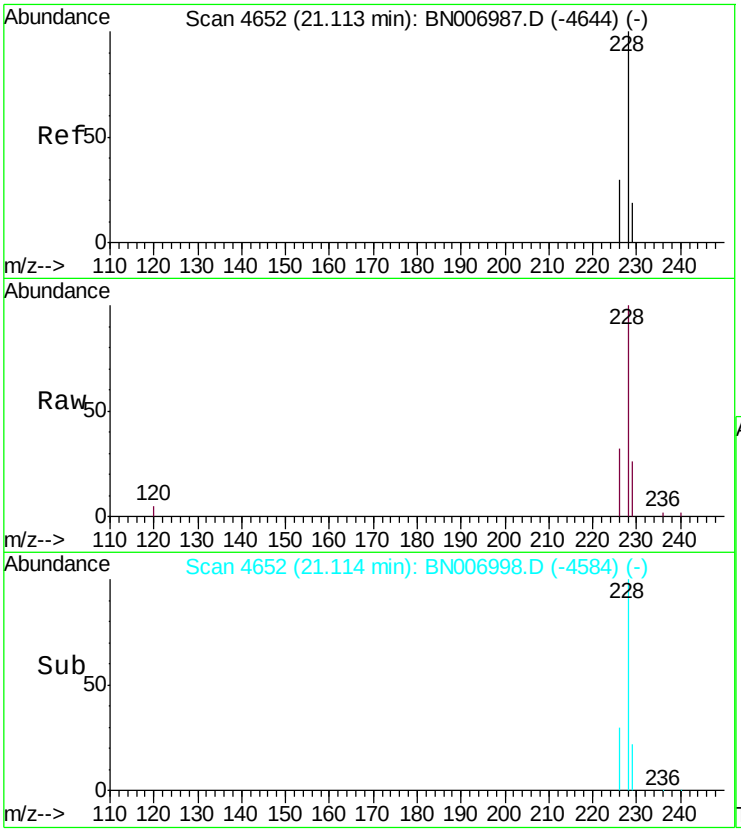


#18
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.06 min Scan# 4635
Delta R.T. 0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:228 Resp: 54456

Ion	Ratio	Lower	Upper
228	100		
229	23.9	15.9	23.9
226	30.4	22.2	33.4





#19
Chrysene
Concen: 0.351 ng/ul
RT: 21.11 min Scan# 4652
Delta R.T. 0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:228 Resp: 56403

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.7	37.1
229	25.8	15.5	23.3#

Instrument :
BNA_N
ClientSampleId :
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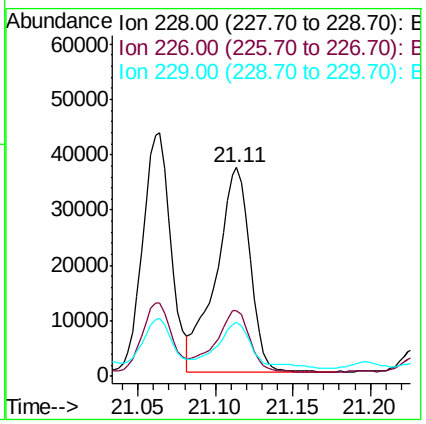
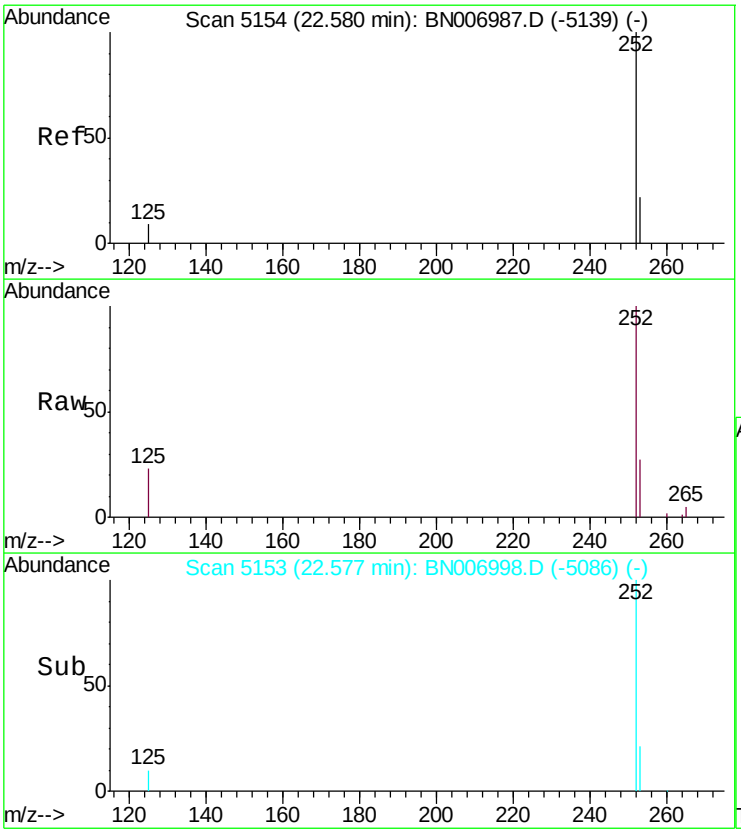
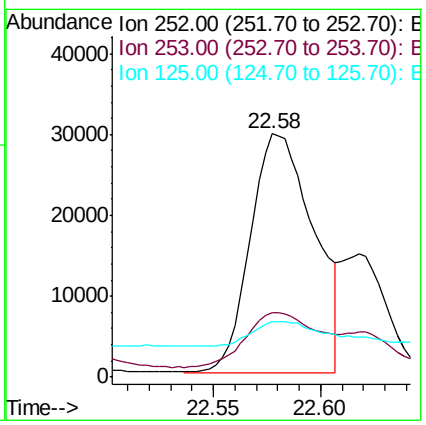


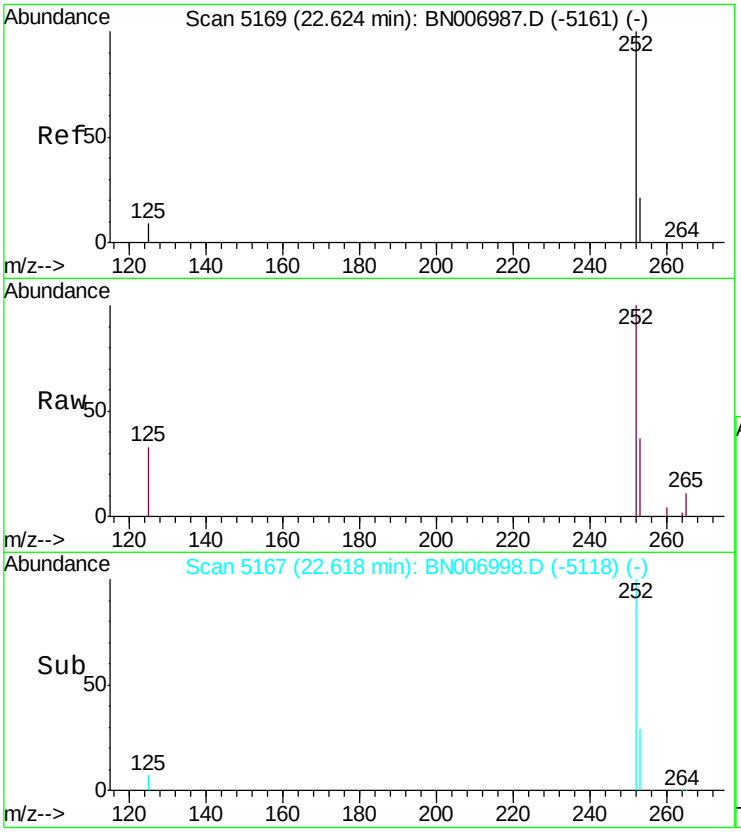


#21
Benzo(b)fluoranthene
Concen: 0.445 ng/ul m
RT: 22.58 min Scan# 5153
Delta R.T. -0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:252 Resp: 60833

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	45.2
125	22.7	0.0	22.2#





#22
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 22.62 min Scan# 5167
Delta R.T. -0.01 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:252 Resp: 20875

Ion	Ratio	Lower	Upper
252	100		
253	36.9	18.6	28.0#
125	32.6	8.7	13.1#

Instrument :
BNA_N
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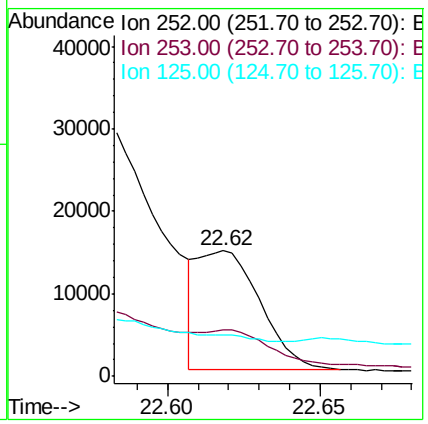
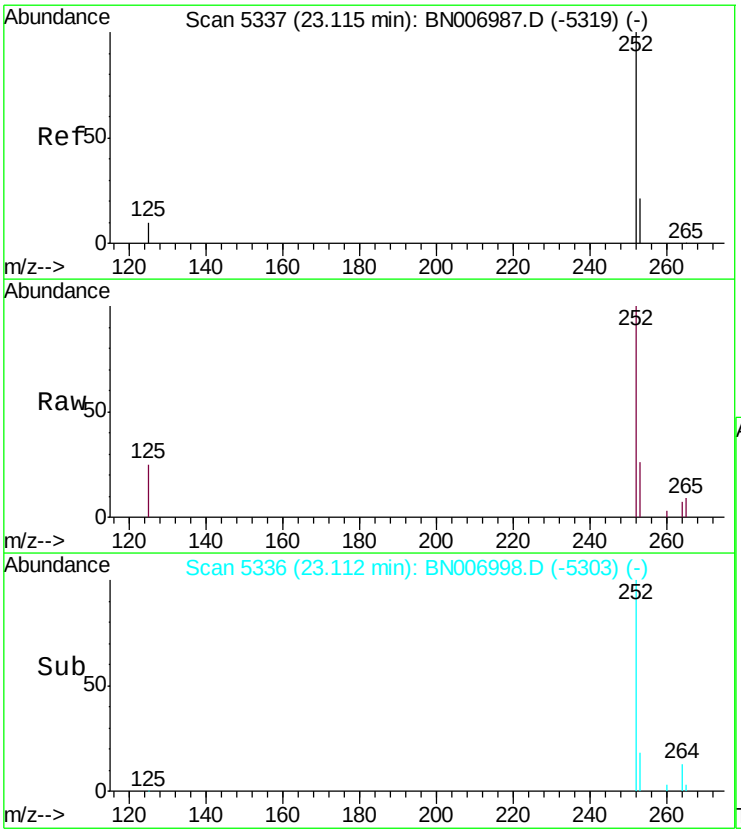
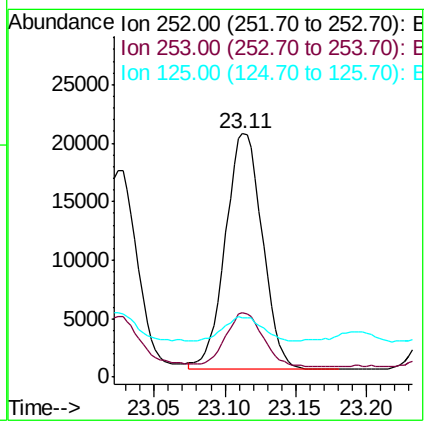


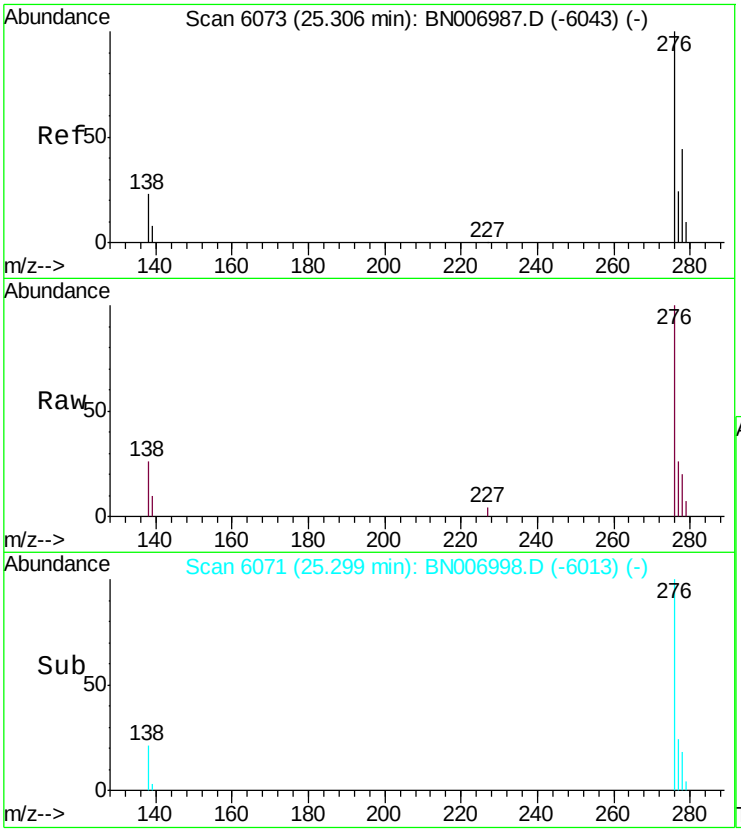


#23
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 23.11 min Scan# 5336
Delta R.T. -0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:252 Resp: 36759

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.0	27.0
125	24.6	10.0	15.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.176 ng/ul
RT: 25.30 min Scan# 6071
Delta R.T. -0.01 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:276 Resp: 24453

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.9	29.9
227	0.0	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
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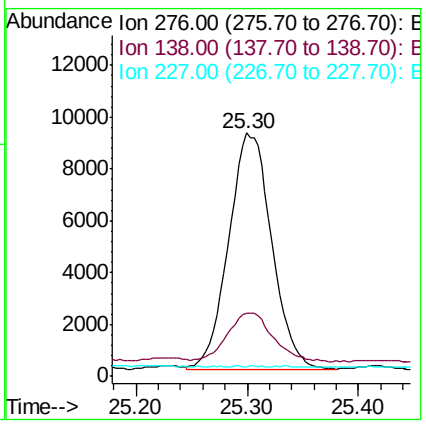
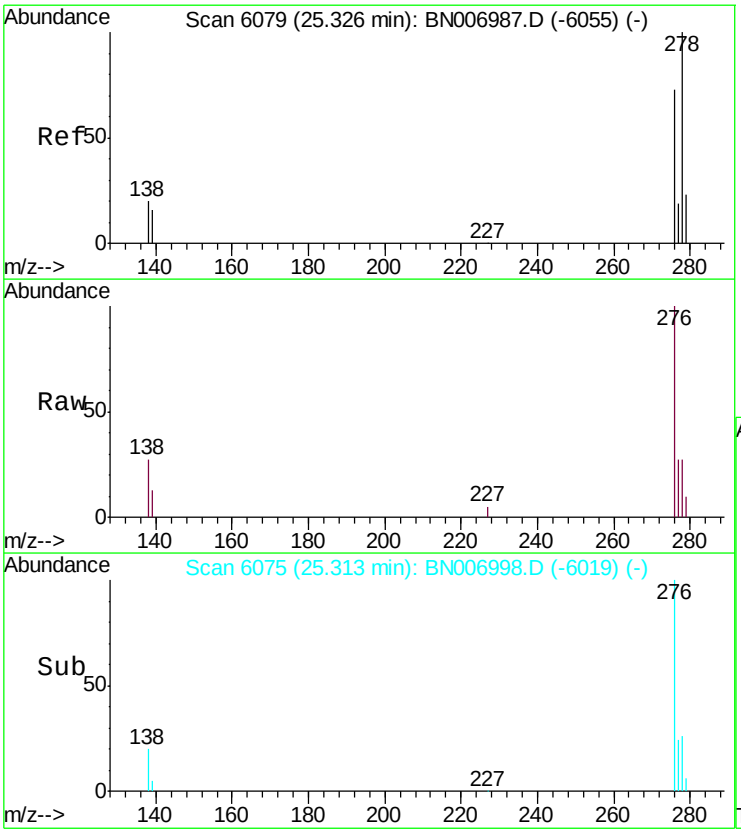
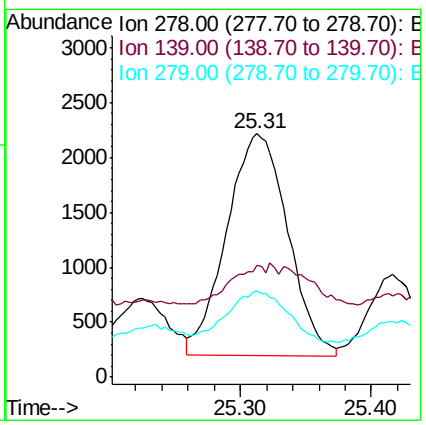


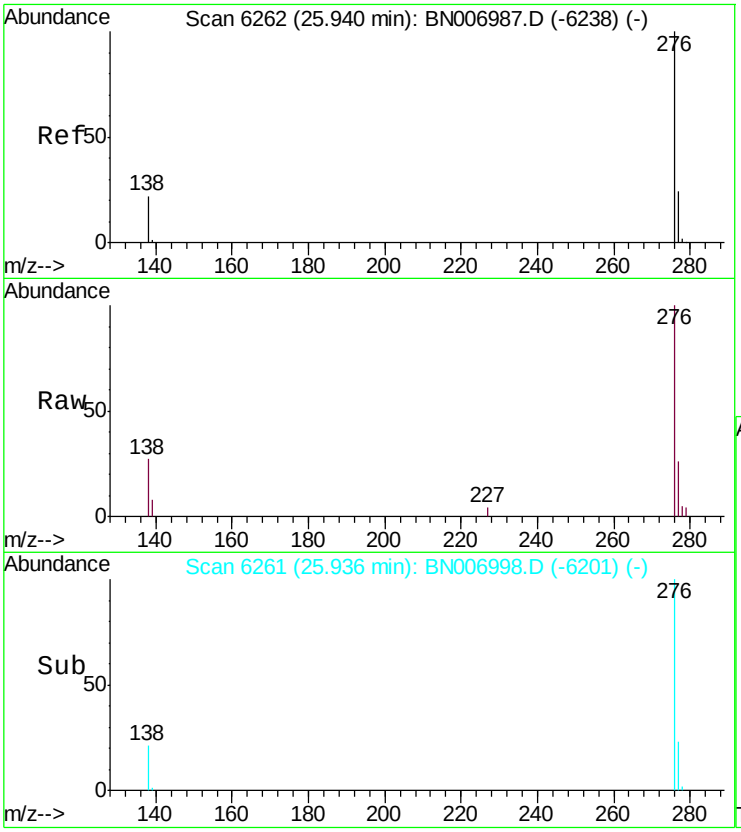


#25
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.31 min Scan# 6075
Delta R.T. -0.01 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:278 Resp: 6534

Ion	Ratio	Lower	Upper
278	100		
139	45.9	14.3	21.5#
279	35.3	19.6	29.4#

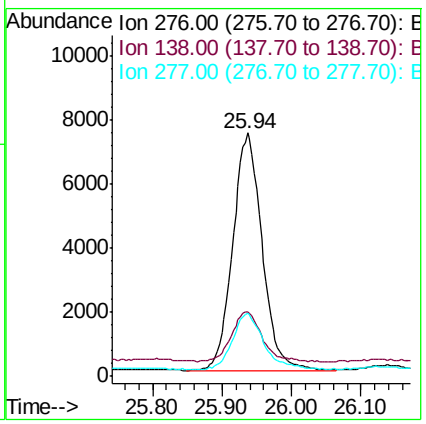




#26
Benzo(g,h,i)perylene
Concen: 0.186 ng/ul
RT: 25.94 min Scan# 6261
Delta R.T. 0.00 min
Lab File: BN006998.D
Acq: 07 Aug 2019 21:34

Tgt Ion:276 Resp: 21705

Ion	Ratio	Lower	Upper
276	100		
138	26.5	18.7	28.1
277	25.9	19.3	28.9



Instrument :
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ClientSampleId :
BEP17DL

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