Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
Data File : BN009087.D
Acq On : 23 Dec 2019 15:00
Operator : JU
Sample : K6171-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BZ2DL

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Quant Time: Dec 23 15:39:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 23:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2933	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.28	136	11137	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.16	164	6201	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	12709	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	7955	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	6972	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.88	152	639	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	1423	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.88	152	1832	0.056	ng/ul#	91
8) Acenaphthene	14.22	153	678	0.027	ng/ul	94
9) Fluorene	15.22	166	2321	0.077	ng/ul	99
12) Phenanthrene	16.95	178	33240	0.752	ng/ul	100
13) Anthracene	17.04	178	6798	0.172	ng/ul	98
15) Fluoranthene	18.98	202	63866	1.264	ng/ul	99
17) Pyrene	19.34	202	50862	1.253	ng/ul	99
18) Benzo(a)anthracene	21.10	228	18057	0.511	ng/ul	97
19) Chrysene	21.15	228	17400	0.490	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	19454m	0.598	ng/ul	
22) Benzo(k)fluoranthene	22.67	252	7921m	0.241	ng/ul	
23) Benzo(a)pyrene	23.17	252	13153	0.461	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.36	276	8399	0.270	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.36	278	1889	0.076	ng/ul#	71
26) Benzo(g,h,i)perylene	26.00	276	8096	0.309	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
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Acq On : 23 Dec 2019 15:00
Operator : JU
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Misc :
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QLast Update : Fri Dec 20 23:31:06 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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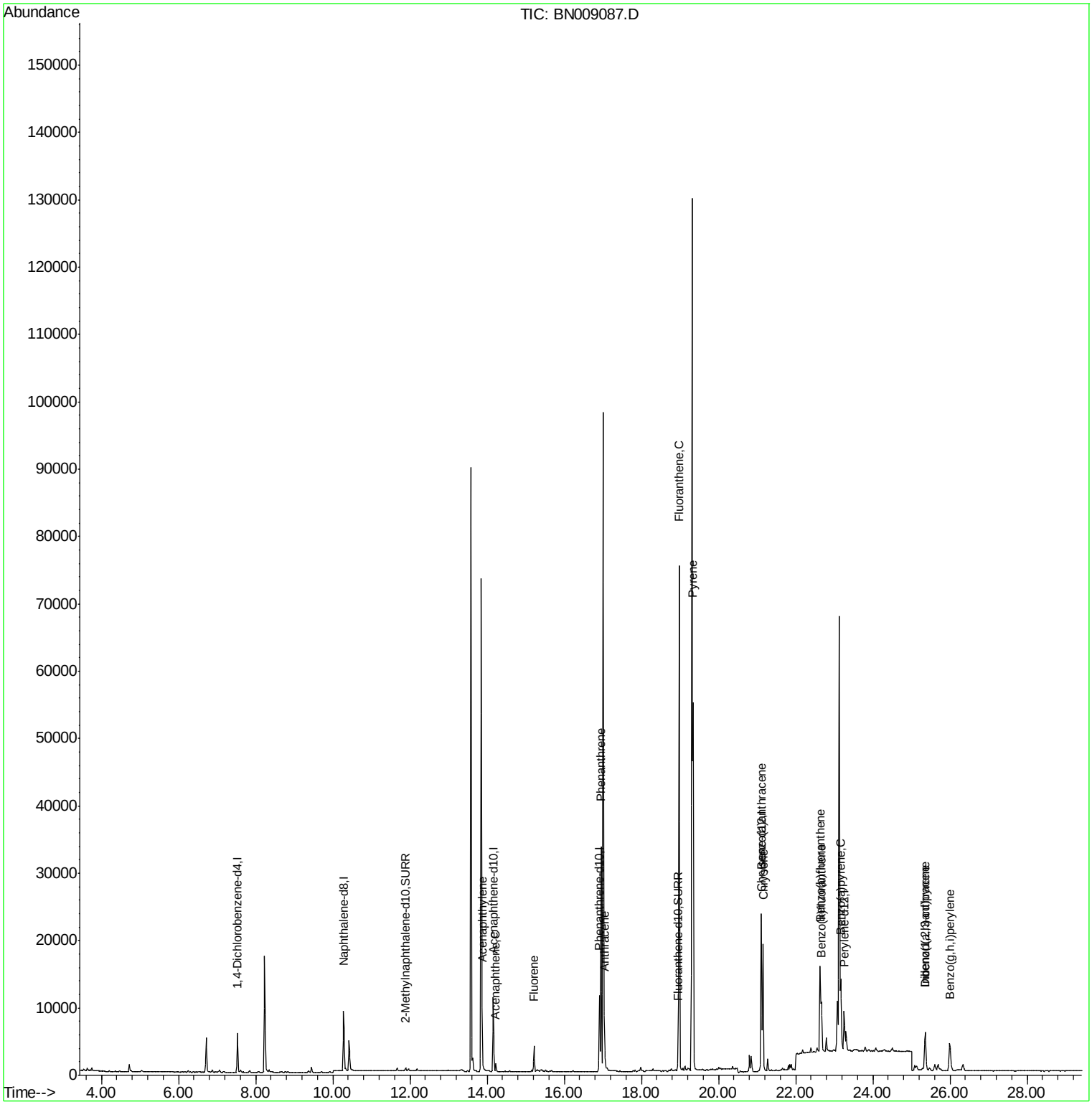
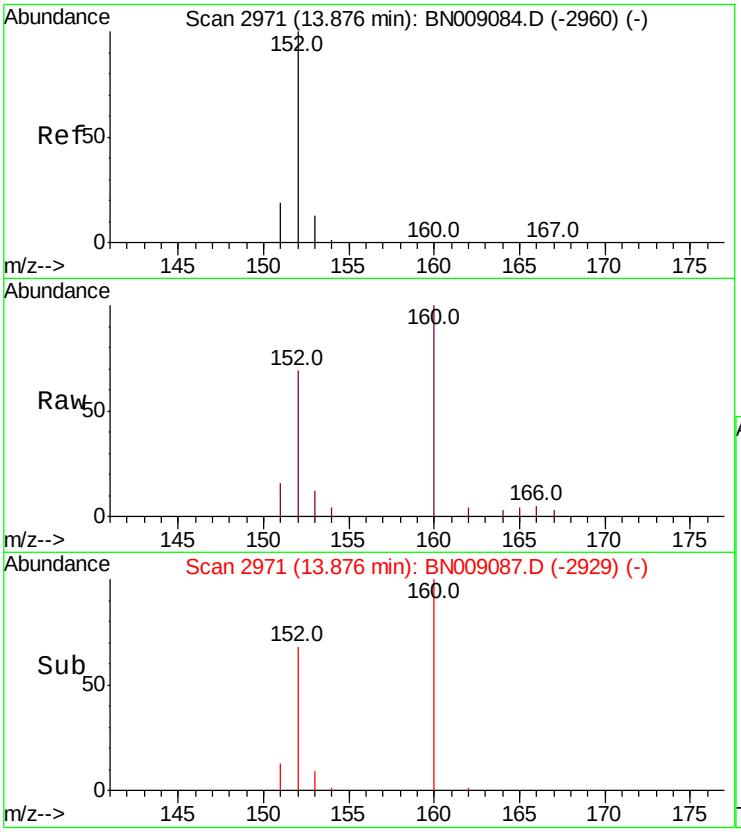
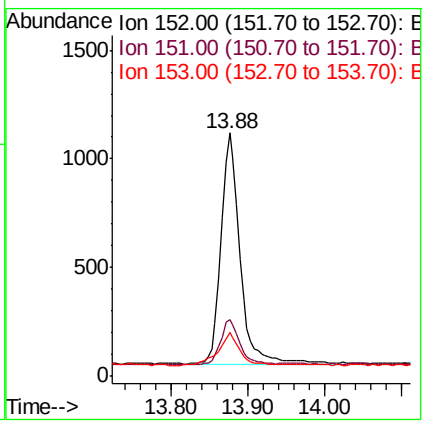




#7
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.88 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:152 Resp: 1832

Ion	Ratio	Lower	Upper
152	100		
151	23.0	15.7	23.5
153	17.8	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
C0BZ2DL

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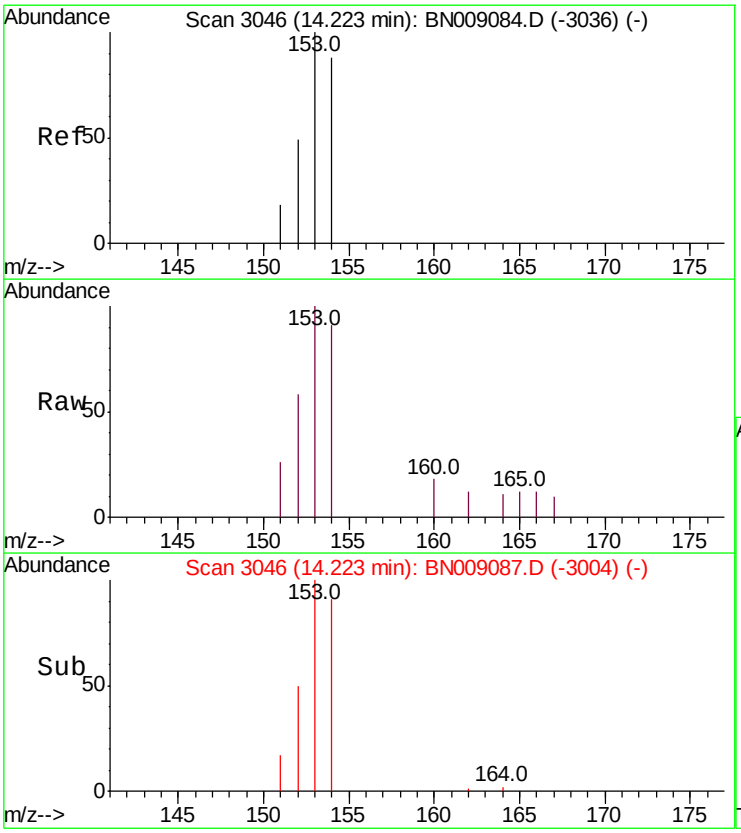
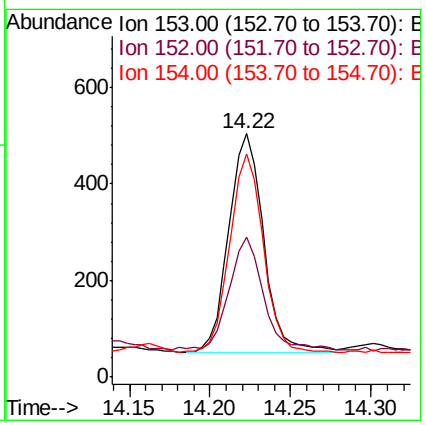
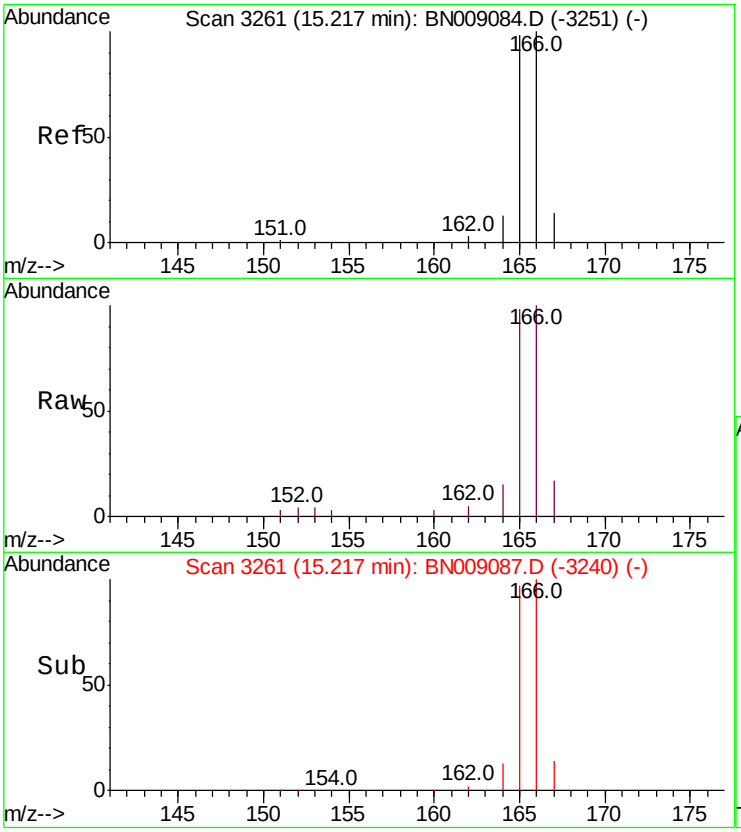


#8
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.22 min Scan# 3046
Delta R.T. -0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:153 Resp: 678

Ion	Ratio	Lower	Upper
153	100		
152	57.5	39.5	59.3
154	91.5	71.3	106.9

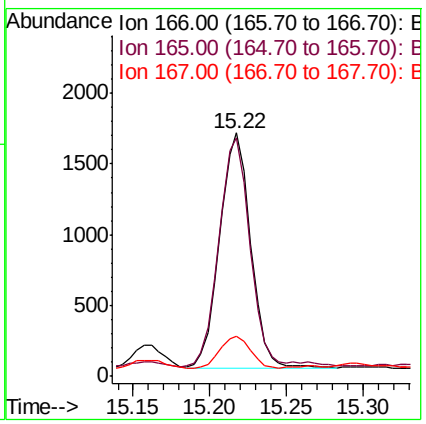




#9
Fluorene
Concen: 0.077 ng/ul
RT: 15.22 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:166 Resp: 2321

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.4
167	16.5	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
C0BZ2DL

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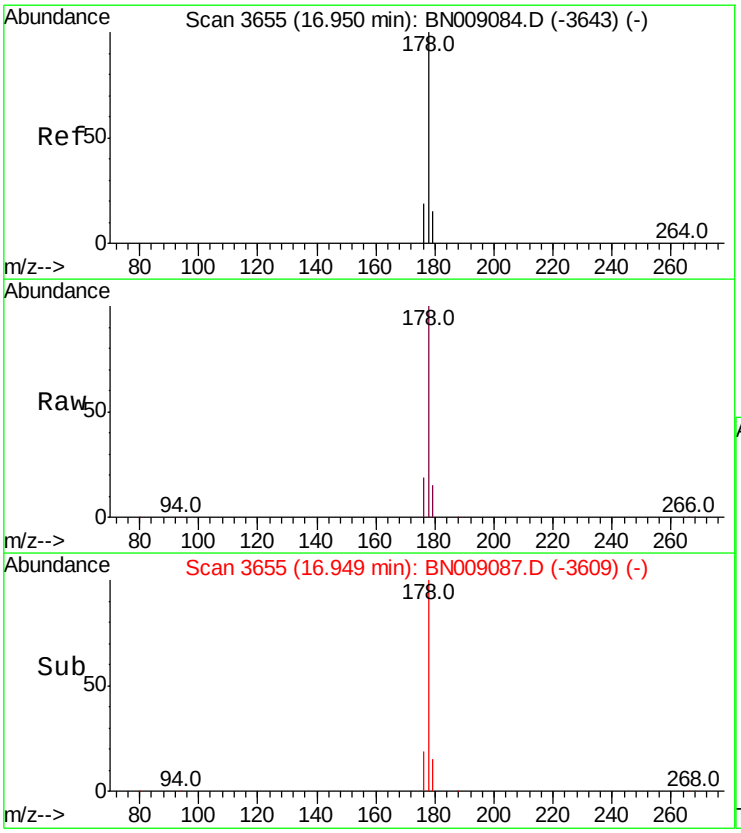
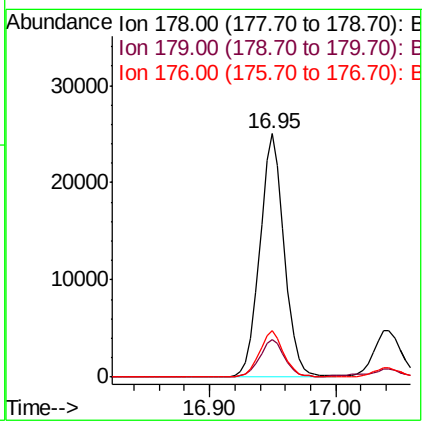
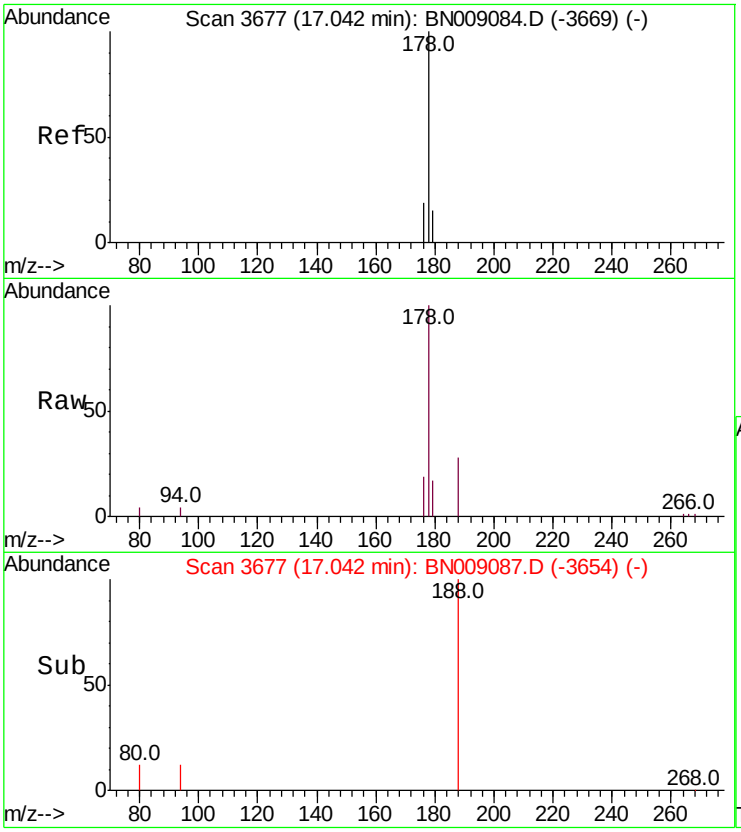


#12
Phenanthrene
Concen: 0.752 ng/ul
RT: 16.95 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:178 Resp: 33240

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.9	15.1	22.7

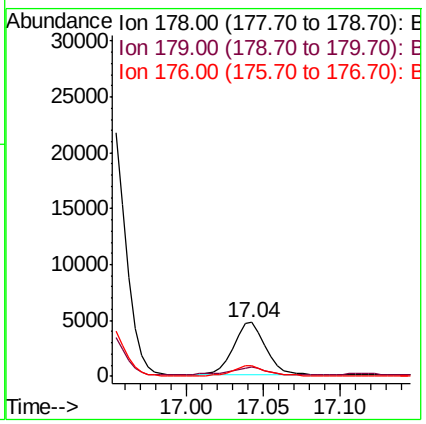




#13
Anthracene
Concen: 0.172 ng/ul
RT: 17.04 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:178 Resp: 6798

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.5	18.7
176	18.9	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0BZ2DL

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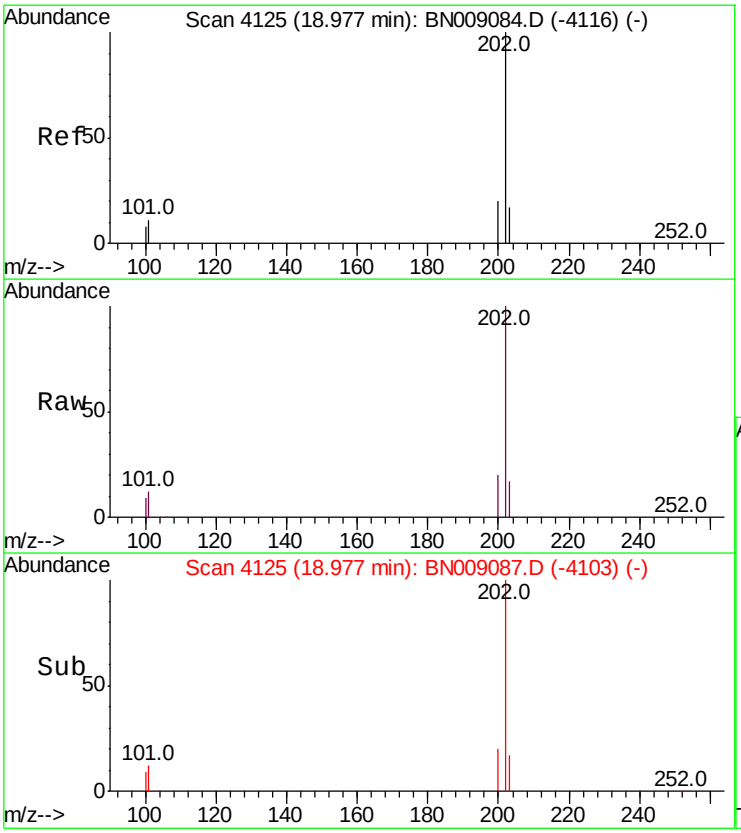
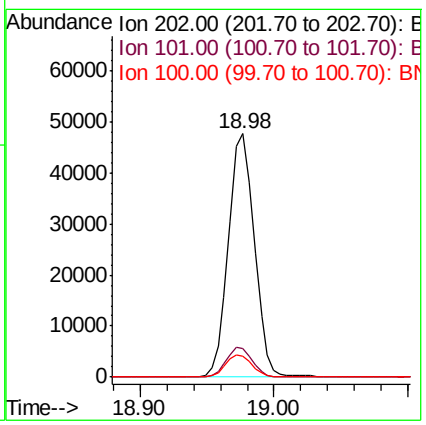
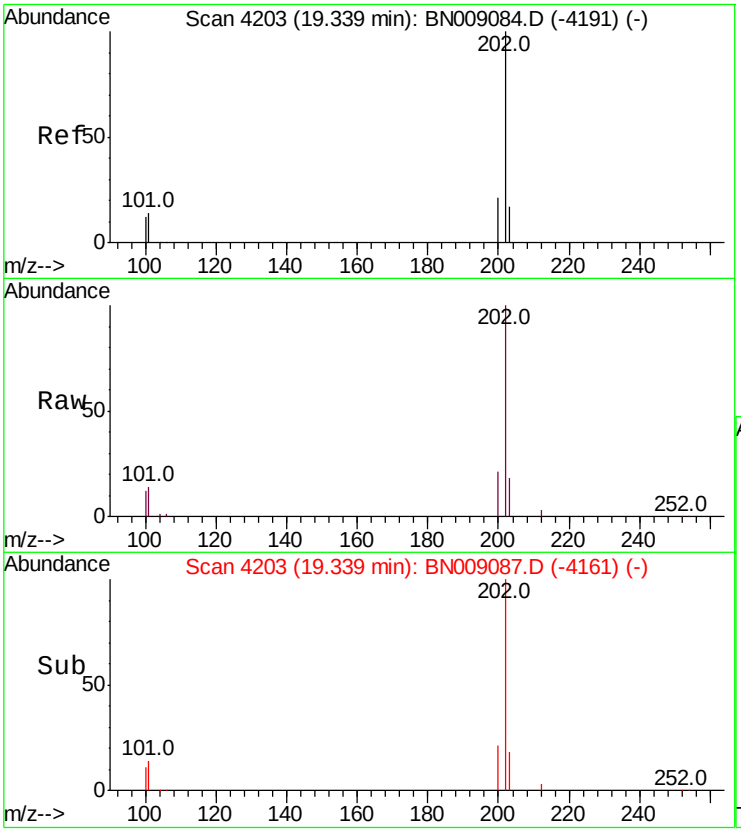


#15
Fluoranthene
Concen: 1.264 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:202 Resp: 63866

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.5
100	8.7	0.0	28.9

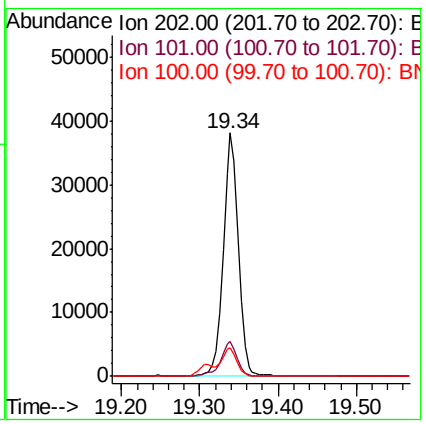




#17
Pyrene
Concen: 1.253 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:202 Resp: 50862

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.9	16.3
100	11.5	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
C0BZ2DL

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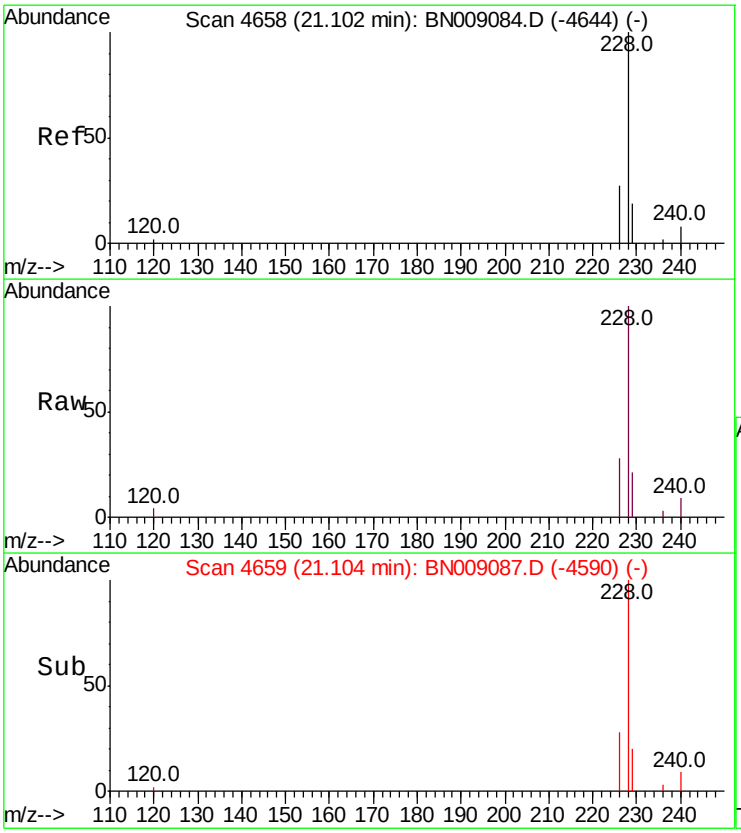
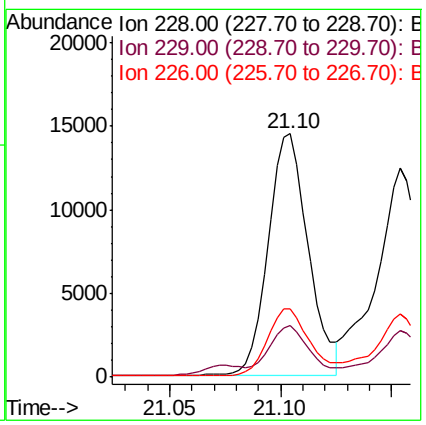
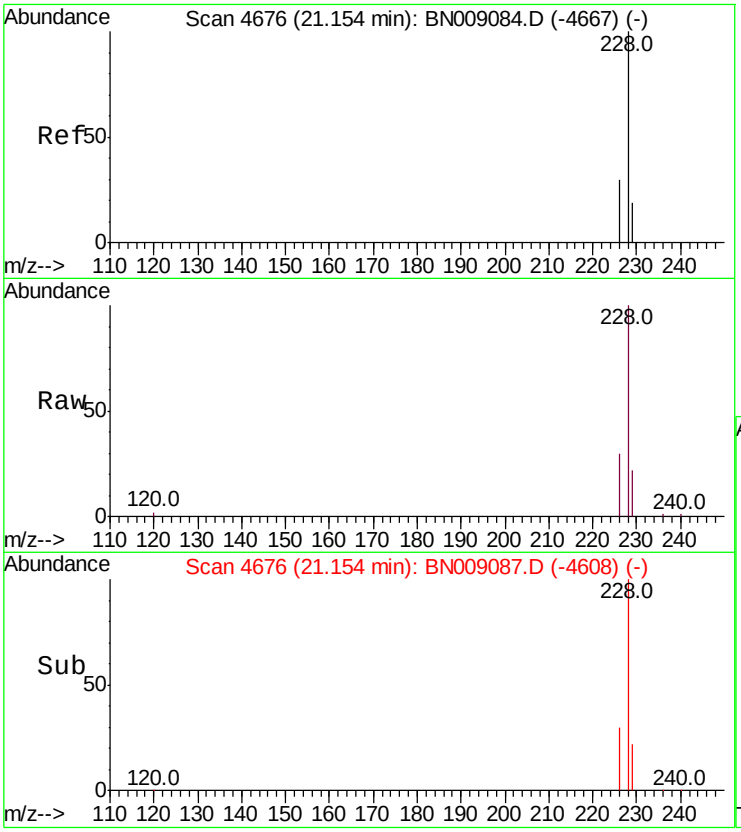


#18
Benzo(a)anthracene
Concen: 0.511 ng/ul
RT: 21.10 min Scan# 4659
Delta R.T. 0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:228 Resp: 18057

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.5	23.3
226	28.1	21.7	32.5

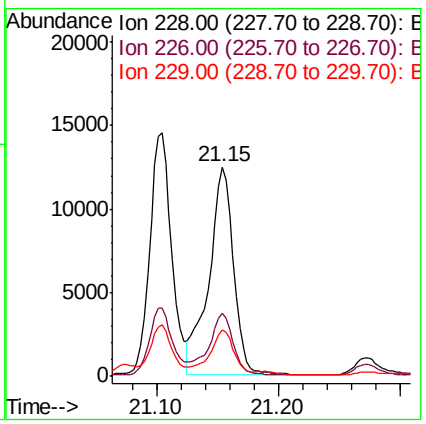




#19
Chrysene
Concen: 0.490 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:228 Resp: 17400

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	22.2	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0BZ2DL

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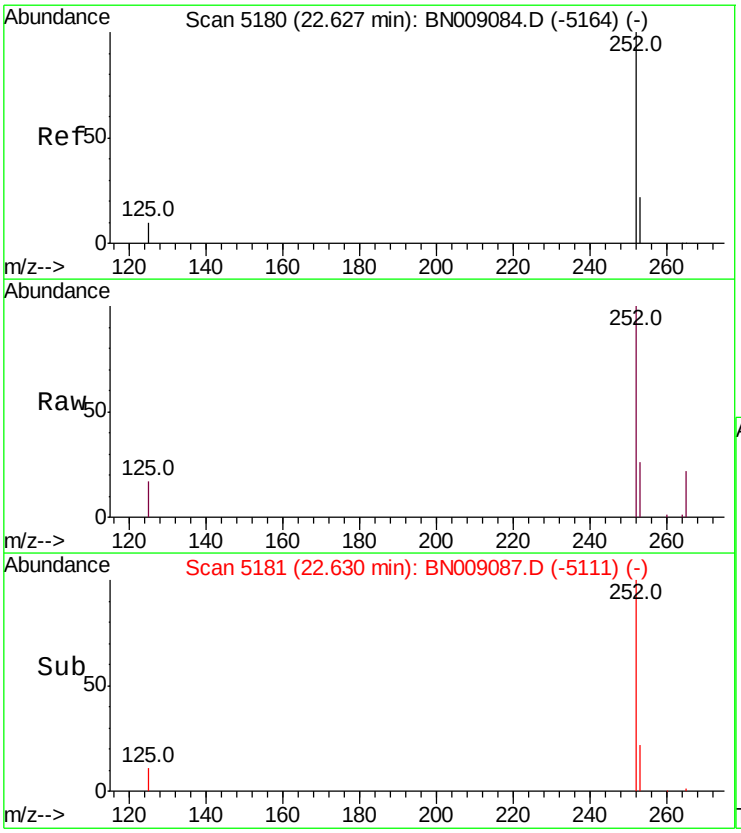
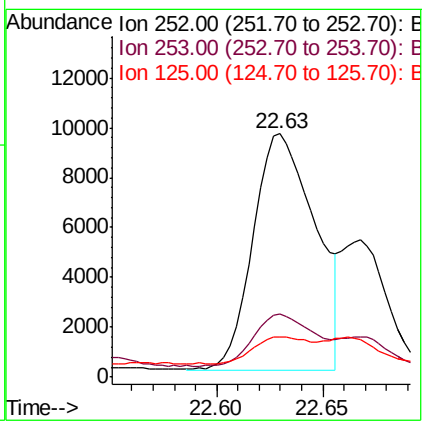
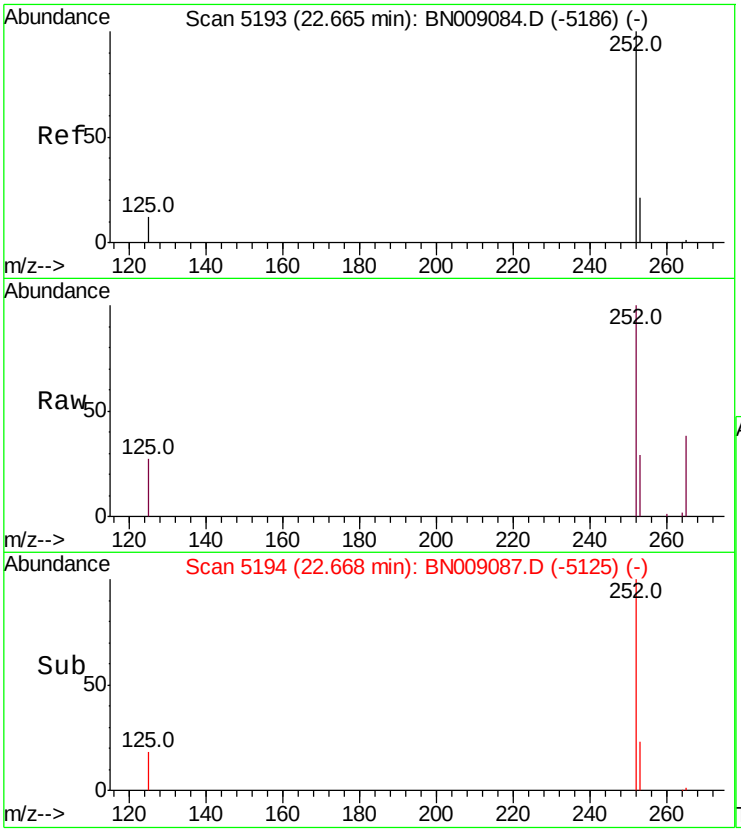


#21
Benzo(b)fluoranthene
Concen: 0.598 ng/ul m
RT: 22.63 min Scan# 5181
Delta R.T. 0.01 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:252 Resp: 19454

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	48.2
125	16.5	0.0	30.0





#22
Benzo(k)fluoranthene
Concen: 0.241 ng/ul m
RT: 22.67 min Scan# 5194
Delta R.T. 0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:252 Resp: 7921

Ion	Ratio	Lower	Upper
252	100		
253	29.4	19.4	29.0#
125	26.8	12.4	18.6#

Instrument :
BNA_N
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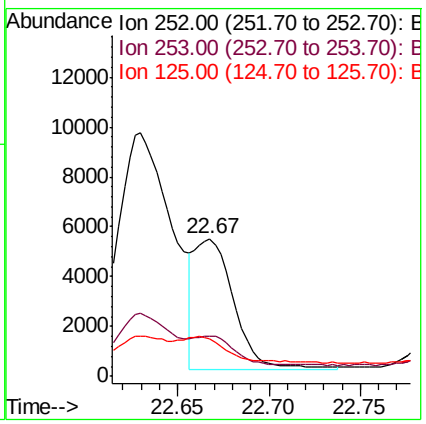
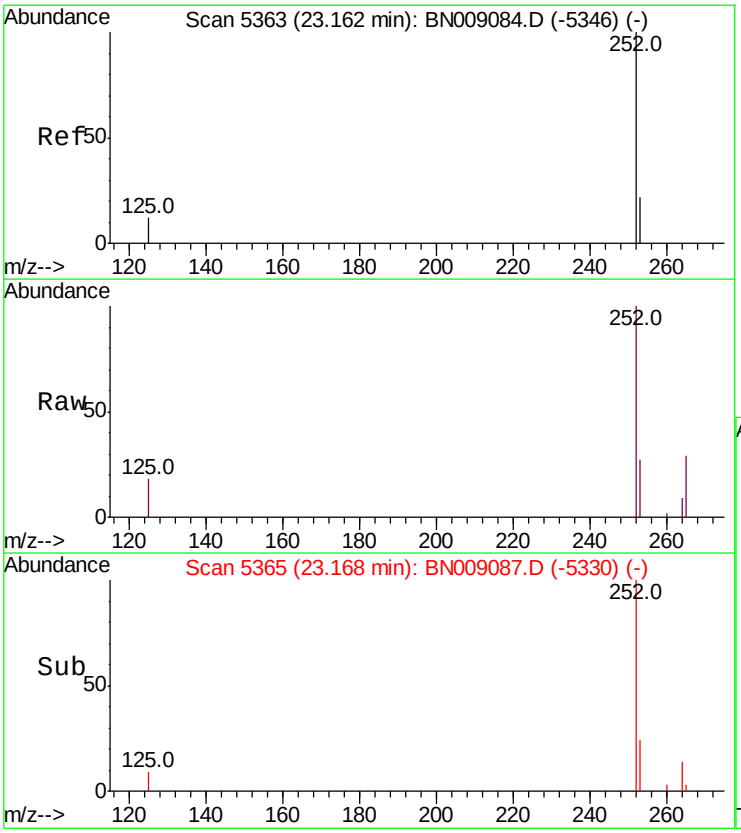
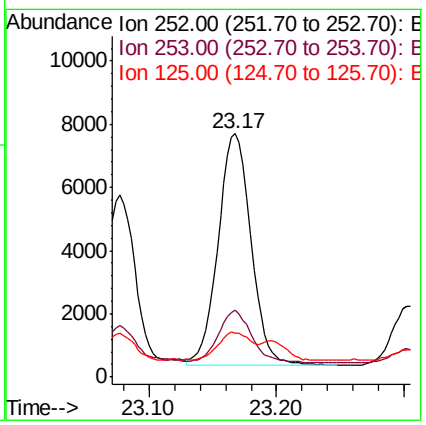


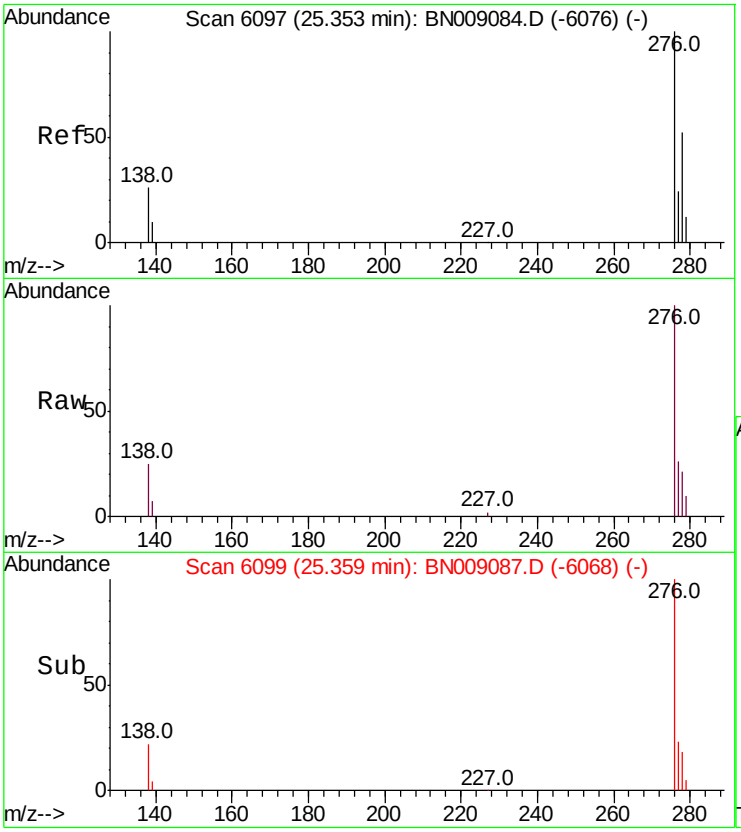


#23
Benzo(a)pyrene
Concen: 0.461 ng/ul
RT: 23.17 min Scan# 5365
Delta R.T. 0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:252 Resp: 13153

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.2	30.4
125	18.2	13.2	19.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.270 ng/ul
RT: 25.36 min Scan# 6099
Delta R.T. 0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:276 Resp: 8399

Ion	Ratio	Lower	Upper
276	100		
138	23.4	22.4	33.6
227	0.1	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
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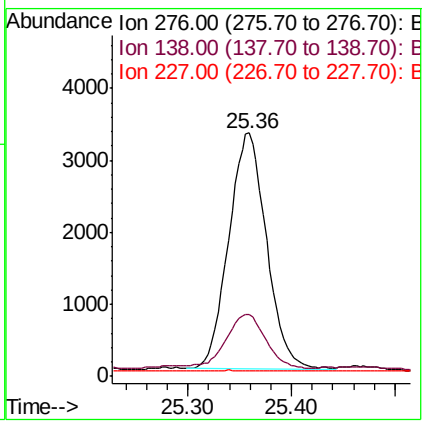
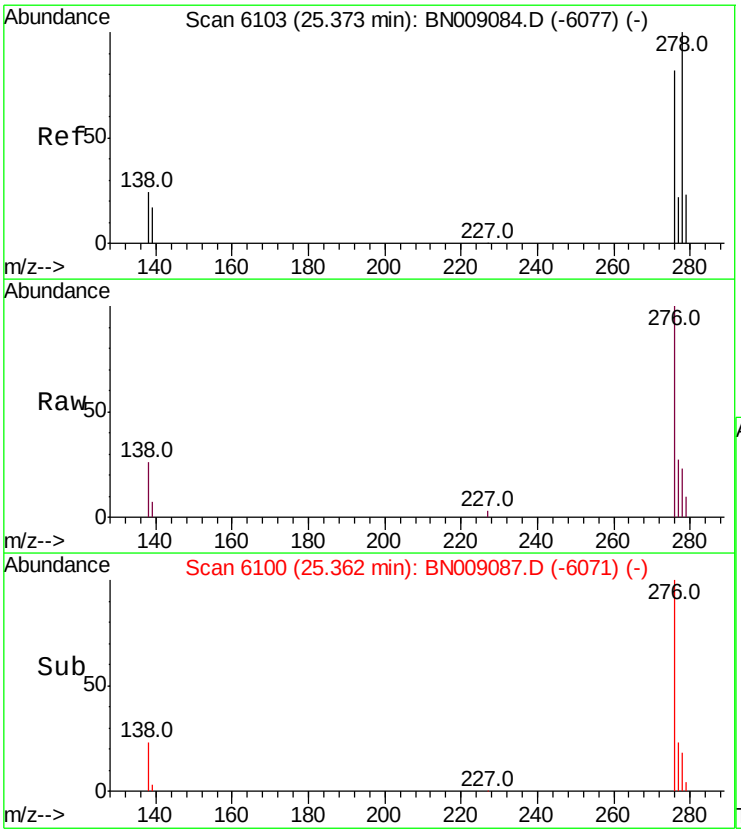
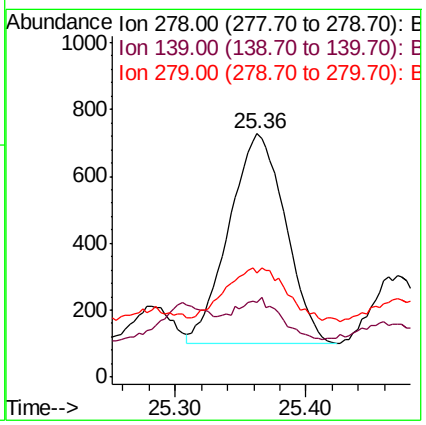


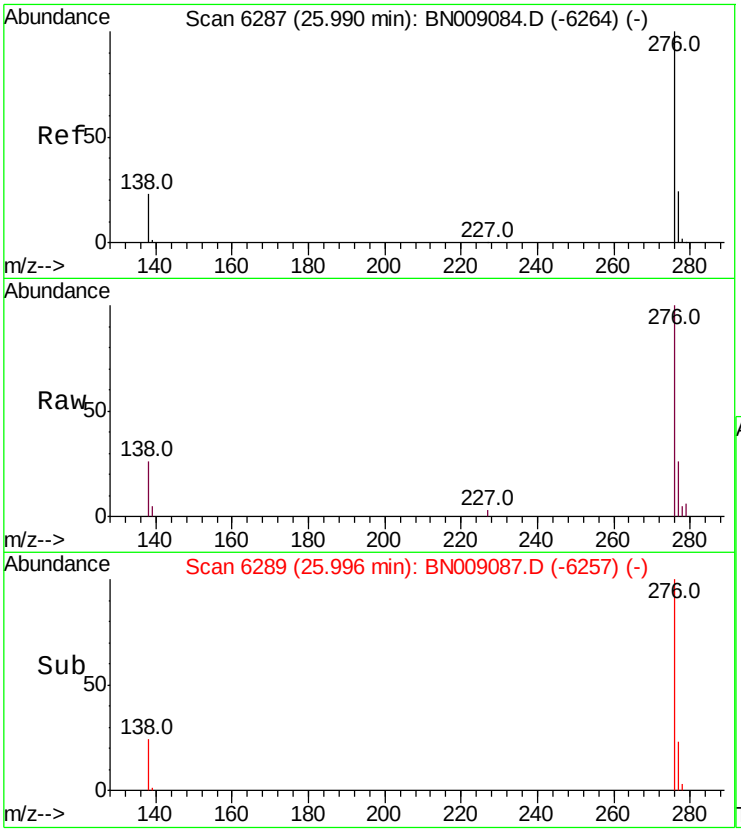


#25
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 25.36 min Scan# 6100
Delta R.T. -0.00 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:278 Resp: 1889

Ion	Ratio	Lower	Upper
278	100		
139	30.6	16.2	24.2#
279	42.7	20.3	30.5#

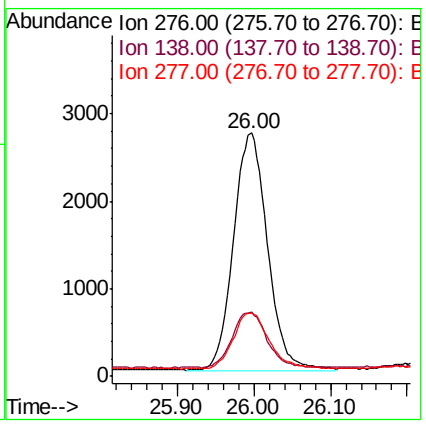




#26
Benzo(g,h,i)perylene
Concen: 0.309 ng/ul
RT: 26.00 min Scan# 6289
Delta R.T. 0.01 min
Lab File: BN009087.D
Acq: 23 Dec 2019 15:00

Tgt Ion:276 Resp: 8096

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.6	30.8
277	26.1	19.6	29.4



Instrument :
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ClientSampleId :
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