Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009070.D
Acq On : 20 Dec 2019 16:17
Operator : JU
Sample : K6171-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BT2DL

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12/23/2019 11:54:24 AM

Quant Time: Dec 20 23:13:00 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 22:55:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4160	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	15872	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8501	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	16715	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9228	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8720	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	786	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	1635	0.03	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.95	178	22992	0.396	ng/ul	99
13) Anthracene	17.04	178	4105	0.079	ng/ul	95
15) Fluoranthene	18.98	202	76080	1.144	ng/ul	98
17) Pyrene	19.34	202	60699	1.289	ng/ul	97
18) Benzo(a)anthracene	21.10	228	25131	0.613	ng/ul	98
19) Chrysene	21.15	228	25761	0.626	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	30547m	0.750	ng/ul	
22) Benzo(k)fluoranthene	22.67	252	11419m	0.278	ng/ul	
23) Benzo(a)pyrene	23.16	252	20437	0.573	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.35	276	14366	0.370	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.36	278	3244	0.105	ng/ul#	69
26) Benzo(g,h,i)perylene	25.99	276	14007	0.428	ng/ul	98

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

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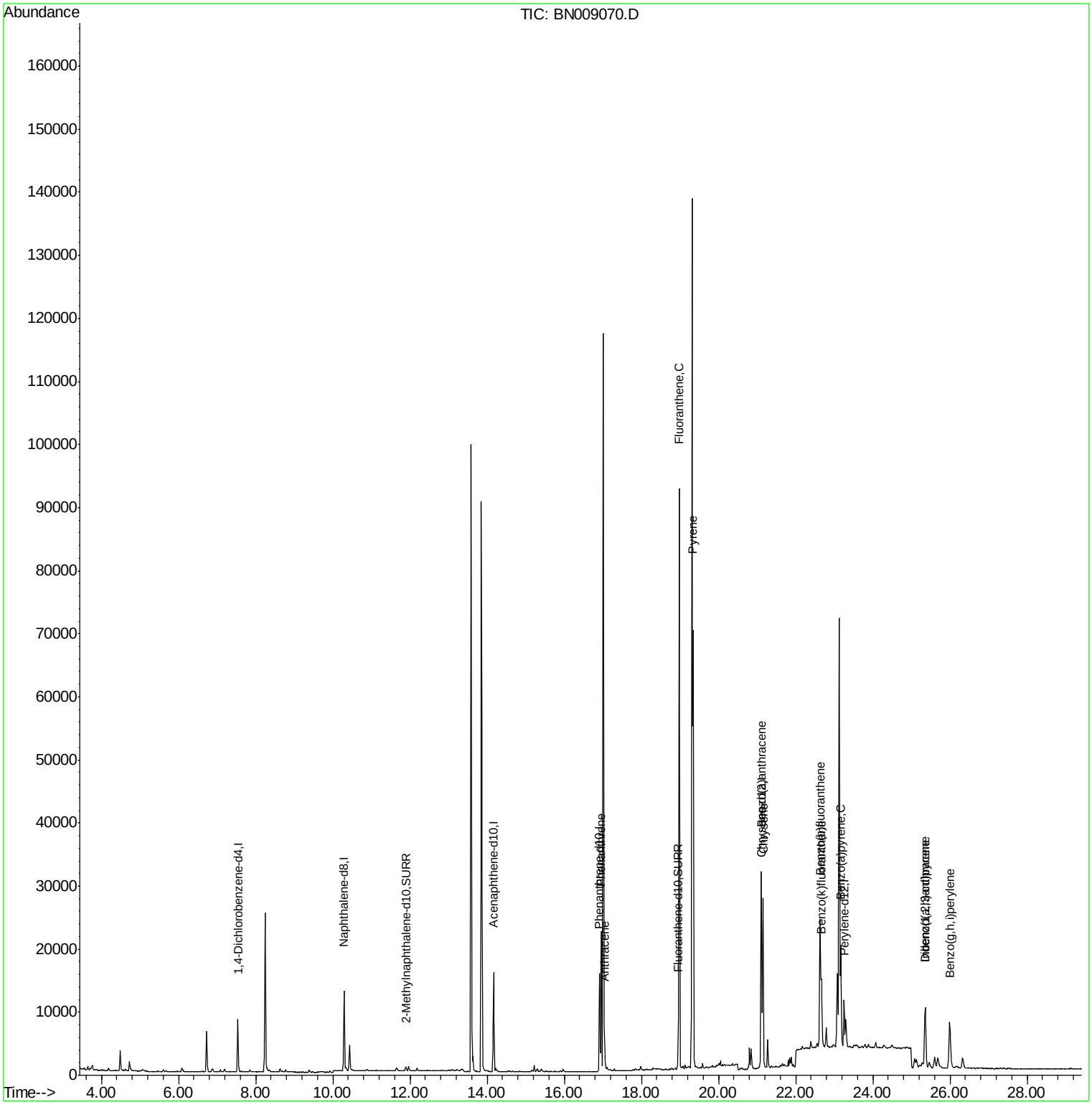
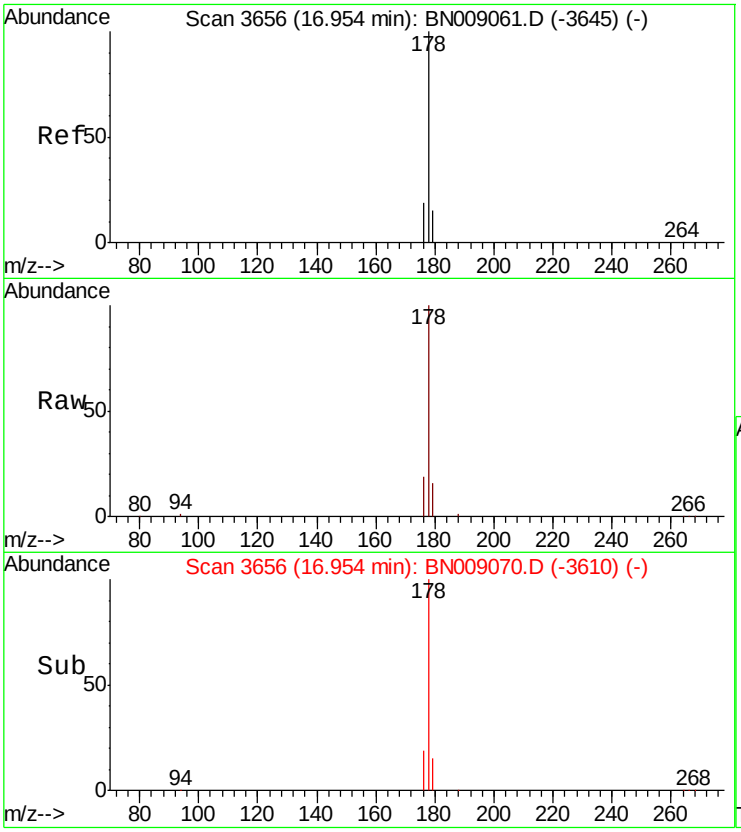
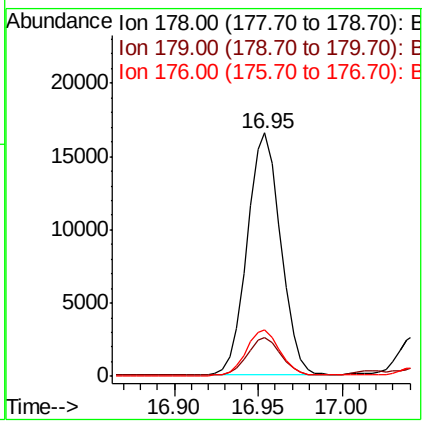




#12
Phenanthrene
Concen: 0.396 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:178 Resp: 22992

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.9	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0BT2DL

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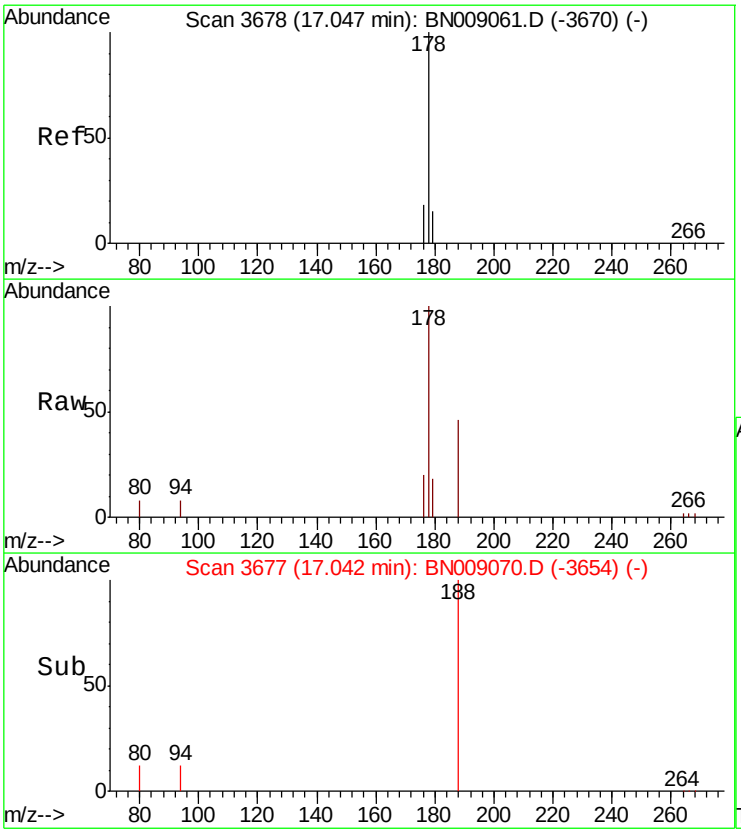
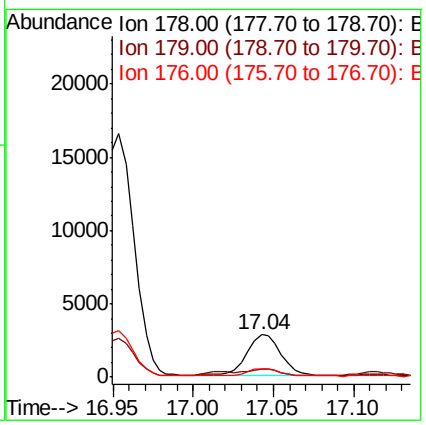
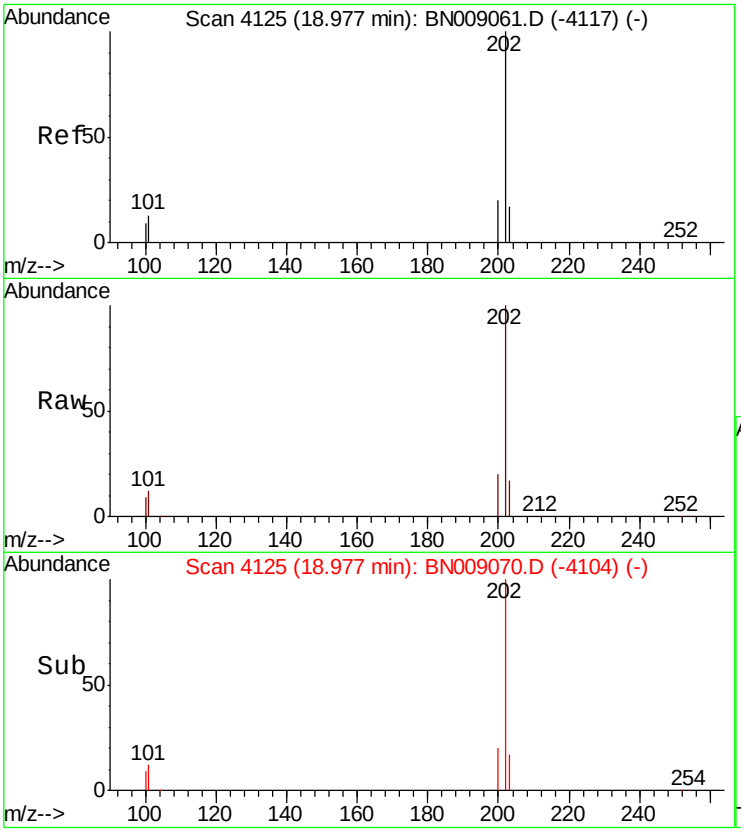


#13
Anthracene
Concen: 0.079 ng/ul
RT: 17.04 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:178 Resp: 4105

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.5	18.7
176	20.1	14.9	22.3

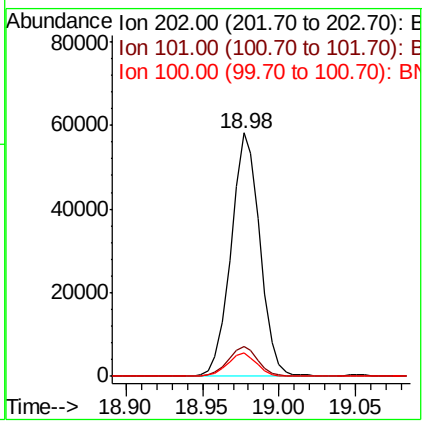




#15
Fluoranthene
Concen: 1.144 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:202 Resp: 76080

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.5
100	9.4	0.0	28.9



Instrument :
BNA_N
ClientSampleId :
C0BT2DL

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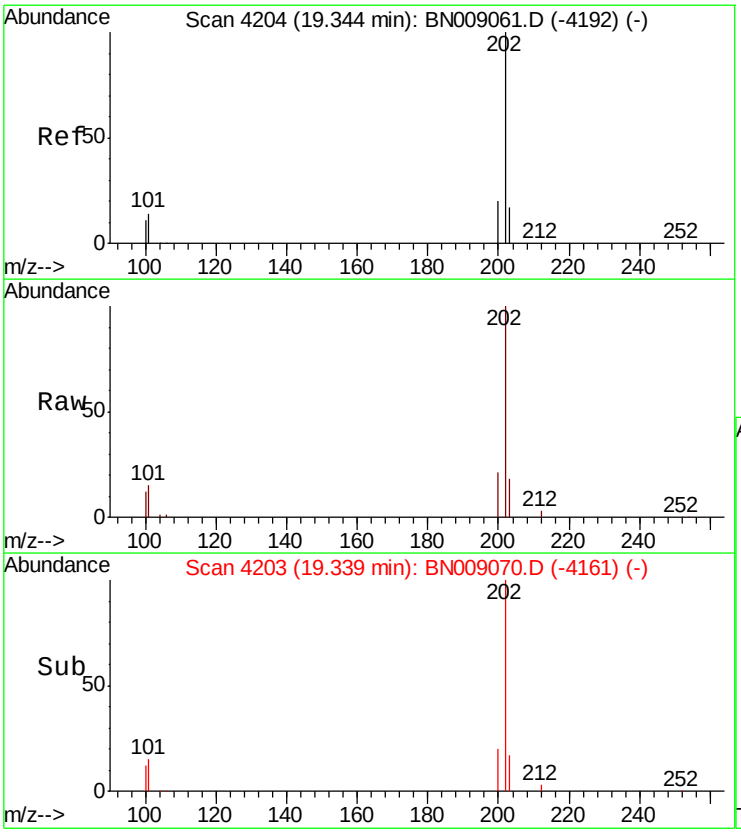
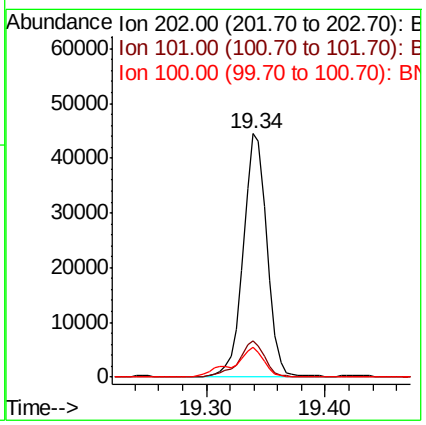
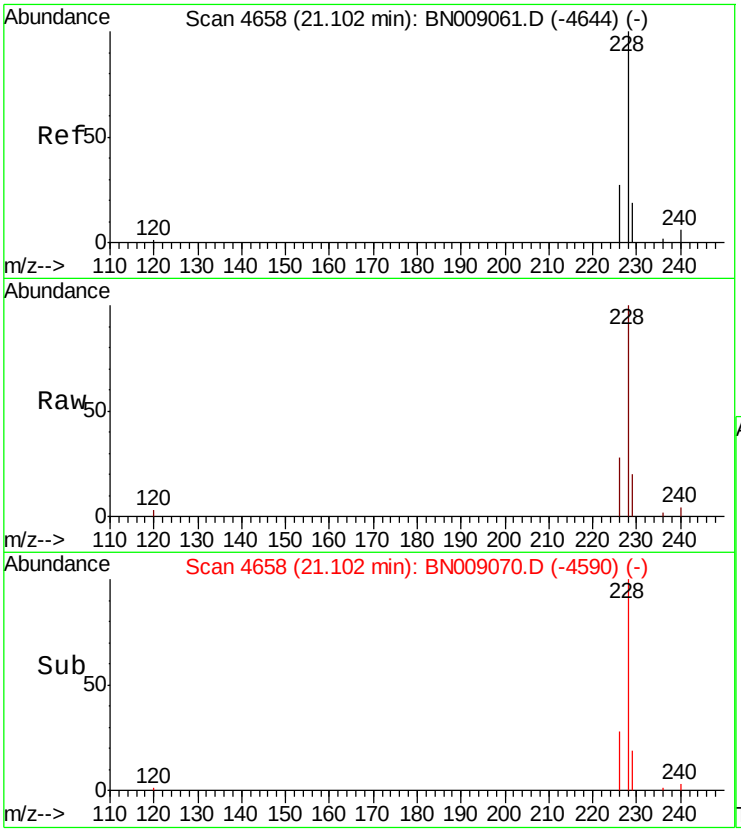


#17
Pyrene
Concen: 1.289 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:202 Resp: 60699

Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.9	16.3
100	12.2	9.0	13.6

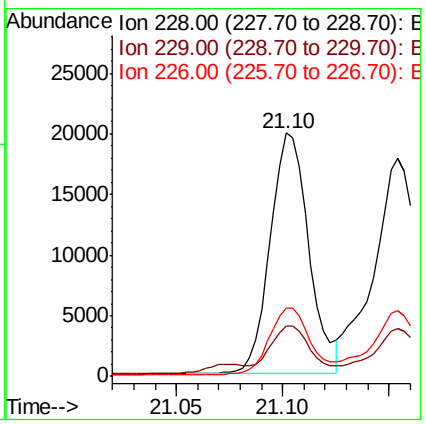




#18
Benzo(a)anthracene
Concen: 0.613 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:228 Resp: 25131

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	28.2	21.7	32.5



Instrument :
BNA_N
ClientSampleId :
C0BT2DL

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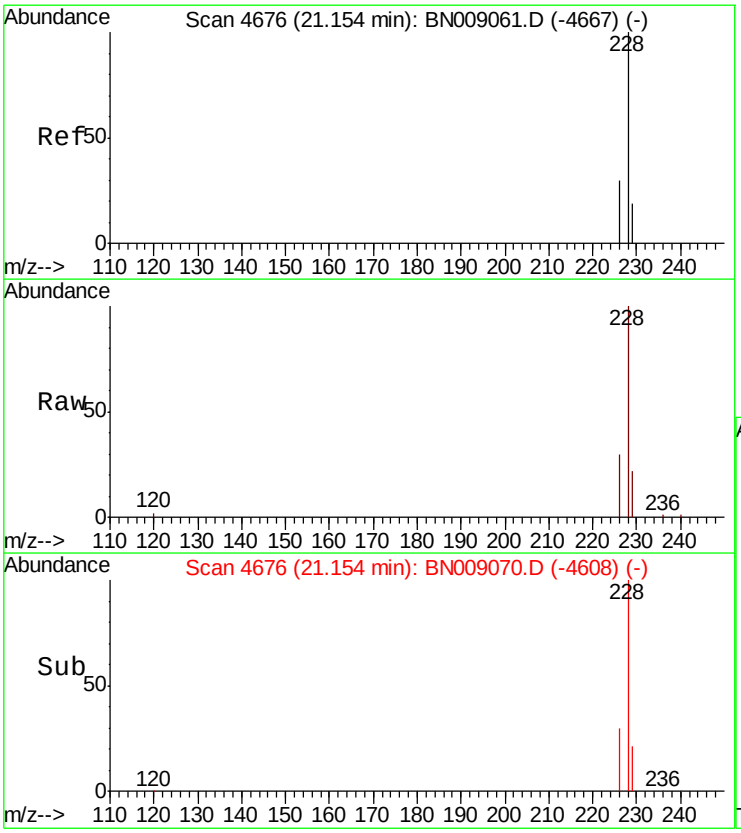
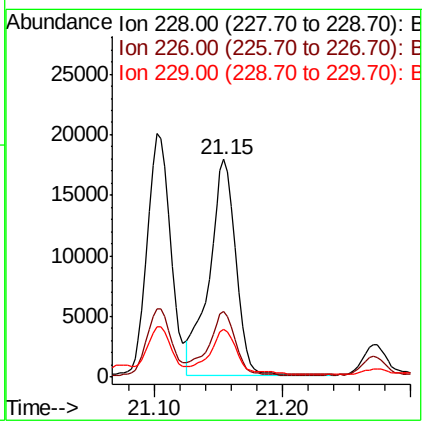
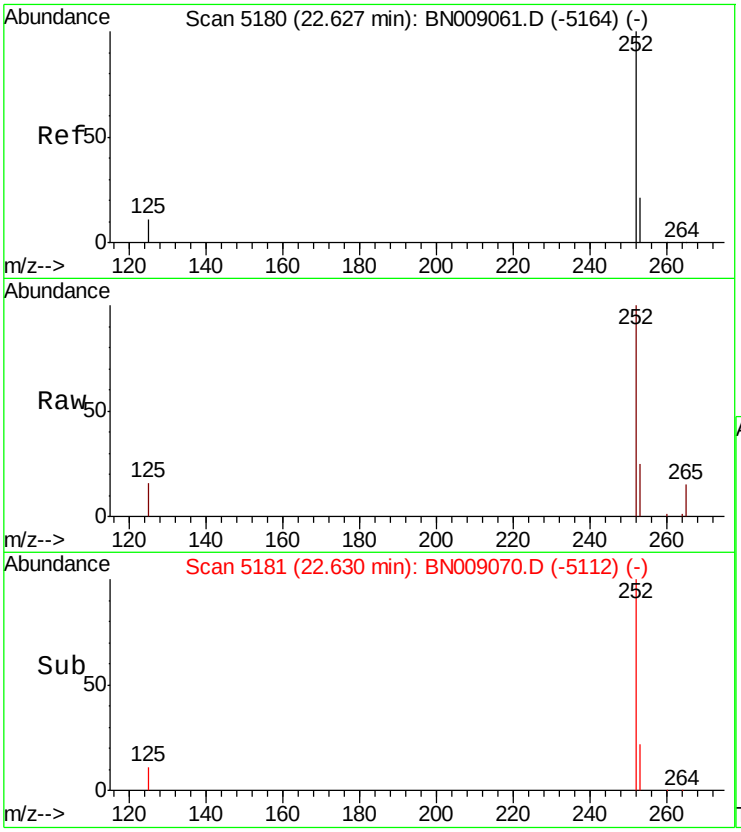


#19
Chrysene
Concen: 0.626 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:228 Resp: 25761

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	22.2	15.4	23.0

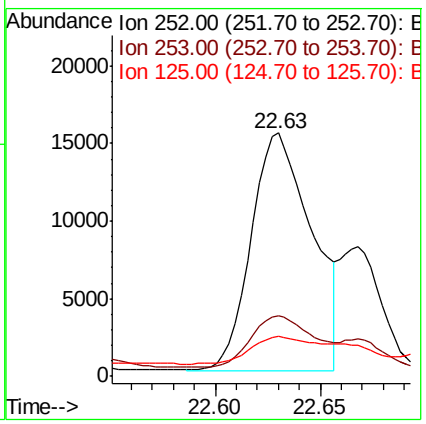




#21
Benzo(b)fluoranthene
Concen: 0.750 ng/ul m
RT: 22.63 min Scan# 5181
Delta R.T. 0.00 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:252 Resp: 30547

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	48.2
125	16.3	0.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0BT2DL

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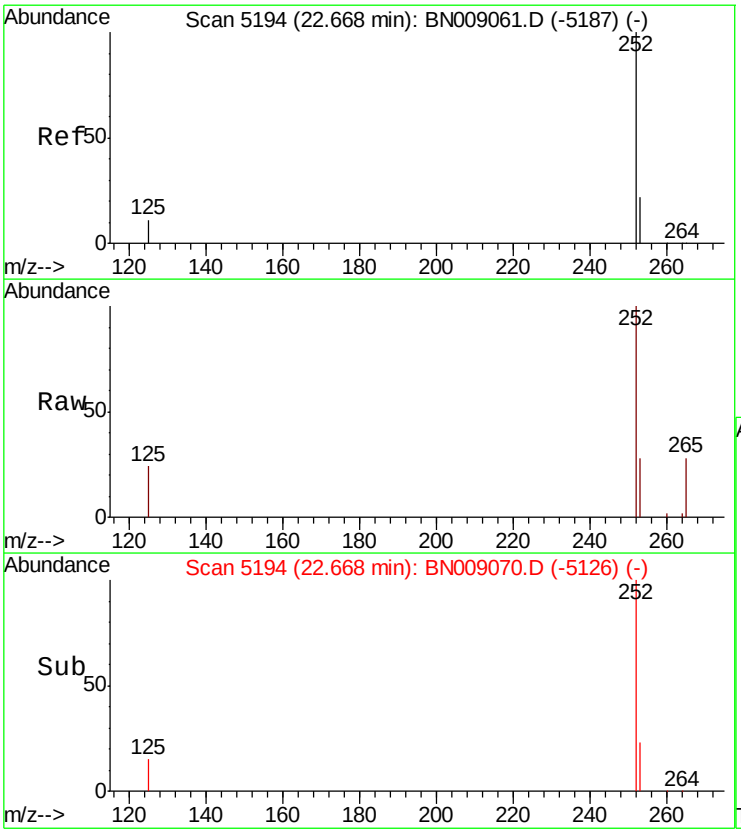
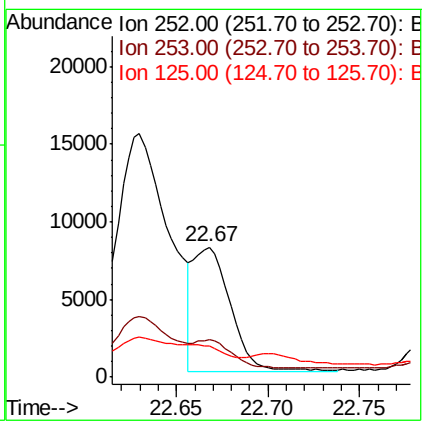
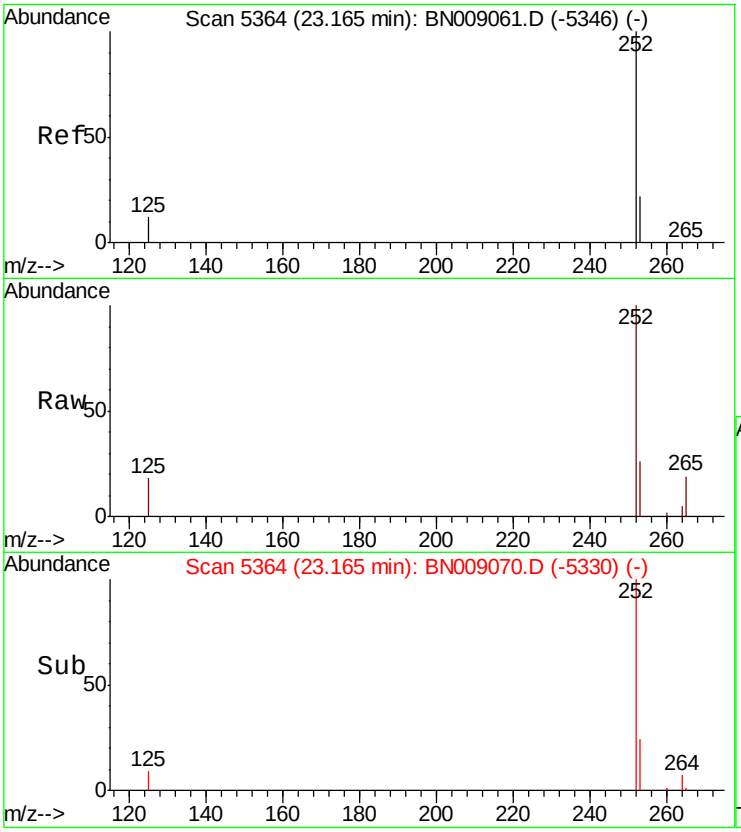


#22
Benzo(k)fluoranthene
Concen: 0.278 ng/ul m
RT: 22.67 min Scan# 5194
Delta R.T. 0.00 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:252 Resp: 11419

Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.4	29.0
125	24.1	12.4	18.6#





#23
Benzo(a)pyrene
Concen: 0.573 ng/ul
RT: 23.16 min Scan# 5364
Delta R.T. 0.00 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:252 Resp: 20437

Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.2	30.4
125	18.4	13.2	19.8

Instrument :
BNA_N
ClientSampleId :
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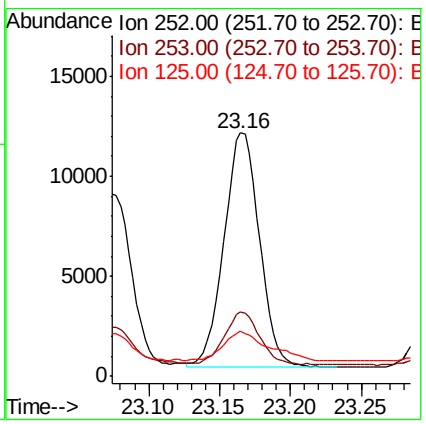
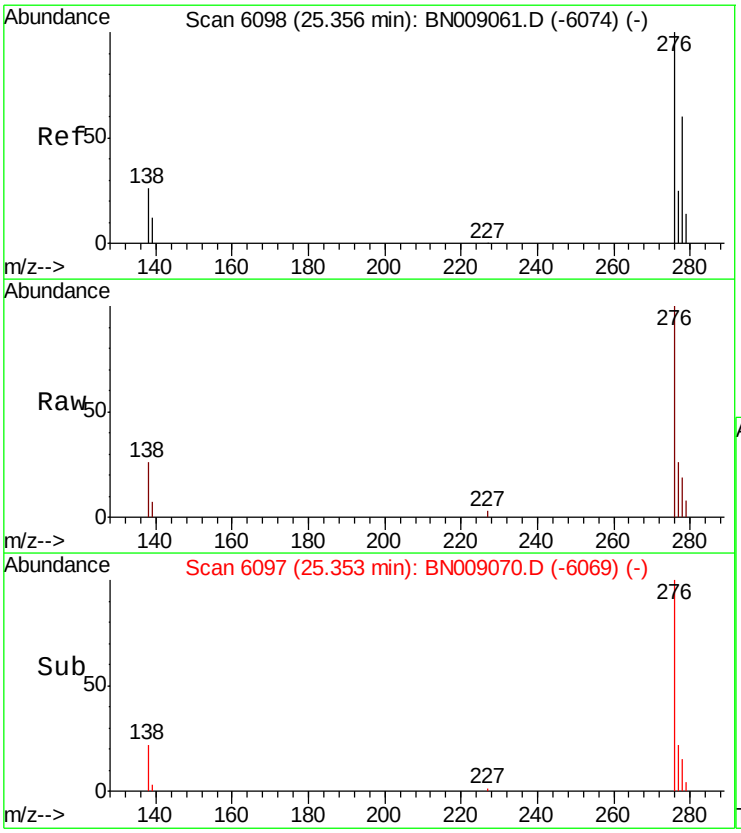
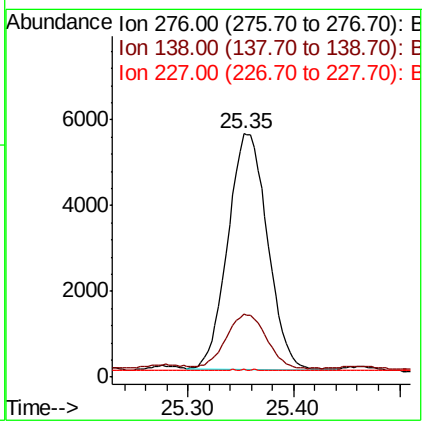


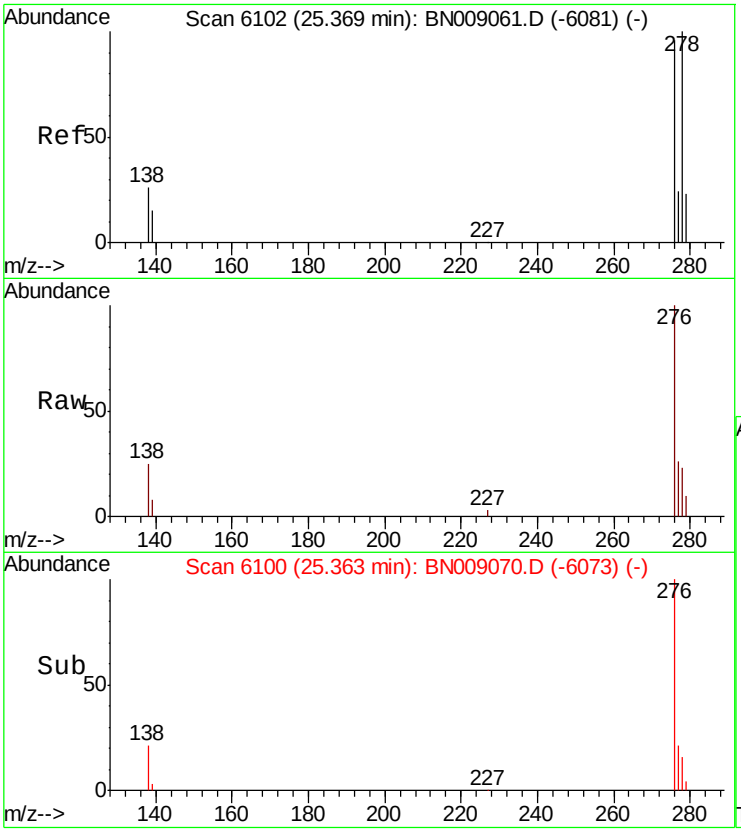


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 25.35 min Scan# 6097
Delta R.T. -0.01 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:276 Resp: 14366

Ion	Ratio	Lower	Upper
276	100		
138	23.4	22.4	33.6
227	0.5	0.2	0.4#

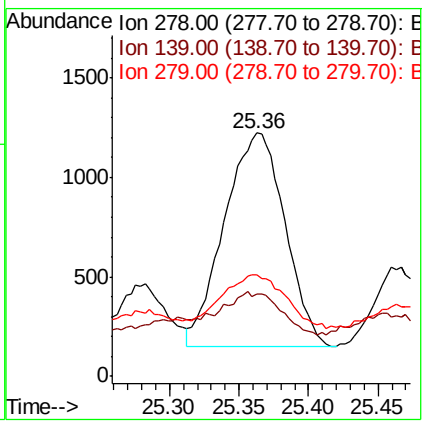




#25
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 25.36 min Scan# 6100
Delta R.T. -0.01 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:278 Resp: 3244

Ion	Ratio	Lower	Upper
278	100		
139	34.0	16.2	24.2#
279	41.7	20.3	30.5#



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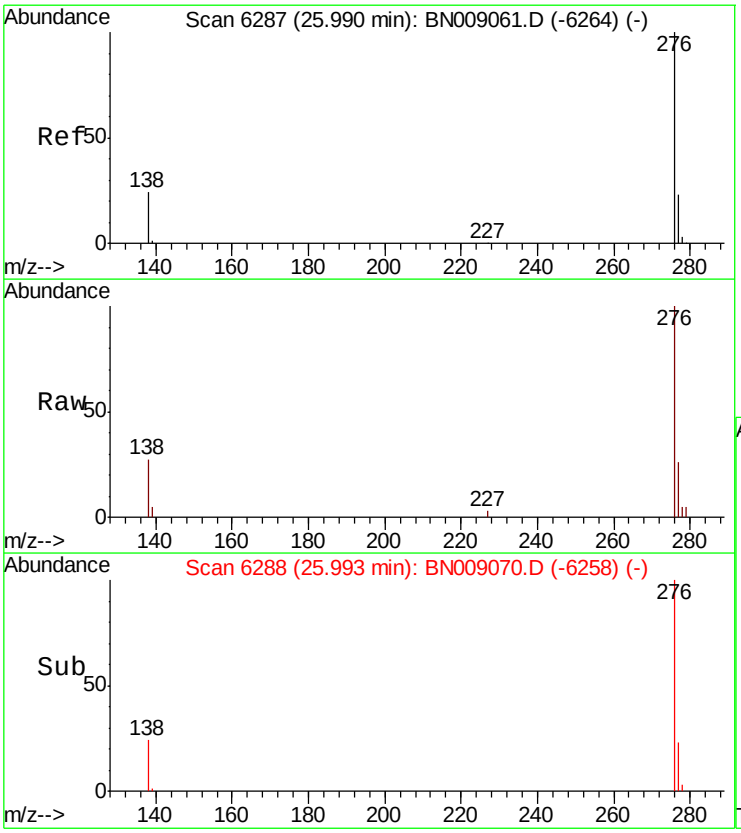

#26
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 25.99 min Scan# 6288
Delta R.T. 0.00 min
Lab File: BN009070.D
Acq: 20 Dec 2019 16:17

Tgt Ion:276 Resp: 14007

Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.6	30.8
277	25.8	19.6	29.4