Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003116.D
Acq On : 11 Oct 2018 22:57
Operator : MJ/SJ
Sample : J5230-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 12 05:38:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1704	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6820	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3395	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	301257	0.40	ng/ul	0.08
16) Chrysene-d12	21.39	240	56	0.40	ng/ul	0.15
20) Perylene-d12	23.69	264	2886	0.40	ng/ul	0.24
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2710	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.15	212	211	0.00	ng/ul	0.08
Target Compounds						Qvalue
3) Naphthalene	10.44	128	9530	0.545	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	5895	0.489	ng/ul	97
7) Acenaphthylene	13.98	152	69694	4.487	ng/ul	98
8) Acenaphthene	14.32	153	2724	0.231	ng/ul	97
9) Fluorene	15.32	166	4704	0.348	ng/ul#	97
12) Phenanthrene	17.15	178	66584	0.079	ng/ul	98
15) Fluoranthene	19.23	202	25074	0.025	ng/ul	98
17) Pyrene	19.44	202	383577	1763.561	ng/ul	99
18) Benzo(a)anthracene	21.26	228	243211	1349.609	ng/ul	97
19) Chrysene	21.40	228	11372	62.146	ng/ul#	90
21) Benzo(b)fluoranthene	22.94	252	72996	7.023	ng/ul	97
22) Benzo(k)fluoranthene	22.94	252	71293	6.617	ng/ul	97
23) Benzo(a)pyrene	23.61	252	591	0.063	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.97	276	12658	1.183	ng/ul#	52
25) Dibenzo(a,h)anthracene	25.89	278	28146	3.285	ng/ul	93
26) Benzo(g,h,i)perylene	26.68	276	20751	2.299	ng/ul#	94

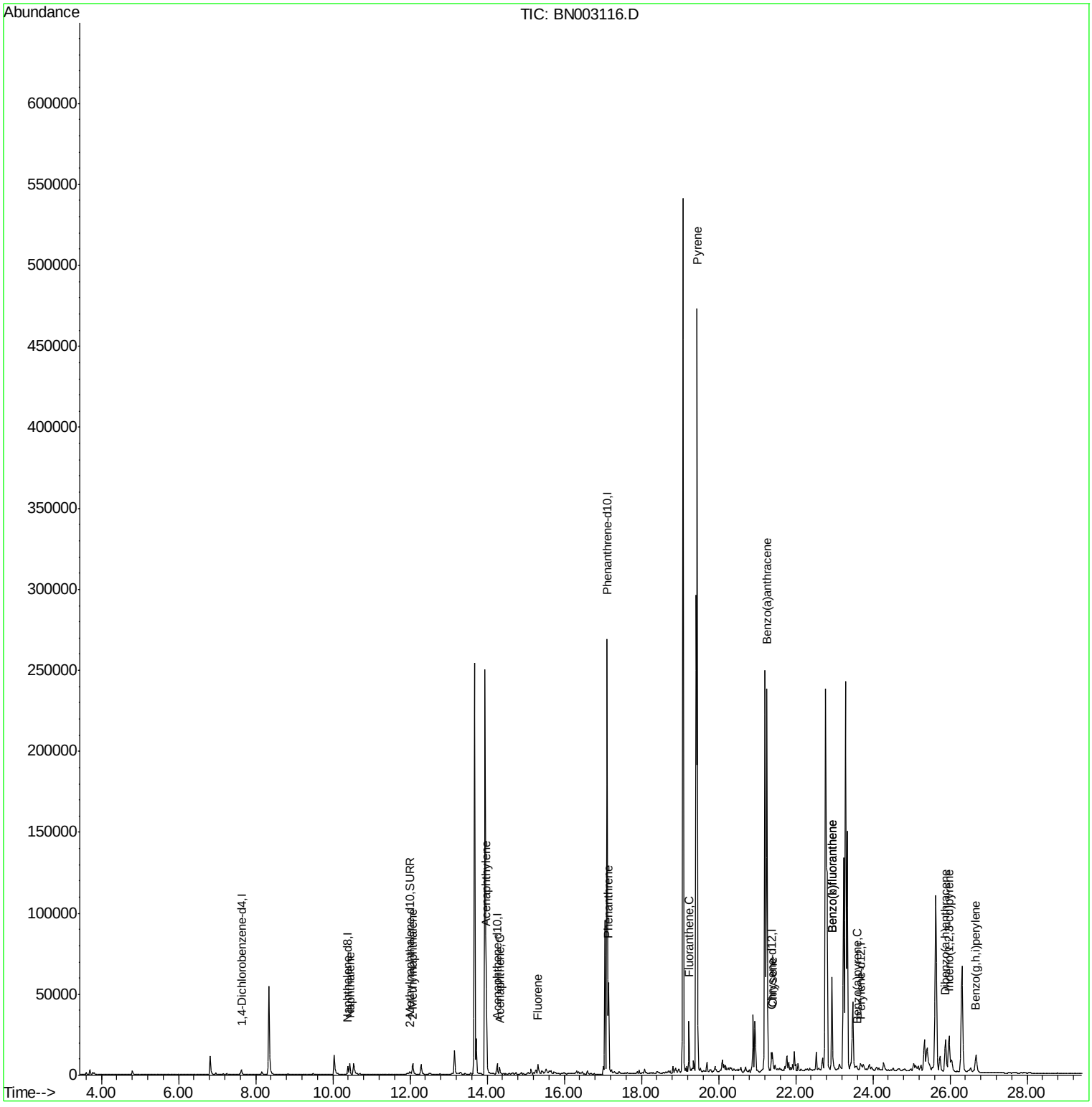
(#) = qualifier out of range (m) = manual integration (+) = signals summed

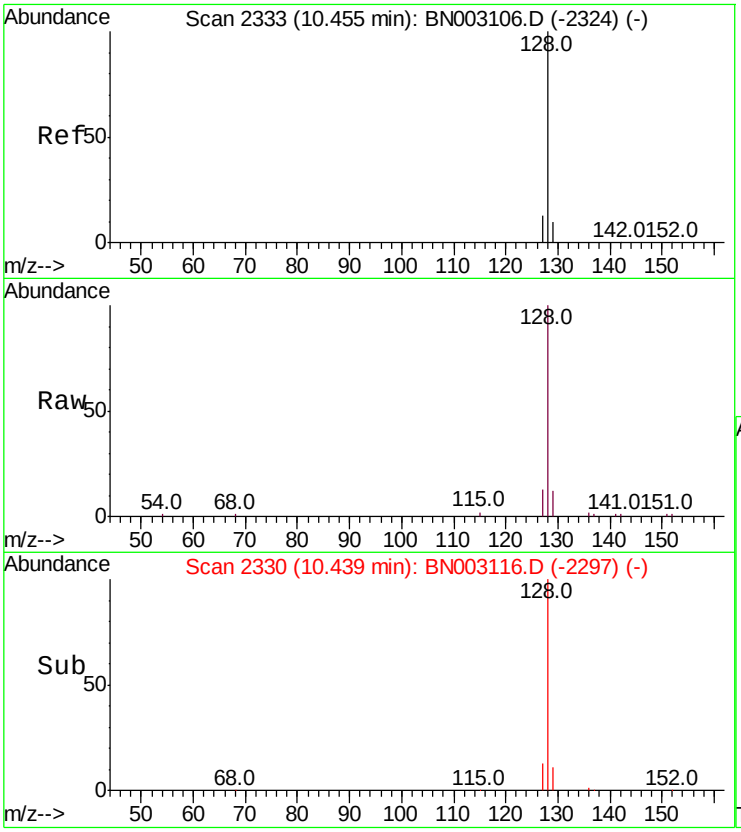
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003116.D
Acq On : 11 Oct 2018 22:57
Operator : MJ/SJ
Sample : J5230-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 12 05:38:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration



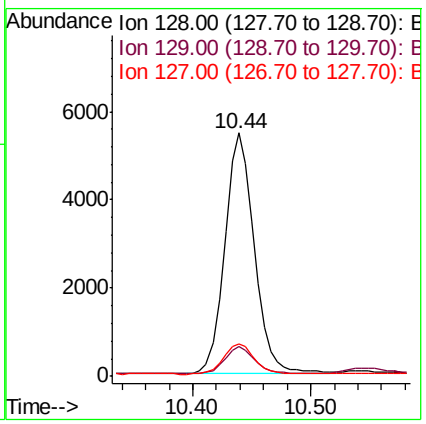


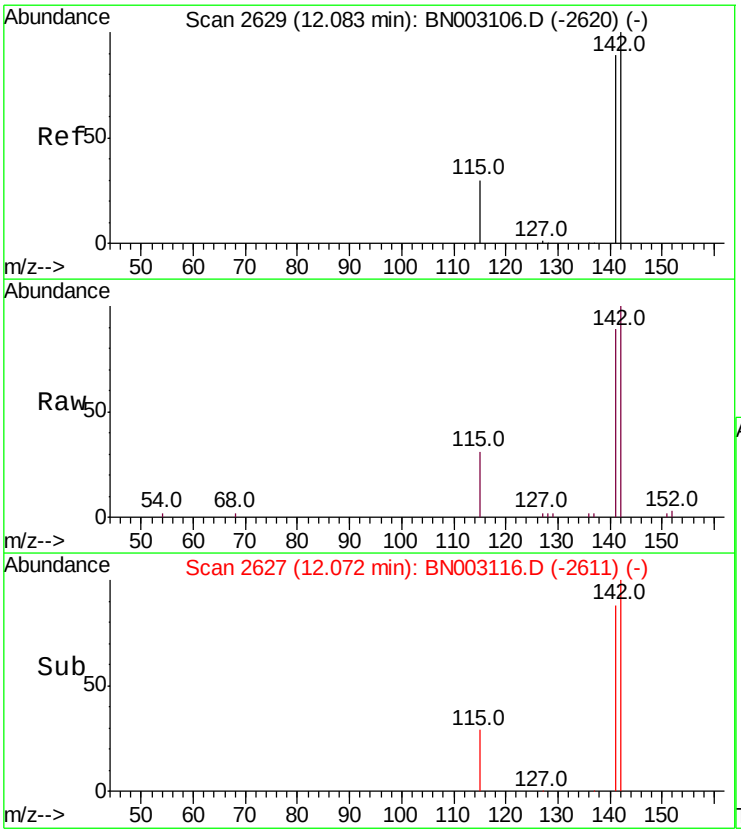
#3
Naphthalene
Concen: 0.545 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 9530

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.4	15.6
127	13.4	11.7	17.5

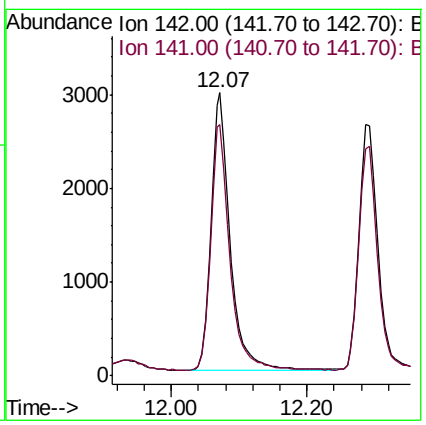


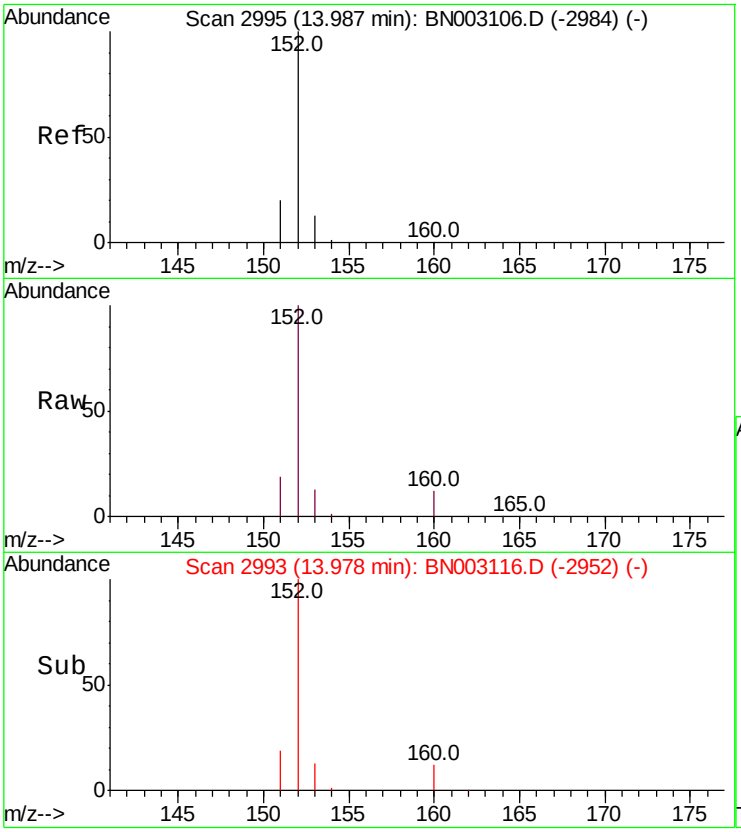


#5
2-Methylnaphthalene
Concen: 0.489 ng/ul
RT: 12.07 min Scan# 2627
Delta R.T. -0.01 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Tgt Ion:142 Resp: 5895

Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.4	110.0



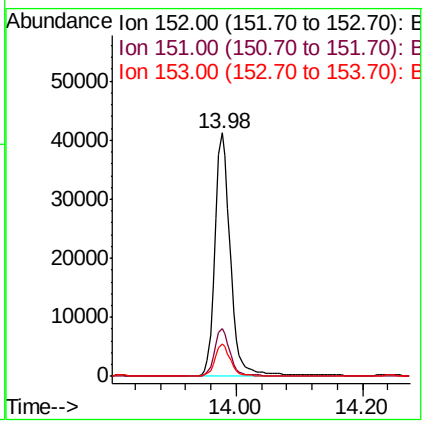


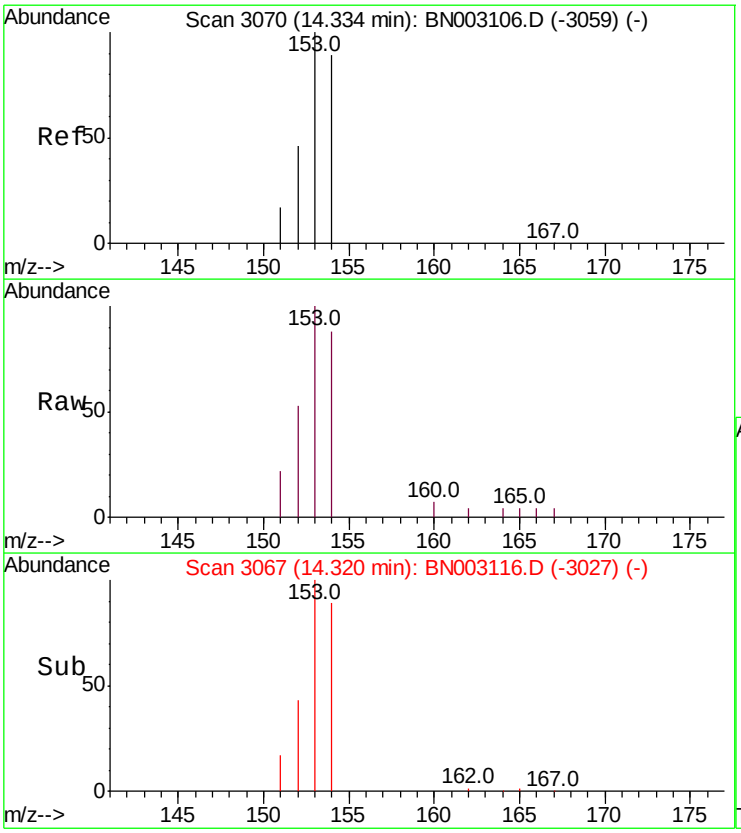
#7
Acenaphthylene
Concen: 4.487 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 69694

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7
153	13.4	11.4	17.2

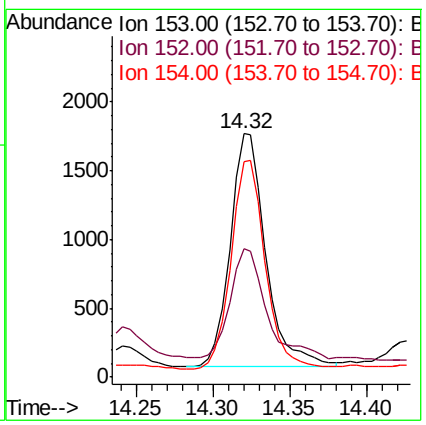


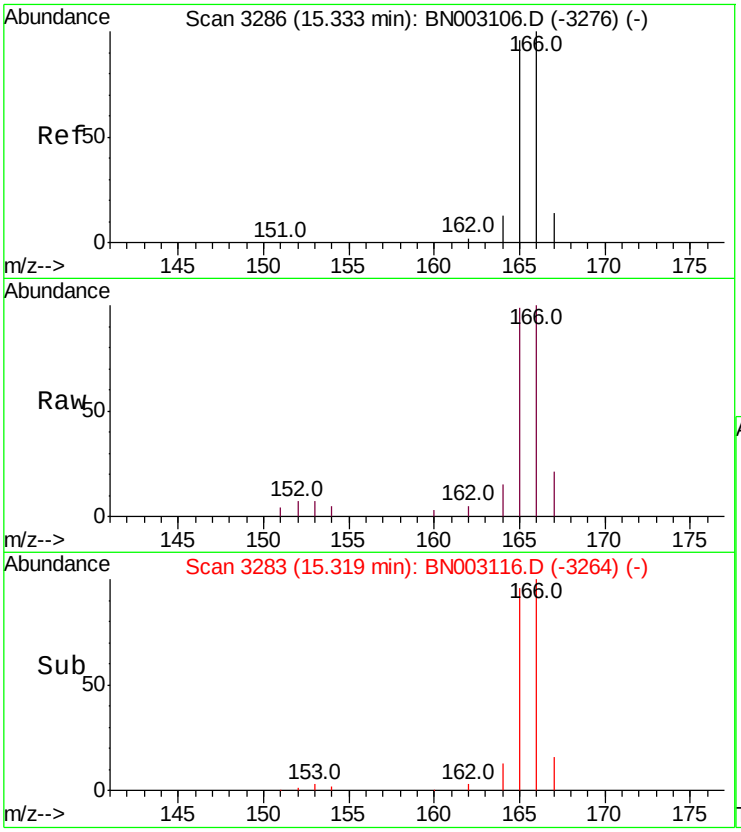


#8
Acenaphthene
Concen: 0.231 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Tgt Ion:153 Resp: 2724

Ion	Ratio	Lower	Upper
153	100		
152	52.7	38.2	57.4
154	88.5	70.2	105.2



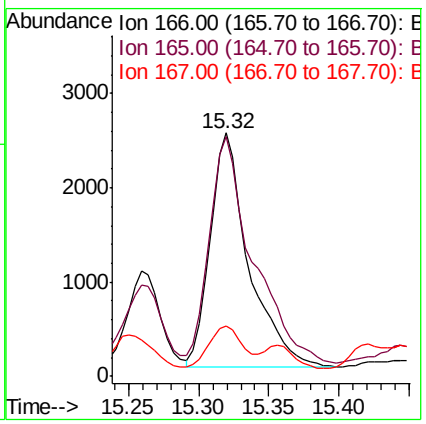


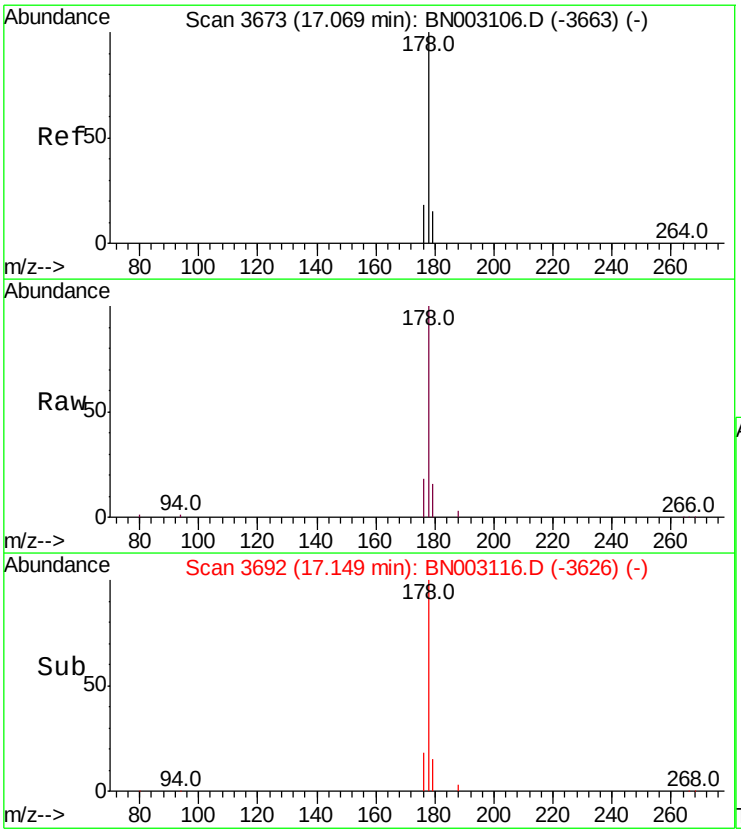
#9
Fluorene
Concen: 0.348 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 4704

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.5	117.7
167	20.8	11.6	17.4#

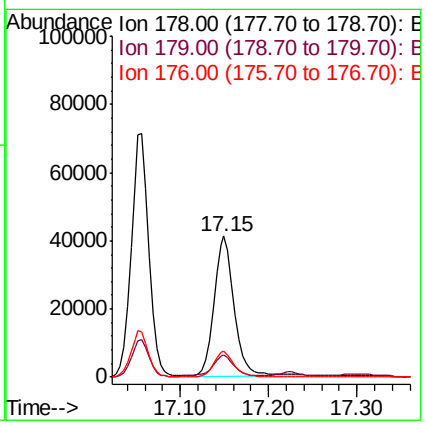


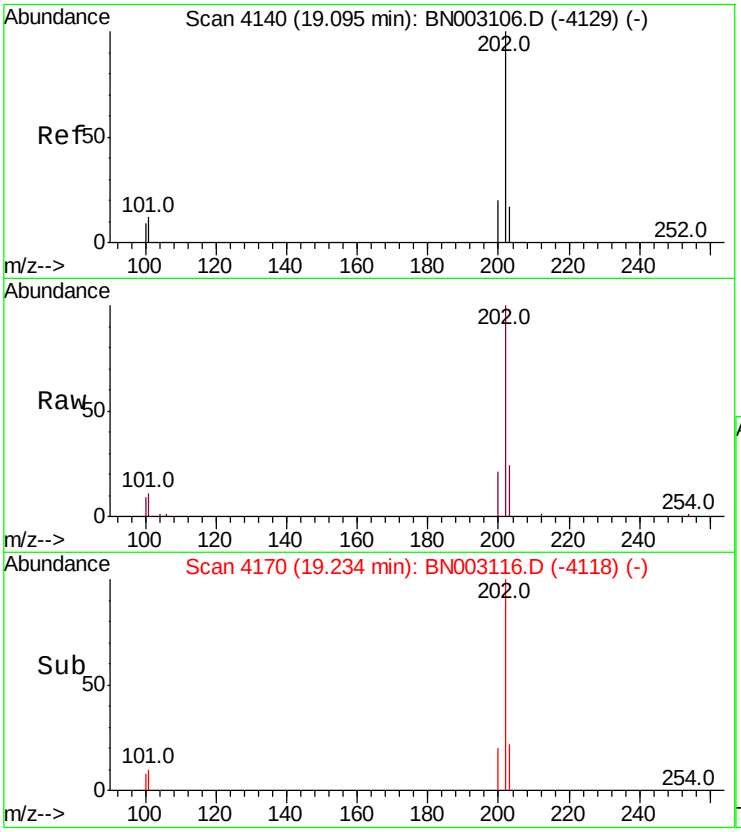


#12
Phenanthrene
Concen: 0.079 ng/ul
RT: 17.15 min Scan# 3692
Delta R.T. 0.08 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Tgt Ion:178 Resp: 66584

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.1	15.4	23.2



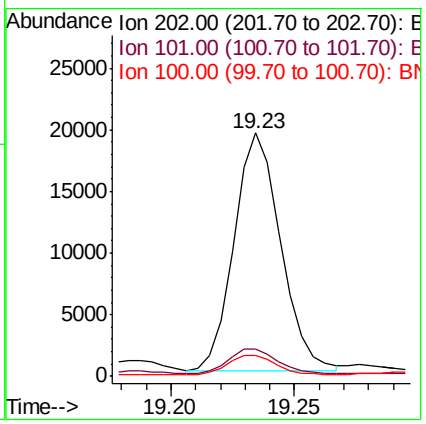


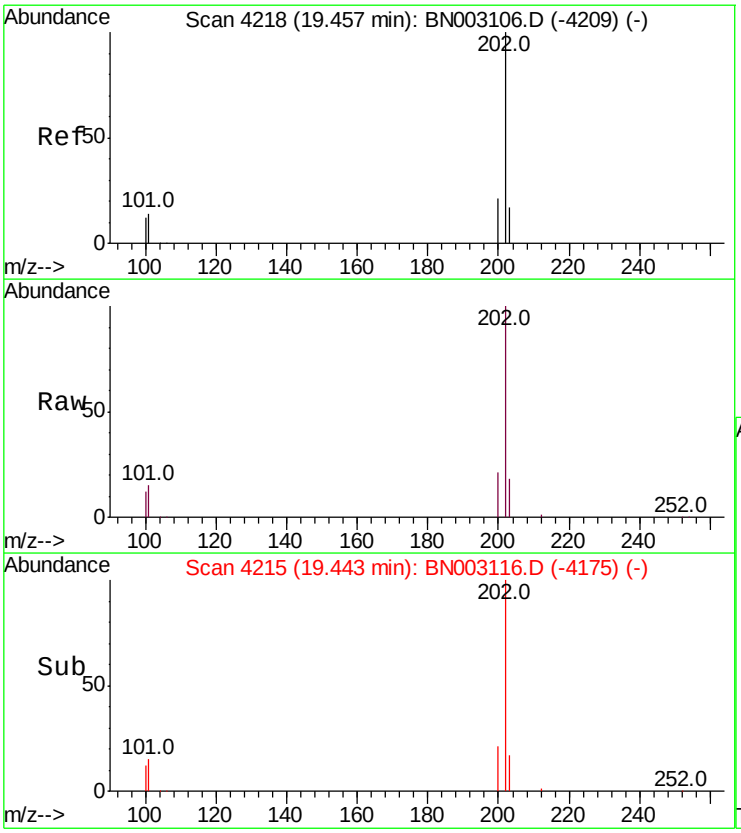
#15
Fluoranthene
Concen: 0.025 ng/ul
RT: 19.23 min Scan# 4170
Delta R.T. 0.14 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 25074

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.3
100	8.7	0.0	29.1

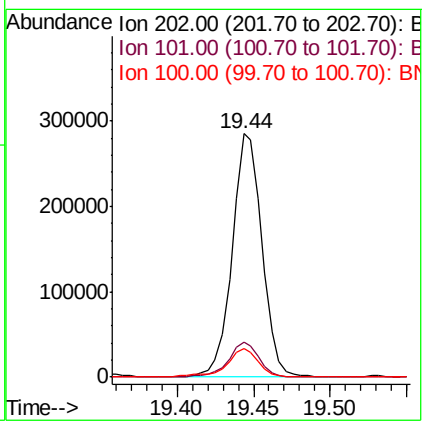


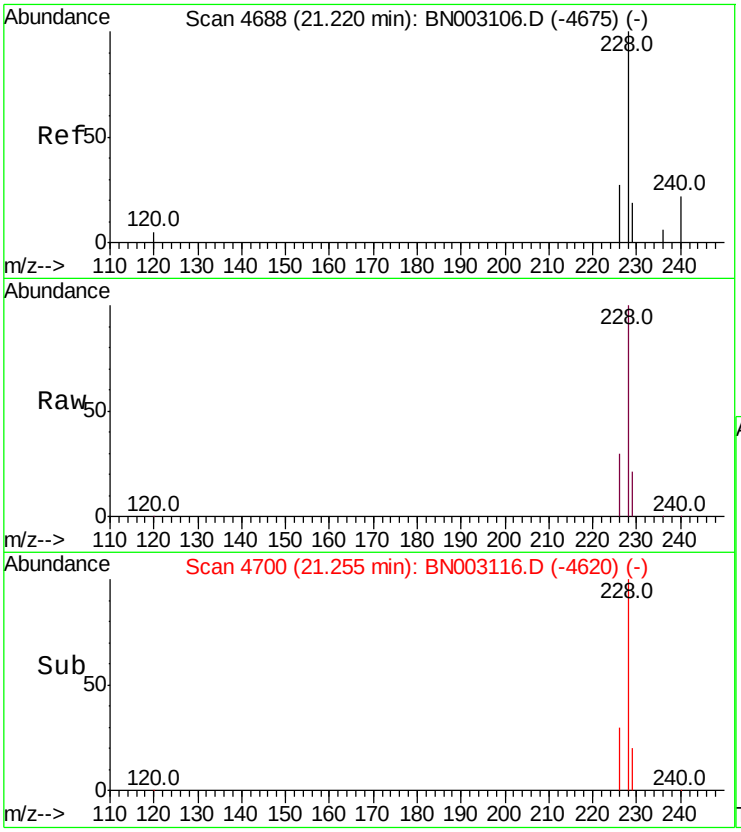


#17
Pyrene
Concen: 1763.561 ng/ul
RT: 19.44 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Tgt Ion:202 Resp: 383577

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.9	17.9
100	11.8	9.9	14.9



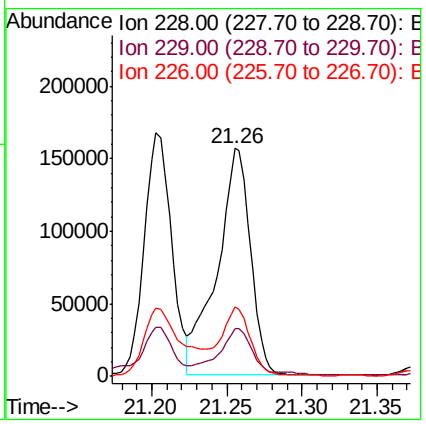


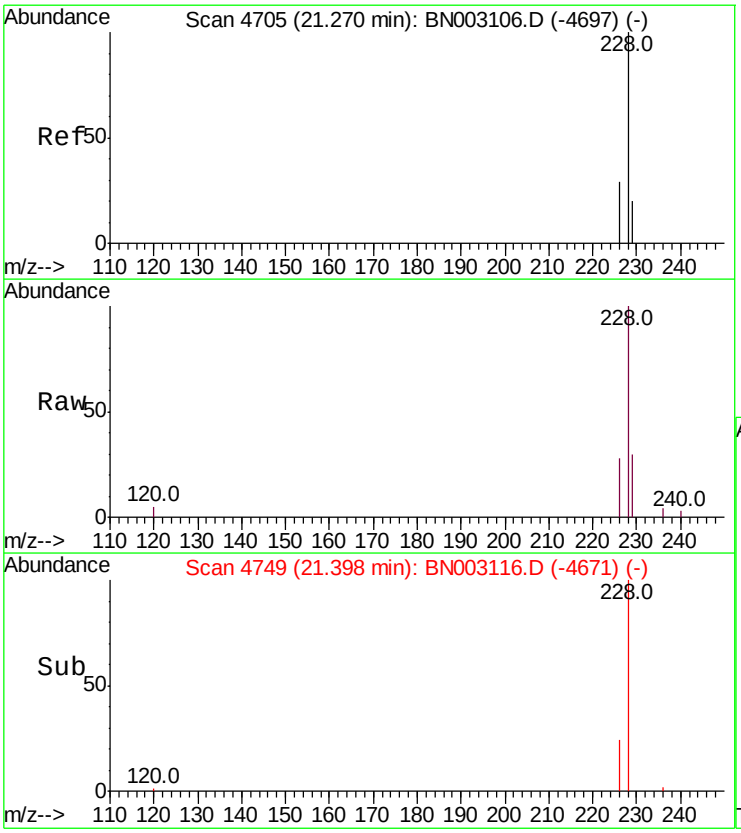
#18
Benzo(a)anthracene
Concen: 1349.609 ng/ul
RT: 21.26 min Scan# 4700
Delta R.T. 0.04 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 243211

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	30.4	22.3	33.5

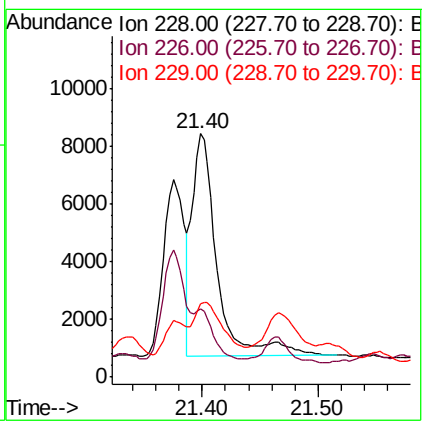


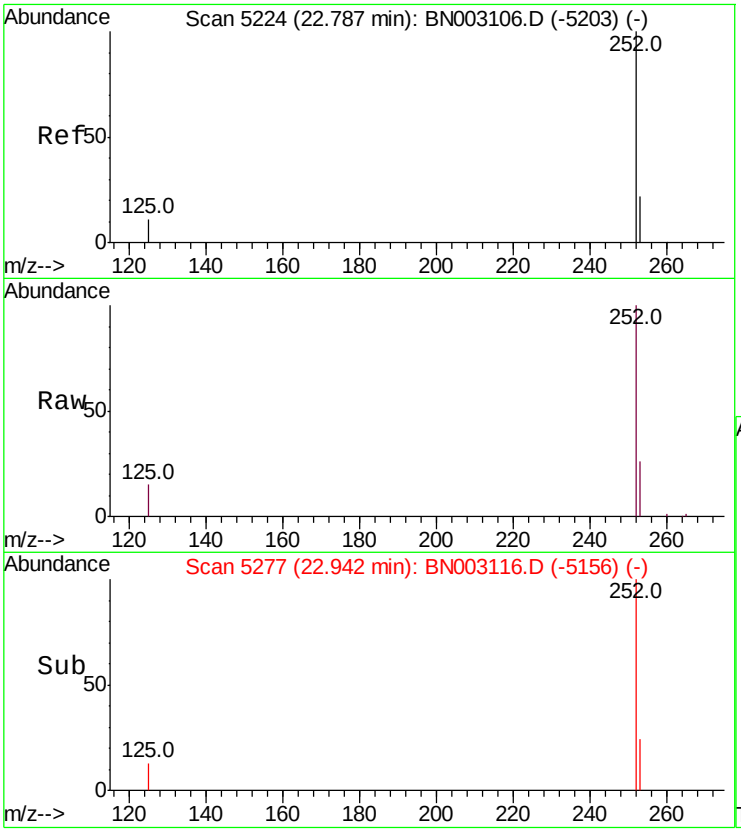


#19
Chrysene
Concen: 62.146 ng/ul
RT: 21.40 min Scan# 4749
Delta R.T. 0.13 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Tgt Ion:228 Resp: 11372

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.2	36.4
229	29.9	16.7	25.1#



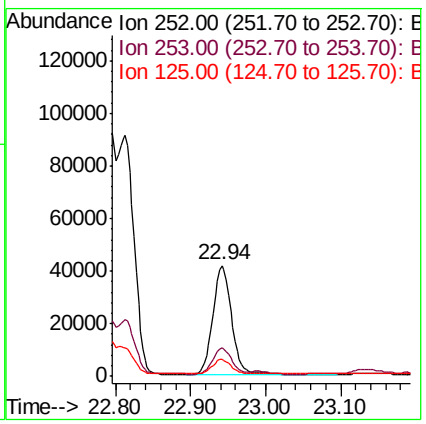


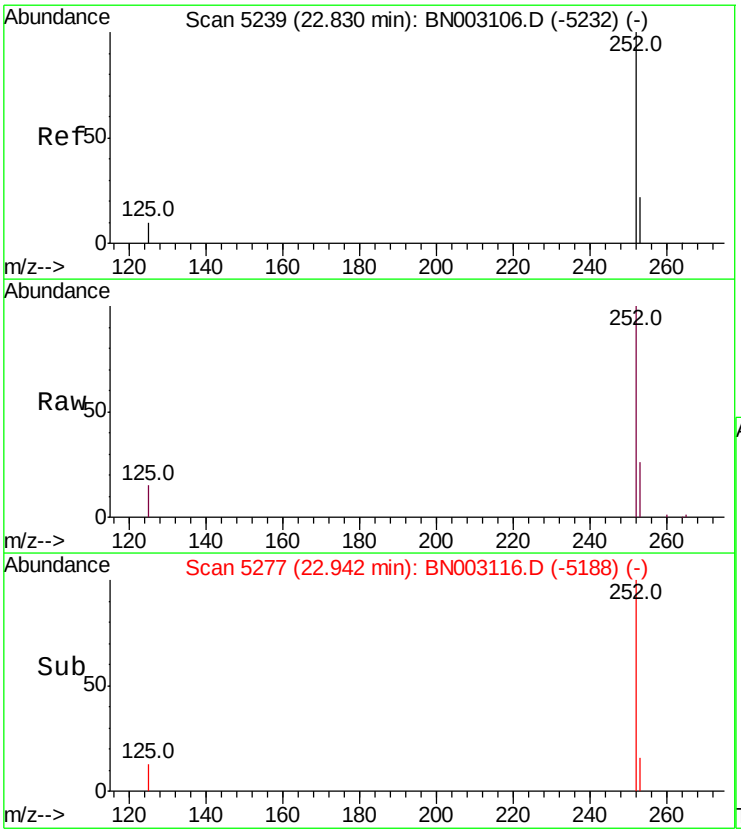
#21
Benzo(b)fluoranthene
Concen: 7.023 ng/ul
RT: 22.94 min Scan# 5277
Delta R.T. 0.16 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 72996

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	53.2
125	15.2	0.0	34.2

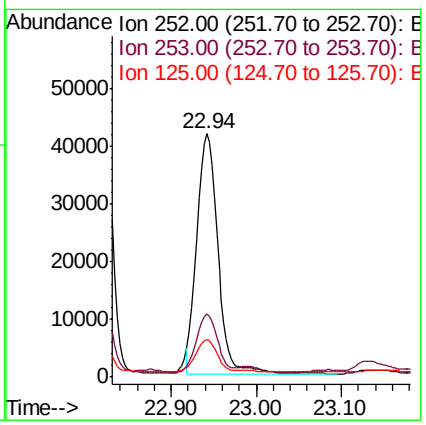


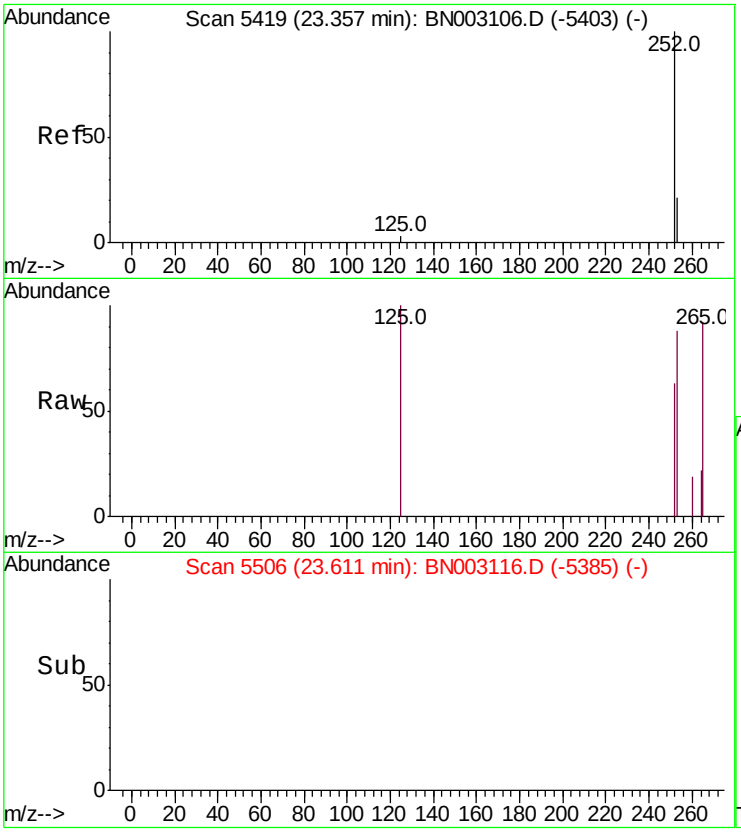


#22
Benzo(k)fluoranthene
Concen: 6.617 ng/ul
RT: 22.94 min Scan# 5277
Delta R.T. 0.11 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Tgt Ion:252 Resp: 71293

Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.3	31.9
125	15.2	14.1	21.1



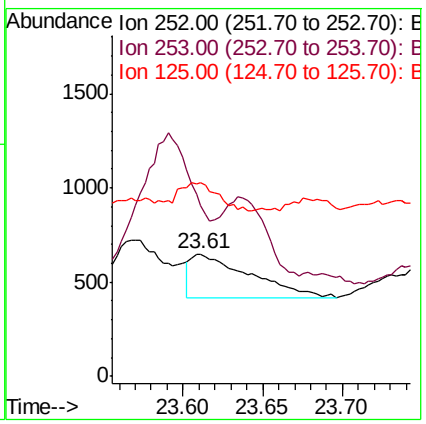


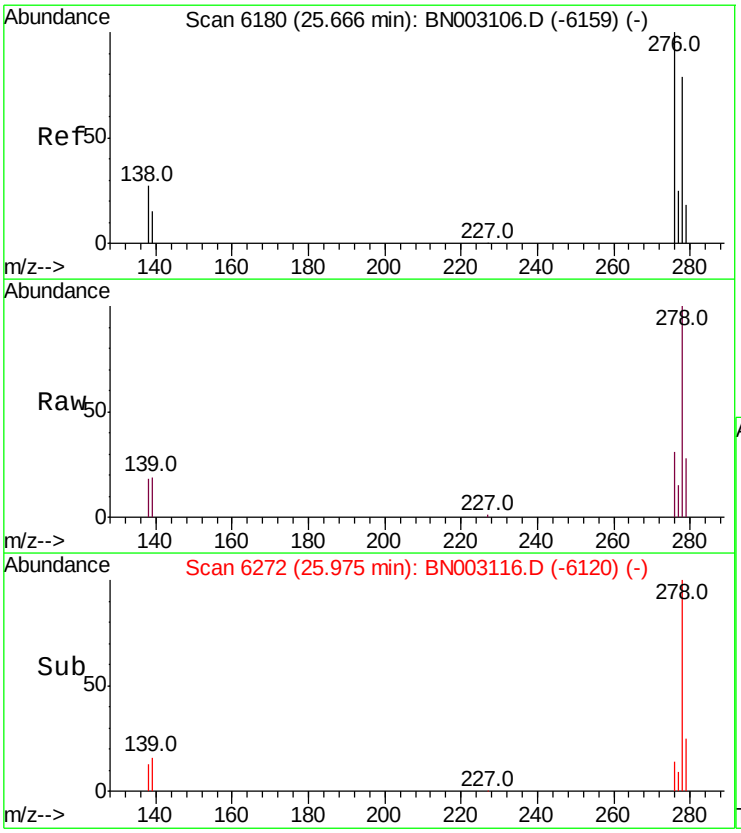
#23
Benzo(a)pyrene
Concen: 0.063 ng/ul
RT: 23.61 min Scan# 5506
Delta R.T. 0.25 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 591

Ion	Ratio	Lower	Upper
252	100		
253	139.2	23.1	34.7#
125	158.2	16.9	25.3#

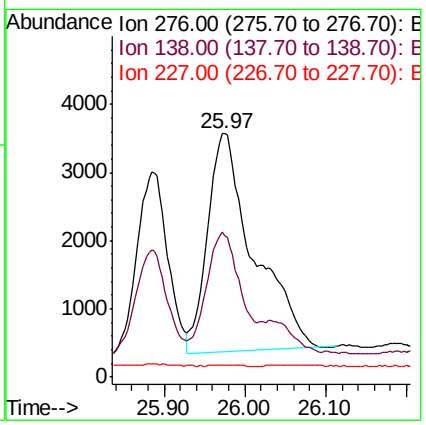


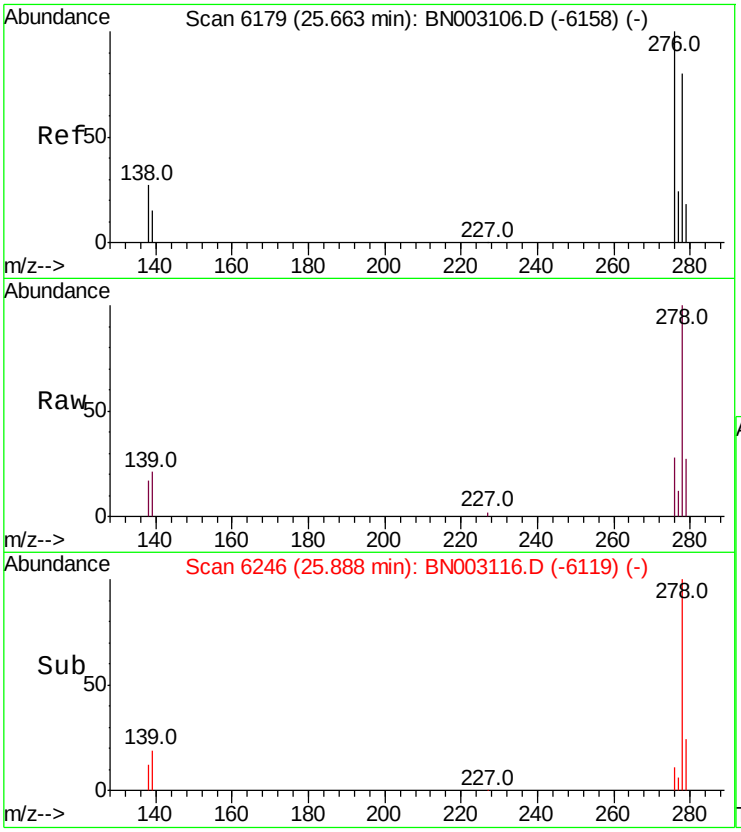


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.183 ng/ul
RT: 25.97 min Scan# 6272
Delta R.T. 0.31 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Tgt Ion:276 Resp: 12658

Ion	Ratio	Lower	Upper
276	100		
138	52.1	21.5	32.3#
227	0.3	0.3	0.5



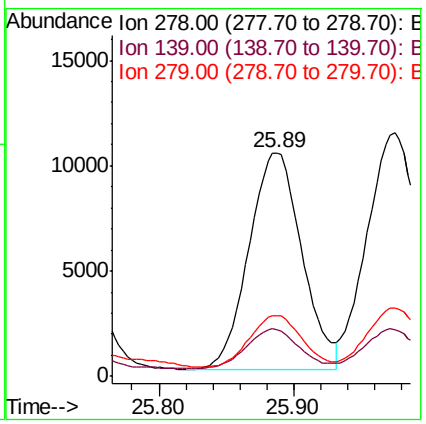


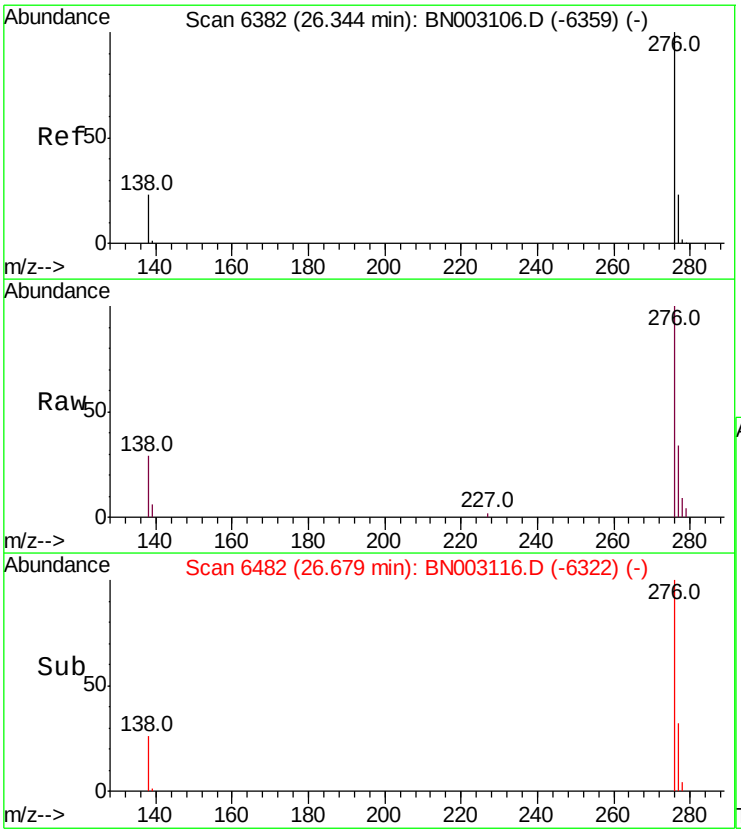
#25
Dibenzo(a,h)anthracene
Concen: 3.285 ng/ul
RT: 25.89 min Scan# 6246
Delta R.T. 0.22 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 28146

Ion	Ratio	Lower	Upper
278	100		
139	21.1	20.2	30.4
279	27.1	23.8	35.8





#26
Benzo(g,h,i)perylene
Concen: 2.299 ng/ul
RT: 26.68 min Scan# 6482
Delta R.T. 0.34 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Tgt Ion:276 Resp: 20751

Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.0	34.4
277	33.9	22.0	33.0#