Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN006994.D
Acq On : 07 Aug 2019 19:09
Operator : HP/JU
Sample : K3893-01DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 08 04:52:08 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6219	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	25864	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	16529	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	40866	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	33712	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	28714	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1931	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	5732	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.83	152	2410	0.025	ng/ul#	91
8) Acenaphthene	14.18	153	1790	0.027	ng/ul	97
9) Fluorene	15.17	166	2358	0.030	ng/ul#	98
11) Pentachlorophenol	16.51	266	398	0.035	ng/ul#	77
12) Phenanthrene	16.90	178	59388	0.456	ng/ul	99
13) Anthracene	16.99	178	9677	0.073	ng/ul	97
15) Fluoranthene	18.93	202	179252	1.107	ng/ul	100
17) Pyrene	19.30	202	148392	0.986	ng/ul	99
18) Benzo(a)anthracene	21.06	228	72264	0.488	ng/ul	98
19) Chrysene	21.12	228	85448	0.616	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	140421	1.206	ng/ul	98
22) Benzo(k)fluoranthene	22.58	252	140421	1.244	ng/ul	99
23) Benzo(a)pyrene	23.12	252	58174	0.531	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.31	276	40002	0.339	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.32	278	9147	0.097	ng/ul#	78
26) Benzo(g,h,i)perylene	25.94	276	31963	0.323	ng/ul	98

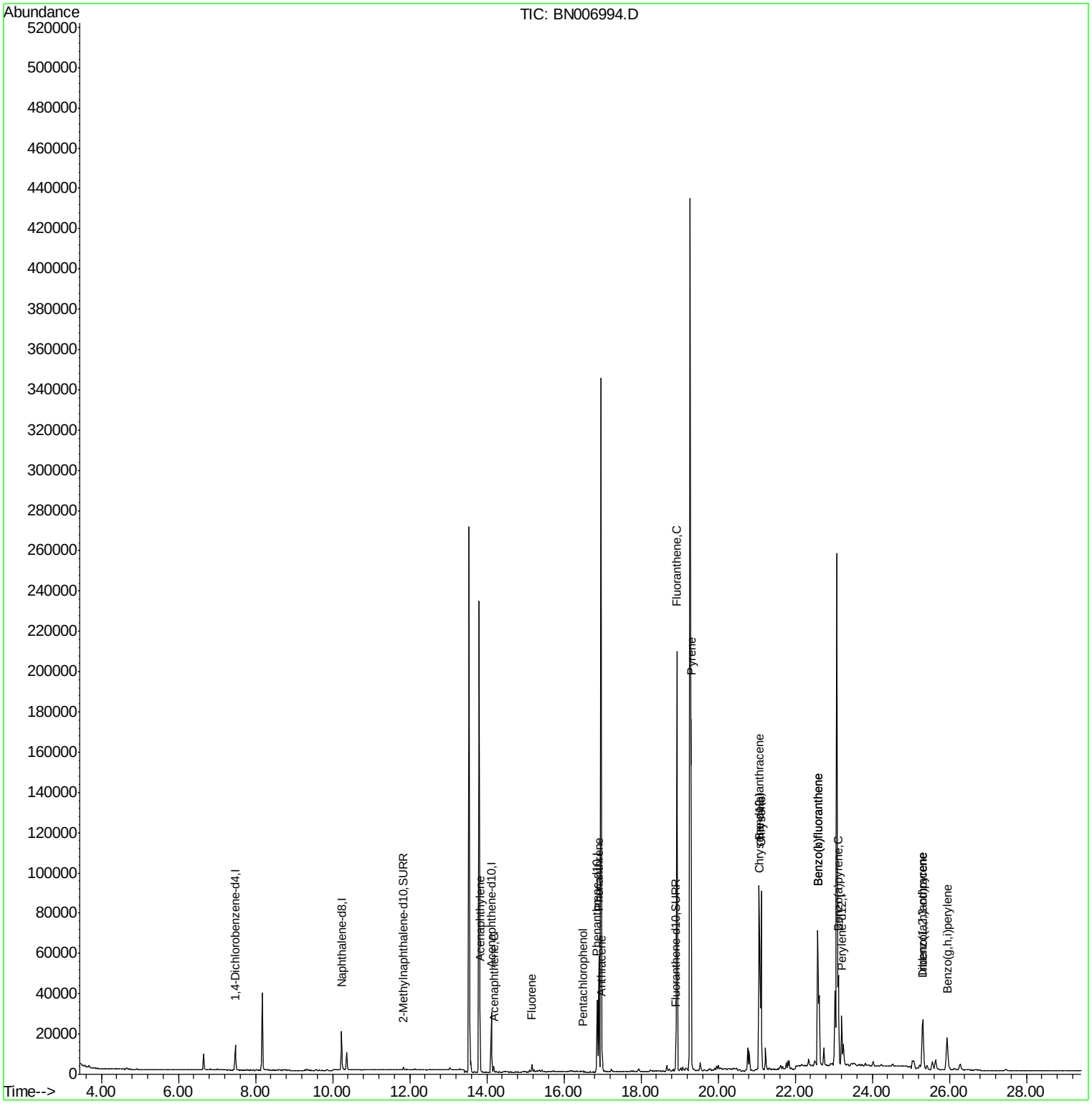
(#) = qualifier out of range (m) = manual integration (+) = signals summed

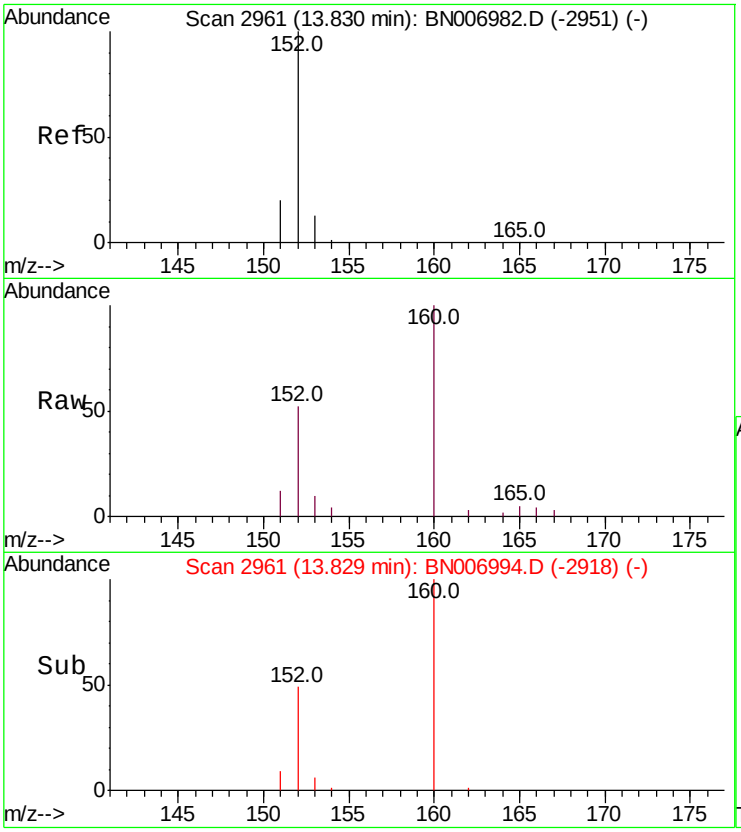
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN006994.D
Acq On : 07 Aug 2019 19:09
Operator : HP/JU
Sample : K3893-01DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 08 04:52:08 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



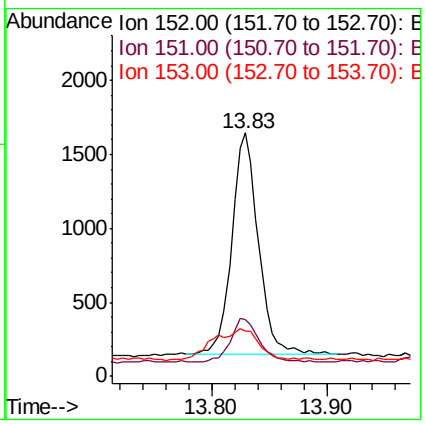


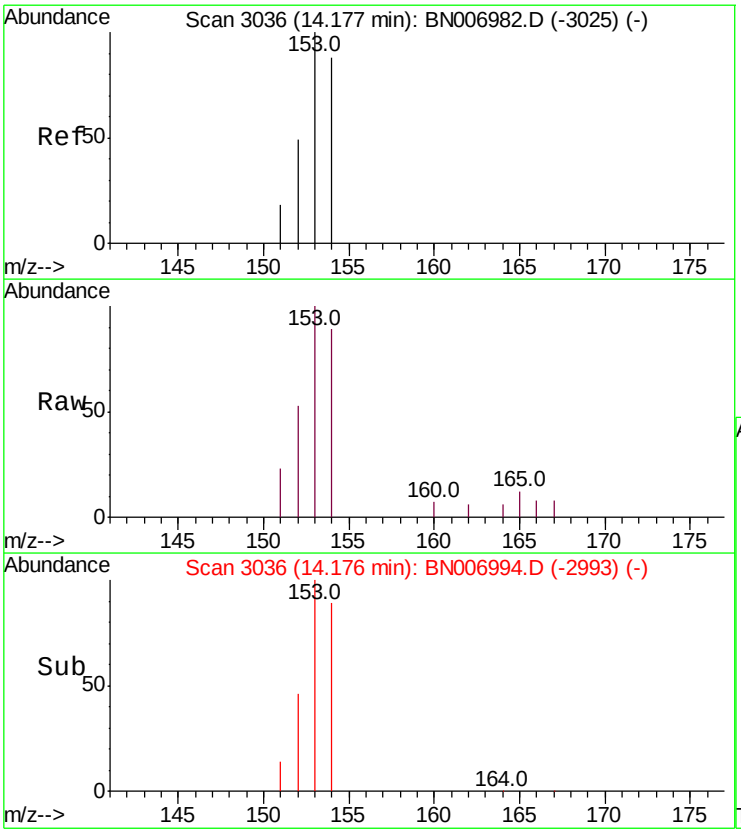
#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.83 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2410

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.3	24.5
153	18.8	11.0	16.4#

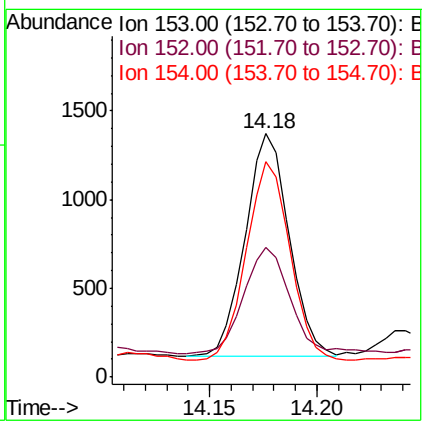


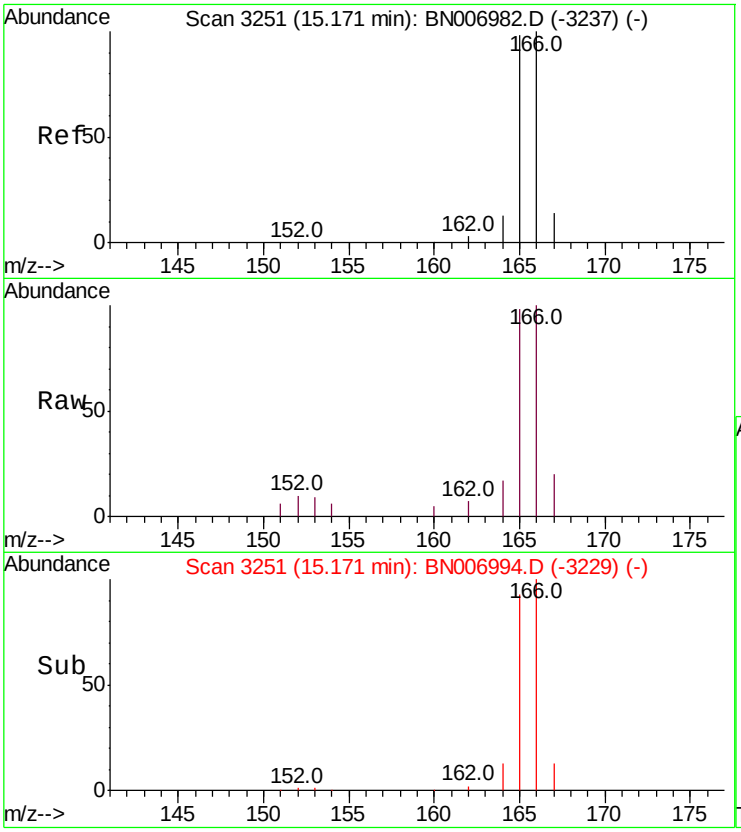


#8
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.18 min Scan# 3036
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Tgt Ion:153 Resp: 1790

Ion	Ratio	Lower	Upper
153	100		
152	53.1	39.4	59.2
154	88.6	70.1	105.1



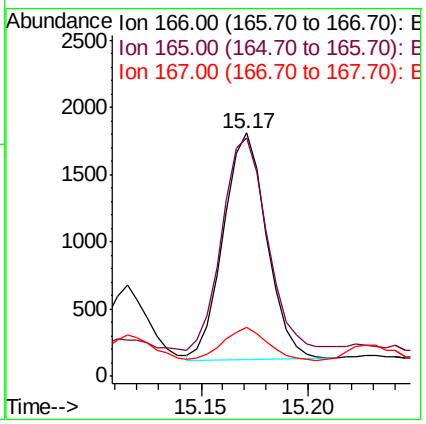


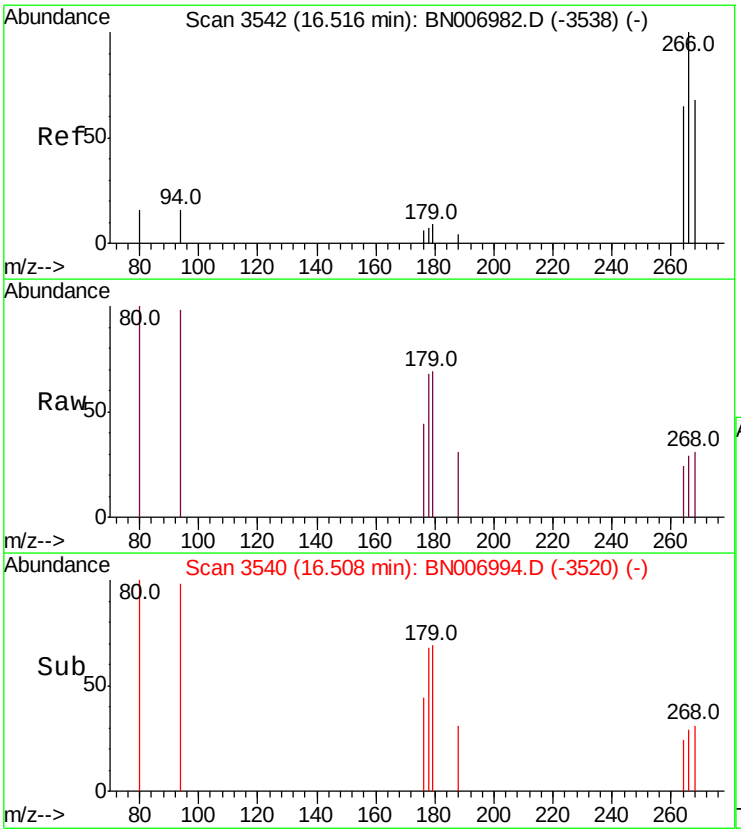
#9
Fluorene
Concen: 0.030 ng/ul
RT: 15.17 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 2358

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	20.1	11.3	16.9#

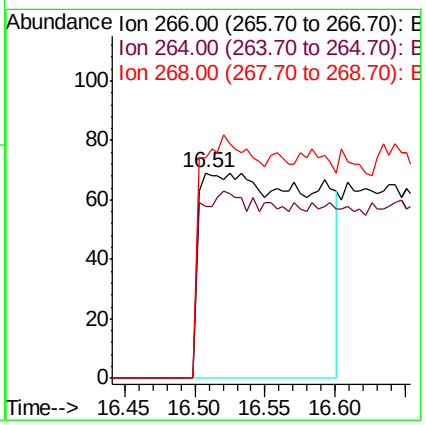


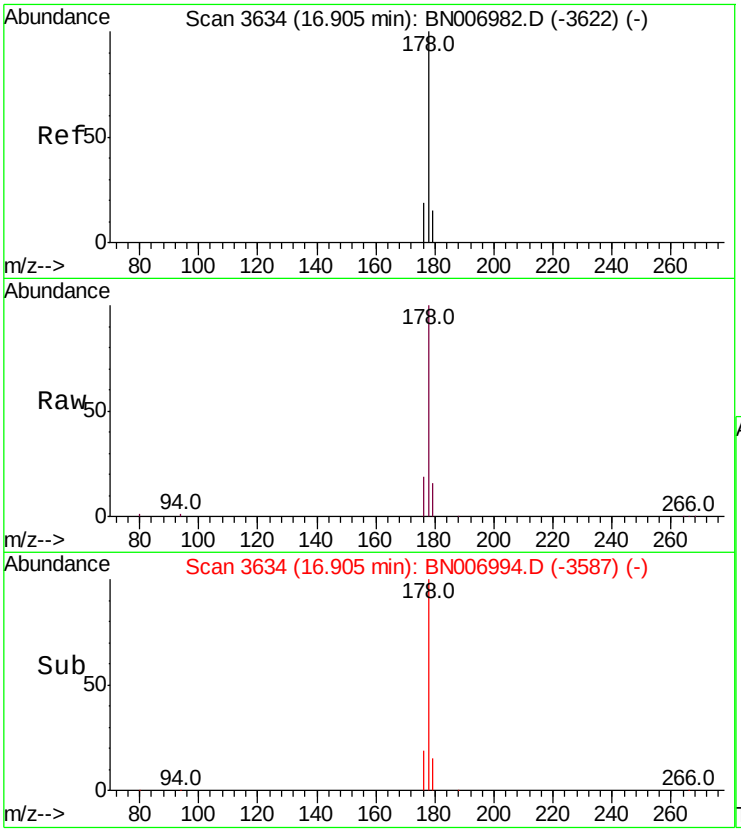


#11
Pentachlorophenol
Concen: 0.035 ng/ul
RT: 16.51 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Tgt Ion:266 Resp: 398

Ion	Ratio	Lower	Upper
266	100		
264	90.2	55.7	83.5#
268	115.3	75.2	112.8#



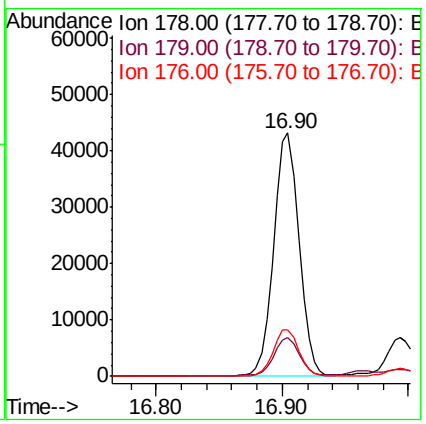


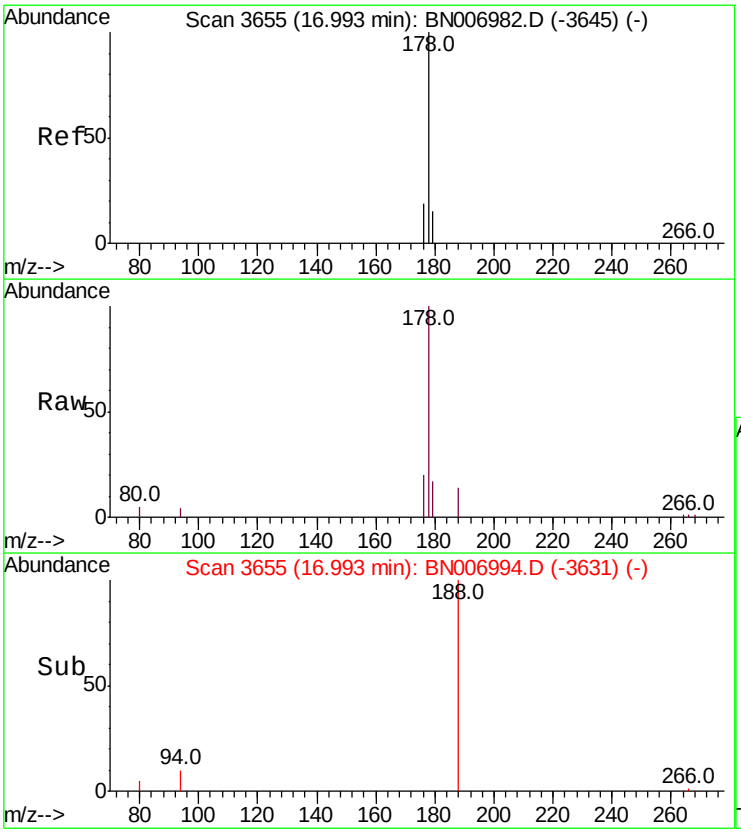
#12
Phenanthrene
Concen: 0.456 ng/ul
RT: 16.90 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 59388

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	19.0	15.6	23.4

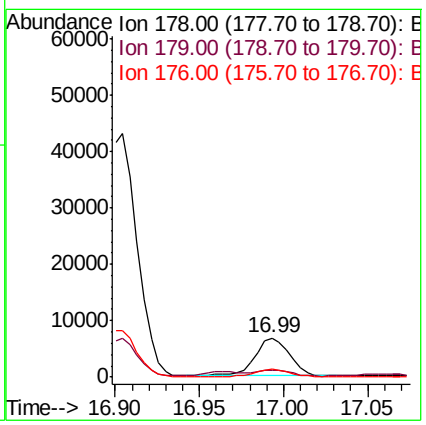


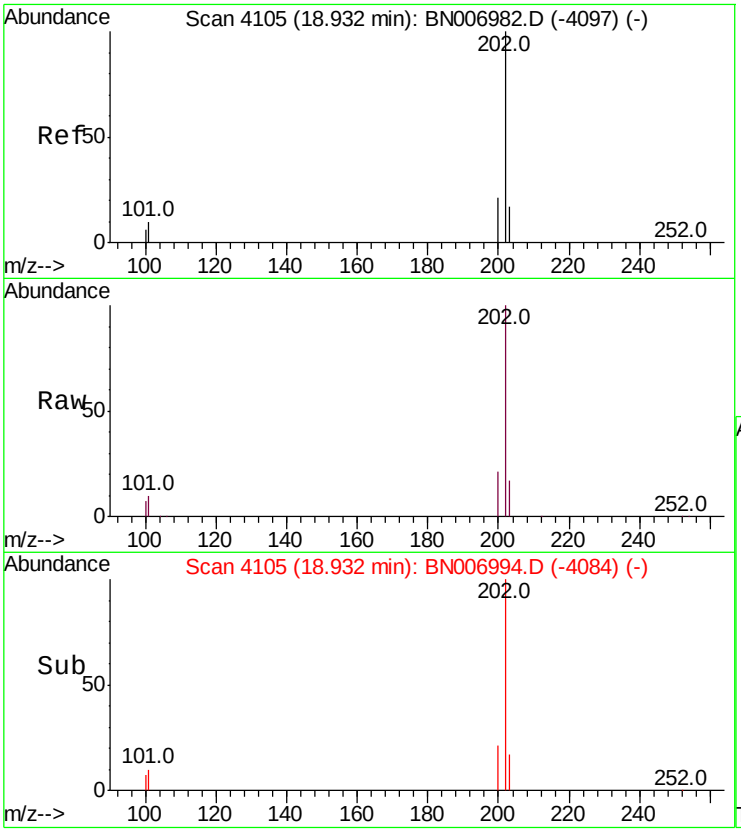


#13
Anthracene
Concen: 0.073 ng/ul
RT: 16.99 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Tgt Ion:178 Resp: 9677

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.6	18.8
176	19.8	15.4	23.0



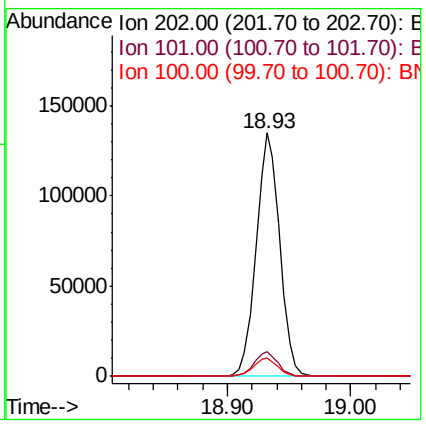


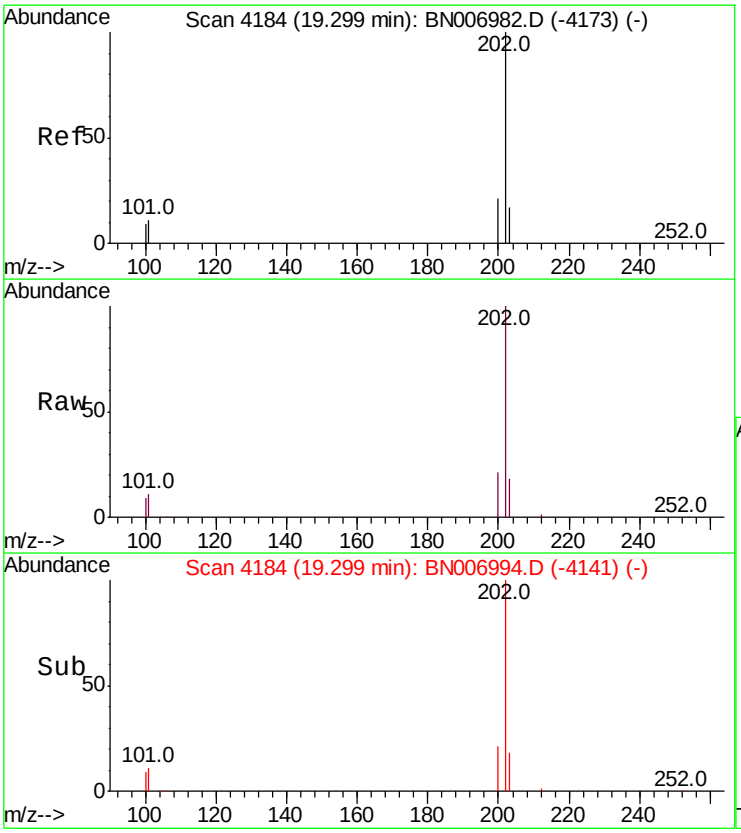
#15
Fluoranthene
Concen: 1.107 ng/ul
RT: 18.93 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 179252

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.0
100	7.4	0.0	27.7

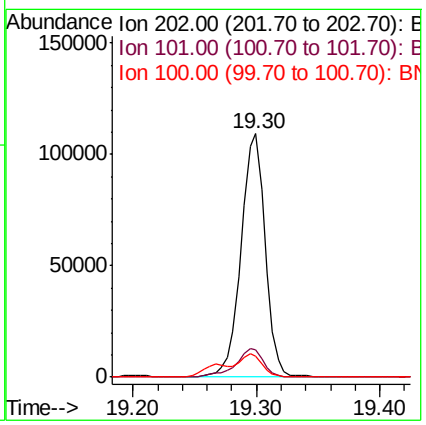


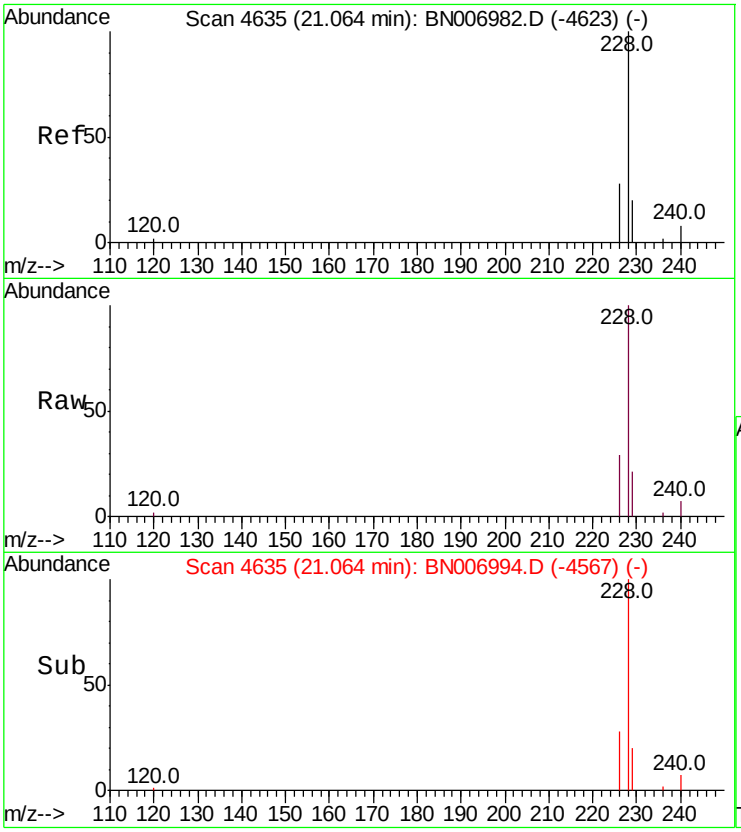


#17
Pyrene
Concen: 0.986 ng/ul
RT: 19.30 min Scan# 4184
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Tgt Ion:202 Resp: 148392

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.3	13.9
100	8.8	7.3	10.9



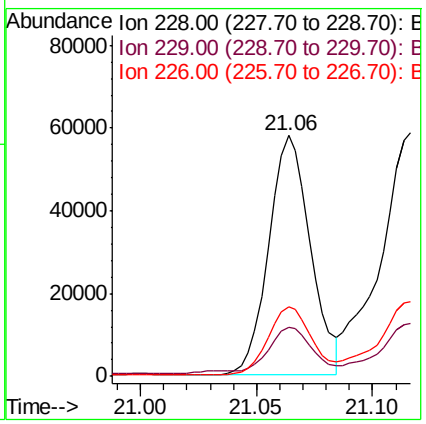


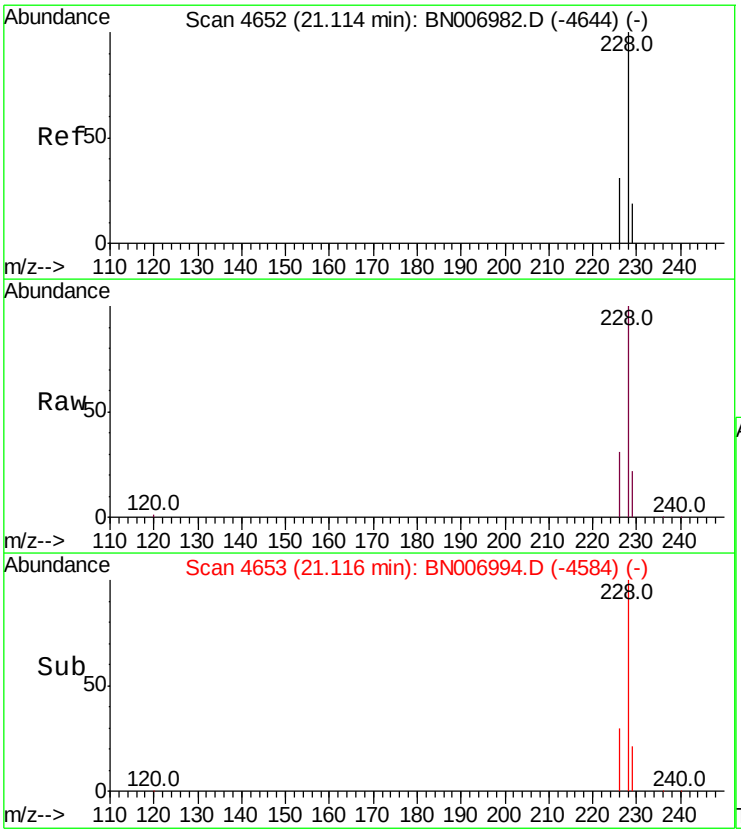
#18
Benzo(a)anthracene
Concen: 0.488 ng/ul
RT: 21.06 min Scan# 4635
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 72264

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	28.9	22.2	33.4

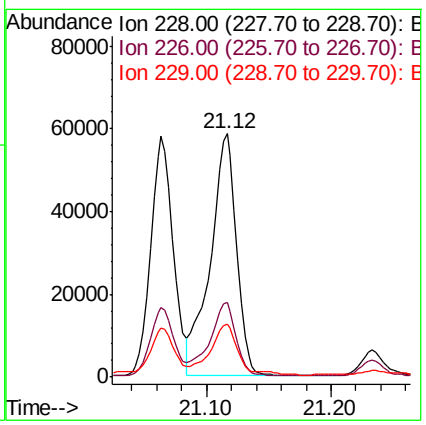


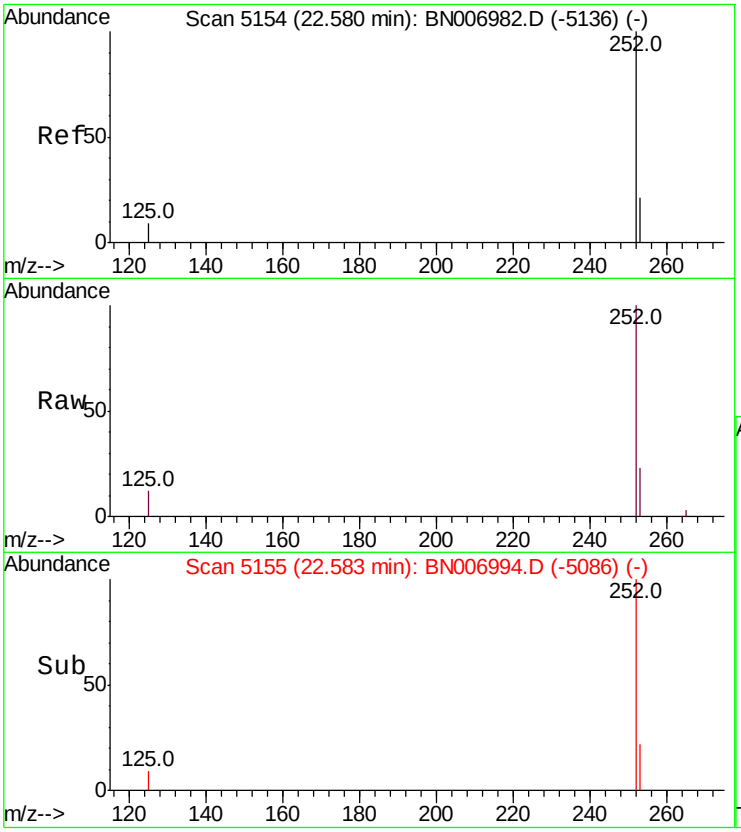


#19
Chrysene
Concen: 0.616 ng/ul
RT: 21.12 min Scan# 4653
Delta R.T. 0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Tgt Ion:228 Resp: 85448

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	22.0	15.5	23.3



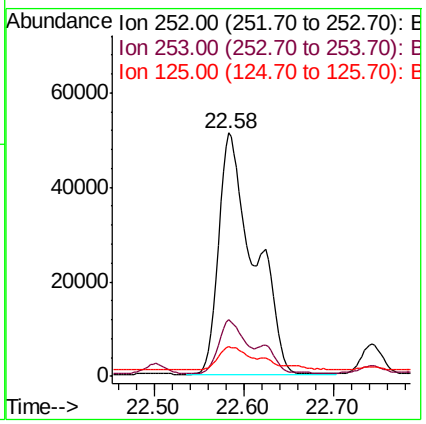


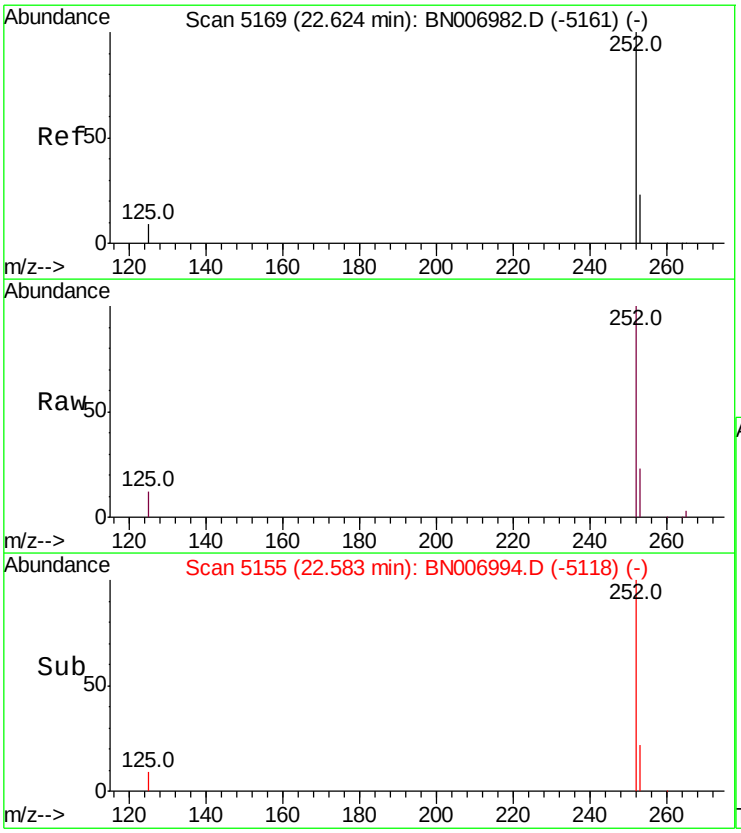
#21
Benzo(b)fluoranthene
Concen: 1.206 ng/ul
RT: 22.58 min Scan# 5155
Delta R.T. 0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 140421

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	45.2
125	12.1	0.0	22.2

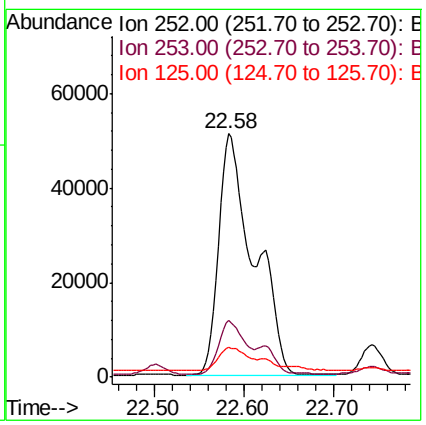


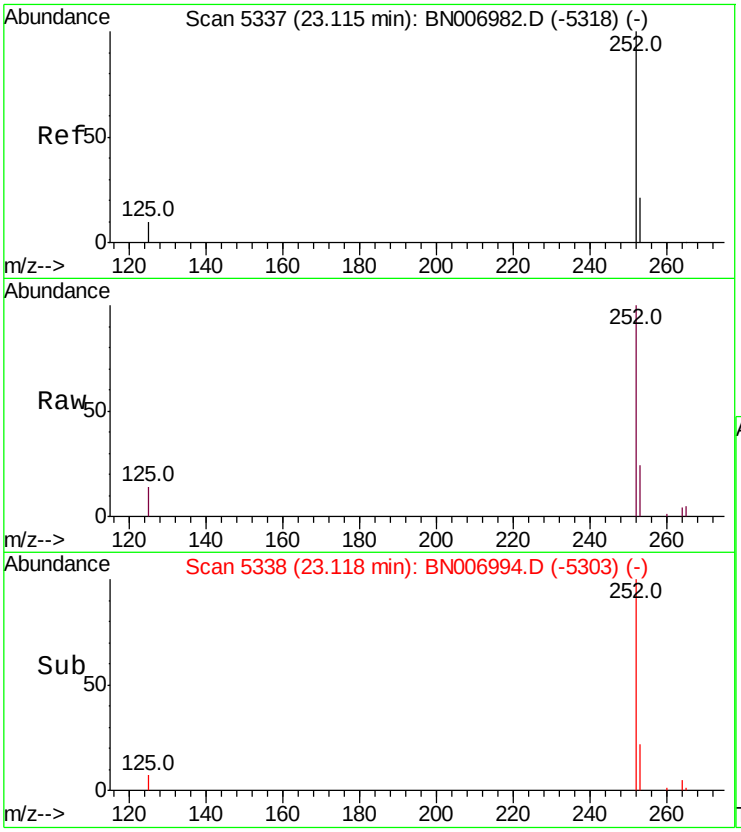


#22
Benzo(k)fluoranthene
Concen: 1.244 ng/ul
RT: 22.58 min Scan# 5155
Delta R.T. -0.04 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Tgt Ion:252 Resp: 140421

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	12.1	8.7	13.1



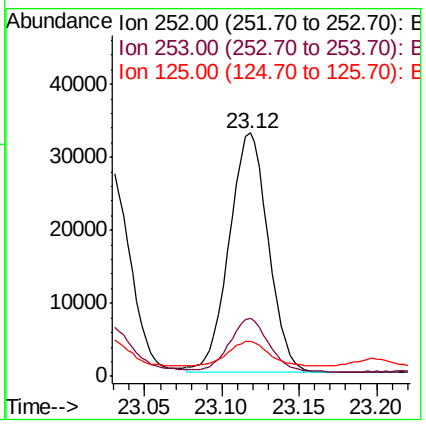


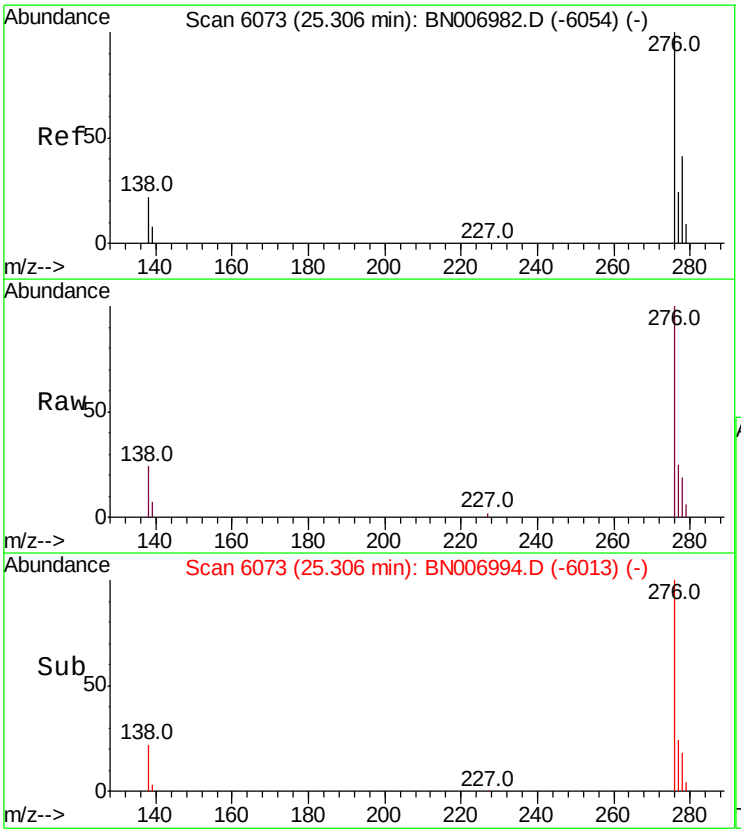
#23
Benzo(a)pyrene
Concen: 0.531 ng/ul
RT: 23.12 min Scan# 5338
Delta R.T. 0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 58174

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	14.1	10.0	15.0

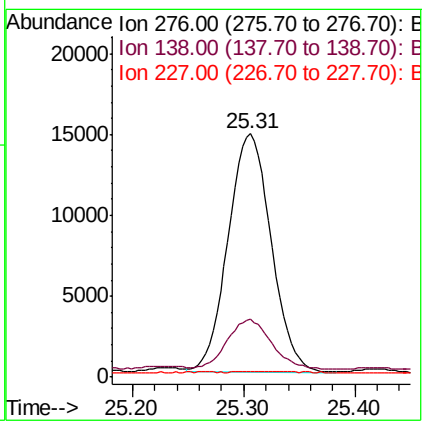


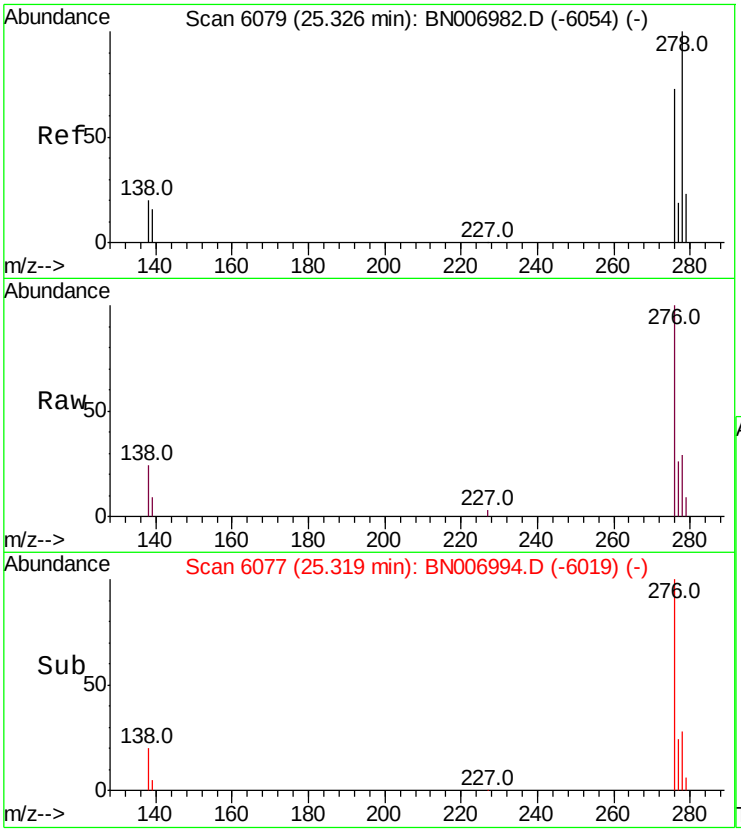


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 25.31 min Scan# 6073
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Tgt Ion:276 Resp: 40002

Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.9	29.9
227	0.0	0.2	0.4#



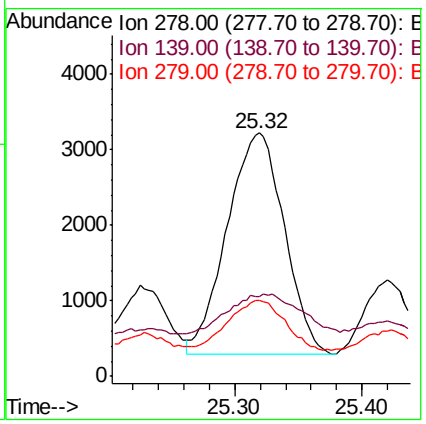


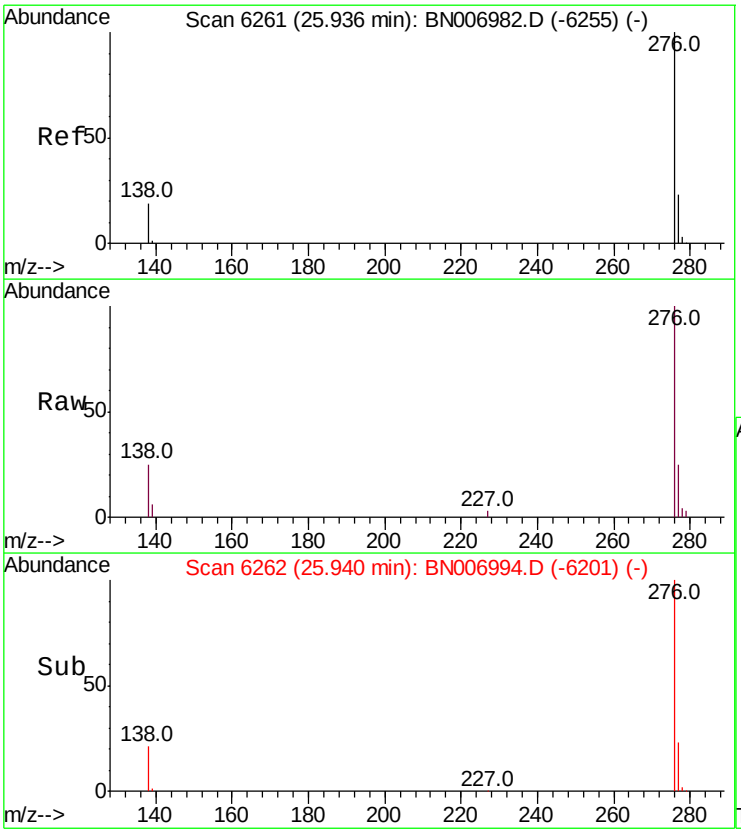
#25
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 25.32 min Scan# 6077
Delta R.T. -0.01 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Instrument :
BNA_N
ClientSampleId :

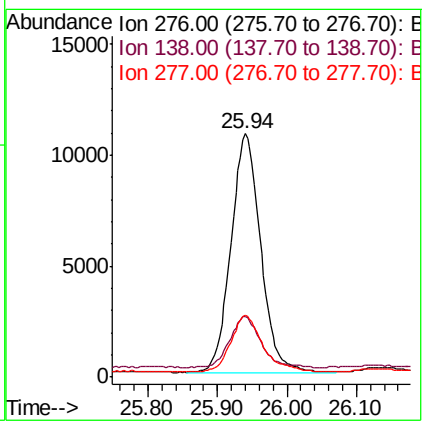
Tgt Ion:278 Resp: 9147

Ion	Ratio	Lower	Upper
278	100		
139	32.8	14.3	21.5#
279	31.2	19.6	29.4#





#26
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 25.94 min Scan# 6262
Delta R.T. 0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Tgt Ion:276 Resp: 31963

Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.7	28.1
277	25.1	19.3	28.9