Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012927.D
Acq On : 06 Dec 2020 20:53
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BD0

Quant Time: Dec 07 03:10:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 03:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1827	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	7658	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4357	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	9150	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	7455	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6835	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1441	0.13	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	3316	0.13	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.77	152	2645	0.128	ng/ul	100
8) Acenaphthene	14.12	153	815	0.048	ng/ul	98
9) Fluorene	15.12	166	1324	0.068	ng/ul	98
12) Phenanthrene	16.85	178	39301	1.281	ng/ul	97
13) Anthracene	16.95	178	5737	0.220	ng/ul	97
15) Fluoranthene	18.88	202	99249	2.722	ng/ul	99
17) Pyrene	19.25	202	81275	2.308	ng/ul	97
18) Benzo(a)anthracene	21.02	228	38663	1.254	ng/ul	99
19) Chrysene	21.07	228	39972	1.173	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	74071	2.342	ng/ul	90
22) Benzo(k)fluoranthene	22.52	252	74071	2.119	ng/ul#	90
23) Benzo(a)pyrene	23.18	252	5501	0.187	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.19	276	22732	0.590	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.20	278	5313	0.174	ng/ul	98
26) Benzo(g,h,i)perylene	25.82	276	19386	0.556	ng/ul	98

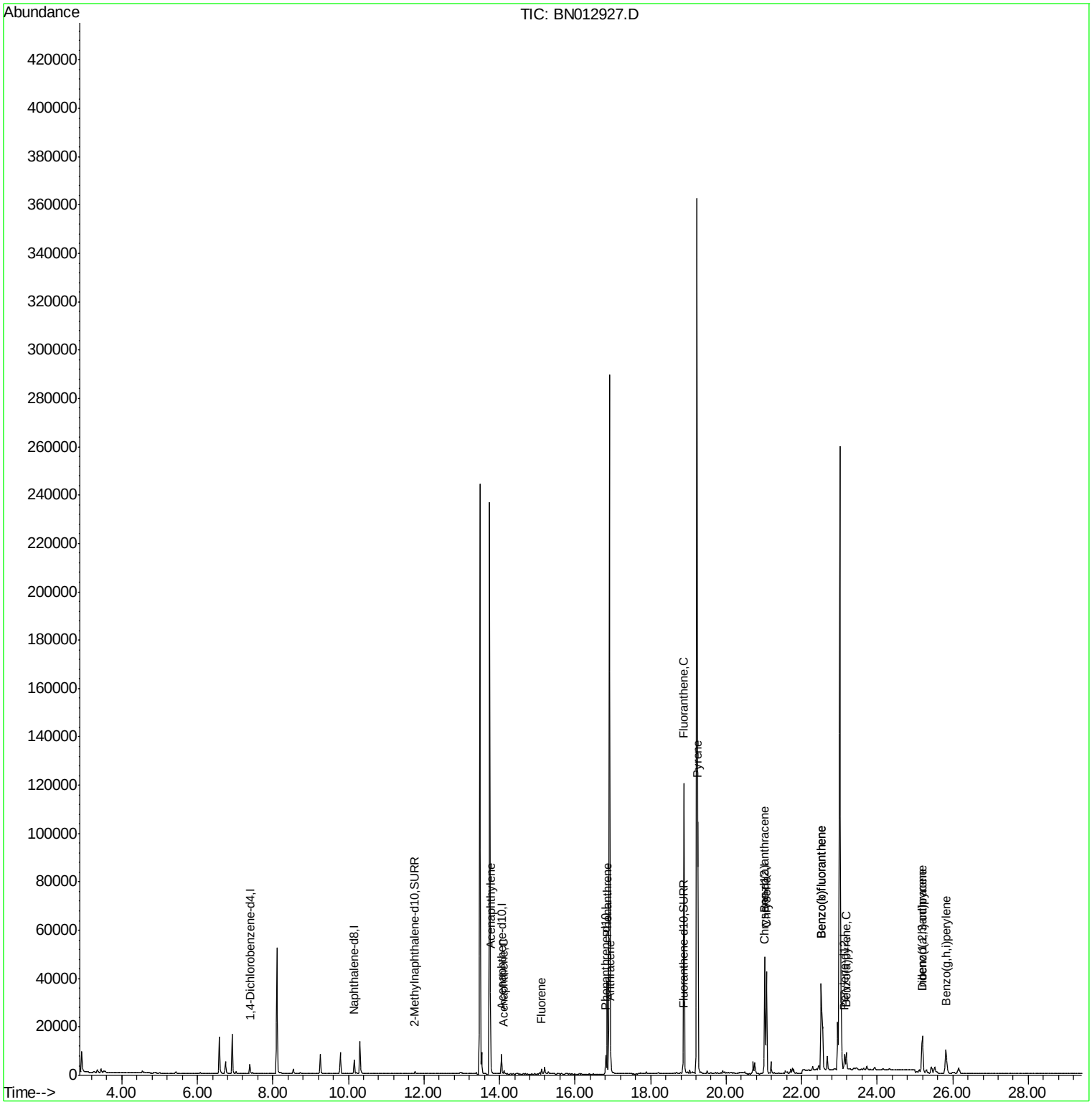
(#) = qualifier out of range (m) = manual integration (+) = signals summed

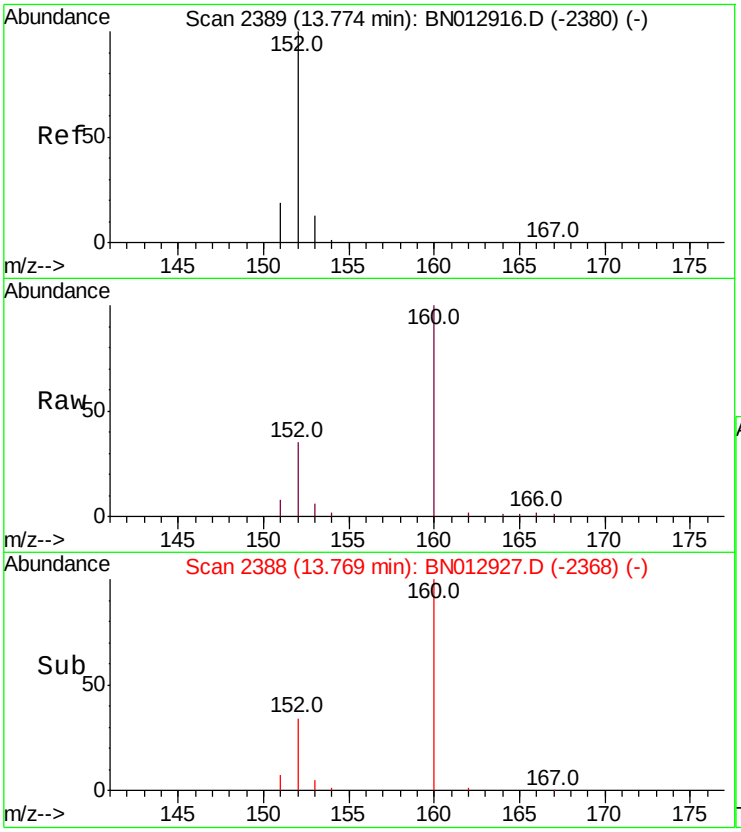
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012927.D
Acq On : 06 Dec 2020 20:53
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BD0

Quant Time: Dec 07 03:10:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 03:06:53 2020
Response via : Initial Calibration



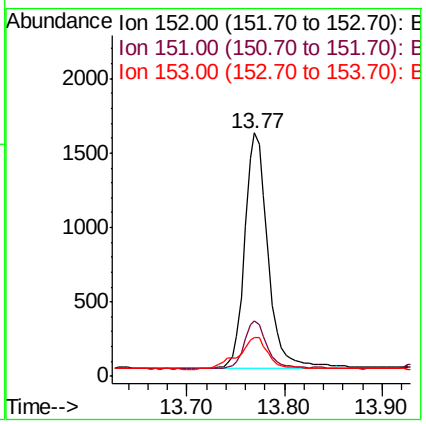


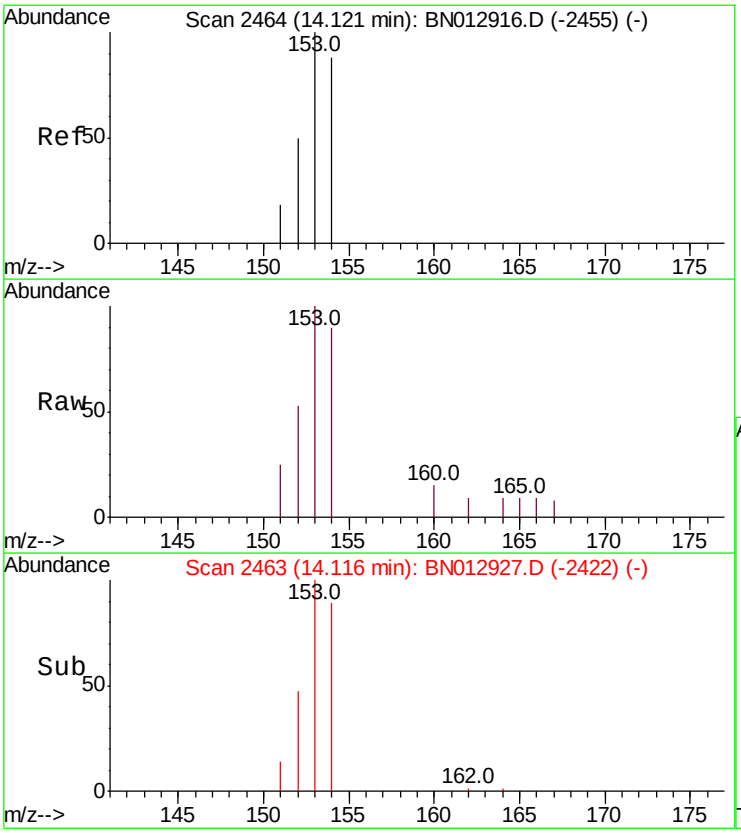
#7
Acenaphthylene
Concen: 0.128 ng/ul
RT: 13.77 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C0BD0

Tgt Ion:152 Resp: 2645

Ion	Ratio	Lower	Upper
152	100		
151	23.0	18.2	27.4
153	16.2	13.1	19.7

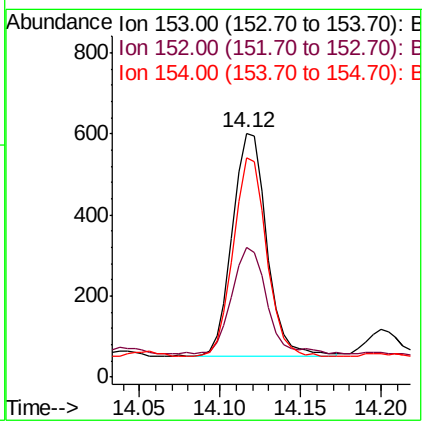


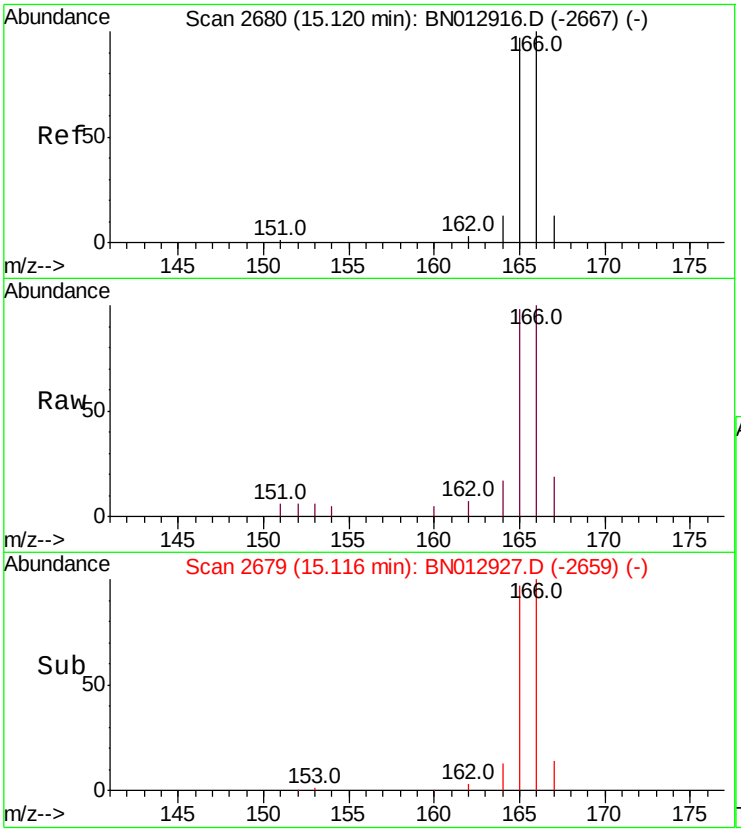


#8
Acenaphthene
Concen: 0.048 ng/ul
RT: 14.12 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Tgt Ion:153 Resp: 815

Ion	Ratio	Lower	Upper
153	100		
152	53.2	40.7	61.1
154	90.2	70.8	106.2



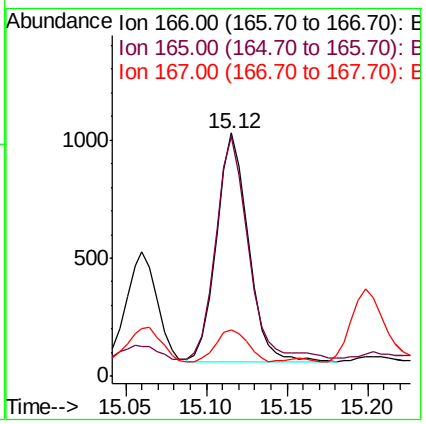


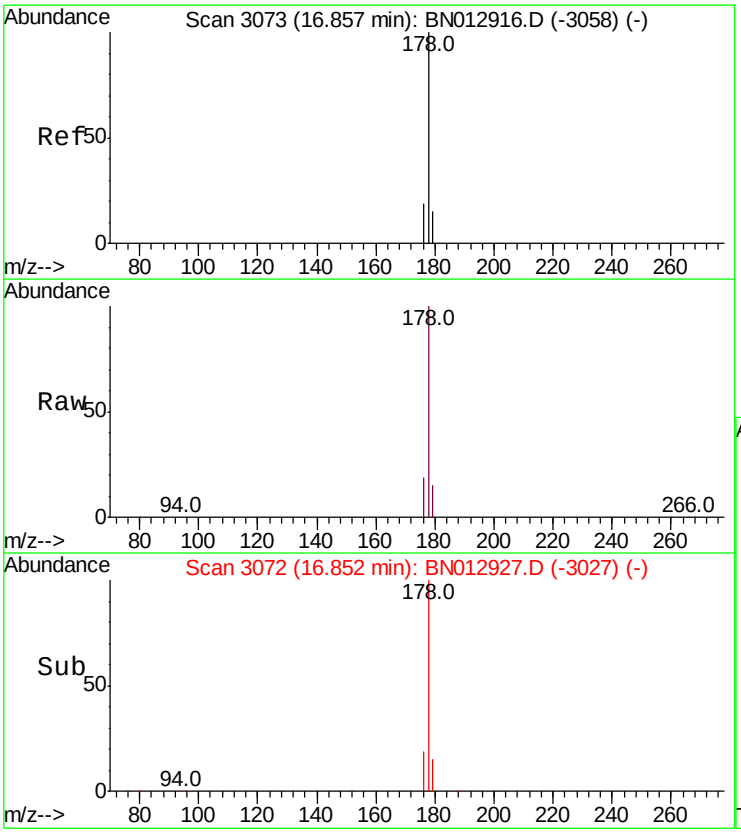
#9
Fluorene
Concen: 0.068 ng/ul
RT: 15.12 min Scan# 2679
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C0BD0

Tgt Ion:166 Resp: 1324

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	19.2	13.8	20.8

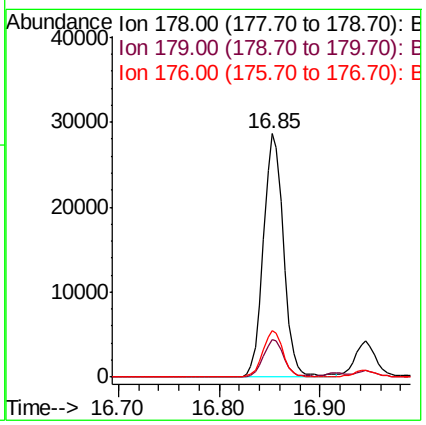


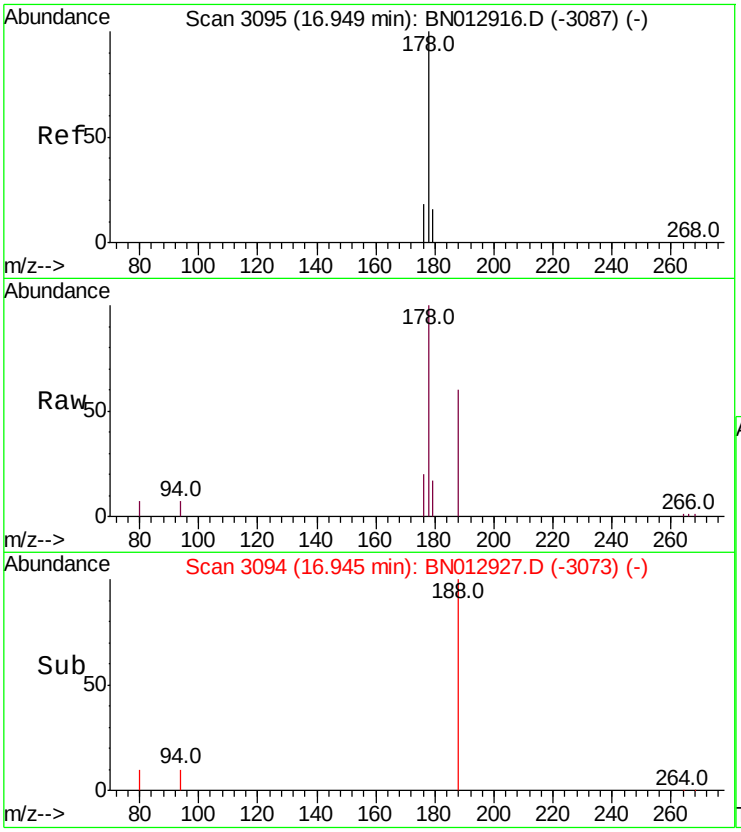


#12
Phenanthrene
Concen: 1.281 ng/ul
RT: 16.85 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Tgt Ion:178 Resp: 39301

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.6	20.4
176	19.1	16.4	24.6



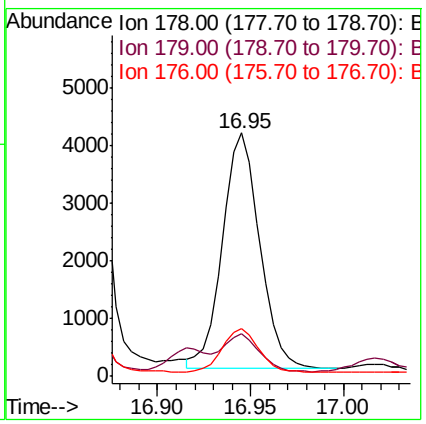


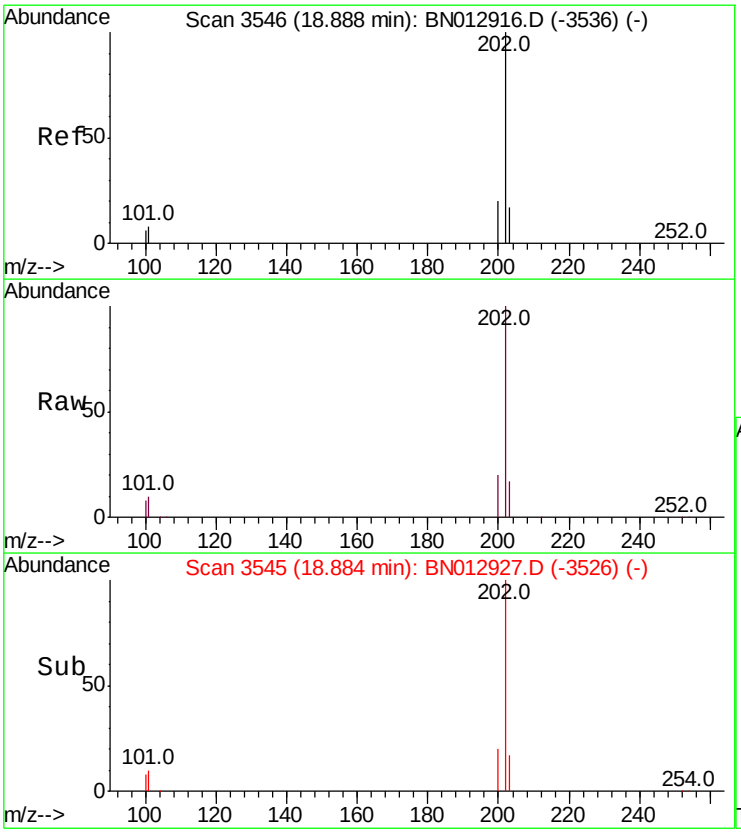
#13
Anthracene
Concen: 0.220 ng/ul
RT: 16.95 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C0BD0

Tgt Ion:178 Resp: 5737

Ion	Ratio	Lower	Upper
178	100		
179	17.3	14.6	21.8
176	19.6	17.1	25.7

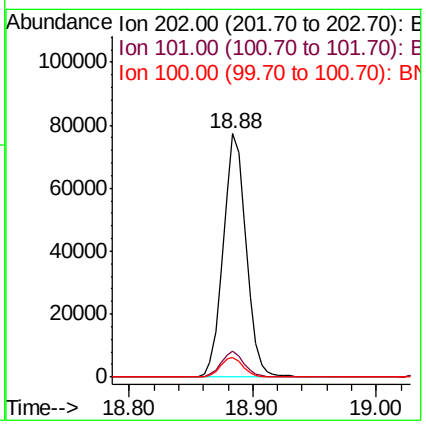


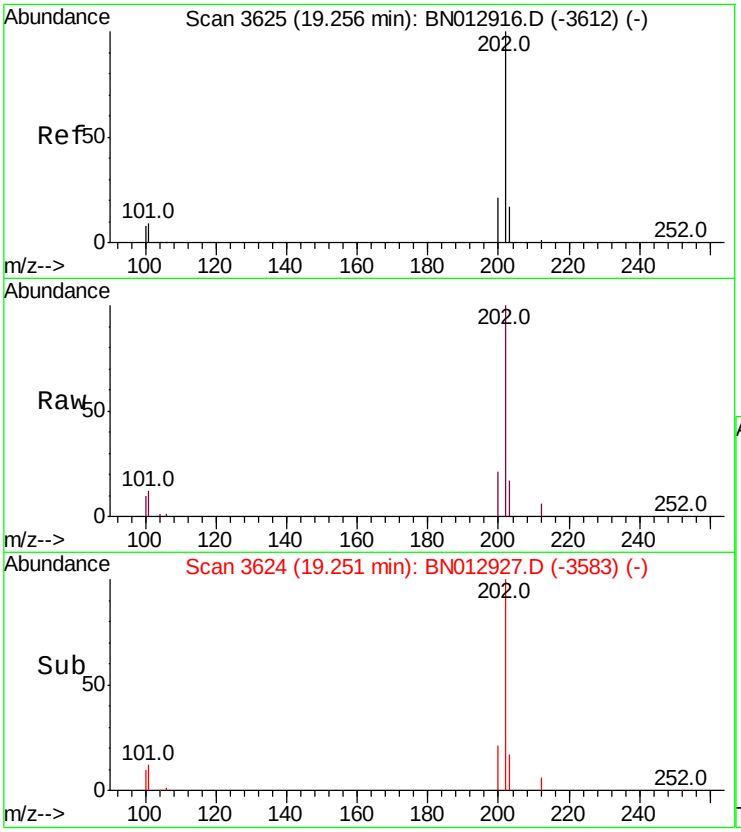


#15
Fluoranthene
Concen: 2.722 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Tgt Ion:202 Resp: 99249

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.6
100	8.0	0.0	28.7



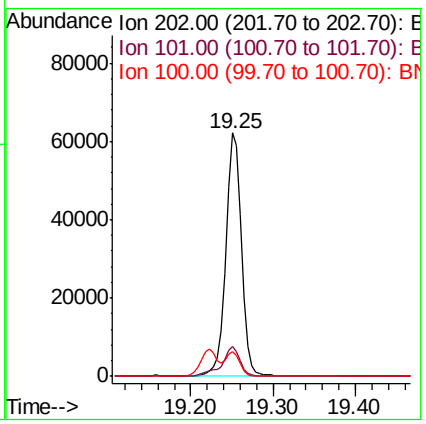


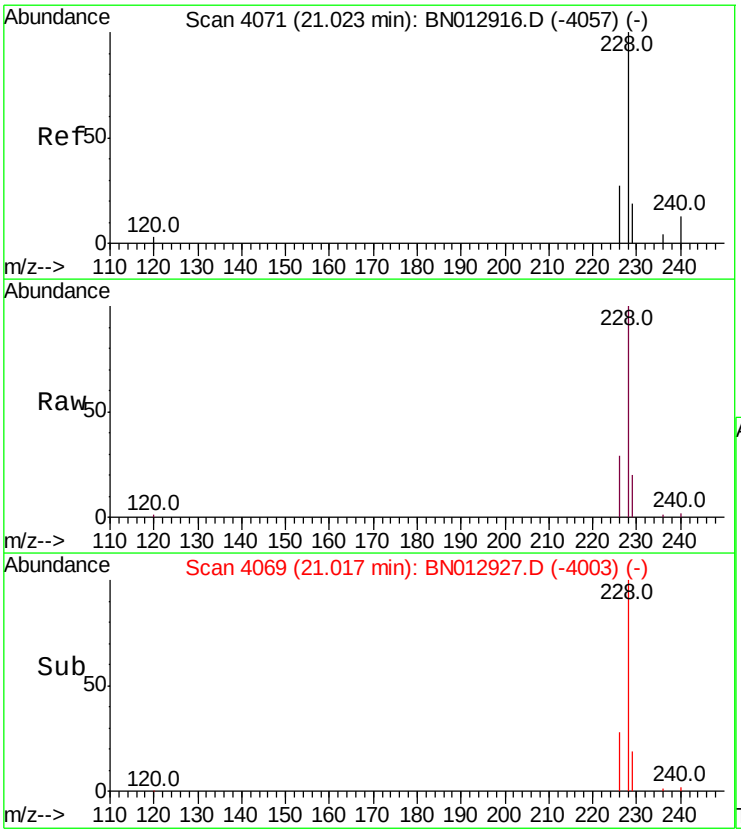
#17
Pyrene
Concen: 2.308 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C0BD0

Tgt Ion:202 Resp: 81275

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.1	13.7
100	10.4	7.5	11.3

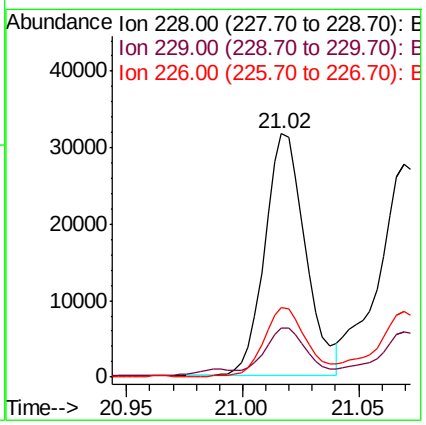


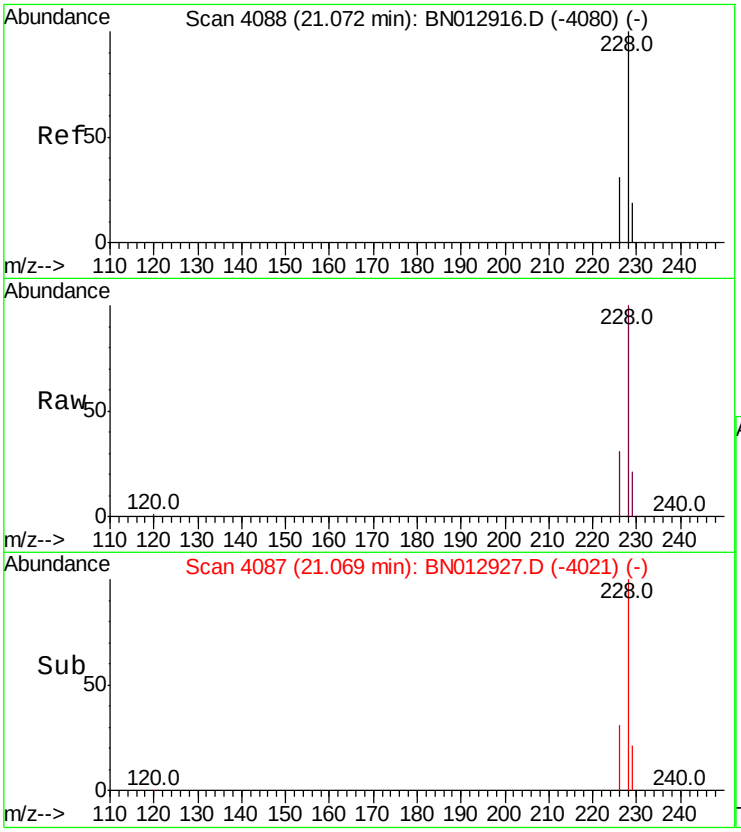


#18
Benzo(a)anthracene
Concen: 1.254 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Tgt Ion:228 Resp: 38663

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.3	24.5
226	28.6	23.4	35.2



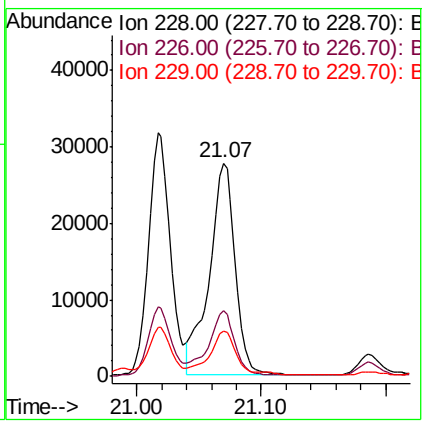


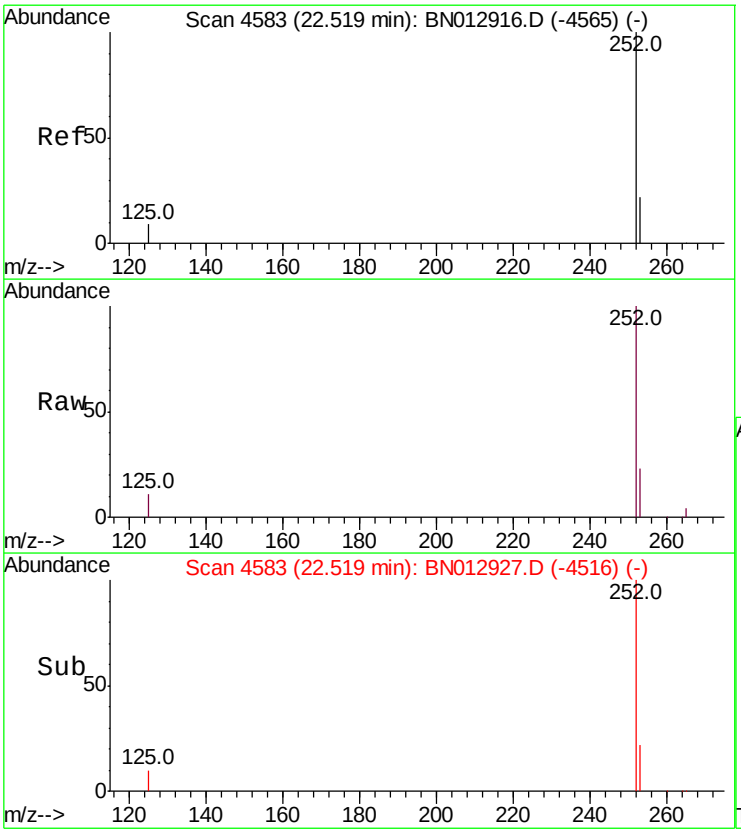
#19
Chrysene
Concen: 1.173 ng/ul
RT: 21.07 min Scan# 4087
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C0BD0

Tgt Ion:228 Resp: 39972

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.3	16.4	24.6

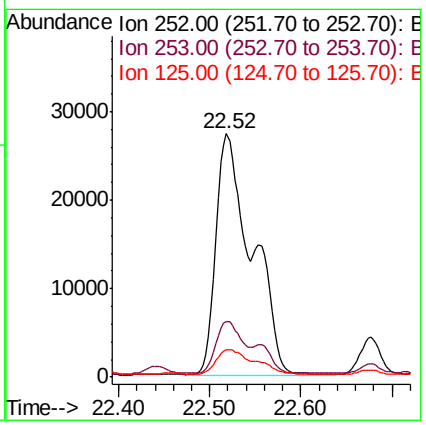


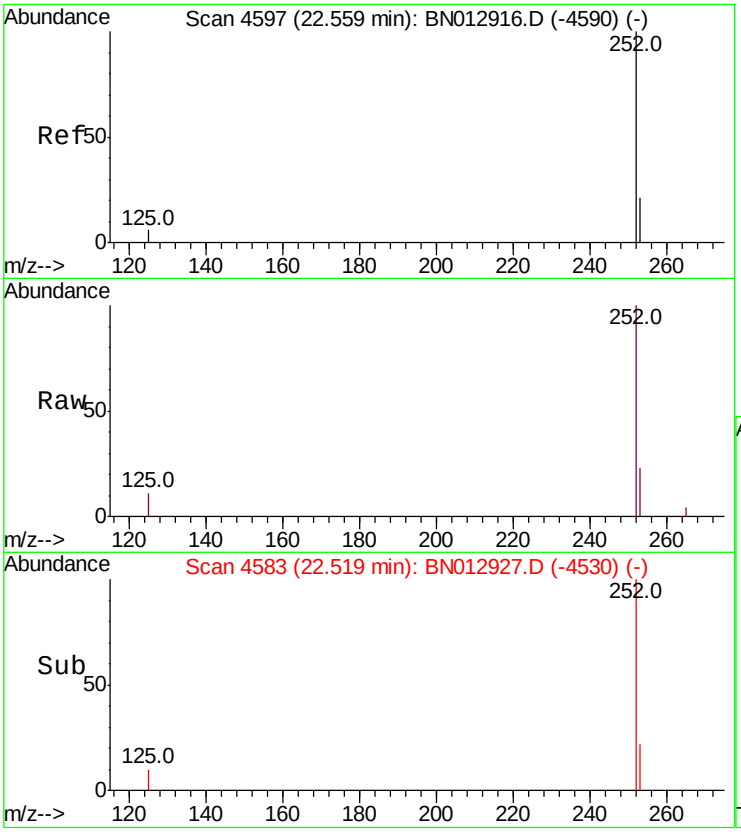


#21
Benzo(b)fluoranthene
Concen: 2.342 ng/ul
RT: 22.52 min Scan# 4583
Delta R.T. -0.00 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Tgt Ion:252 Resp: 74071

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	59.6
125	11.1	0.0	26.0



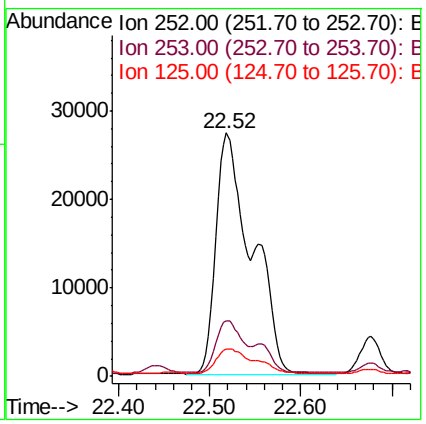


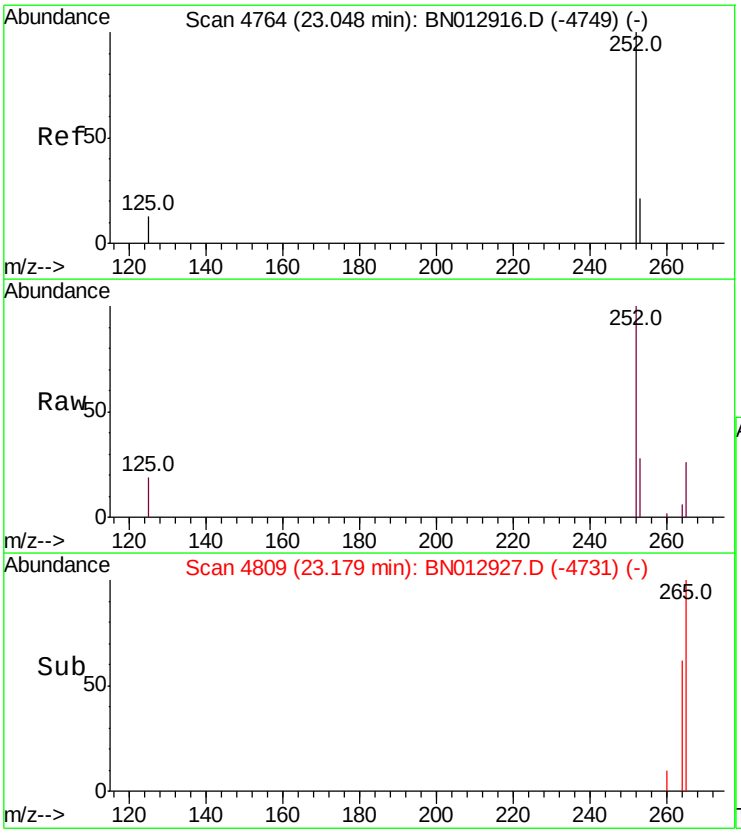
#22
Benzo(k)fluoranthene
Concen: 2.119 ng/ul
RT: 22.52 min Scan# 4583
Delta R.T. -0.04 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C0BD0

Tgt Ion:252 Resp: 74071

Ion	Ratio	Lower	Upper
252	100		
253	22.9	23.4	35.2#
125	11.1	11.1	16.7#

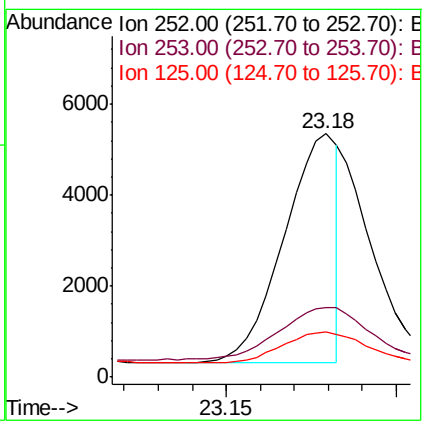


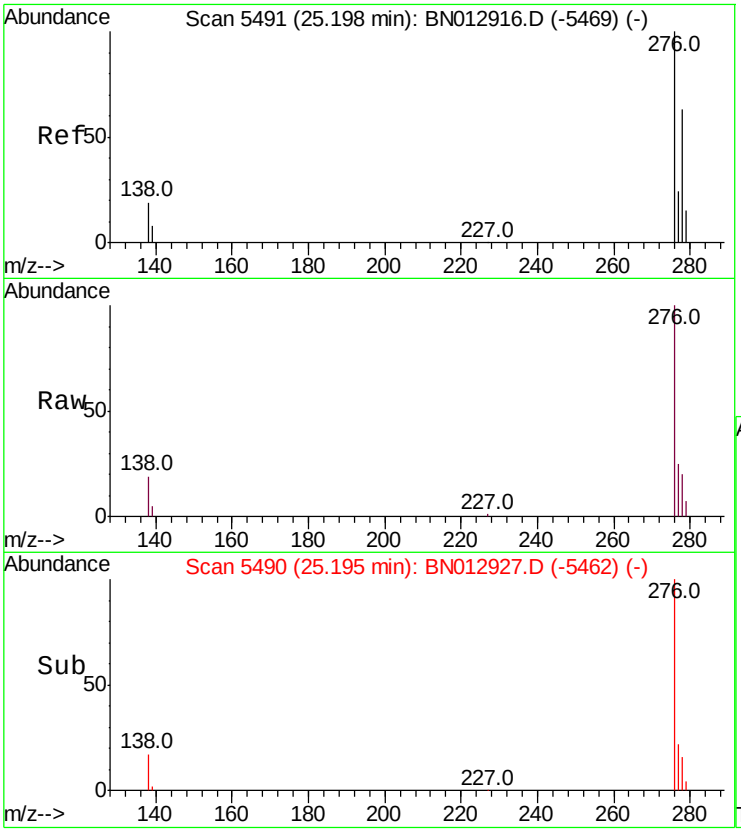


#23
Benzo(a)pyrene
Concen: 0.187 ng/ul
RT: 23.18 min Scan# 4809
Delta R.T. 0.13 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Tgt Ion:252 Resp: 5501

Ion	Ratio	Lower	Upper
252	100		
253	28.3	26.5	39.7
125	18.7	14.2	21.2



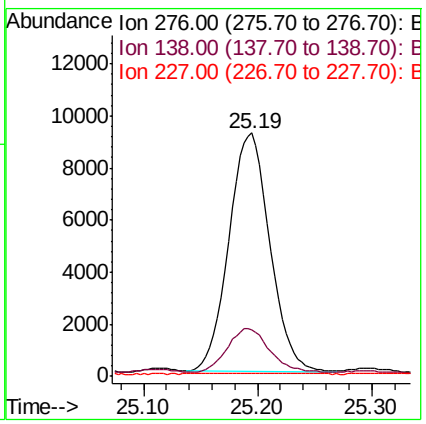


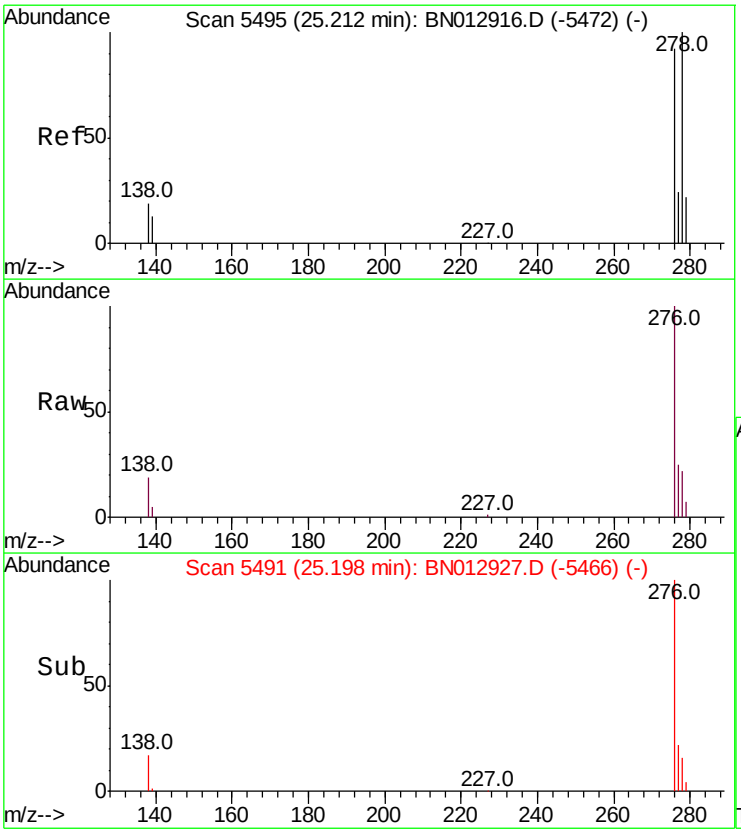
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.590 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C0BD0

Tgt Ion:276 Resp: 22732

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.2	24.2
227	0.1	0.0	0.0#

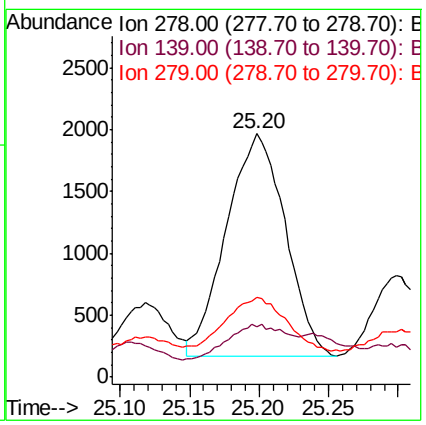


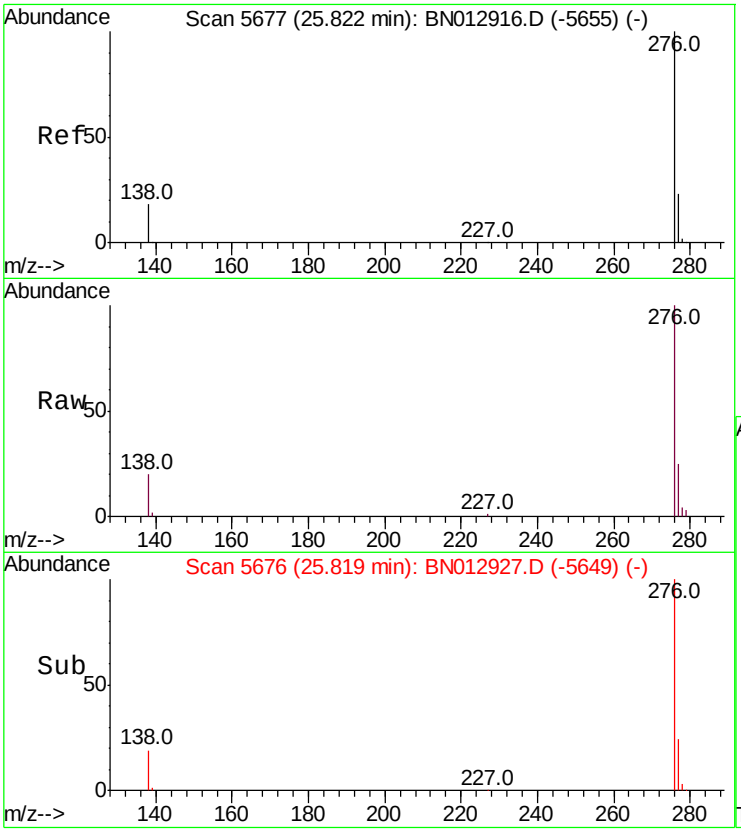


#25
Dibenzo(a,h)anthracene
Concen: 0.174 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.02 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Tgt Ion:278 Resp: 5313

Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.5	21.7
279	32.7	26.3	39.5





#26
Benzo(g,h,i)perylene
Concen: 0.556 ng/ul
RT: 25.82 min Scan# 5676
Delta R.T. -0.01 min
Lab File: BN012927.D
Acq: 06 Dec 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C0BD0

Tgt Ion:276 Resp: 19386

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.3	24.5
277	25.5	21.8	32.6