Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003702.D
Acq On : 04 Dec 2018 16:21
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.484

Quant Time: Dec 04 17:30:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4759	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	19091	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	10065	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	22663	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	21017	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	18263	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	11445	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	25395	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	21631	0.403	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	15078	0.403	ng/ul	100
7) Acenaphthylene	14.20	152	18241	0.402	ng/ul	100
8) Acenaphthene	14.54	153	15955	0.402	ng/ul	99
9) Fluorene	15.52	166	17994	0.389	ng/ul	100
11) Pentachlorophenol	16.86	266	1627	0.399	ng/ul	99
12) Phenanthrene	17.26	178	30263	0.407	ng/ul	99
13) Anthracene	17.35	178	24942	0.408	ng/ul	100
15) Fluoranthene	19.27	202	34894	0.397	ng/ul	98
17) Pyrene	19.63	202	33603	0.446	ng/ul	98
18) Benzo(a)anthracene	21.38	228	27506	0.414	ng/ul	99
19) Chrysene	21.43	228	30366	0.400	ng/ul	100
21) Benzo(b)fluoranthene	23.00	252	30515	0.404	ng/ul	99
22) Benzo(k)fluoranthene	23.05	252	29819	0.405	ng/ul	99
23) Benzo(a)pyrene	23.60	252	26978	0.412	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	28547	0.381	ng/ul	98
25) Dibenzo(a,h)anthracene	26.07	278	22622	0.375	ng/ul	99
26) Benzo(g,h,i)perylene	26.78	276	24365	0.374	ng/ul	99

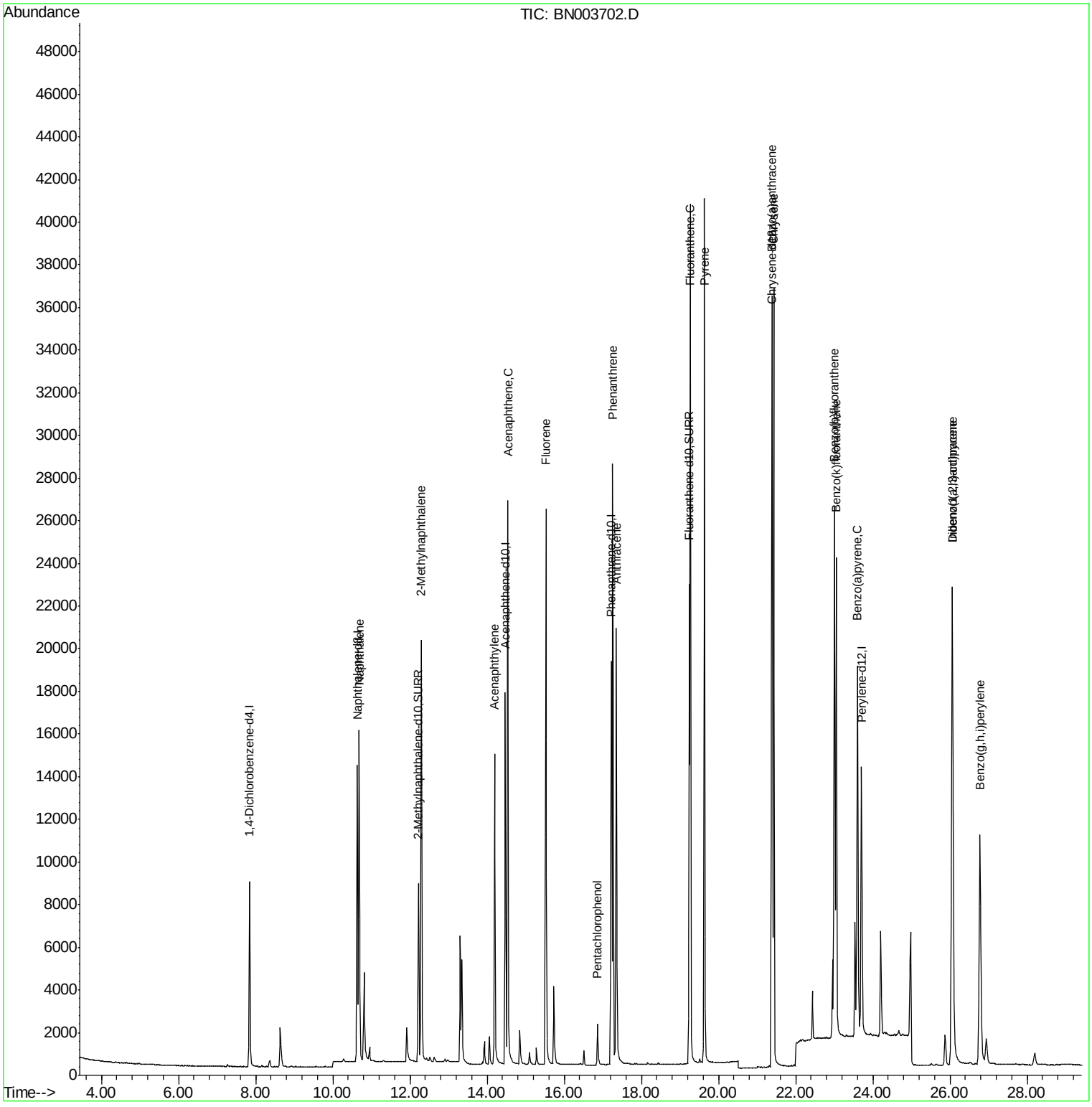
(#) = qualifier out of range (m) = manual integration (+) = signals summed

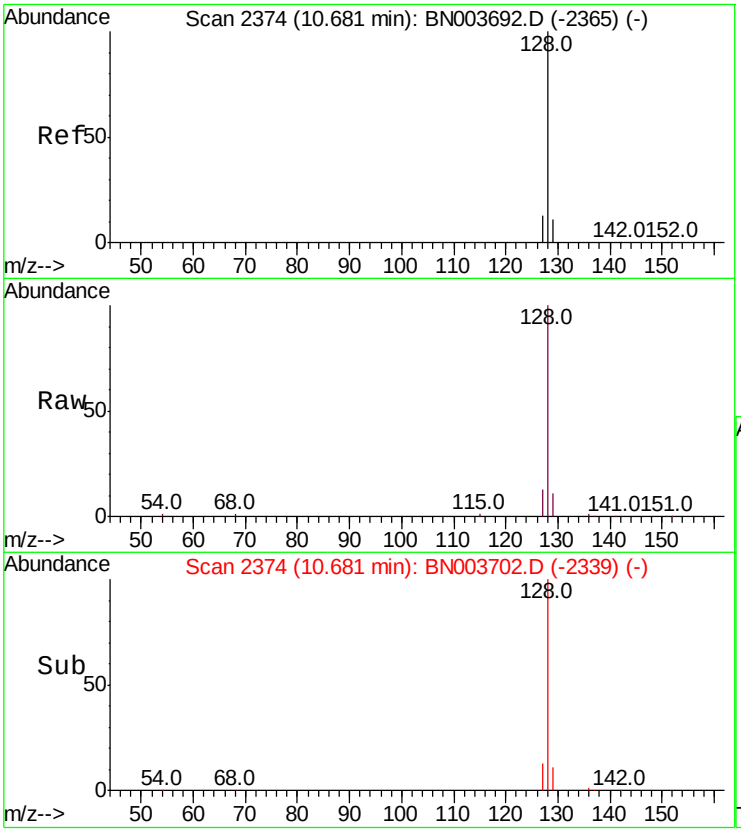
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003702.D
Acq On : 04 Dec 2018 16:21
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.484

Quant Time: Dec 04 17:30:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration



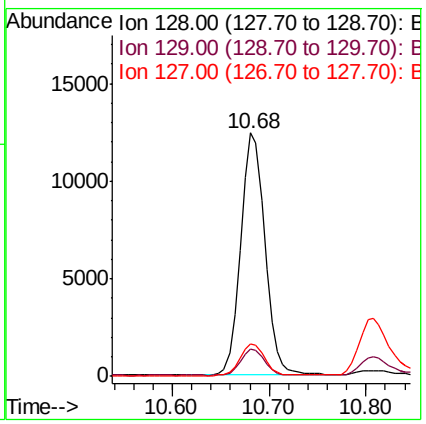


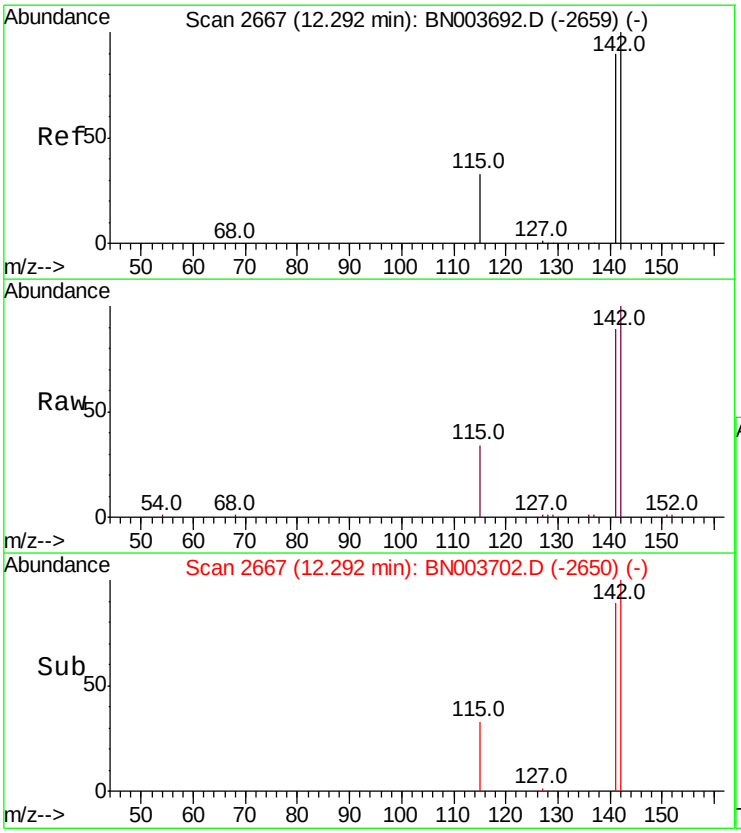
#3
Naphthalene
Concen: 0.403 ng/ul
RT: 10.68 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.484

Tgt Ion:128 Resp: 21631

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.5	10.5	15.7

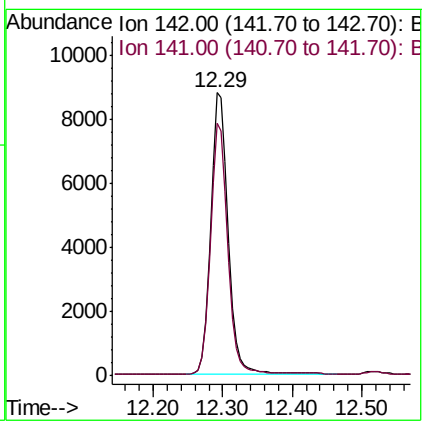


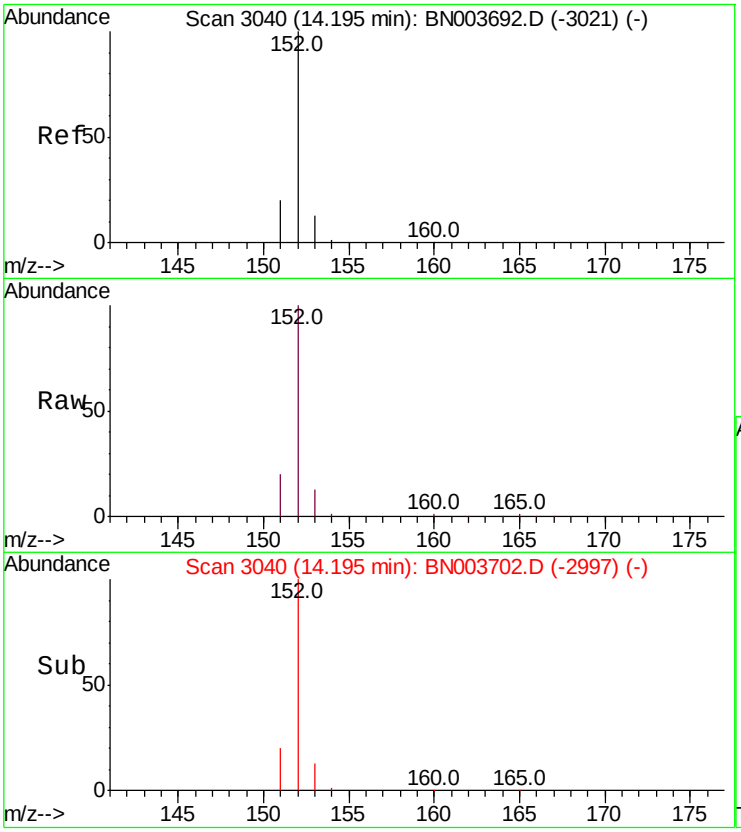


#5
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. -0.01 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Tgt Ion:142 Resp: 15078

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.5	107.3



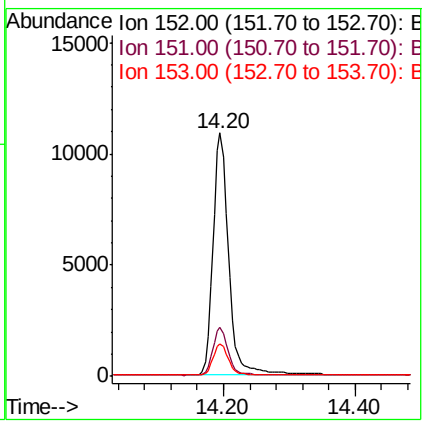


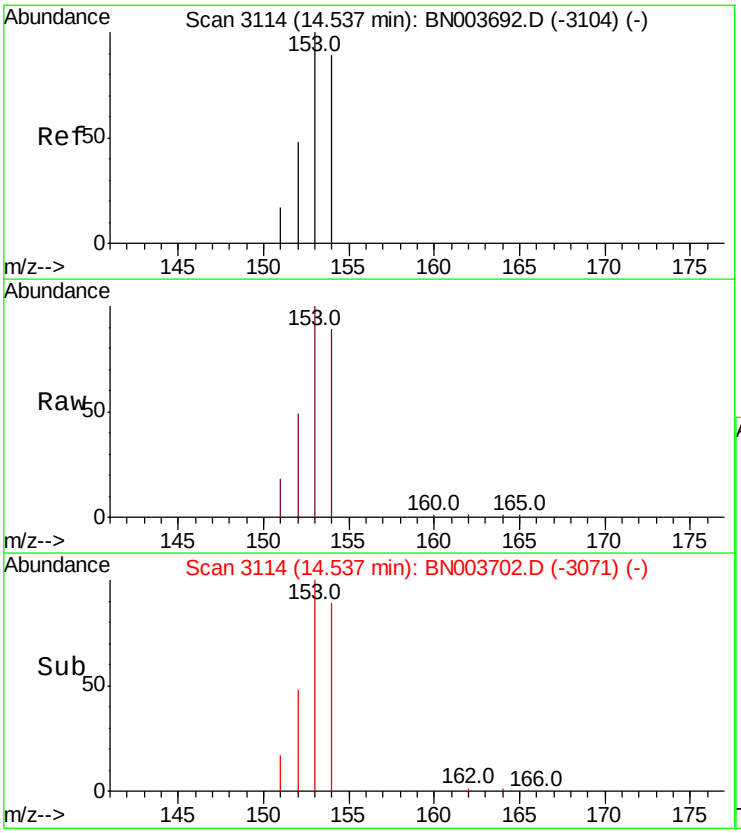
#7
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.20 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.484

Tgt Ion:152 Resp: 18241

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.4	10.7	16.1

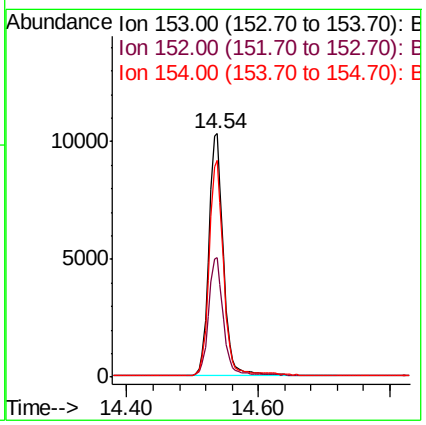


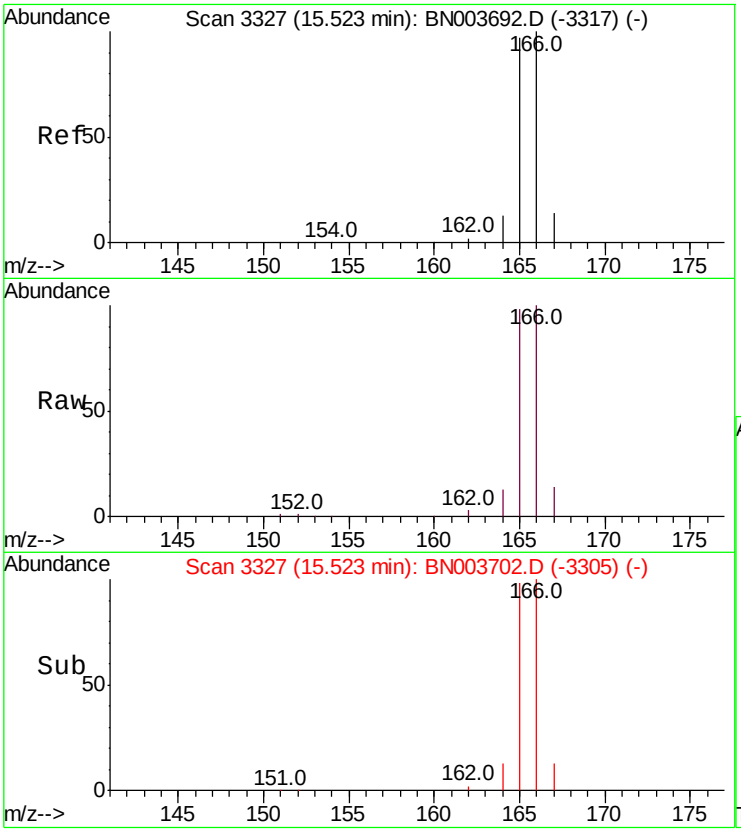


#8
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.54 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Tgt Ion:153 Resp: 15955

Ion	Ratio	Lower	Upper
153	100		
152	48.8	39.3	58.9
154	89.2	70.3	105.5



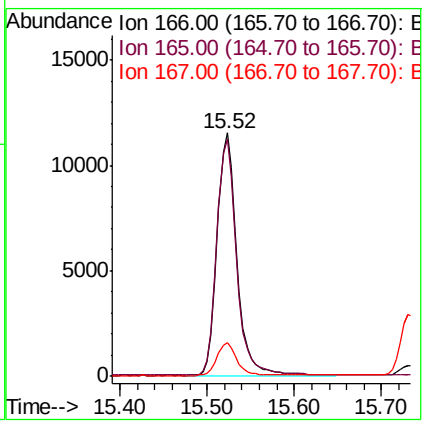


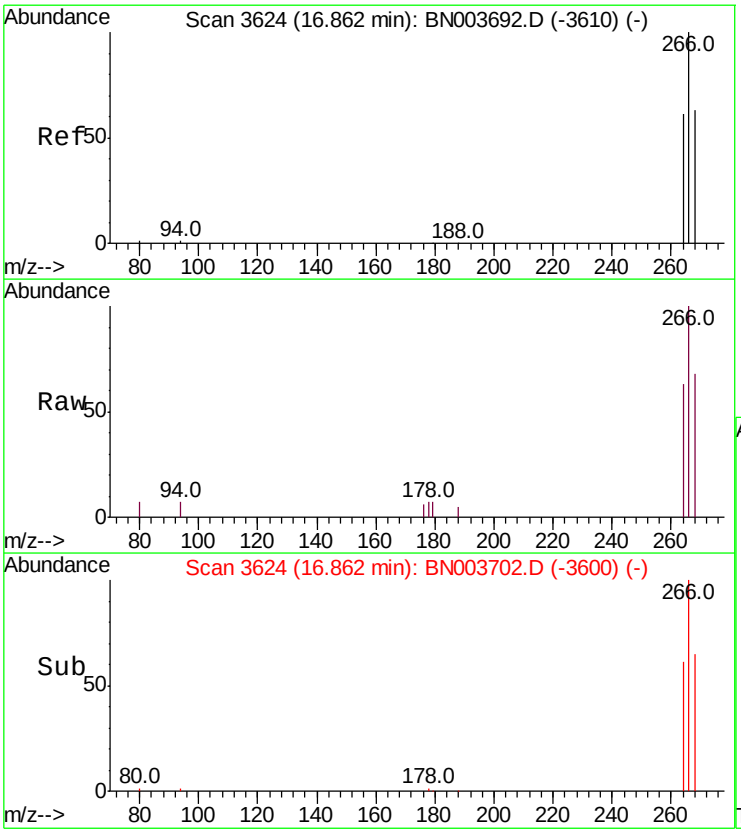
#9
Fluorene
Concen: 0.389 ng/ul
RT: 15.52 min Scan# 3327
Delta R.T. 0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.484

Tgt Ion:166 Resp: 17994

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.3	117.5
167	13.8	11.3	16.9

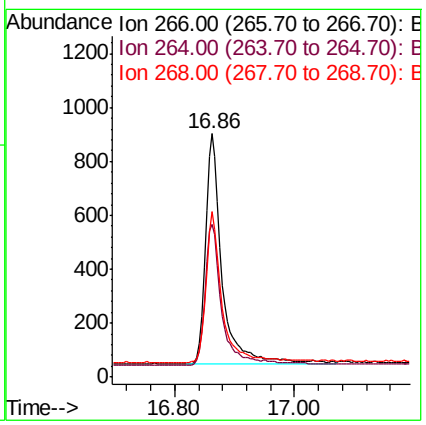


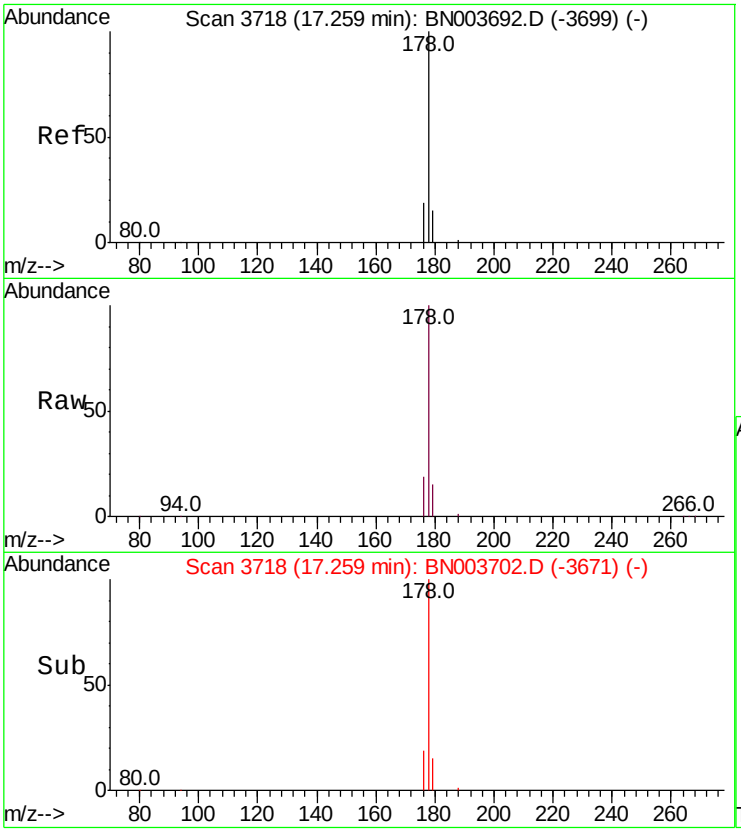


#11
Pentachlorophenol
Concen: 0.399 ng/ul
RT: 16.86 min Scan# 3624
Delta R.T. 0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Tgt Ion:266 Resp: 1627

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.4	74.2
268	63.7	51.7	77.5



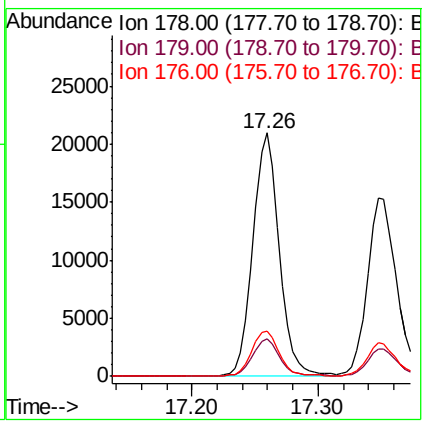


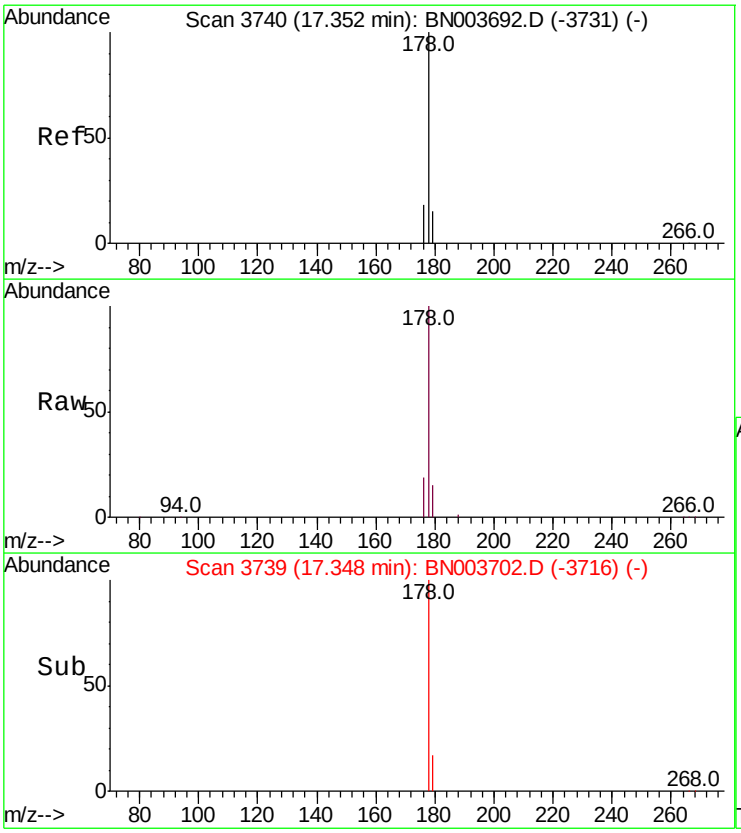
#12
Phenanthrene
Concen: 0.407 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.484

Tgt Ion:178 Resp: 30263

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	18.8	15.0	22.4

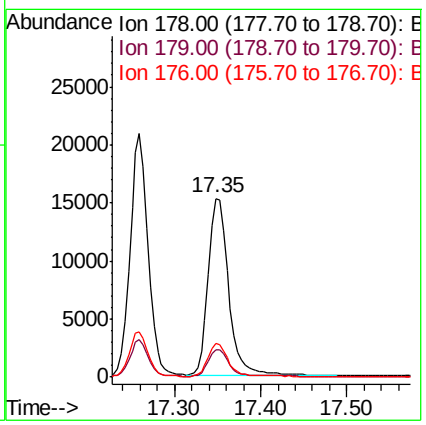


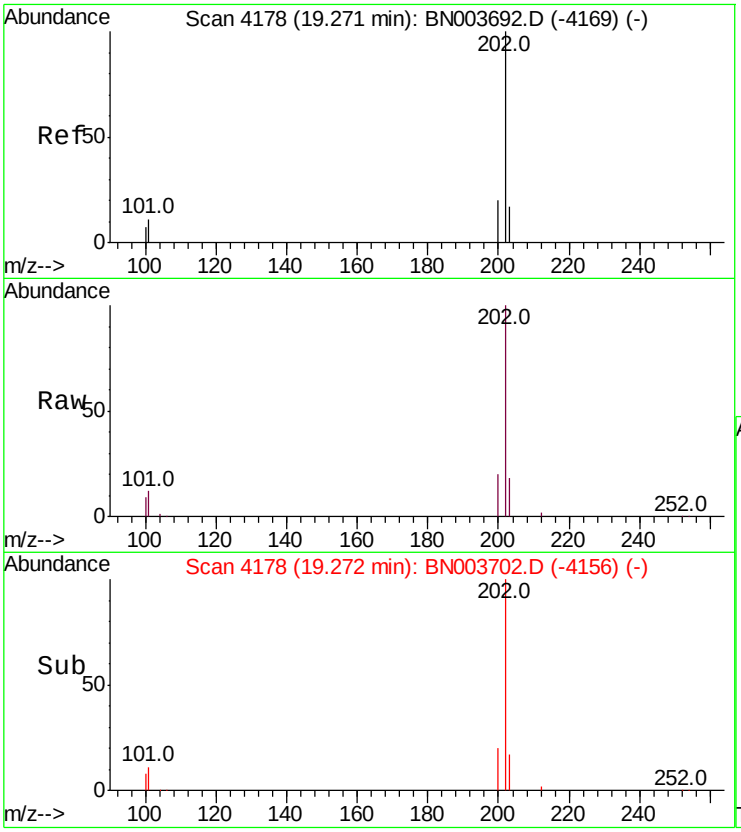


#13
Anthracene
Concen: 0.408 ng/ul
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Tgt Ion:178 Resp: 24942

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.5	14.8	22.2



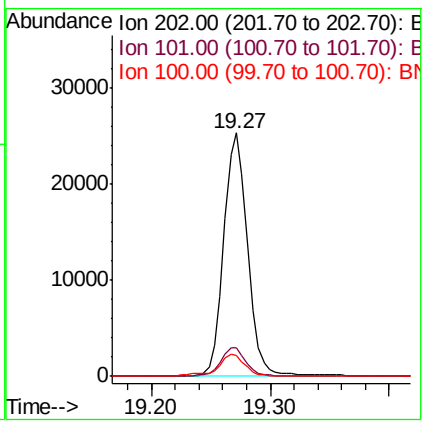


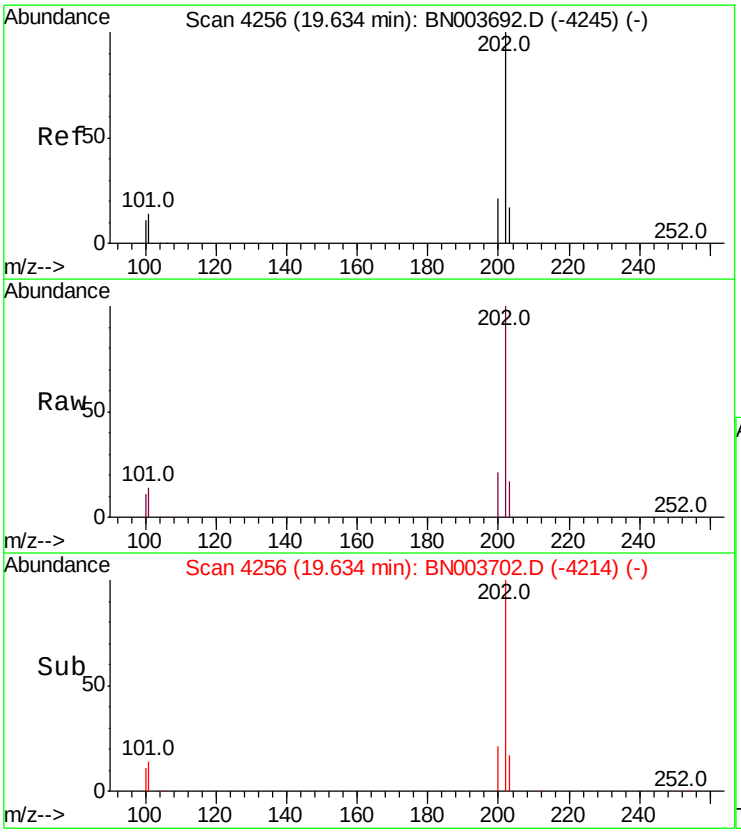
#15
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.484

Tgt Ion:202 Resp: 34894

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.7
100	8.5	0.0	28.1

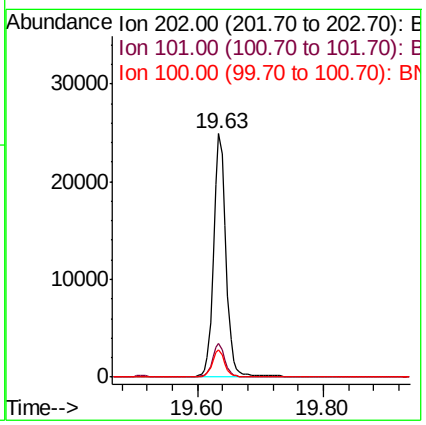


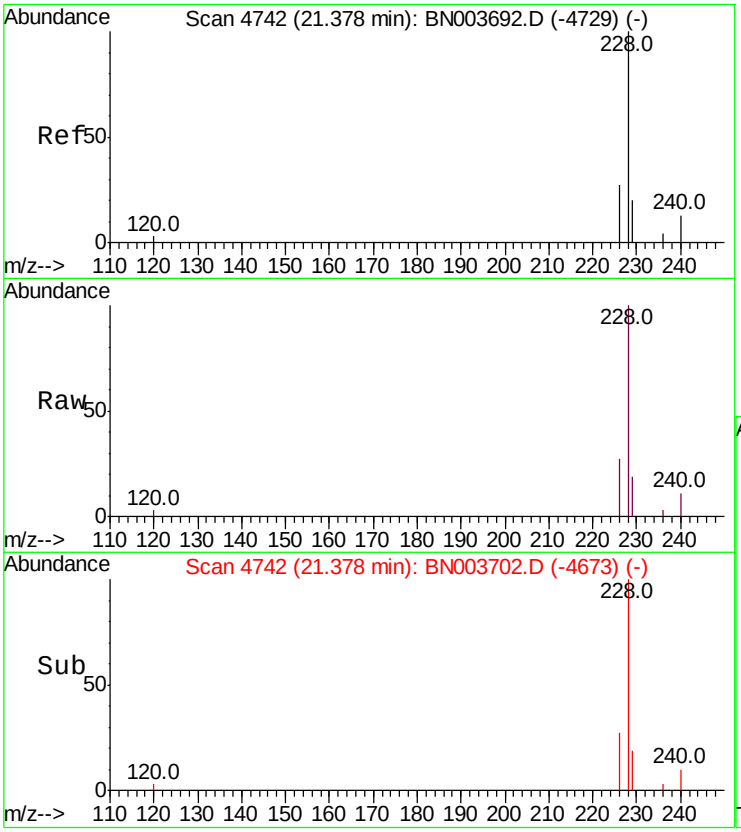


#17
Pyrene
Concen: 0.446 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Tgt Ion:202 Resp: 33603

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.3	15.5
100	11.2	8.5	12.7



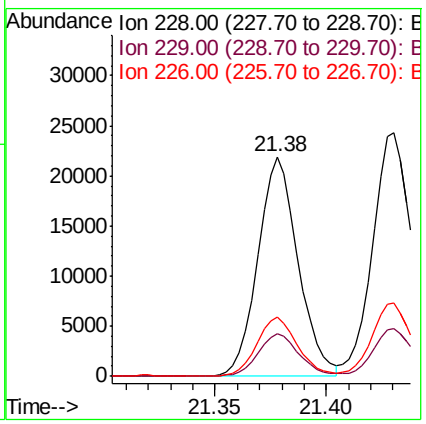


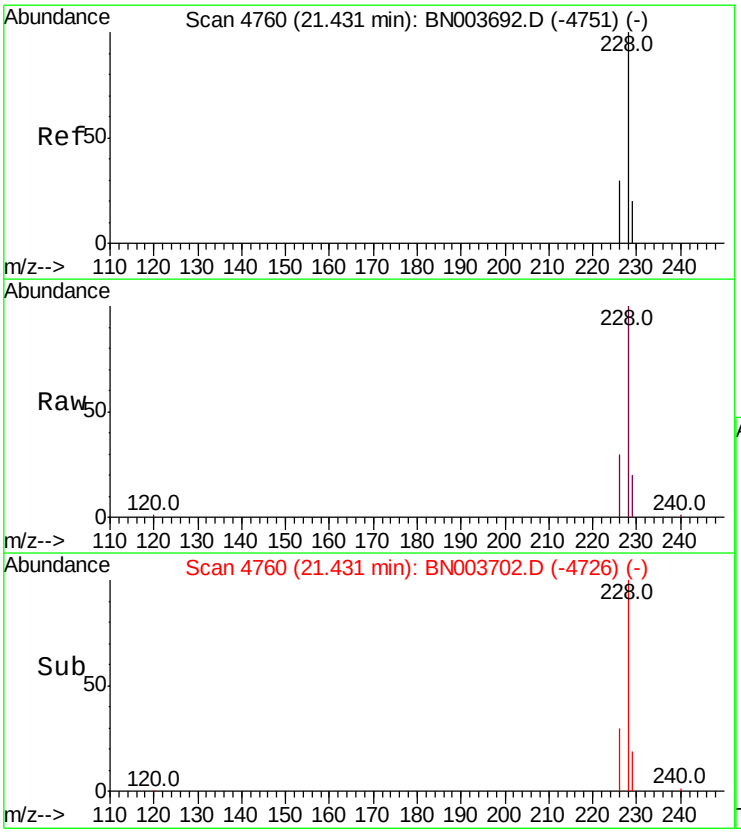
#18
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.38 min Scan# 4742
Delta R.T. 0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.484

Tgt Ion:228 Resp: 27506

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	27.0	21.1	31.7

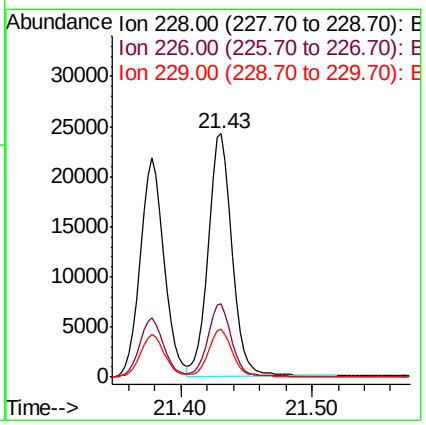


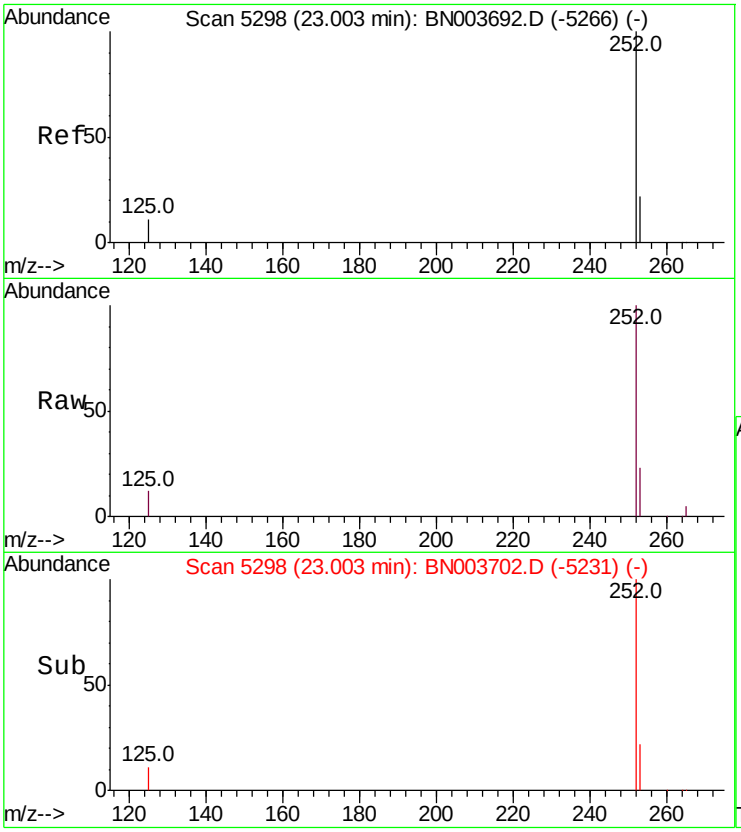


#19
Chrysene
Concen: 0.400 ng/ul
RT: 21.43 min Scan# 4760
Delta R.T. 0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Tgt Ion:228 Resp: 30366

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	19.7	15.7	23.5



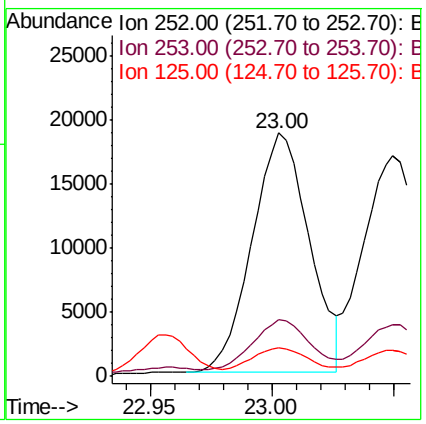


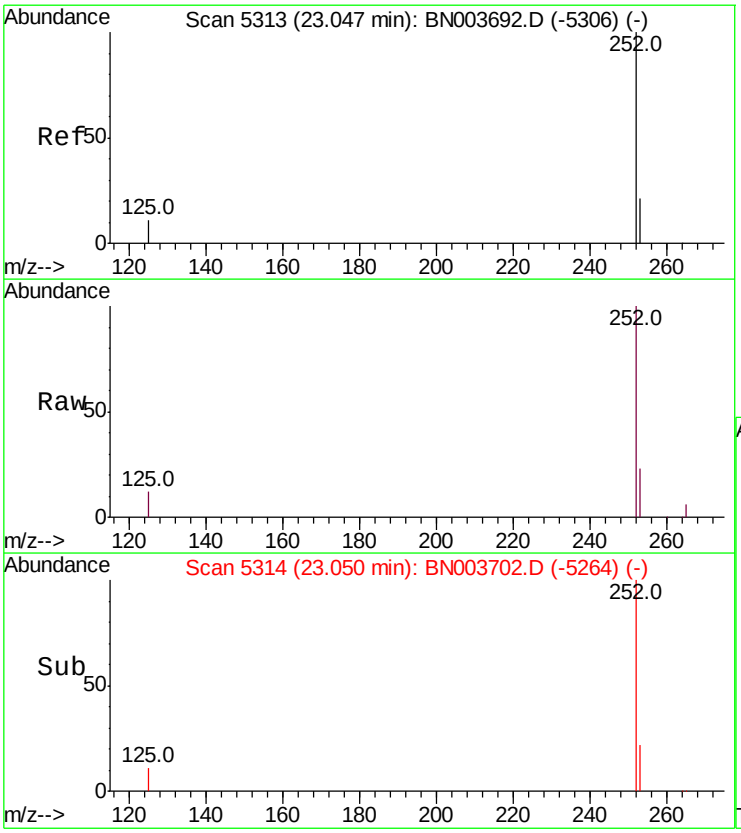
#21
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 23.00 min Scan# 5298
Delta R.T. -0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.484

Tgt Ion:252 Resp: 30515

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	46.0
125	11.8	0.0	22.4

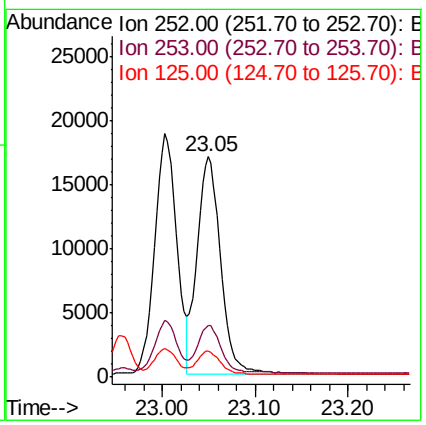


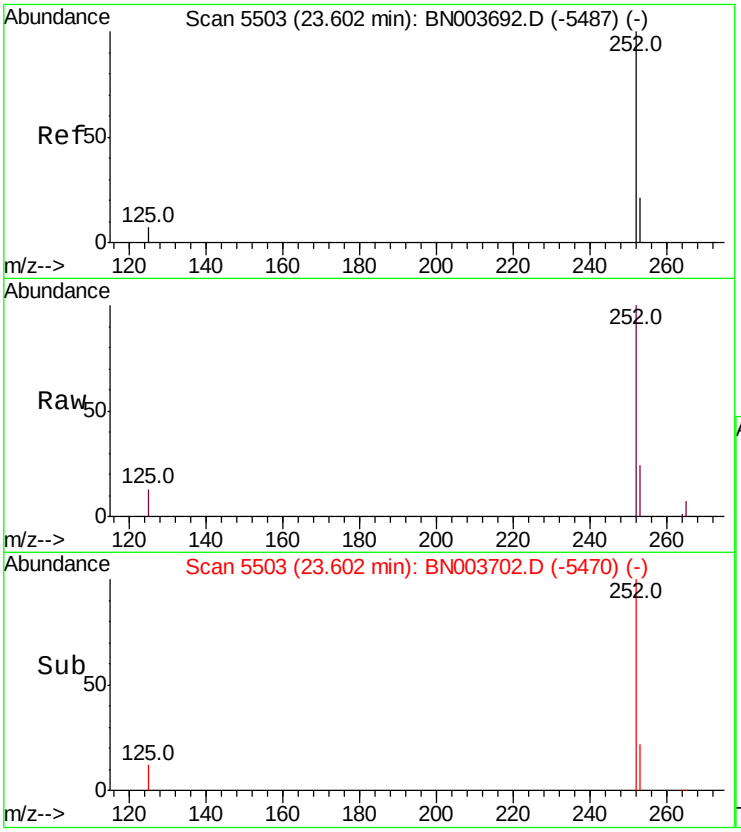


#22
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 23.05 min Scan# 5314
Delta R.T. -0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Tgt Ion:252 Resp: 29819

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	11.9	9.0	13.6



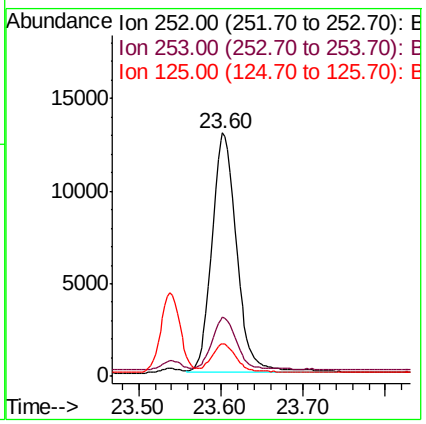


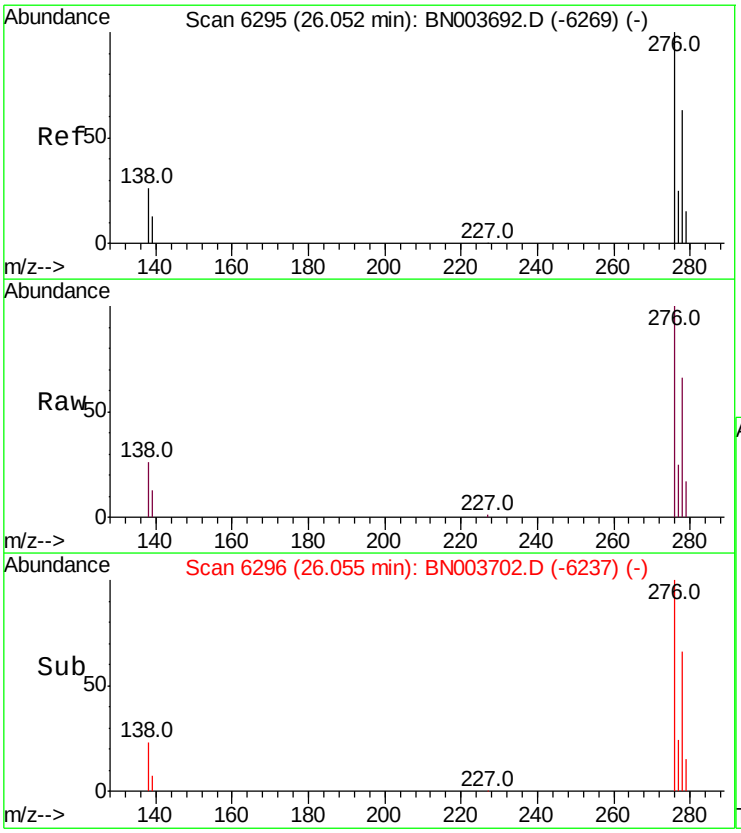
#23
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.60 min Scan# 5503
Delta R.T. -0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.484

Tgt Ion:252 Resp: 26978

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.4
125	13.3	10.2	15.4

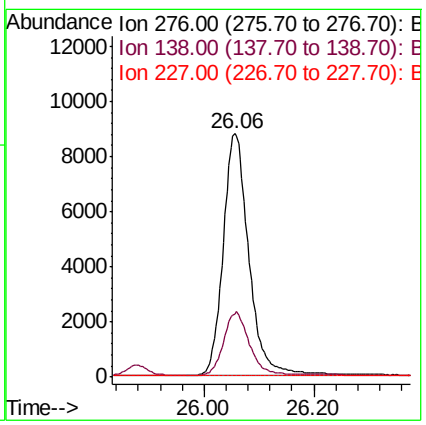


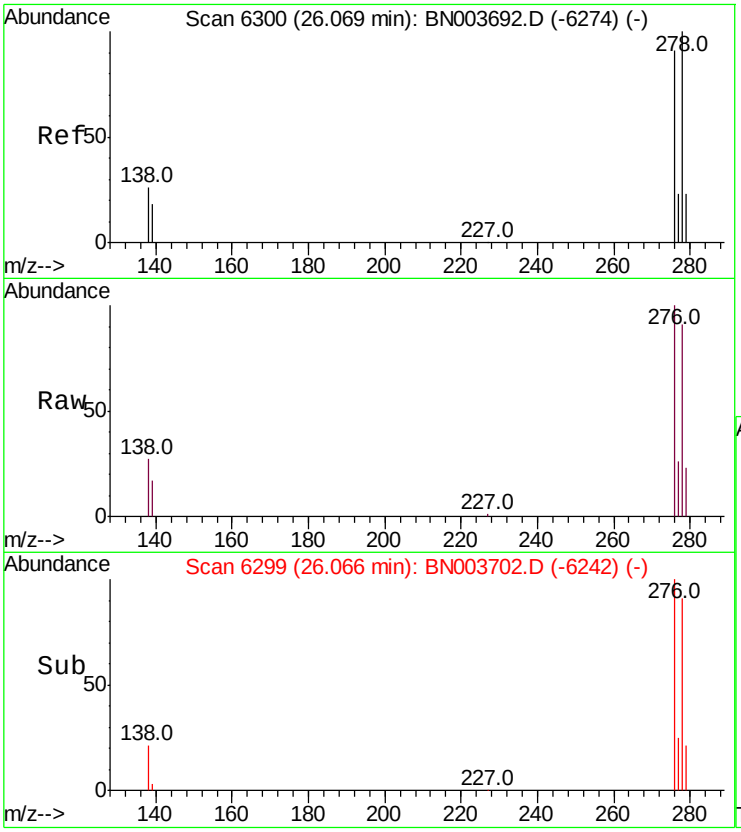


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.06 min Scan# 6296
Delta R.T. -0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Tgt Ion:276 Resp: 28547

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.3	30.5
227	0.2	0.2	0.2



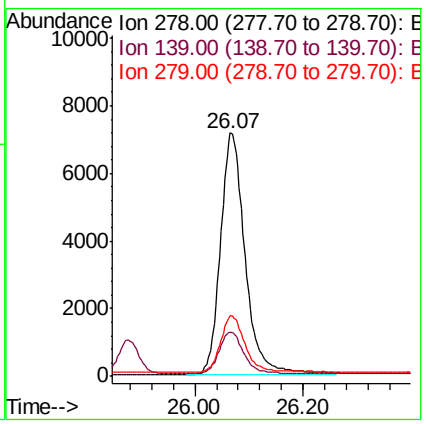


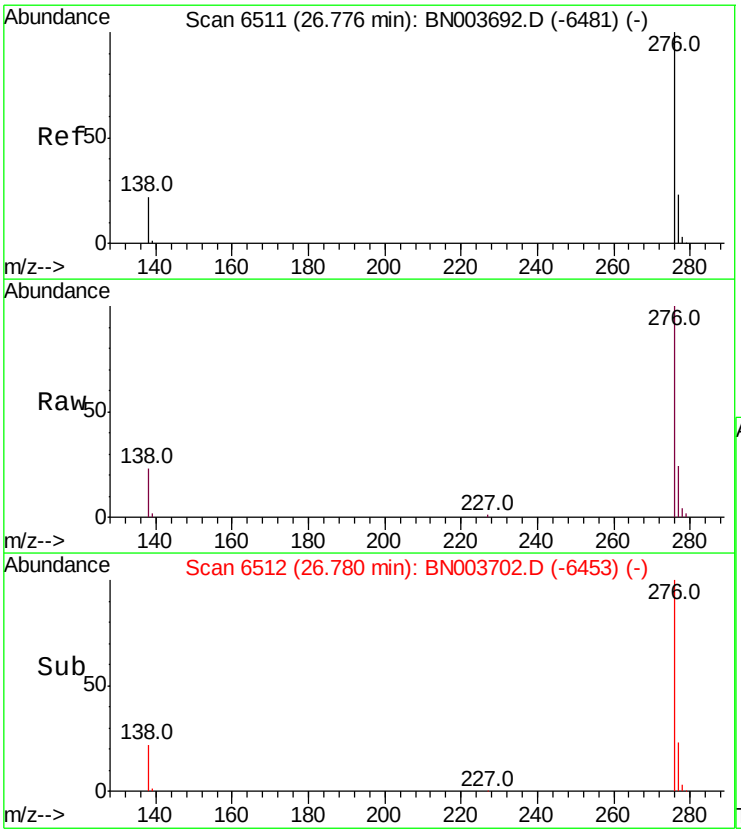
#25
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 26.07 min Scan# 6299
Delta R.T. -0.01 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.484

Tgt Ion:278 Resp: 22622

Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.2	21.4
279	24.8	19.8	29.6





#26
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 26.78 min Scan# 6512
Delta R.T. -0.00 min
Lab File: BN003702.D
Acq: 04 Dec 2018 16:21

Tgt Ion:276 Resp: 24365

Ion	Ratio	Lower	Upper
276	100		
138	23.0	17.7	26.5
277	24.1	19.3	28.9