Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006551.D
Acq On : 25 Jun 2019 02:50
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.432

Quant Time: Jun 25 04:10:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 01:51:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4206	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	16460	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8474	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16458	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	8792	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	8892	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	10089	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	15991	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	19378	0.427	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	12743	0.403	ng/ul	99
7) Acenaphthylene	14.00	152	17992	0.382	ng/ul	100
8) Acenaphthene	14.34	153	13805	0.422	ng/ul	99
9) Fluorene	15.34	166	14562	0.381	ng/ul	99
11) Pentachlorophenol	16.71	266	1813	0.434	ng/ul	97
12) Phenanthrene	17.08	178	21727	0.411	ng/ul	99
13) Anthracene	17.17	178	18538	0.367	ng/ul	99
15) Fluoranthene	19.11	202	21420	0.367	ng/ul	99
17) Pyrene	19.48	202	21383	0.462	ng/ul	98
18) Benzo(a)anthracene	21.24	228	14453	0.372	ng/ul	99
19) Chrysene	21.29	228	17043	0.467	ng/ul	99
21) Benzo(b)fluoranthene	22.81	252	15142	0.408	ng/ul	92
22) Benzo(k)fluoranthene	22.86	252	15985	0.443	ng/ul#	95
23) Benzo(a)pyrene	23.38	252	14909	0.432	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.71	276	17130	0.458	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.72	278	13381	0.448	ng/ul	93
26) Benzo(g,h,i)perylene	26.40	276	14908	0.476	ng/ul	95

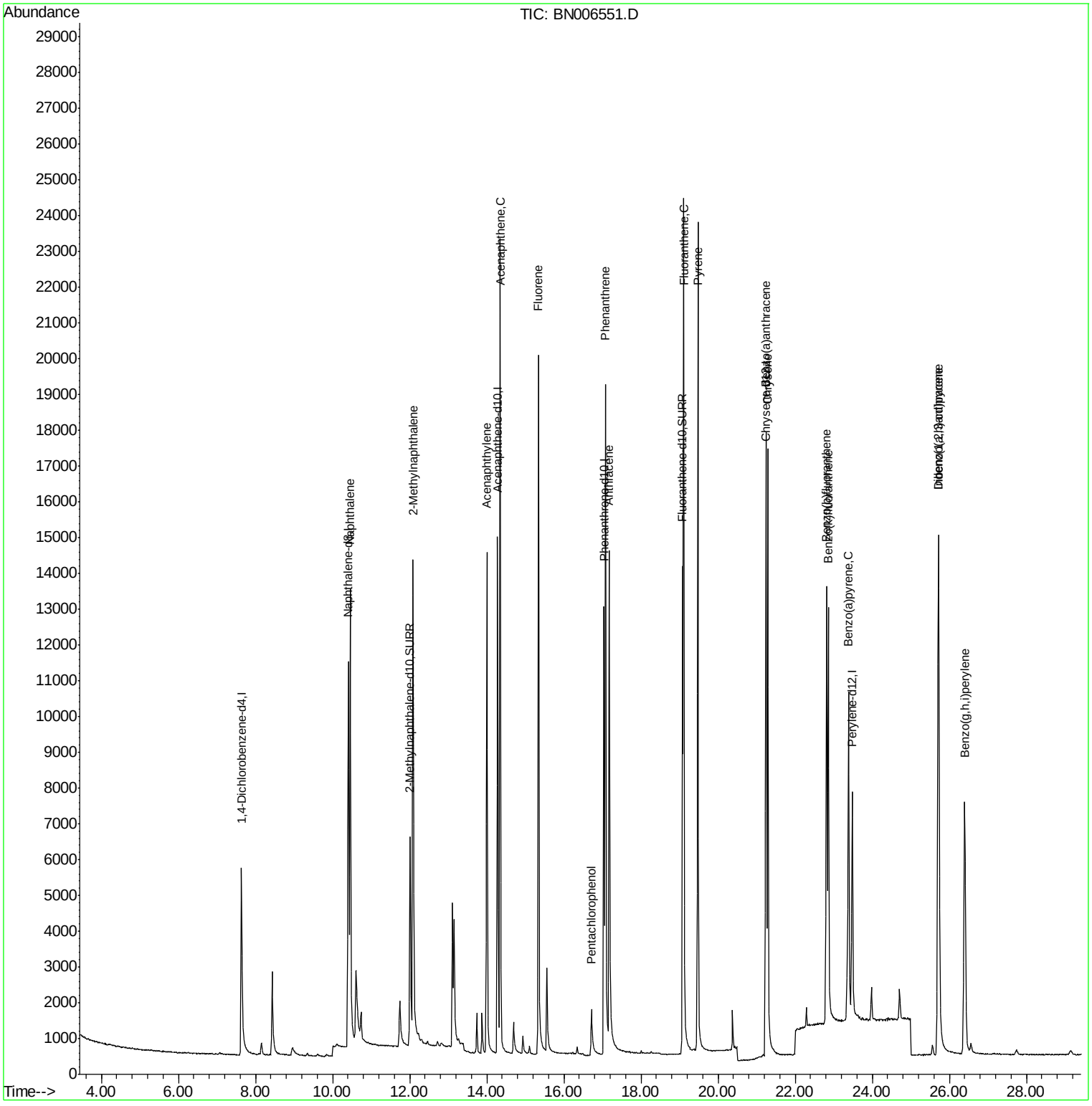
(#) = qualifier out of range (m) = manual integration (+) = signals summed

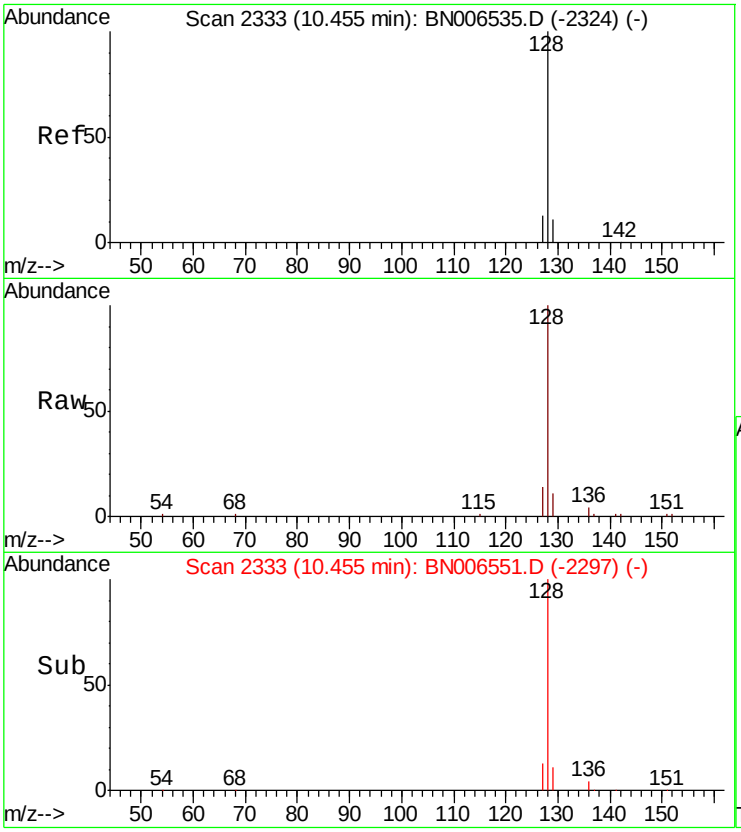
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006551.D
Acq On : 25 Jun 2019 02:50
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Quant Time: Jun 25 04:10:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 01:51:13 2019
Response via : Initial Calibration



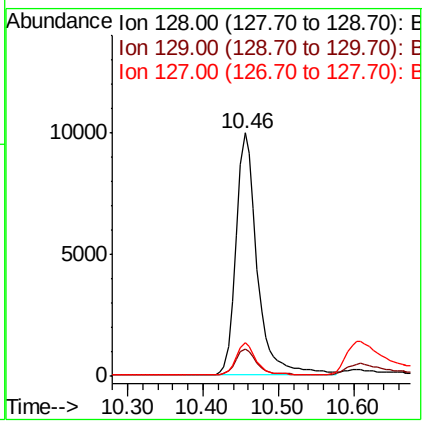


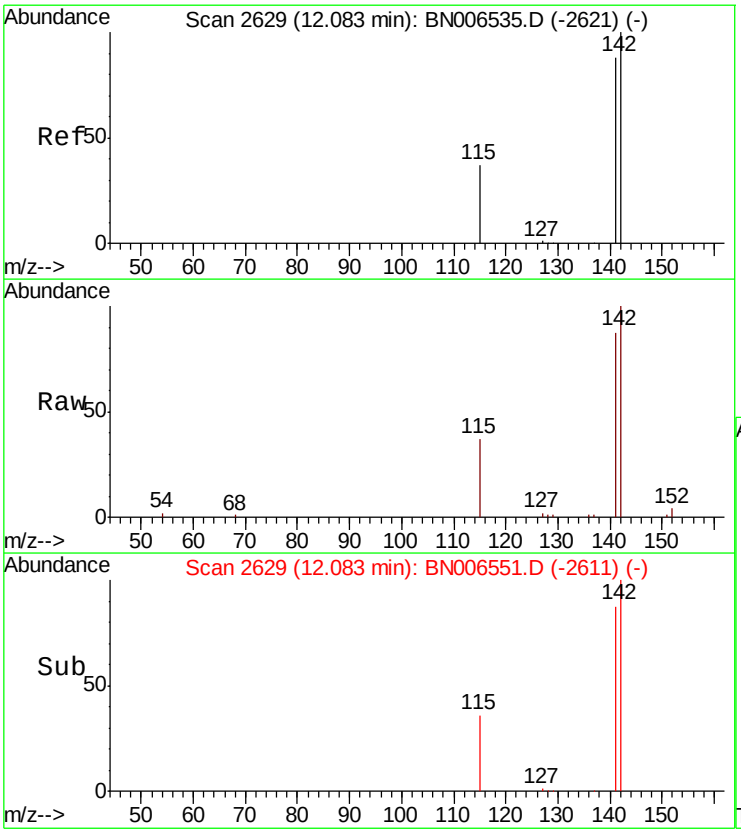
#3
Naphthalene
Concen: 0.427 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Tgt Ion:128 Resp: 19378

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.6	10.7	16.1

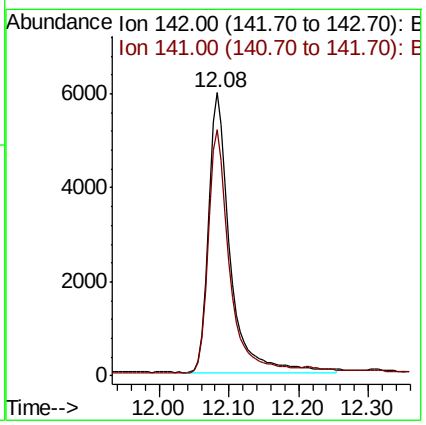


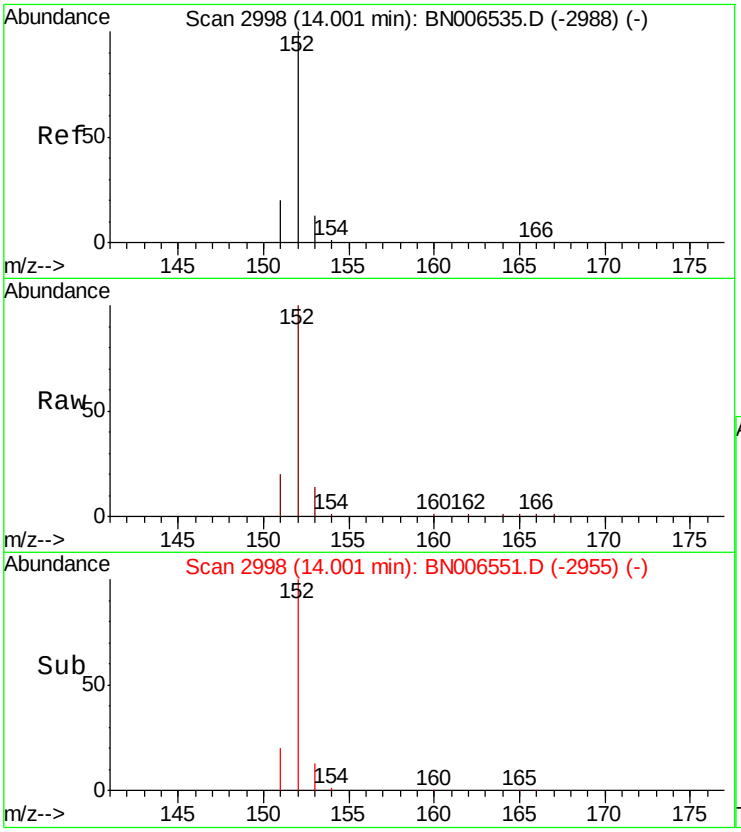


#5
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.08 min Scan# 2629
Delta R.T. 0.00 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Tgt Ion:142 Resp: 12743

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5



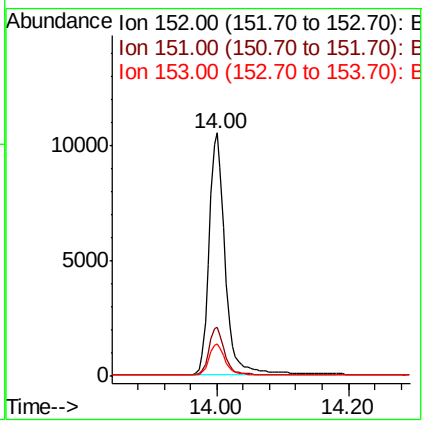


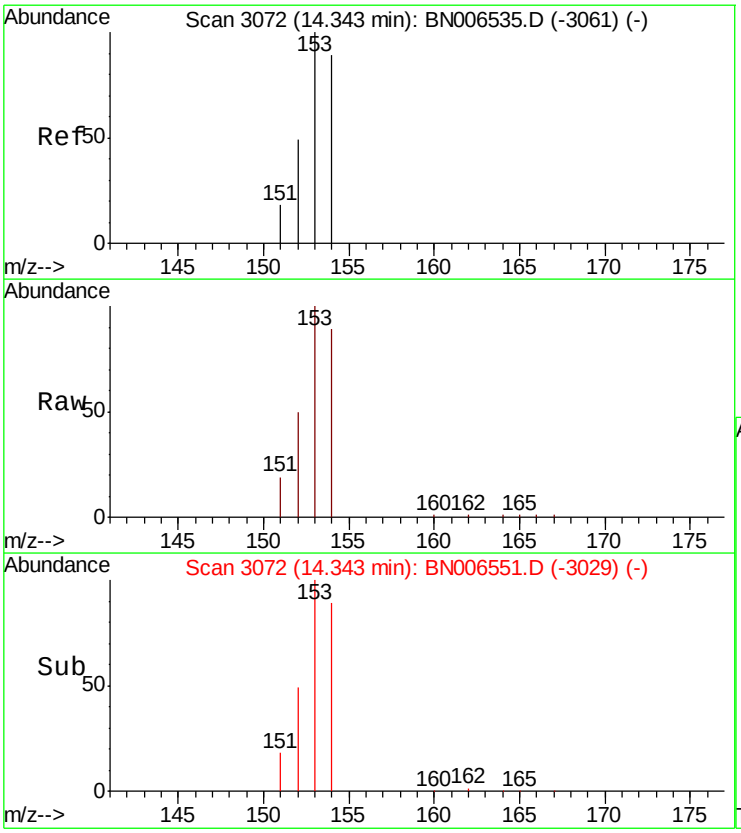
#7
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.00 min Scan# 2998
Delta R.T. 0.00 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Tgt Ion:152 Resp: 17992

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.5	10.8	16.2

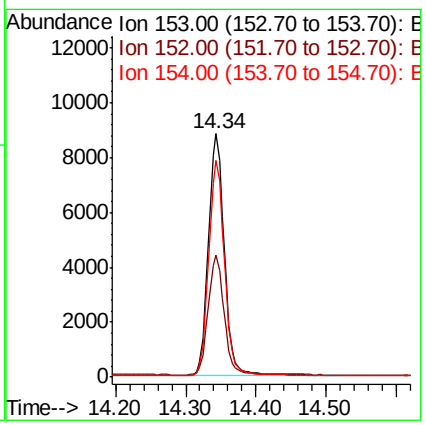


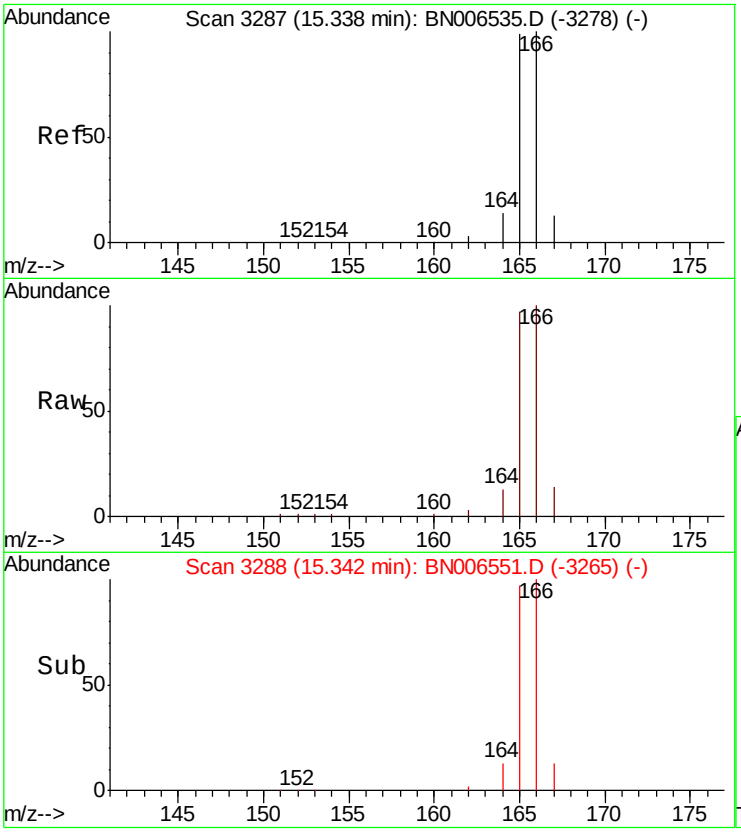


#8
Acenaphthene
Concen: 0.422 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Tgt Ion:153 Resp: 13805

Ion	Ratio	Lower	Upper
153	100		
152	50.2	39.1	58.7
154	89.2	71.1	106.7



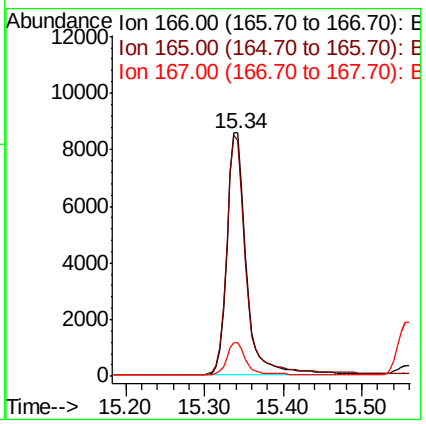


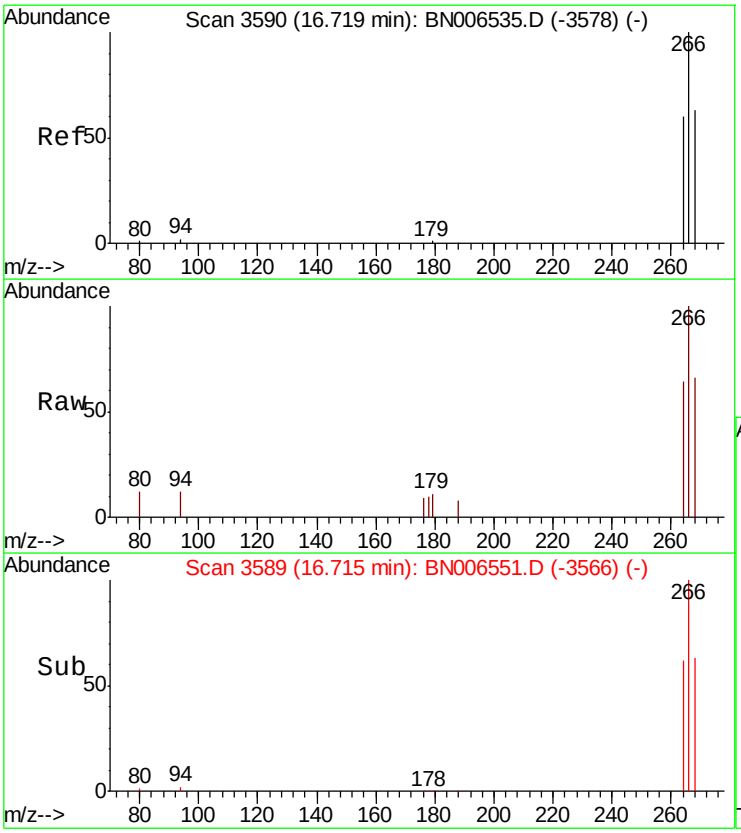
#9
Fluorene
Concen: 0.381 ng/ul
RT: 15.34 min Scan# 3288
Delta R.T. 0.00 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Tgt Ion:166 Resp: 14562

Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.4	114.6
167	13.8	11.0	16.6

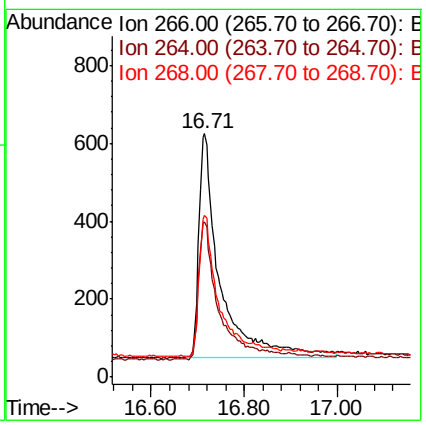


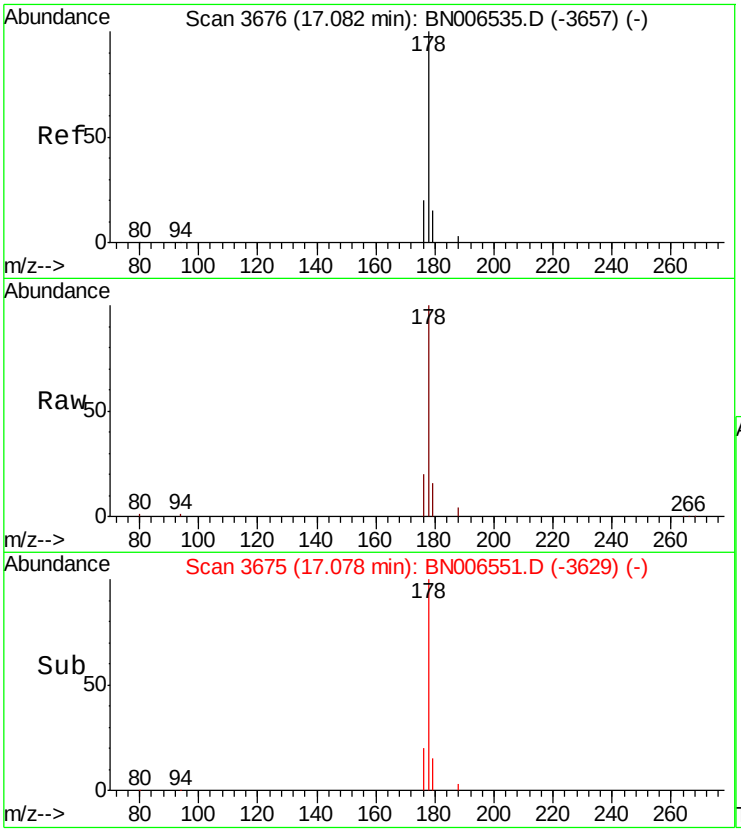


#11
Pentachlorophenol
Concen: 0.434 ng/ul
RT: 16.71 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Tgt Ion:266 Resp: 1813

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.3	75.5
268	59.9	51.3	76.9



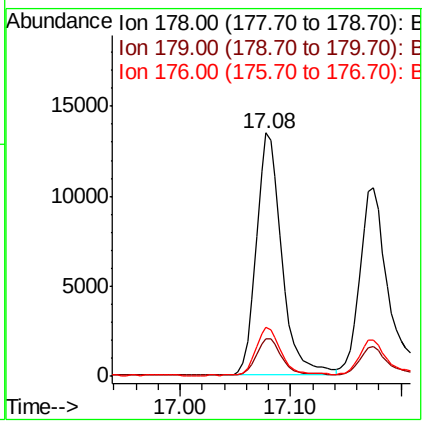


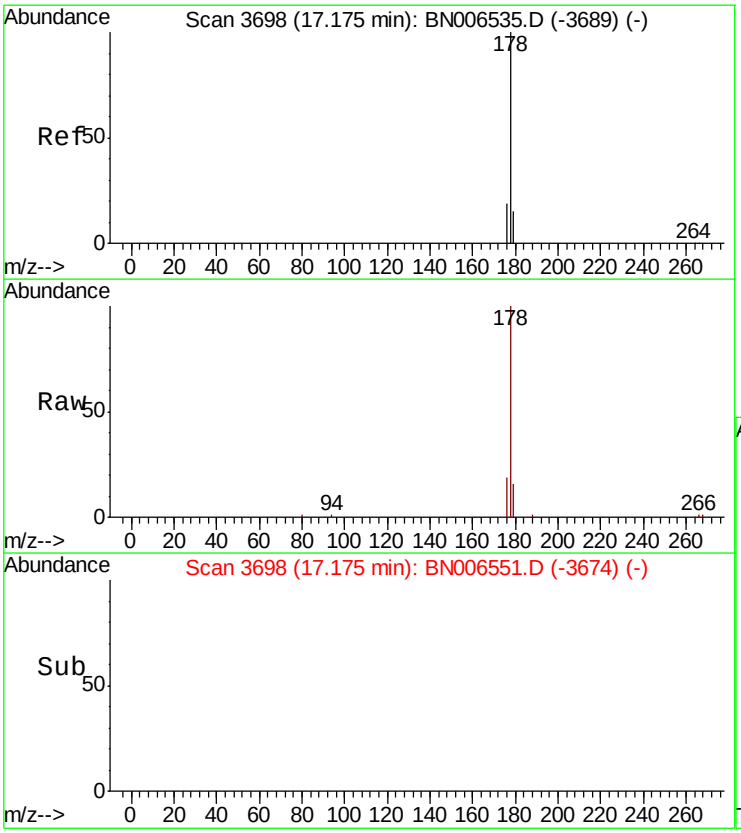
#12
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Tgt Ion:178 Resp: 21727

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	20.1	15.3	22.9

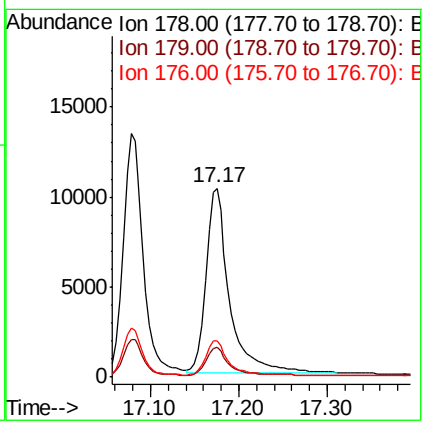


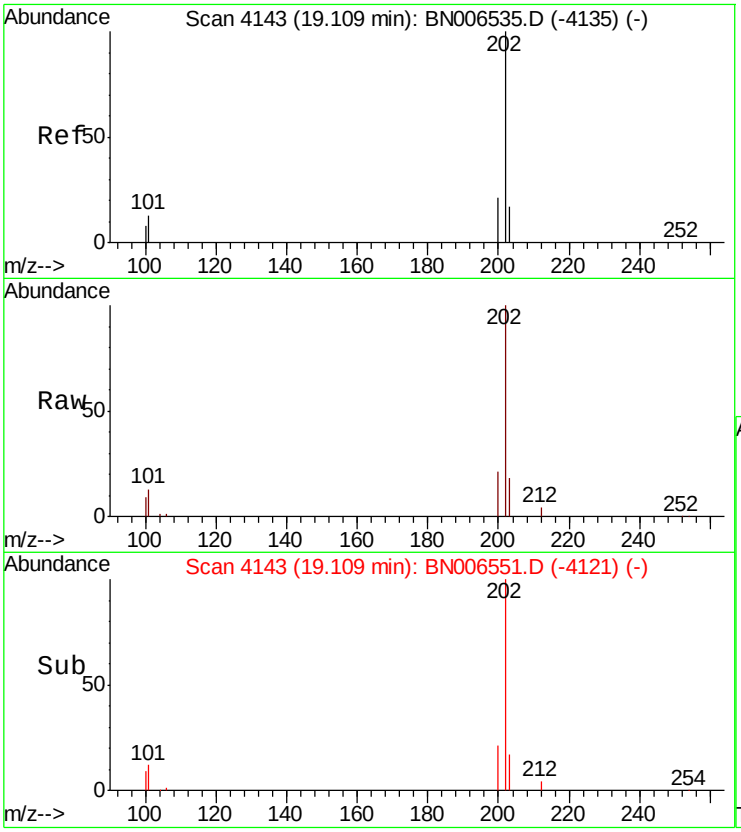


#13
Anthracene
Concen: 0.367 ng/ul
RT: 17.17 min Scan# 3698
Delta R.T. 0.00 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Tgt Ion:178 Resp: 18538

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	19.2	15.1	22.7



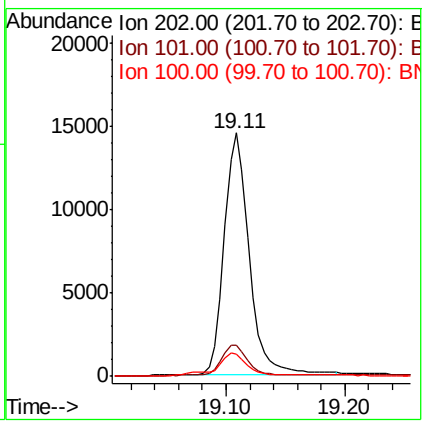


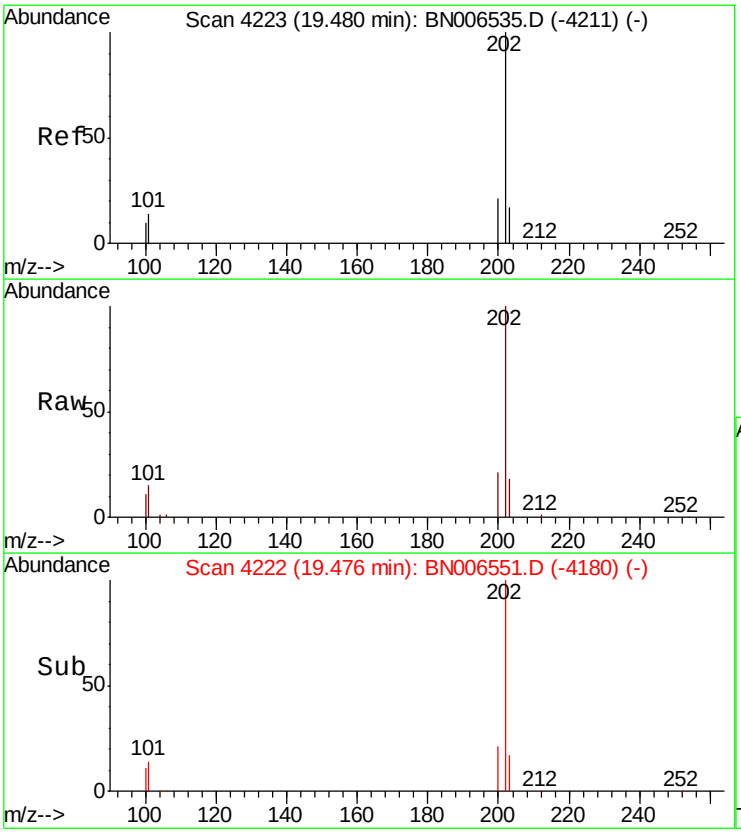
#15
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.11 min Scan# 4143
Delta R.T. 0.00 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Tgt Ion:202 Resp: 21420

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.1
100	9.2	0.0	28.7

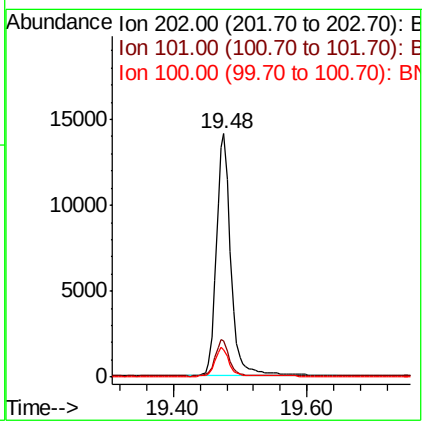


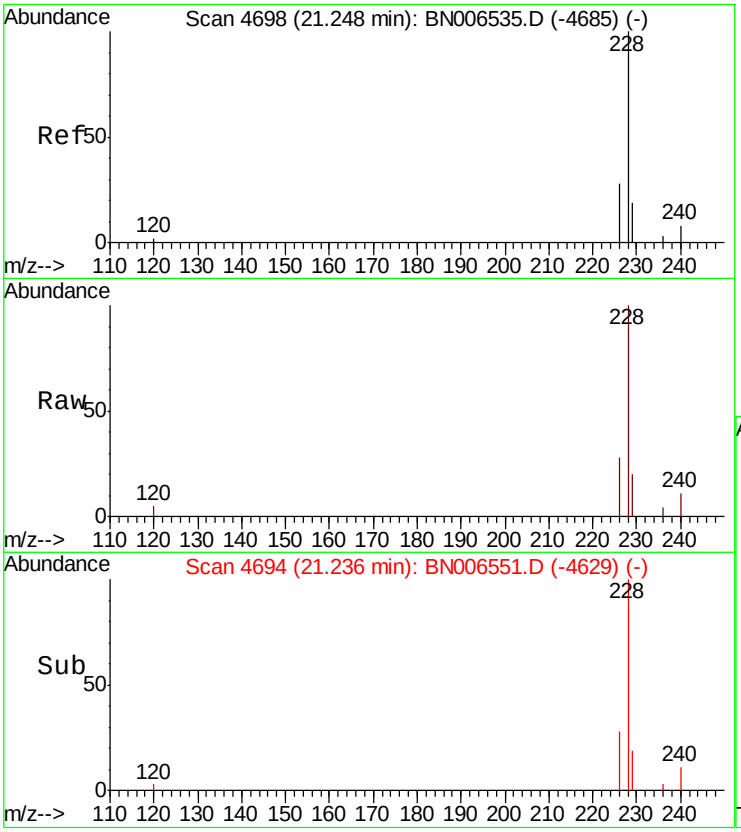


#17
Pyrene
Concen: 0.462 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Tgt Ion:202 Resp: 21383

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.2
100	11.2	9.8	14.6



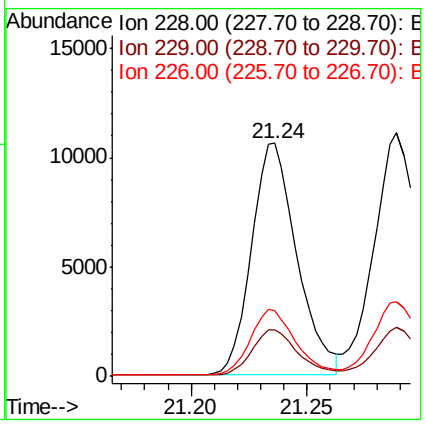


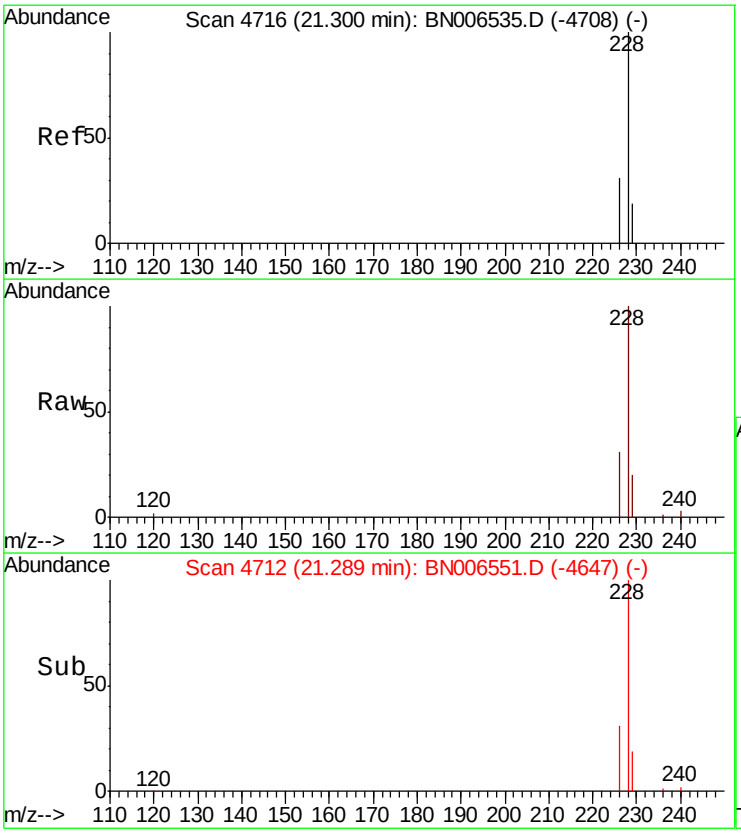
#18
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.24 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Tgt Ion:228 Resp: 14453

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.5	24.7
226	28.2	22.8	34.2

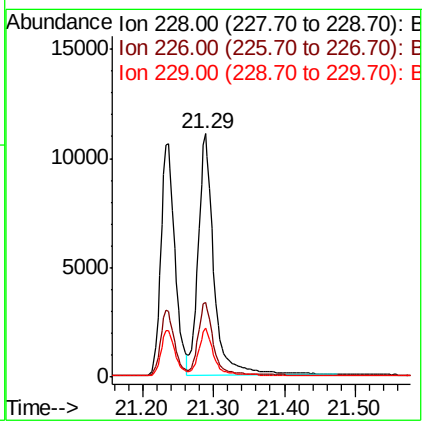


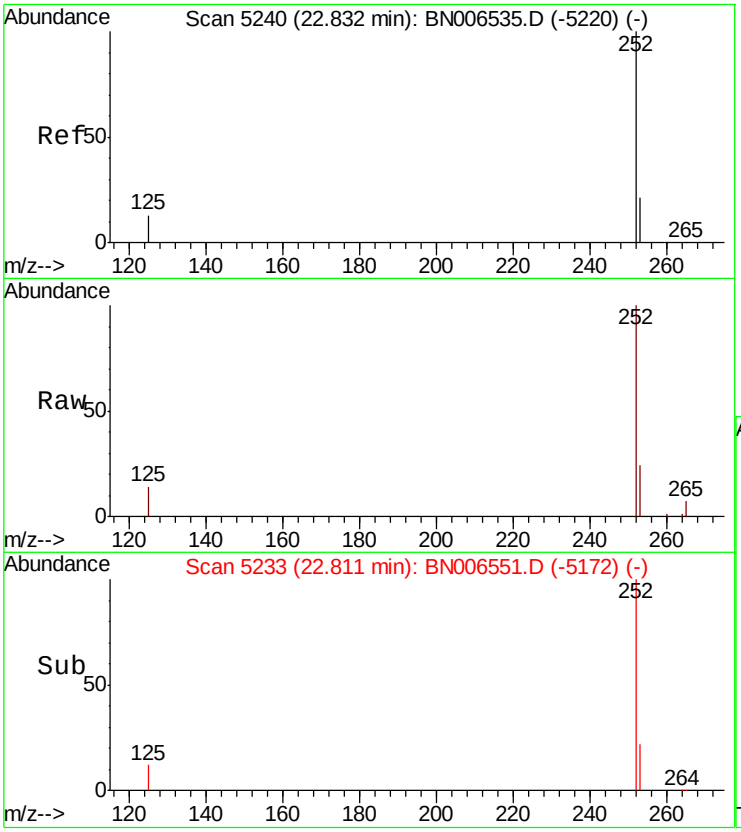


#19
Chrysene
Concen: 0.467 ng/ul
RT: 21.29 min Scan# 4712
Delta R.T. -0.01 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Tgt Ion:228 Resp: 17043

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.9	16.3	24.5



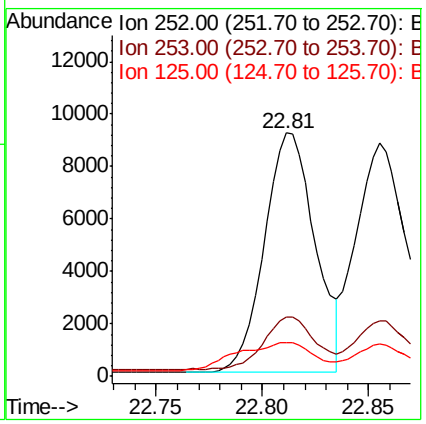


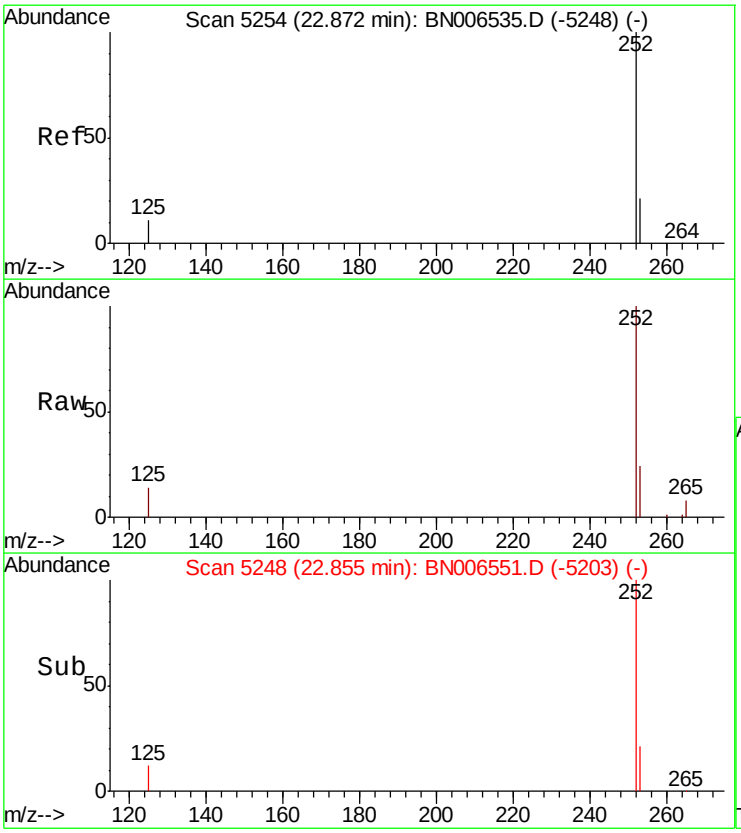
#21
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 22.81 min Scan# 5233
Delta R.T. -0.02 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Tgt Ion:252 Resp: 15142

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	51.4
125	14.0	0.0	41.0

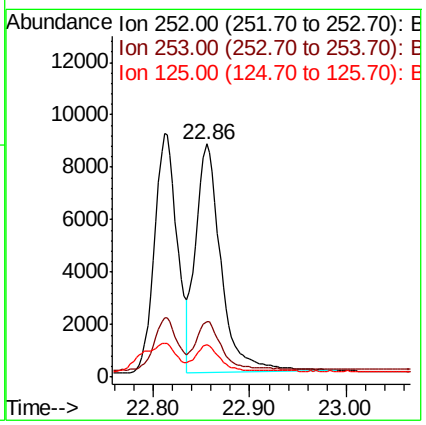


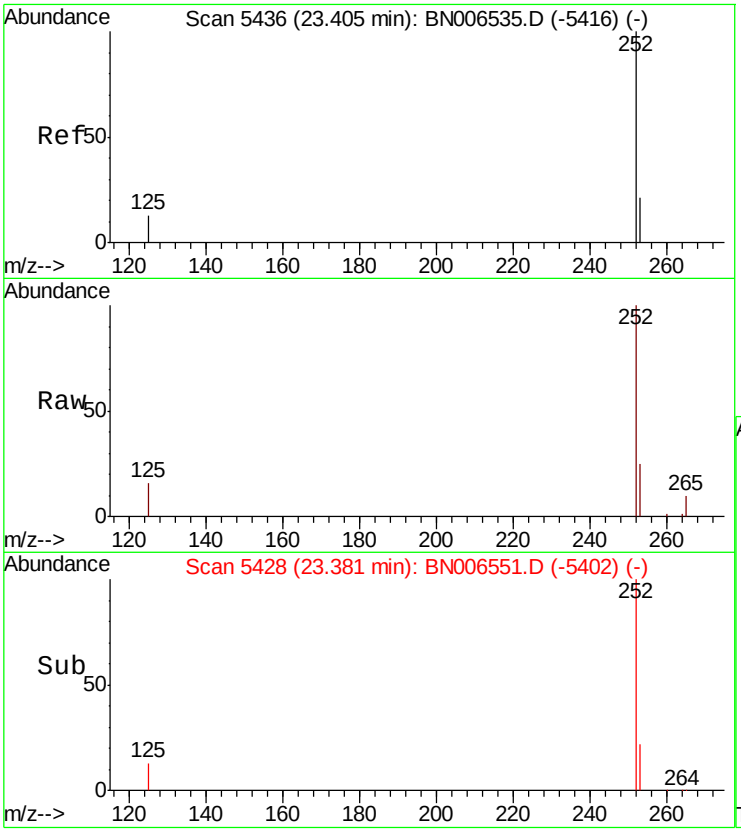


#22
Benzo(k)fluoranthene
Concen: 0.443 ng/ul
RT: 22.86 min Scan# 5248
Delta R.T. -0.02 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Tgt Ion:252 Resp: 15985

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.3	30.5
125	13.9	14.3	21.5#



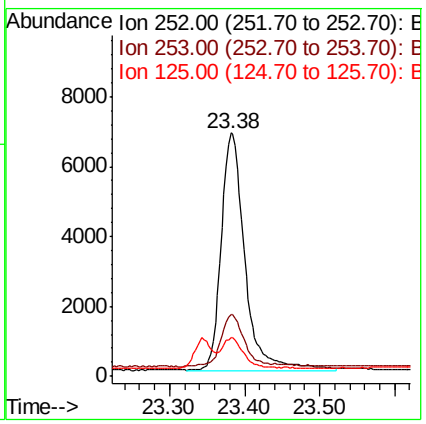


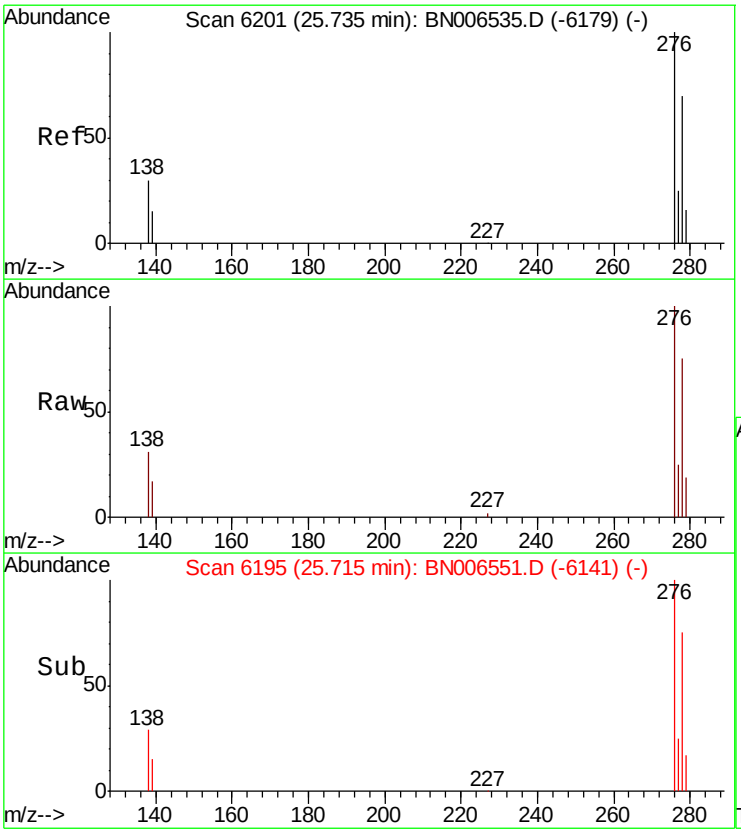
#23
Benzo(a)pyrene
Concen: 0.432 ng/ul
RT: 23.38 min Scan# 5428
Delta R.T. -0.02 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Tgt Ion:252 Resp: 14909

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.1	31.7
125	15.8	20.3	30.5#

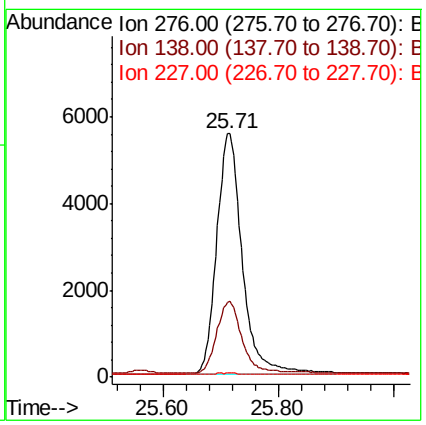


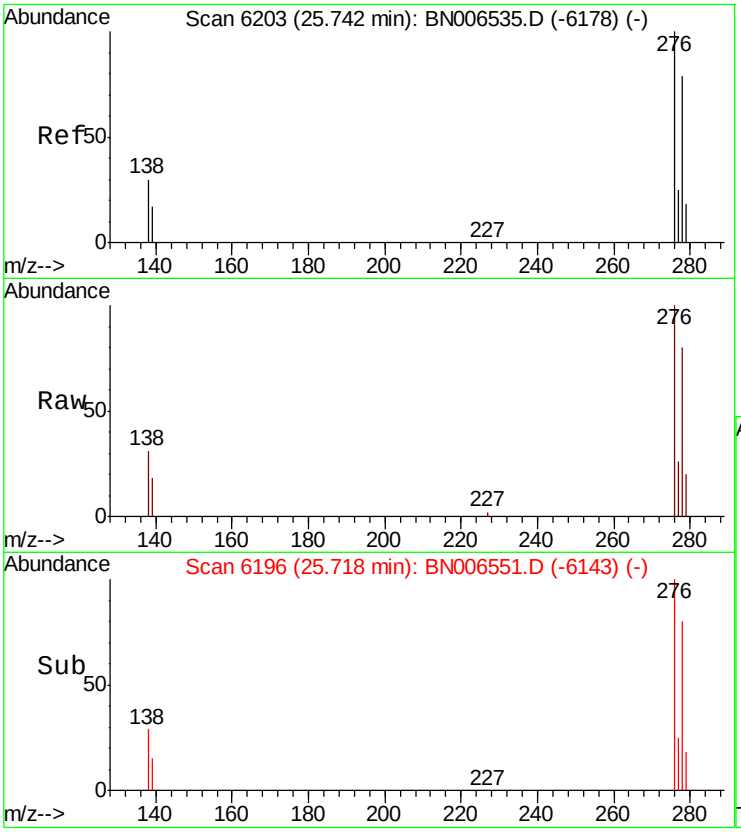


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 25.71 min Scan# 6195
Delta R.T. -0.02 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Tgt Ion:276 Resp: 17130

Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.6	38.4
227	0.3	0.3	0.5#



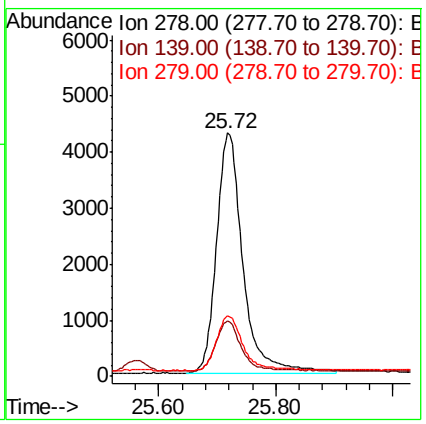


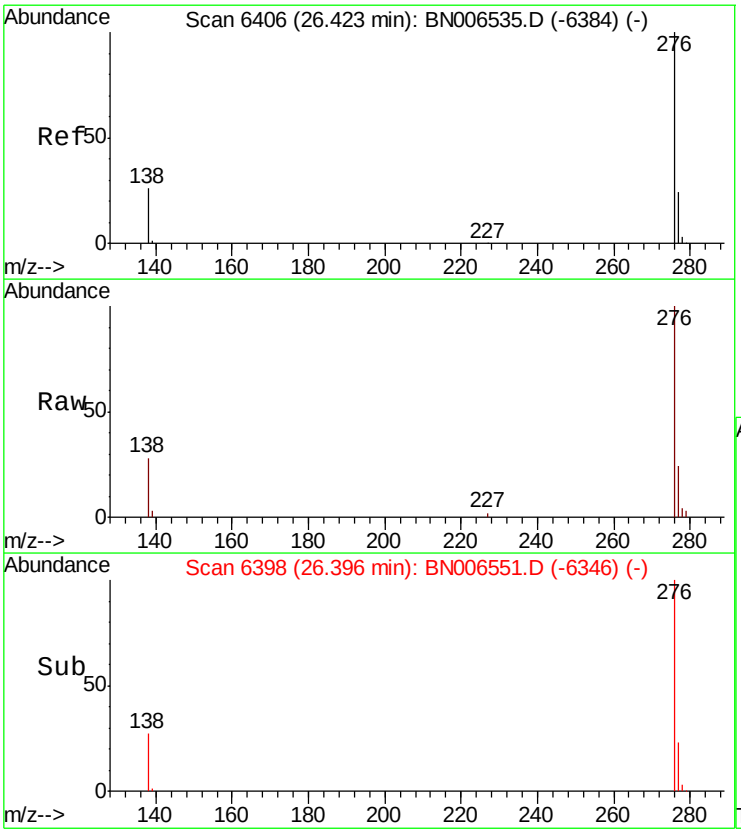
#25
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 25.72 min Scan# 6196
Delta R.T. -0.02 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.432

Tgt Ion:278 Resp: 13381

Ion	Ratio	Lower	Upper
278	100		
139	22.9	21.2	31.8
279	24.8	22.6	33.8





#26
Benzo(g,h,i)perylene
Concen: 0.476 ng/ul
RT: 26.40 min Scan# 6398
Delta R.T. -0.03 min
Lab File: BN006551.D
Acq: 25 Jun 2019 02:50

Tgt Ion:276 Resp: 14908

Ion	Ratio	Lower	Upper
276	100		
138	28.1	24.2	36.4
277	24.1	21.5	32.3