Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006581.D
Acq On : 25 Jun 2019 21:27
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.434

Quant Time: Jun 26 00:51:53 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 07:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5317	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20174	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9439	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16761	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10302	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	12025	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	12160	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	16643	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	23849	0.428	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	15350	0.396	ng/ul	99
7) Acenaphthylene	14.00	152	21249	0.405	ng/ul	100
8) Acenaphthene	14.34	153	15532	0.427	ng/ul	99
9) Fluorene	15.34	166	15886	0.373	ng/ul	97
11) Pentachlorophenol	16.71	266	2060	0.484	ng/ul	99
12) Phenanthrene	17.08	178	22095	0.411	ng/ul	99
13) Anthracene	17.17	178	20057	0.390	ng/ul	99
15) Fluoranthene	19.11	202	22023	0.371	ng/ul	97
17) Pyrene	19.48	202	22479	0.414	ng/ul	100
18) Benzo(a)anthracene	21.24	228	18282	0.401	ng/ul	99
19) Chrysene	21.29	228	19762	0.462	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	19341	0.386	ng/ul	95
22) Benzo(k)fluoranthene	22.87	252	20398	0.418	ng/ul	96
23) Benzo(a)pyrene	23.39	252	19572	0.419	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.73	276	22898	0.453	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.74	278	18084	0.448	ng/ul	95
26) Benzo(g,h,i)perylene	26.41	276	19663	0.464	ng/ul	96

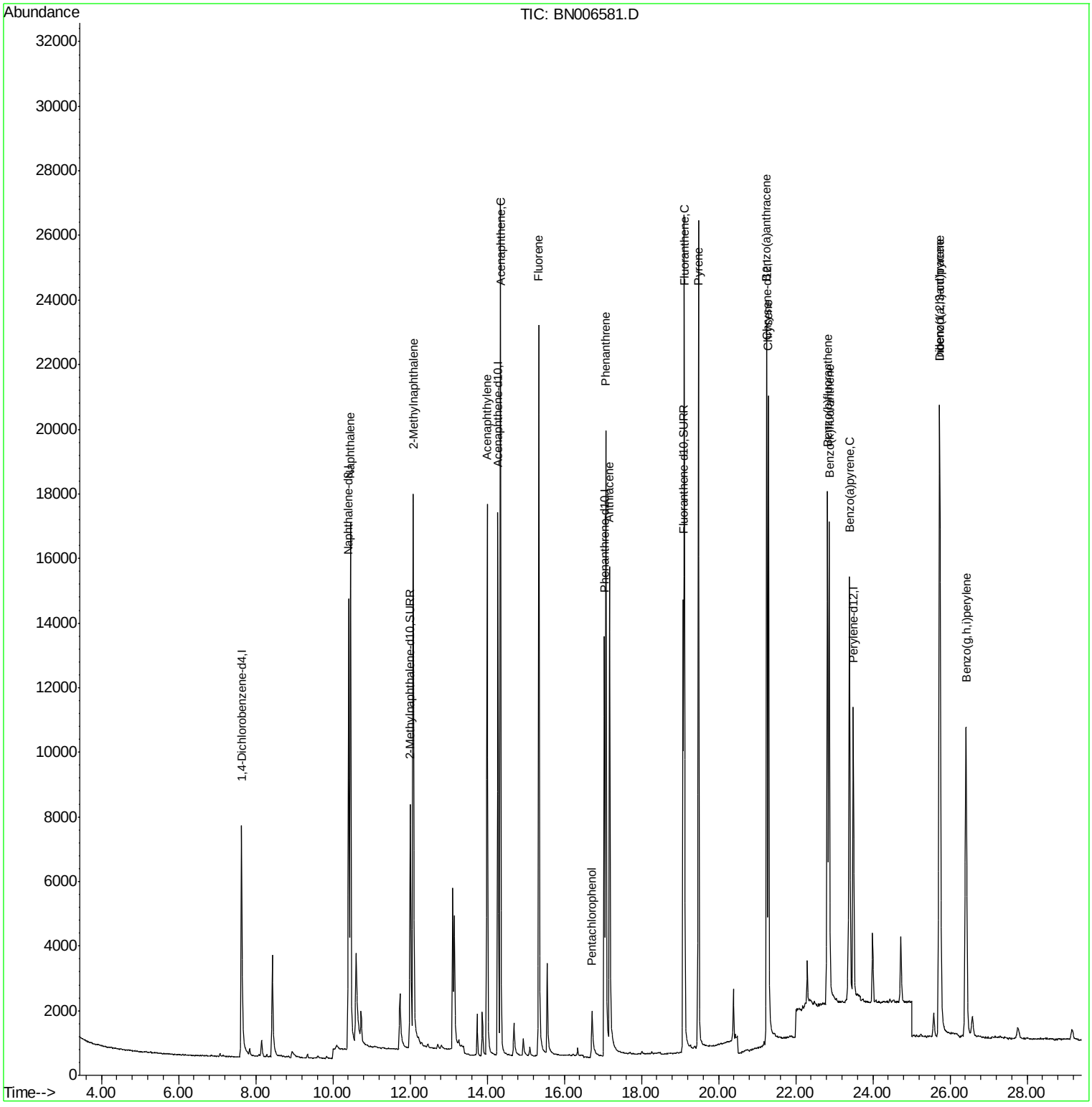
(#) = qualifier out of range (m) = manual integration (+) = signals summed

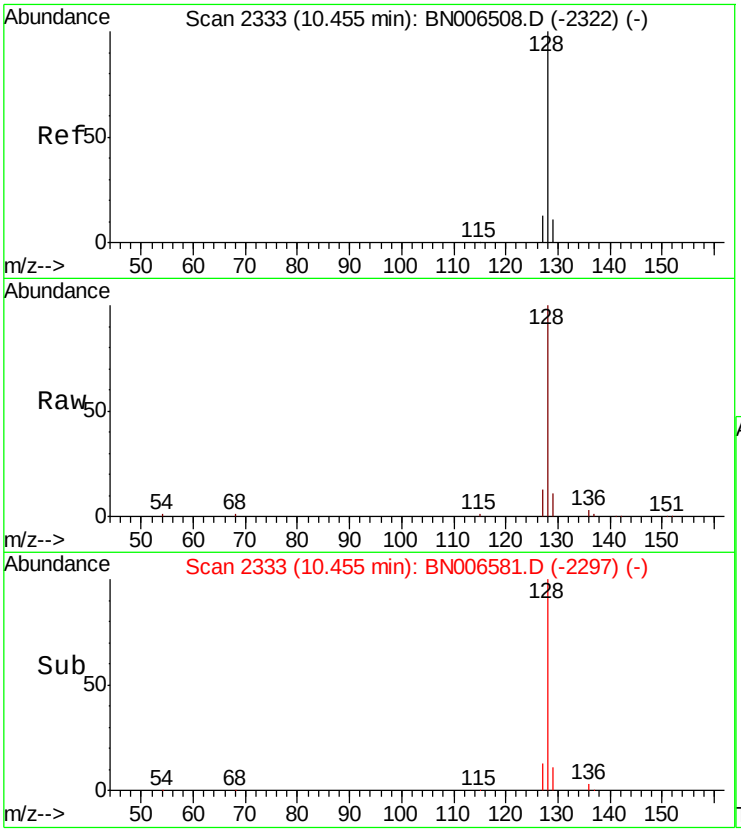
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006581.D
Acq On : 25 Jun 2019 21:27
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Quant Time: Jun 26 00:51:53 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 07:15:41 2019
Response via : Initial Calibration



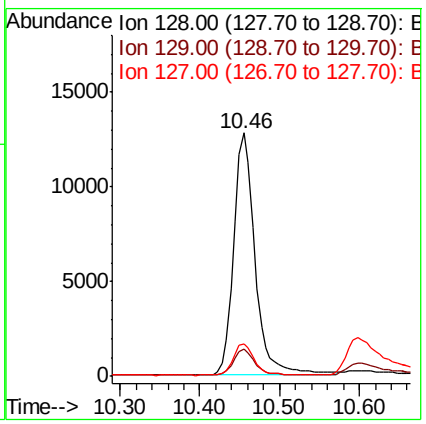


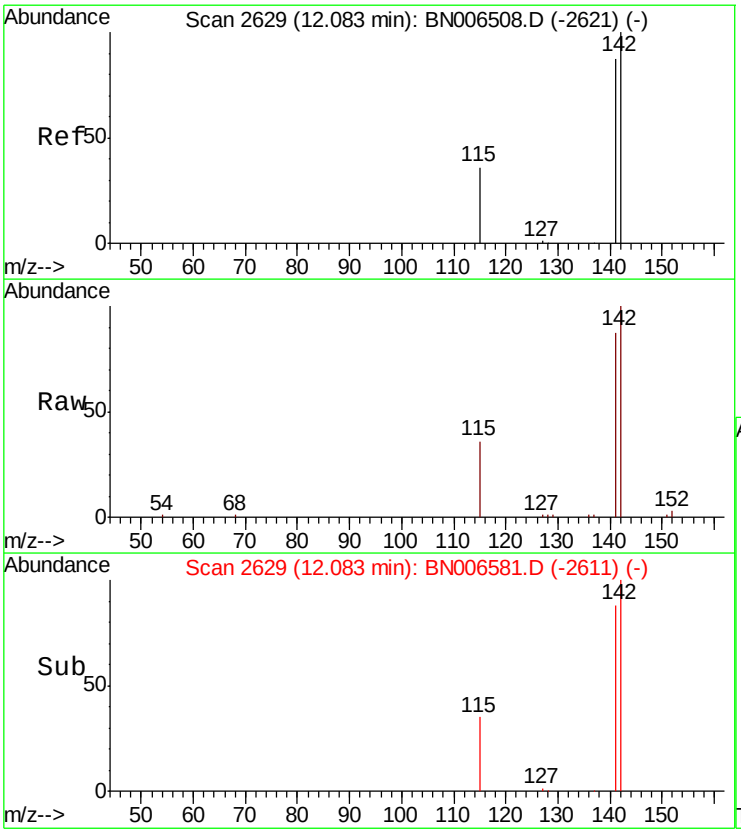
#3
Naphthalene
Concen: 0.428 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion:128 Resp: 23849

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.4	10.7	16.1

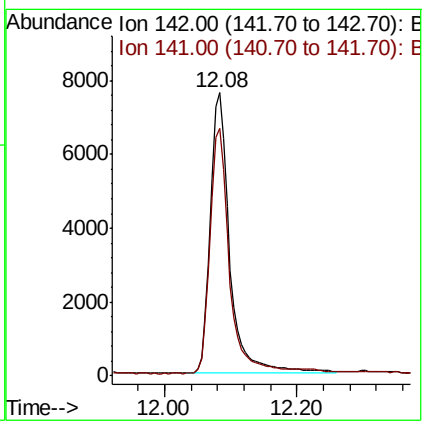


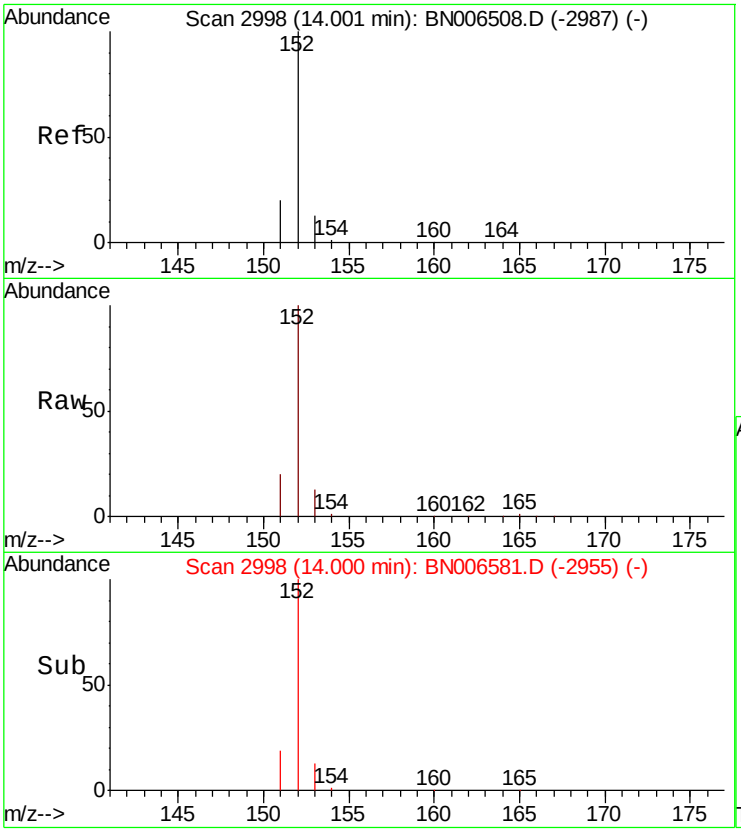


#5
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.08 min Scan# 2629
Delta R.T. -0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Tgt Ion:142 Resp: 15350

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5



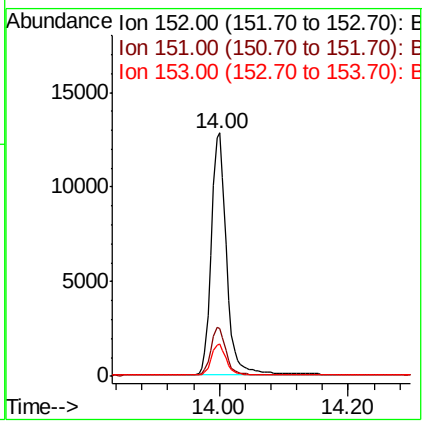


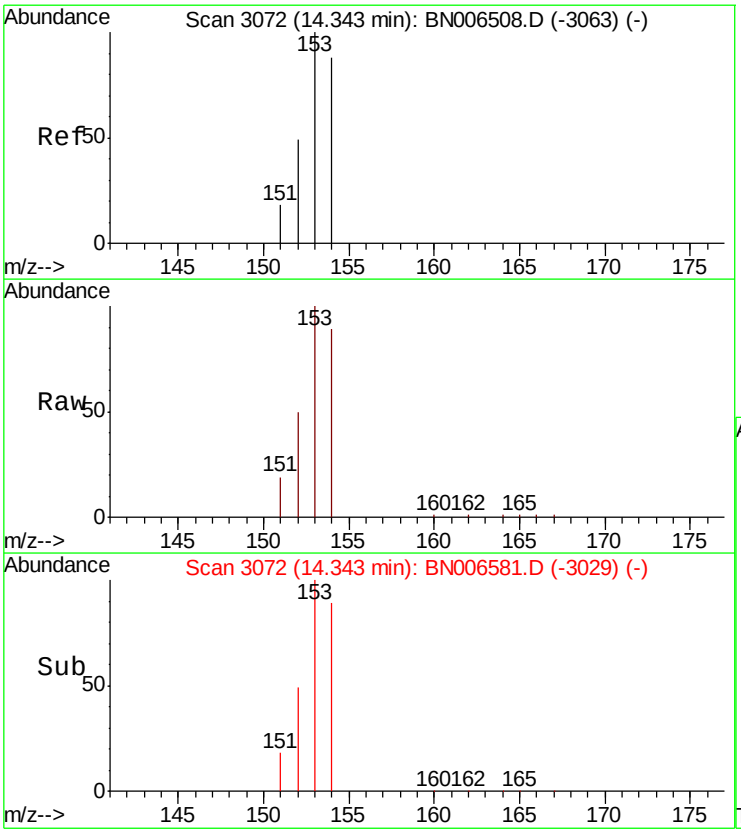
#7
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.00 min Scan# 2998
Delta R.T. -0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion:152 Resp: 21249

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.4	10.8	16.2

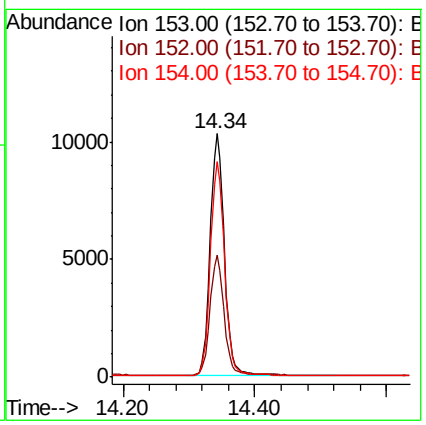


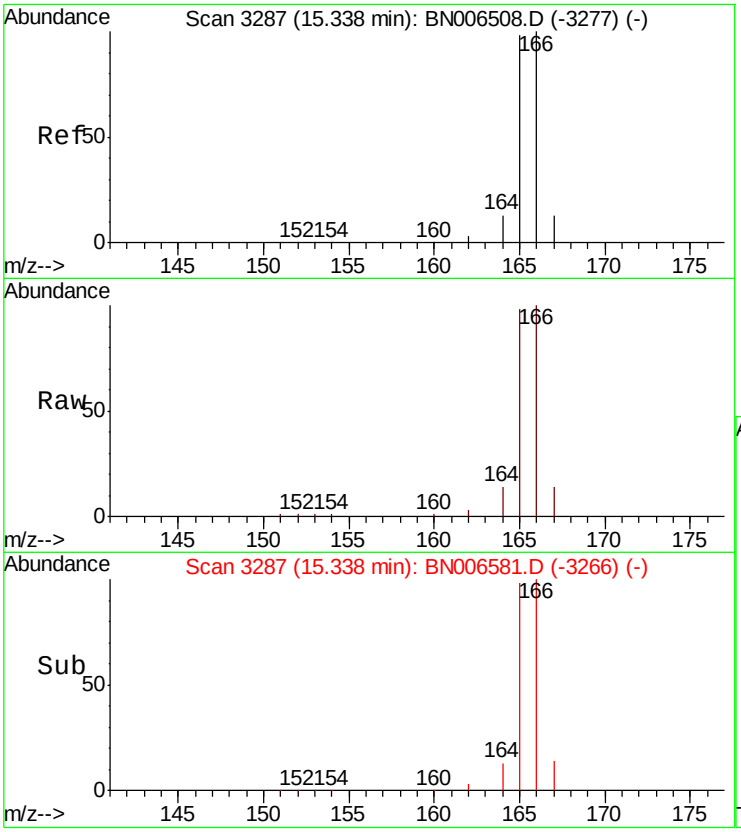


#8
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Tgt Ion:153 Resp: 15532

Ion	Ratio	Lower	Upper
153	100		
152	50.4	39.1	58.7
154	88.7	71.1	106.7



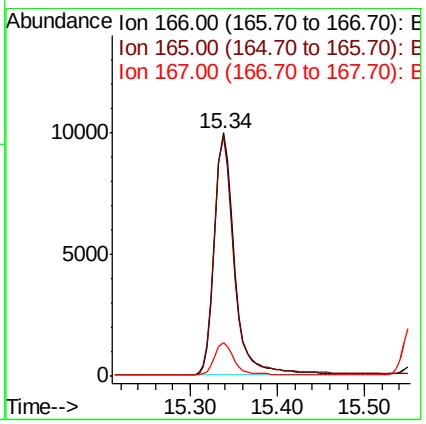


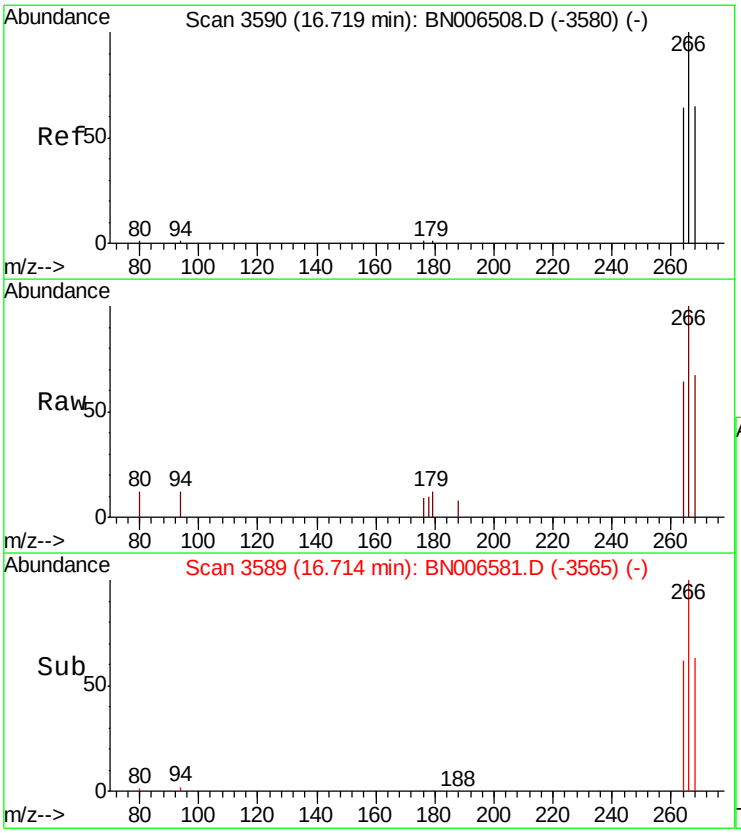
#9
Fluorene
Concen: 0.373 ng/ul
RT: 15.34 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion:166 Resp: 15886

Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.4	114.6
167	14.1	11.0	16.6

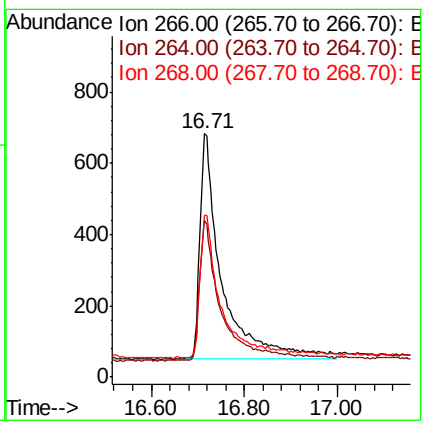


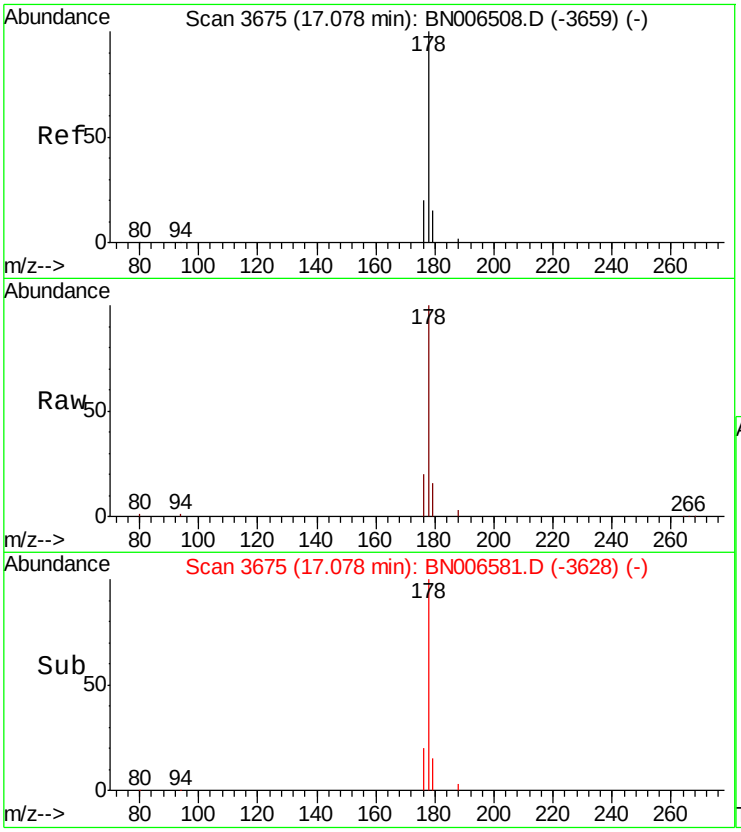


#11
Pentachlorophenol
Concen: 0.484 ng/ul
RT: 16.71 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Tgt Ion:266 Resp: 2060

Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.3	75.5
268	64.8	51.3	76.9



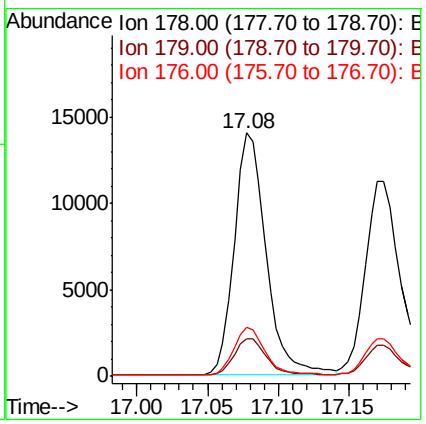


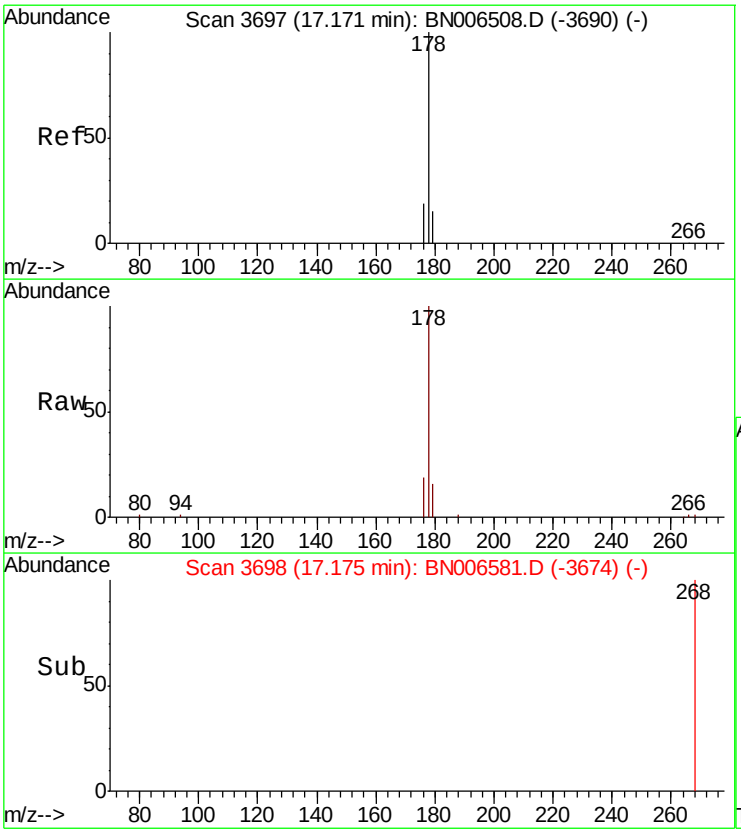
#12
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion:178 Resp: 22095

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.9	15.3	22.9

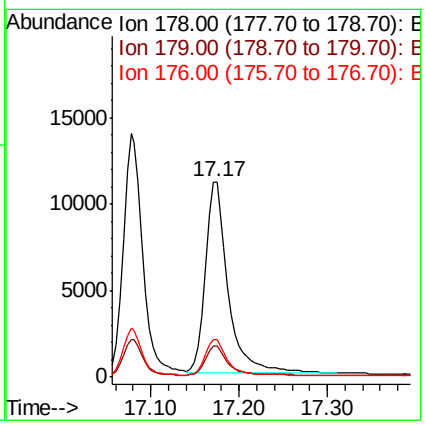


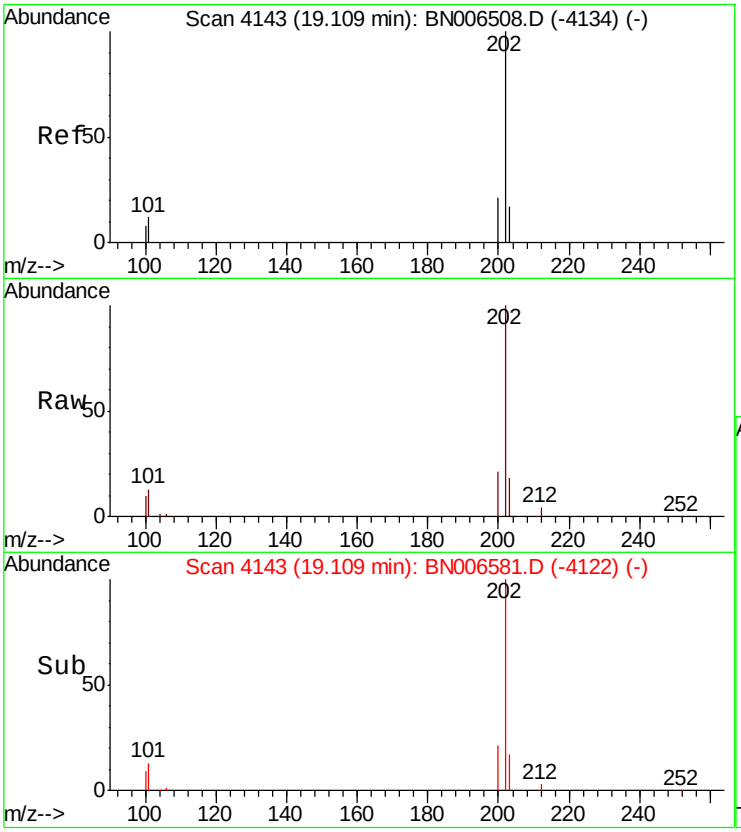


#13
Anthracene
Concen: 0.390 ng/ul
RT: 17.17 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Tgt Ion:178 Resp: 20057

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.1	15.1	22.7



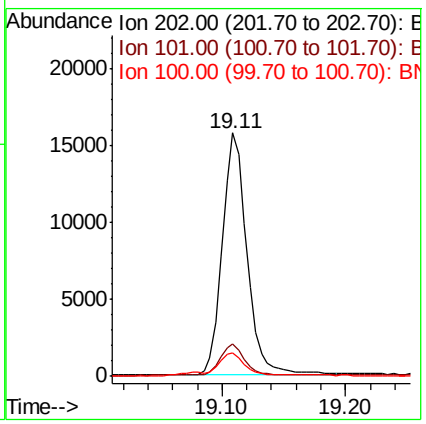


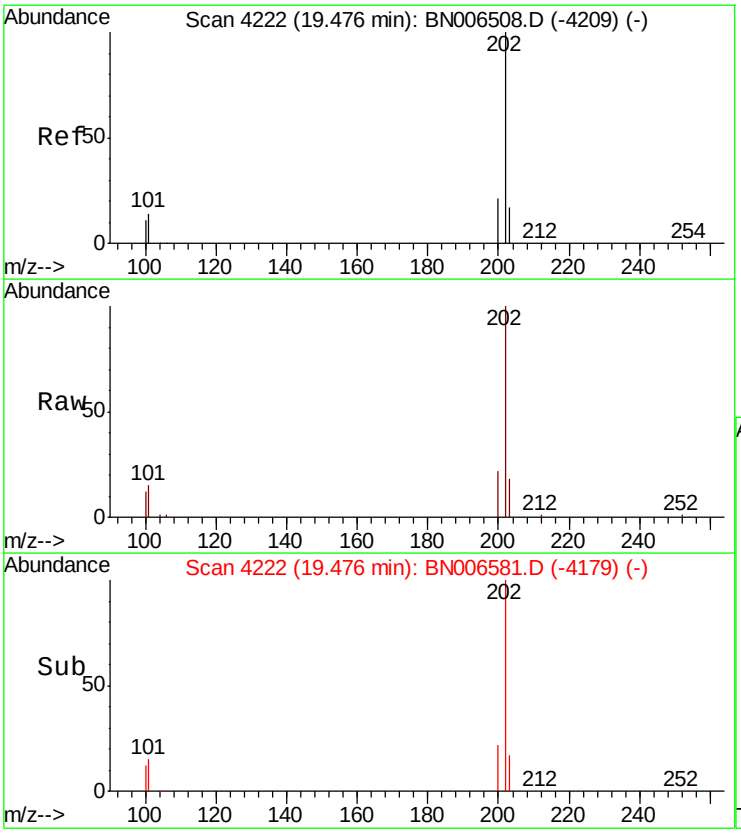
#15
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.11 min Scan# 4143
Delta R.T. -0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion:202 Resp: 22023

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.1
100	9.6	0.0	28.7

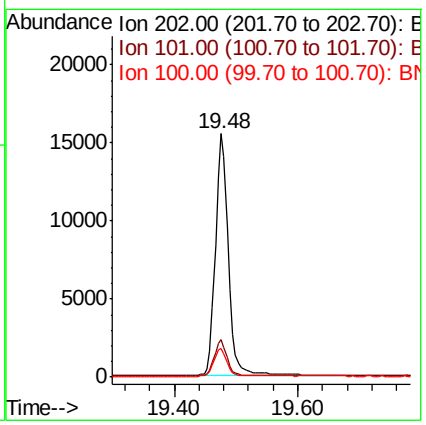


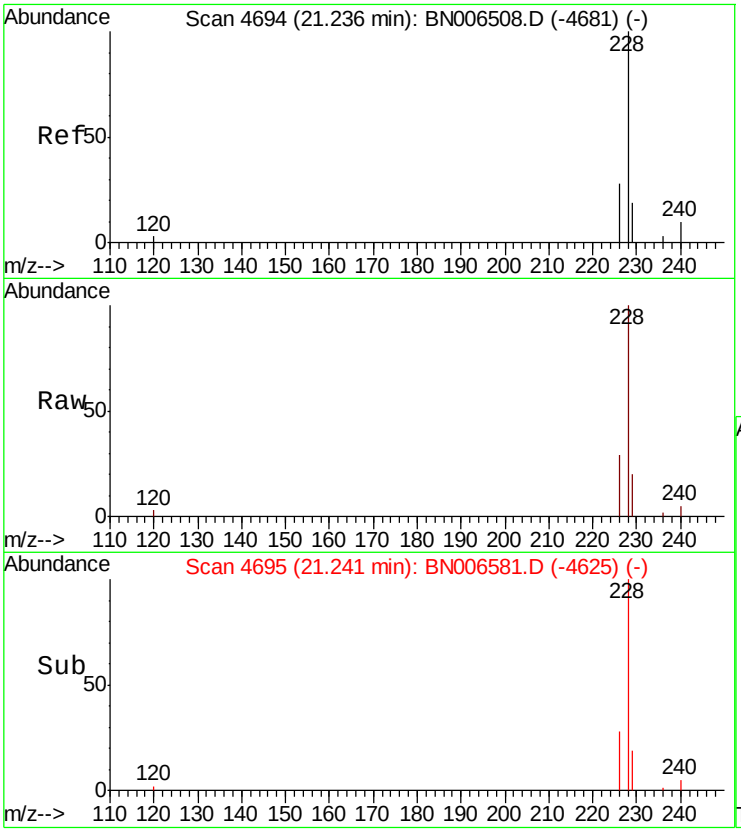


#17
Pyrene
Concen: 0.414 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Tgt Ion:202 Resp: 22479

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.2
100	11.8	9.8	14.6



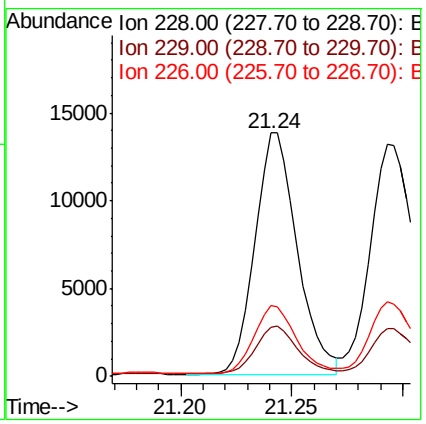


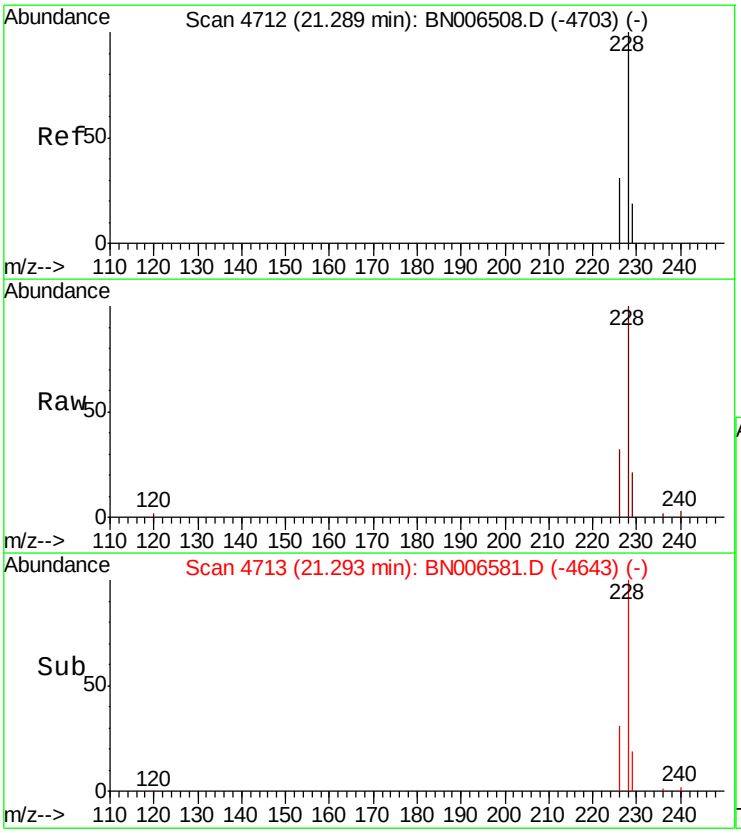
#18
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.24 min Scan# 4695
Delta R.T. 0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion:228 Resp: 18282

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.5	24.7
226	29.1	22.8	34.2

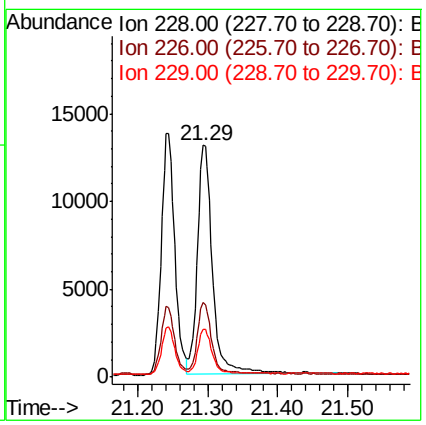


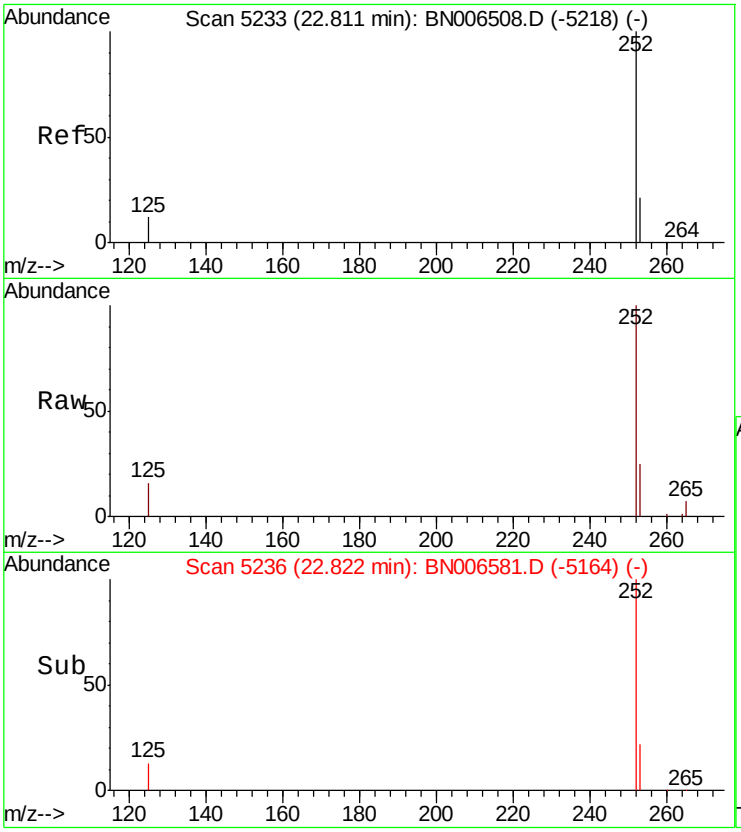


#19
Chrysene
Concen: 0.462 ng/ul
RT: 21.29 min Scan# 4713
Delta R.T. 0.00 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Tgt Ion:228 Resp: 19762

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	20.5	16.3	24.5



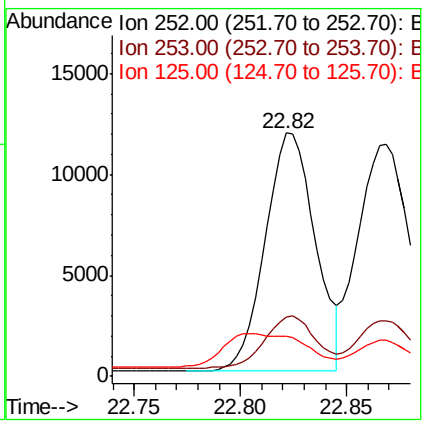


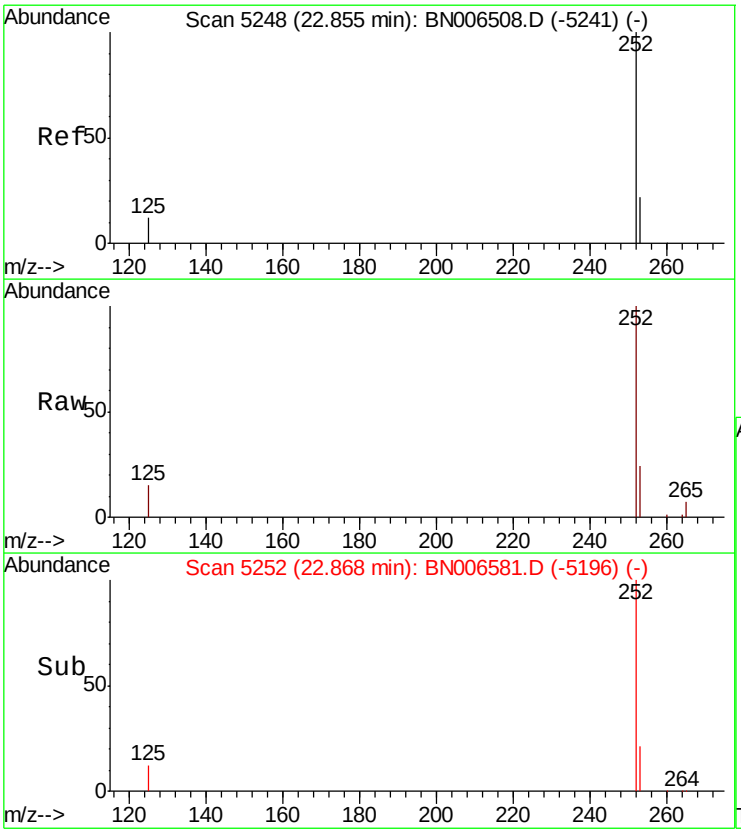
#21
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 22.82 min Scan# 5236
Delta R.T. 0.01 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion:252 Resp: 19341

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	51.4
125	16.2	0.0	41.0

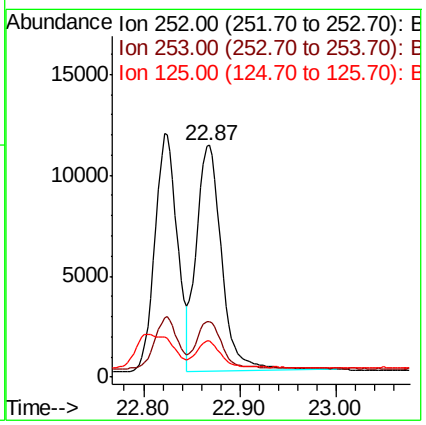


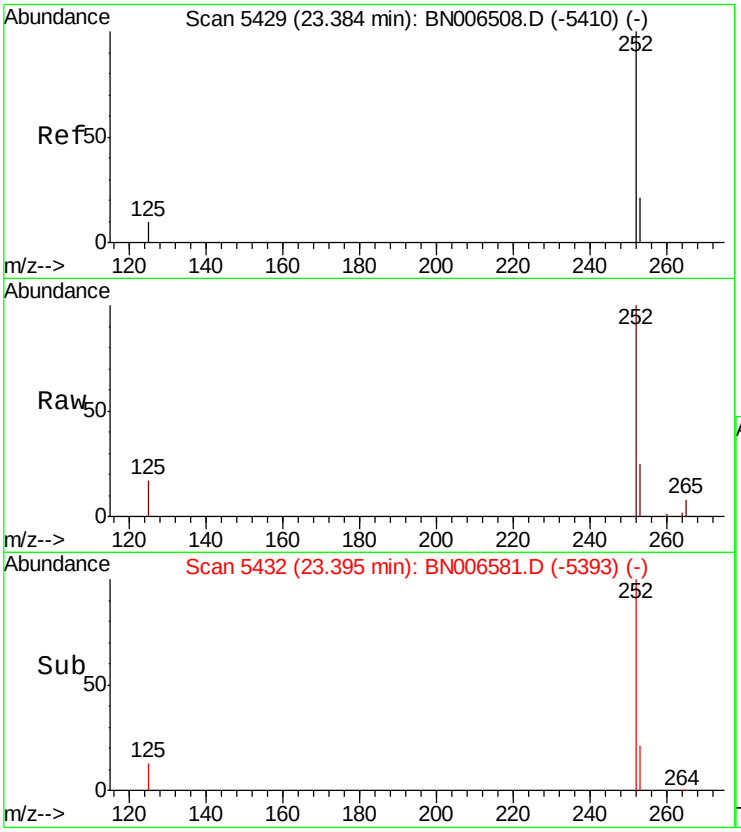


#22
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 22.87 min Scan# 5252
Delta R.T. 0.01 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Tgt Ion:252 Resp: 20398

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.3	30.5
125	15.4	14.3	21.5



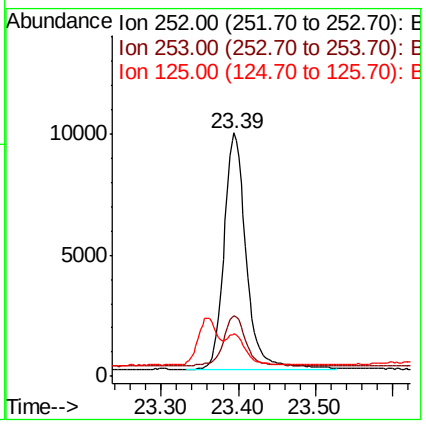


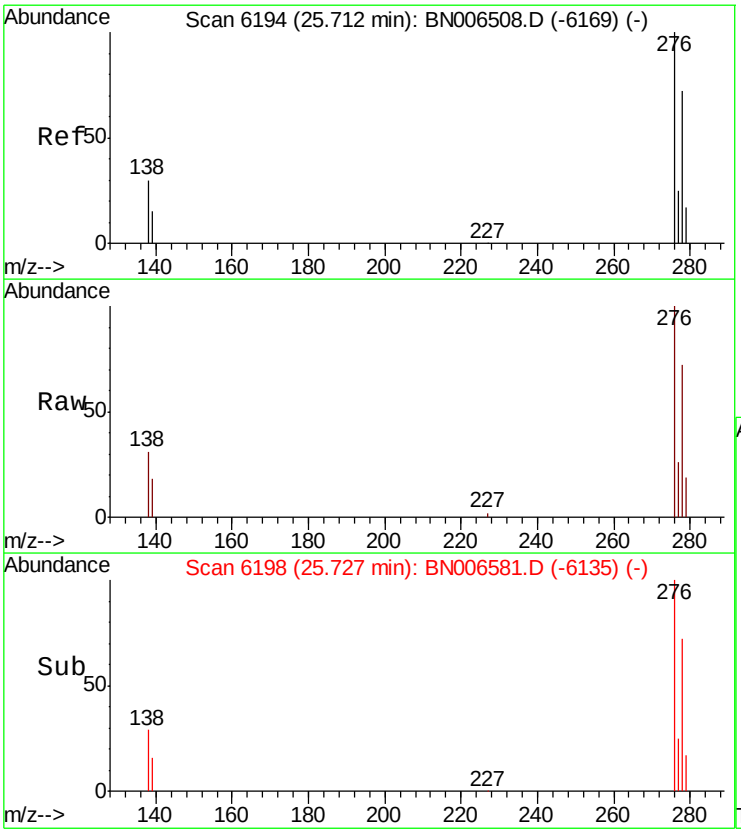
#23
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.39 min Scan# 5432
Delta R.T. 0.01 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion:252 Resp: 19572

Ion	Ratio	Lower	Upper
252	100		
253	25.0	21.1	31.7
125	17.5	20.3	30.5#

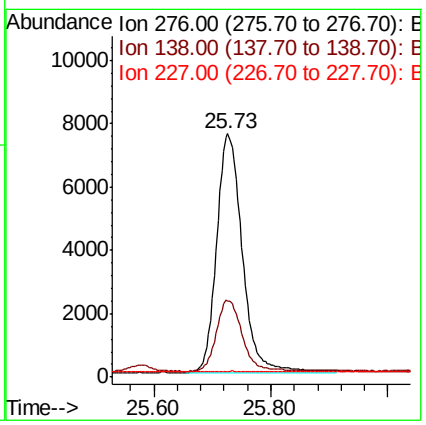


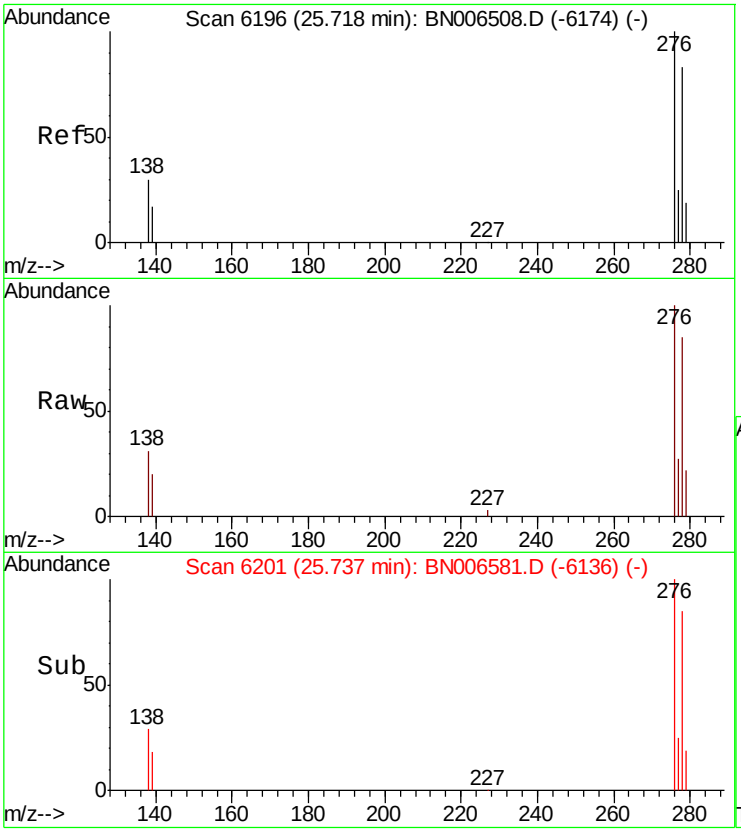


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.453 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. 0.01 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Tgt Ion:276 Resp: 22898

Ion	Ratio	Lower	Upper
276	100		
138	30.5	25.6	38.4
227	0.1	0.3	0.5#



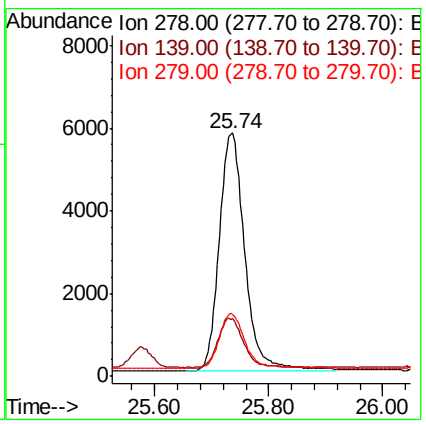


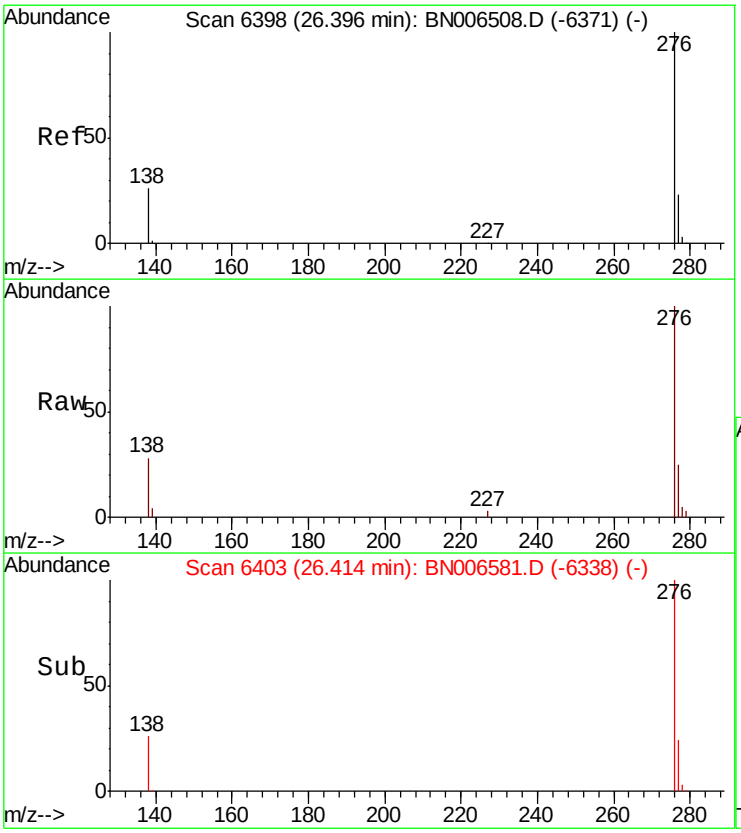
#25
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. 0.02 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion:278 Resp: 18084

Ion	Ratio	Lower	Upper
278	100		
139	23.7	21.2	31.8
279	25.6	22.6	33.8





#26
Benzo(g,h,i)perylene
Concen: 0.464 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. 0.02 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Tgt Ion:276 Resp: 19663

Ion	Ratio	Lower	Upper
276	100		
138	27.9	24.2	36.4
277	25.4	21.5	32.3