Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000418.D
Acq On : 15 Mar 2018 16:33
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 05:45:54 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 05:42:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	195915	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	953294	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	536151	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1182304	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1012358	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	938616	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1083979	20.37	ng/ul	0.00
10) Fluorene-d10	16.05	176	726022	20.15	ng/ul	0.00
14) Anthracene-d10	17.89	188	1096598	19.85	ng/ul	0.00
18) Pyrene-d10	20.14	212	1140068	23.02	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	862114	20.11	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.34	128	979441	19.470	ng/ul	99
4) 2-Methylnaphthalene	12.92	142	679338	19.184	ng/ul	97
5) 1-Methylnaphthalene	13.14	142	679806	19.129	ng/ul#	92
8) Acenaphthylene	14.80	152	1070952	20.027	ng/ul	98
9) Acenaphthene	15.13	153	726045	19.508	ng/ul	96
11) Fluorene	16.10	166	813071	19.807	ng/ul	93
13) Phenanthrene	17.83	178	1314138	19.381	ng/ul	99
15) Anthracene	17.92	178	1364024	19.826	ng/ul	99
16) Fluoranthene	19.81	202	1471882	20.091	ng/ul	95
19) Pyrene	20.17	202	1447413	22.646	ng/ul#	89
20) Benzo(a)anthracene	21.90	228	1270368	20.185	ng/ul	99
21) Chrysene	21.95	228	1174415	19.664	ng/ul	100
23) Benzo(b)fluoranthene	23.64	252	1155920	20.652	ng/ul#	96
24) Benzo(k)fluoranthene	23.69	252	1061266	20.257	ng/ul#	96
26) Benzo(a)pyrene	24.29	252	1064749	19.988	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.98	276	1176492	20.484	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.98	278	986518	20.955	ng/ul#	93
29) Benzo(g,h,i)perylene	27.77	276	978288	20.399	ng/ul#	88

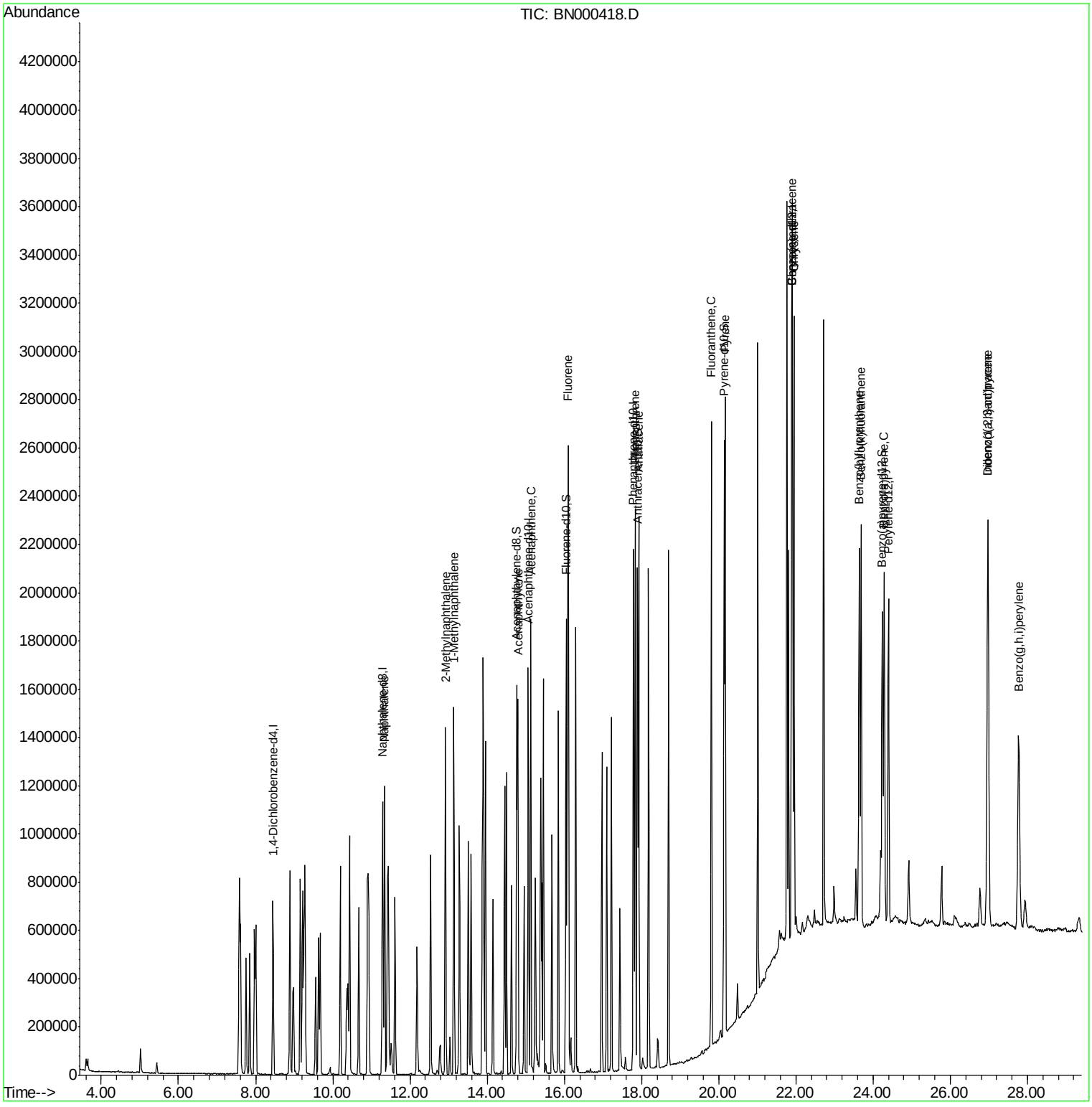
(#) = qualifier out of range (m) = manual integration (+) = signals summed

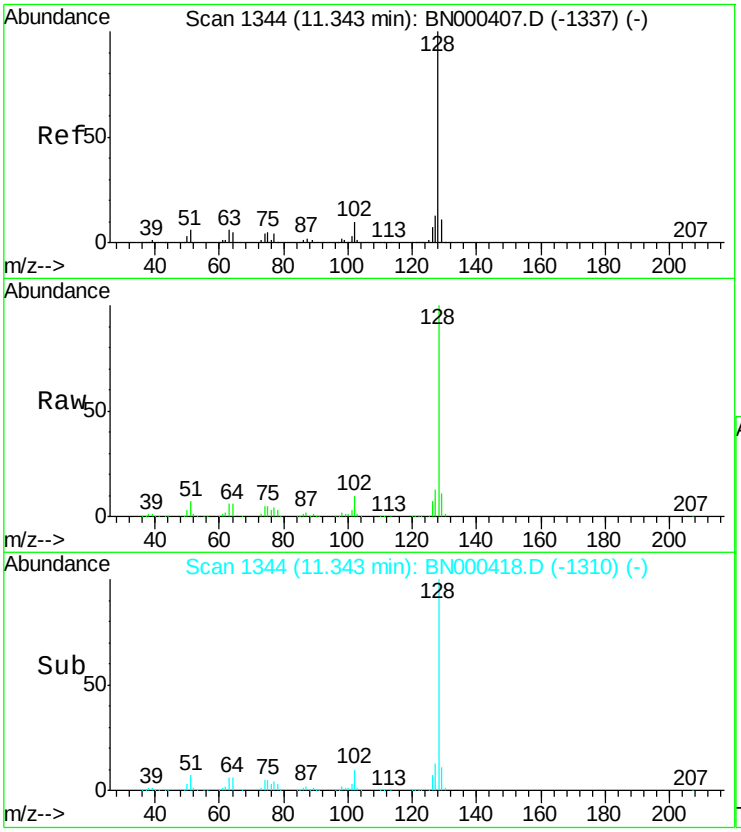
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000418.D
Acq On : 15 Mar 2018 16:33
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 05:45:54 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 05:42:40 2018
Response via : Initial Calibration



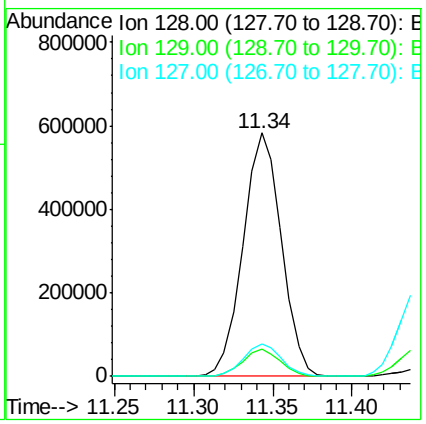


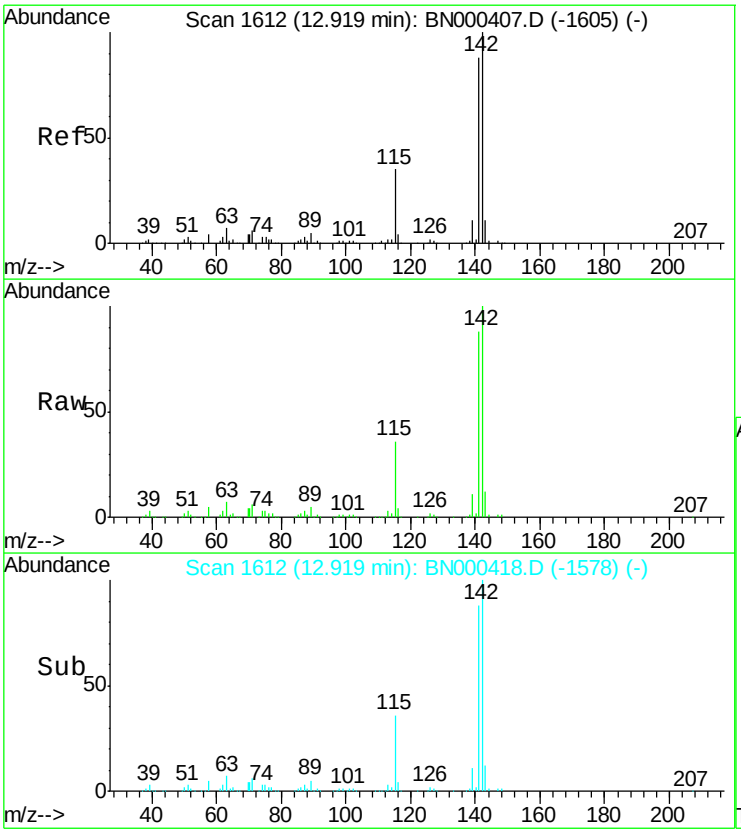
#3
Naphthalene
Concen: 19.470 ng/ul
RT: 11.34 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 979441

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.1	10.6	16.0

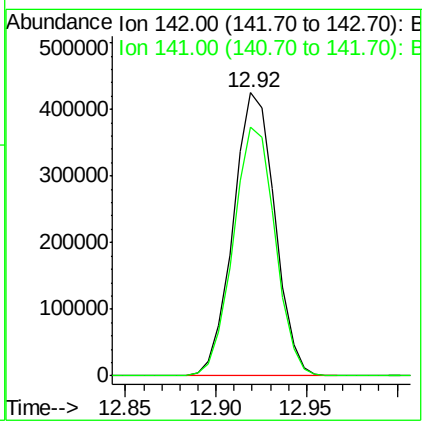


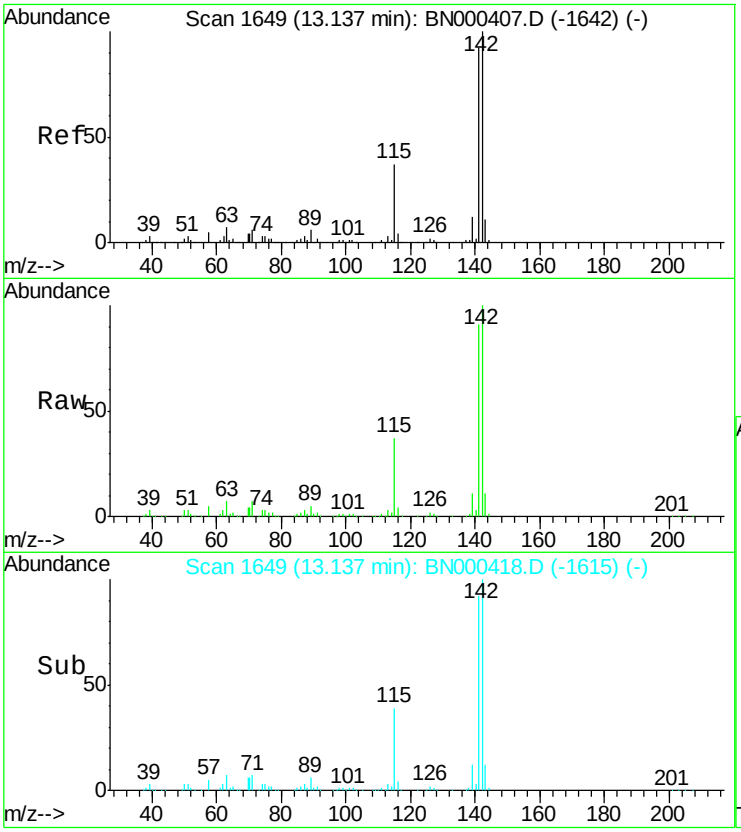


#4
2-Methylnaphthalene
Concen: 19.184 ng/ul
RT: 12.92 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Tgt Ion:142 Resp: 679338

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.7	109.1



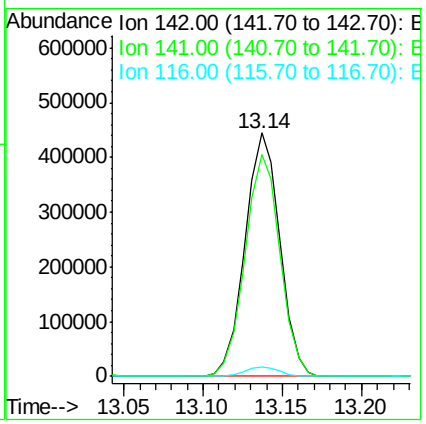


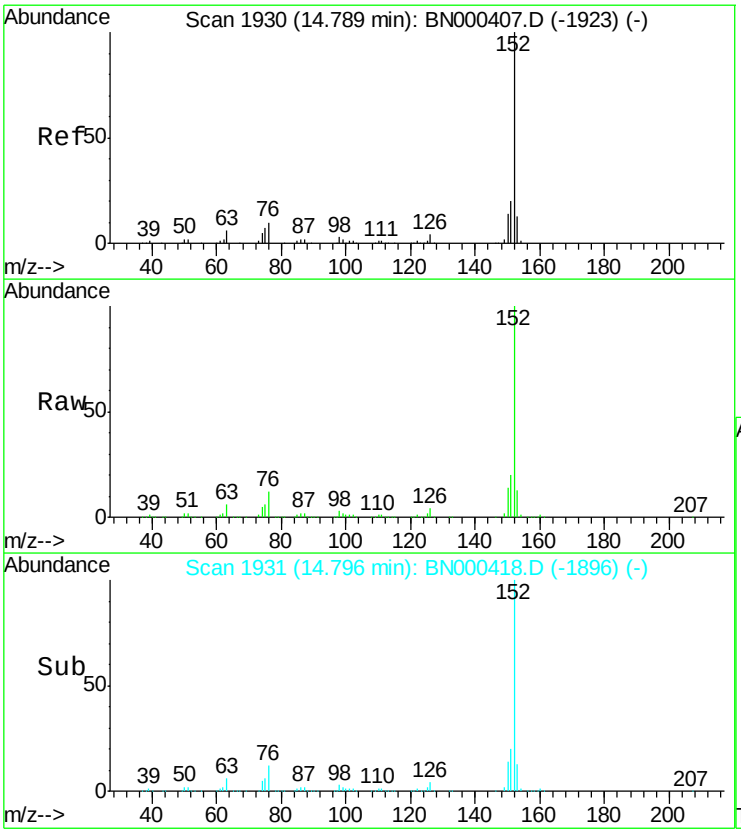
#5
1-Methylnaphthalene
Concen: 19.129 ng/ul
RT: 13.14 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 679806

Ion	Ratio	Lower	Upper
142	100		
141	91.1	79.3	118.9
116	3.7	4.2	6.2#

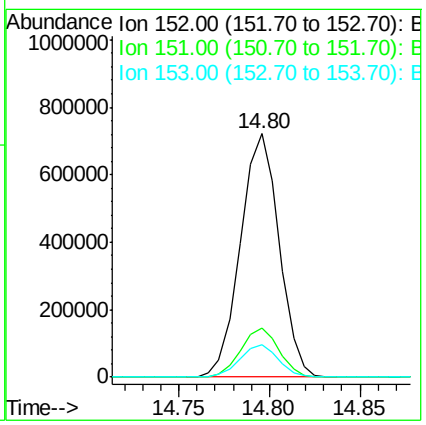


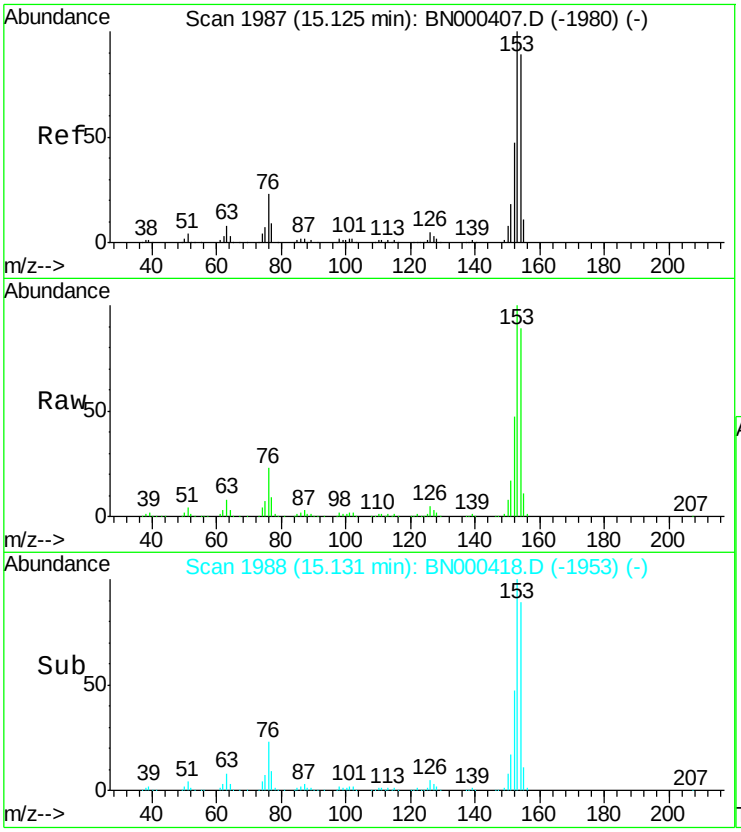


#8
Acenaphthylene
Concen: 20.027 ng/ul
RT: 14.80 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Tgt Ion:152 Resp: 1070952

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.7	25.1
153	13.1	10.2	15.4



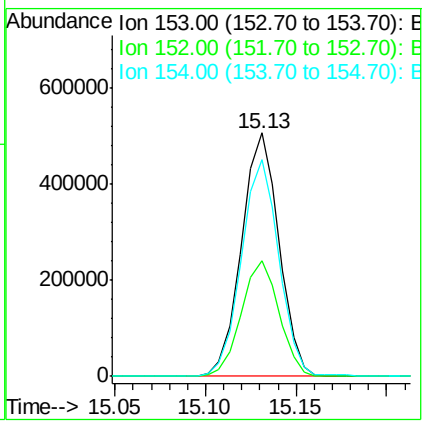


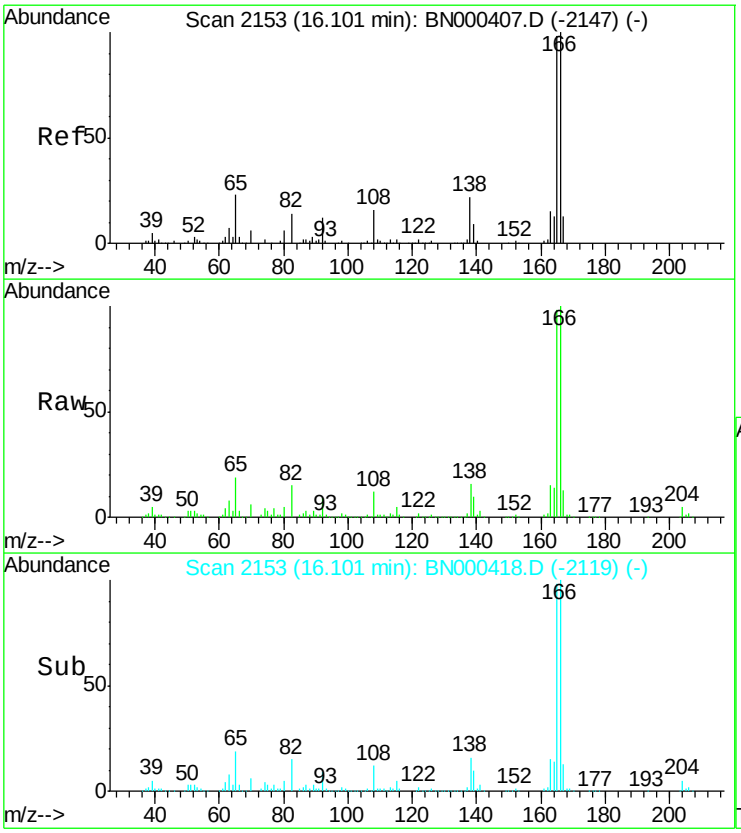
#9
Acenaphthene
Concen: 19.508 ng/ul
RT: 15.13 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 726045

Ion	Ratio	Lower	Upper
153	100		
152	47.4	39.0	58.6
154	88.8	66.8	100.2

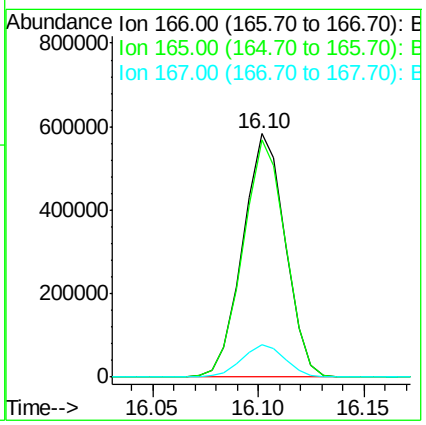


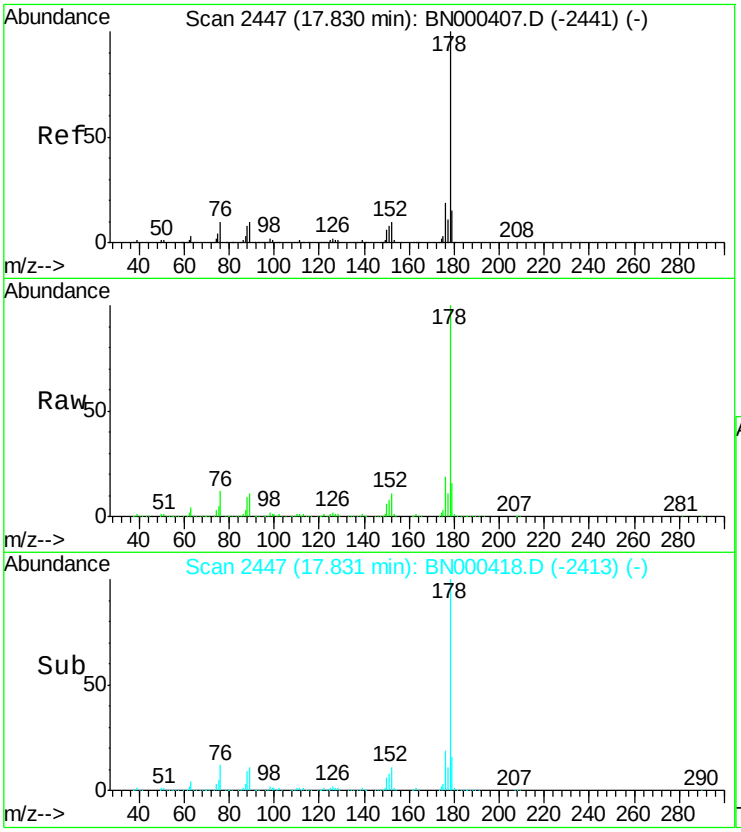


#11
Fluorene
Concen: 19.807 ng/ul
RT: 16.10 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Tgt Ion:166 Resp: 813071

Ion	Ratio	Lower	Upper
166	100		
165	97.5	83.8	125.8
167	13.3	11.5	17.3



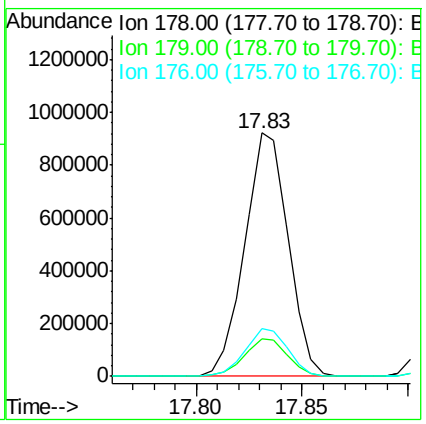


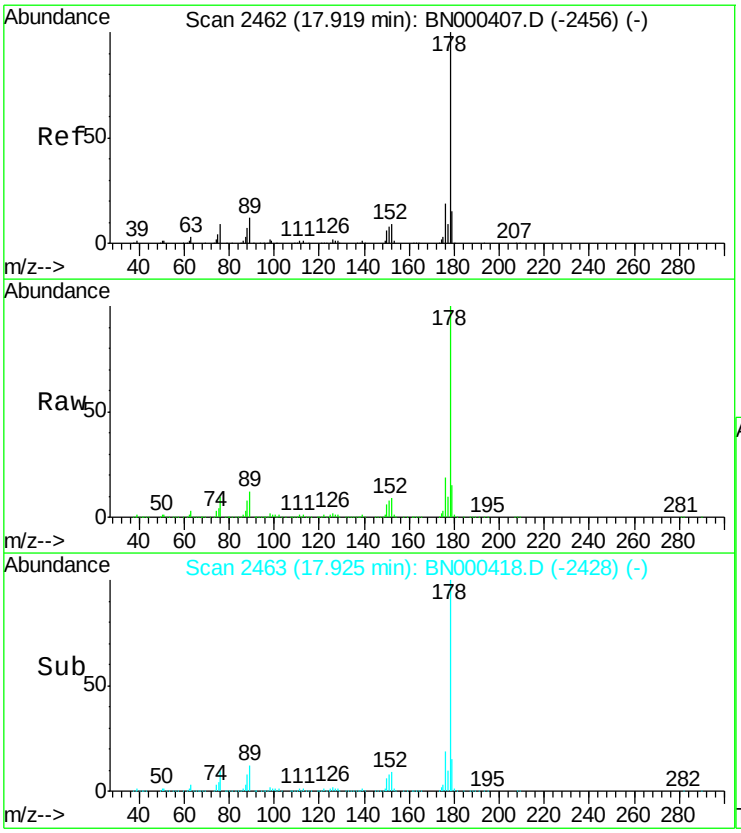
#13
Phenanthrene
Concen: 19.381 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1314138

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.4	15.1	22.7

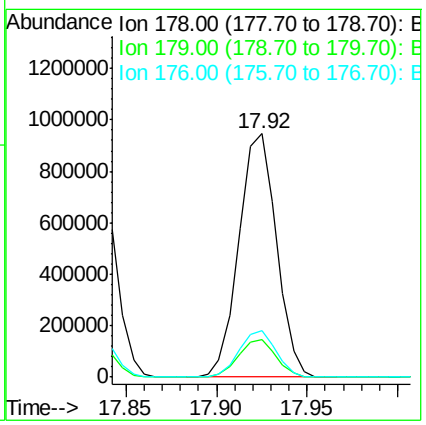


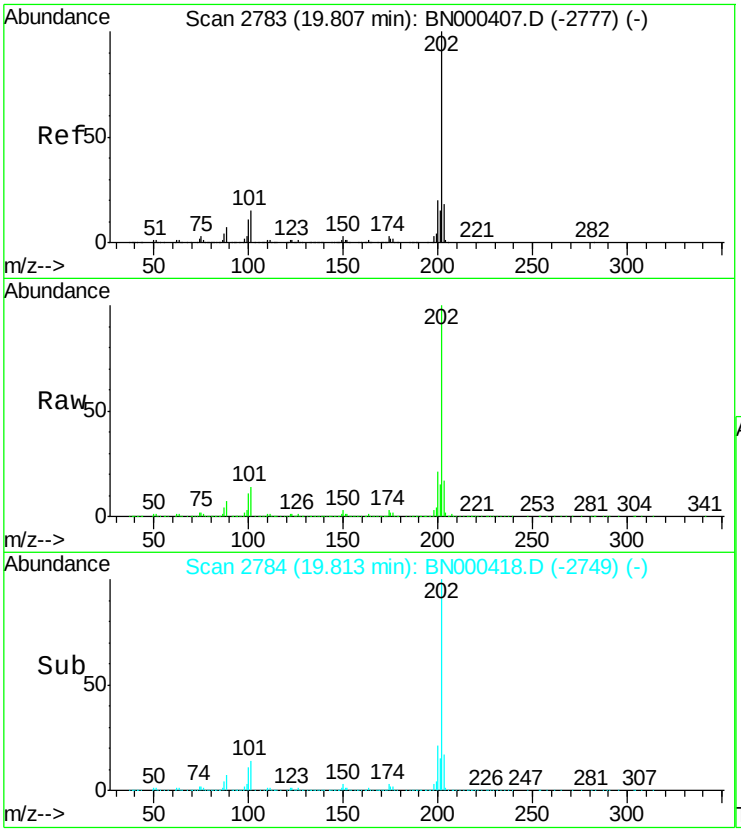


#15
Anthracene
Concen: 19.826 ng/ul
RT: 17.92 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Tgt Ion:178 Resp: 1364024

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.9	15.2	22.8



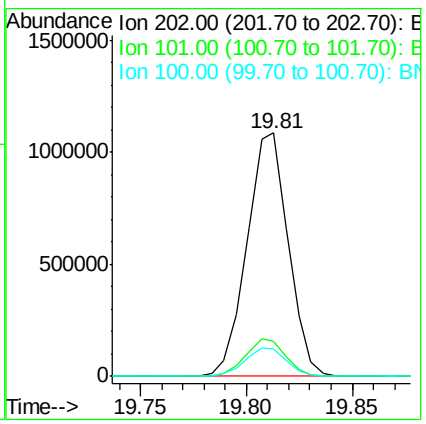


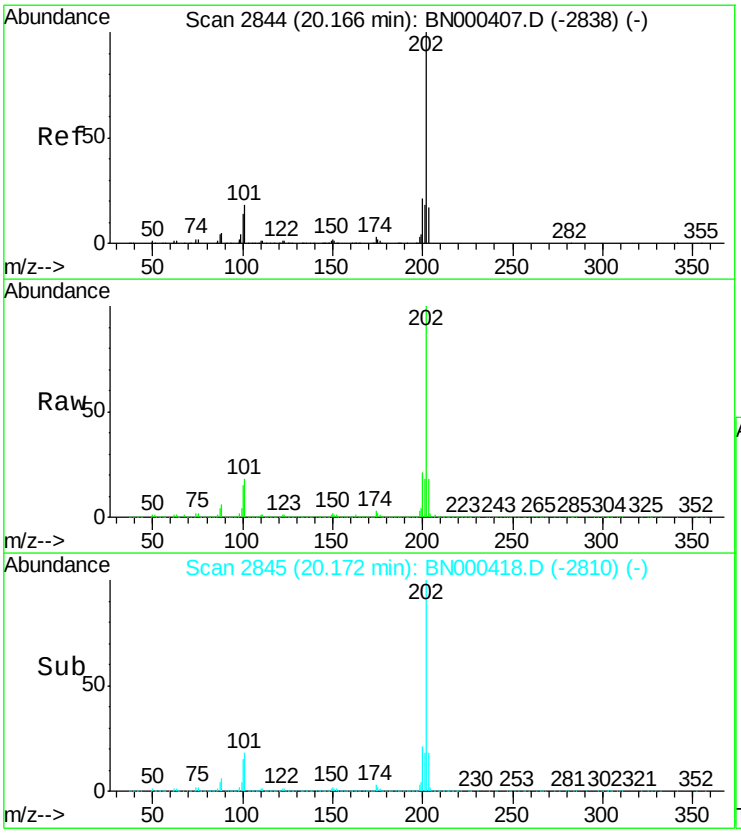
#16
Fluoranthene
Concen: 20.091 ng/ul
RT: 19.81 min Scan# 2784
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1471882

Ion	Ratio	Lower	Upper
202	100		
101	14.2	9.9	14.9
100	11.0	7.4	11.0

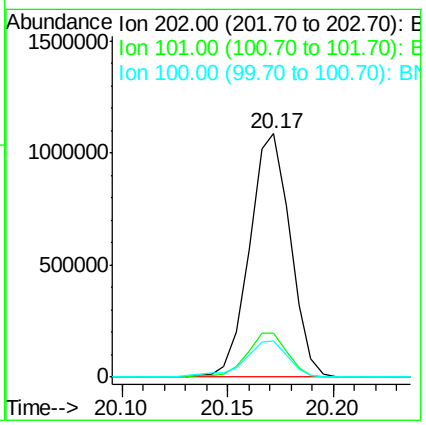


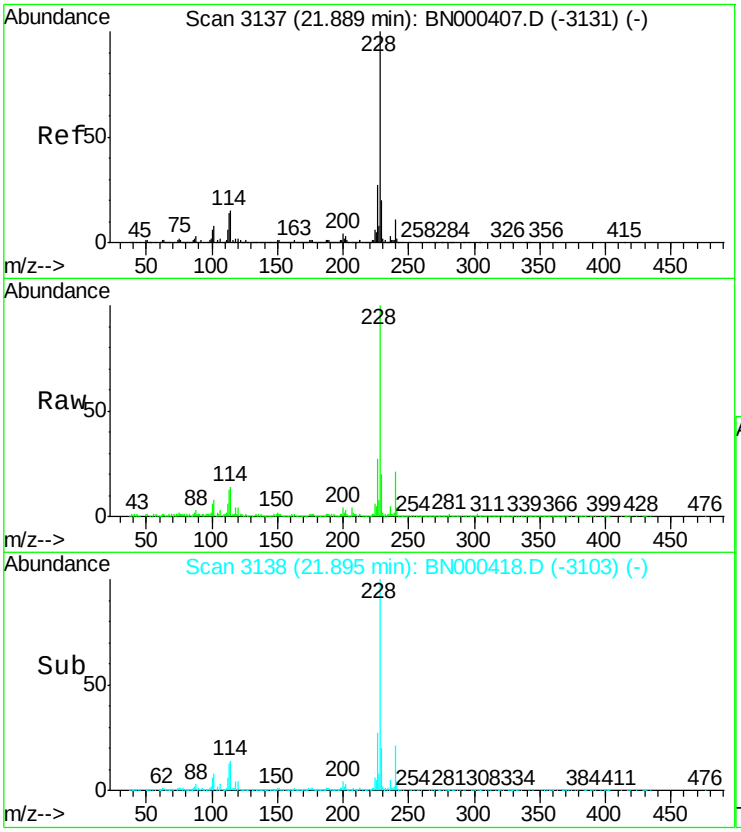


#19
Pyrene
Concen: 22.646 ng/ul
RT: 20.17 min Scan# 2845
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Tgt Ion:202 Resp: 1447413

Ion	Ratio	Lower	Upper
202	100		
101	17.9	11.0	16.4#
100	14.7	8.1	12.1#



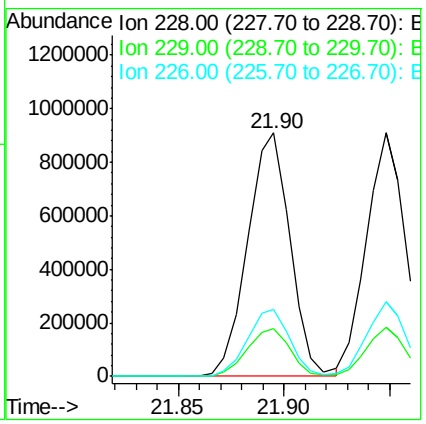


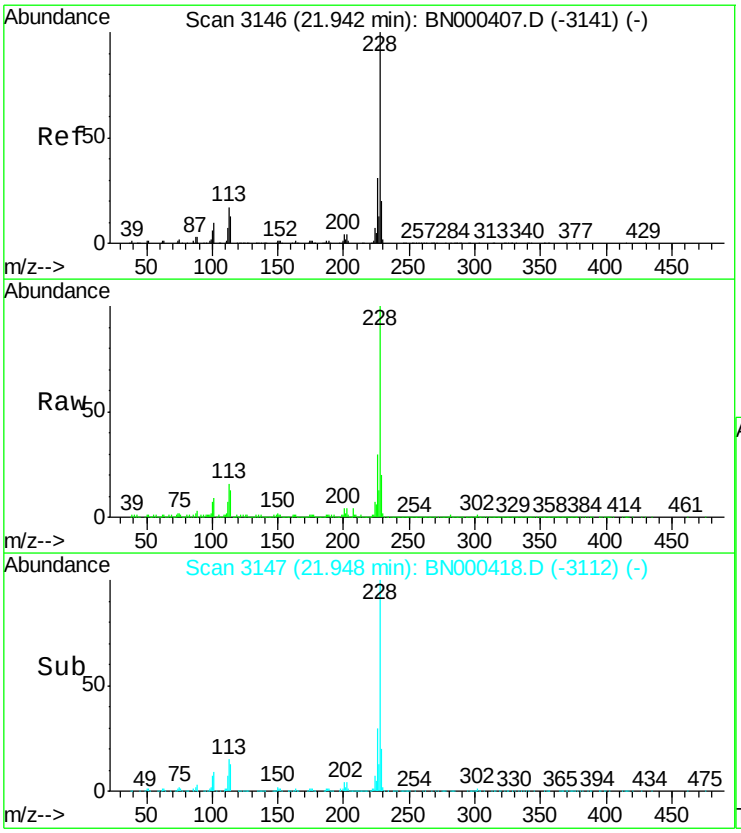
#20
Benzo(a)anthracene
Concen: 20.185 ng/ul
RT: 21.90 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1270368

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	27.3	21.1	31.7

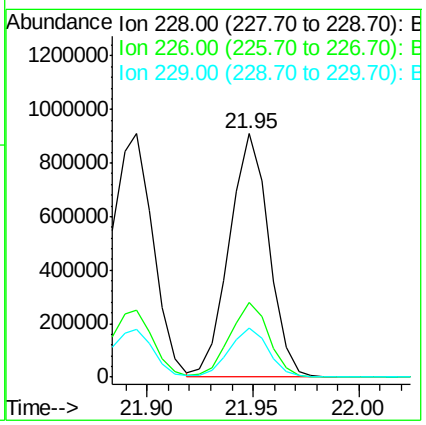


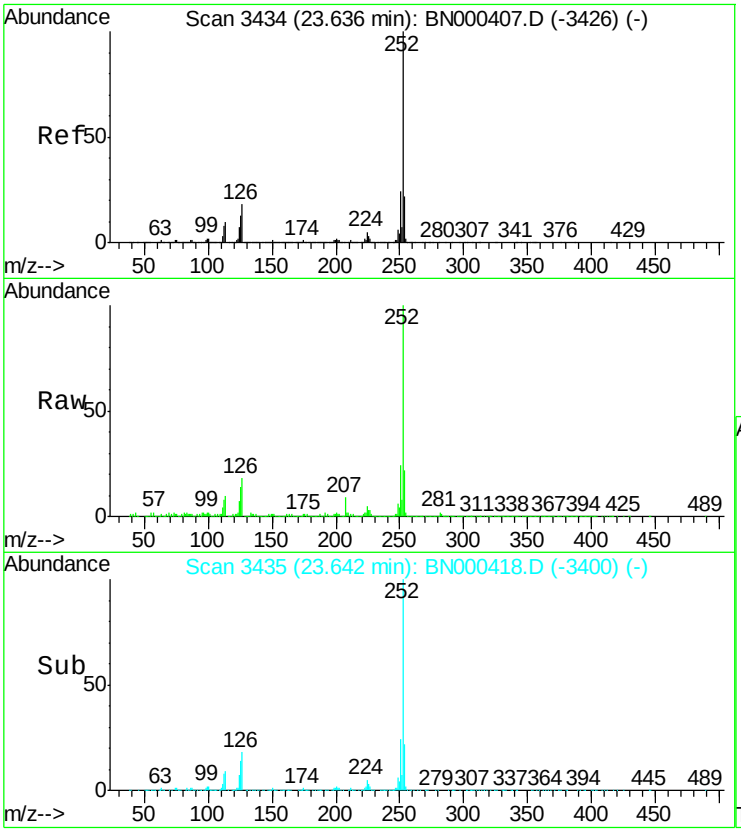


#21
Chrysene
Concen: 19.664 ng/ul
RT: 21.95 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Tgt Ion:228 Resp: 1174415

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	20.1	15.8	23.8



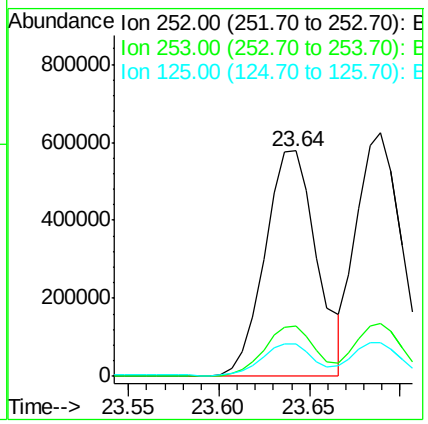


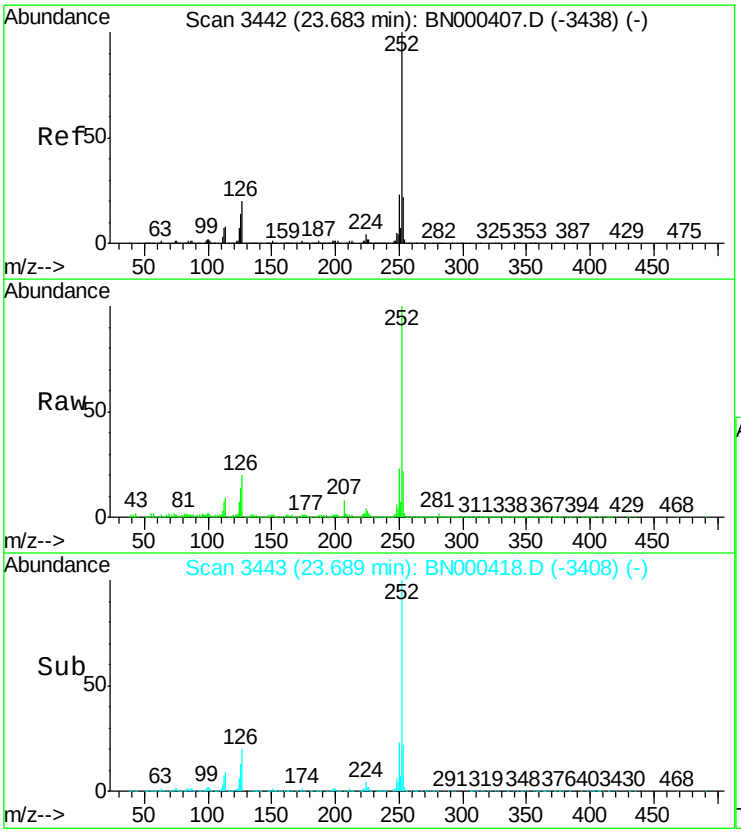
#23
Benzo(b)fluoranthene
Concen: 20.652 ng/ul
RT: 23.64 min Scan# 3435
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1155920

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	14.4	8.0	12.0#

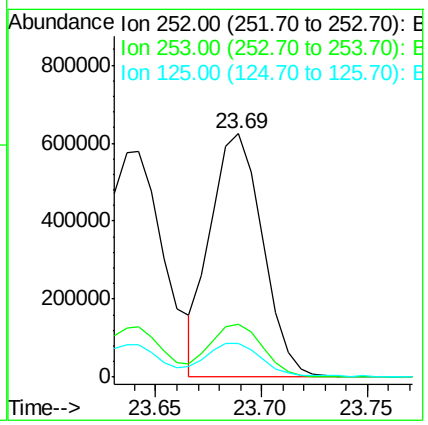


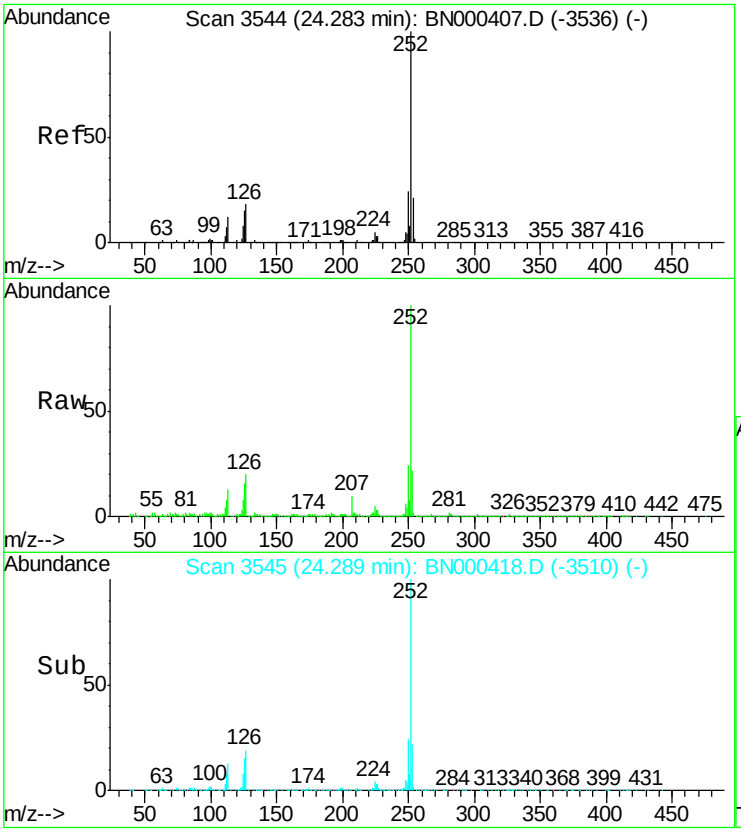


#24
Benzo(k)fluoranthene
Concen: 20.257 ng/ul
RT: 23.69 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Tgt Ion:252 Resp: 1061266

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	13.6	8.1	12.1#



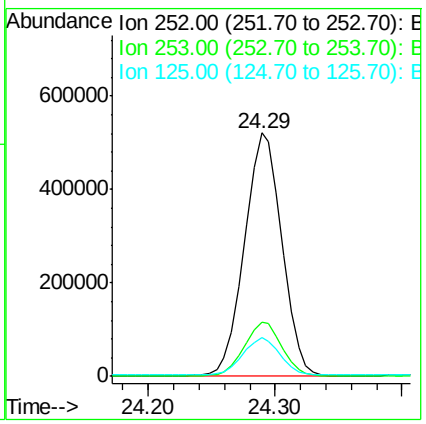


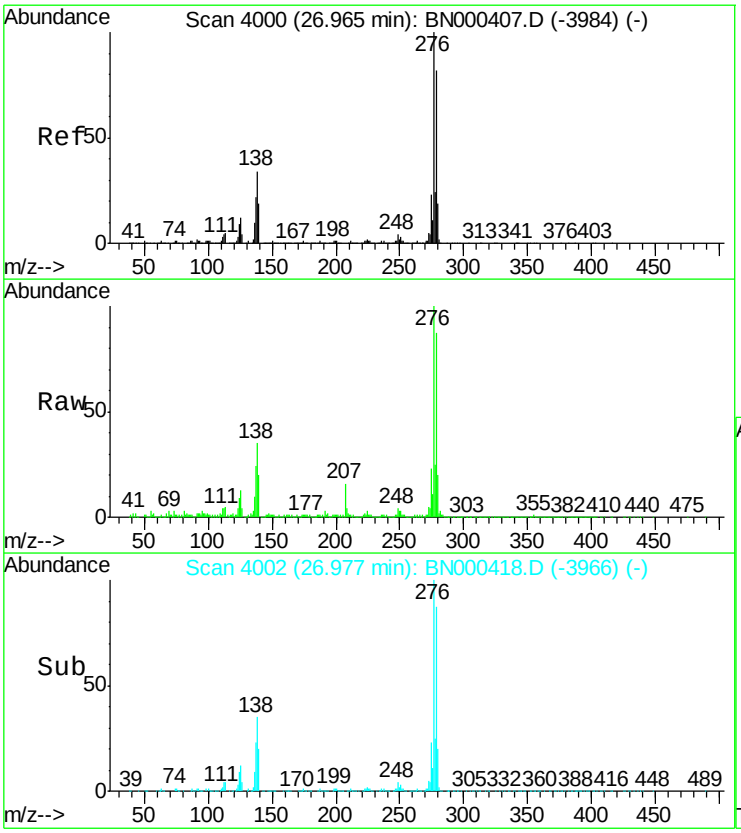
#26
Benzo(a)pyrene
Concen: 19.988 ng/ul
RT: 24.29 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1064749

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	15.9	8.2	12.4#

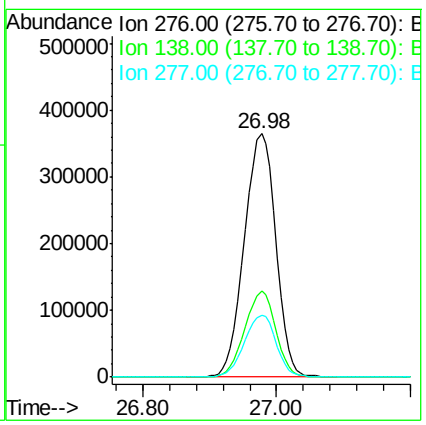


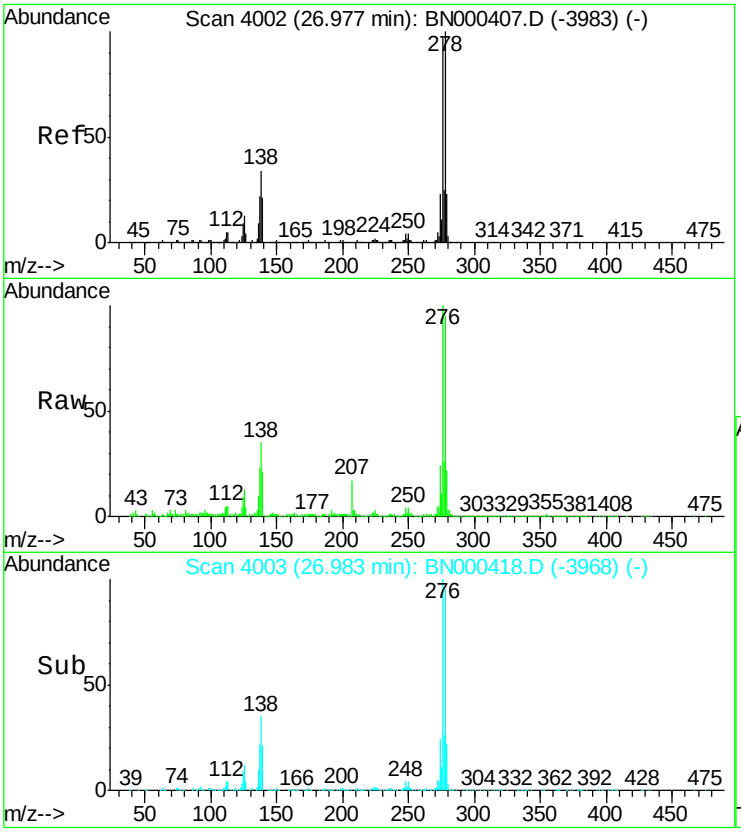


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.484 ng/ul
RT: 26.98 min Scan# 4002
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Tgt Ion:276 Resp: 1176492

Ion	Ratio	Lower	Upper
276	100		
138	35.2	14.4	21.6#
277	25.3	18.0	27.0



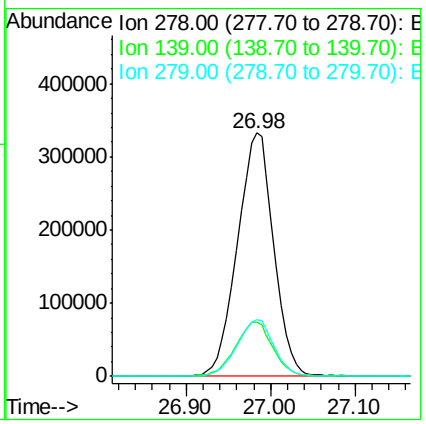


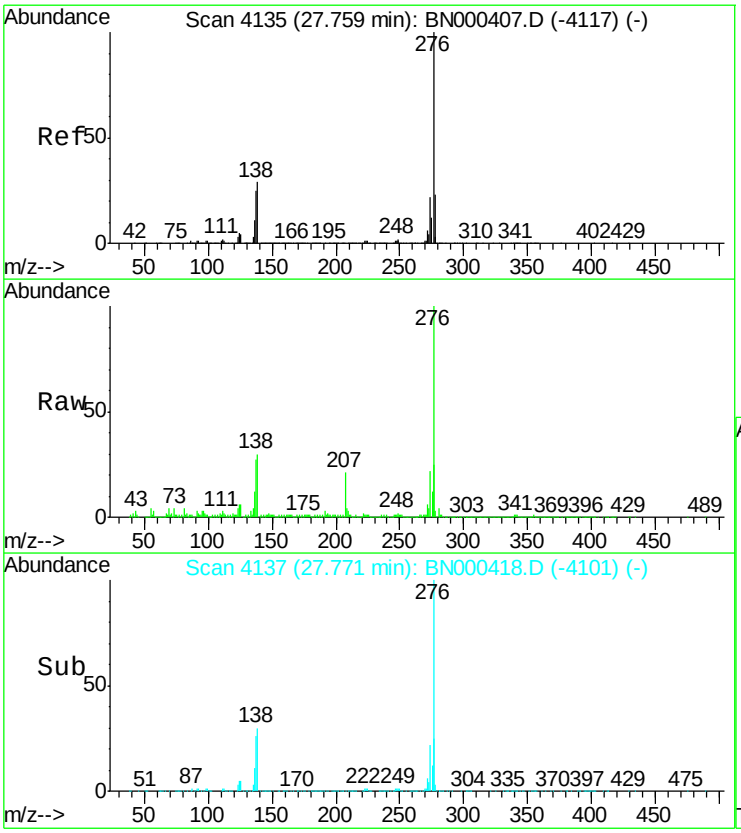
#28
Dibenzo(a,h)anthracene
Concen: 20.955 ng/ul
RT: 26.98 min Scan# 4003
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 986518

Ion	Ratio	Lower	Upper
278	100		
139	22.2	12.2	18.4#
279	23.2	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 20.399 ng/ul
RT: 27.77 min Scan# 4137
Delta R.T. 0.01 min
Lab File: BN000418.D
Acq: 15 Mar 2018 16:33

Tgt Ion:276 Resp: 978288

Ion	Ratio	Lower	Upper
276	100		
138	30.3	15.3	22.9#
277	24.9	19.0	28.4