Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000411.D
Acq On : 15 Mar 2018 12:31
Operator : JU/SJ
Sample : J1866-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 05:44:00 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	267593	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1263258	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	698140	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1484337	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1216148	20.00	ng/ul	0.00
22) Perylene-d12	24.41	264	1095823	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	2422274	34.96	ng/ul	0.00
10) Fluorene-d10	16.04	176	1593703	33.97	ng/ul	0.00
14) Anthracene-d10	17.88	188	2427514	35.00	ng/ul	0.00
18) Pyrene-d10	20.14	212	2430083	40.84	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	1780635	35.58	ng/ul	0.01
Target Compounds						Qvalue
4) 2-Methylnaphthalene	12.92	142	49205	1.049	ng/ul	100
9) Acenaphthene	15.13	153	1589932	32.807	ng/ul	95
13) Phenanthrene	17.83	178	283136	3.326	ng/ul	99
16) Fluoranthene	19.81	202	615998	6.697	ng/ul#	93
19) Pyrene	20.17	202	3518126	45.820	ng/ul#	86
20) Benzo(a)anthracene	21.90	228	287935	3.808	ng/ul	97
21) Chrysene	21.95	228	299311	4.172	ng/ul	97
23) Benzo(b)fluoranthene	23.64	252	323736	4.954	ng/ul#	93
24) Benzo(k)fluoranthene	23.64	252	323736	5.293	ng/ul#	93
26) Benzo(a)pyrene	24.29	252	227048	3.651	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.97	276	147617	2.201	ng/ul#	84
29) Benzo(g,h,i)perylene	27.77	276	160347	2.864	ng/ul#	87

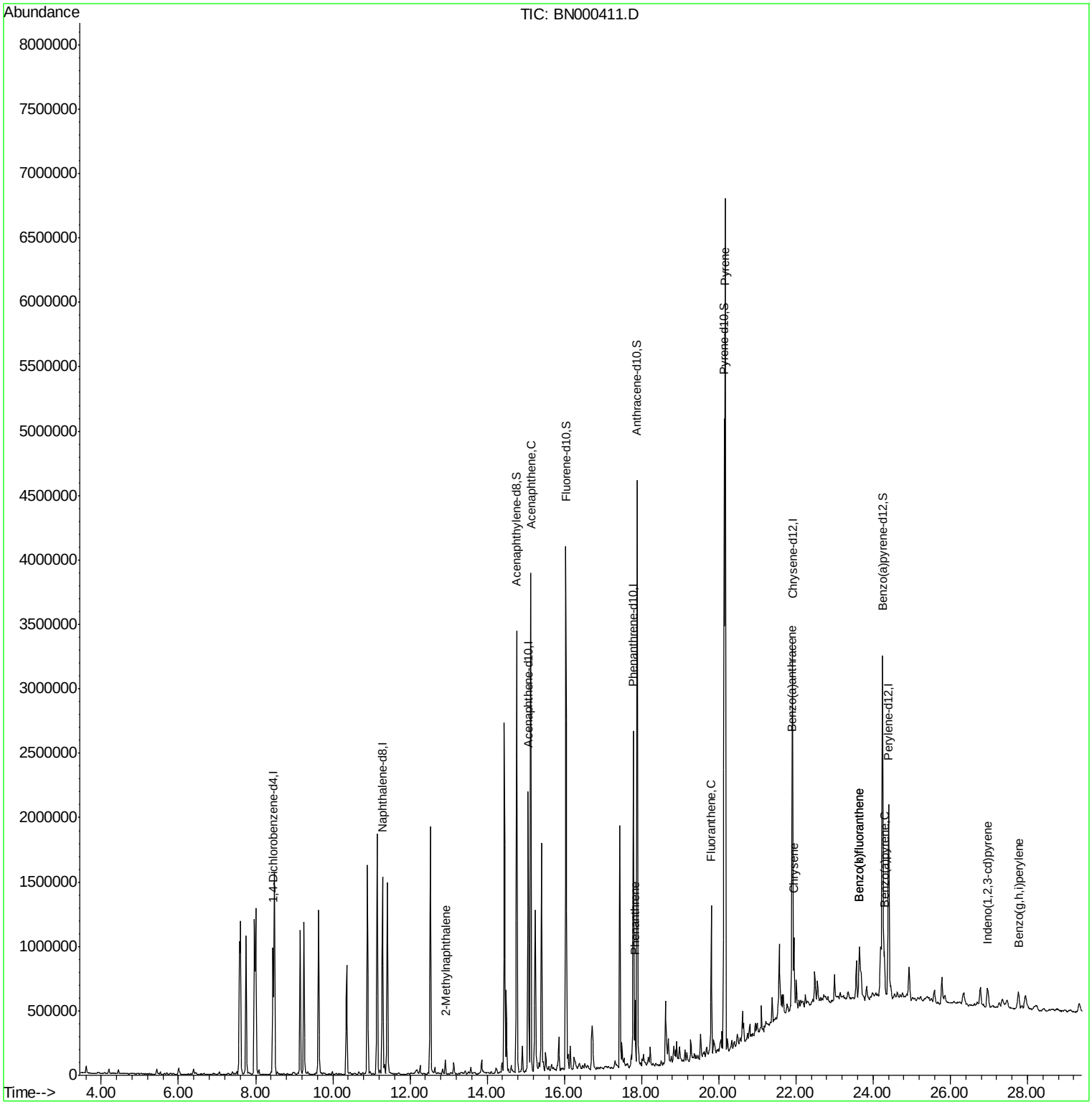
(#) = qualifier out of range (m) = manual integration (+) = signals summed

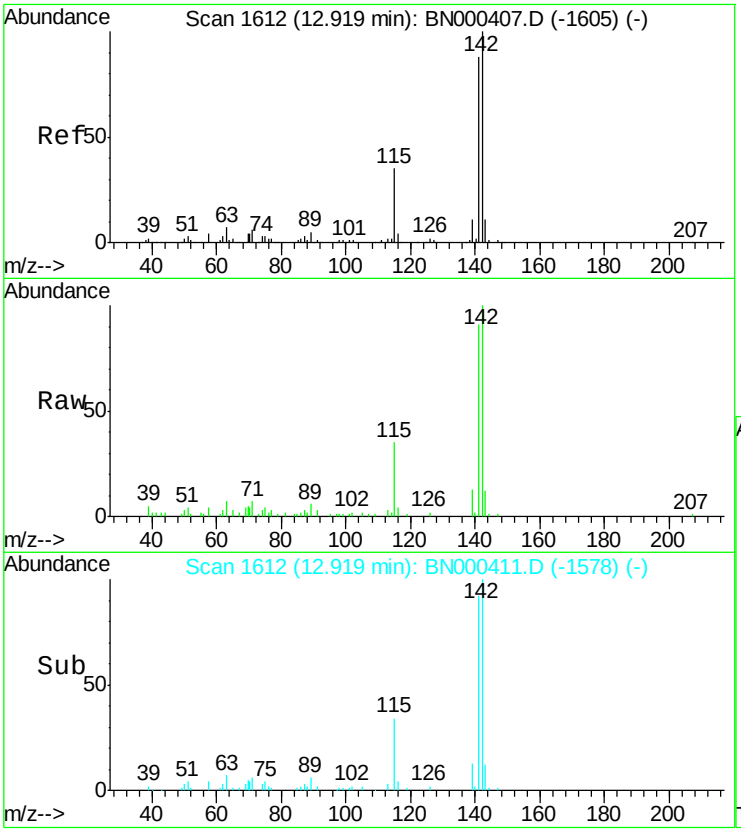
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000411.D
Acq On : 15 Mar 2018 12:31
Operator : JU/SJ
Sample : J1866-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 05:44:00 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



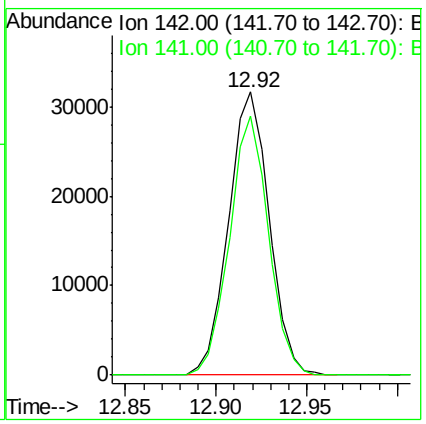


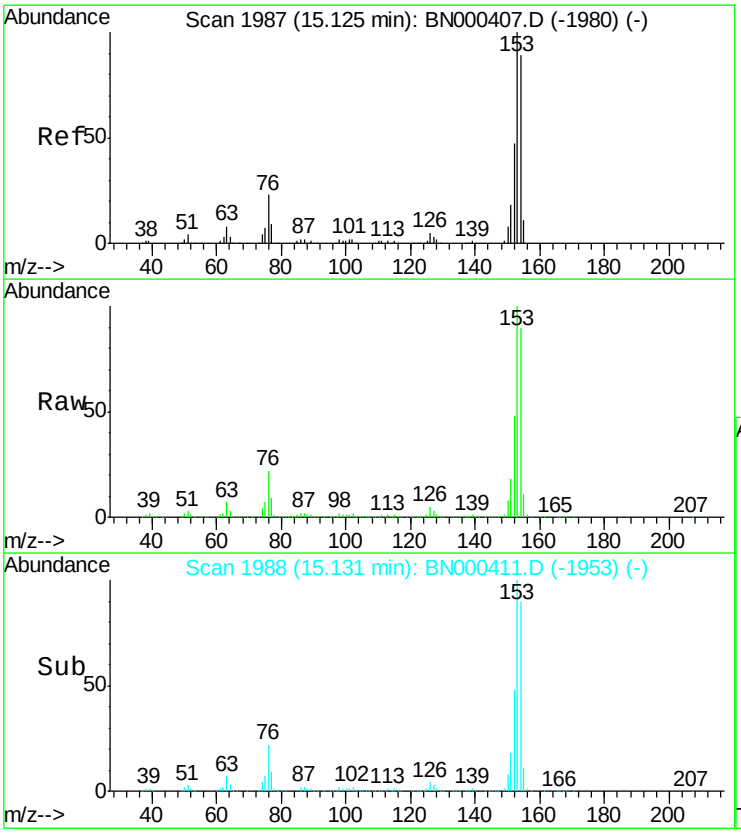
#4
2-Methylnaphthalene
Concen: 1.049 ng/ul
RT: 12.92 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 49205

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.7	109.1

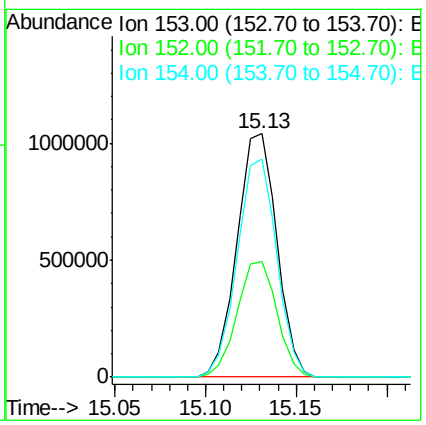


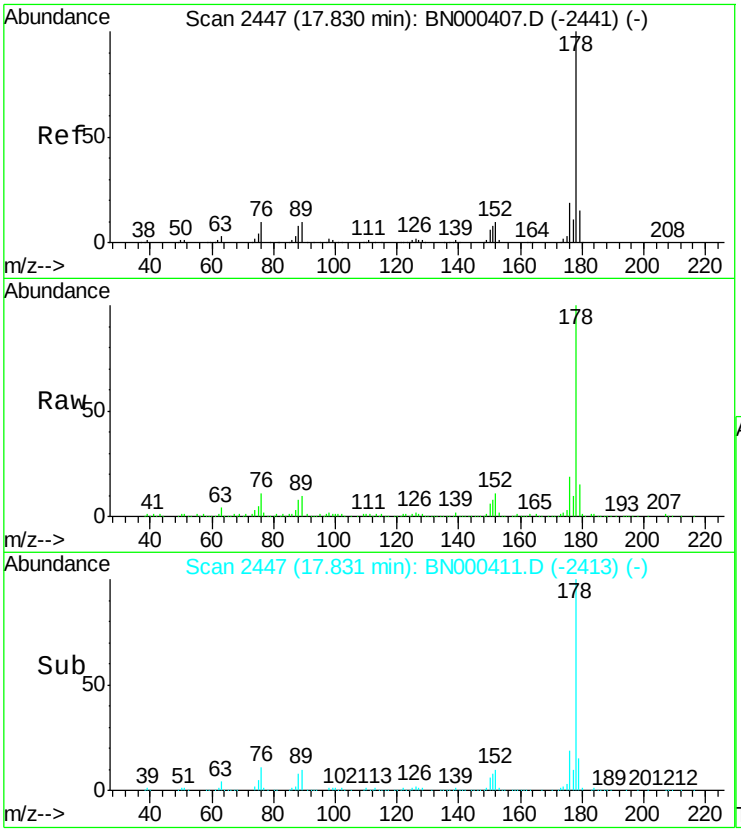


#9
Acenaphthene
Concen: 32.807 ng/ul
RT: 15.13 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Tgt Ion:153 Resp: 1589932

Ion	Ratio	Lower	Upper
153	100		
152	47.7	39.0	58.6
154	89.6	66.8	100.2



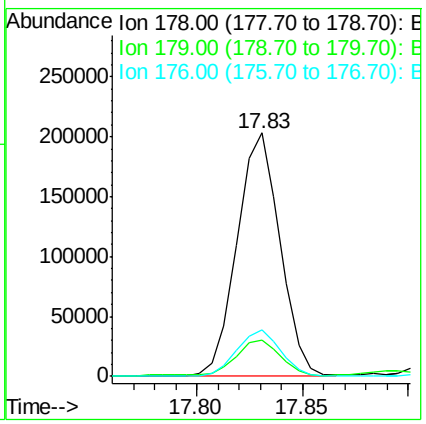


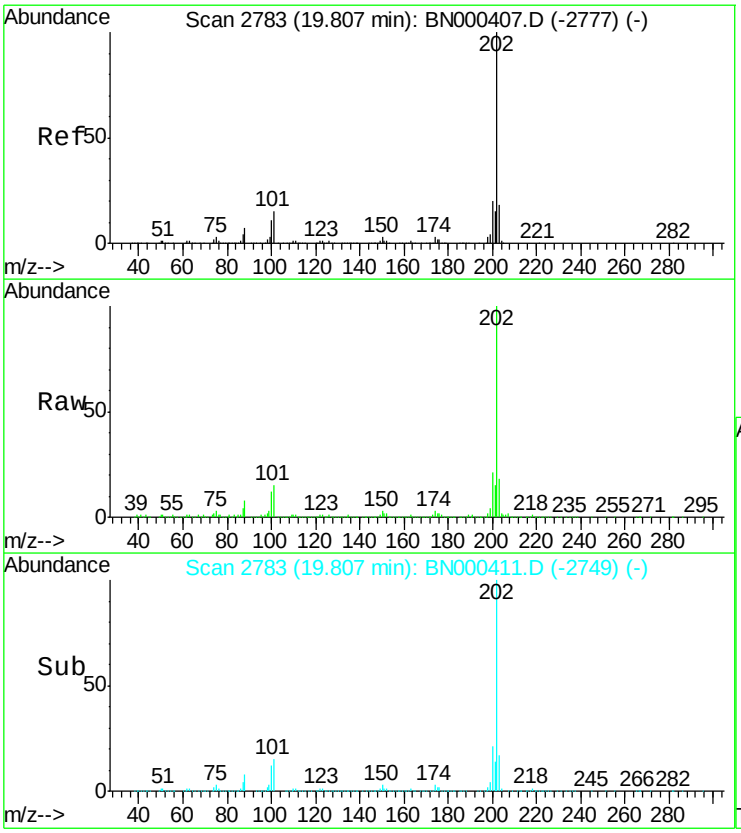
#13
Phenanthrene
Concen: 3.326 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 283136

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.3	15.1	22.7

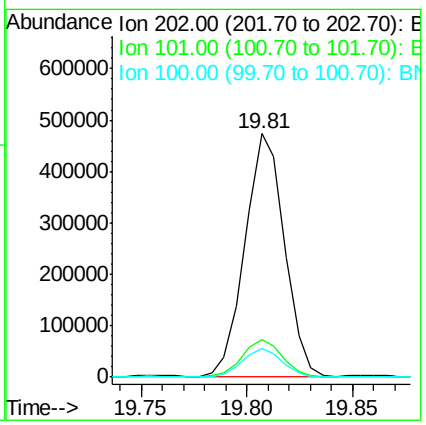


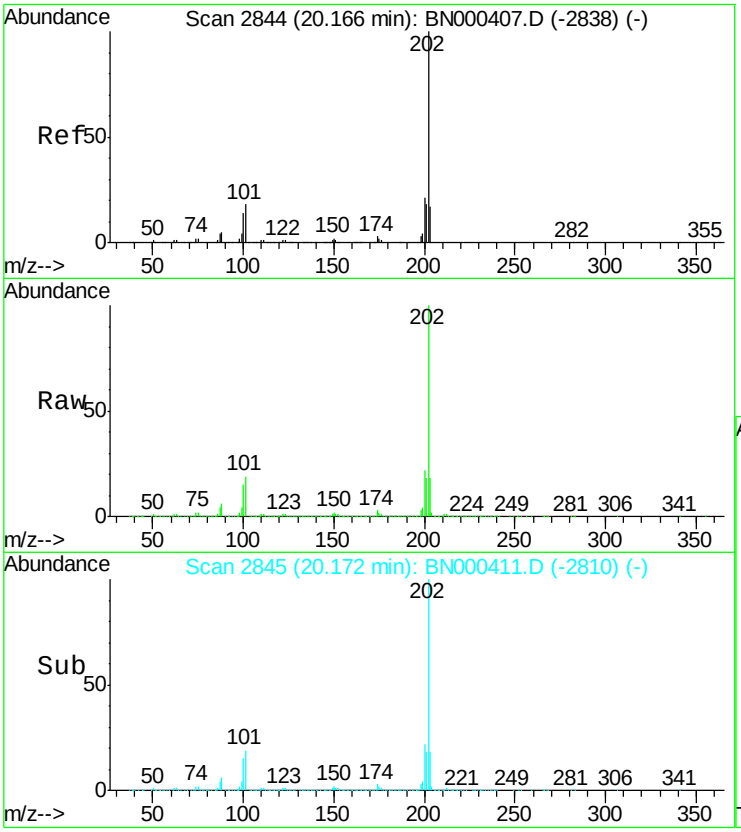


#16
Fluoranthene
Concen: 6.697 ng/ul
RT: 19.81 min Scan# 2783
Delta R.T. 0.00 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Tgt Ion:202 Resp: 615998

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	11.8	7.4	11.0#



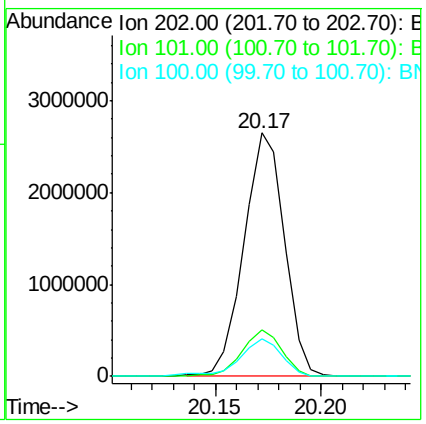


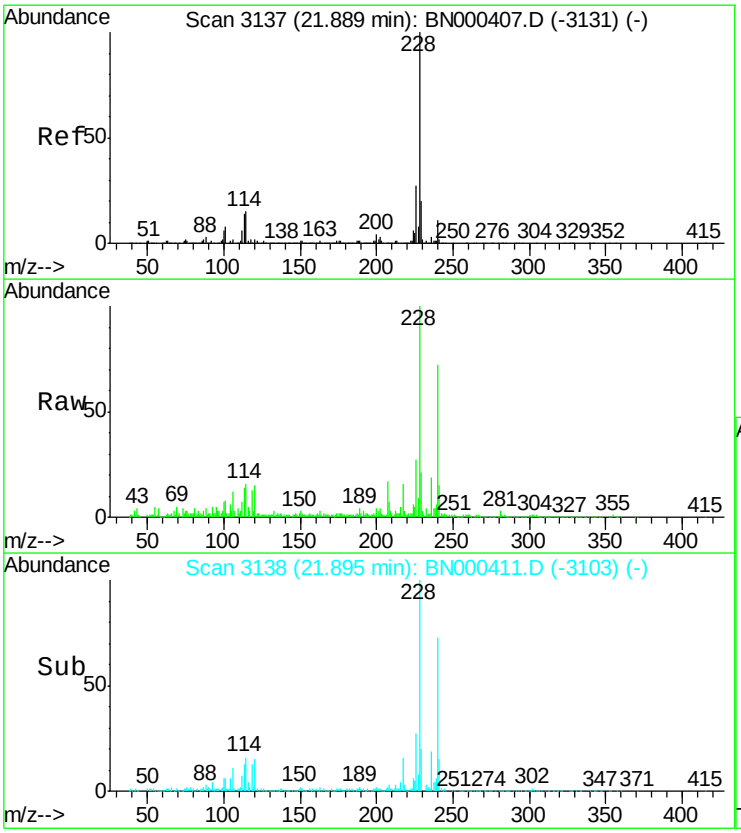
#19
Pyrene
Concen: 45.820 ng/ul
RT: 20.17 min Scan# 2845
Delta R.T. 0.01 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 3518126

Ion	Ratio	Lower	Upper
202	100		
101	19.0	11.0	16.4#
100	15.5	8.1	12.1#

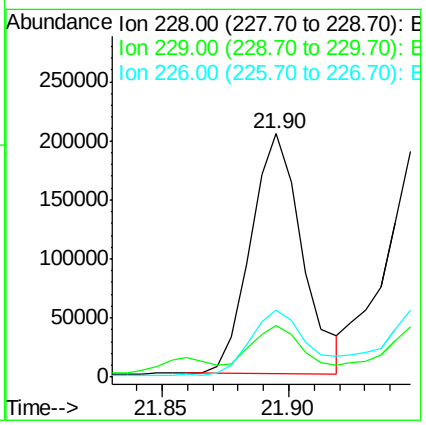


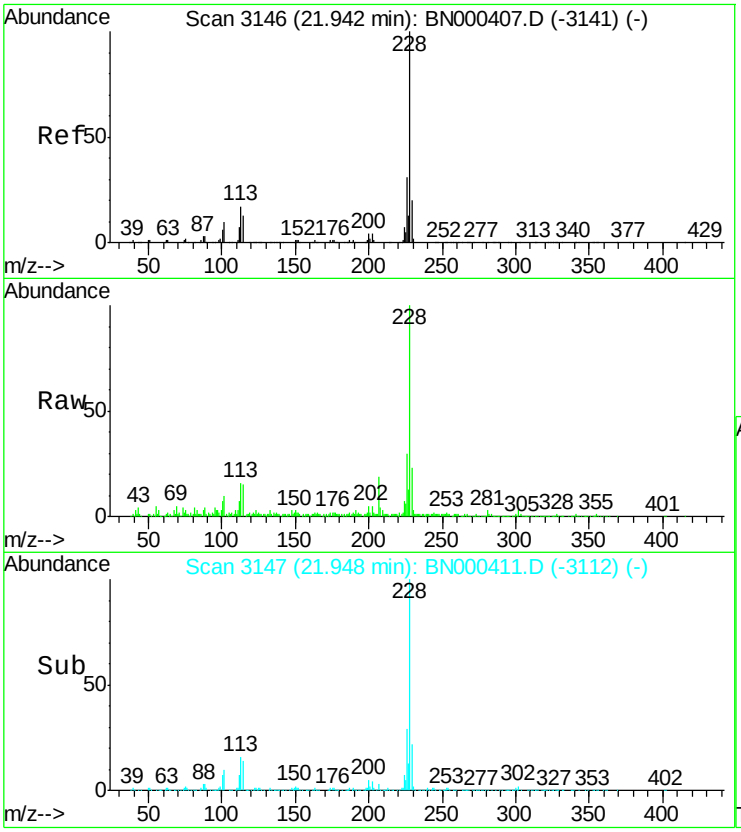


#20
Benzo(a)anthracene
Concen: 3.808 ng/ul
RT: 21.90 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Tgt Ion:228 Resp: 287935

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	27.5	21.1	31.7



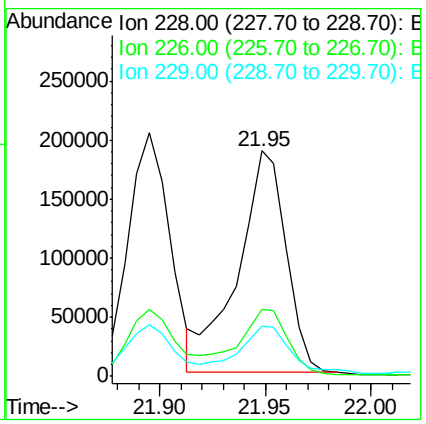


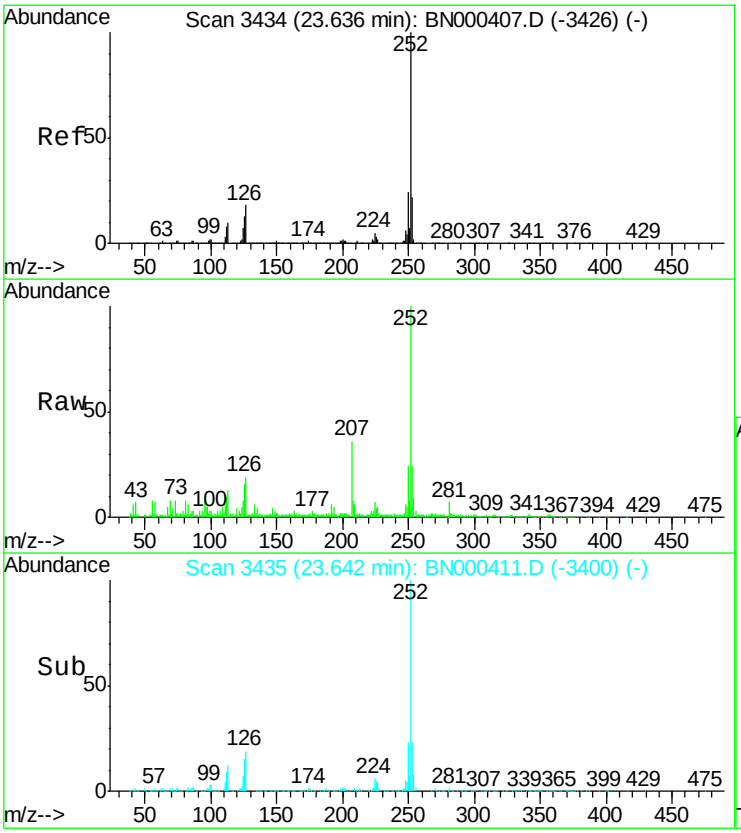
#21
Chrysene
Concen: 4.172 ng/ul
RT: 21.95 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 299311

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	22.6	15.8	23.8

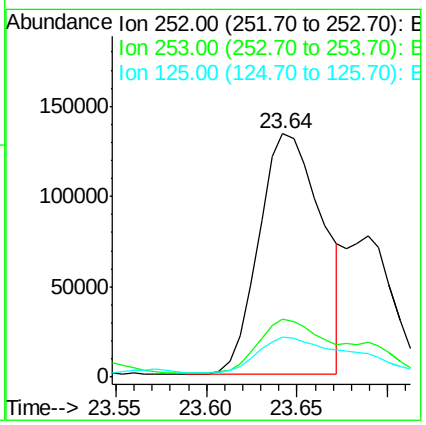


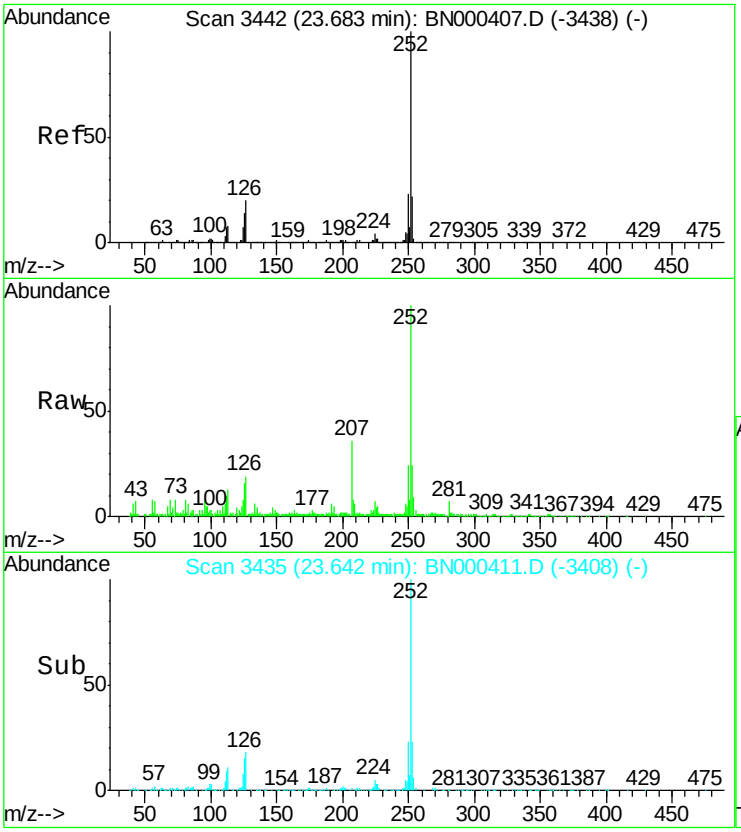


#23
Benzo(b)fluoranthene
Concen: 4.954 ng/ul
RT: 23.64 min Scan# 3435
Delta R.T. 0.01 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Tgt Ion:252 Resp: 323736

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	16.5	8.0	12.0#



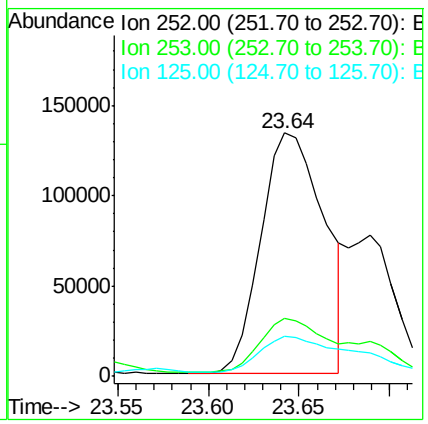


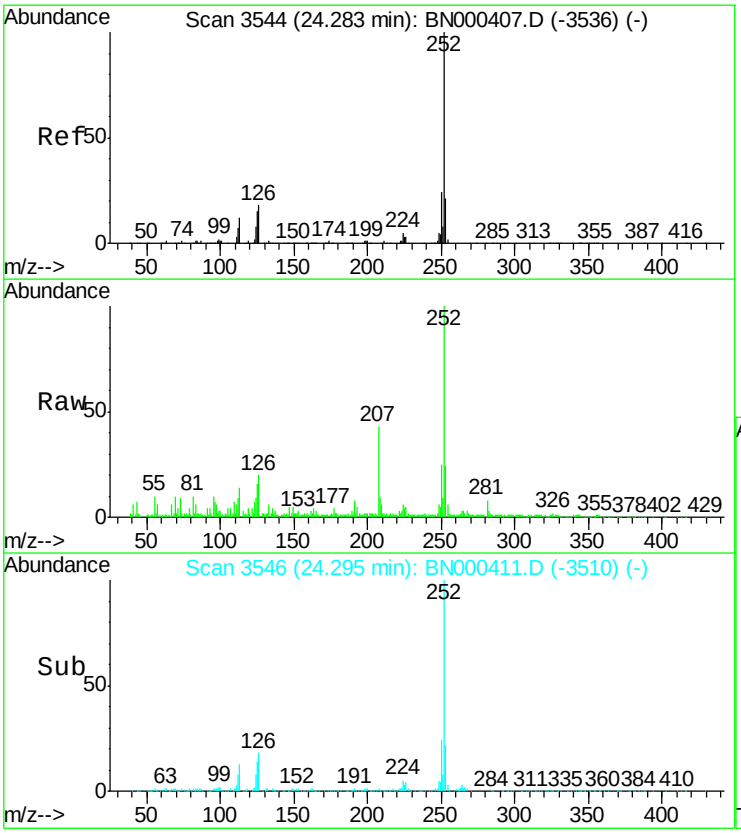
#24
Benzo(k)fluoranthene
Concen: 5.293 ng/ul
RT: 23.64 min Scan# 3435
Delta R.T. -0.04 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 323736

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	16.5	8.1	12.1#

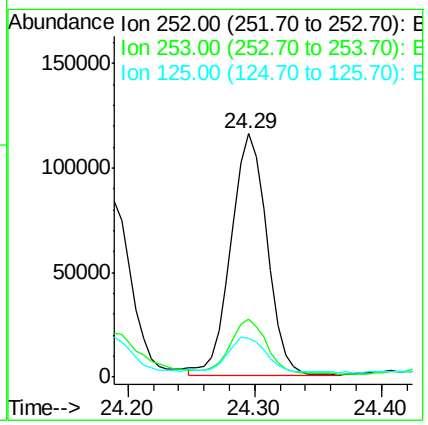


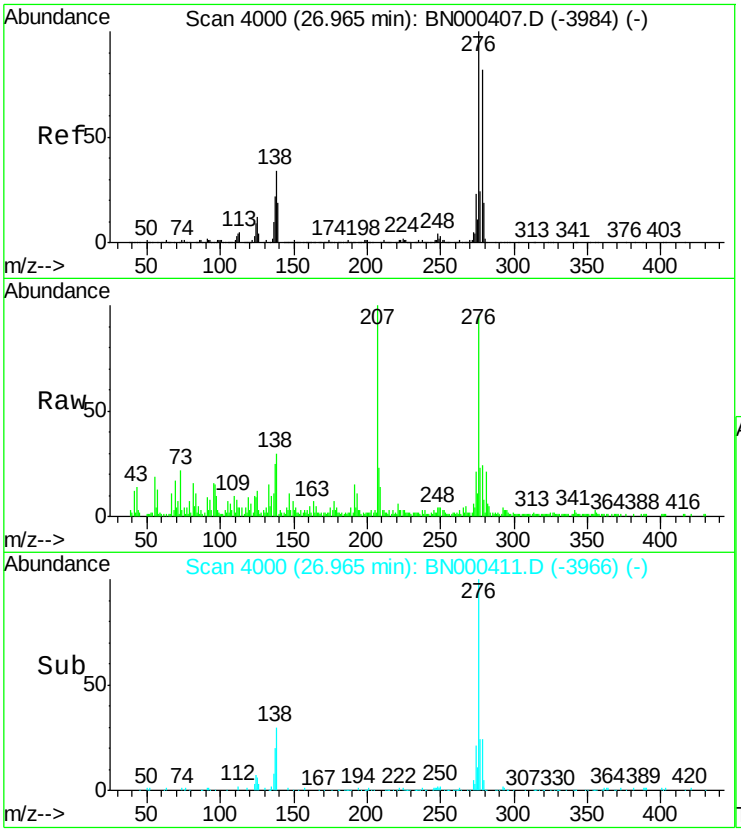


#26
Benzo(a)pyrene
Concen: 3.651 ng/ul
RT: 24.29 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Tgt Ion:252 Resp: 227048

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	16.0	8.2	12.4#



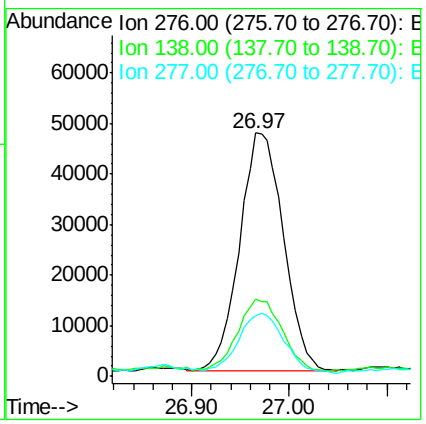


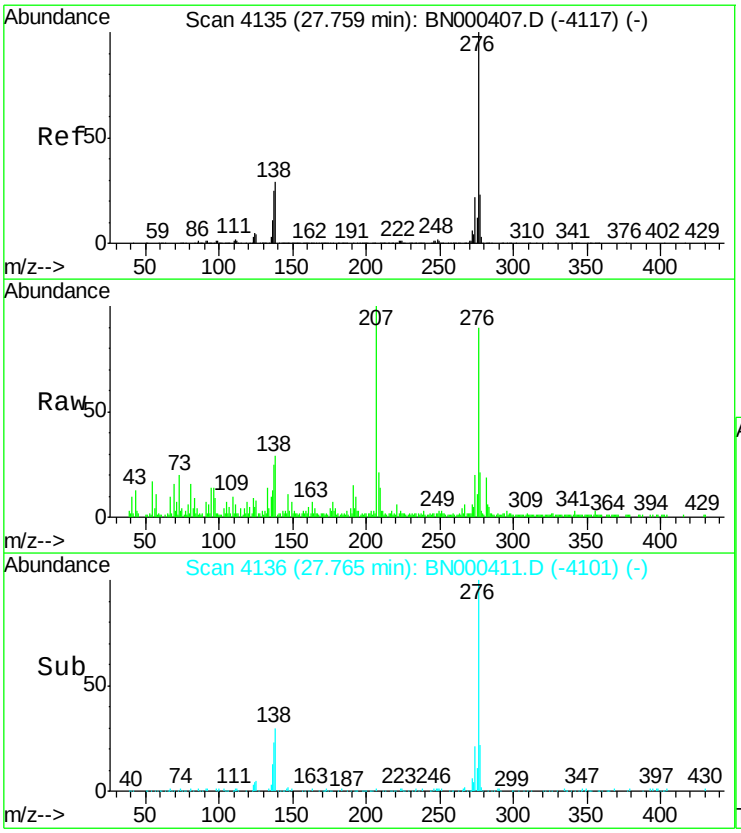
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.201 ng/ul
RT: 26.97 min Scan# 4000
Delta R.T. 0.00 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 147617

Ion	Ratio	Lower	Upper
276	100		
138	31.7	14.4	21.6#
277	24.7	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 2.864 ng/ul
RT: 27.77 min Scan# 4136
Delta R.T. 0.01 min
Lab File: BN000411.D
Acq: 15 Mar 2018 12:31

Tgt Ion:276 Resp: 160347

Ion	Ratio	Lower	Upper
276	100		
138	31.8	15.3	22.9#
277	23.9	19.0	28.4