Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000909.D
Acq On : 26 Apr 2018 01:37
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 26 08:01:21 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	151364	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	629789	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	324294	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	661508	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	635278	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	672179	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	660256	21.20	ng/ul	0.00
10) Fluorene-d10	15.25	176	429566	20.66	ng/ul	0.00
14) Anthracene-d10	17.10	188	635381	21.00	ng/ul	0.00
18) Pyrene-d10	19.40	212	661390	20.32	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	672985	21.19	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	650812	20.504	ng/ul	100
4) 2-Methylnaphthalene	12.05	142	431462	20.374	ng/ul	98
5) 1-Methylnaphthalene	12.27	142	430442	20.723	ng/ul#	92
8) Acenaphthylene	13.97	152	643373	20.871	ng/ul	99
9) Acenaphthene	14.32	153	433879	20.372	ng/ul	95
11) Fluorene	15.30	166	475017	20.951	ng/ul	94
13) Phenanthrene	17.05	178	730236	20.240	ng/ul	99
15) Anthracene	17.13	178	748125	20.673	ng/ul	99
16) Fluoranthene	19.07	202	809699	22.120	ng/ul	95
19) Pyrene	19.43	202	811230	19.881	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	793961	20.907	ng/ul	99
21) Chrysene	21.25	228	730446	20.465	ng/ul	99
23) Benzo(b)fluoranthene	22.74	252	812109	21.259	ng/ul#	97
24) Benzo(k)fluoranthene	22.79	252	773881	20.703	ng/ul#	97
26) Benzo(a)pyrene	23.30	252	749905	20.541	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.57	276	909685	20.630	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.59	278	754960	20.543	ng/ul#	97
29) Benzo(g,h,i)perylene	26.23	276	759905	20.605	ng/ul#	93

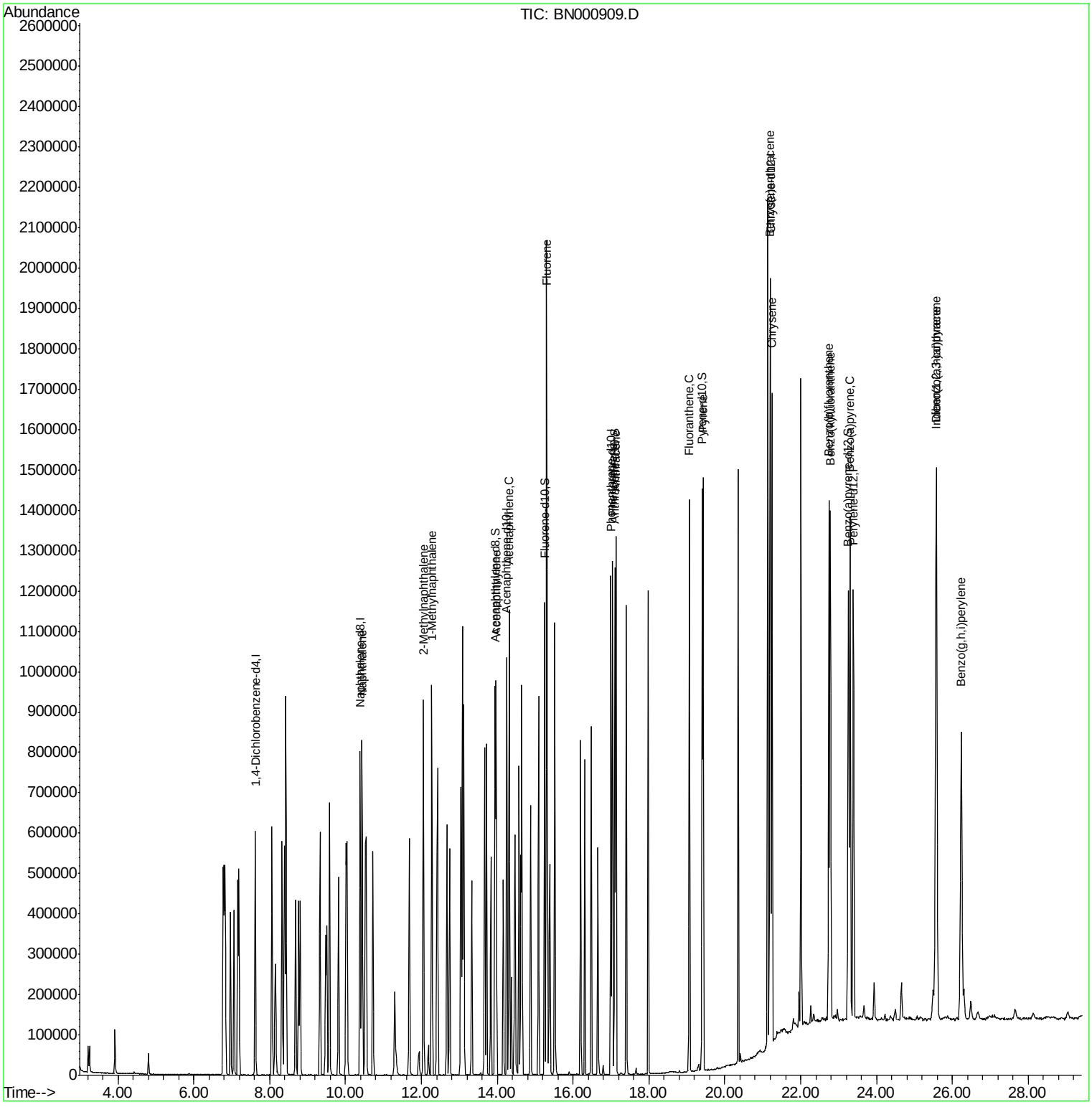
(#) = qualifier out of range (m) = manual integration (+) = signals summed

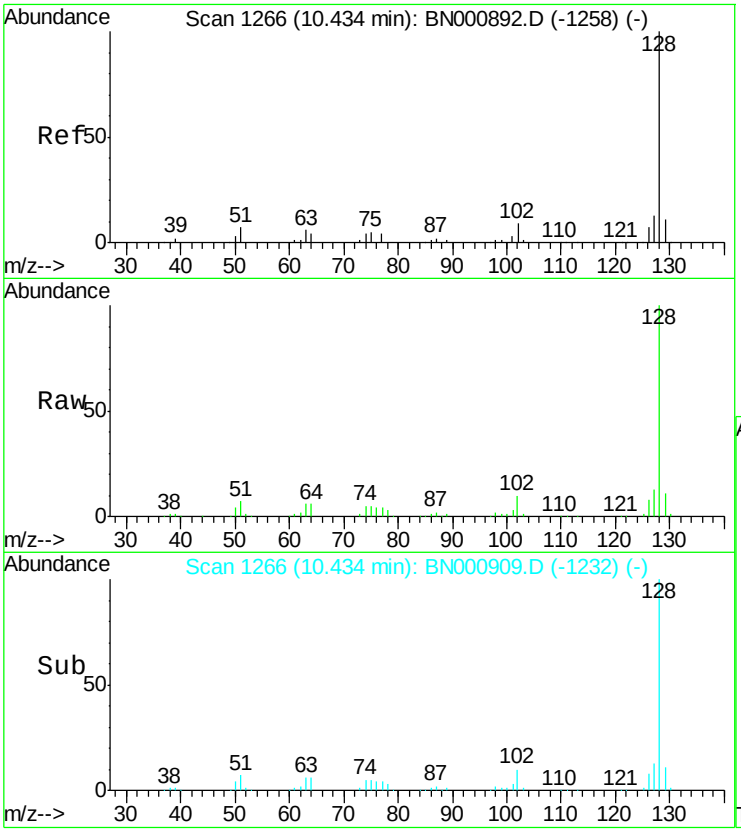
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000909.D
Acq On : 26 Apr 2018 01:37
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 26 08:01:21 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



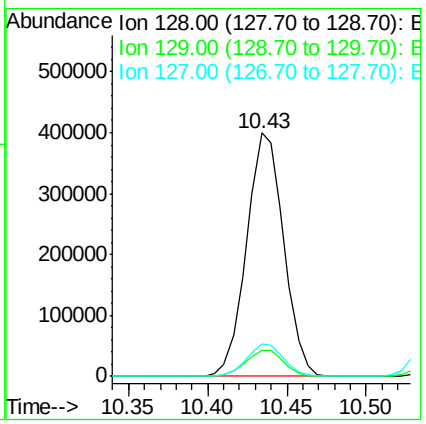


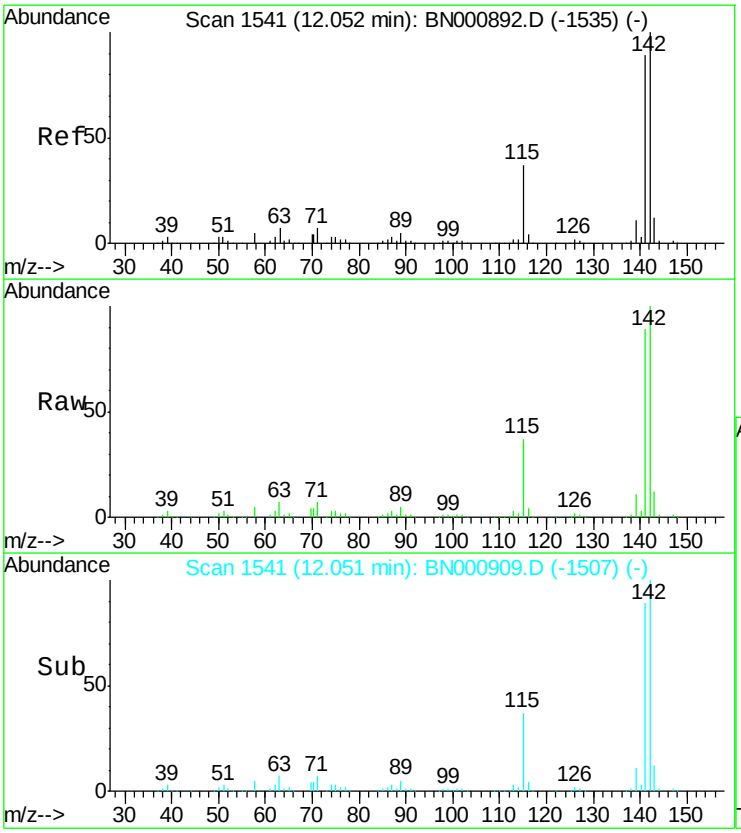
#3
Naphthalene
Concen: 20.504 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 650812

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.3	10.6	16.0

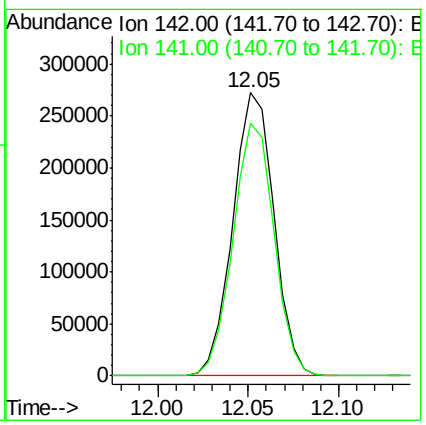


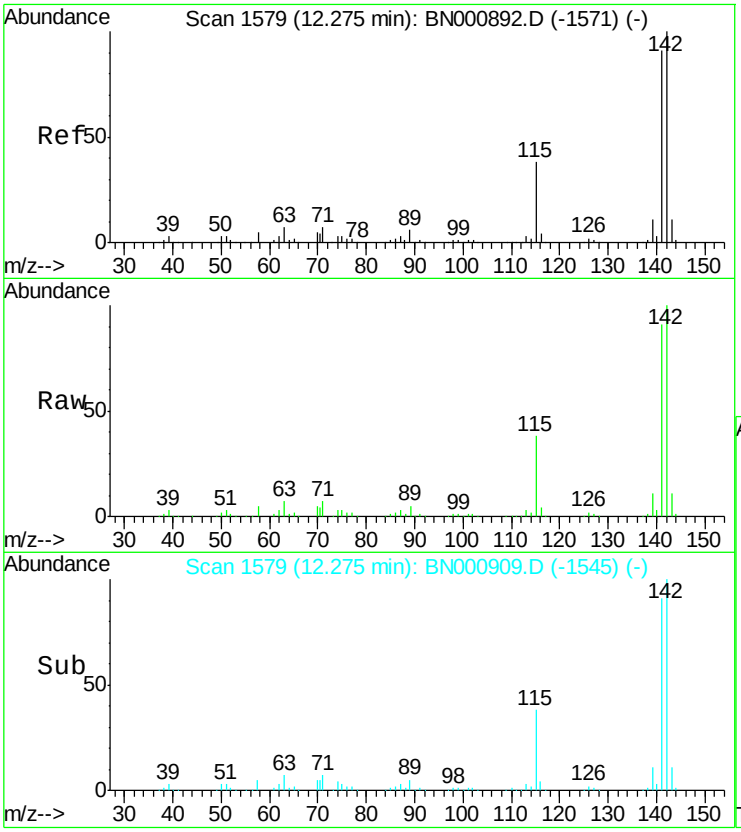


#4
2-Methylnaphthalene
Concen: 20.374 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Tgt Ion:142 Resp: 431462

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.7	109.1



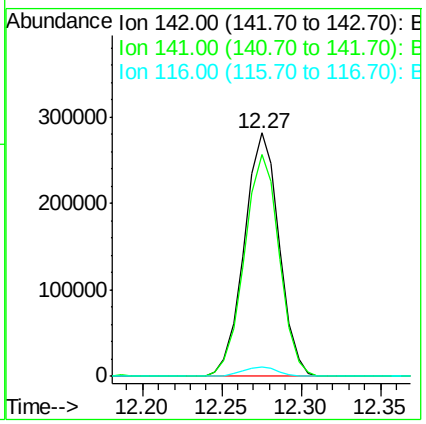


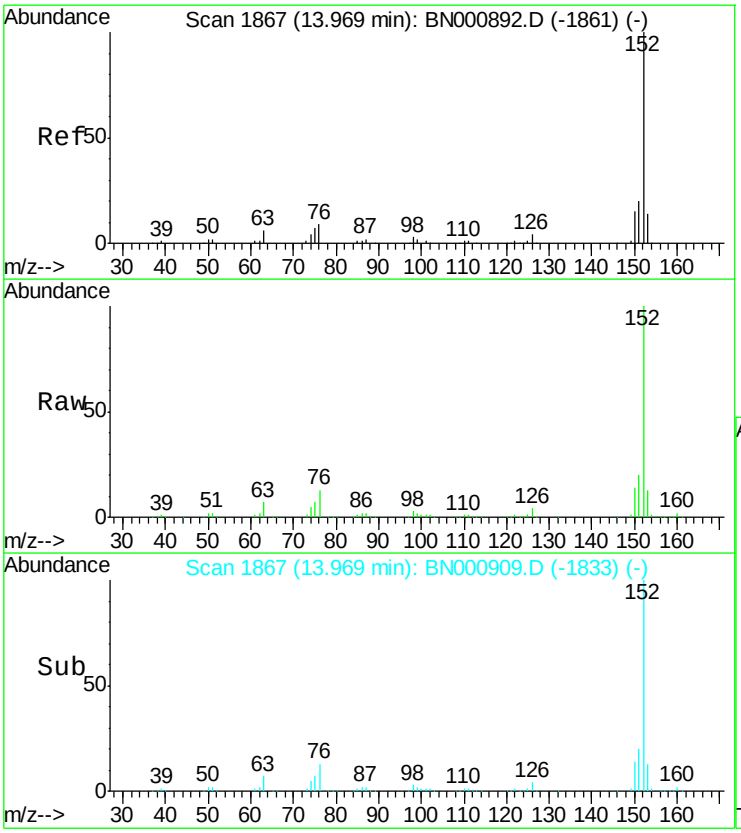
#5
1-Methylnaphthalene
Concen: 20.723 ng/ul
RT: 12.27 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 430442

Ion	Ratio	Lower	Upper
142	100		
141	91.0	79.3	118.9
116	3.9	4.2	6.2#

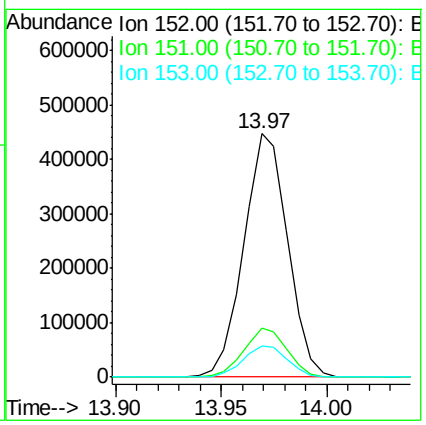


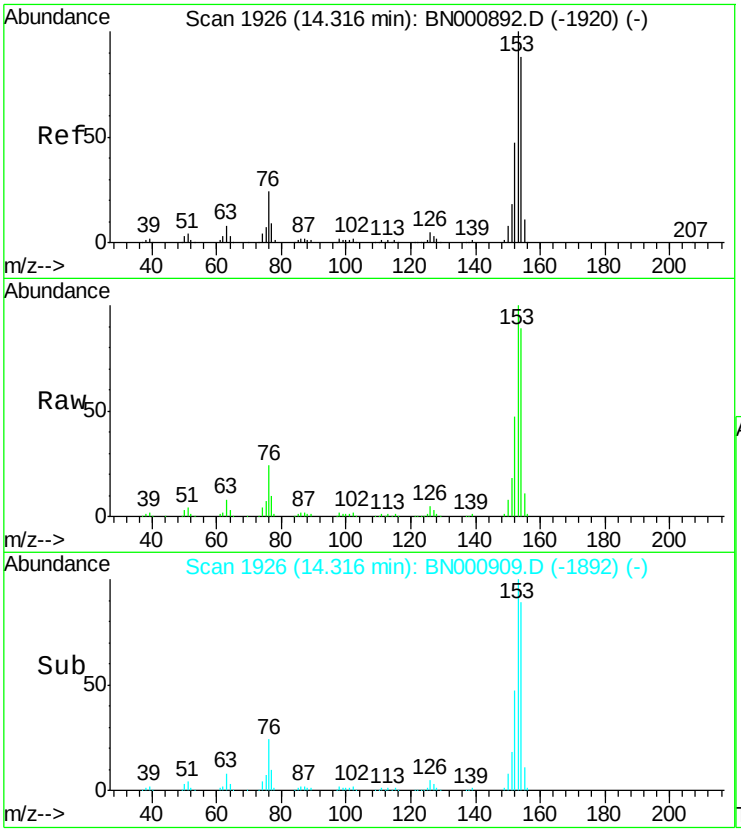


#8
Acenaphthylene
Concen: 20.871 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Tgt Ion:152 Resp: 643373

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.7	25.1
153	12.9	10.2	15.4



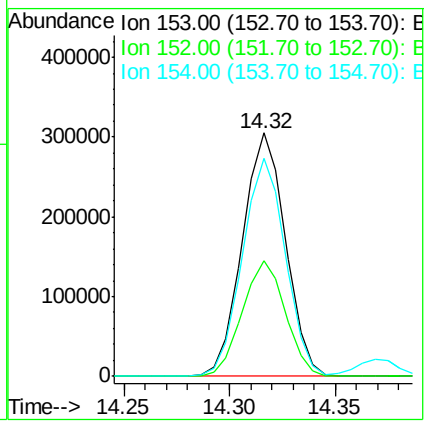


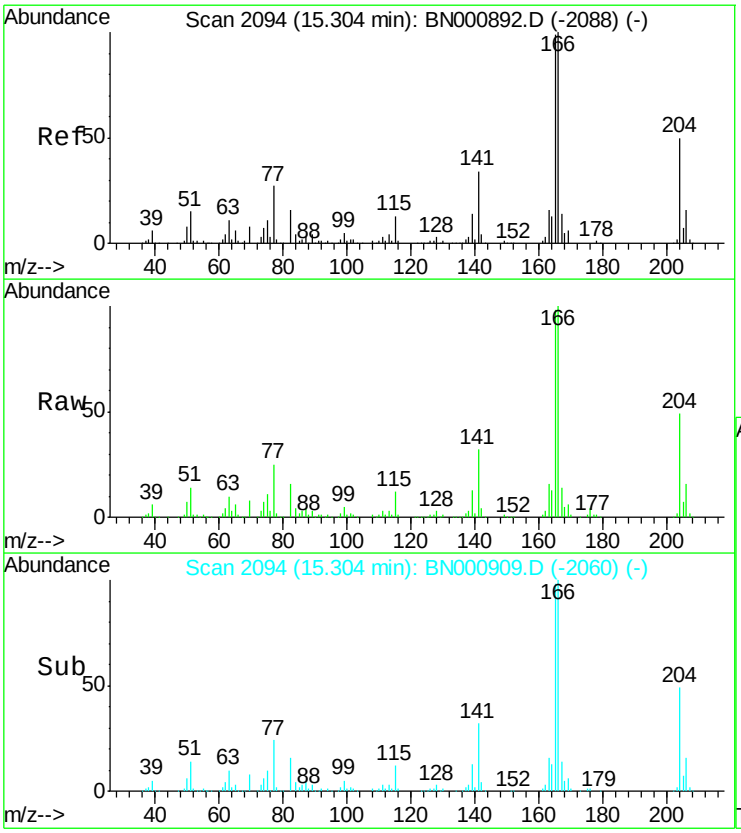
#9
Acenaphthene
Concen: 20.372 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 433879

Ion	Ratio	Lower	Upper
153	100		
152	47.5	39.0	58.6
154	89.3	66.8	100.2

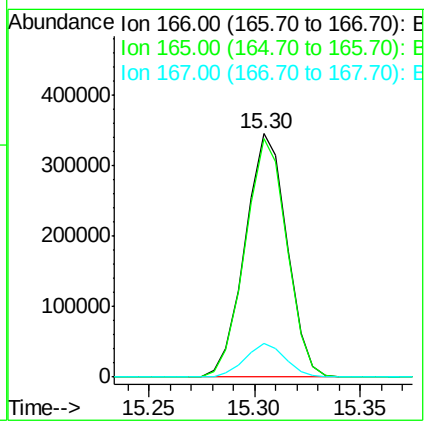


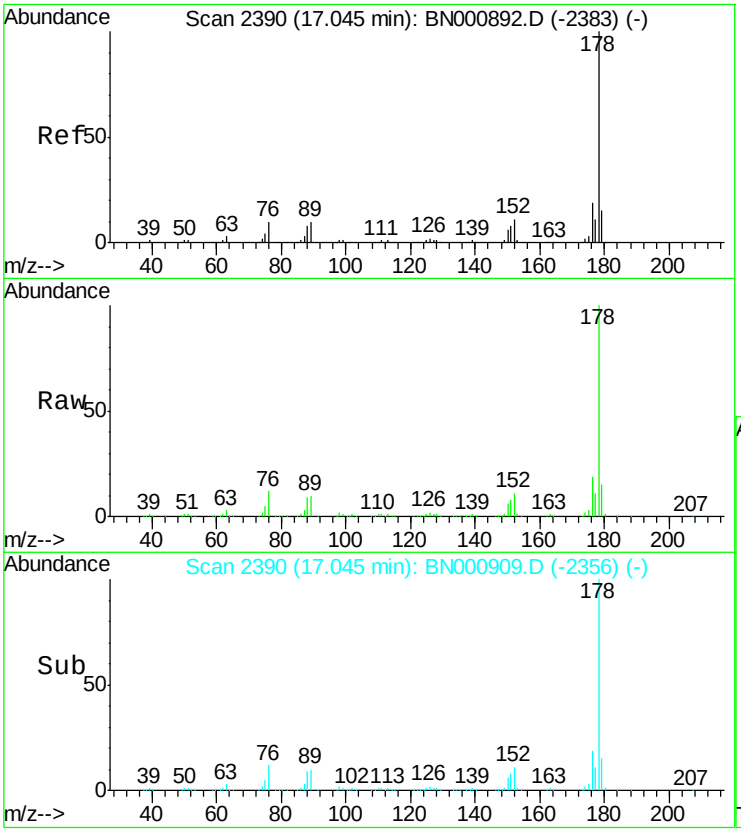


#11
Fluorene
Concen: 20.951 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Tgt Ion:166 Resp: 475017

Ion	Ratio	Lower	Upper
166	100		
165	97.7	83.8	125.8
167	13.6	11.5	17.3



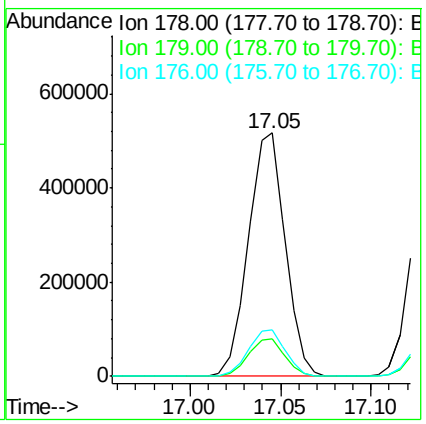


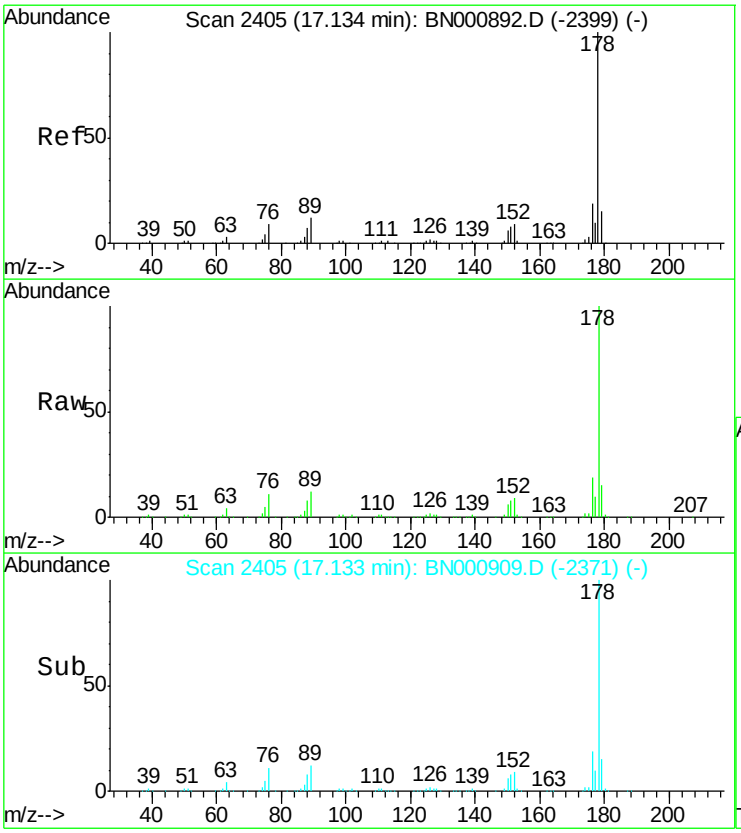
#13
Phenanthrene
Concen: 20.240 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 730236

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.3	15.1	22.7

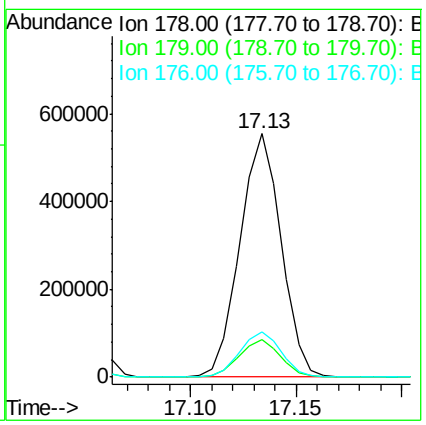


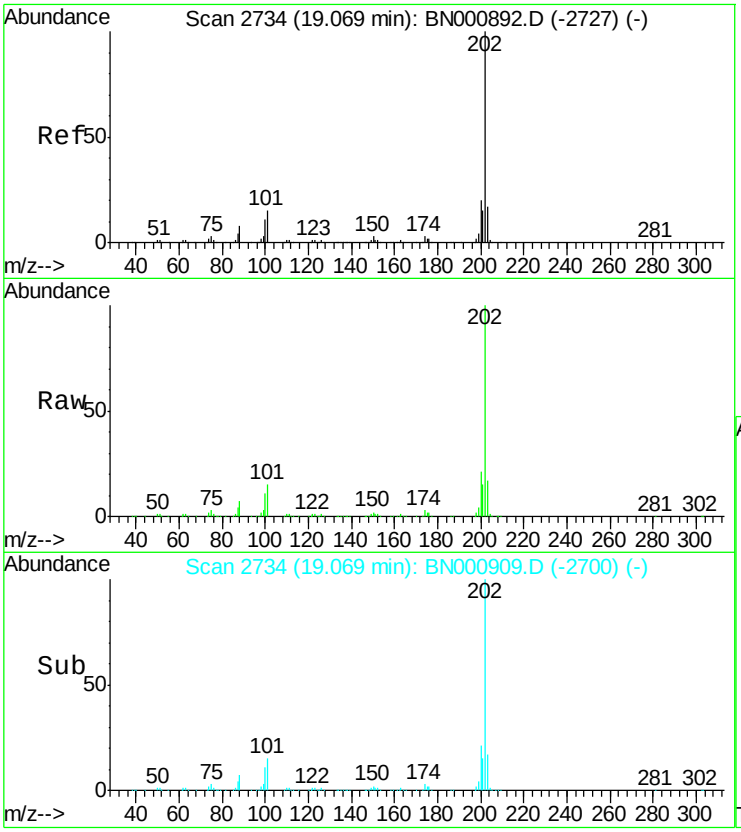


#15
Anthracene
Concen: 20.673 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Tgt Ion:178 Resp: 748125

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.5	15.2	22.8



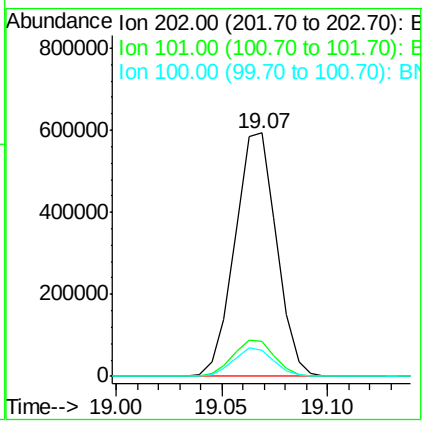


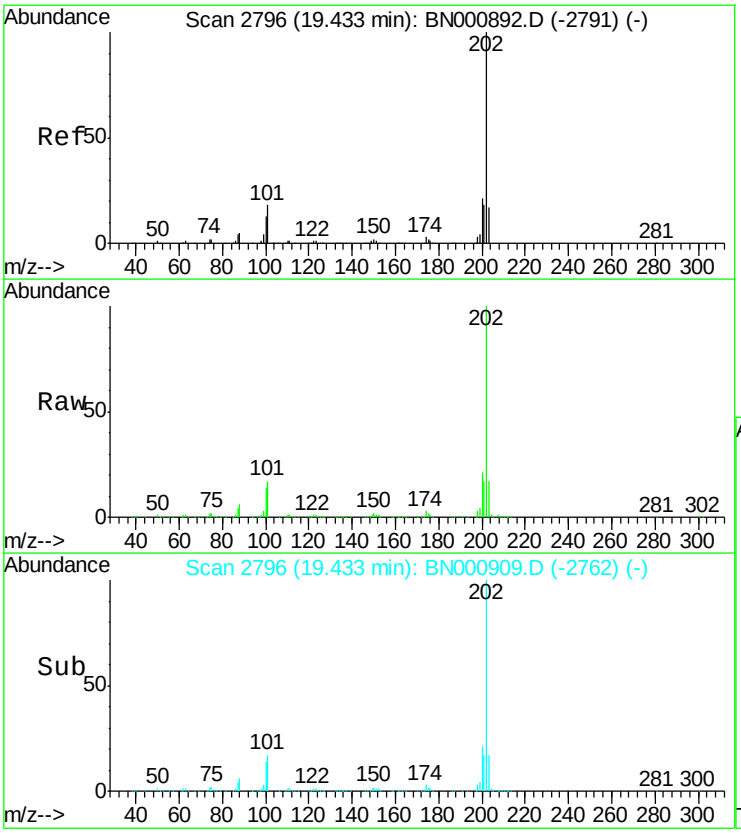
#16
Fluoranthene
Concen: 22.120 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 809699

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.9	14.9
100	10.9	7.4	11.0

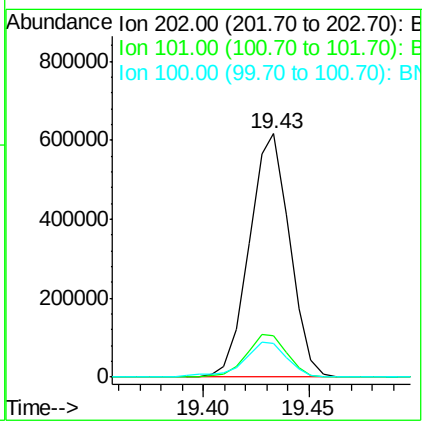


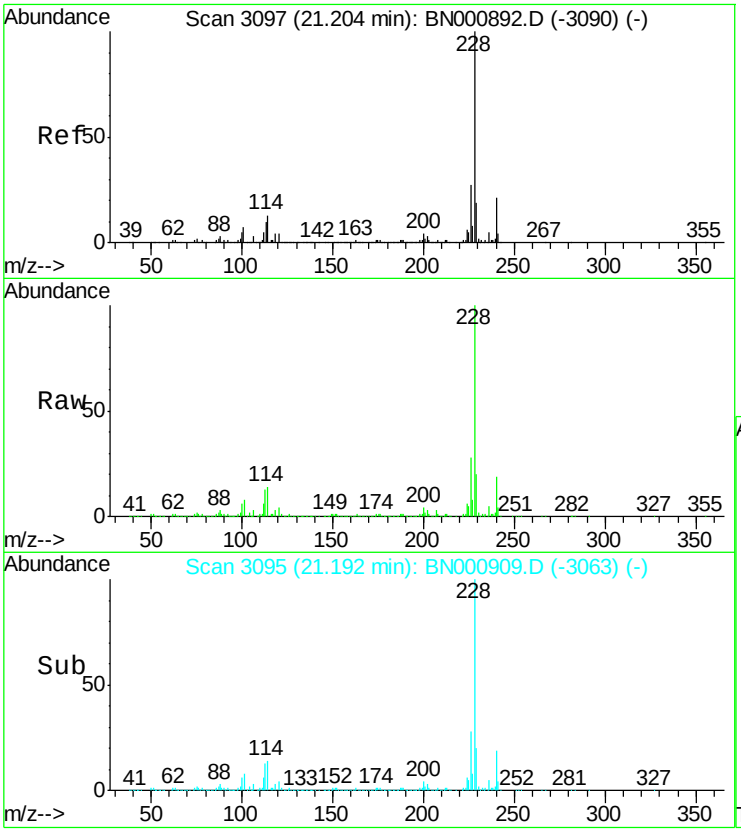


#19
Pyrene
Concen: 19.881 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Tgt Ion:202 Resp: 811230

Ion	Ratio	Lower	Upper
202	100		
101	17.1	11.0	16.4#
100	13.8	8.1	12.1#



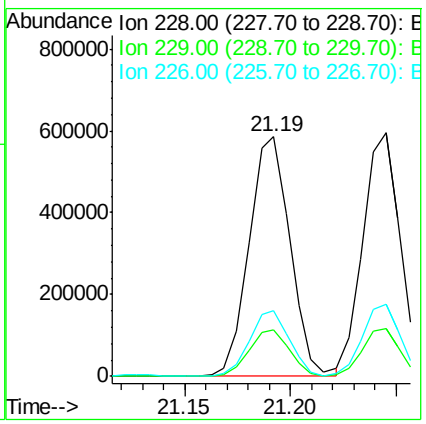


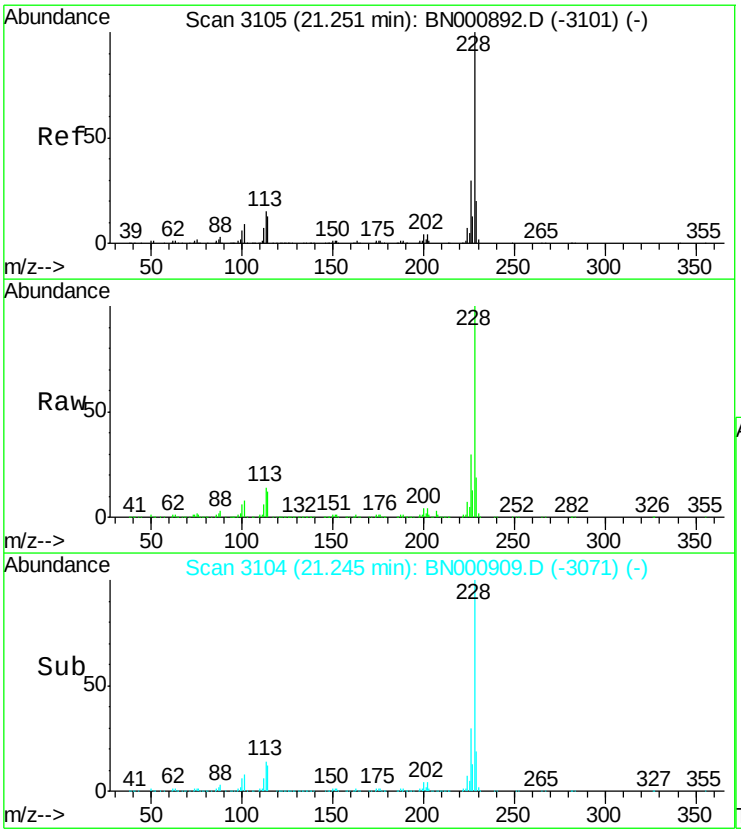
#20
Benzo(a)anthracene
Concen: 20.907 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 793961

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.7	23.5
226	27.5	21.1	31.7

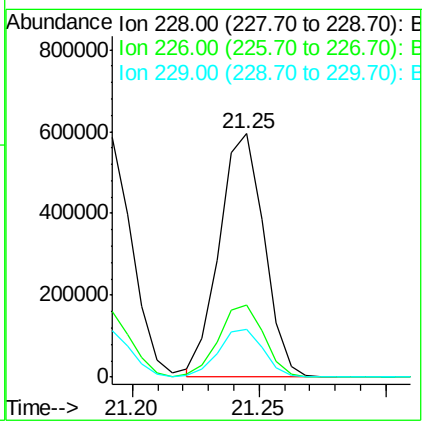


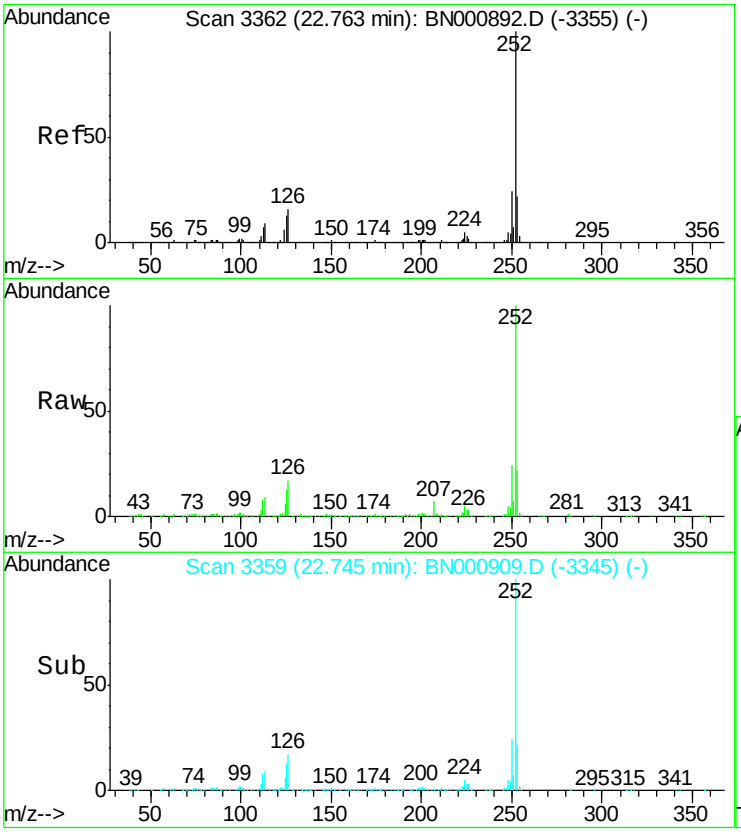


#21
Chrysene
Concen: 20.465 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Tgt Ion:228 Resp: 730446

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.5	36.7
229	19.4	15.8	23.8



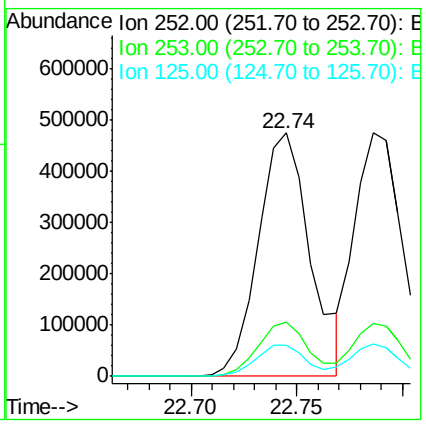


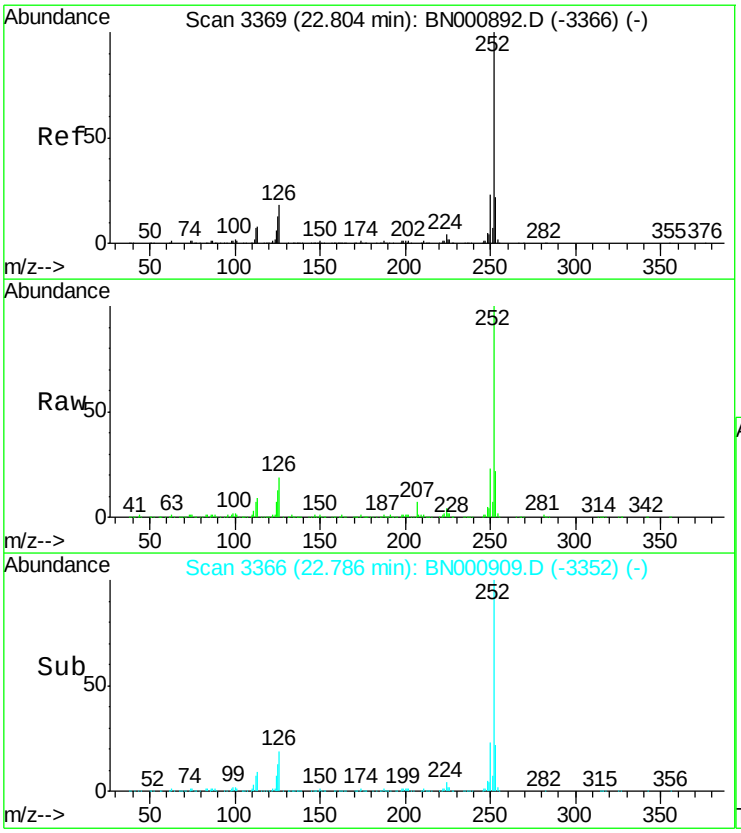
#23
Benzo(b)fluoranthene
Concen: 21.259 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 812109

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	13.0	8.0	12.0#

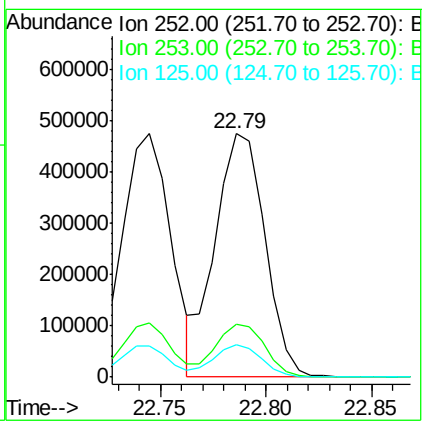


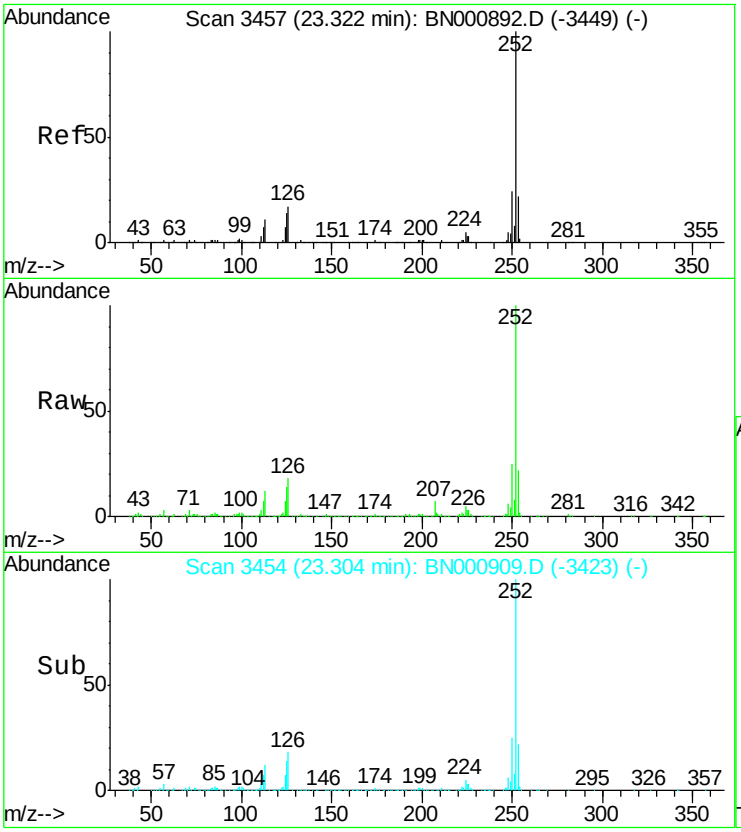


#24
Benzo(k)fluoranthene
Concen: 20.703 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. -0.02 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Tgt Ion:252 Resp: 773881

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	13.1	8.1	12.1#



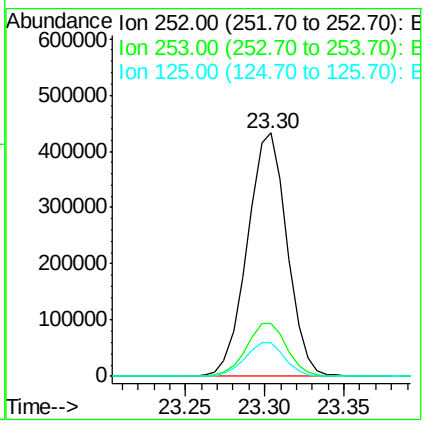


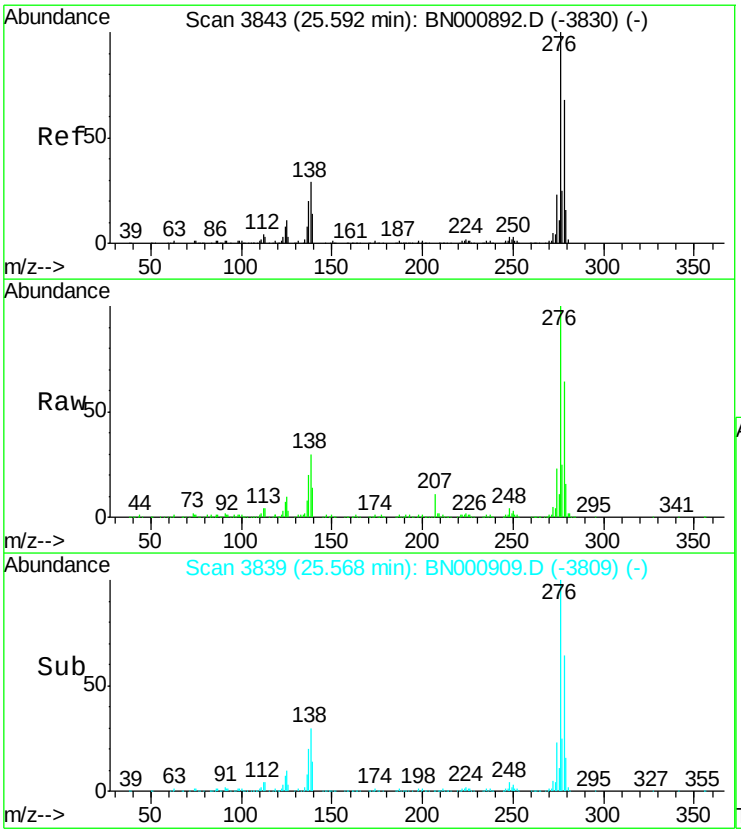
#26
Benzo(a)pyrene
Concen: 20.541 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.02 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 749905

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	13.9	8.2	12.4#

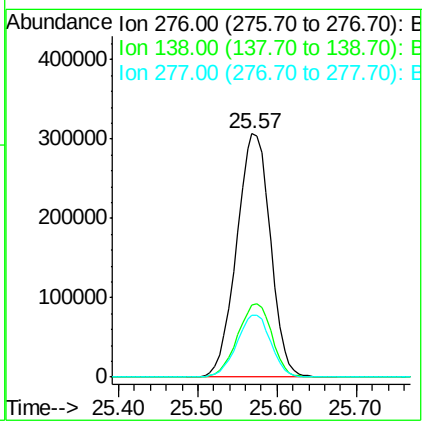


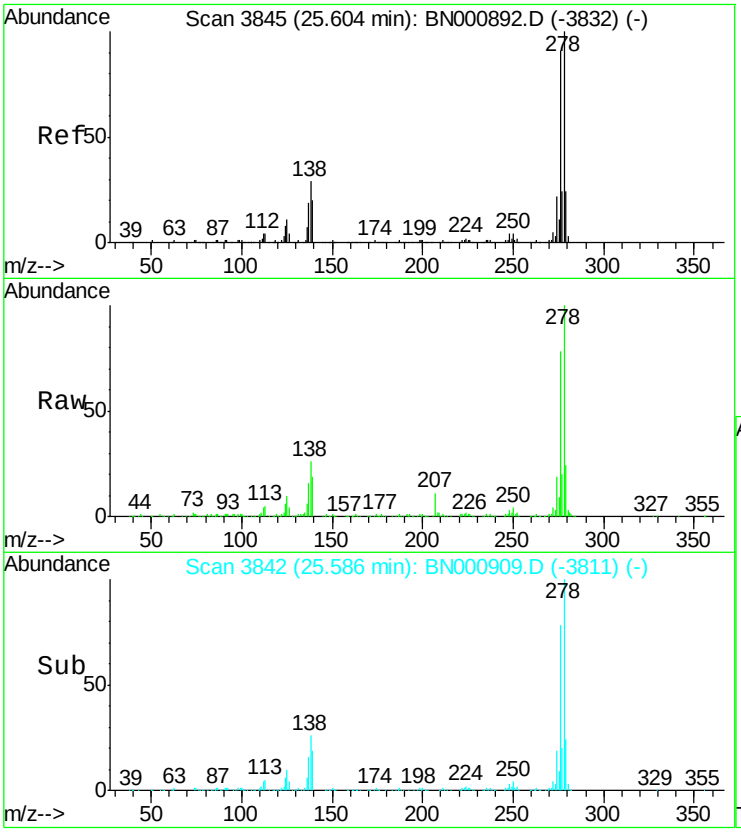


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.630 ng/ul
RT: 25.57 min Scan# 3839
Delta R.T. -0.02 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Tgt Ion:276 Resp: 909685

Ion	Ratio	Lower	Upper
276	100		
138	29.7	14.4	21.6#
277	25.3	18.0	27.0



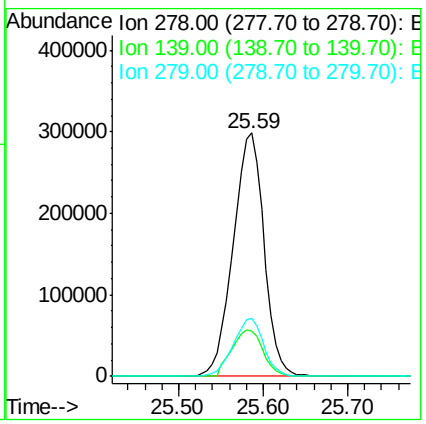


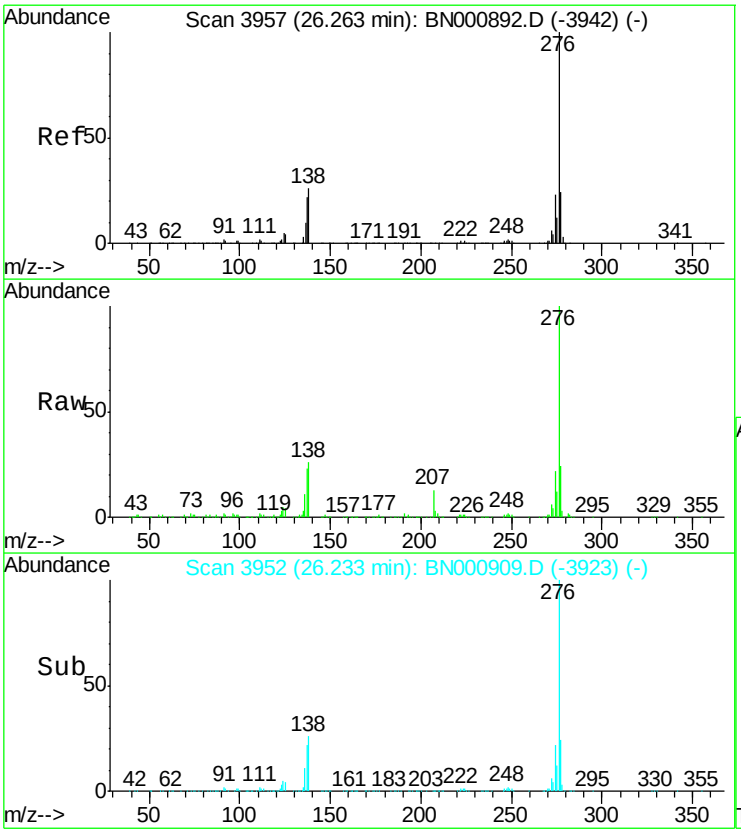
#28
Dibenzo(a,h)anthracene
Concen: 20.543 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 754960

Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.2	18.4#
279	23.8	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 20.605 ng/ul
RT: 26.23 min Scan# 3952
Delta R.T. -0.03 min
Lab File: BN000909.D
Acq: 26 Apr 2018 01:37

Tgt Ion:276 Resp: 759905

Ion	Ratio	Lower	Upper
276	100		
138	26.2	15.3	22.9#
277	23.8	19.0	28.4