Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
Data File : BN000936.D
Acq On : 26 Apr 2018 17:28
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 27 07:53:21 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 07:47:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	146931	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	597832	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	299733	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	609532	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	589898	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	625929	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	614427	21.34	ng/ul	0.00
10) Fluorene-d10	15.26	176	395968	20.61	ng/ul	0.00
14) Anthracene-d10	17.10	188	583174	20.92	ng/ul	0.00
18) Pyrene-d10	19.41	212	613734	20.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	622962	21.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.45	128	615403	20.425	ng/ul	100
4) 2-Methylnaphthalene	12.06	142	403257	20.060	ng/ul	98
5) 1-Methylnaphthalene	12.28	142	396230	20.095	ng/ul#	93
8) Acenaphthylene	13.98	152	595335	20.896	ng/ul	99
9) Acenaphthene	14.32	153	403040	20.474	ng/ul	96
11) Fluorene	15.32	166	436266	20.819	ng/ul	92
13) Phenanthrene	17.05	178	668170	20.099	ng/ul	100
15) Anthracene	17.14	178	686922	20.600	ng/ul	98
16) Fluoranthene	19.07	202	754109	22.358	ng/ul#	94
19) Pyrene	19.44	202	749073	19.770	ng/ul#	88
20) Benzo(a)anthracene	21.20	228	739477	20.971	ng/ul	99
21) Chrysene	21.26	228	682538	20.594	ng/ul	99
23) Benzo(b)fluoranthene	22.76	252	770780	21.668	ng/ul#	98
24) Benzo(k)fluoranthene	22.80	252	656147	18.851	ng/ul	98
26) Benzo(a)pyrene	23.32	252	705581	20.755	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.60	276	855311	20.830	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.62	278	710445	20.760	ng/ul#	95
29) Benzo(g,h,i)perylene	26.27	276	718551	20.923	ng/ul#	95

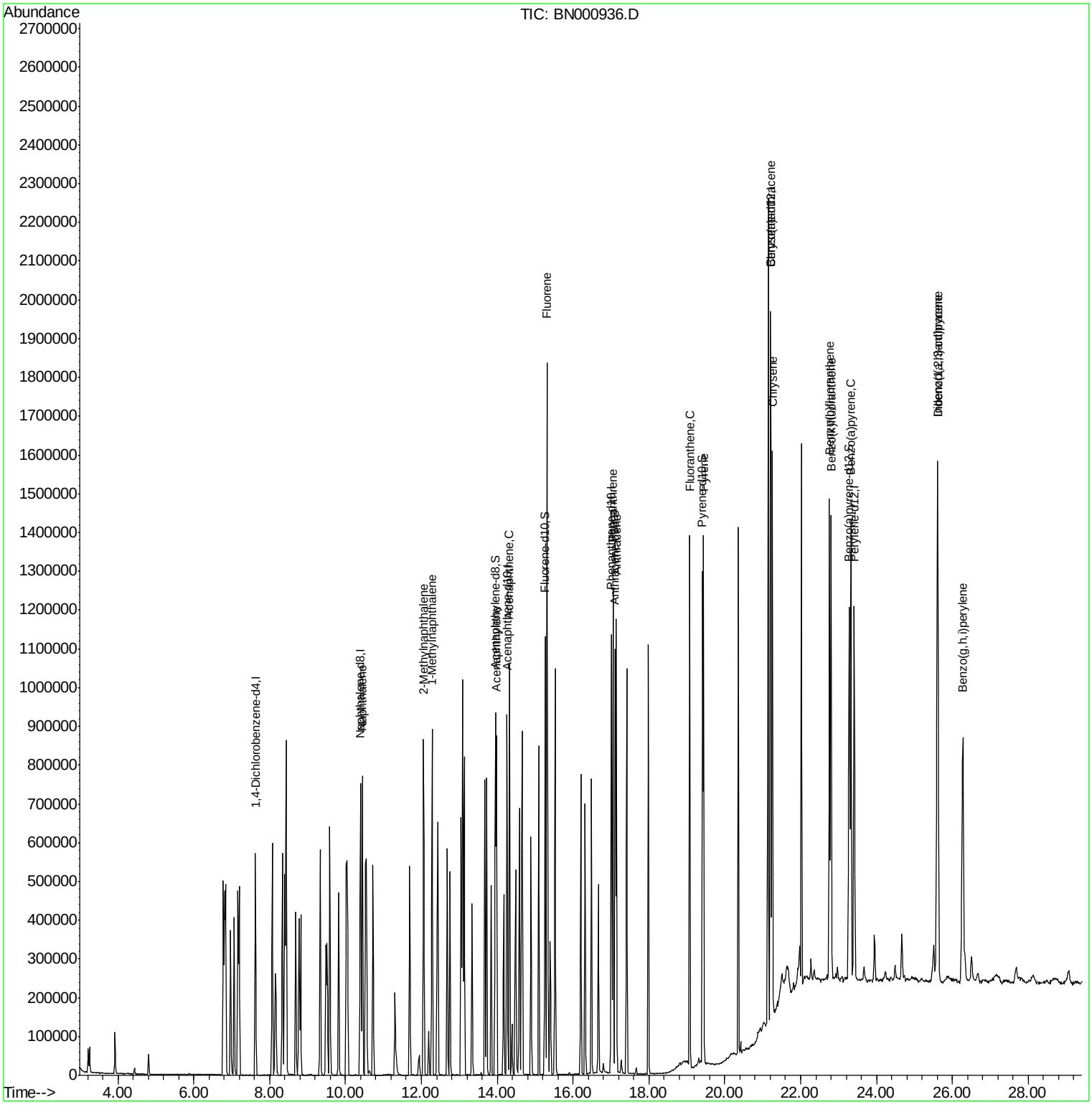
(#) = qualifier out of range (m) = manual integration (+) = signals summed

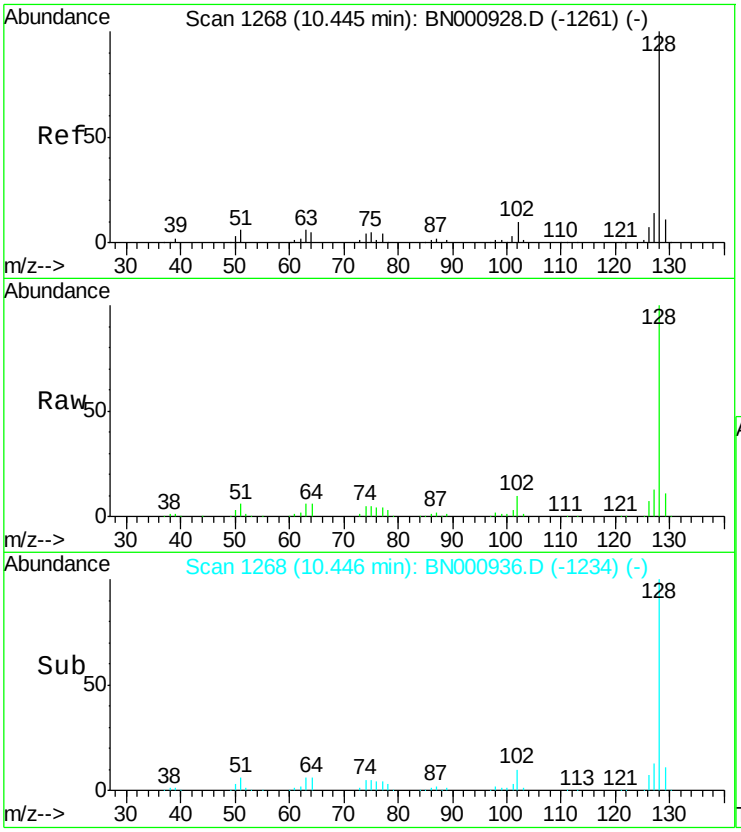
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
Data File : BN000936.D
Acq On : 26 Apr 2018 17:28
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 27 07:53:21 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 07:47:48 2018
Response via : Initial Calibration



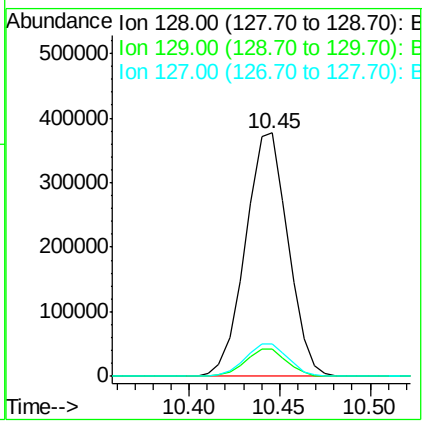


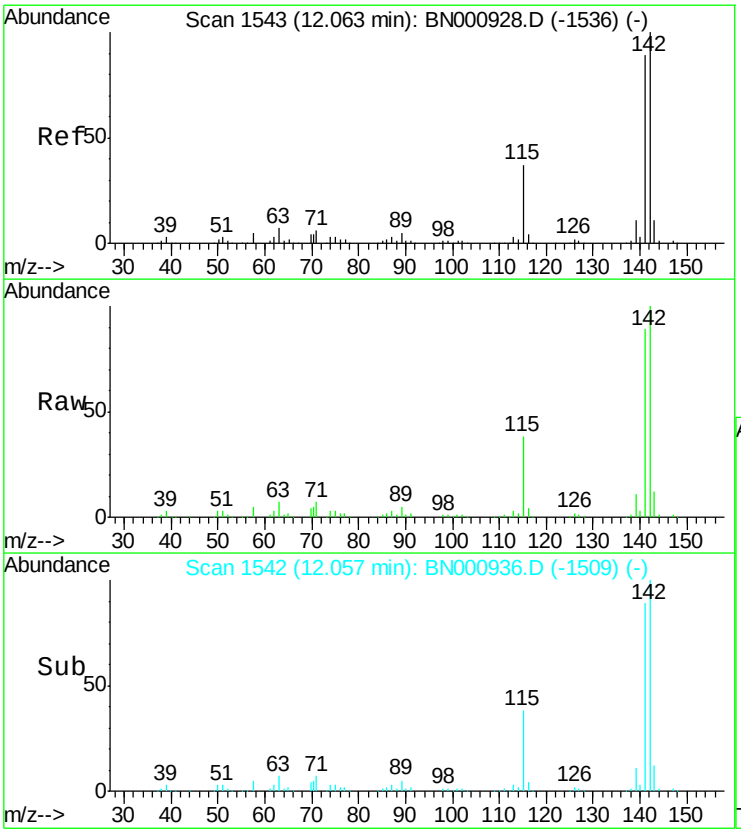
#3
Naphthalene
Concen: 20.425 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 615403

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.6	16.0

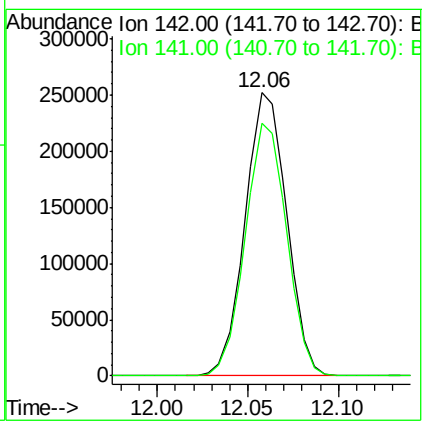


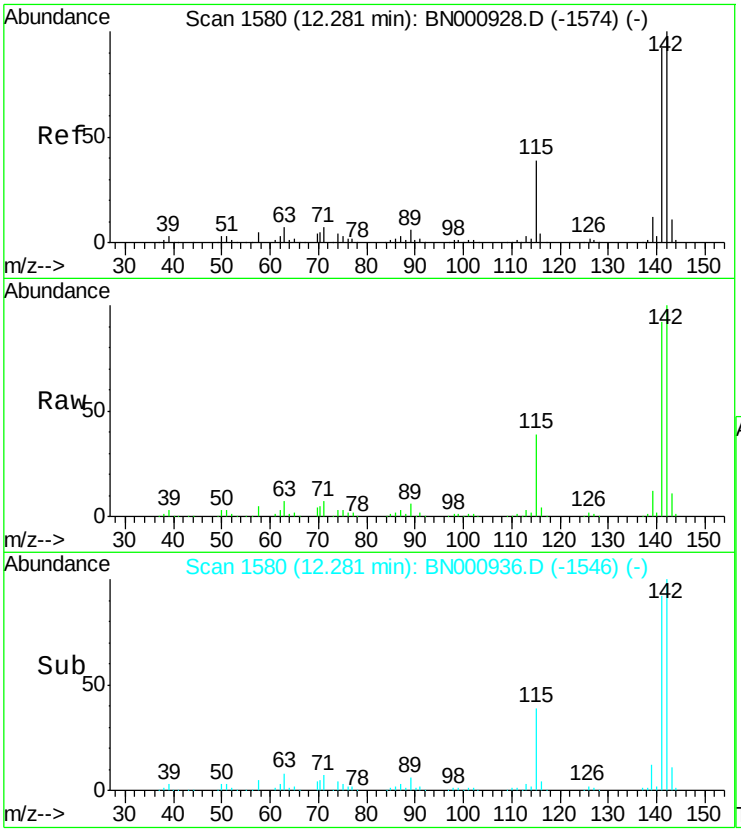


#4
2-Methylnaphthalene
Concen: 20.060 ng/ul
RT: 12.06 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Tgt Ion:142 Resp: 403257

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.7	109.1



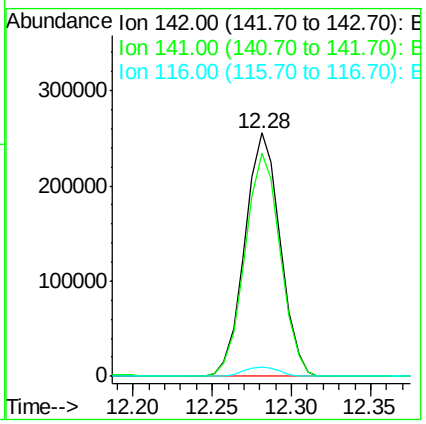


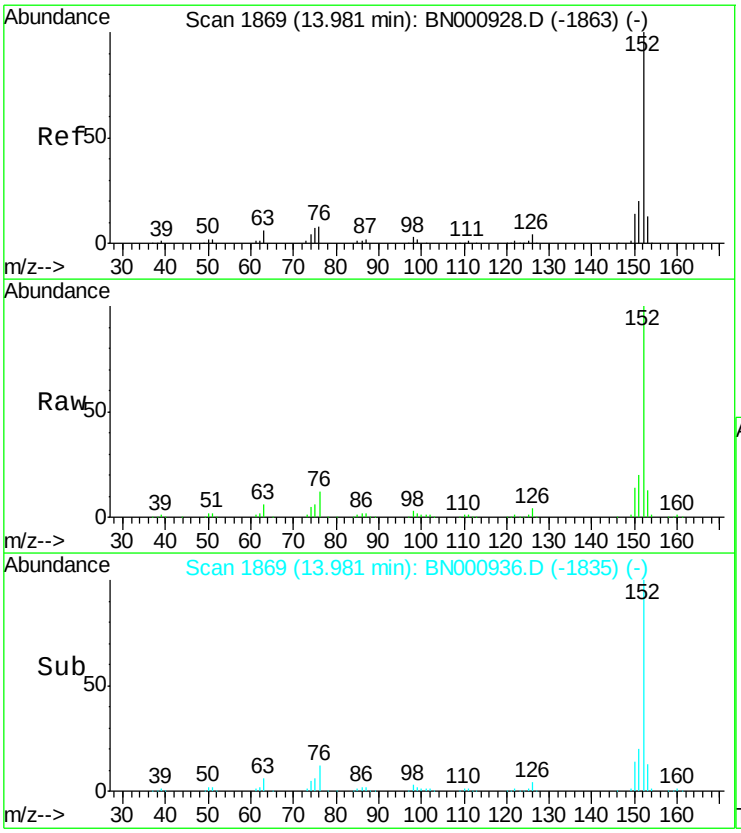
#5
1-Methylnaphthalene
Concen: 20.095 ng/ul
RT: 12.28 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 396230

Ion	Ratio	Lower	Upper
142	100		
141	91.8	79.3	118.9
116	4.0	4.2	6.2#

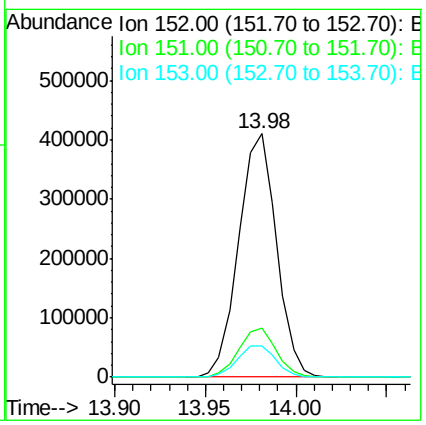


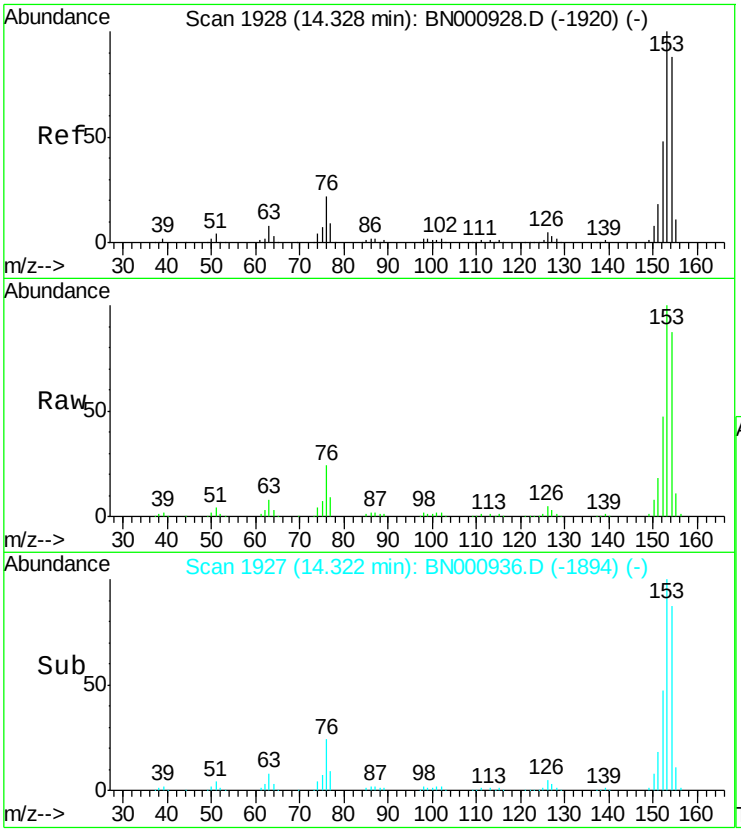


#8
Acenaphthylene
Concen: 20.896 ng/ul
RT: 13.98 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Tgt Ion:152 Resp: 595335

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.7	25.1
153	12.9	10.2	15.4



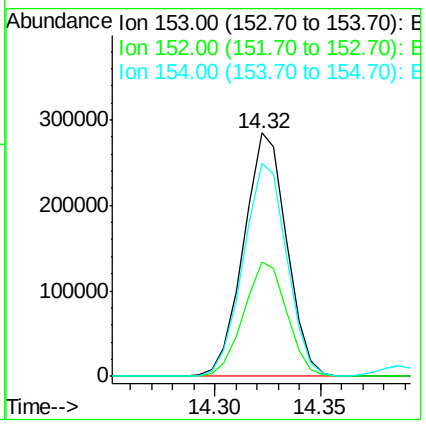


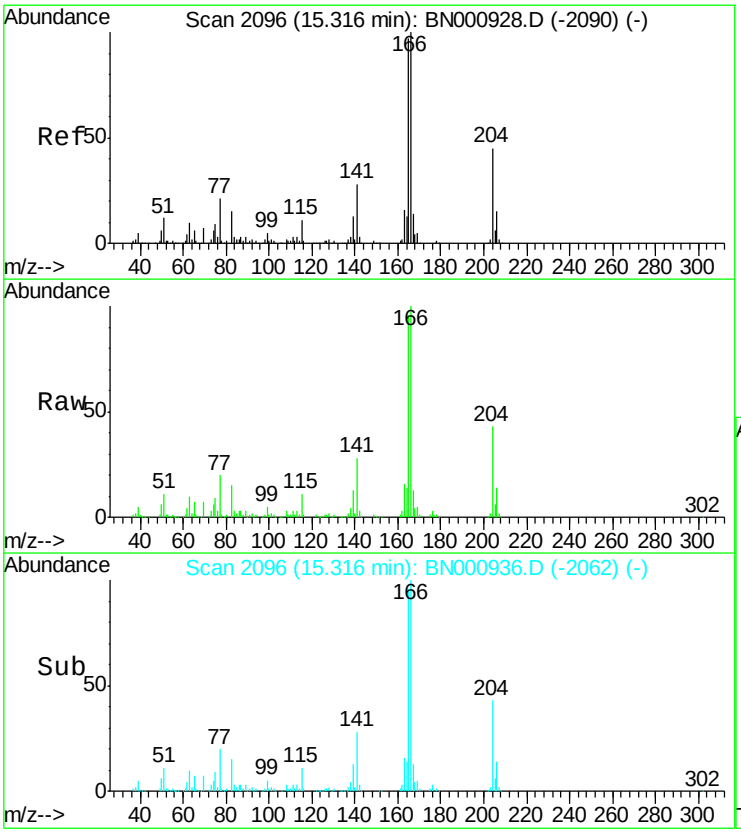
#9
Acenaphthene
Concen: 20.474 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 403040

Ion	Ratio	Lower	Upper
153	100		
152	47.2	39.0	58.6
154	87.4	66.8	100.2

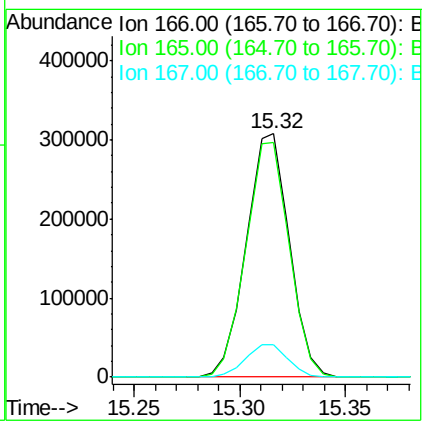


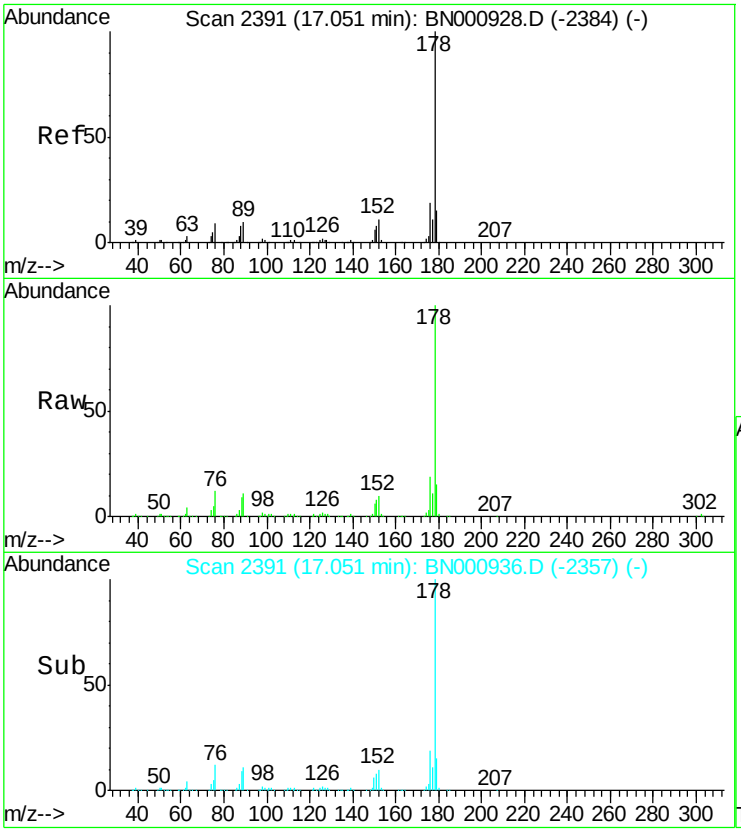


#11
Fluorene
Concen: 20.819 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Tgt Ion:166 Resp: 436266

Ion	Ratio	Lower	Upper
166	100		
165	96.4	83.8	125.8
167	13.1	11.5	17.3



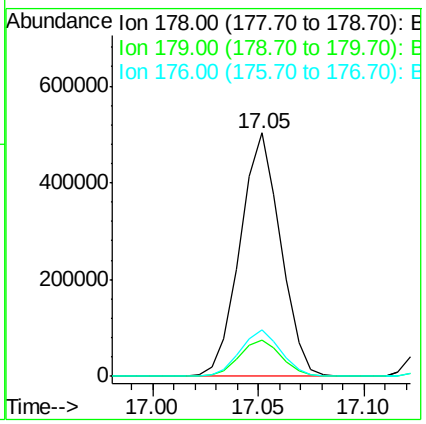


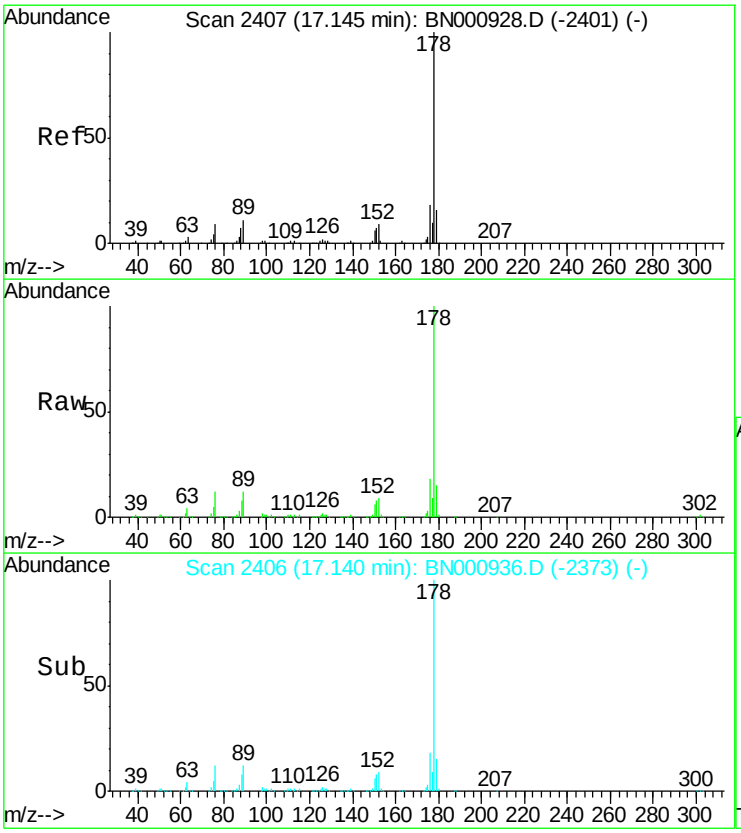
#13
Phenanthrene
Concen: 20.099 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 668170

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.0	15.1	22.7

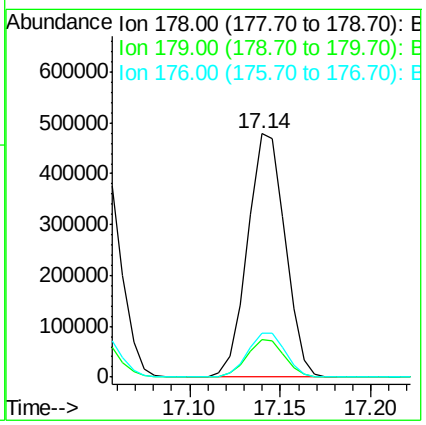


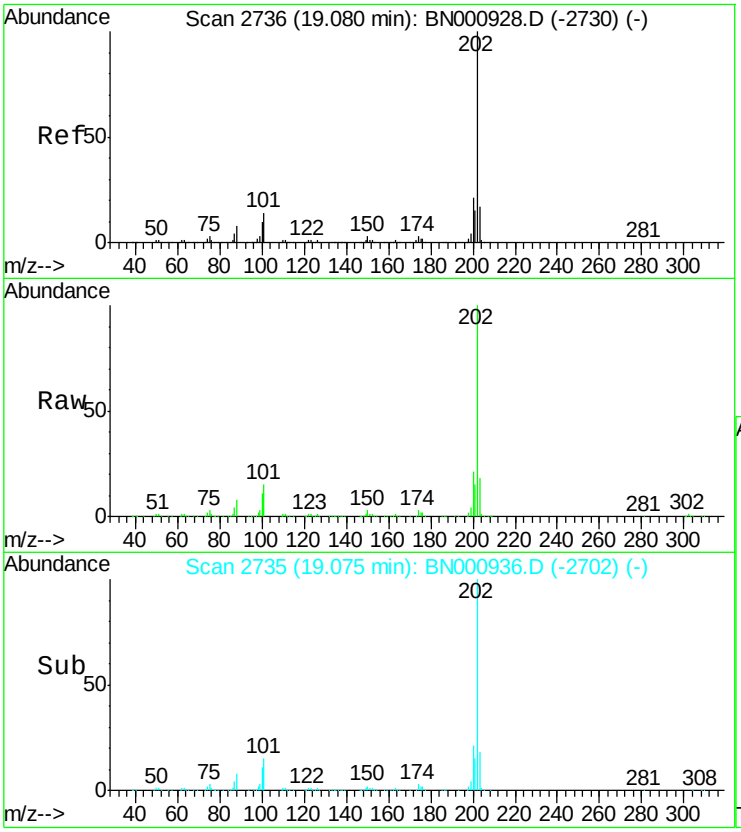


#15
Anthracene
Concen: 20.600 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Tgt Ion:178 Resp: 686922

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.3	15.2	22.8



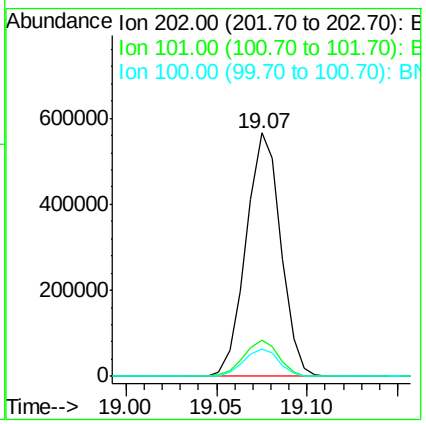


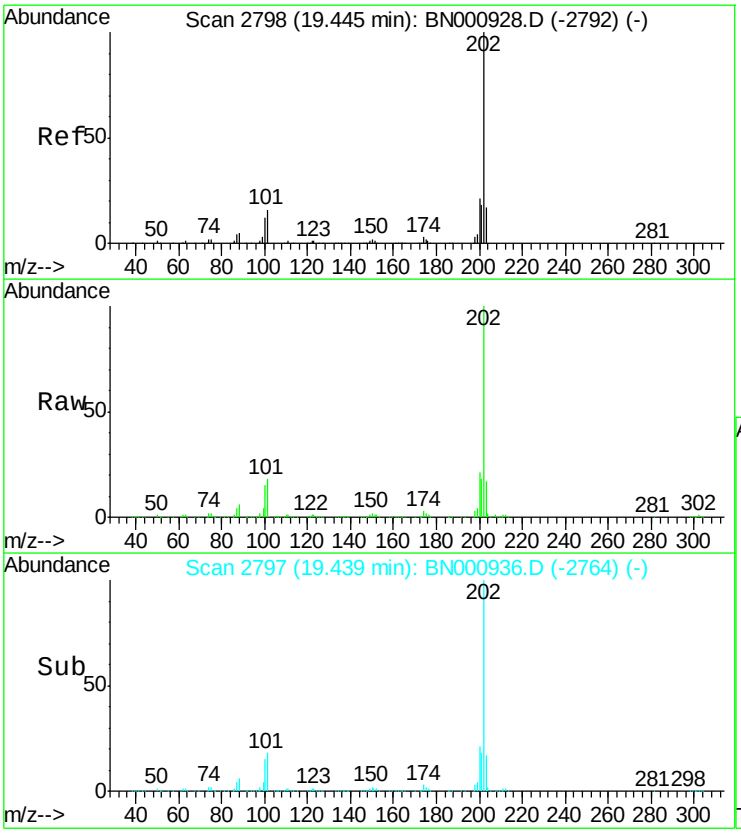
#16
Fluoranthene
Concen: 22.358 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 754109

Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	11.5	7.4	11.0#

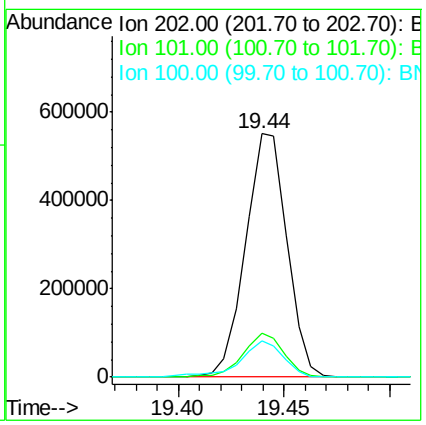


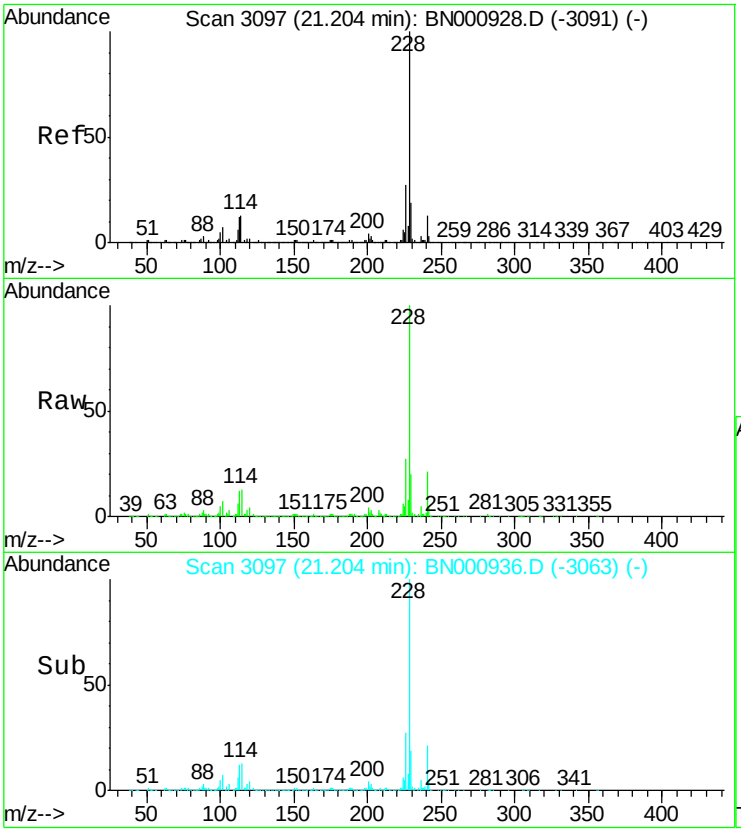


#19
Pyrene
Concen: 19.770 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Tgt Ion:202 Resp: 749073

Ion	Ratio	Lower	Upper
202	100		
101	18.1	11.0	16.4#
100	15.0	8.1	12.1#



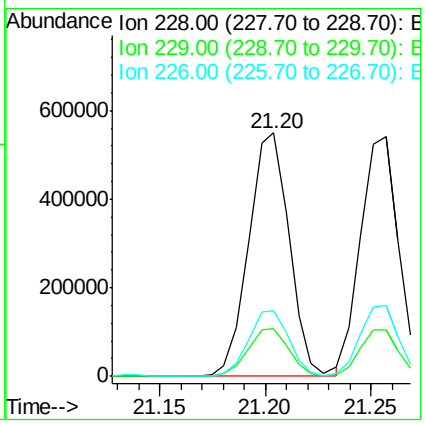


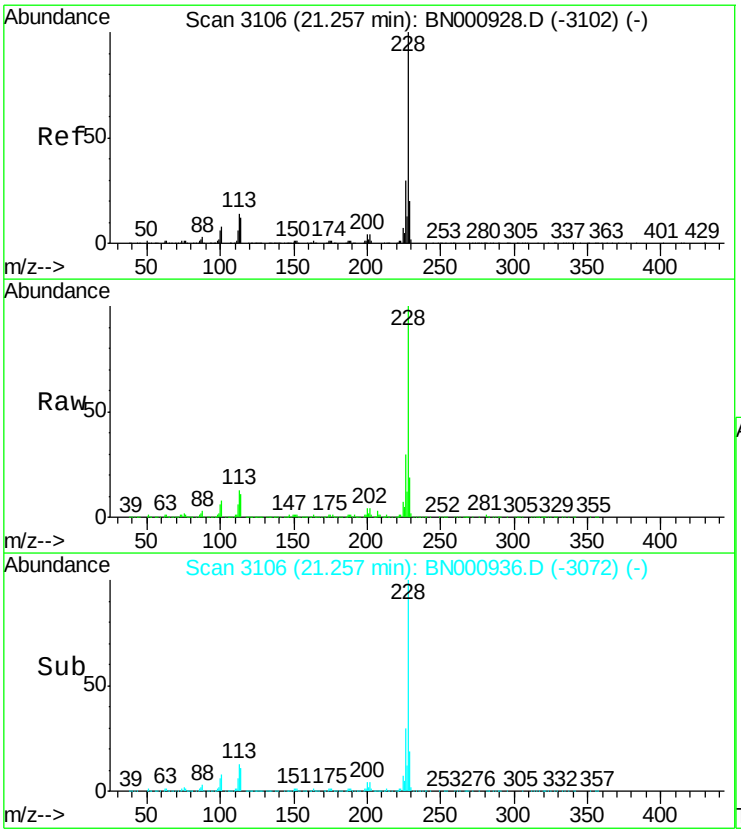
#20
Benzo(a)anthracene
Concen: 20.971 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 739477

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.7	23.5
226	26.8	21.1	31.7

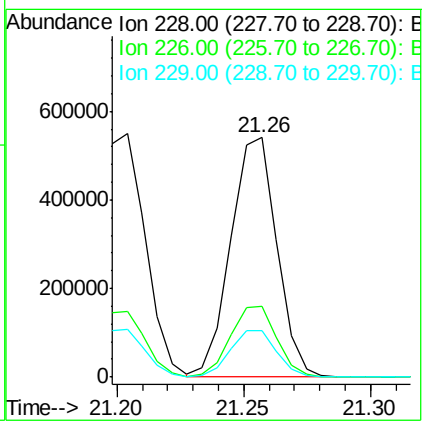


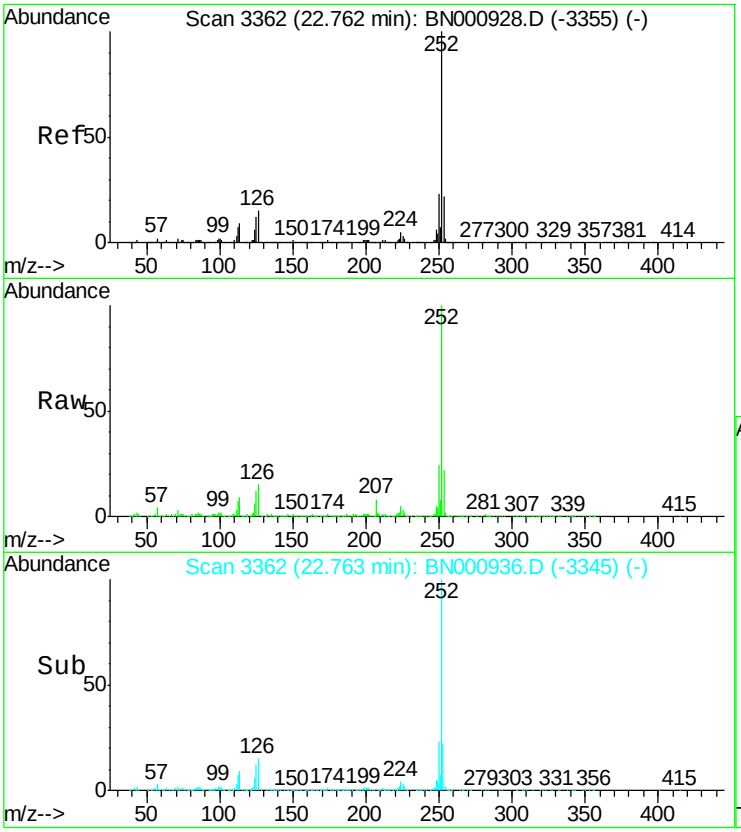


#21
Chrysene
Concen: 20.594 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Tgt Ion:228 Resp: 682538

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	19.4	15.8	23.8



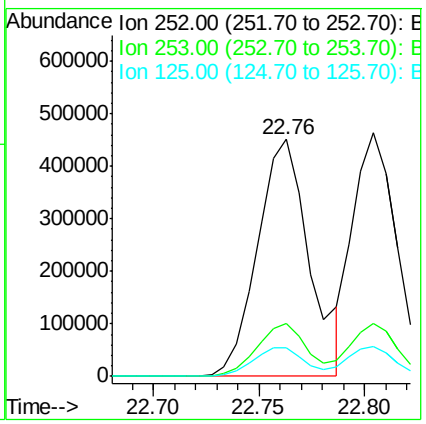


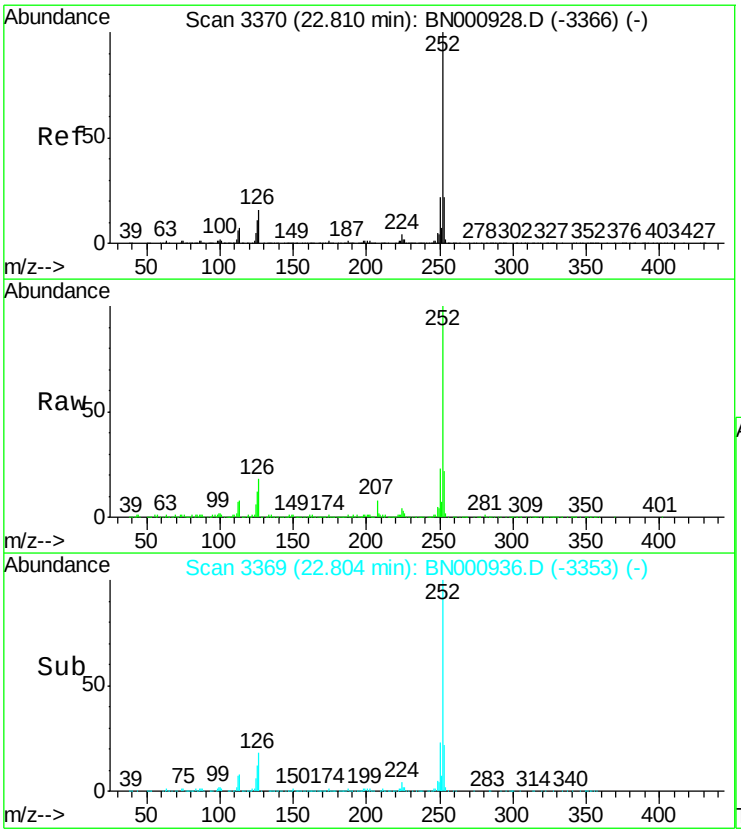
#23
Benzo(b)fluoranthene
Concen: 21.668 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 770780

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	12.2	8.0	12.0#

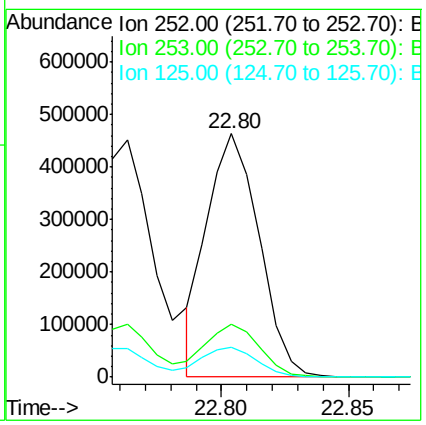


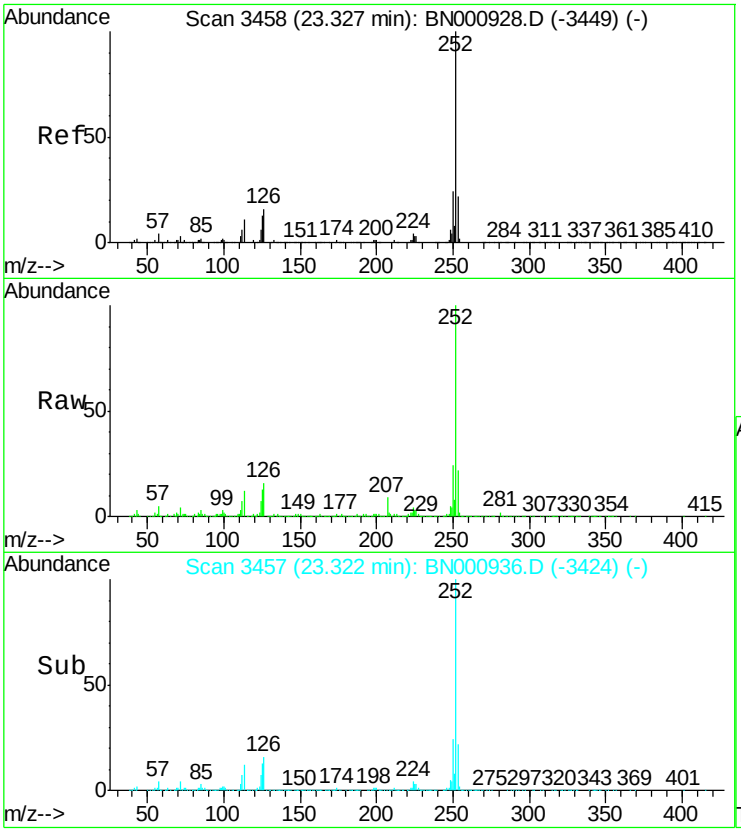


#24
Benzo(k)fluoranthene
Concen: 18.851 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Tgt Ion:252 Resp: 656147

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	12.1	8.1	12.1



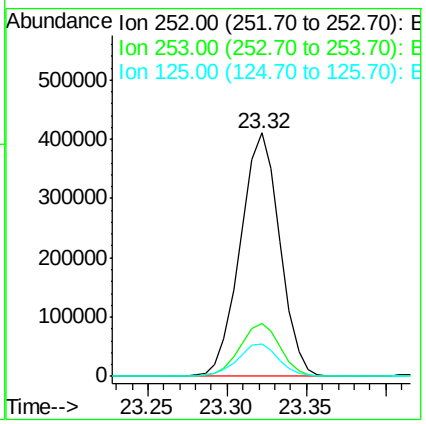


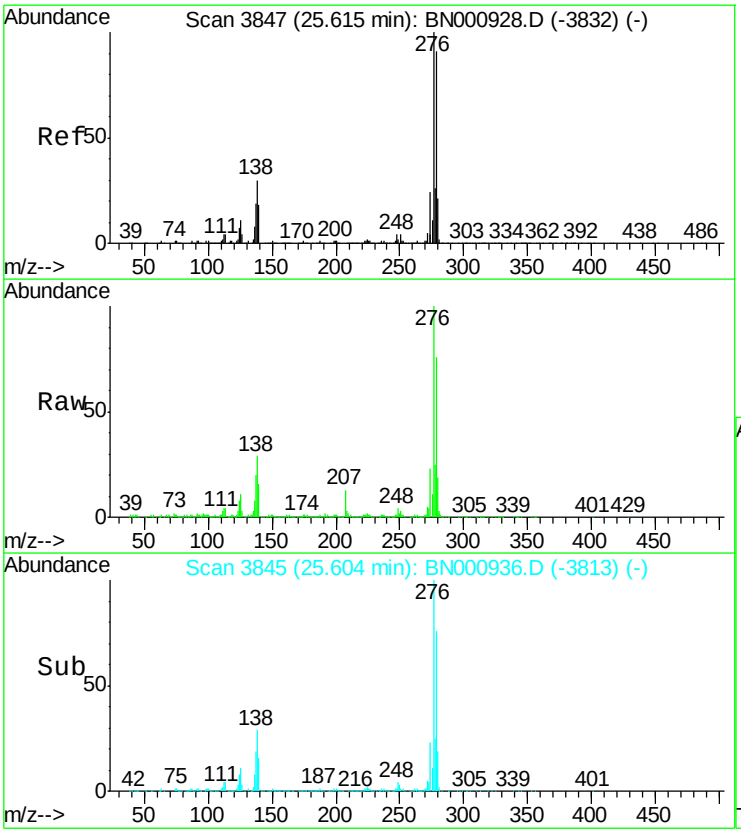
#26
Benzo(a)pyrene
Concen: 20.755 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 705581

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	13.2	8.2	12.4#

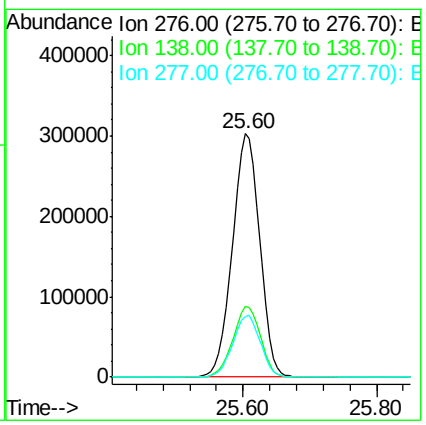


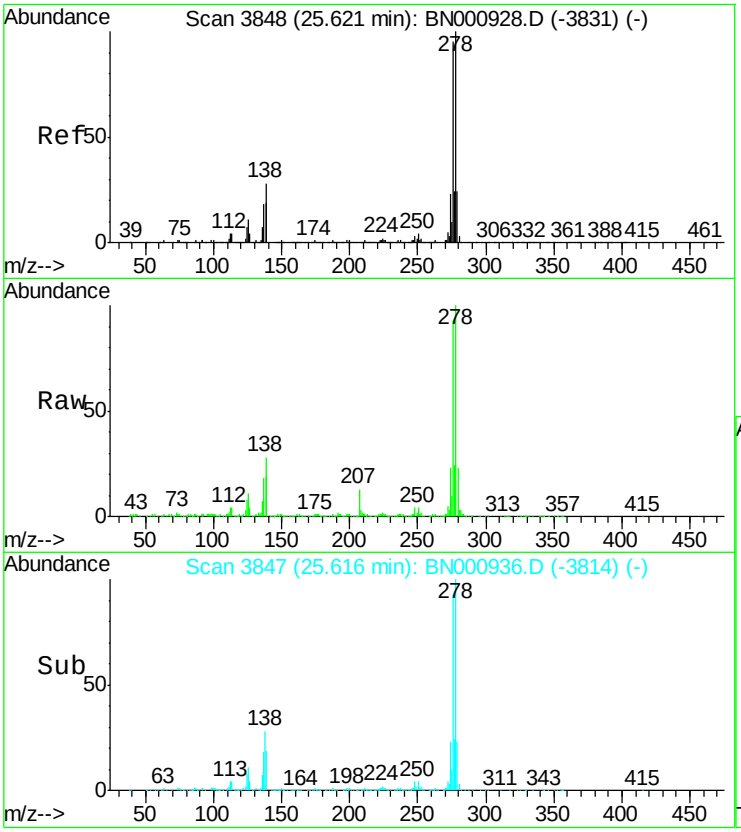


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.830 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Tgt Ion:276 Resp: 855311

Ion	Ratio	Lower	Upper
276	100		
138	29.4	14.4	21.6#
277	24.8	18.0	27.0



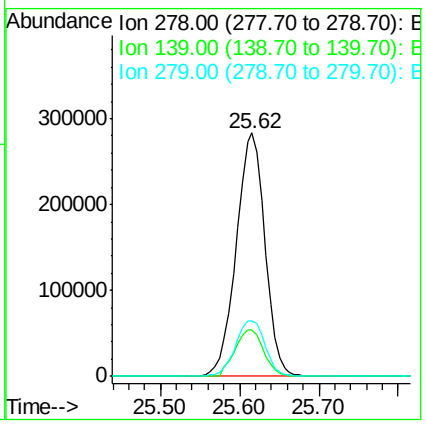


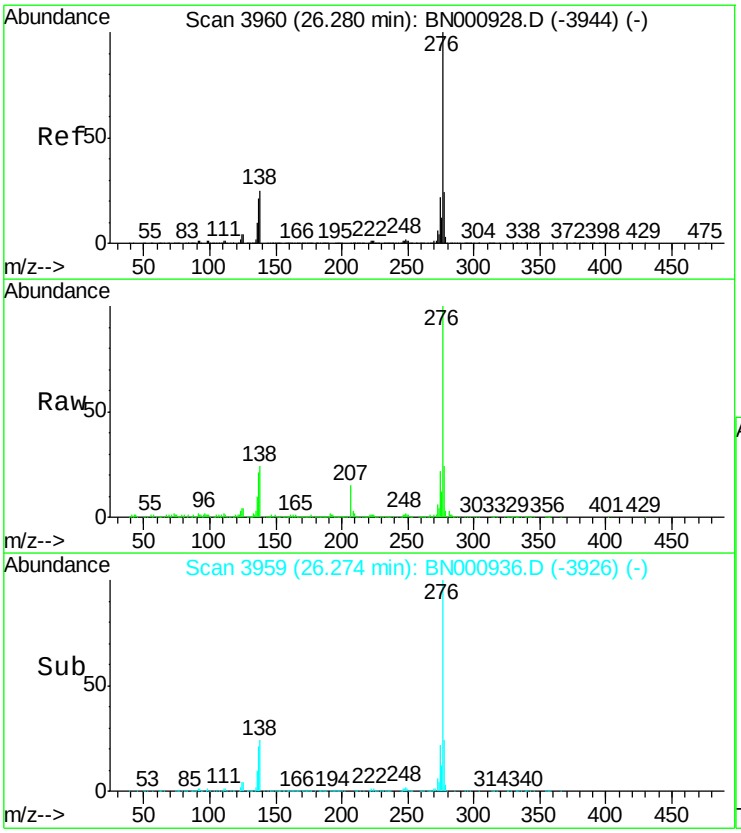
#28
Dibenzo(a,h)anthracene
Concen: 20.760 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 710445

Ion	Ratio	Lower	Upper
278	100		
139	19.0	12.2	18.4#
279	23.0	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 20.923 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. -0.01 min
Lab File: BN000936.D
Acq: 26 Apr 2018 17:28

Tgt Ion:276 Resp: 718551

Ion	Ratio	Lower	Upper
276	100		
138	23.8	15.3	22.9#
277	23.7	19.0	28.4