Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
Data File : BN000396.D
Acq On : 15 Mar 2018 03:52
Operator : JU/SJ
Sample : J1865-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 15 07:57:54 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 15 07:55:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	235330	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1154489	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	658138	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1462656	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1333009	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1255510	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2467005	37.77	ng/ul	0.00
10) Fluorene-d10	16.05	176	1604955	36.28	ng/ul	0.00
14) Anthracene-d10	17.89	188	2511956	36.76	ng/ul	0.00
18) Pyrene-d10	20.14	212	2678413	41.07	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	2116500	36.92	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.34	128	106328	1.745	ng/ul	100
4) 2-Methylnaphthalene	12.92	142	93910	2.190	ng/ul	96
5) 1-Methylnaphthalene	13.13	142	61180	1.422	ng/ul#	89
9) Acenaphthene	15.13	153	1438288	31.482	ng/ul	95
11) Fluorene	16.10	166	97989	1.945	ng/ul	93
13) Phenanthrene	17.83	178	1885980	22.483	ng/ul	100
15) Anthracene	17.92	178	385353	4.527	ng/ul	99
16) Fluoranthene	19.81	202	3478815	38.384	ng/ul#	92
19) Pyrene	20.17	202	5452126	64.783	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	1758277	21.217	ng/ul	98
21) Chrysene	21.95	228	1753452	22.297	ng/ul	97
23) Benzo(b)fluoranthene	23.64	252	2267606	30.288	ng/ul#	96
24) Benzo(k)fluoranthene	23.64	252	2267606	32.358	ng/ul#	96
26) Benzo(a)pyrene	24.29	252	1463863	20.544	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.96	276	940466	12.241	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.97	278	265479	4.216	ng/ul#	81
29) Benzo(g,h,i)perylene	27.76	276	786399	12.259	ng/ul#	88

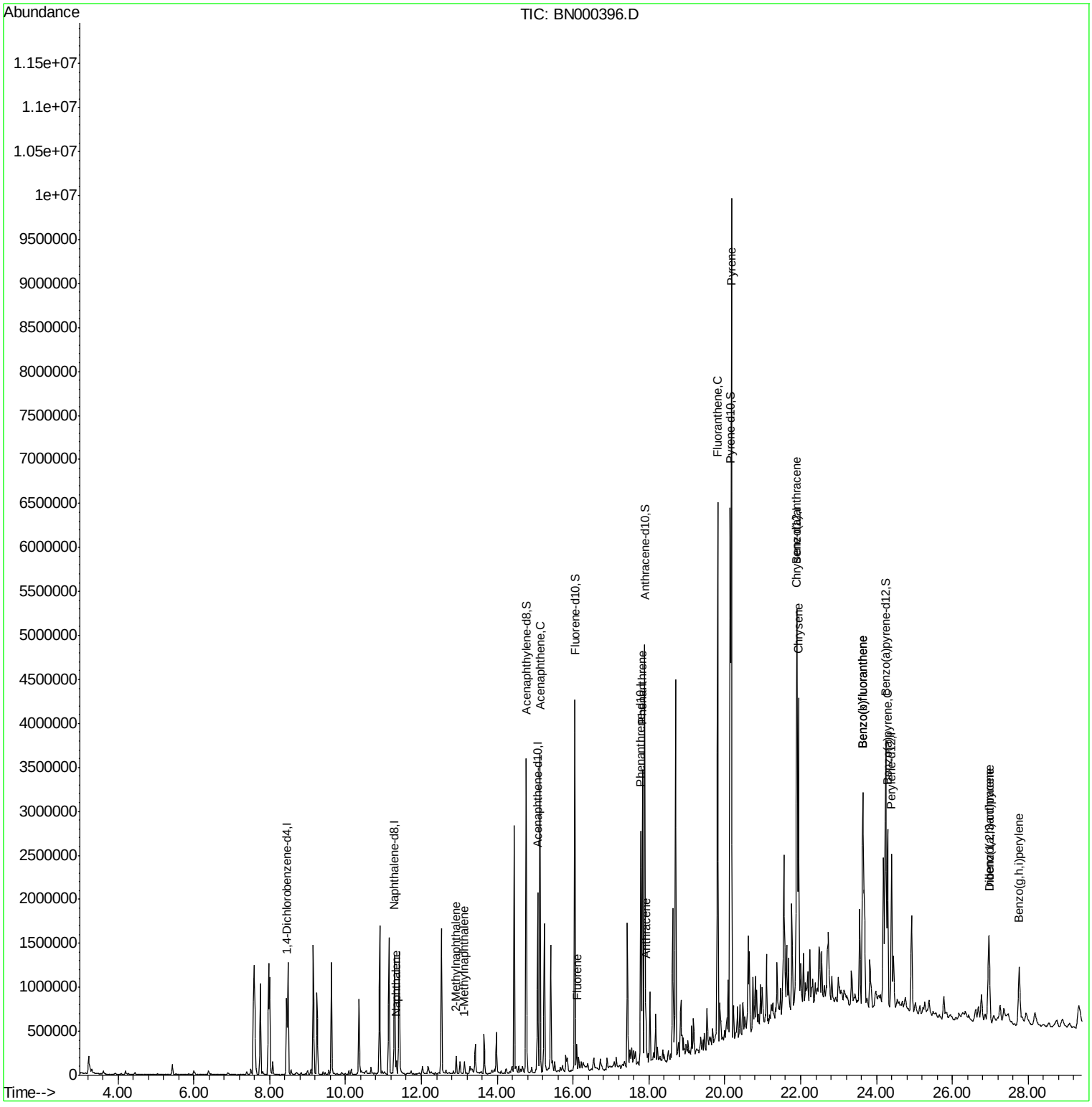
(#) = qualifier out of range (m) = manual integration (+) = signals summed

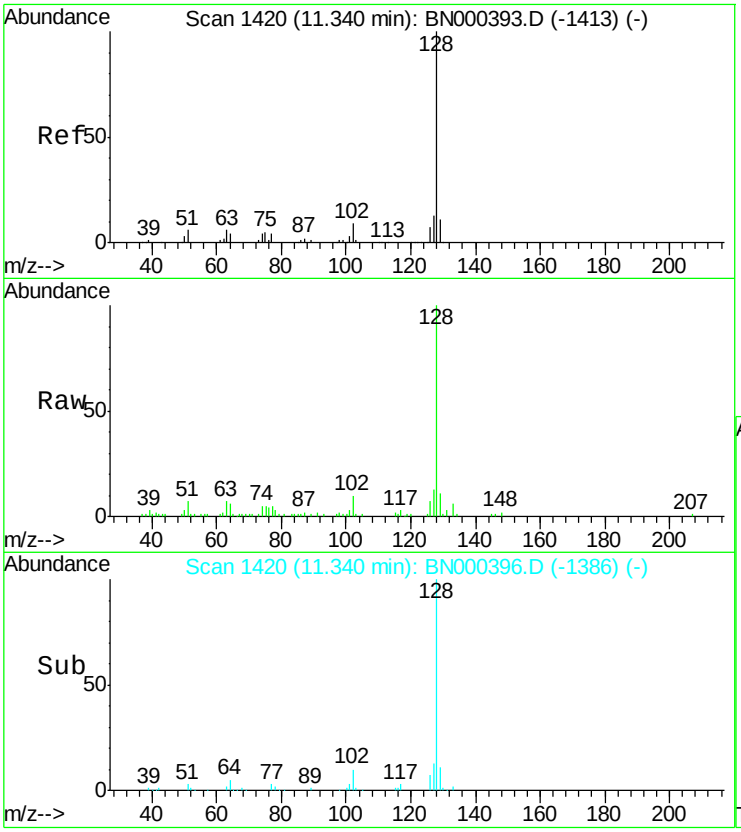
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
Data File : BN000396.D
Acq On : 15 Mar 2018 03:52
Operator : JU/SJ
Sample : J1865-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 15 07:57:54 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 15 07:55:46 2018
Response via : Initial Calibration



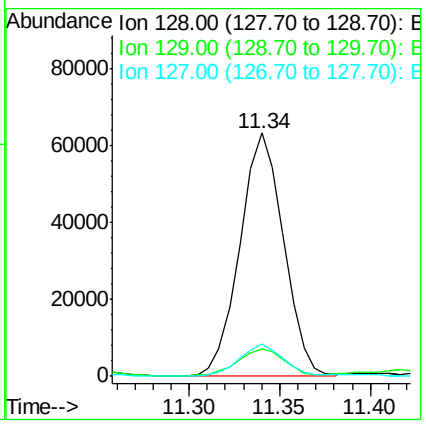


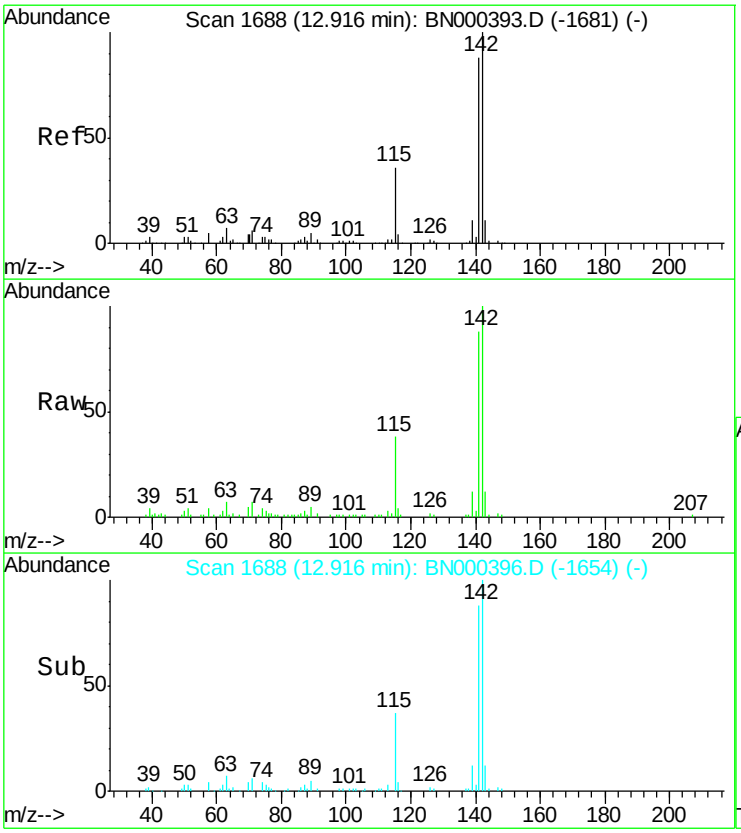
#3
Naphthalene
Concen: 1.745 ng/ul
RT: 11.34 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 106328

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

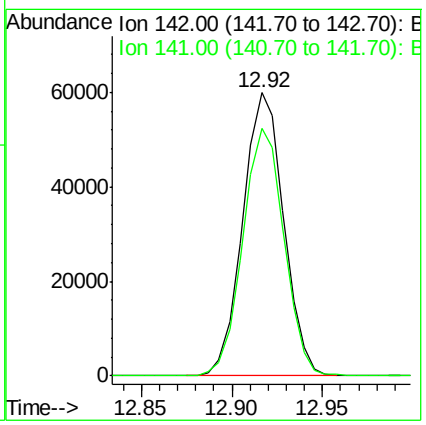


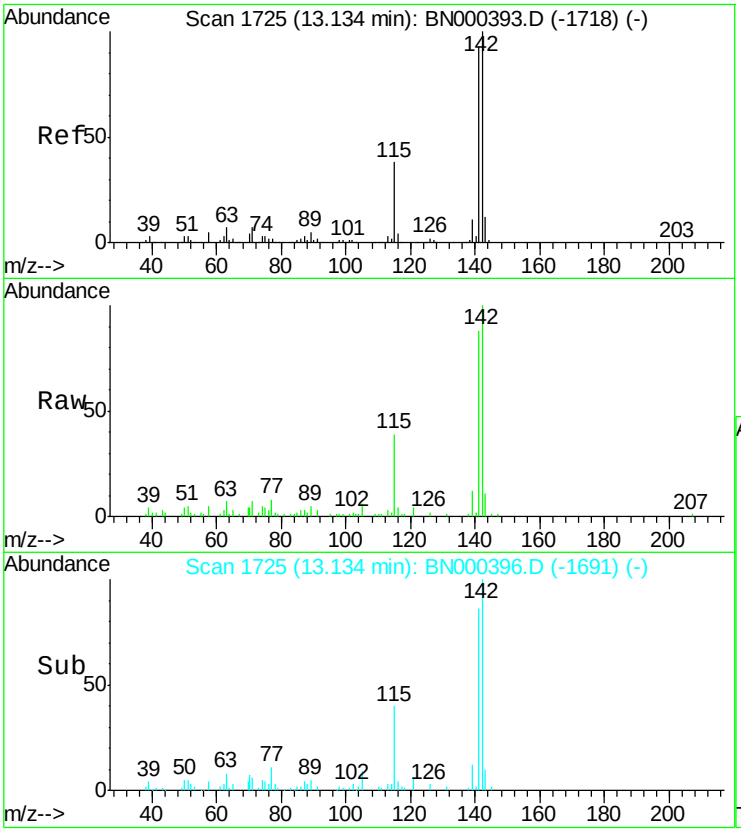


#4
2-Methylnaphthalene
Concen: 2.190 ng/ul
RT: 12.92 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Tgt Ion:142 Resp: 93910

Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.7	109.1



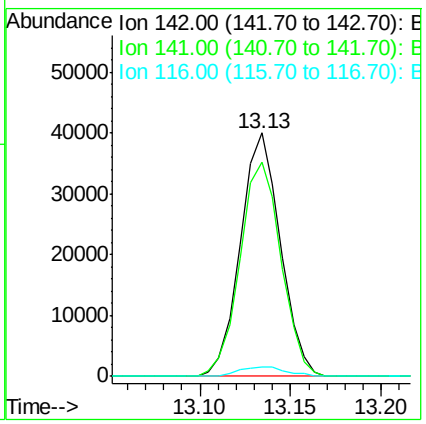


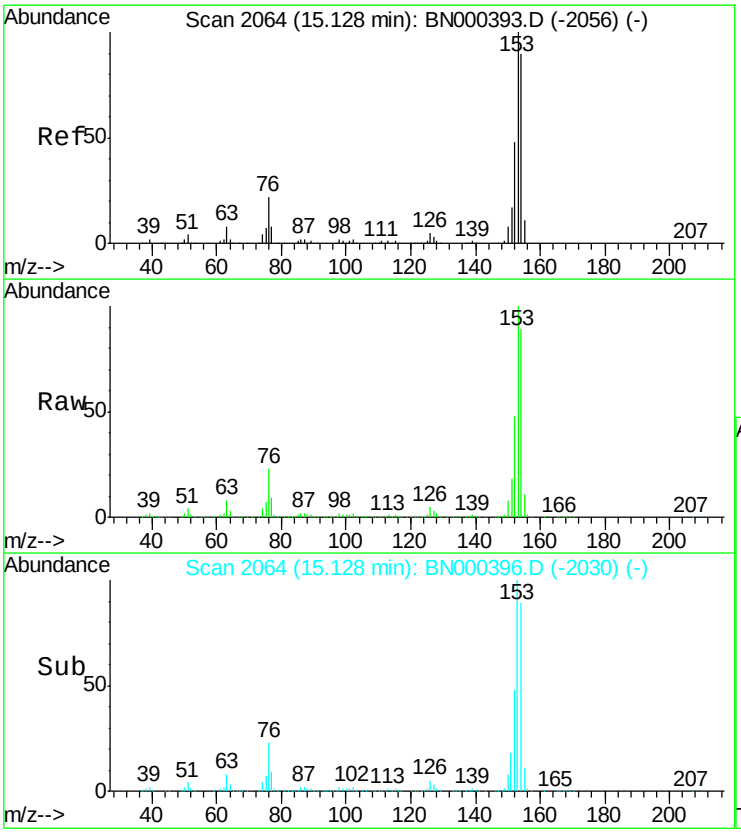
#5
1-Methylnaphthalene
Concen: 1.422 ng/ul
RT: 13.13 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 61180

Ion	Ratio	Lower	Upper
142	100		
141	88.1	79.3	118.9
116	3.8	4.2	6.2#

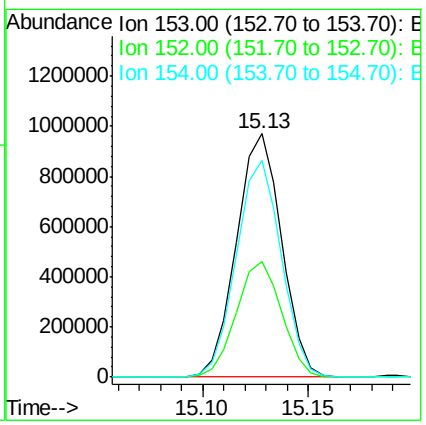


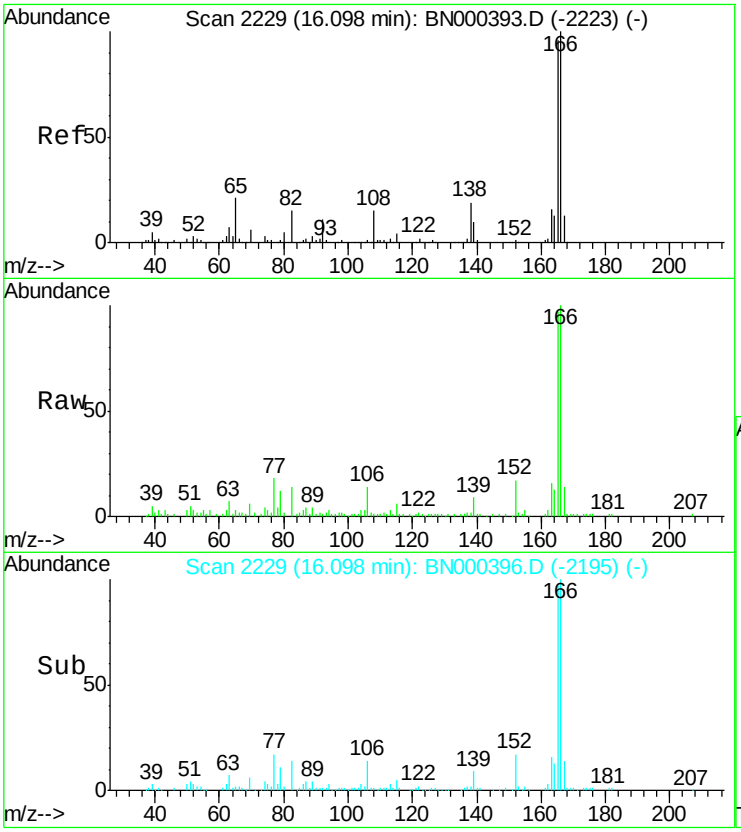


#9
Acenaphthene
Concen: 31.482 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Tgt Ion:153 Resp: 1438288

Ion	Ratio	Lower	Upper
153	100		
152	47.6	39.0	58.6
154	89.2	66.8	100.2



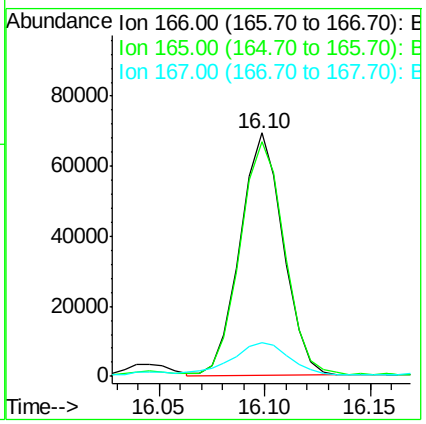


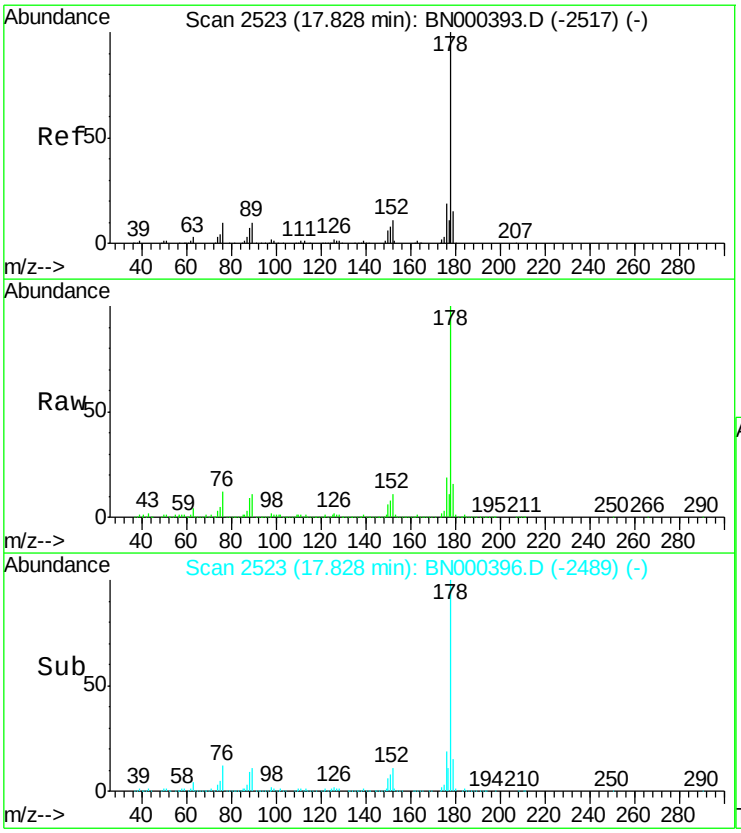
#11
Fluorene
Concen: 1.945 ng/ul
RT: 16.10 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 97989

Ion	Ratio	Lower	Upper
166	100		
165	96.5	83.8	125.8
167	14.1	11.5	17.3

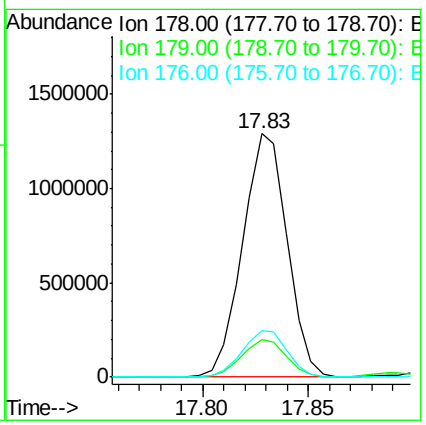


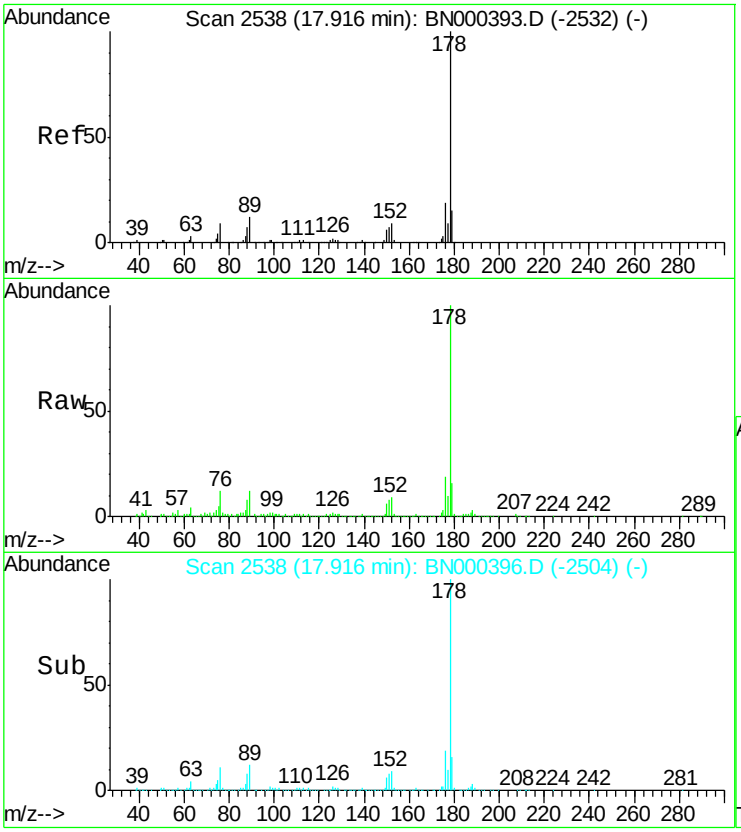


#13
Phenanthrene
Concen: 22.483 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Tgt Ion:178 Resp: 1885980

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.2	15.1	22.7



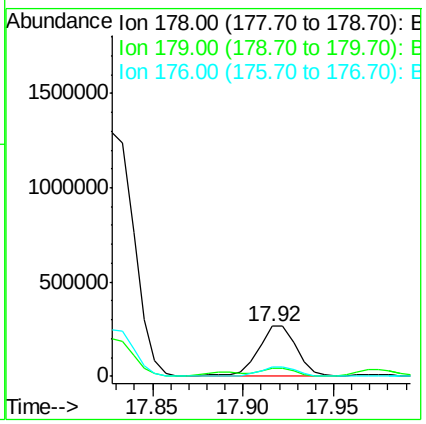


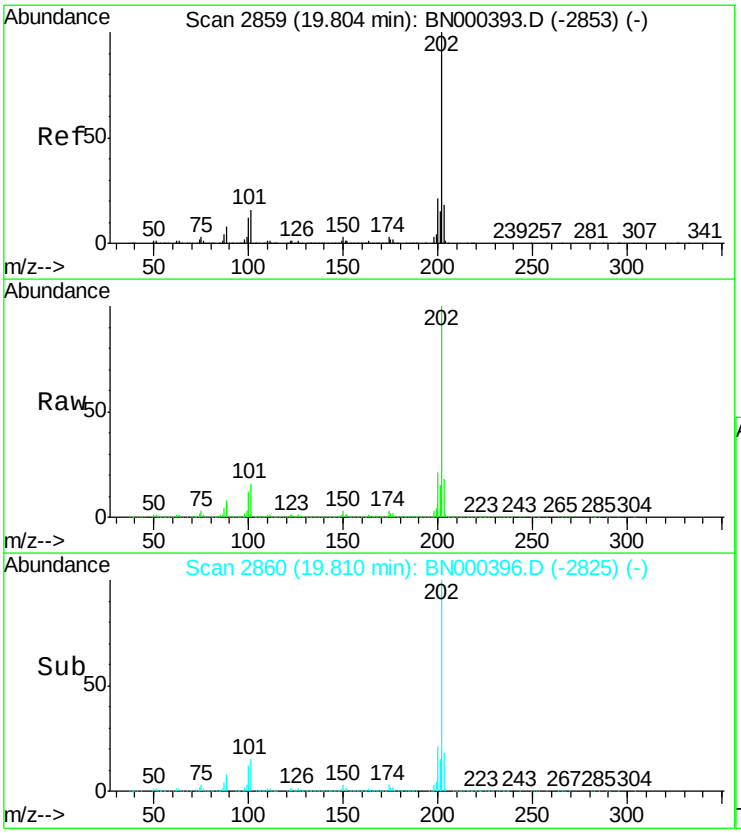
#15
Anthracene
Concen: 4.527 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 385353

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.7	15.2	22.8

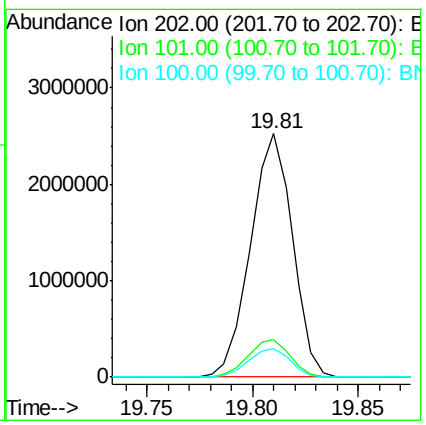


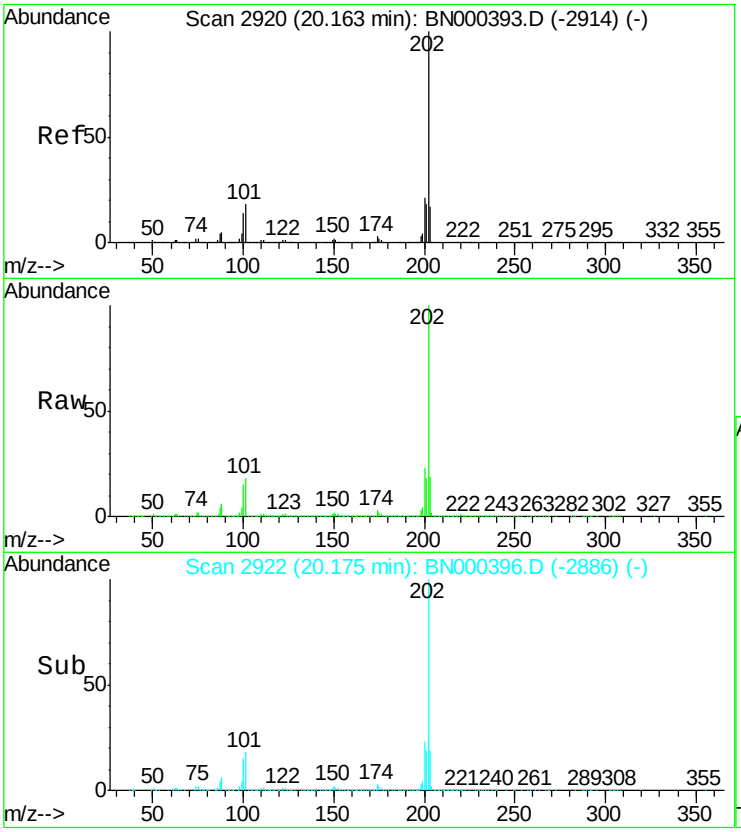


#16
Fluoranthene
Concen: 38.384 ng/ul
RT: 19.81 min Scan# 2860
Delta R.T. 0.01 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Tgt Ion:202 Resp: 3478815

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	12.0	7.4	11.0#



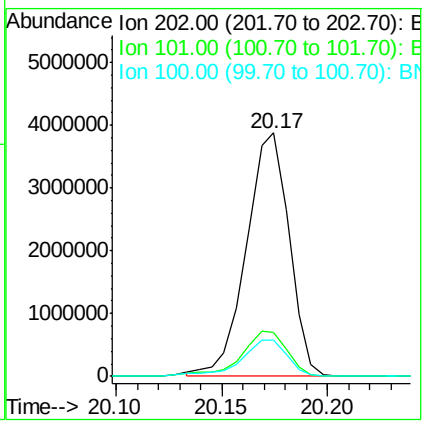


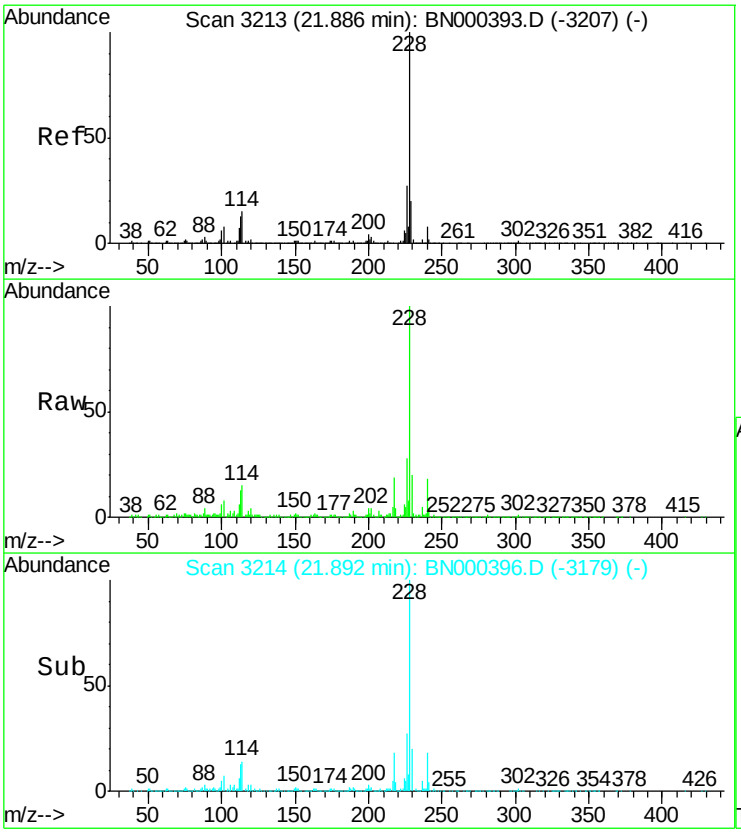
#19
Pyrene
Concen: 64.783 ng/ul
RT: 20.17 min Scan# 2922
Delta R.T. 0.01 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 5452126

Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	14.9	8.1	12.1#

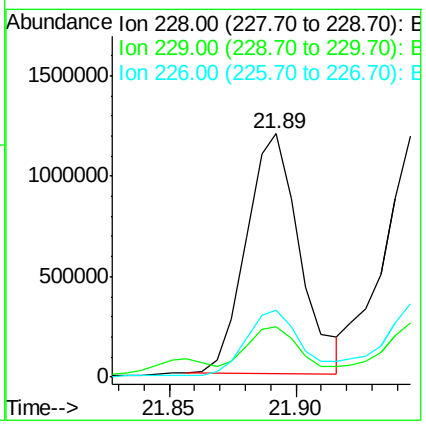


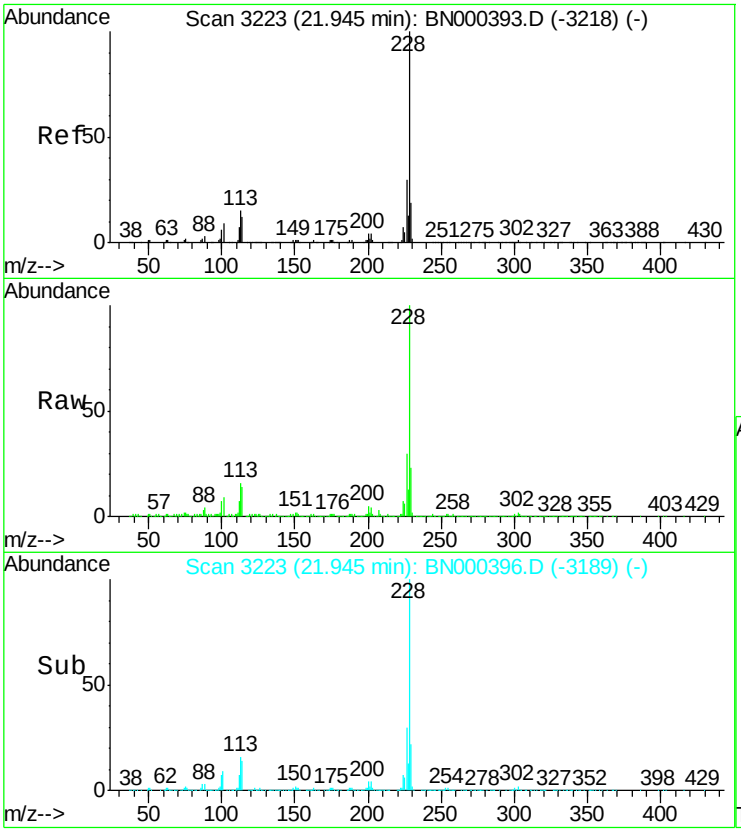


#20
Benzo(a)anthracene
Concen: 21.217 ng/ul
RT: 21.89 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Tgt Ion:228 Resp: 1758277

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	27.6	21.1	31.7



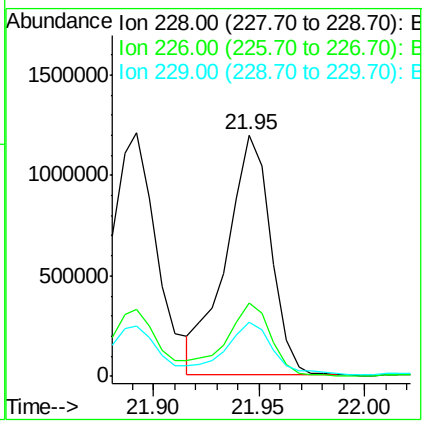


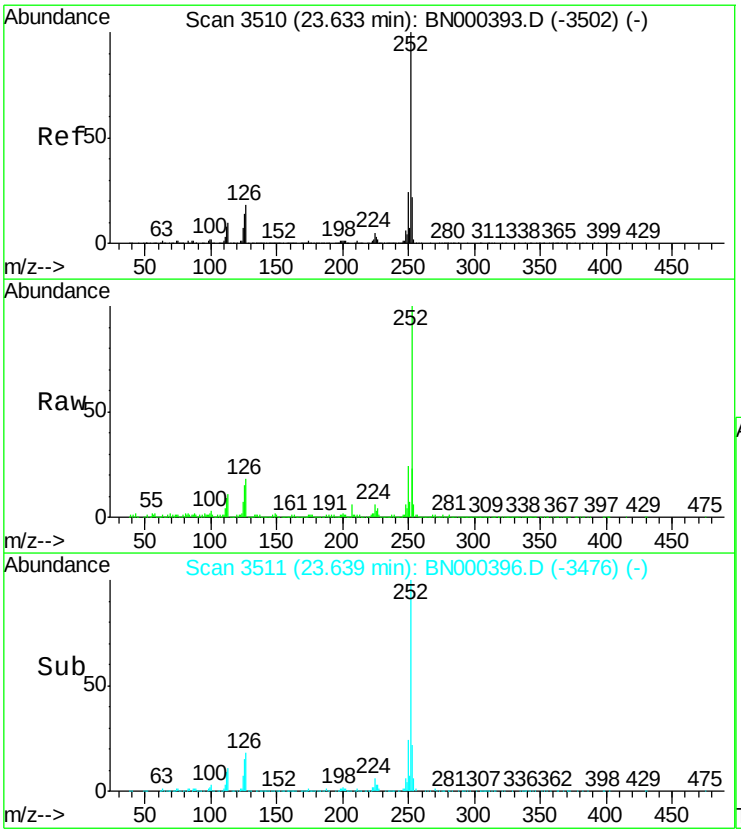
#21
Chrysene
Concen: 22.297 ng/ul
RT: 21.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1753452

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	22.6	15.8	23.8

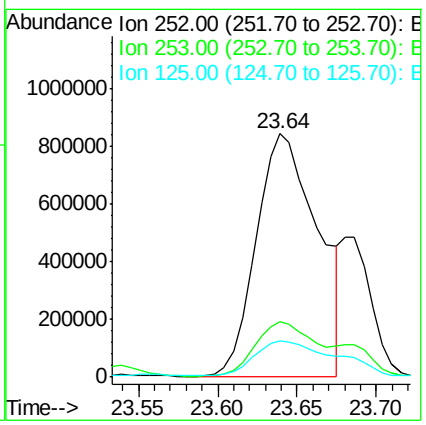


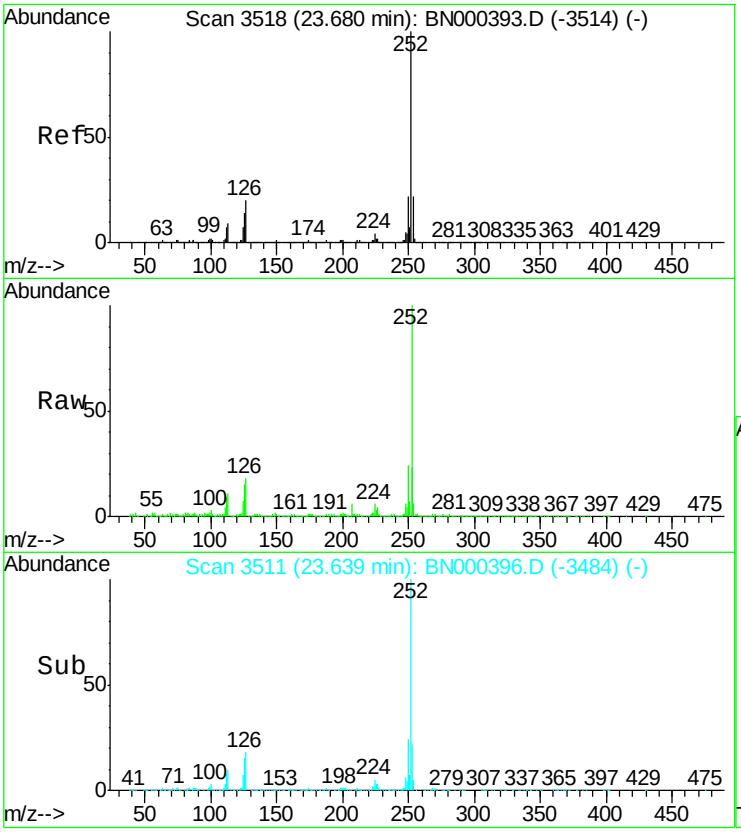


#23
Benzo(b)fluoranthene
Concen: 30.288 ng/ul
RT: 23.64 min Scan# 3511
Delta R.T. 0.01 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Tgt Ion:252 Resp: 2267606

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	15.1	8.0	12.0#



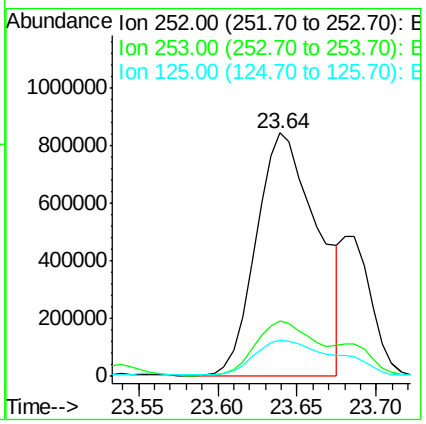


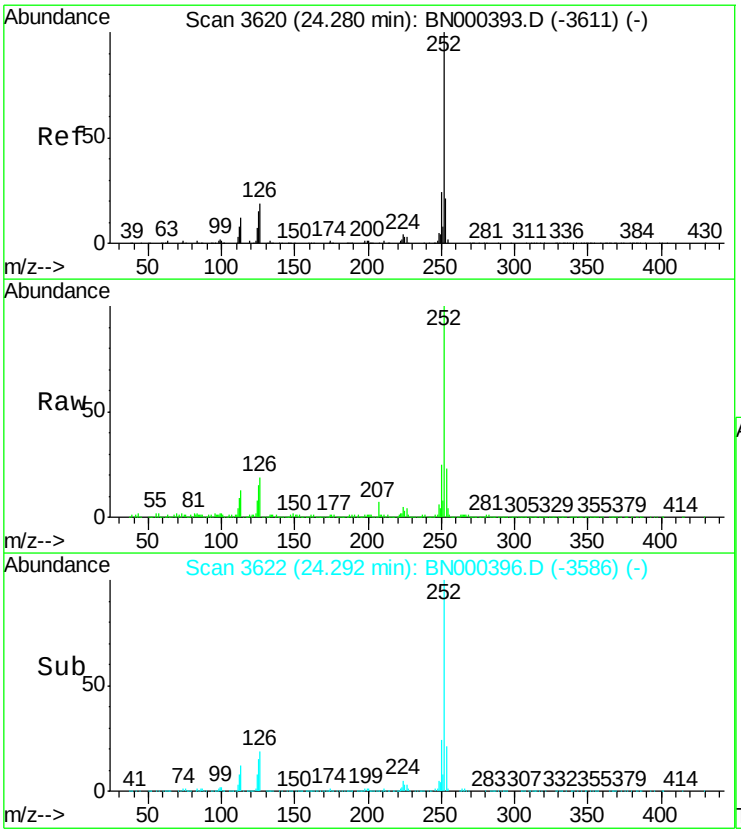
#24
Benzo(k)fluoranthene
Concen: 32.358 ng/ul
RT: 23.64 min Scan# 3511
Delta R.T. -0.04 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2267606

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	15.1	8.1	12.1#

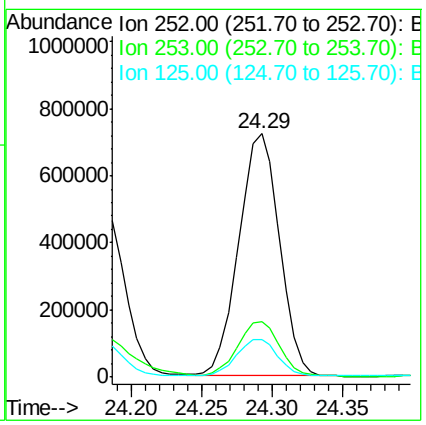


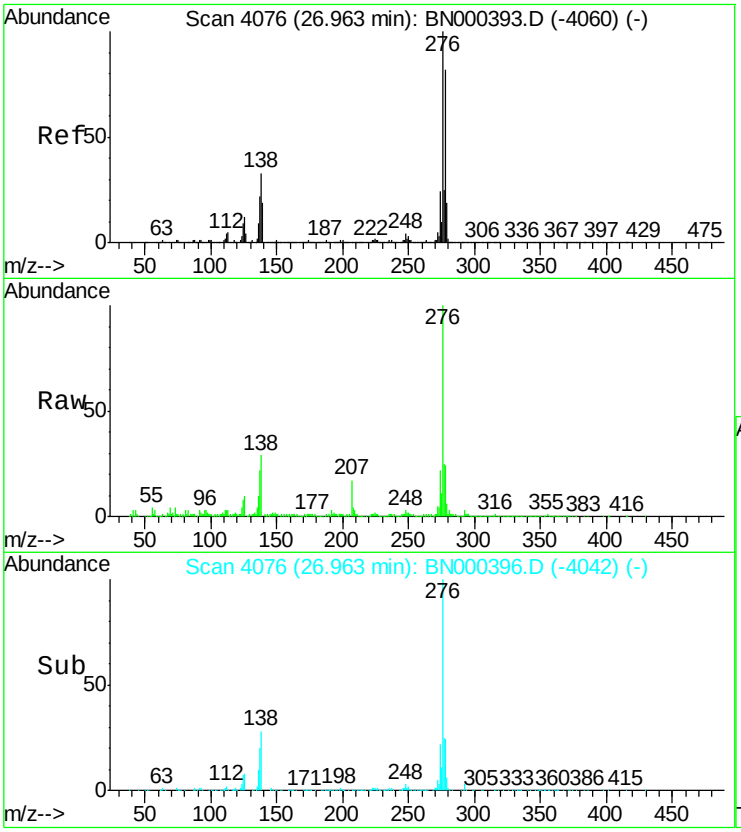


#26
Benzo(a)pyrene
Concen: 20.544 ng/ul
RT: 24.29 min Scan# 3622
Delta R.T. 0.01 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Tgt Ion:252 Resp: 1463863

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	15.3	8.2	12.4#



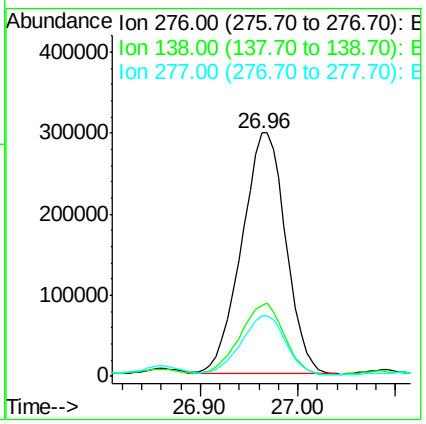


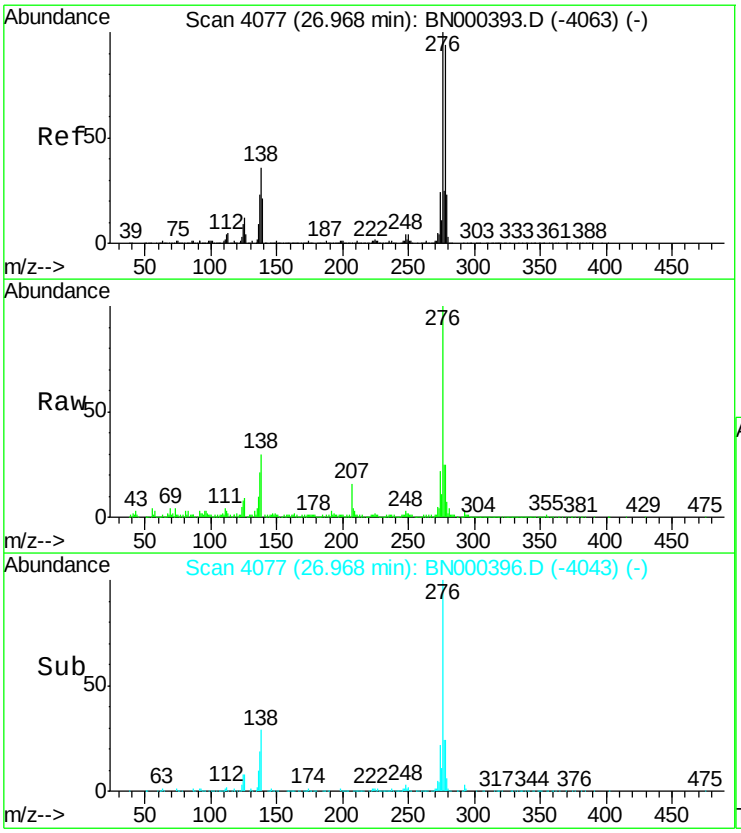
#27
Indeno(1,2,3-cd)pyrene
Concen: 12.241 ng/ul
RT: 26.96 min Scan# 4076
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 940466

Ion	Ratio	Lower	Upper
276	100		
138	29.0	14.4	21.6#
277	25.1	18.0	27.0

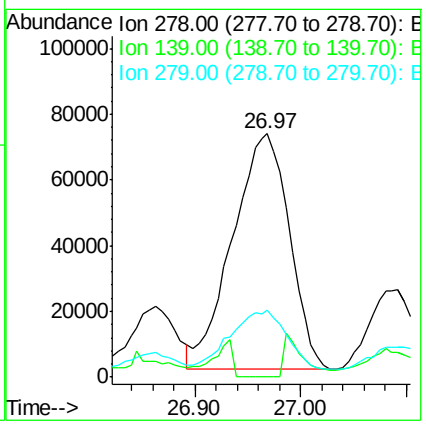


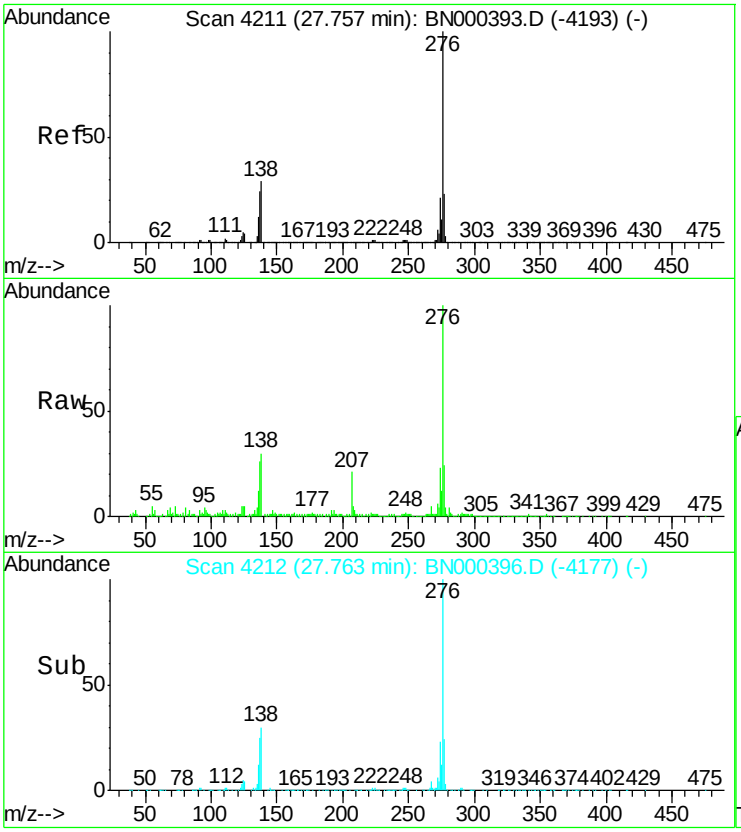


#28
Dibenzo(a,h)anthracene
Concen: 4.216 ng/ul
RT: 26.97 min Scan# 4077
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Tgt Ion:278 Resp: 265479

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	27.6	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 12.259 ng/ul
RT: 27.76 min Scan# 4212
Delta R.T. 0.01 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 786399

Ion	Ratio	Lower	Upper
276	100		
138	30.3	15.3	22.9#
277	24.4	19.0	28.4