Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000890.D
Acq On : 25 Apr 2018 14:09
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 25 14:59:38 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 14:59:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	189407	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	775184	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	386137	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	764146	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	718795	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	768073	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	784775	21.16	ng/ul	0.00
10) Fluorene-d10	15.25	176	504734	20.39	ng/ul	0.00
14) Anthracene-d10	17.10	188	733011	20.98	ng/ul	0.00
18) Pyrene-d10	19.40	212	753762	20.47	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	771618	21.27	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	795506	20.362	ng/ul	100
4) 2-Methylnaphthalene	12.05	142	524482	20.121	ng/ul	97
5) 1-Methylnaphthalene	12.28	142	514512	20.124	ng/ul	93
8) Acenaphthylene	13.97	152	765587	20.858	ng/ul	98
9) Acenaphthene	14.32	153	515721	20.336	ng/ul	96
11) Fluorene	15.30	166	554876	20.554	ng/ul	94
13) Phenanthrene	17.05	178	839222	20.136	ng/ul	99
15) Anthracene	17.13	178	859474	20.560	ng/ul	99
16) Fluoranthene	19.07	202	927671	21.939	ng/ul#	94
19) Pyrene	19.43	202	926349	20.064	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	893006	20.783	ng/ul	99
21) Chrysene	21.25	228	832657	20.618	ng/ul	99
23) Benzo(b)fluoranthene	22.75	252	963221	22.067	ng/ul	97
24) Benzo(k)fluoranthene	22.75	252	936592	21.928	ng/ul	97
26) Benzo(a)pyrene	23.30	252	868529	20.820	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.57	276	1054765	20.934	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.59	278	871048	20.743	ng/ul#	97
29) Benzo(g,h,i)perylene	26.24	276	892609	21.181	ng/ul#	93

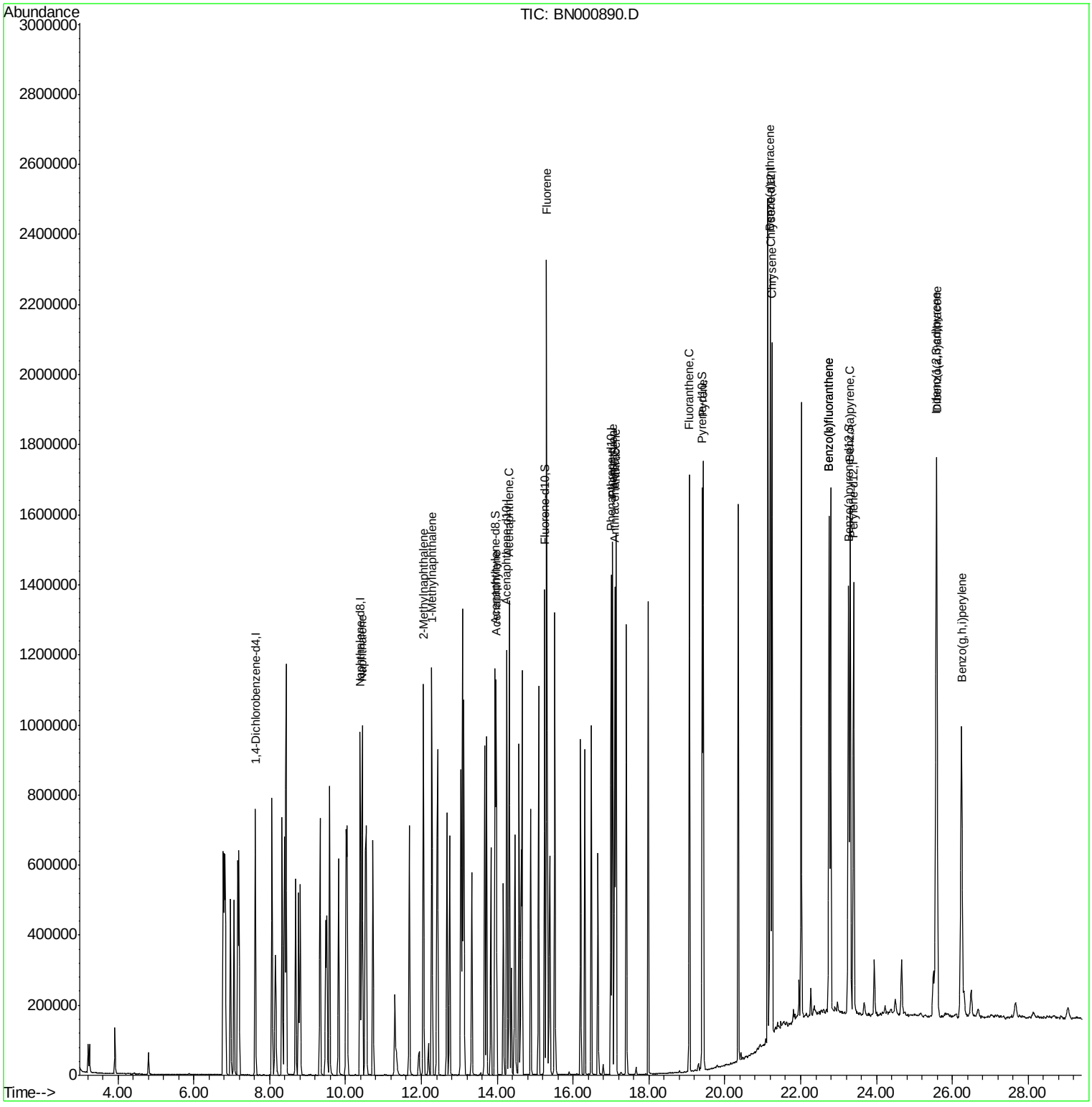
(#) = qualifier out of range (m) = manual integration (+) = signals summed

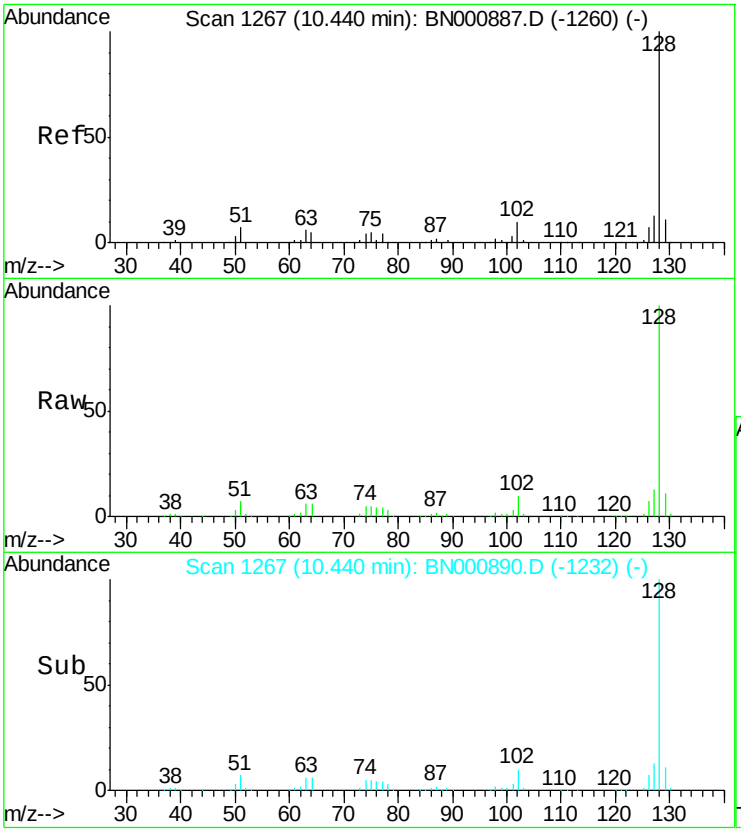
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000890.D
Acq On : 25 Apr 2018 14:09
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 25 14:59:38 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 14:59:03 2018
Response via : Initial Calibration



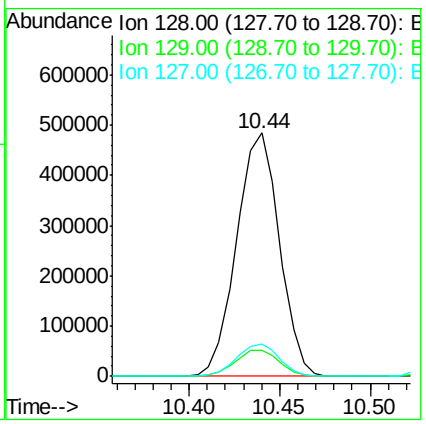


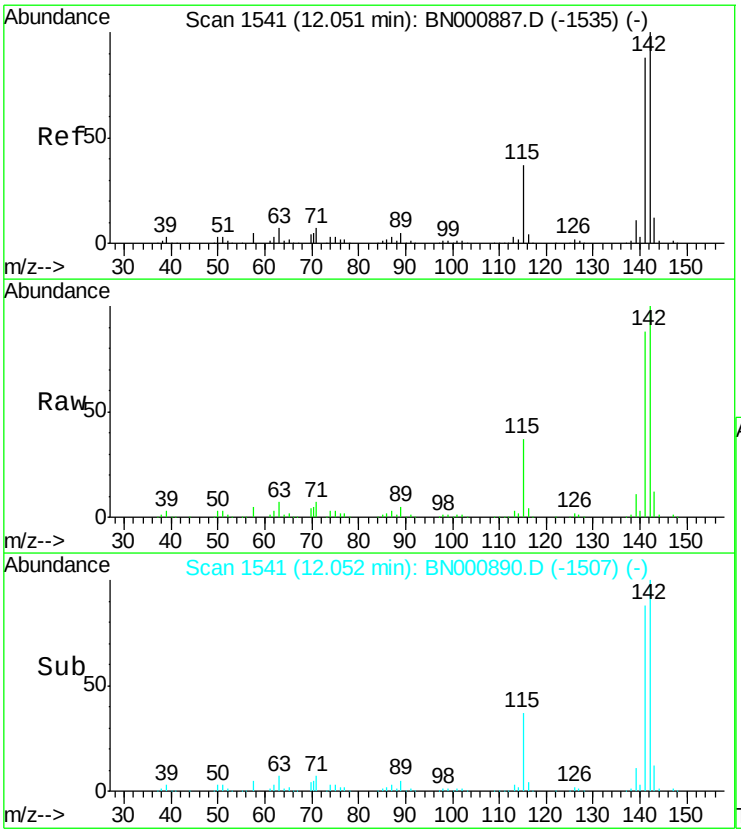
#3
Naphthalene
Concen: 20.362 ng/ul
RT: 10.44 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 795506

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.4	10.6	16.0

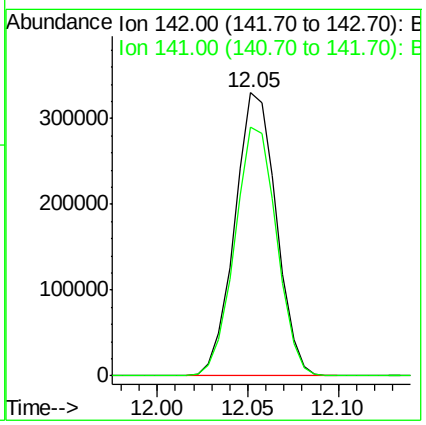


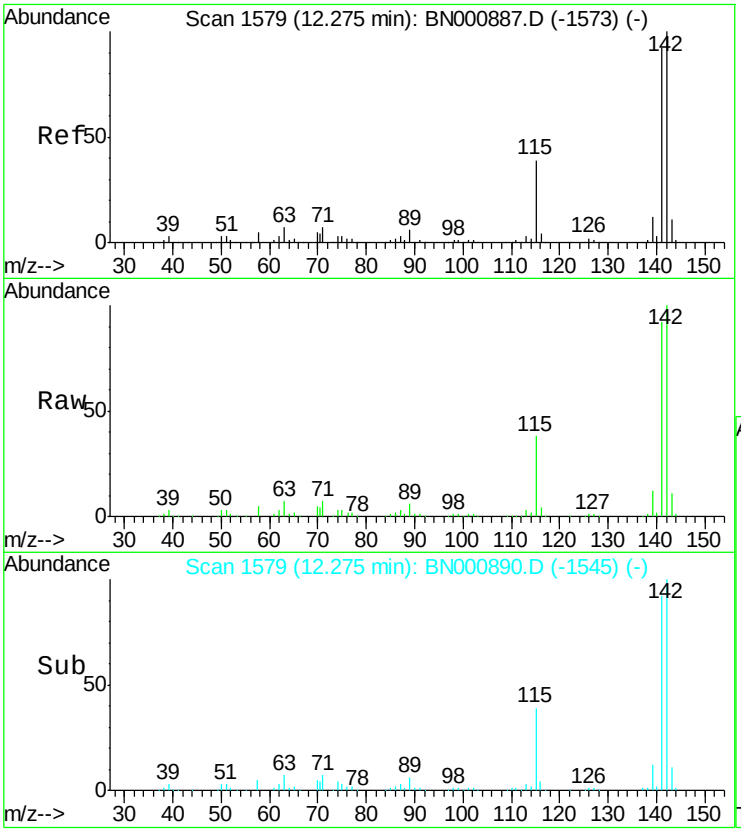


#4
2-Methylnaphthalene
Concen: 20.121 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Tgt Ion:142 Resp: 524482

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.7	109.1



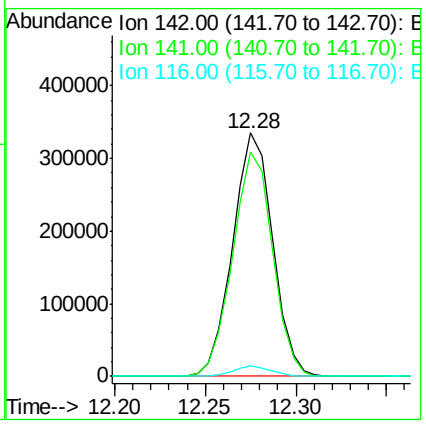


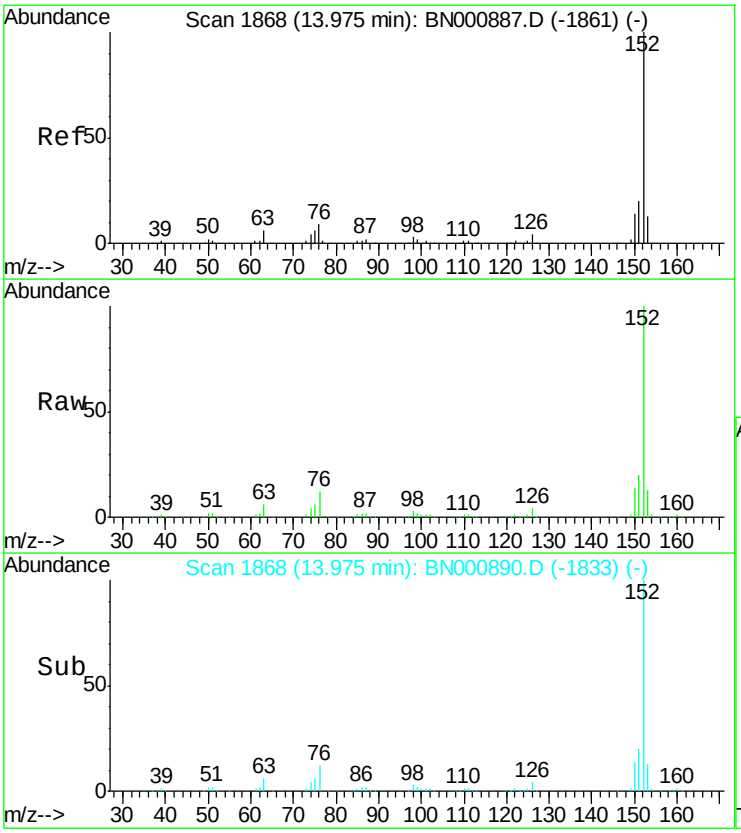
#5
1-Methylnaphthalene
Concen: 20.124 ng/ul
RT: 12.28 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 514512

Ion	Ratio	Lower	Upper
142	100		
141	92.3	79.3	118.9
116	4.3	4.2	6.2

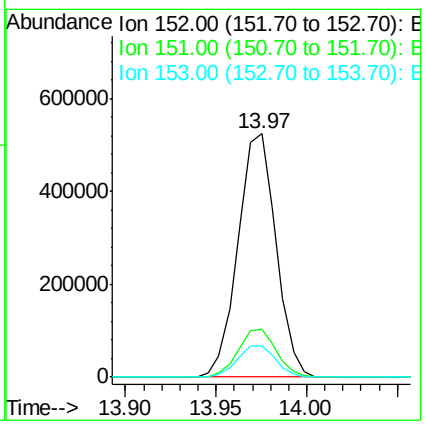


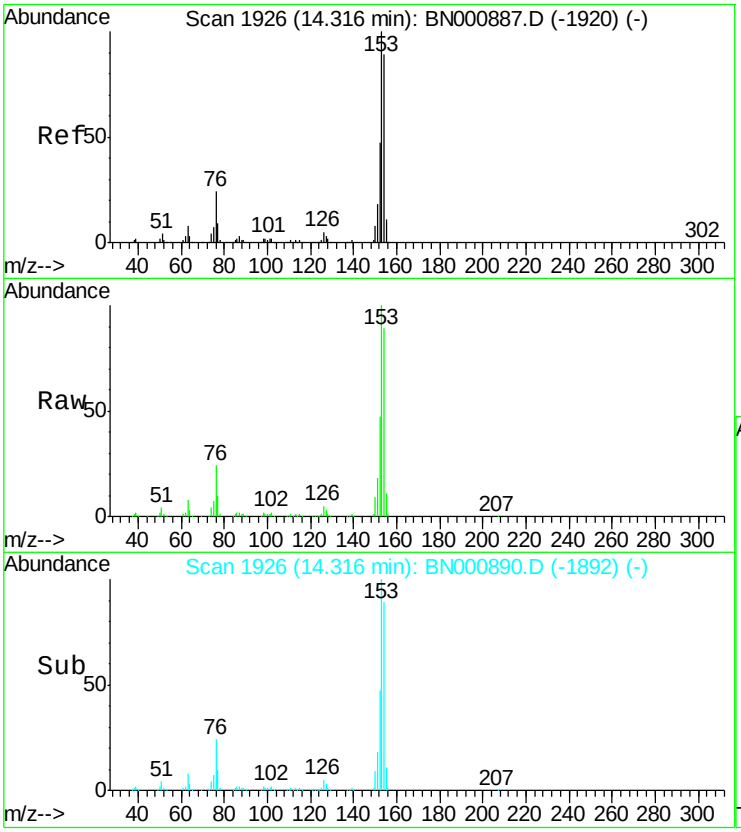


#8
Acenaphthylene
Concen: 20.858 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. 0.01 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Tgt Ion:152 Resp: 765587

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.7	25.1
153	12.7	10.2	15.4



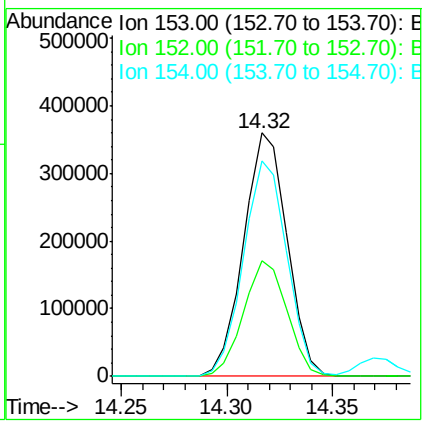


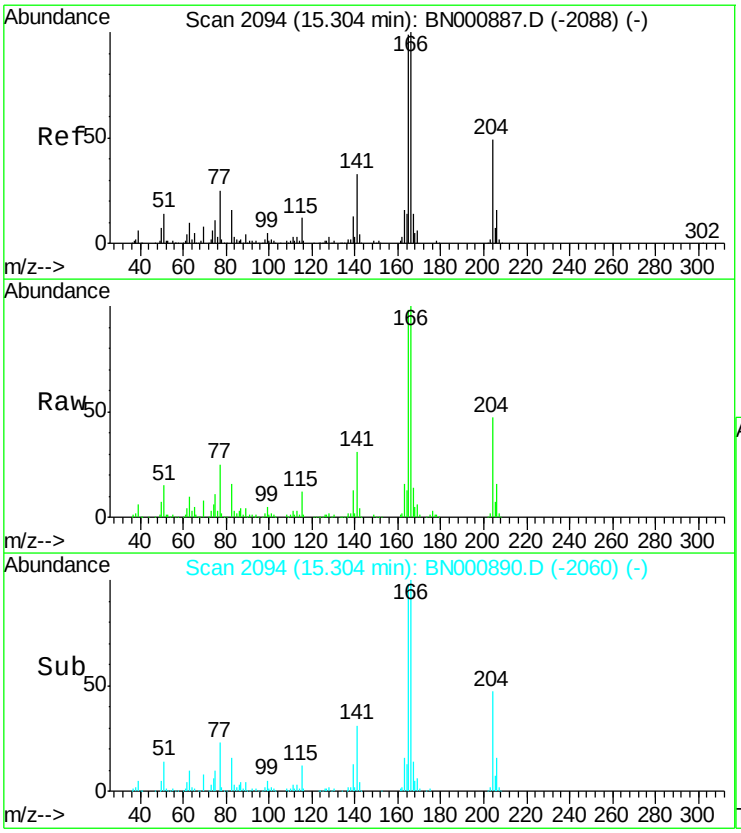
#9
Acenaphthene
Concen: 20.336 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 515721

Ion	Ratio	Lower	Upper
153	100		
152	47.3	39.0	58.6
154	88.5	66.8	100.2

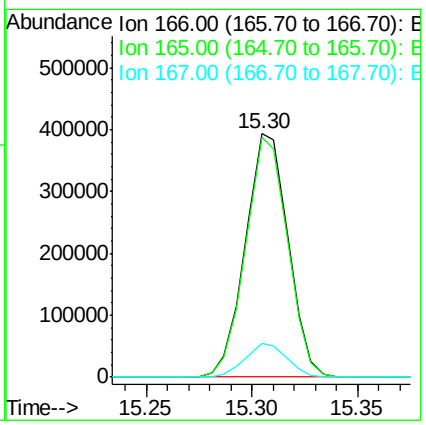


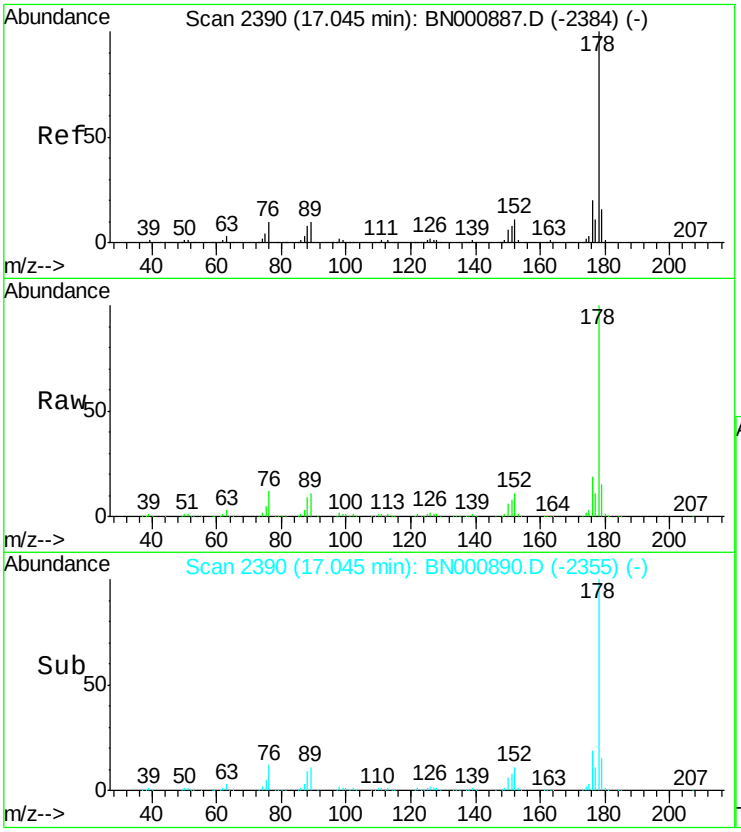


#11
Fluorene
Concen: 20.554 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Tgt Ion:166 Resp: 554876

Ion	Ratio	Lower	Upper
166	100		
165	98.2	83.8	125.8
167	13.8	11.5	17.3



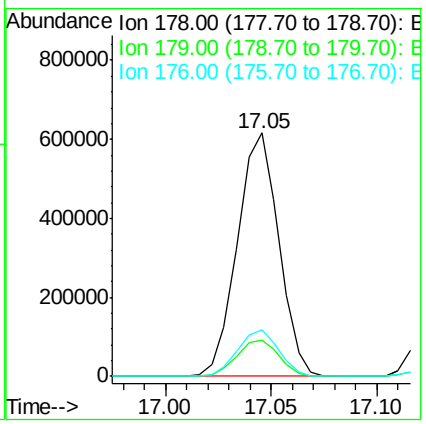


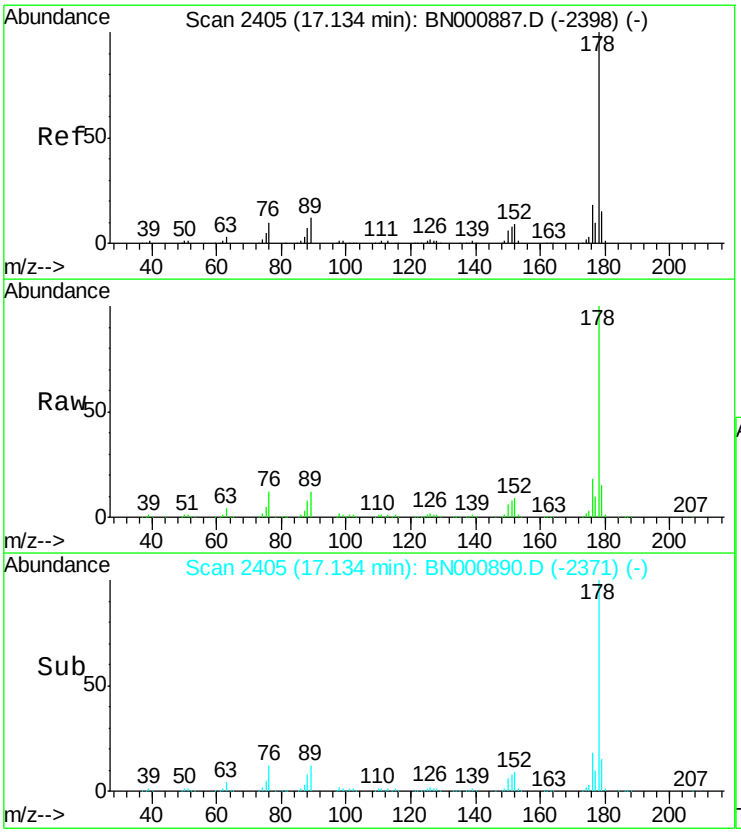
#13
Phenanthrene
Concen: 20.136 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 839222

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.8	15.1	22.7

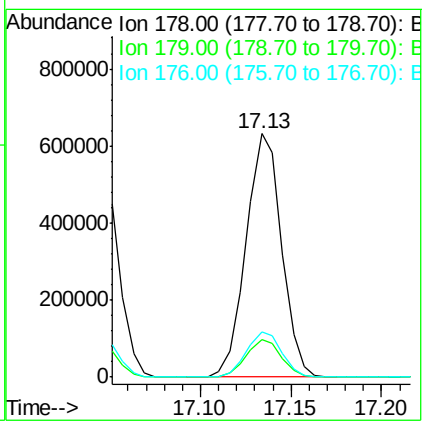


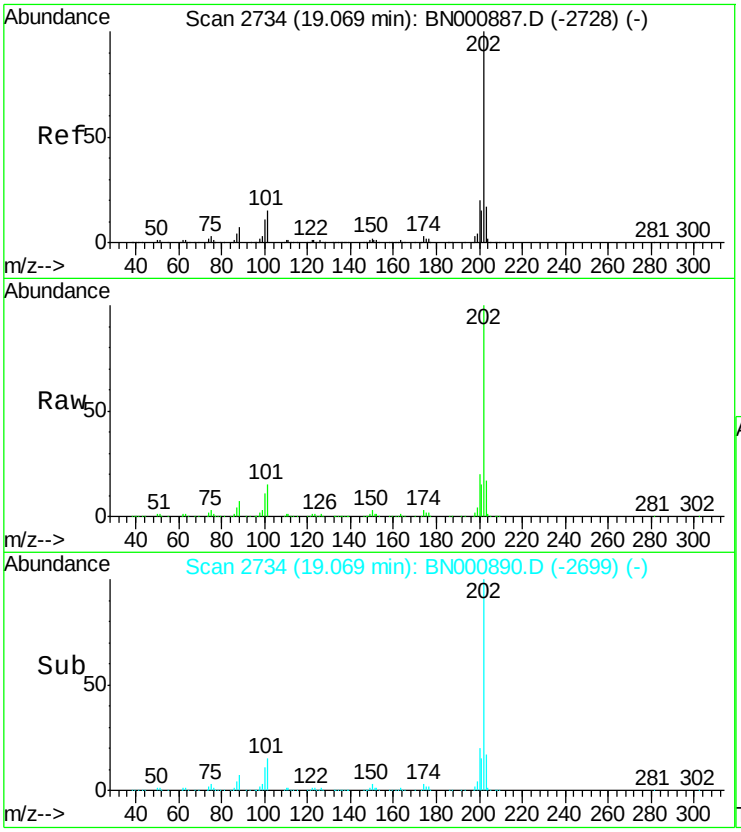


#15
Anthracene
Concen: 20.560 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Tgt Ion:178 Resp: 859474

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.3	15.2	22.8



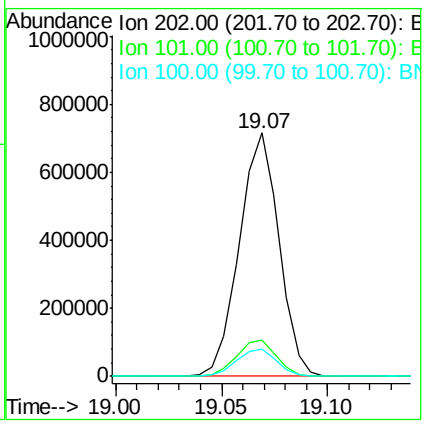


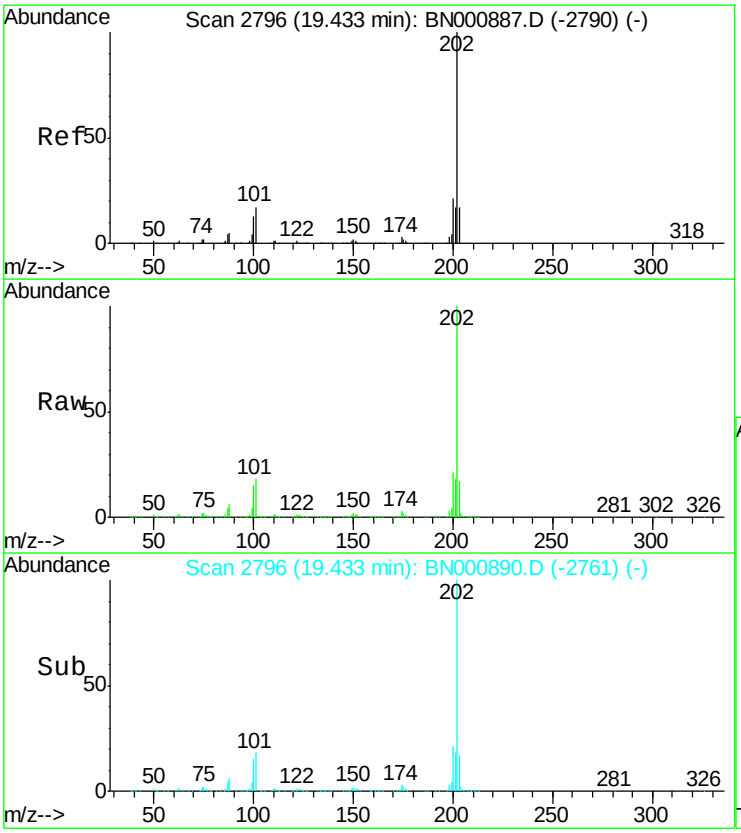
#16
Fluoranthene
Concen: 21.939 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. 0.01 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 927671

Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.9	14.9
100	11.2	7.4	11.0#

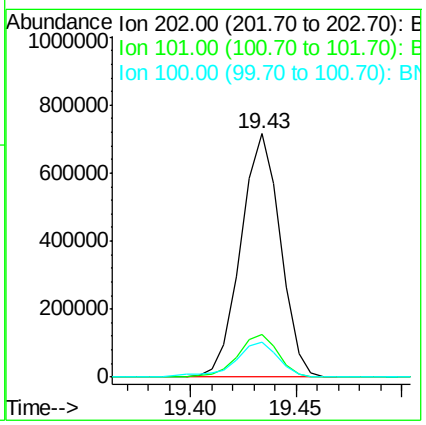


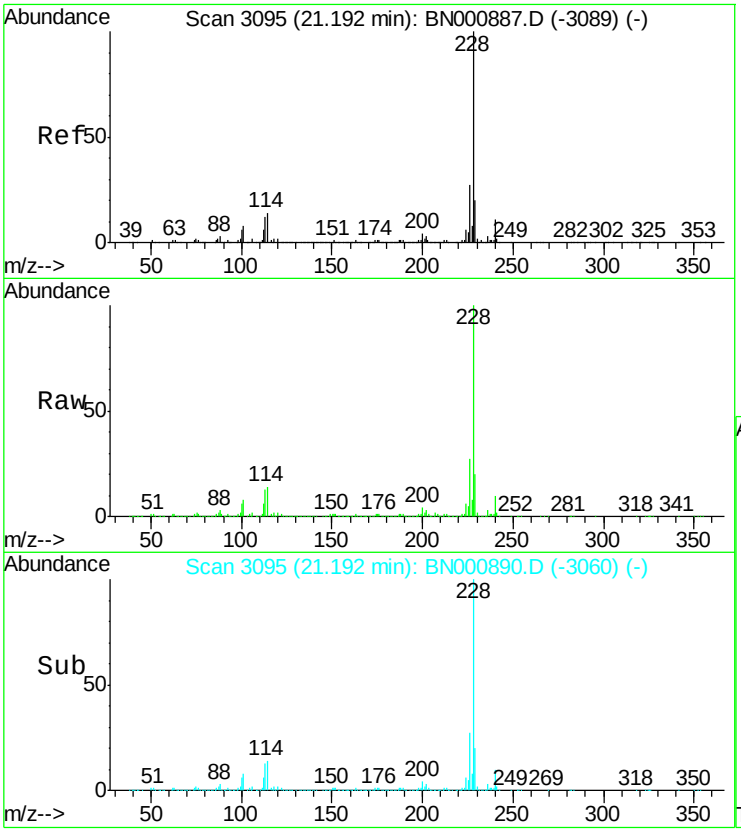


#19
Pyrene
Concen: 20.064 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Tgt Ion:202 Resp: 926349

Ion	Ratio	Lower	Upper
202	100		
101	17.7	11.0	16.4#
100	14.6	8.1	12.1#



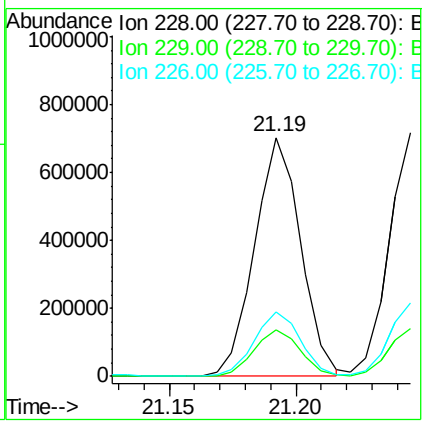


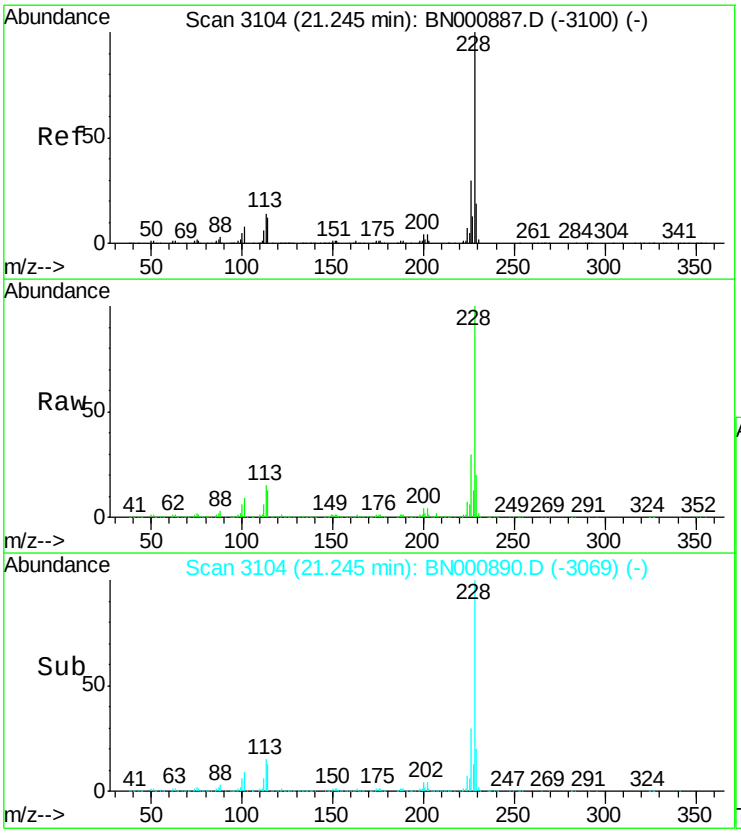
#20
Benzo(a)anthracene
Concen: 20.783 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 893006

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.2	21.1	31.7

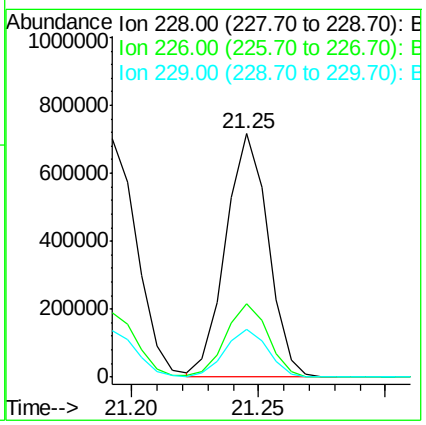


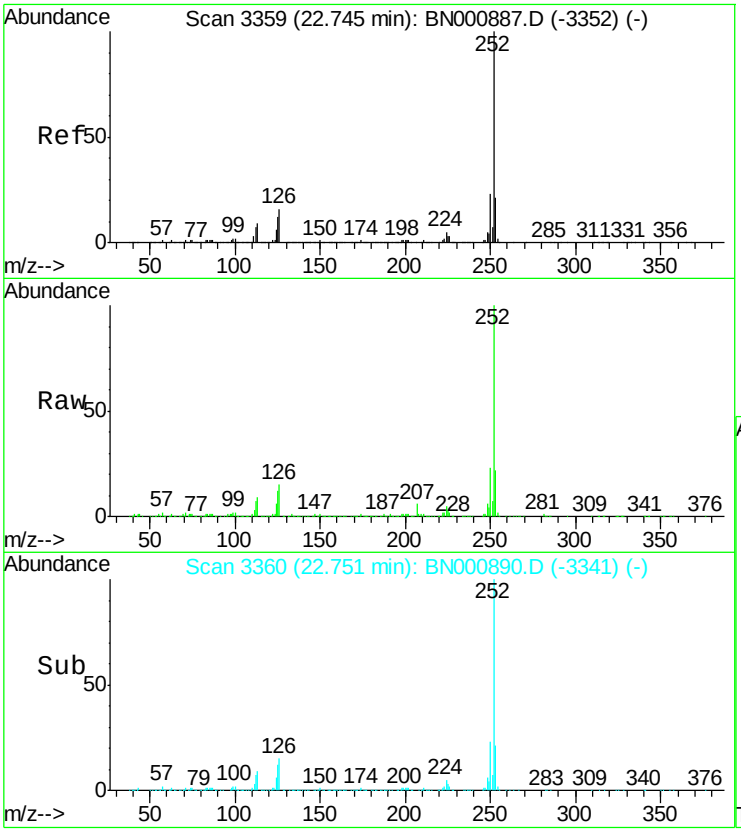


#21
Chrysene
Concen: 20.618 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Tgt Ion:228 Resp: 832657

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	19.7	15.8	23.8



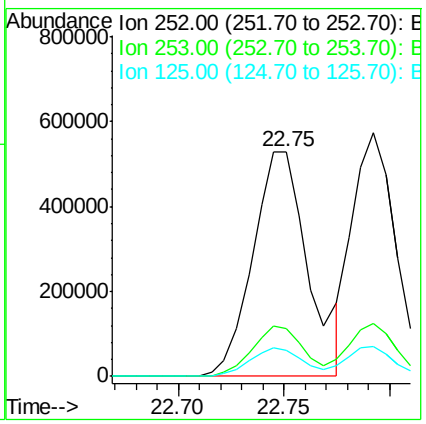


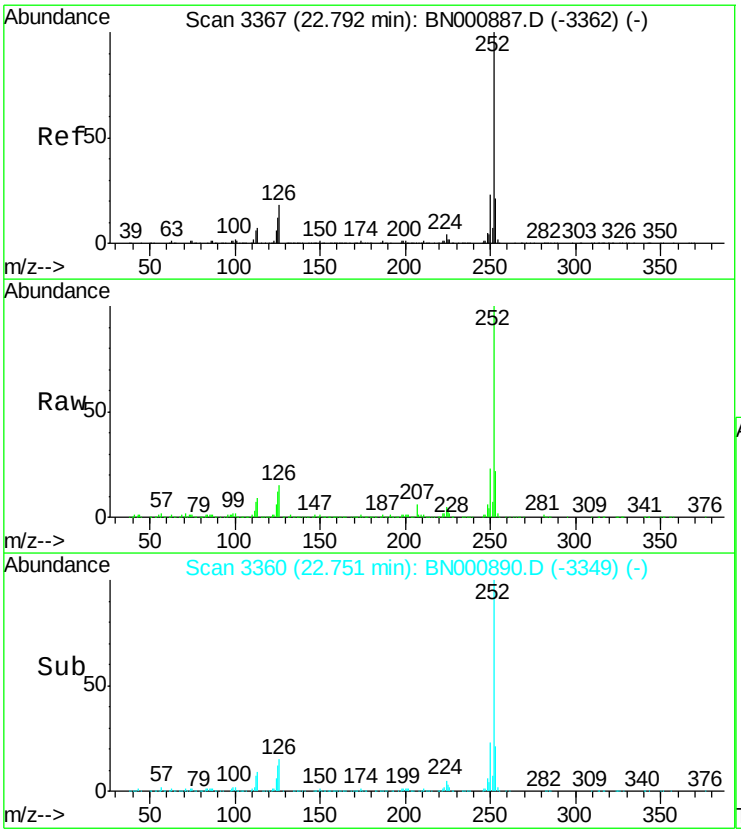
#23
Benzo(b)fluoranthene
Concen: 22.067 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 963221

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	11.7	8.0	12.0

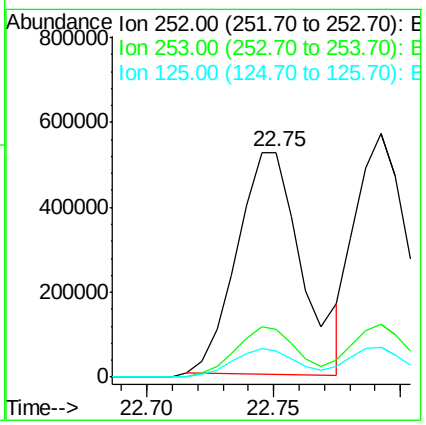


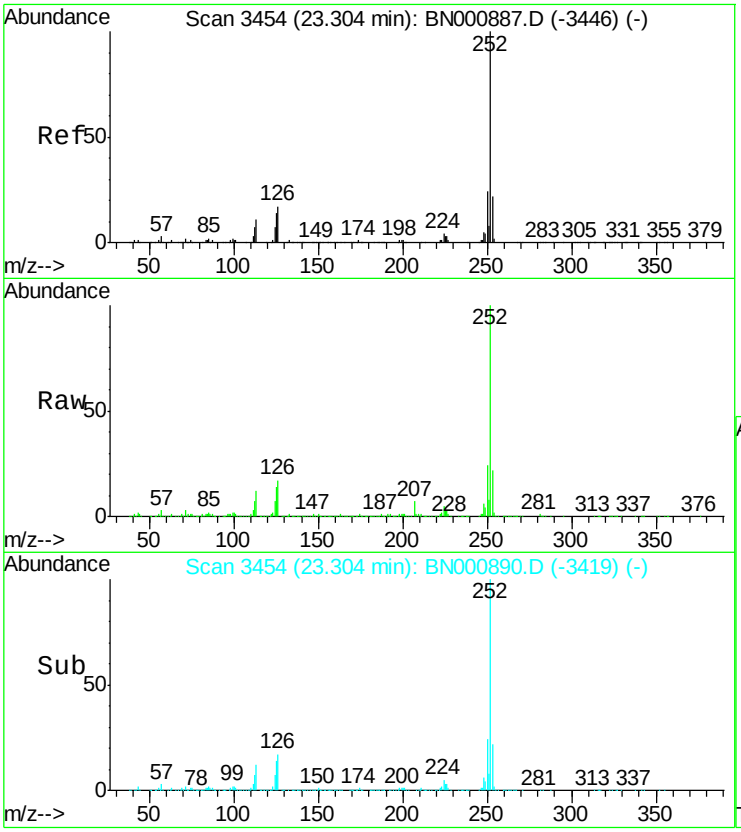


#24
Benzo(k)fluoranthene
Concen: 21.928 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Tgt Ion:252 Resp: 936592

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	11.7	8.1	12.1



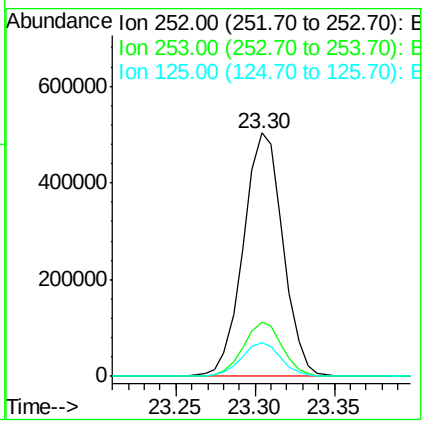


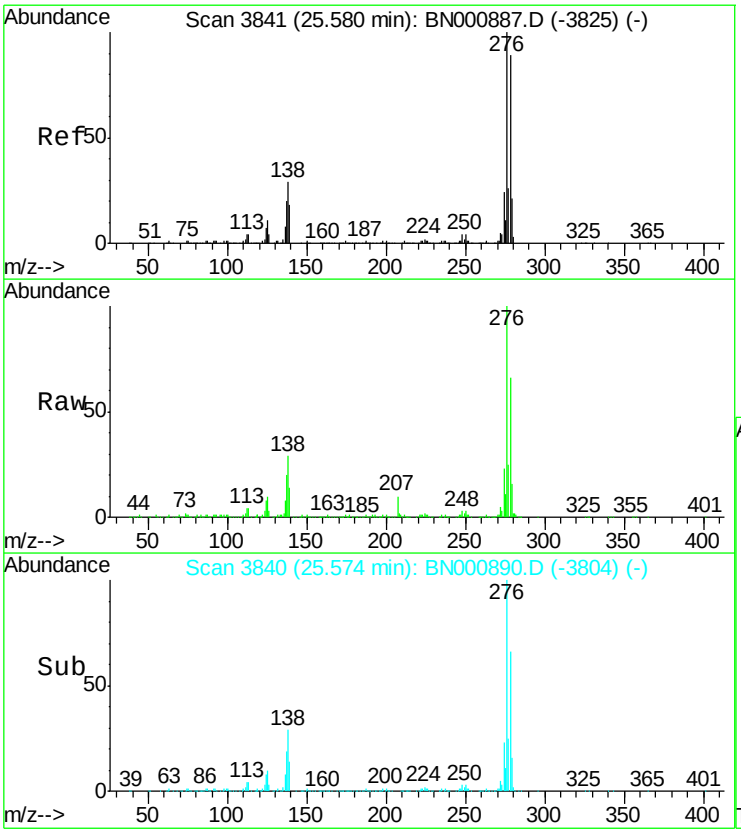
#26
Benzo(a)pyrene
Concen: 20.820 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 868529

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	13.9	8.2	12.4#

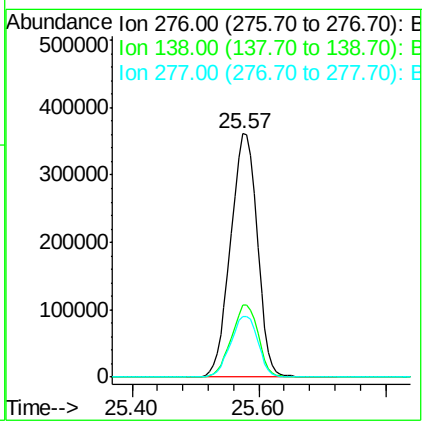


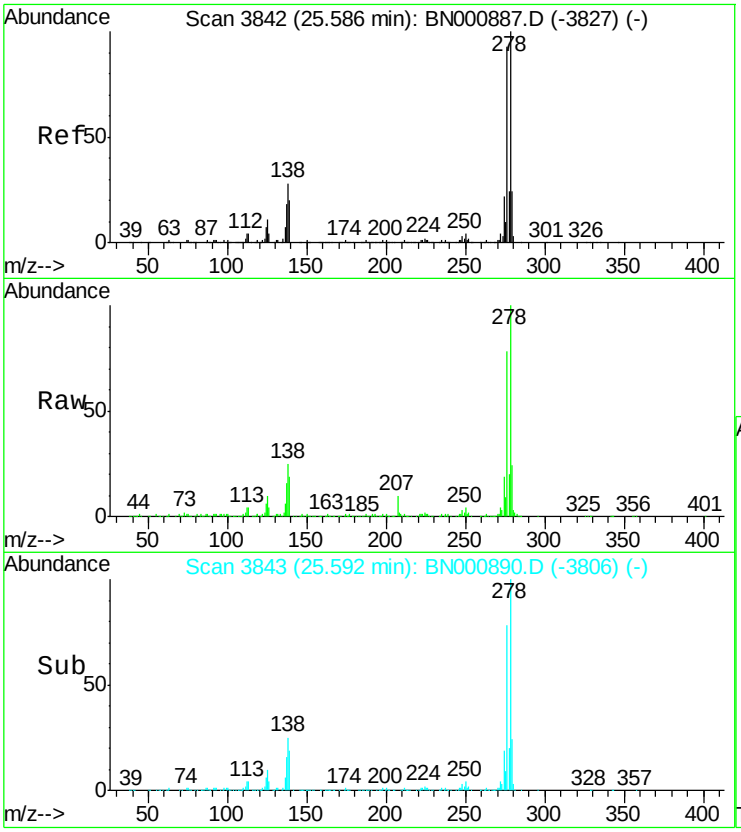


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.934 ng/ul
RT: 25.57 min Scan# 3840
Delta R.T. 0.01 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Tgt Ion:276 Resp: 1054765

Ion	Ratio	Lower	Upper
276	100		
138	29.4	14.4	21.6#
277	25.1	18.0	27.0



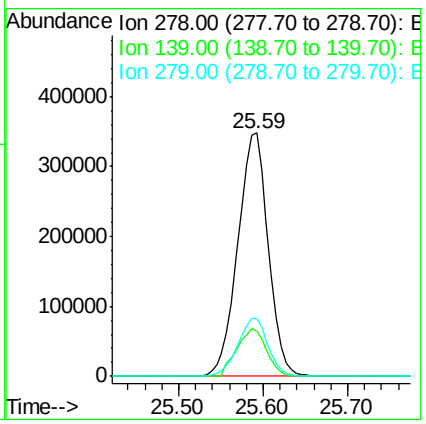


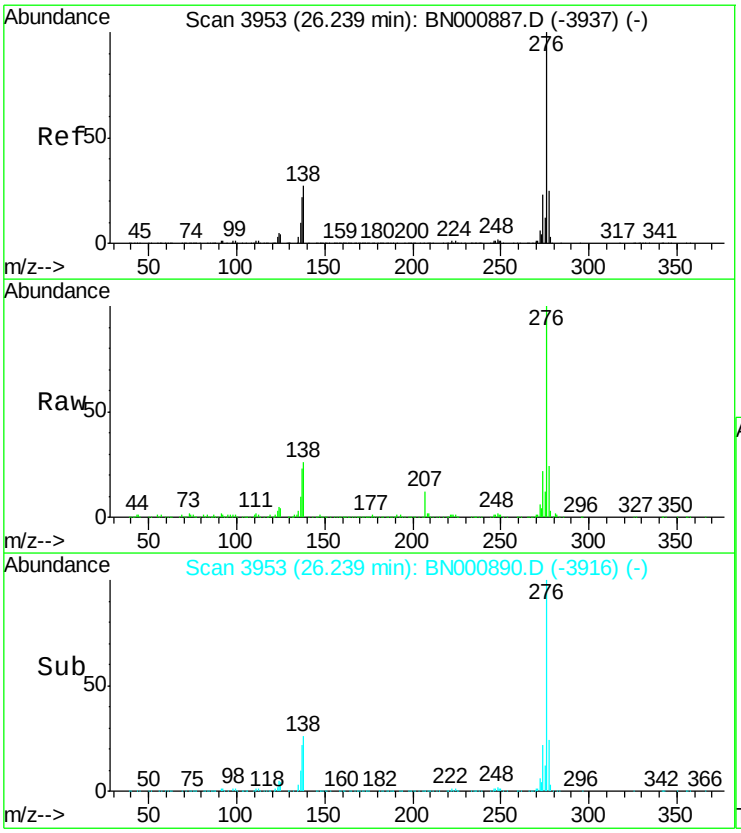
#28
Dibenzo(a,h)anthracene
Concen: 20.743 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.02 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 871048

Ion	Ratio	Lower	Upper
278	100		
139	18.7	12.2	18.4#
279	24.0	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 21.181 ng/ul
RT: 26.24 min Scan# 3953
Delta R.T. 0.02 min
Lab File: BN000890.D
Acq: 25 Apr 2018 14:09

Tgt Ion:276 Resp: 892609

Ion	Ratio	Lower	Upper
276	100		
138	25.7	15.3	22.9#
277	23.5	19.0	28.4