Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000830.D
Acq On : 23 Apr 2018 16:58
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 24 00:03:19 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 00:01:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	122156	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	518189	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	252081	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	482802	20.00	ng/ul	0.00
18) Chrysene-d12	21.20	240	438790	20.00	ng/ul	0.00
23) Perylene-d12	23.39	264	452724	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	154001	20.89	ng/ul	0.00
7) Acenaphthylene-d8	13.94	160	519733	21.42	ng/ul	0.00
10) Fluorene-d10	15.25	176	333252	20.50	ng/ul	0.00
15) Anthracene-d10	17.10	188	469646	21.04	ng/ul	0.00
19) Pyrene-d10	19.40	212	463542	20.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.26	264	451373	21.14	ng/ul	-0.01
Target Compounds						Qvalue
4) Naphthalene	10.43	128	540647	20.609	ng/ul	100
5) 2-Methylnaphthalene	12.05	142	355858	20.204	ng/ul	96
8) Acenaphthylene	13.97	152	510932	21.255	ng/ul	99
9) Acenaphthene	14.32	153	349028	21.025	ng/ul	99
11) Fluorene	15.30	166	371904	20.883	ng/ul	100
13) Pentachlorophenol	16.65	266	58491	20.049	ng/ul	97
14) Phenanthrene	17.04	178	549005	20.813	ng/ul	99
16) Anthracene	17.13	178	562236	21.080	ng/ul	99
17) Fluoranthene	19.06	202	564682	21.775	ng/ul#	73
20) Pyrene	19.43	202	585629	21.081	ng/ul#	68
21) Benzo(a)anthracene	21.19	228	548018	20.963	ng/ul	100
22) Chrysene	21.24	228	517851	20.945	ng/ul	99
24) Benzo(b)fluoranthene	22.74	252	545886	20.847	ng/ul#	95
25) Benzo(k)fluoranthene	22.79	252	513424	20.313	ng/ul#	95
27) Benzo(a)pyrene	23.30	252	523287	20.883	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	25.57	276	617141	22.053	ng/ul#	83
29) Dibenzo(a,h)anthracene	25.58	278	516976	22.089	ng/ul#	90
30) Benzo(g,h,i)perylene	26.23	276	513643	22.166	ng/ul#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
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Acq On : 23 Apr 2018 16:58
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Sample : SSTDCCC020
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Instrument :
BNA_N
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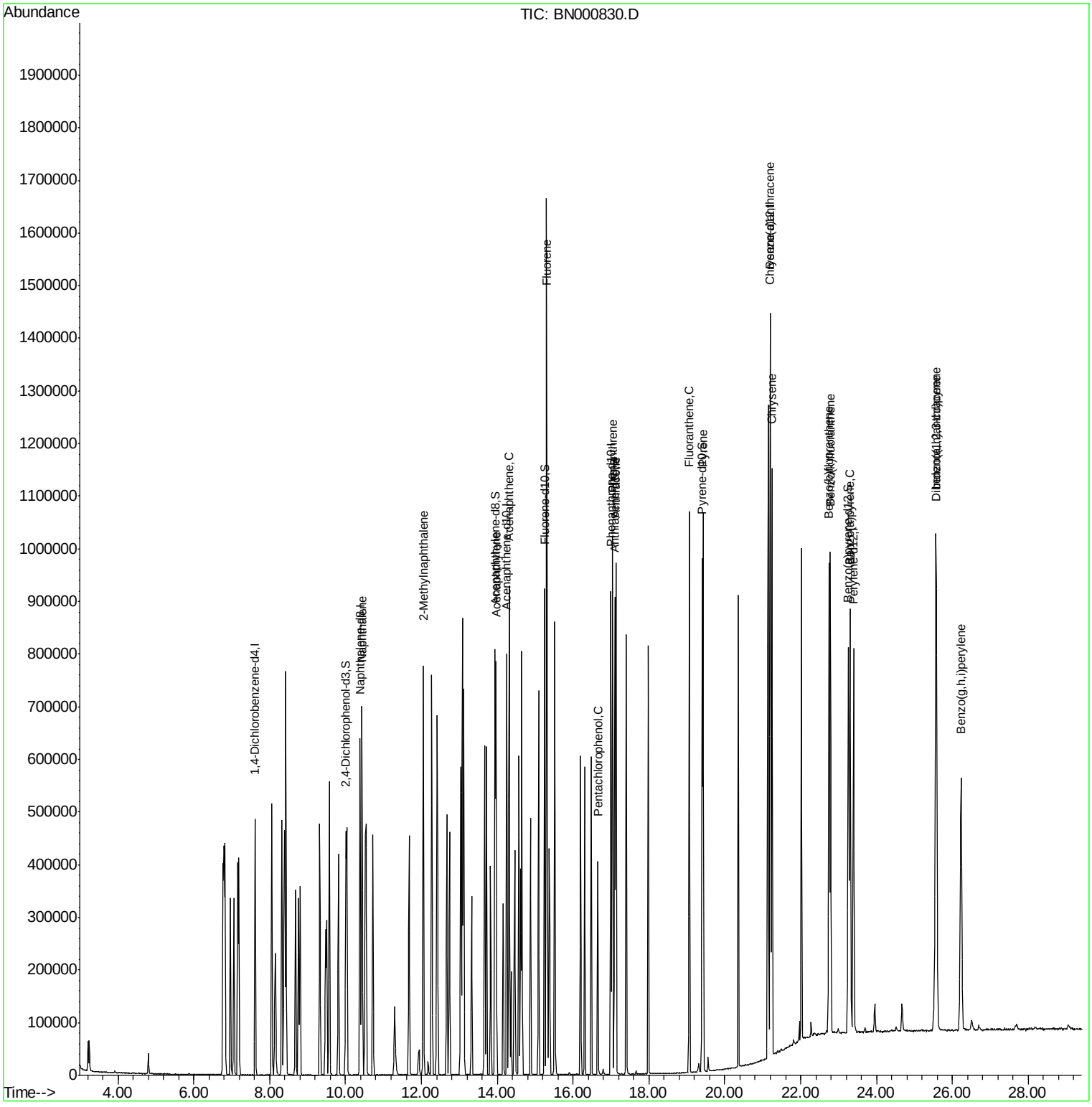
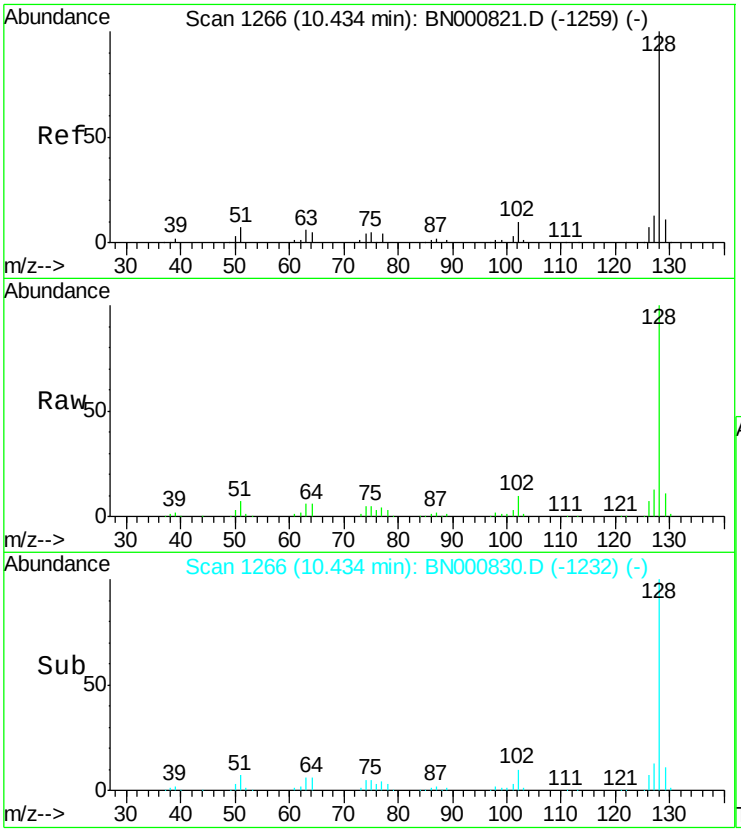


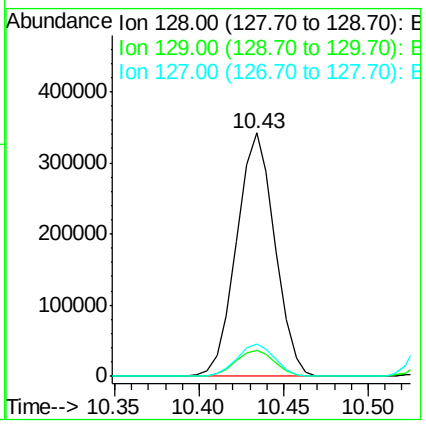


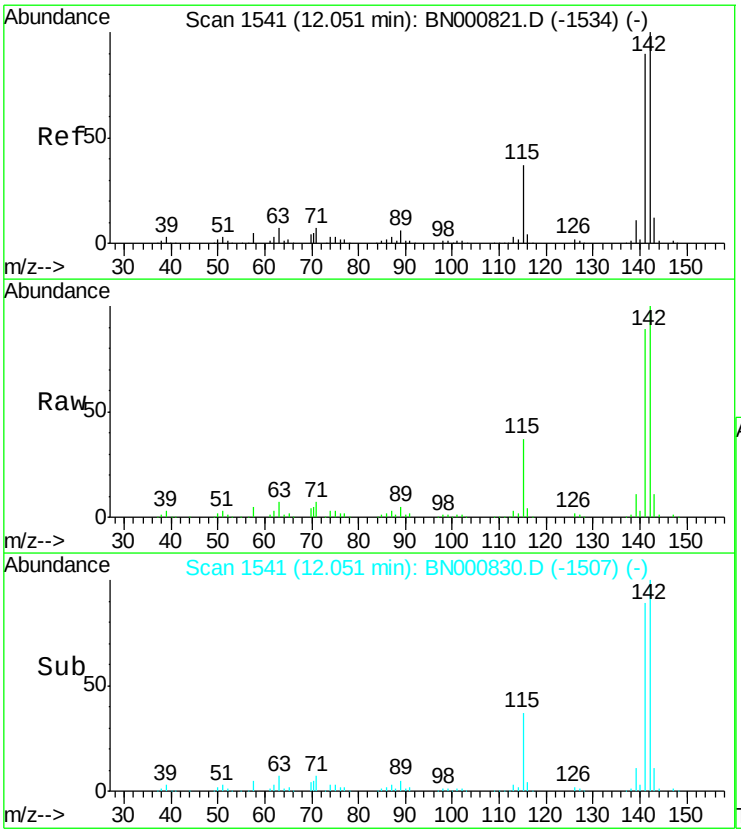
#4
Naphthalene
Concen: 20.609 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 540647

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.2	10.6	16.0

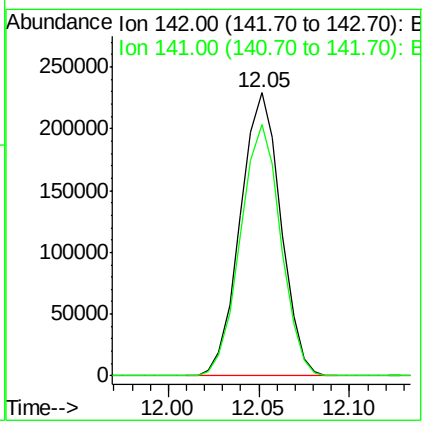


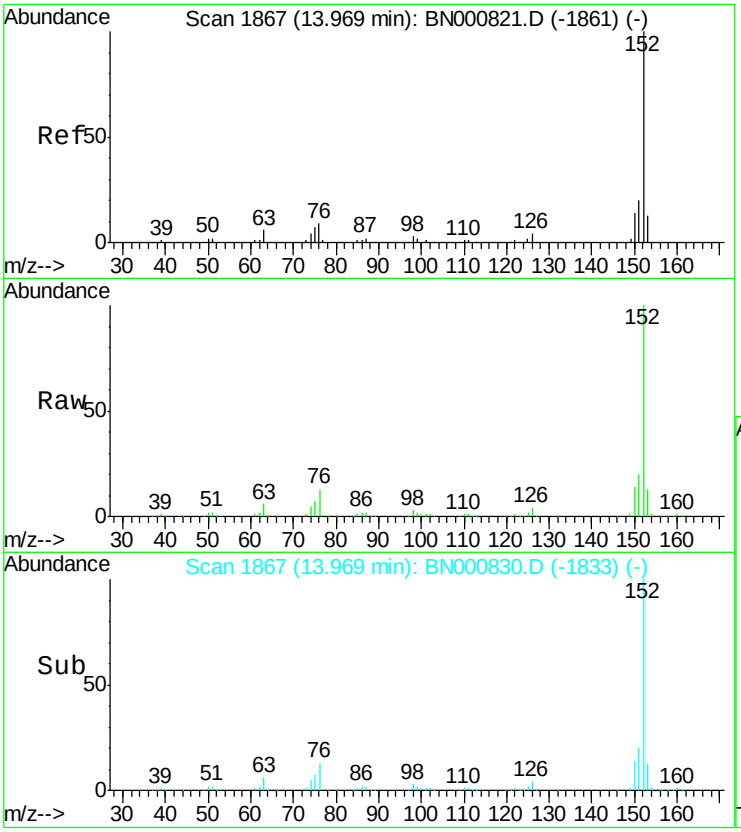


#5
2-Methylnaphthalene
Concen: 20.204 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Tgt Ion:142 Resp: 355858

Ion	Ratio	Lower	Upper
142	100		
141	88.9	74.1	111.1



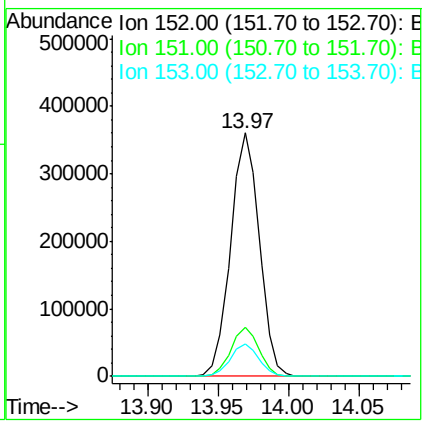


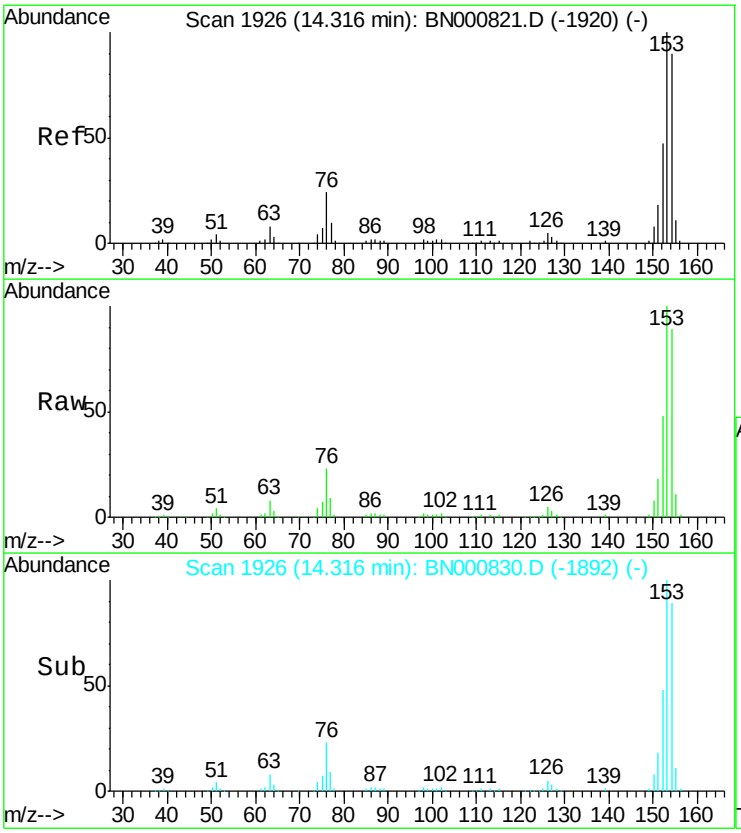
#8
Acenaphthylene
Concen: 21.255 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 510932

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.4	10.2	15.4

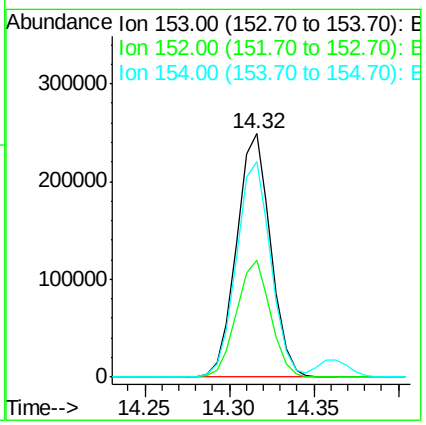


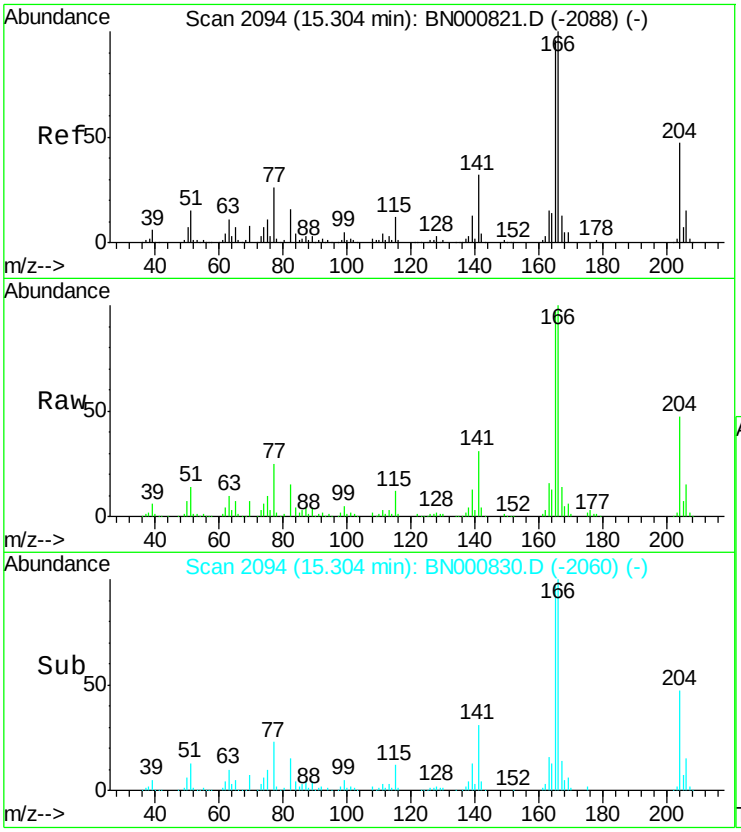


#9
Acenaphthene
Concen: 21.025 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Tgt Ion:153 Resp: 349028

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.6	56.4
154	88.7	70.4	105.6



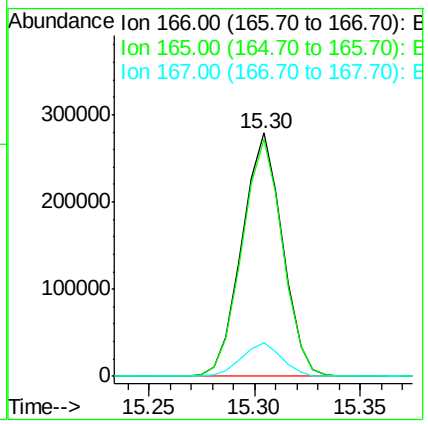


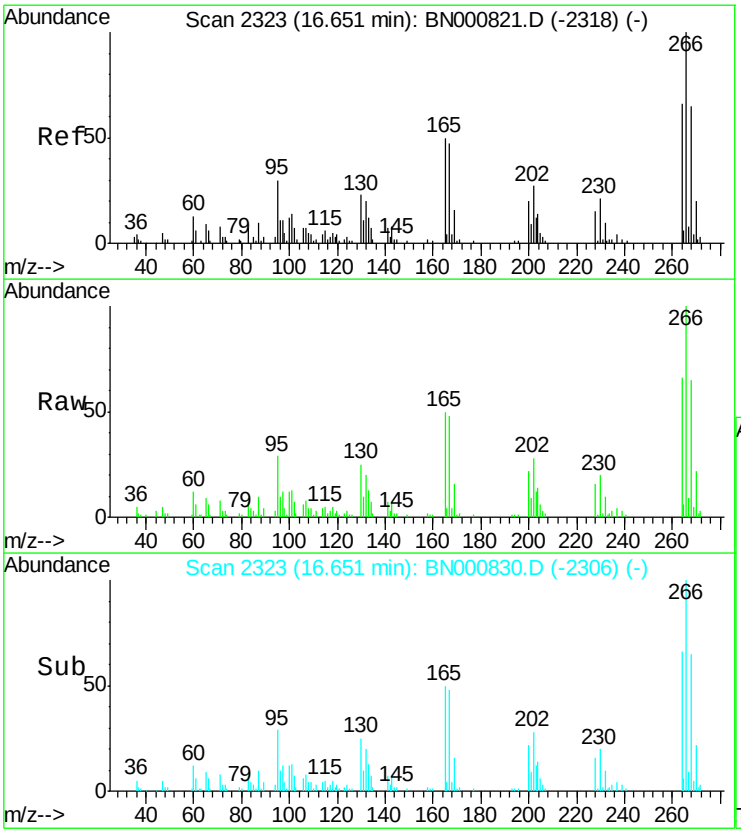
#11
Fluorene
Concen: 20.883 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 371904

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.9	116.9
167	13.6	10.6	16.0

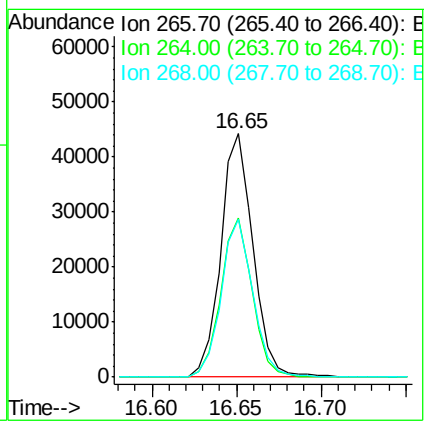


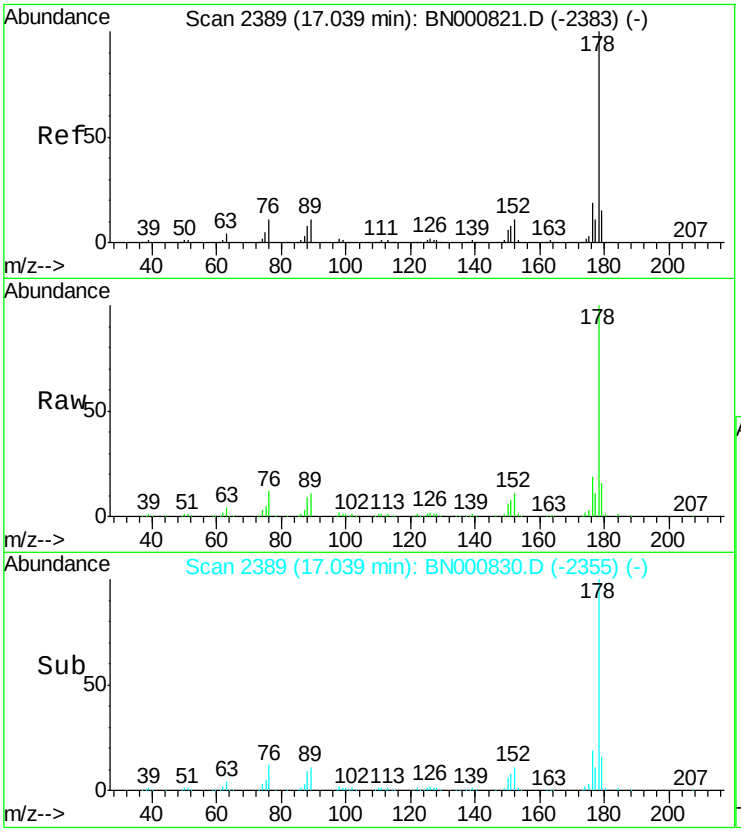


#13
Pentachlorophenol
Concen: 20.049 ng/ul
RT: 16.65 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Tgt Ion:266 Resp: 58491

Ion	Ratio	Lower	Upper
266	100		
264	65.5	49.3	73.9
268	64.8	52.6	78.8



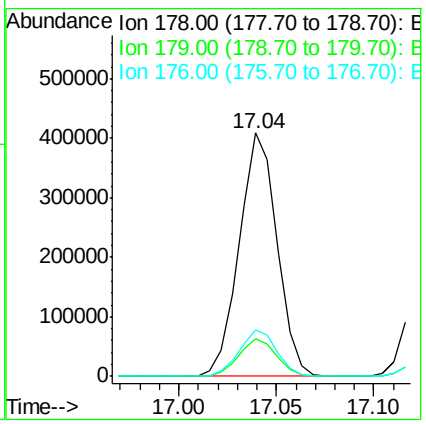


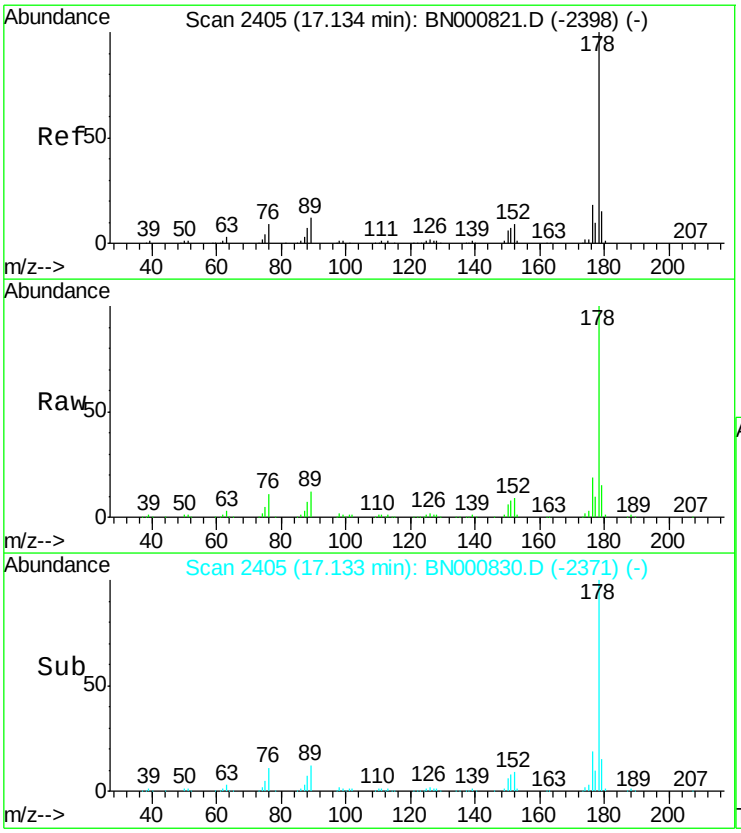
#14
Phenanthrene
Concen: 20.813 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 549005

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.1	14.9	22.3

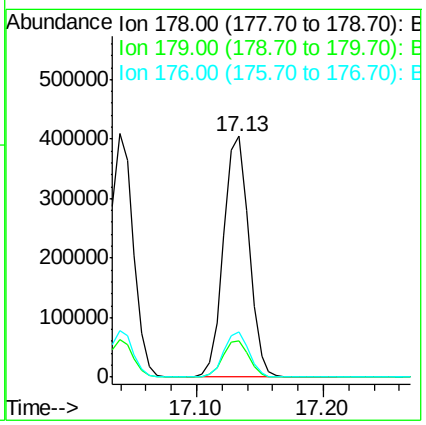


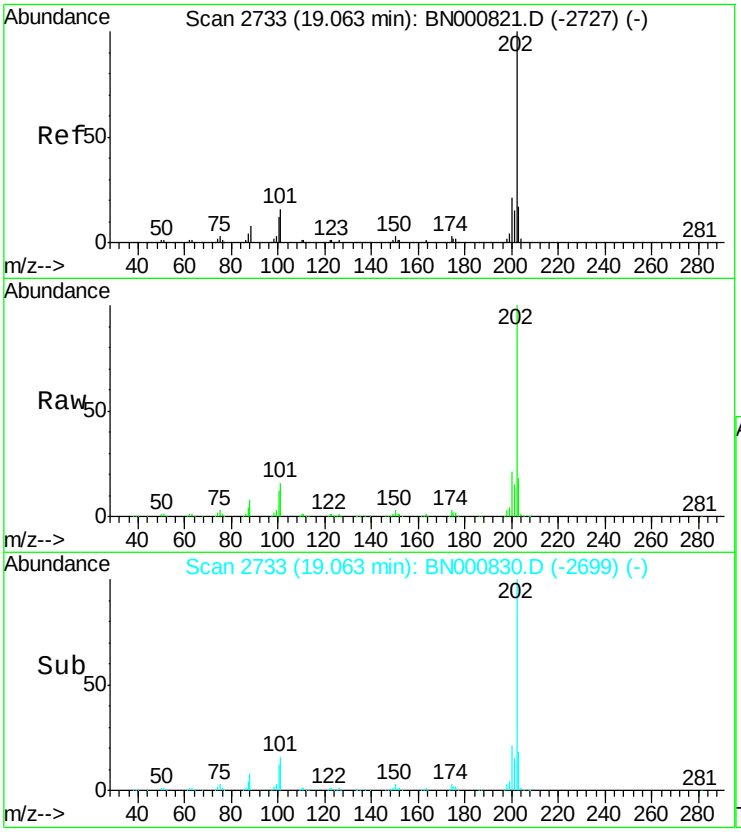


#16
Anthracene
Concen: 21.080 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Tgt Ion:178 Resp: 562236

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.6	14.6	21.8



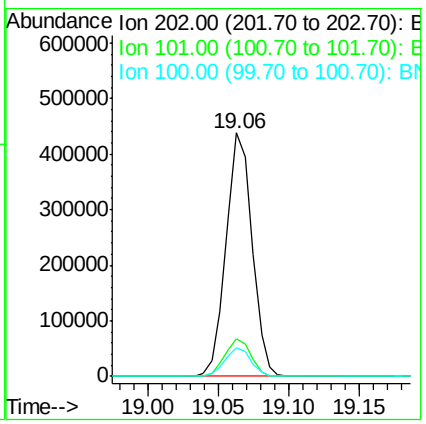


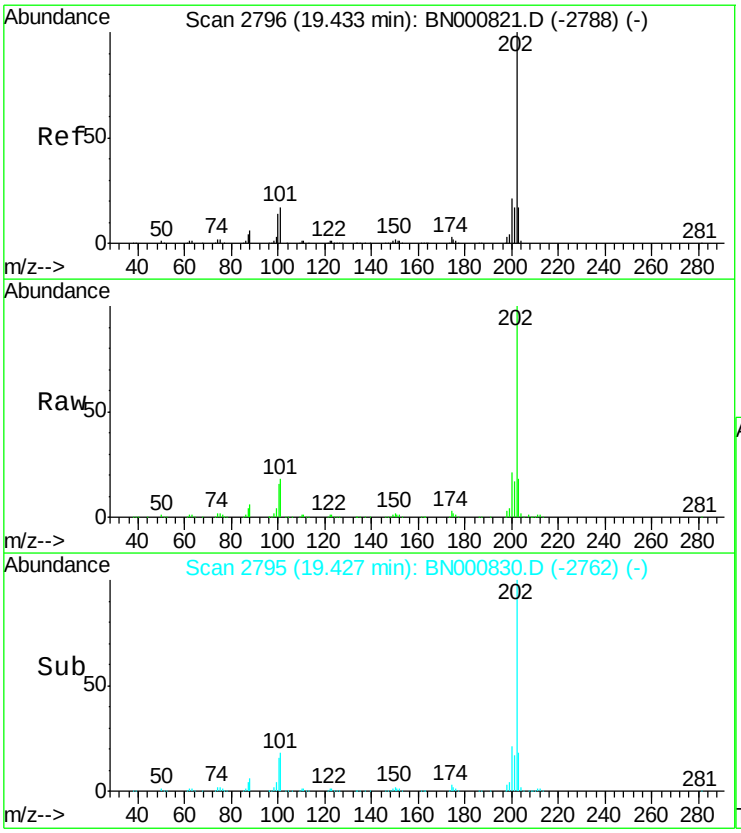
#17
Fluoranthene
Concen: 21.775 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 564682

Ion	Ratio	Lower	Upper
202	100		
101	15.6	4.6	7.0#
100	11.9	3.4	5.2#

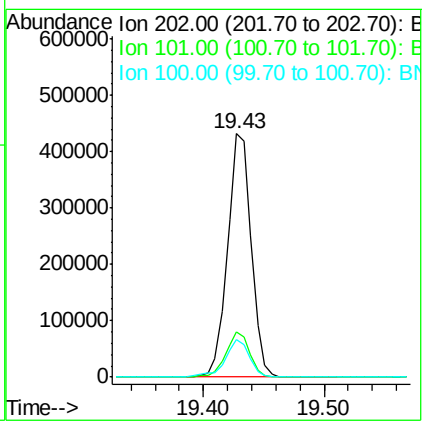


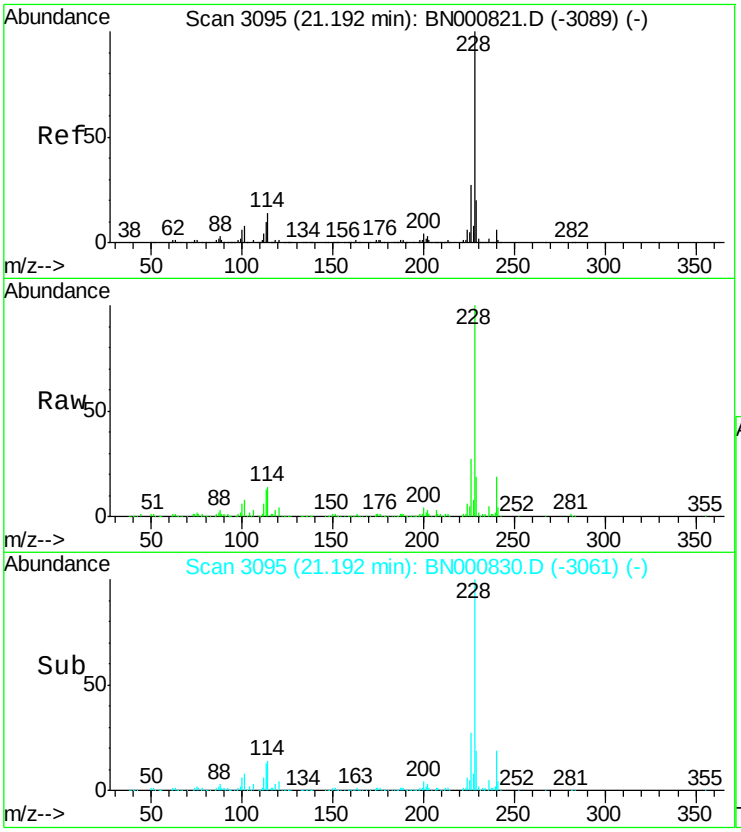


#20
Pyrene
Concen: 21.081 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Tgt Ion:202 Resp: 585629

Ion	Ratio	Lower	Upper
202	100		
101	18.4	5.1	7.7#
100	15.5	4.9	7.3#



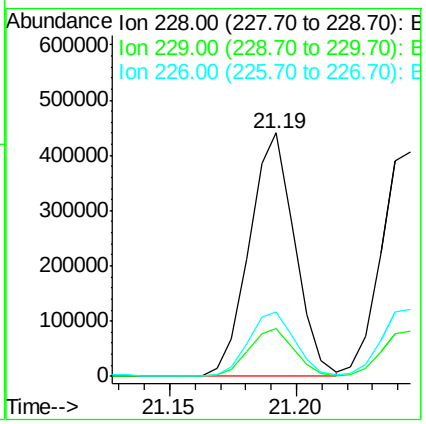


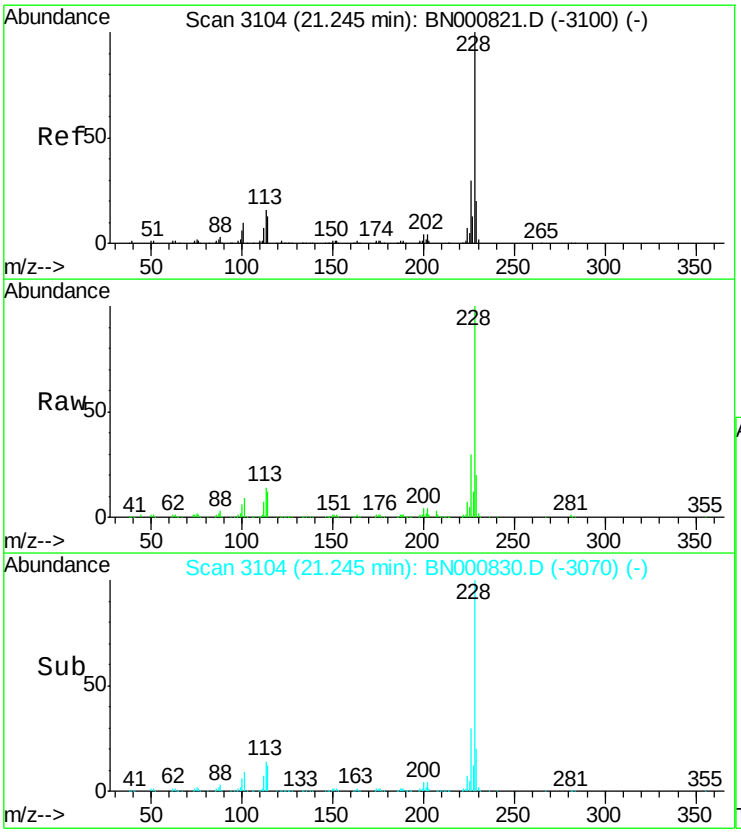
#21
Benzo(a)anthracene
Concen: 20.963 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 548018

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.4	23.0
226	26.6	21.4	32.0

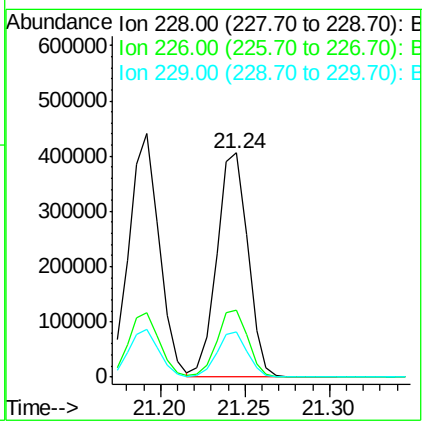


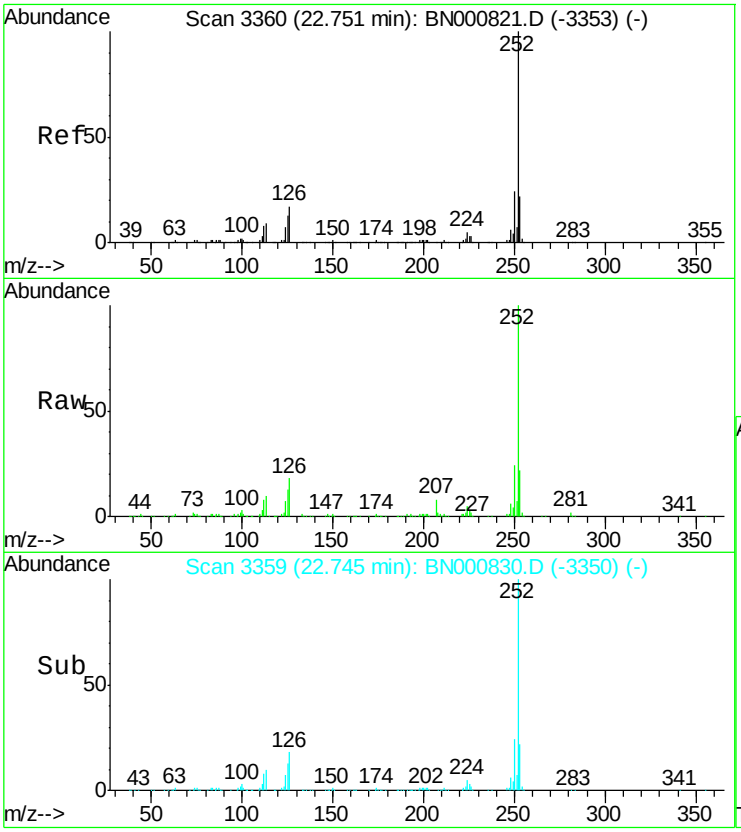


#22
Chrysene
Concen: 20.945 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Tgt Ion:228 Resp: 517851

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	19.9	15.5	23.3



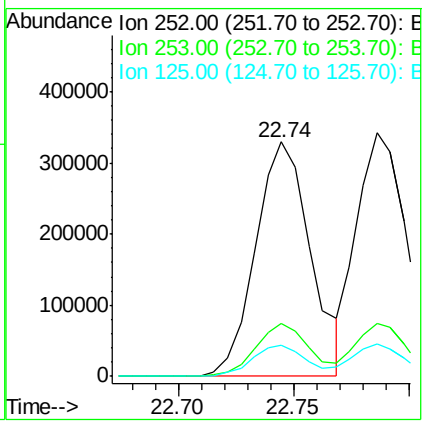


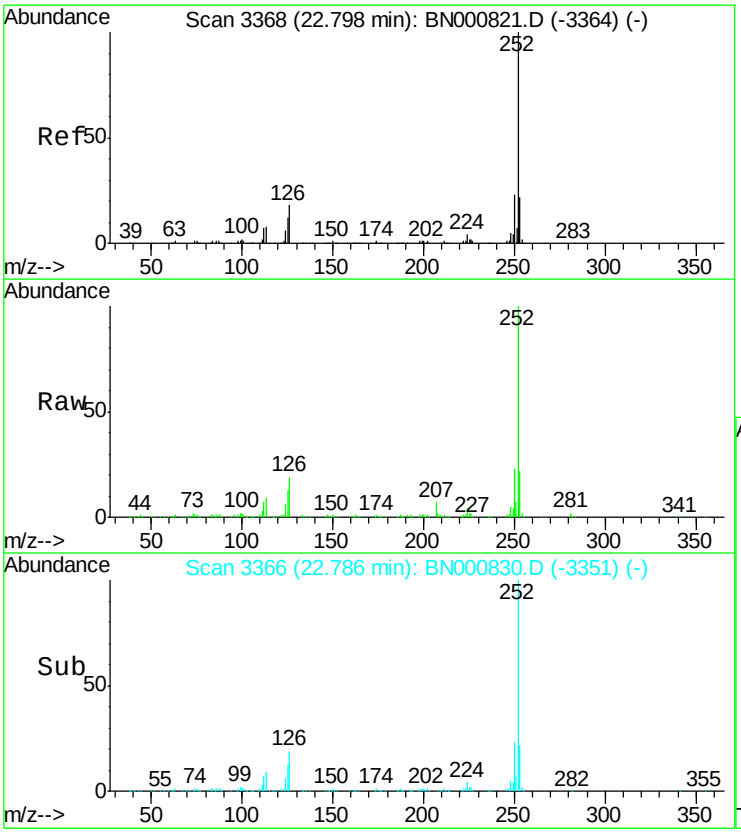
#24
Benzo(b)fluoranthene
Concen: 20.847 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 545886

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	13.5	3.6	5.4#

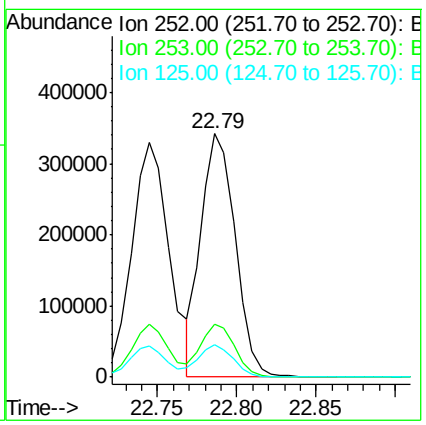


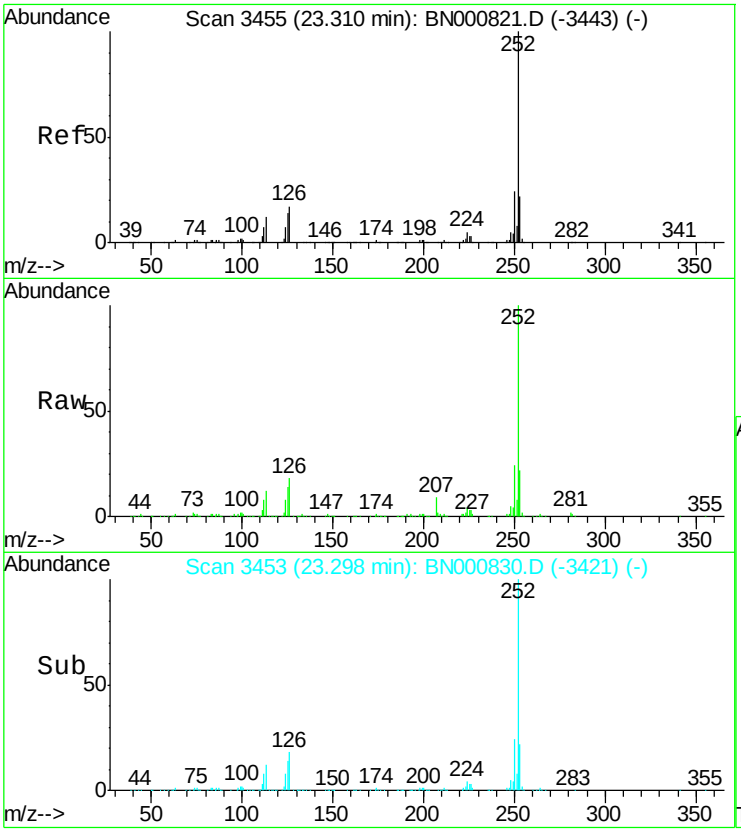


#25
Benzo(k)fluoranthene
Concen: 20.313 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Tgt Ion:252 Resp: 513424

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.4	3.4	5.2#



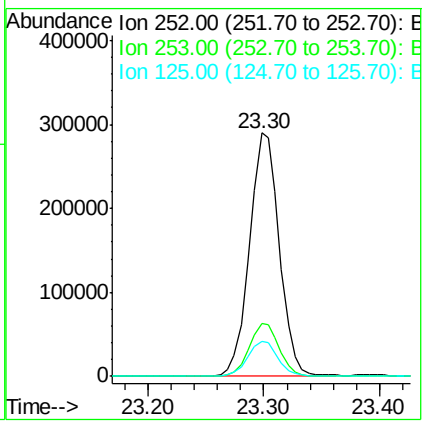


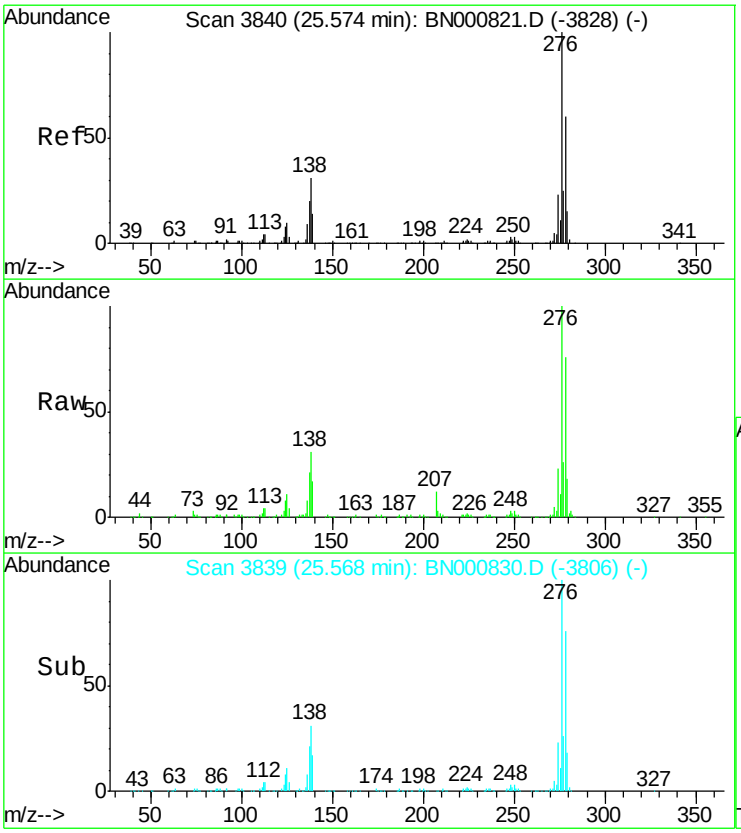
#27
Benzo(a)pyrene
Concen: 20.883 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 523287

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	14.3	4.0	6.0#

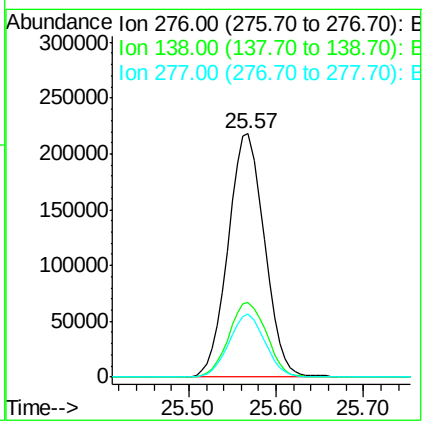


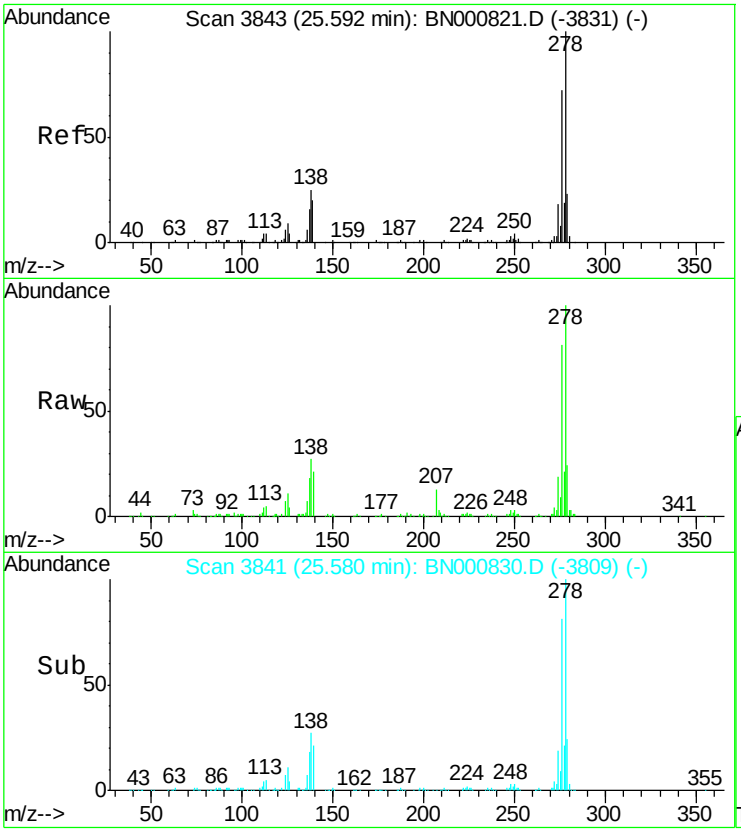


#28
Indeno(1,2,3-cd)pyrene
Concen: 22.053 ng/ul
RT: 25.57 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Tgt Ion:276 Resp: 617141

Ion	Ratio	Lower	Upper
276	100		
138	30.9	9.3	13.9#
277	25.7	19.9	29.9



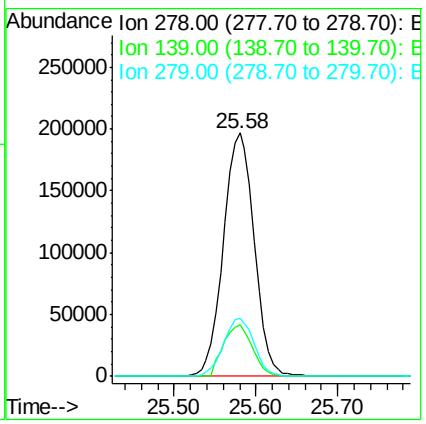


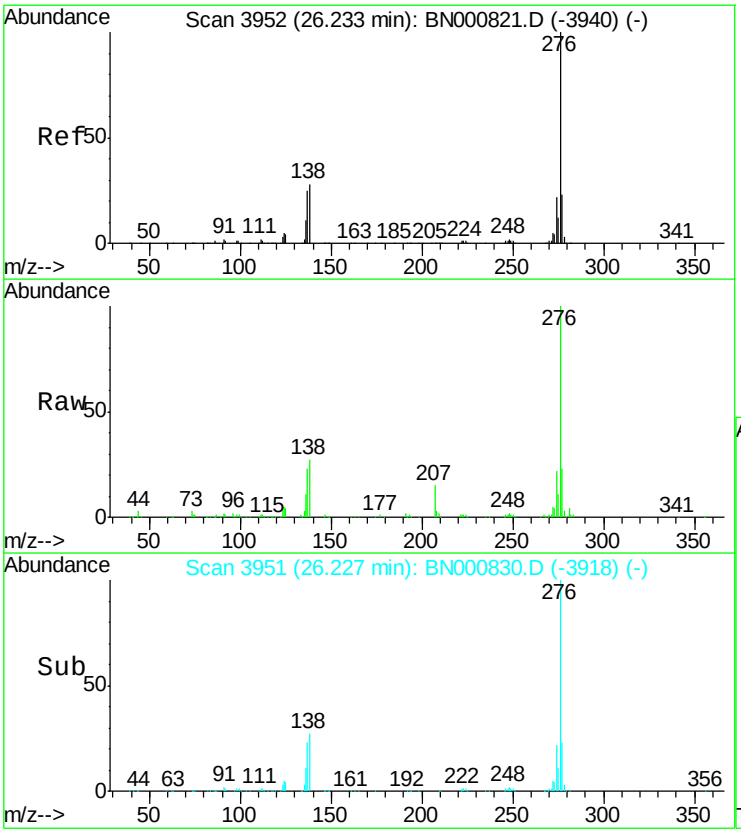
#29
Dibenzo(a,h)anthracene
Concen: 22.089 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. -0.01 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 516976

Ion	Ratio	Lower	Upper
278	100		
139	21.0	5.8	8.8#
279	23.8	18.6	27.8





#30
Benzo(g,h,i)perylene
Concen: 22.166 ng/ul
RT: 26.23 min Scan# 3951
Delta R.T. -0.01 min
Lab File: BN000830.D
Acq: 23 Apr 2018 16:58

Tgt Ion:276 Resp: 513643

Ion	Ratio	Lower	Upper
276	100		
138	27.4	8.5	12.7#
277	23.3	18.6	28.0