Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
Data File : BN000928.D
Acq On : 26 Apr 2018 12:48
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 27 07:43:18 2018
Quant Method : Z:\HPCHEM1\BNA N\Methods\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	167438	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	665735	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	322916	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	634645	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	604777	20.00	ng/ul	0.01
22) Perylene-d12	23.42	264	647426	20.00	ng/ul	0.03
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	649770	20.95	ng/ul	0.01
10) Fluorene-d10	15.26	176	422145	20.39	ng/ul	0.00
14) Anthracene-d10	17.11	188	608498	20.97	ng/ul	0.01
18) Pyrene-d10	19.42	212	635976	20.52	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.28	264	644979	21.09	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.45	128	682124	20.330	ng/ul	100
4) 2-Methylnaphthalene	12.06	142	443851	19.827	ng/ul	98
5) 1-Methylnaphthalene	12.28	142	432856	19.714	ng/ul#	93
8) Acenaphthylene	13.98	152	629380	20.505	ng/ul	98
9) Acenaphthene	14.33	153	431346	20.339	ng/ul	96
11) Fluorene	15.32	166	457496	20.264	ng/ul	93
13) Phenanthrene	17.05	178	700390	20.234	ng/ul	100
15) Anthracene	17.15	178	709898	20.447	ng/ul	98
16) Fluoranthene	19.08	202	782104	22.270	ng/ul	96
19) Pyrene	19.44	202	787630	20.276	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	749313	20.727	ng/ul	99
21) Chrysene	21.26	228	691887	20.362	ng/ul	99
23) Benzo(b)fluoranthene	22.81	252	595463	16.184	ng/ul	98
24) Benzo(k)fluoranthene	22.81	252	712218	19.782	ng/ul	98
26) Benzo(a)pyrene	23.33	252	727853	20.699	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.62	276	882578	20.781	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.62	278	741326	20.943	ng/ul#	96
29) Benzo(g,h,i)perylene	26.28	276	741907	20.886	ng/ul#	94

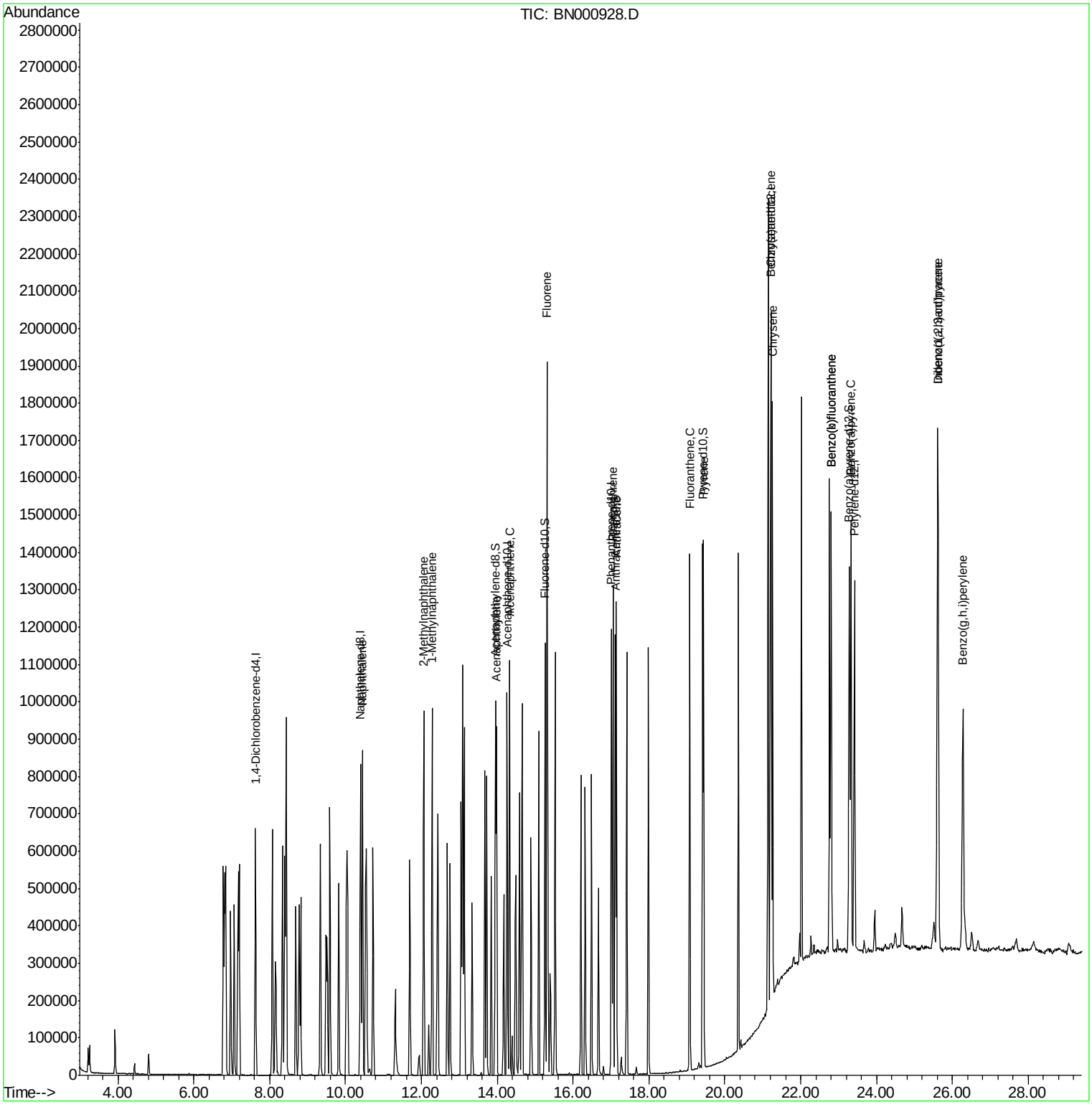
(#) = qualifier out of range (m) = manual integration (+) = signals summed

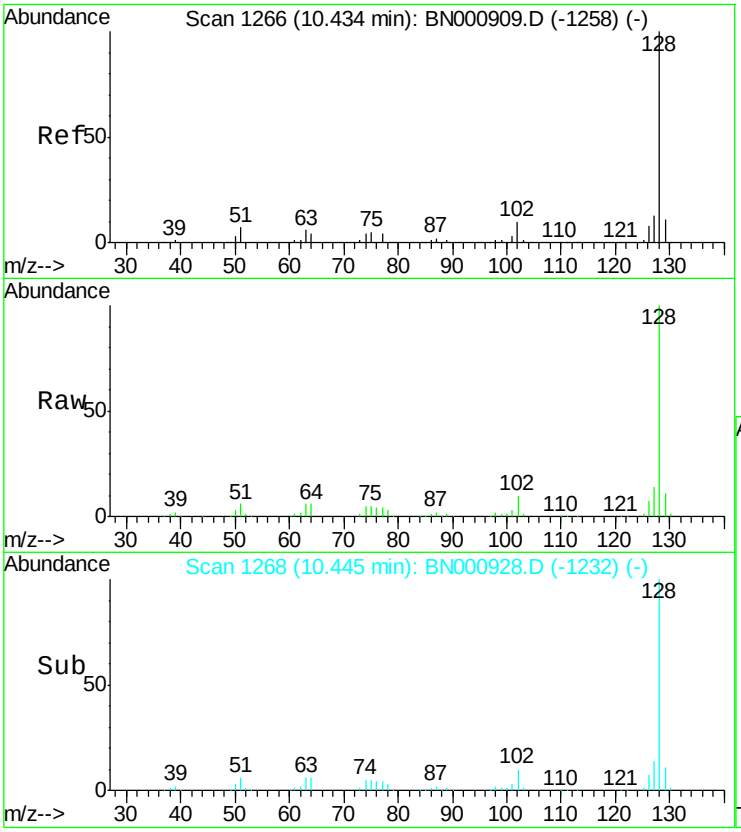
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
Data File : BN000928.D
Acq On : 26 Apr 2018 12:48
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 27 07:43:18 2018
Quant Method : Z:\HPCHEM1\BNA N\Methods\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



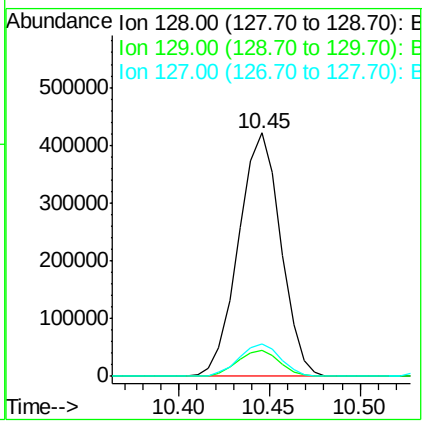


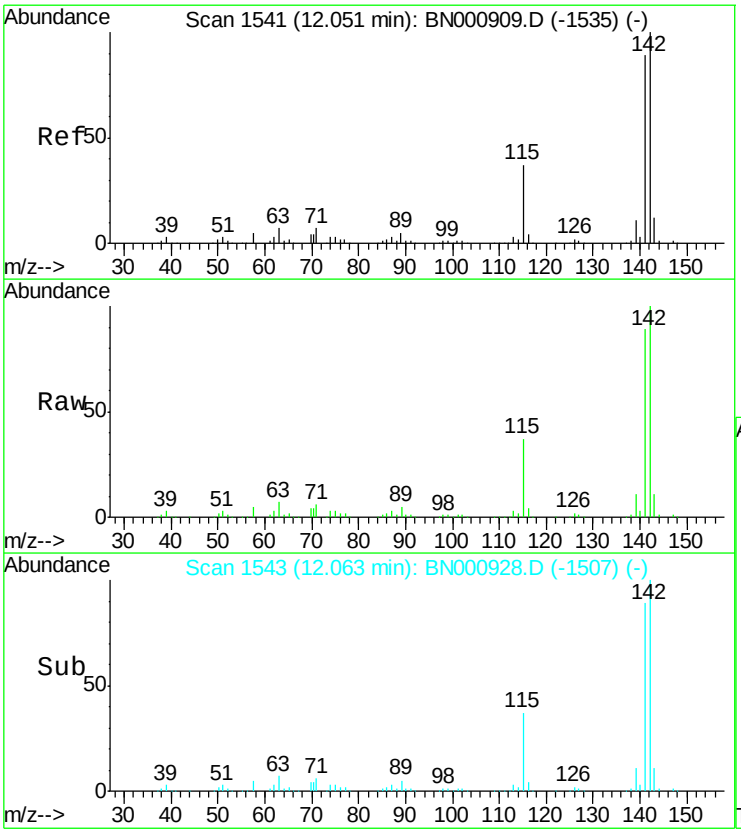
#3
Naphthalene
Concen: 20.330 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 682124

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.5	10.6	16.0

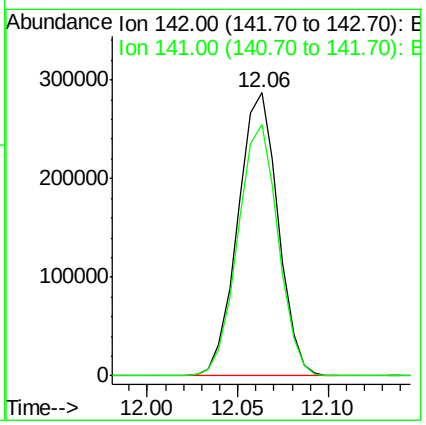


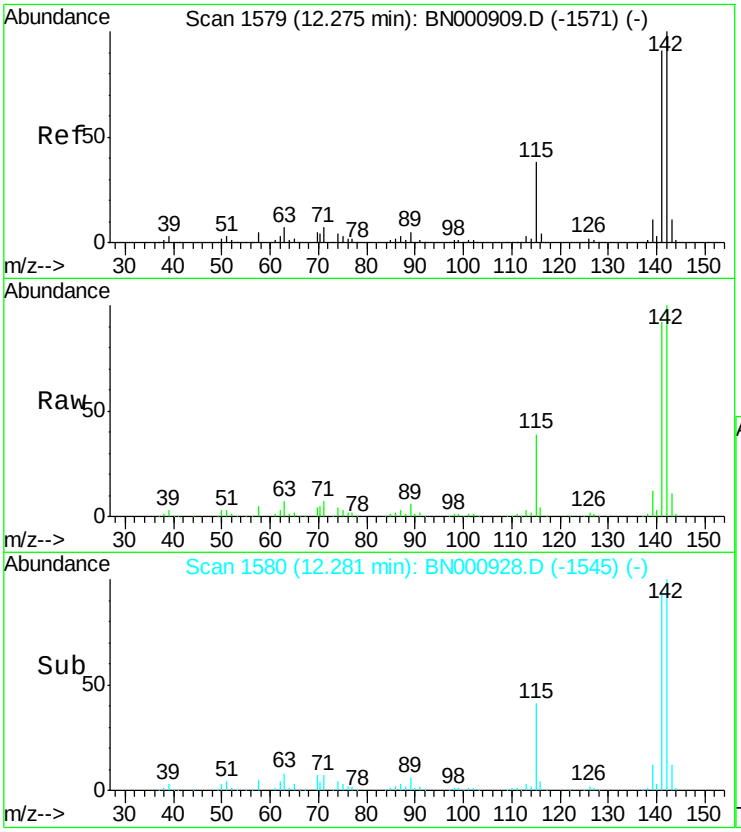


#4
2-Methylnaphthalene
Concen: 19.827 ng/ul
RT: 12.06 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Tgt Ion:142 Resp: 443851

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.7	109.1



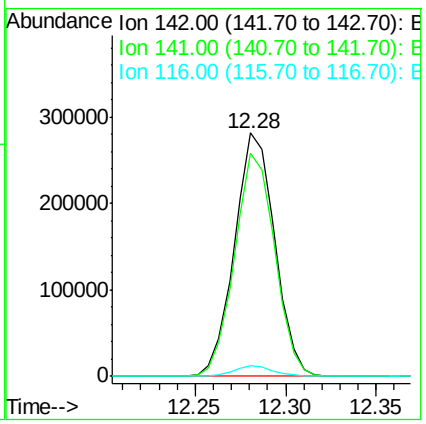


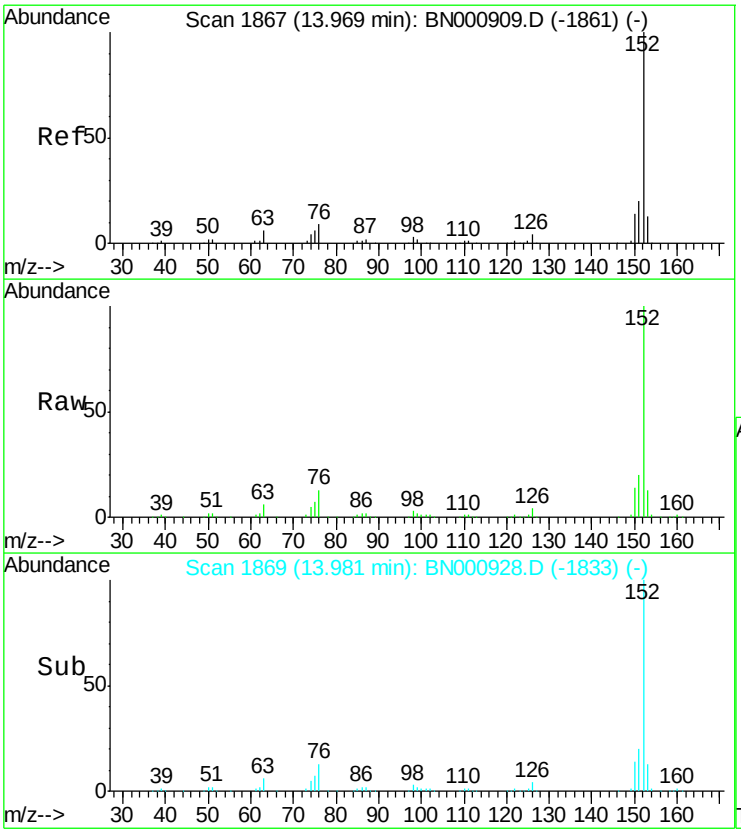
#5
1-Methylnaphthalene
Concen: 19.714 ng/ul
RT: 12.28 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 432856

Ion	Ratio	Lower	Upper
142	100		
141	91.9	79.3	118.9
116	4.1	4.2	6.2#

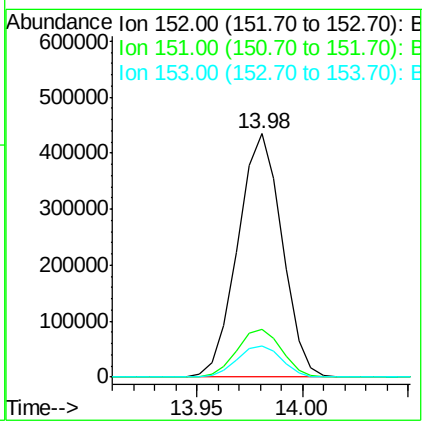


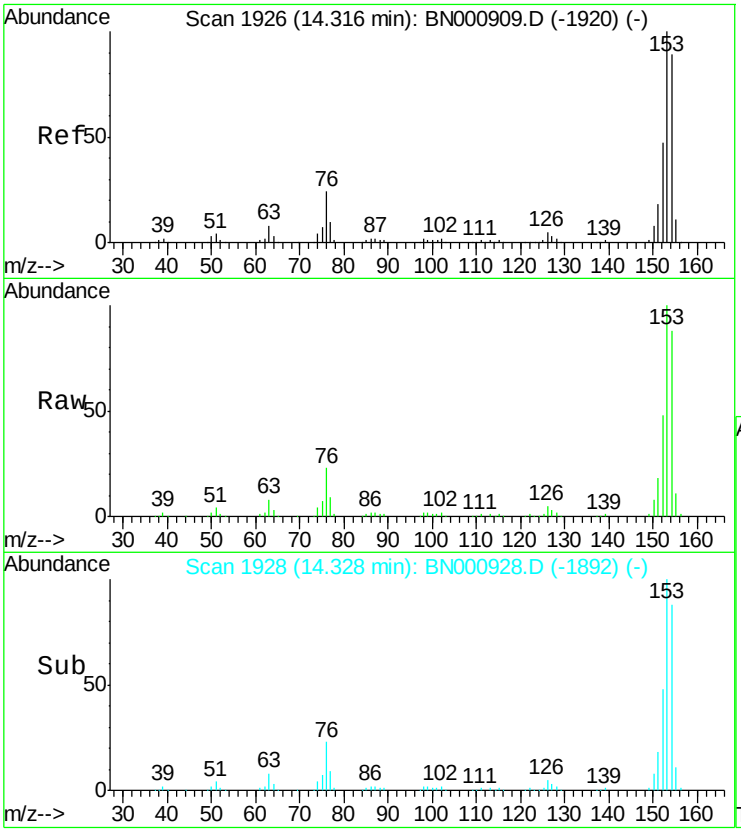


#8
Acenaphthylene
Concen: 20.505 ng/ul
RT: 13.98 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Tgt Ion:152 Resp: 629380

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.7	25.1
153	12.6	10.2	15.4



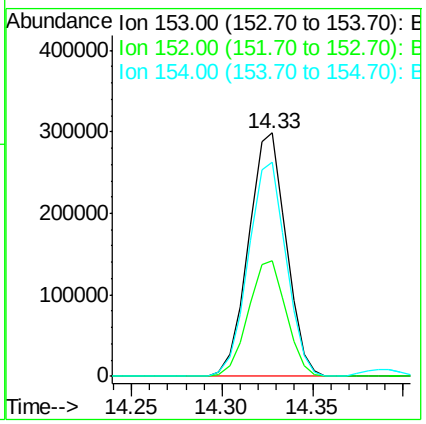


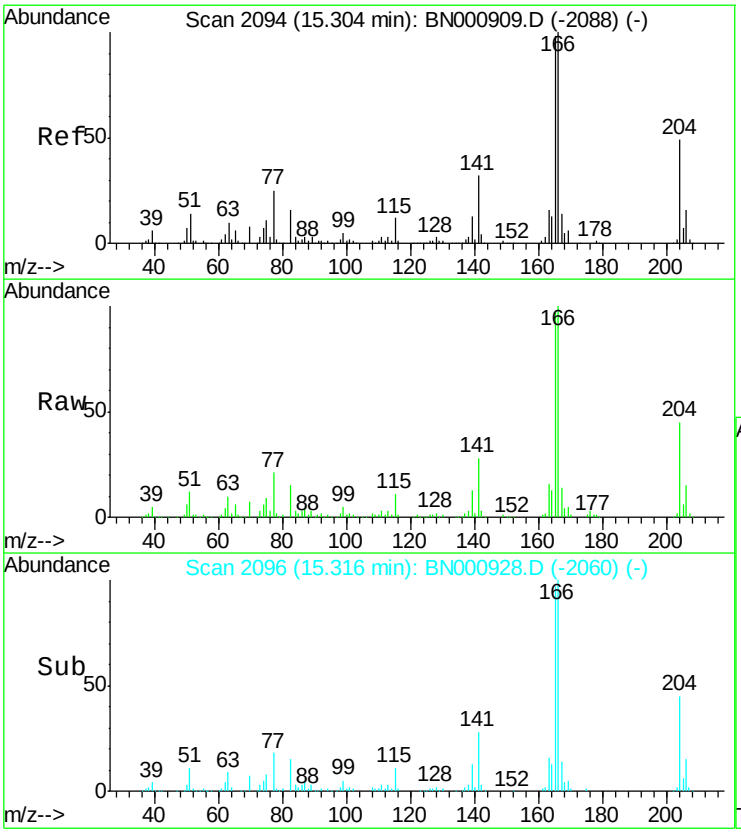
#9
Acenaphthene
Concen: 20.339 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 431346

Ion	Ratio	Lower	Upper
153	100		
152	47.7	39.0	58.6
154	88.0	66.8	100.2

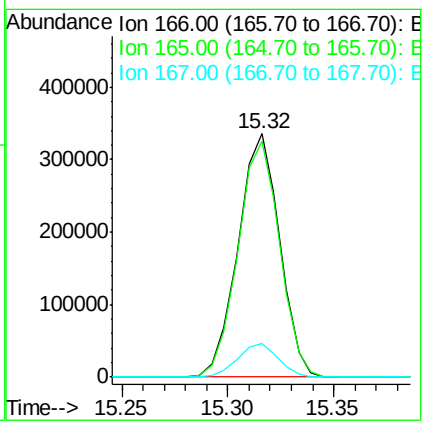


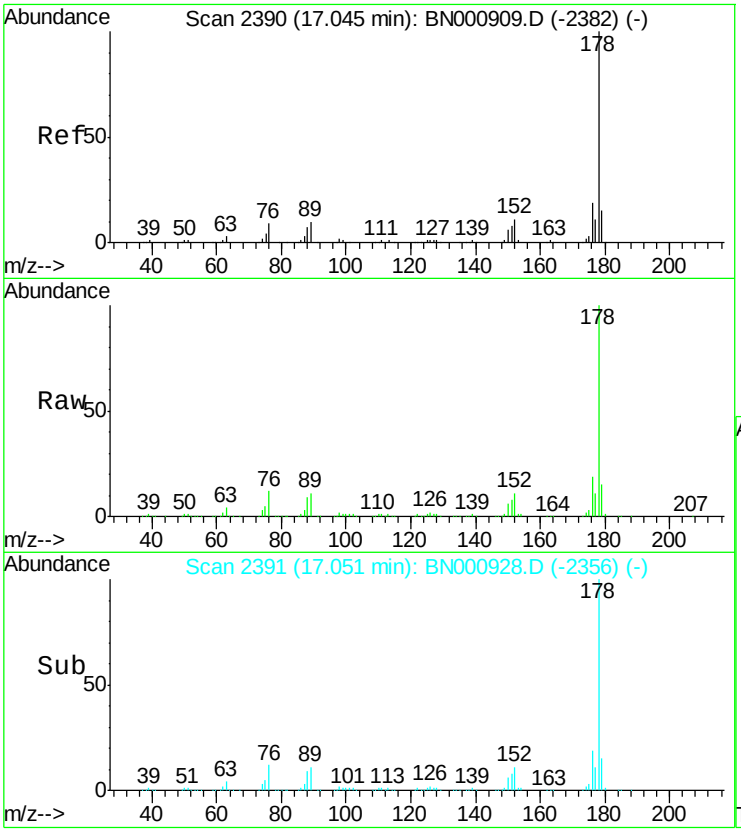


#11
Fluorene
Concen: 20.264 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Tgt Ion:166 Resp: 457496

Ion	Ratio	Lower	Upper
166	100		
165	96.7	83.8	125.8
167	13.6	11.5	17.3



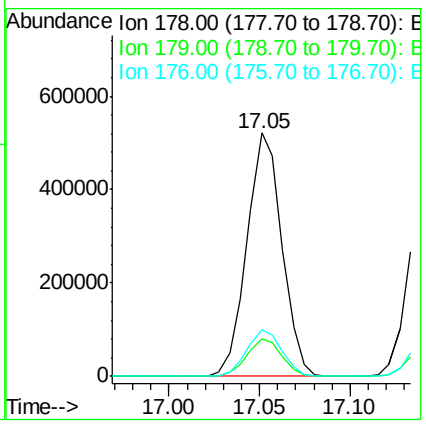


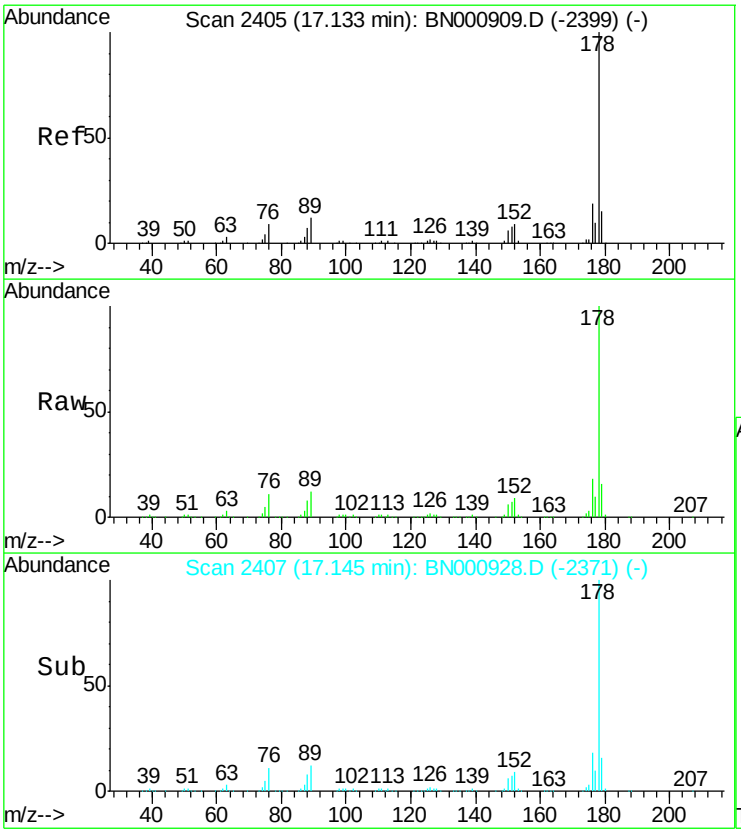
#13
Phenanthrene
Concen: 20.234 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 700390

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.1	15.1	22.7

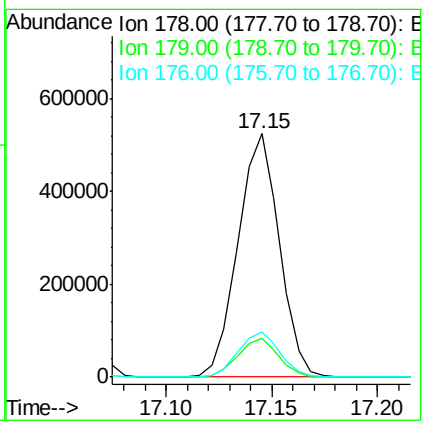


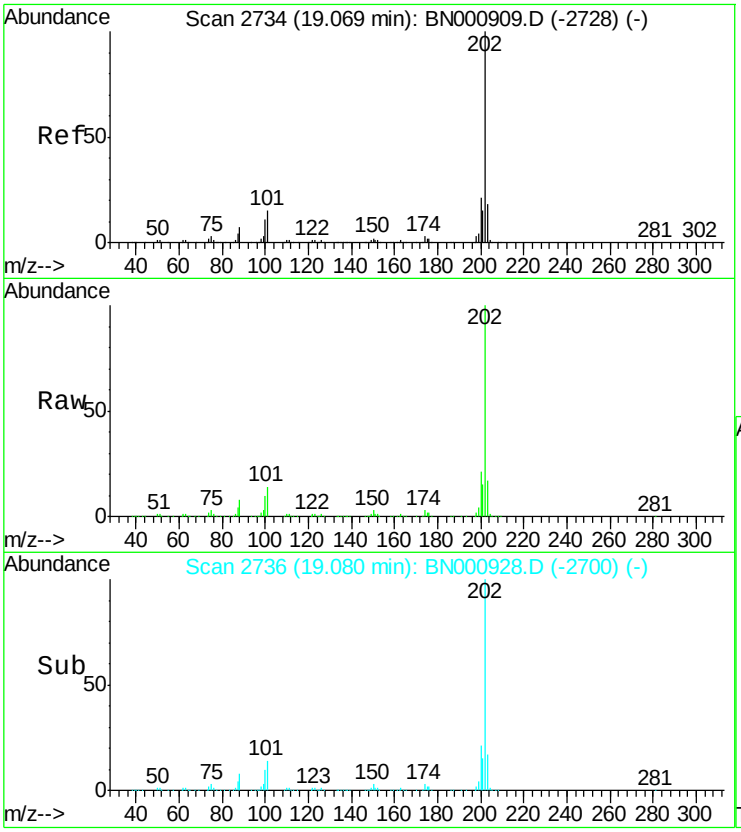


#15
Anthracene
Concen: 20.447 ng/ul
RT: 17.15 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Tgt Ion:178 Resp: 709898

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.4	15.2	22.8



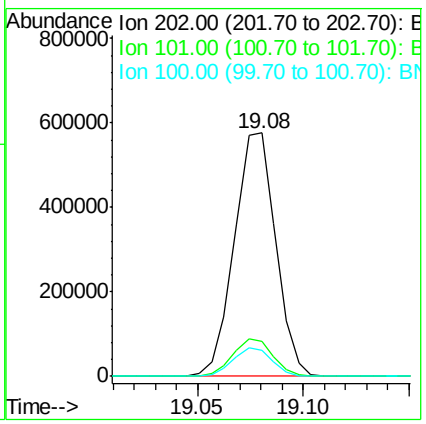


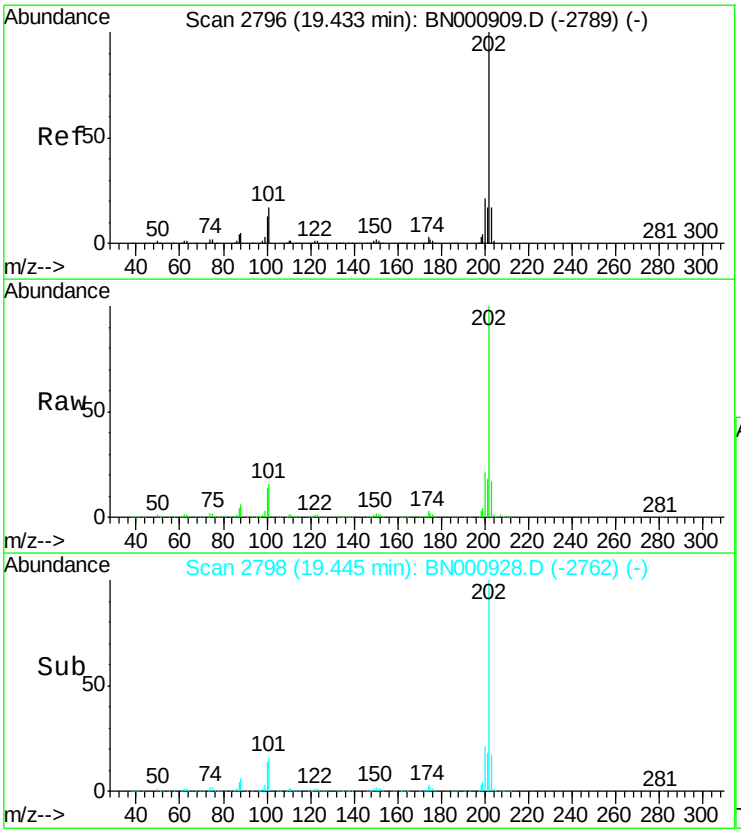
#16
Fluoranthene
Concen: 22.270 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 782104

Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.9	14.9
100	10.5	7.4	11.0

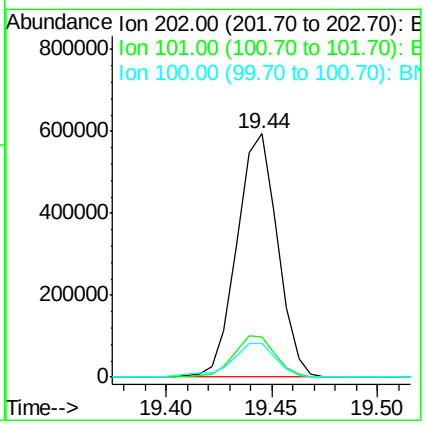


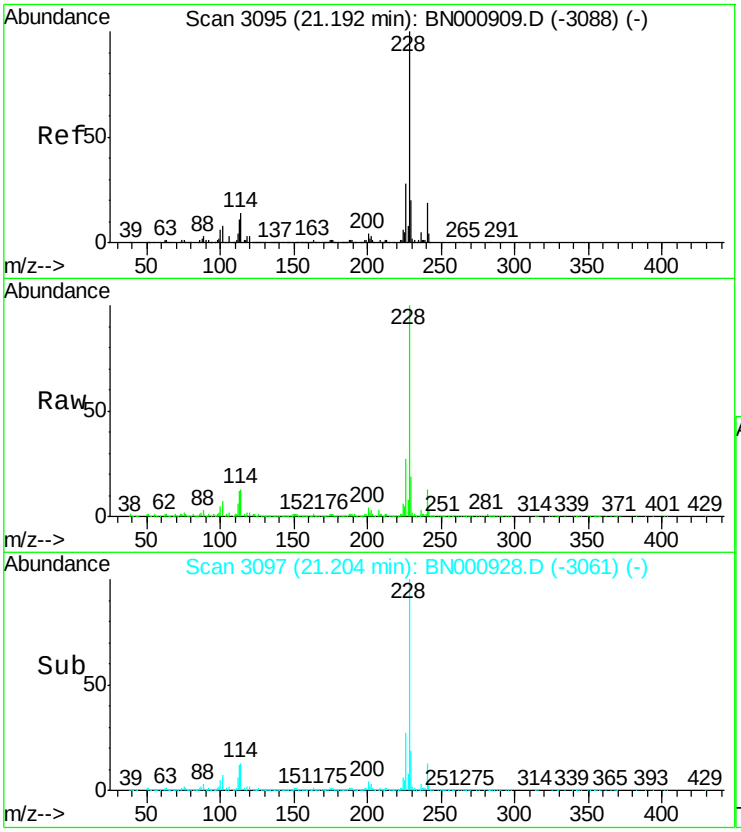


#19
Pyrene
Concen: 20.276 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Tgt Ion:202 Resp: 787630

Ion	Ratio	Lower	Upper
202	100		
101	16.5	11.0	16.4#
100	13.8	8.1	12.1#



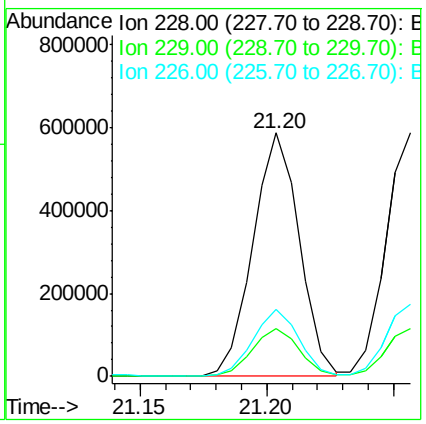


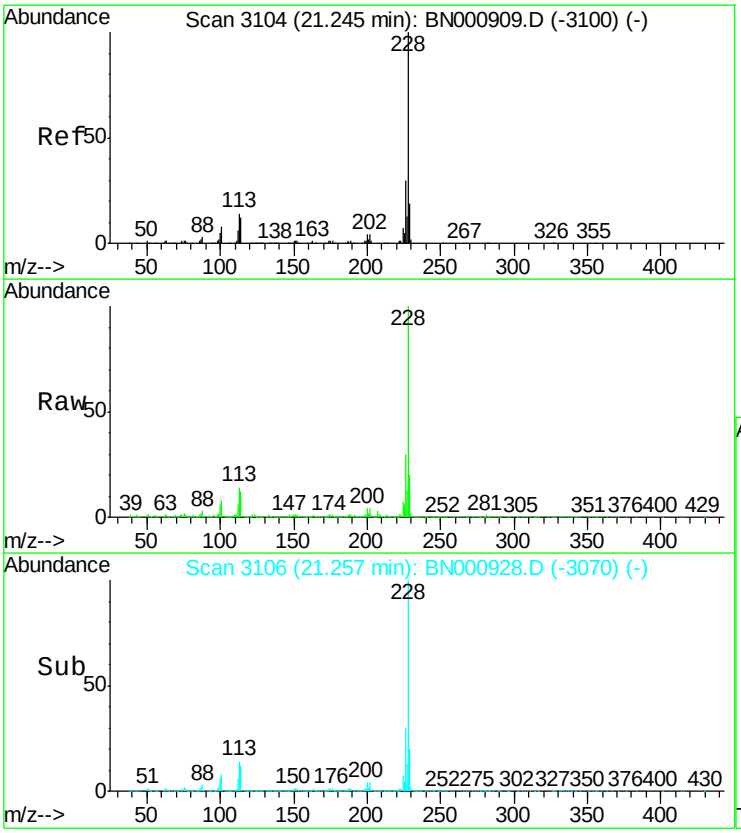
#20
Benzo(a)anthracene
Concen: 20.727 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 749313

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	27.4	21.1	31.7

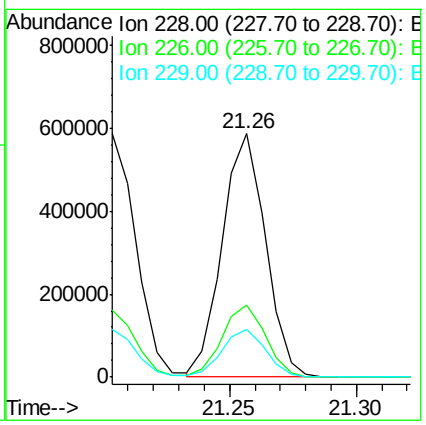


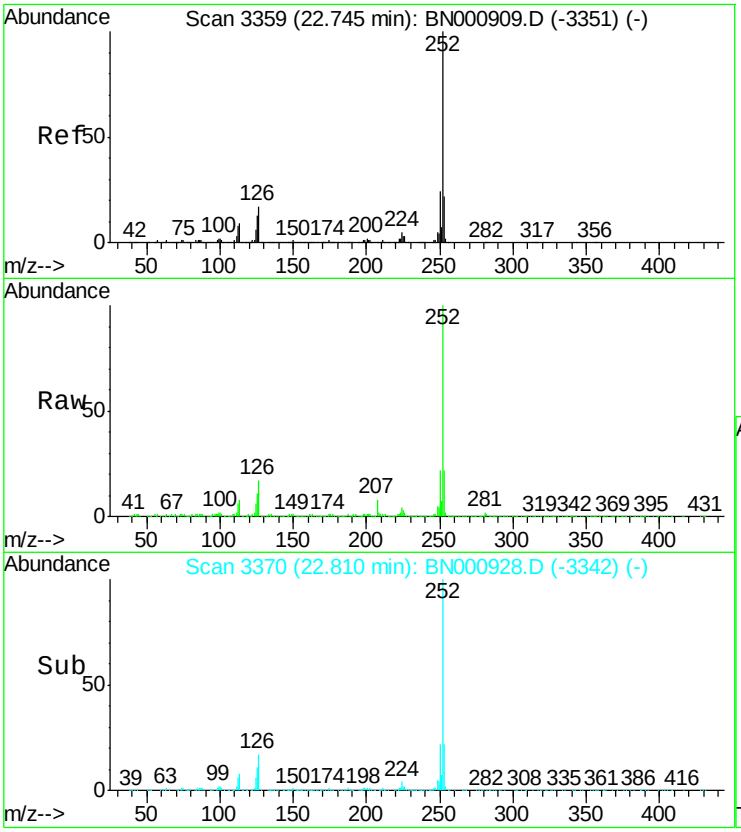


#21
Chrysene
Concen: 20.362 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Tgt Ion:228 Resp: 691887

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	19.7	15.8	23.8



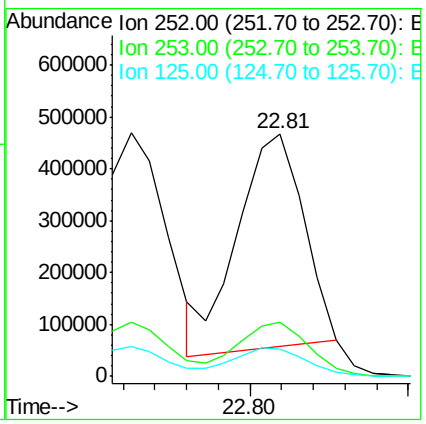


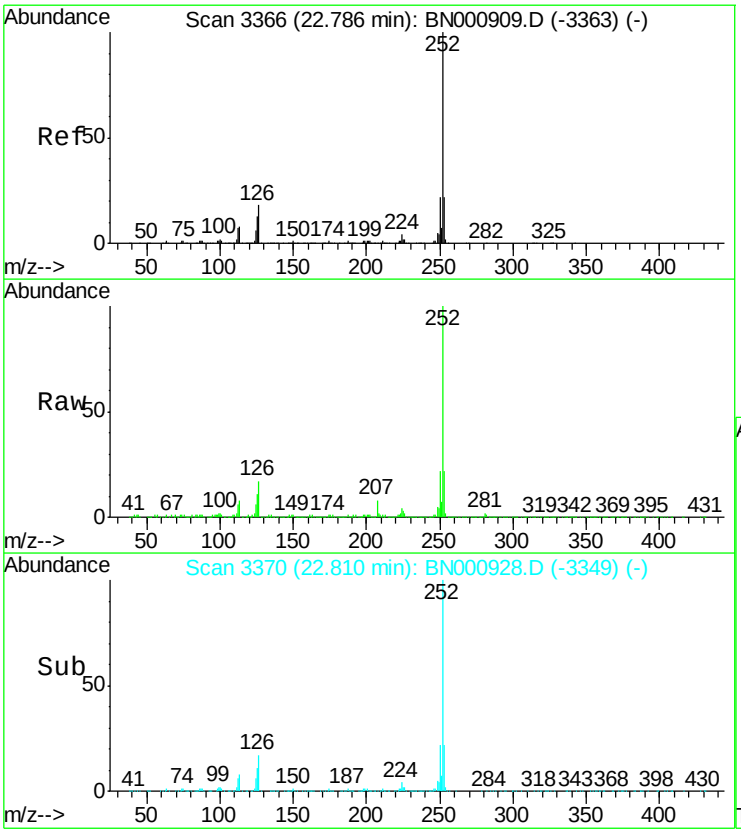
#23
Benzo(b)fluoranthene
Concen: 16.184 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.06 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 595463

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.4	8.0	12.0

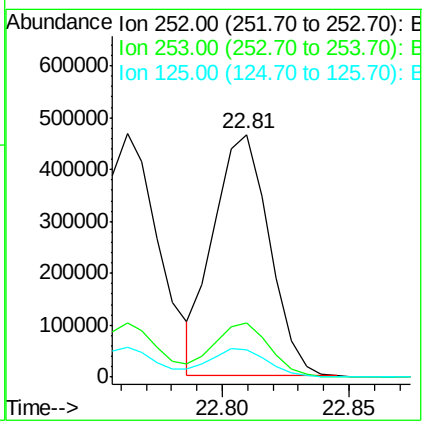


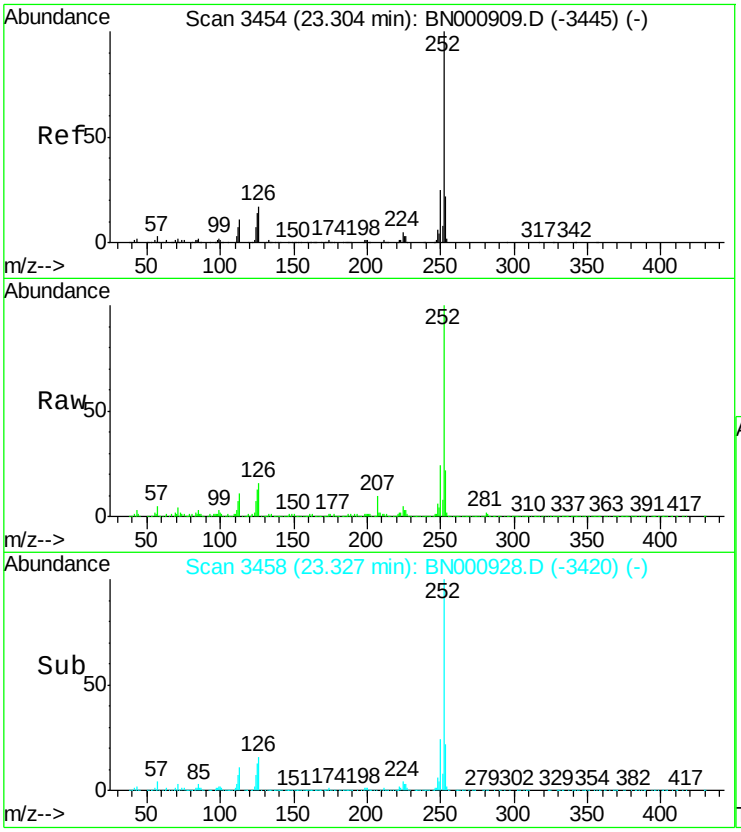


#24
Benzo(k)fluoranthene
Concen: 19.782 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.02 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Tgt Ion:252 Resp: 712218

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.4	8.1	12.1



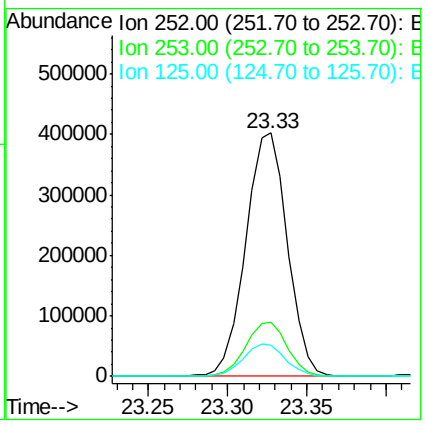


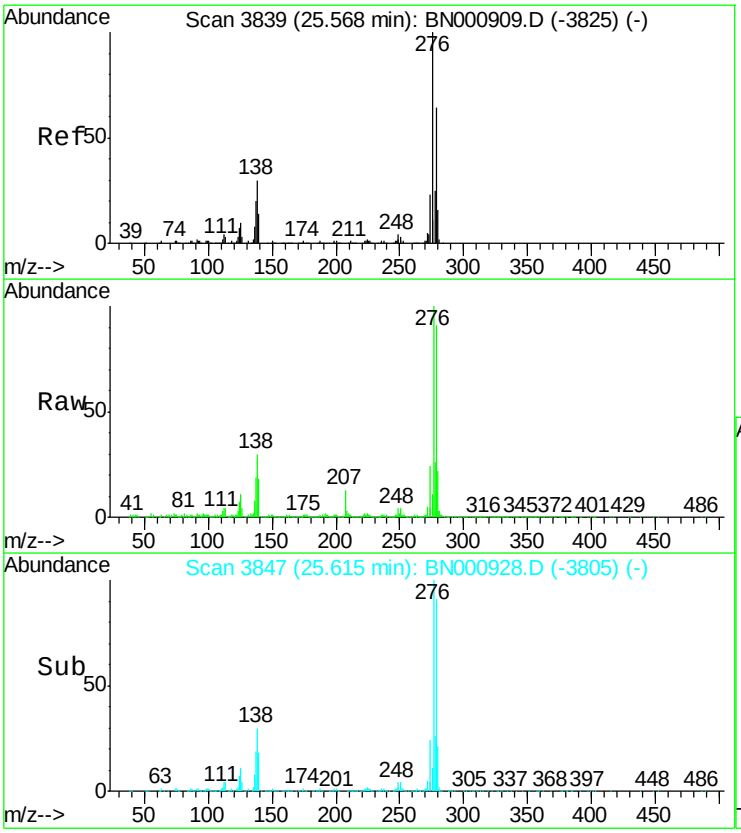
#26
Benzo(a)pyrene
Concen: 20.699 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.02 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 727853

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	13.1	8.2	12.4#

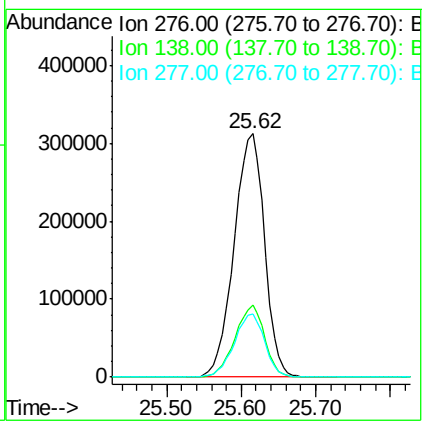


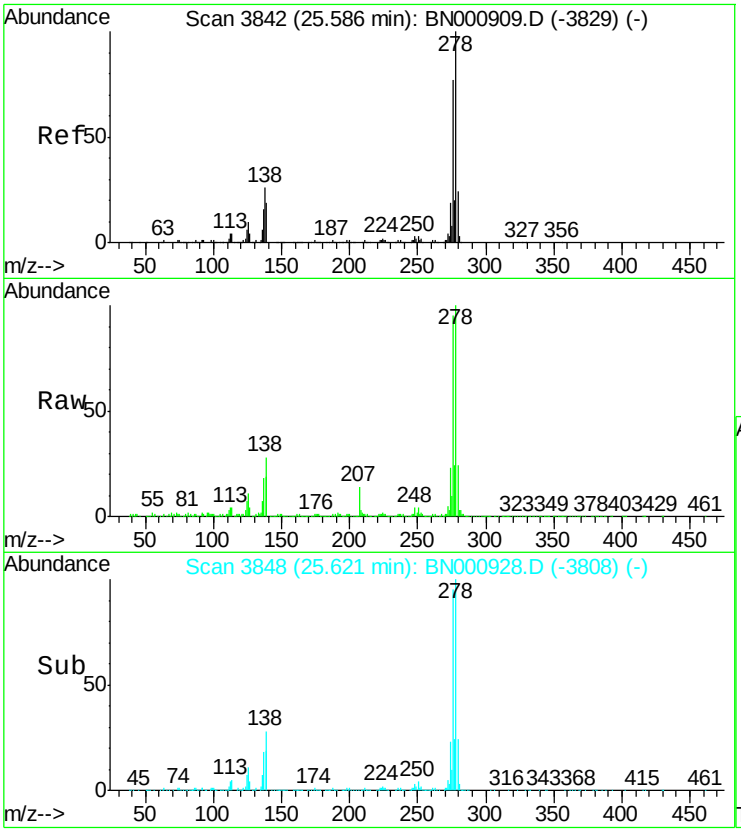


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.781 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. 0.05 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Tgt Ion:276 Resp: 882578

Ion	Ratio	Lower	Upper
276	100		
138	29.7	14.4	21.6#
277	25.8	18.0	27.0



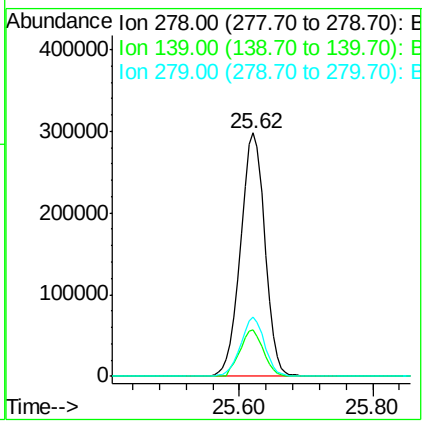


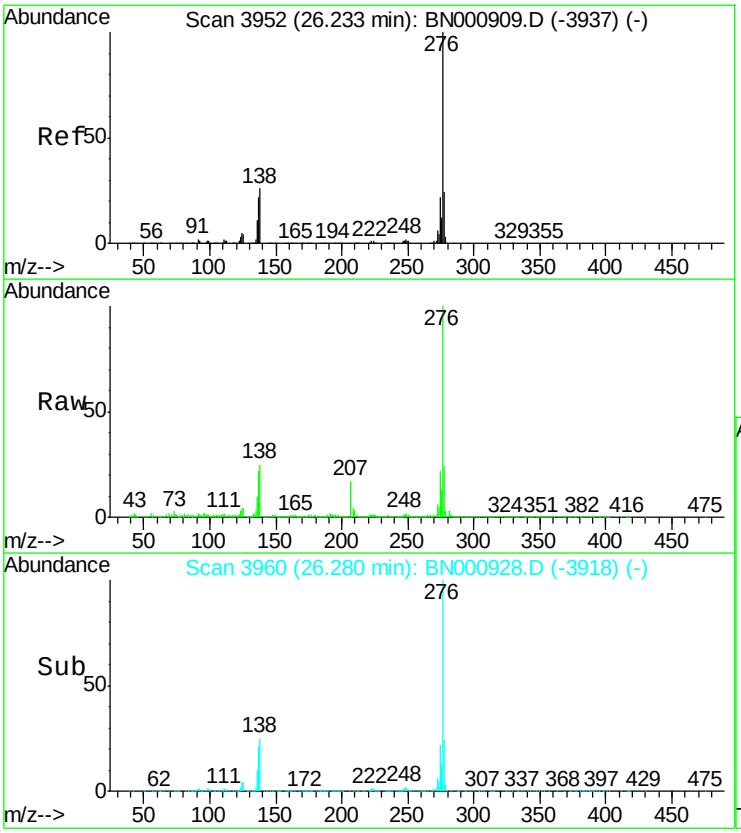
#28
Dibenzo(a,h)anthracene
Concen: 20.943 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.04 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 741326

Ion	Ratio	Lower	Upper
278	100		
139	18.9	12.2	18.4#
279	24.3	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 20.886 ng/ul
RT: 26.28 min Scan# 3960
Delta R.T. 0.05 min
Lab File: BN000928.D
Acq: 26 Apr 2018 12:48

Tgt Ion:276 Resp: 741907

Ion	Ratio	Lower	Upper
276	100		
138	25.0	15.3	22.9#
277	24.2	19.0	28.4