Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004666.D
Acq On : 08 Mar 2019 08:21
Operator : JU/SJ
Sample : K1657-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 08 09:46:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 00:36:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	42458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	206902	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	126307	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	289476	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	275921	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	234116	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4228	5.62	ng/uL	0.00
5) Phenol-d5	6.88	99	56491	16.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	29767	16.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	50461	16.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	51681	16.94	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	26732	16.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	31092	17.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	57025	16.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	63110	15.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	194725	17.83	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	226039	17.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	30568	15.08	ng/ul	0.00
58) Fluorene-d10	15.36	176	163353	17.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	30383	15.20	ng/ul	0.00
71) Anthracene-d10	17.21	188	256865	18.22	ng/ul	0.00
79) Pyrene-d10	19.51	212	272975	20.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	204298	16.25	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.82	163	28697	2.678	ng/ul	99
48) Acenaphthylene	14.08	152	19386	1.509	ng/ul	99
59) Fluorene	15.41	166	11386	1.125	ng/ul	98
70) Phenanthrene	17.15	178	222700	13.835	ng/ul	99
72) Anthracene	17.24	178	36776	2.236	ng/ul	99
75) Carbazole	17.52	167	23634	1.655	ng/ul	100
77) Fluoranthene	19.17	202	343285	18.497	ng/ul	97
80) Pyrene	19.54	202	275585	16.474	ng/ul	99
83) Benzo(a)anthracene	21.29	228	126785	7.304	ng/ul	95
85) Chrysene	21.35	228	122857	7.622	ng/ul	98
88) Benzo(b)fluoranthene	22.89	252	159300	10.963	ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	159300	11.149	ng/ul	97
91) Benzo(a)pyrene	23.46	252	102637	7.508	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.83	276	79961	5.370	ng/ul	95
93) Dibenzo(a,h)anthracene	25.84	278	20147	1.608	ng/ul#	80
94) Benzo(g,h,i)perylene	26.54	276	67972	5.613	ng/ul	97

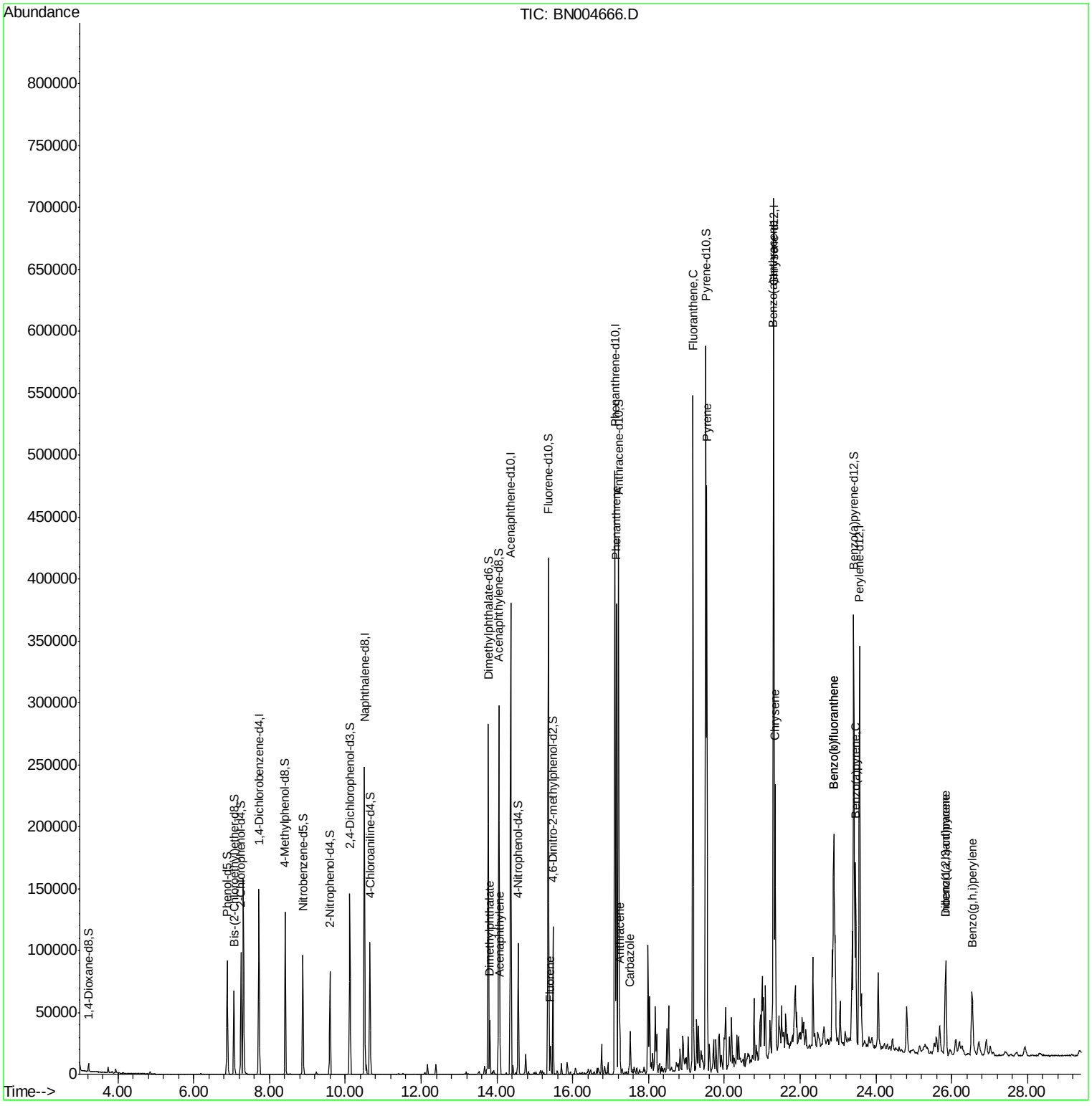
(#) = qualifier out of range (m) = manual integration (+) = signals summed

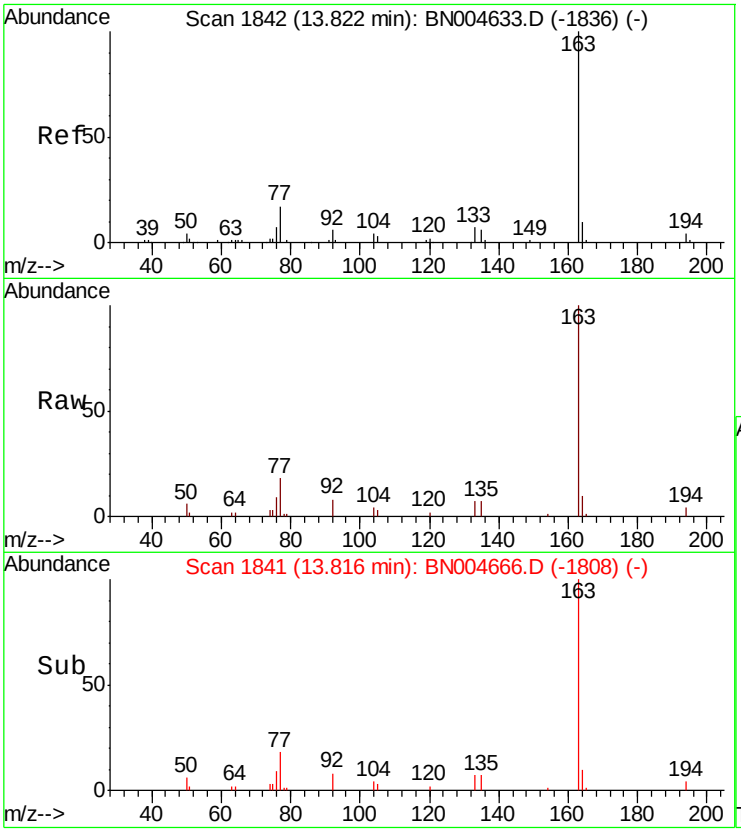
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004666.D
Acq On : 08 Mar 2019 08:21
Operator : JU/SJ
Sample : K1657-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 08 09:46:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 00:36:35 2019
Response via : Initial Calibration



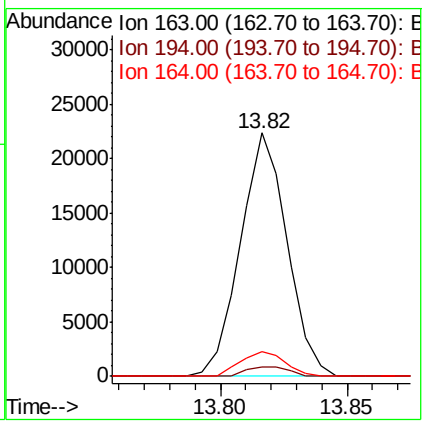


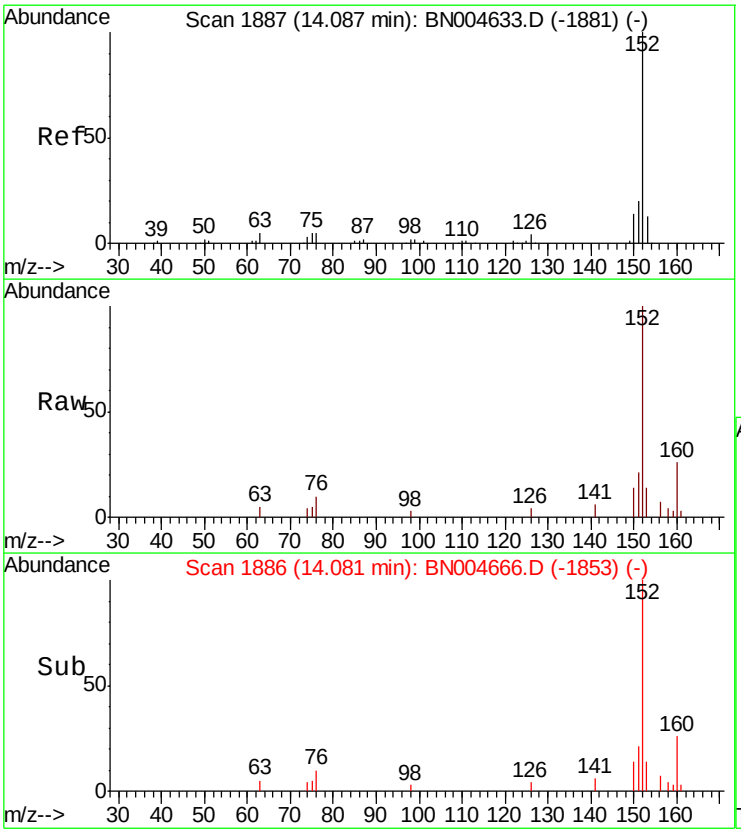
#45
Dimethylphthalate
Concen: 2.678 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 28697

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.4	7.9	11.9

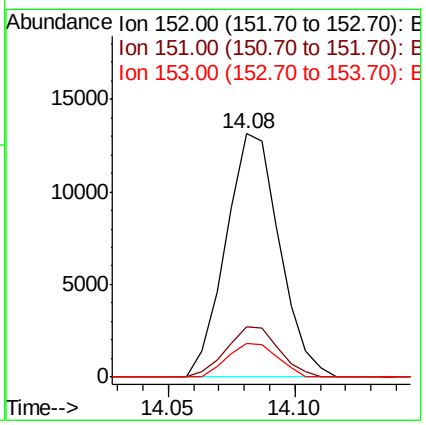


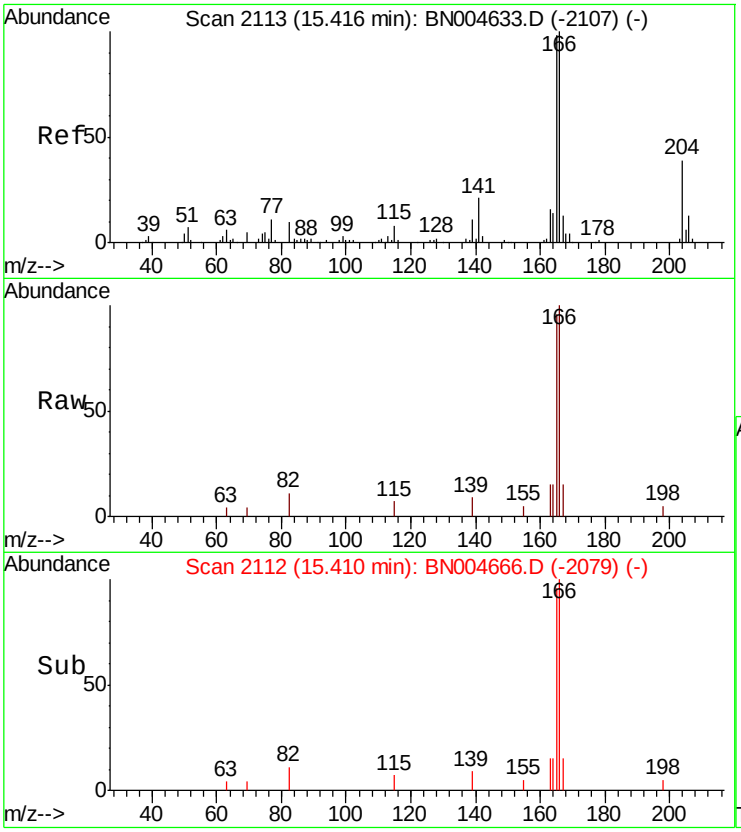


#48
Acenaphthylene
Concen: 1.509 ng/ul
RT: 14.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Tgt Ion:152 Resp: 19386

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	14.1	10.6	16.0



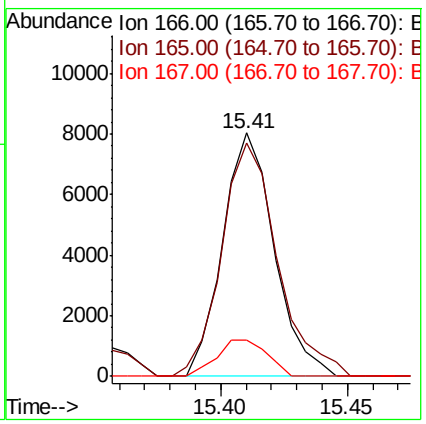


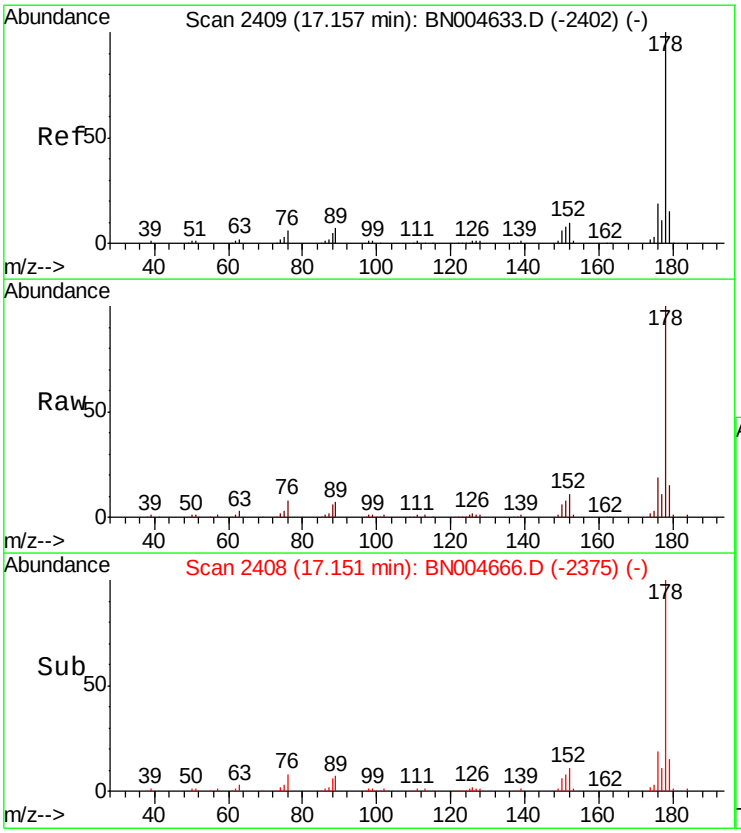
#59
Fluorene
Concen: 1.125 ng/ul
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 11386

Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.0	117.0
167	14.9	10.8	16.2

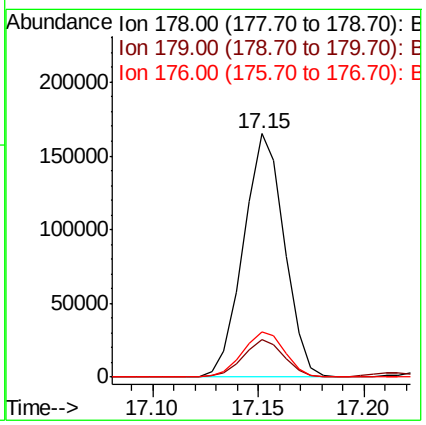


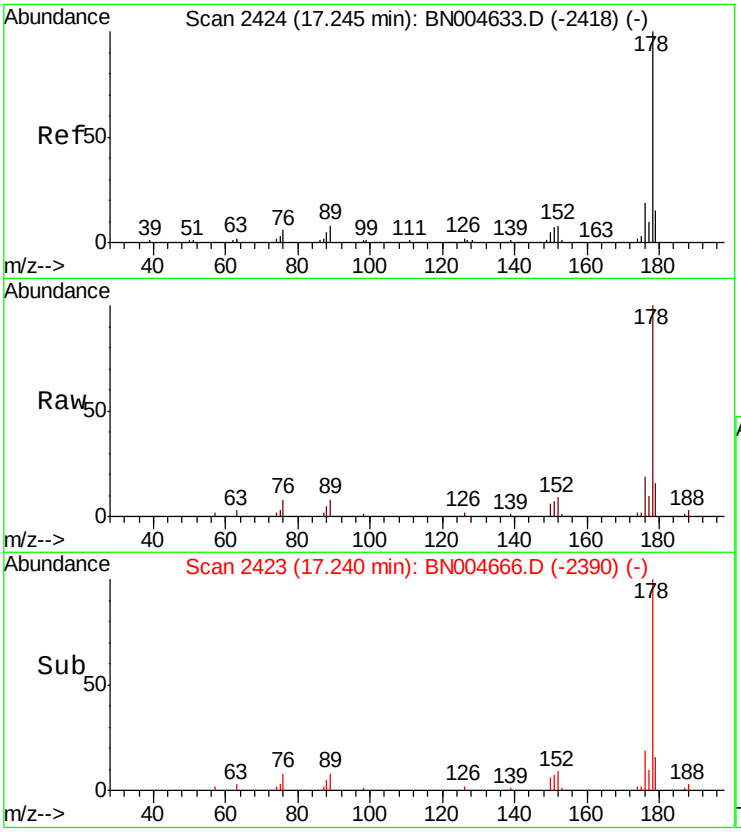


#70
Phenanthrene
Concen: 13.835 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Tgt Ion:178 Resp: 222700

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.4	23.0



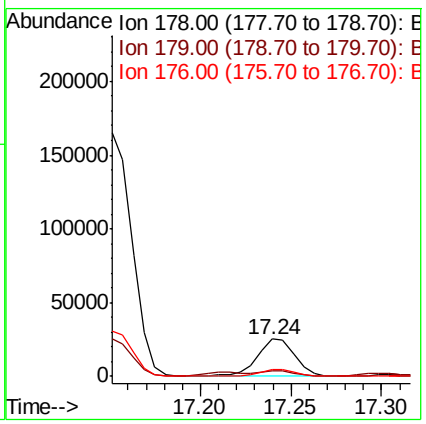


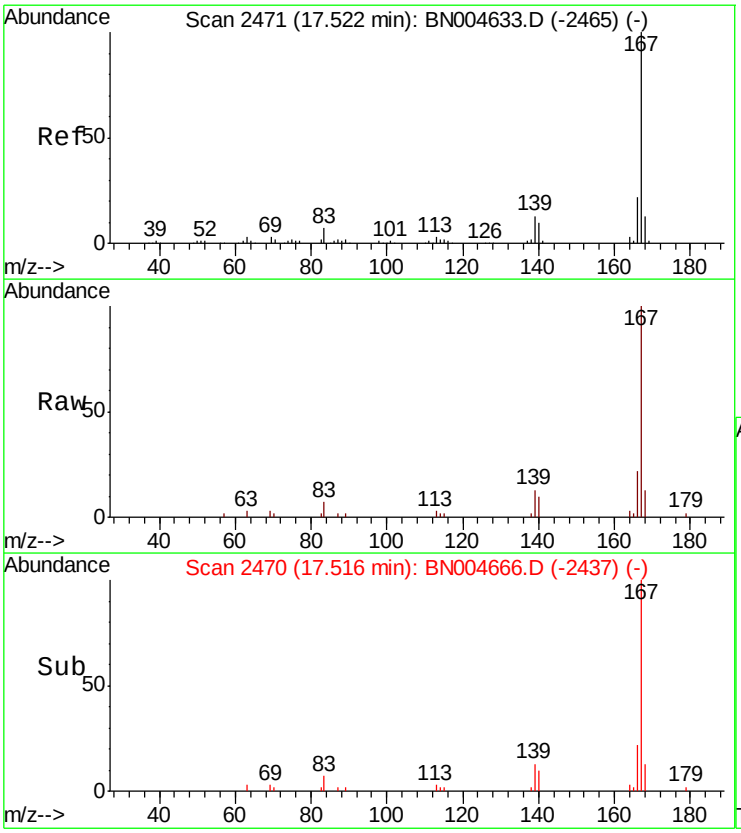
#72
Anthracene
Concen: 2.236 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 36776

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	18.5	14.9	22.3

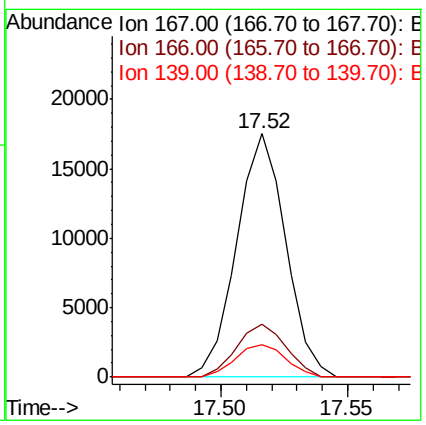


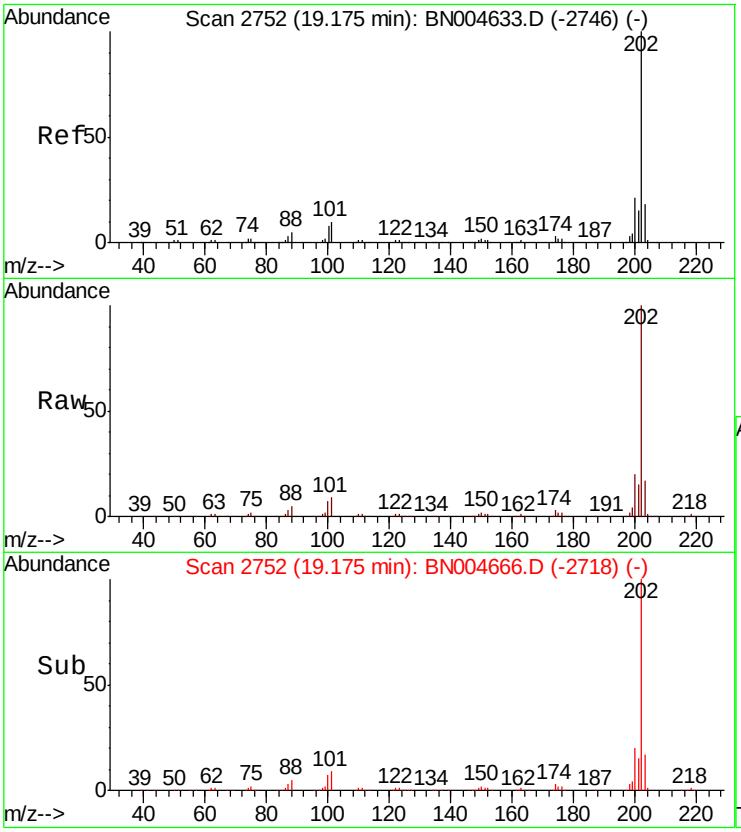


#75
Carbazole
Concen: 1.655 ng/ul
RT: 17.52 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Tgt Ion:167 Resp: 23634

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.3	10.4	15.6



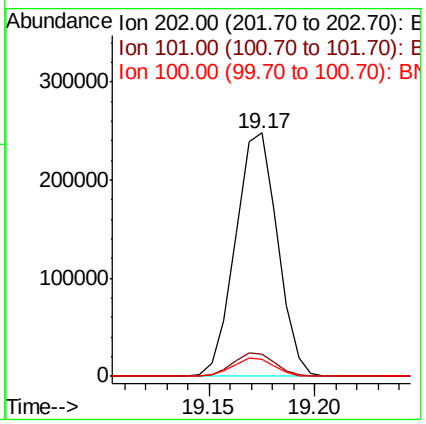


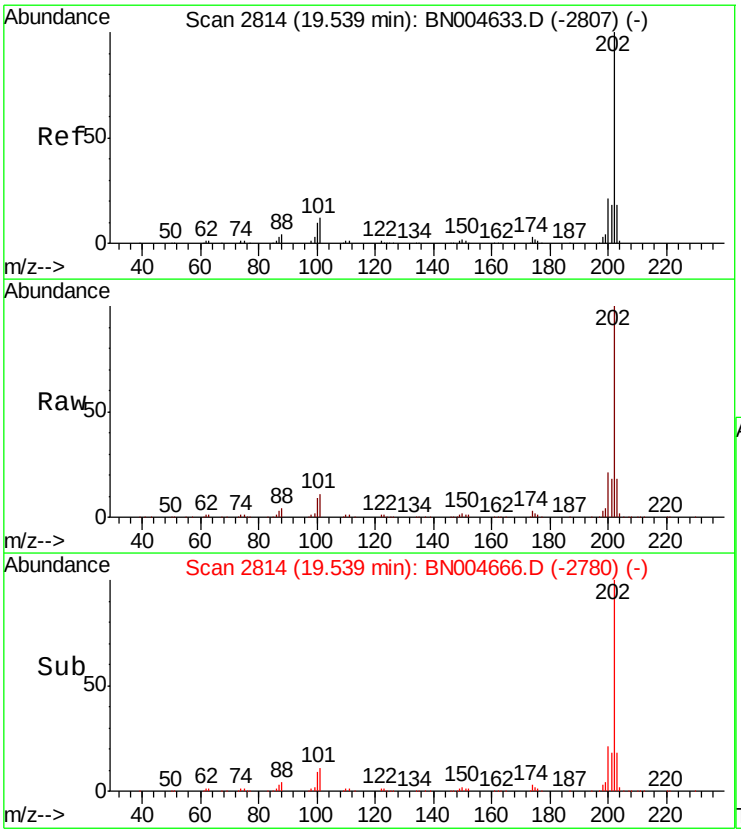
#77
Fluoranthene
Concen: 18.497 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 343285

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.2	12.4
100	7.0	6.6	9.8

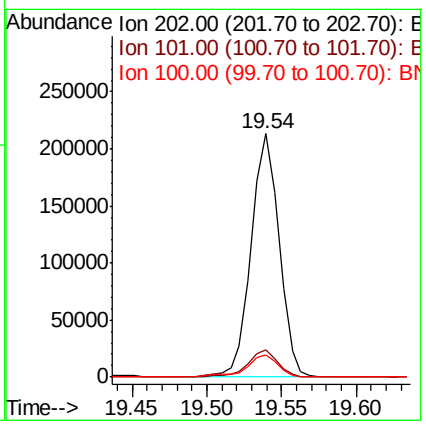


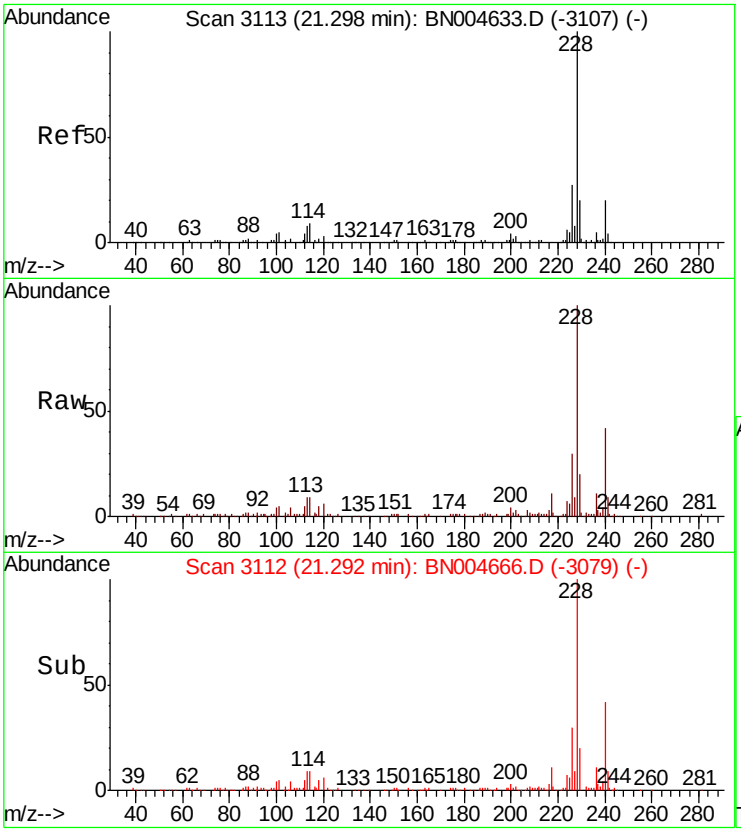


#80
Pyrene
Concen: 16.474 ng/ul
RT: 19.54 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Tgt Ion:202 Resp: 275585

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.2	13.8
100	9.1	7.5	11.3



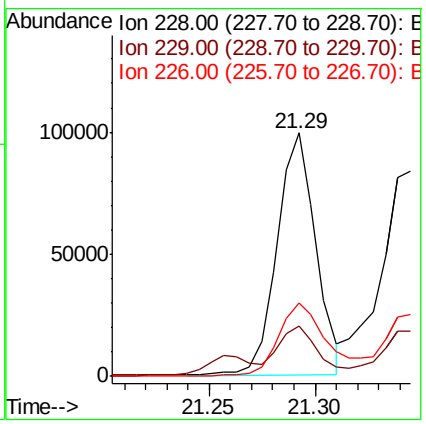


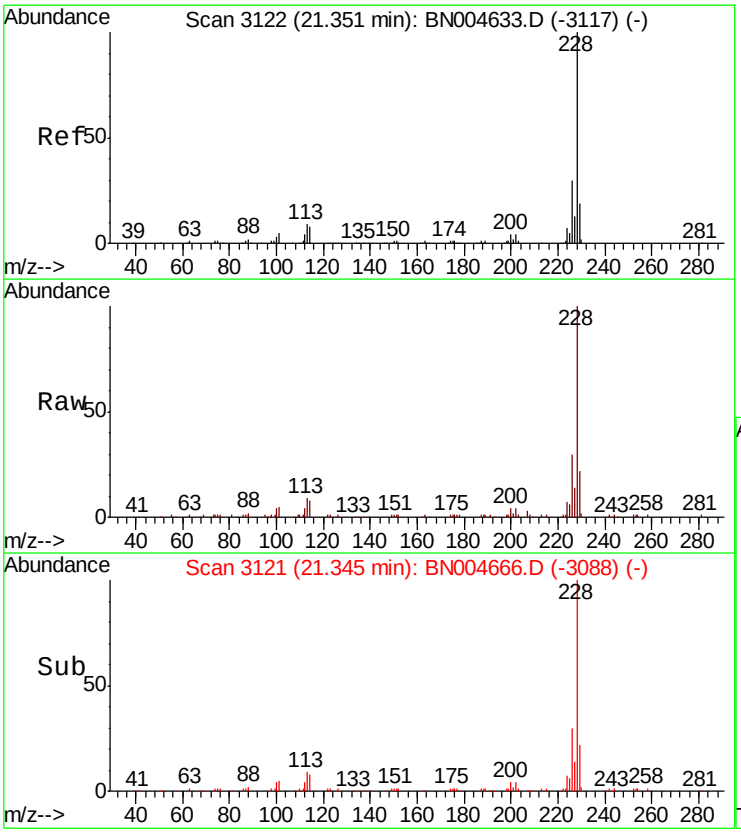
#83
Benzo(a)anthracene
Concen: 7.304 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 126785

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.2
226	30.3	21.4	32.2

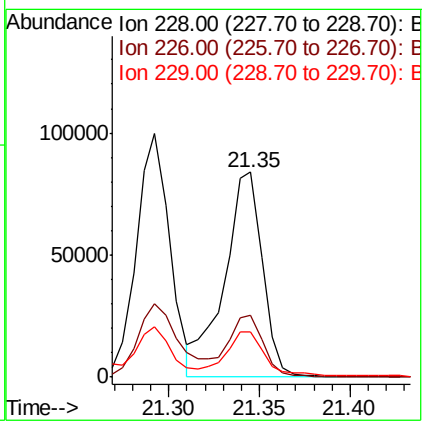


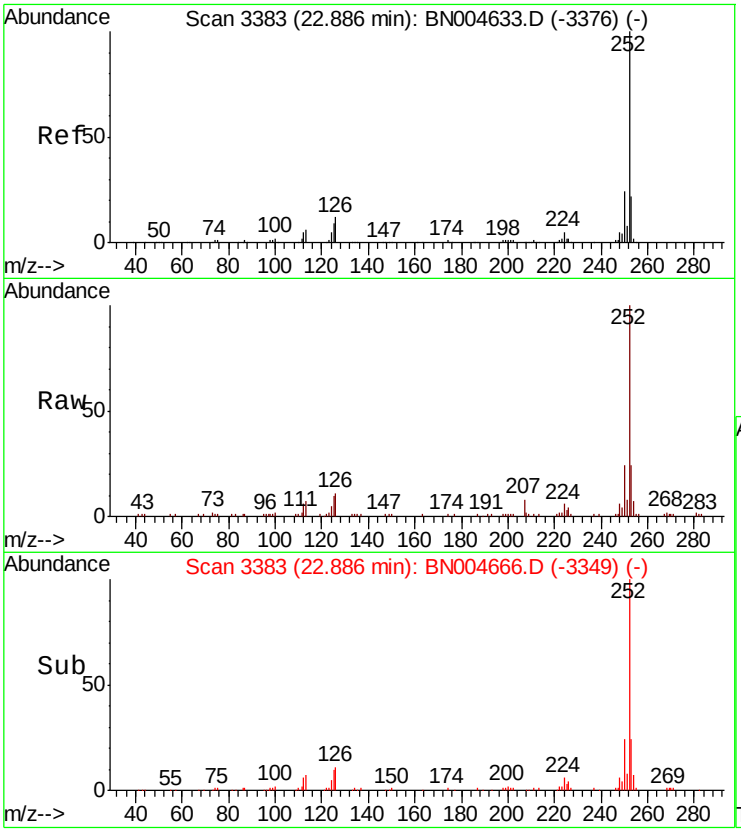


#85
Chrysene
Concen: 7.622 ng/ul
RT: 21.35 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Tgt Ion:228 Resp: 122857

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	22.1	15.7	23.5



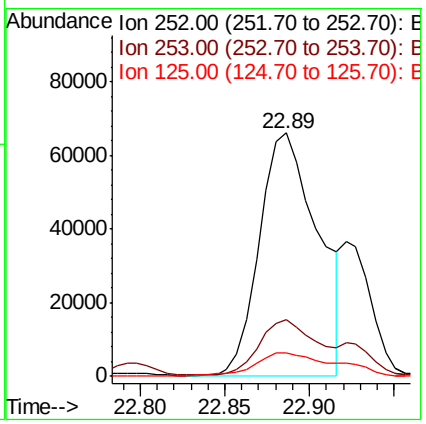


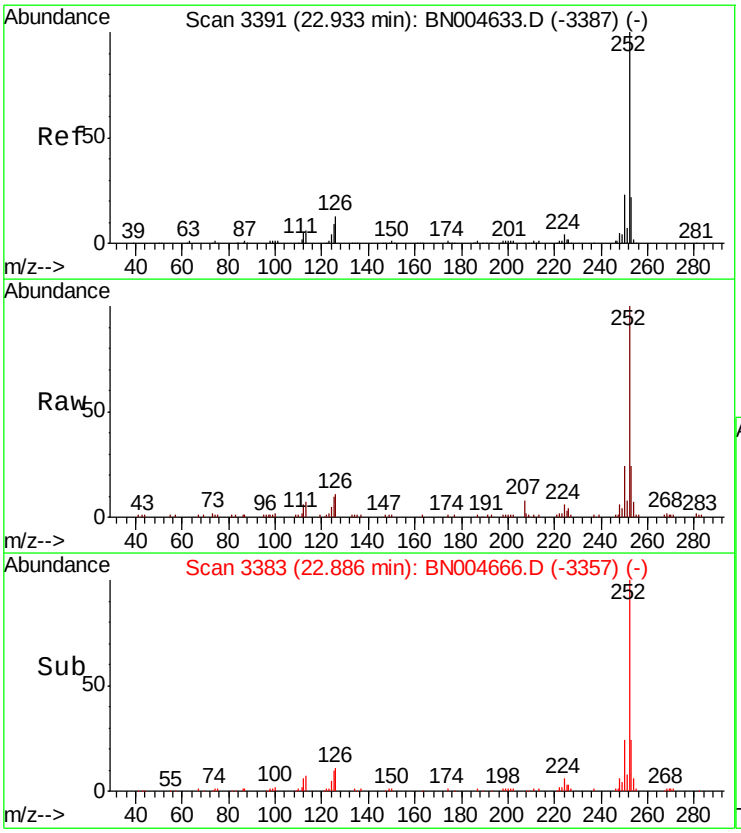
#88
Benzo(b)fluoranthene
Concen: 10.963 ng/ul
RT: 22.89 min Scan# 3383
Delta R.T. 0.00 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 159300

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	9.5	7.4	11.2

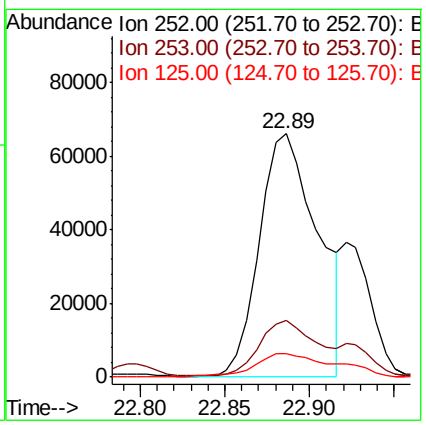


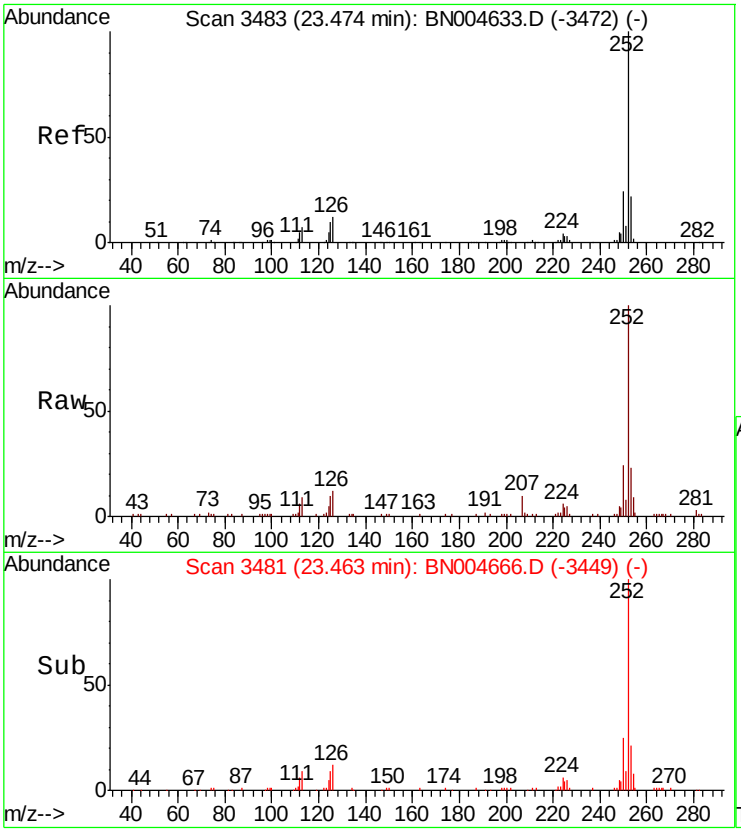


#89
Benzo(k)fluoranthene
Concen: 11.149 ng/ul
RT: 22.89 min Scan# 3383
Delta R.T. -0.05 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Tgt Ion:252 Resp: 159300

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	9.5	7.4	11.0



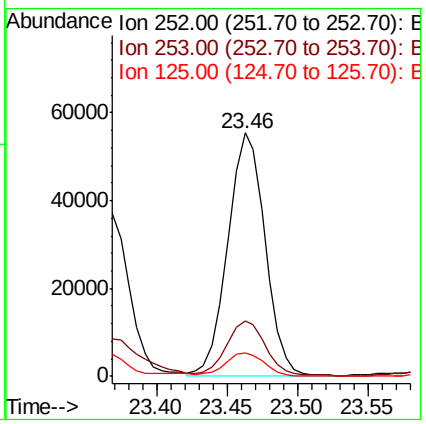


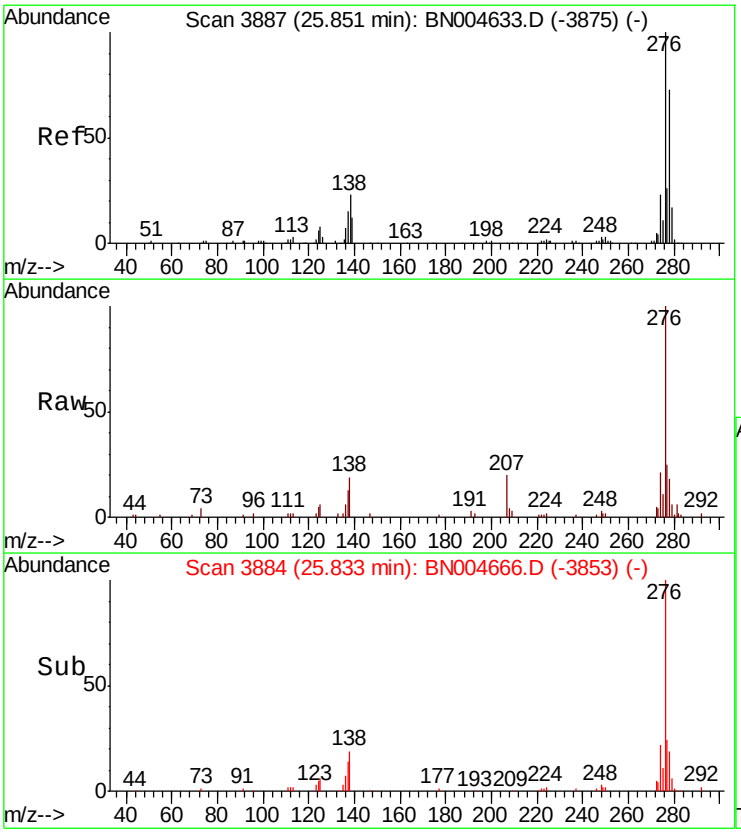
#91
Benzo(a)pyrene
Concen: 7.508 ng/ul
RT: 23.46 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 102637

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.7	8.4	12.6

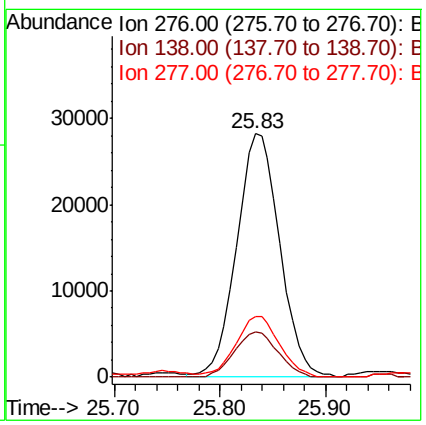


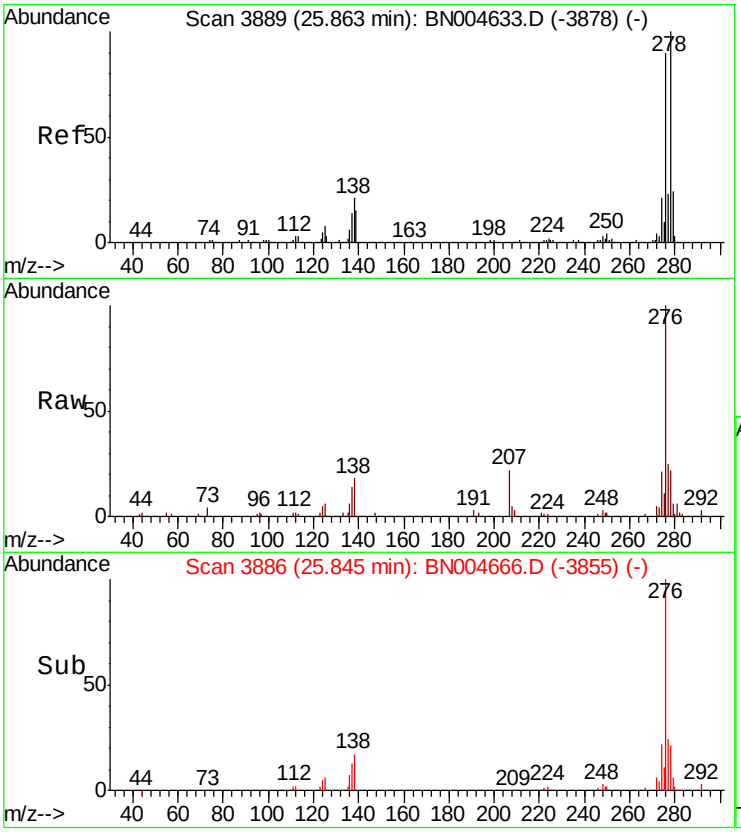


#92
Indeno(1,2,3-cd)pyrene
Concen: 5.370 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.02 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Tgt Ion:276 Resp: 79961

Ion	Ratio	Lower	Upper
276	100		
138	18.8	18.7	28.1
277	24.6	19.8	29.8



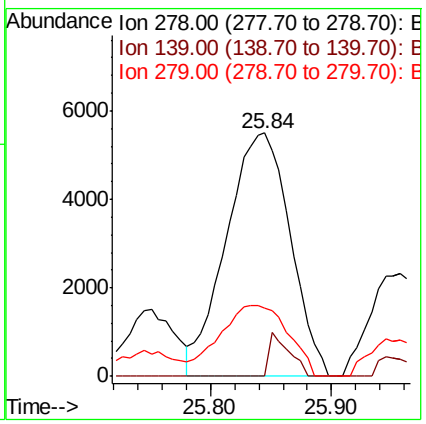


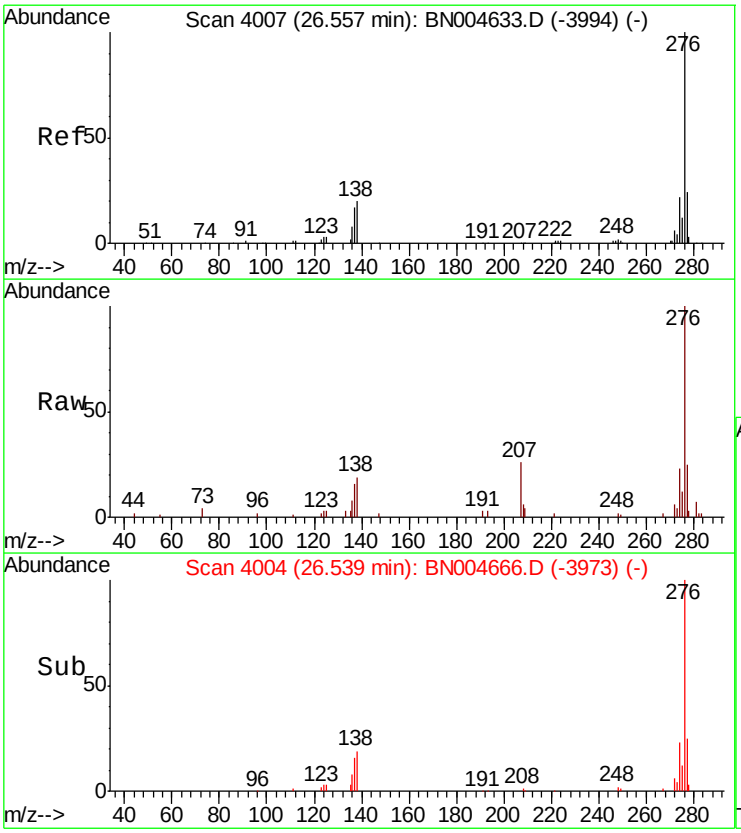
#93
Dibenzo(a,h)anthracene
Concen: 1.608 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 20147

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	28.2	19.3	28.9





#94
Benzo(g,h,i)perylene
Concen: 5.613 ng/ul
RT: 26.54 min Scan# 4004
Delta R.T. -0.02 min
Lab File: BN004666.D
Acq: 08 Mar 2019 08:21

Tgt Ion:276 Resp: 67972

Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.7	25.1
277	24.8	19.0	28.6