Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005862.D
Acq On : 22 May 2019 21:45
Operator : JU/SJ
Sample : K2925-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 23 01:16:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	43941	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	199608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	144567	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	410135	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	529391	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	666859	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	2595	3.31	ng/uL	0.00
5) Phenol-d5	6.77	99	62122	18.29	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	36416	20.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	52937	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	39878	13.73	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	26266	18.12	ng/ul	0.01
22) 2-Nitrophenol-d4	9.43	143	27932	16.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	49432	15.48	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	51249	14.45	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	230861	20.75	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	276989	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	9358	5.97	ng/ul	0.05
57) Fluorene-d10	15.20	176	212478	22.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	14814	6.01	ng/ul	0.02
70) Anthracene-d10	17.06	188	358979	20.26	ng/ul	0.00
78) Pyrene-d10	19.37	212	490006	18.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	626298	20.94	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.75	77	3076	1.251	ng/ul	93
28) Naphthalene	10.37	128	12111	1.270	ng/ul#	96
44) Dimethylphthalate	13.67	163	64222	5.856	ng/ul	99
49) Acenaphthene	14.26	153	25697	2.914	ng/ul	100
53) Dibenzofuran	14.62	168	22709	1.736	ng/ul	98
58) Fluorene	15.26	166	29315	2.755	ng/ul	94
69) Phenanthrene	17.00	178	459643	22.609	ng/ul	99
71) Anthracene	17.10	178	95532	4.615	ng/ul	96
74) Carbazole	17.39	167	30514	1.672	ng/ul	97
76) Fluoranthene	19.04	202	535941	21.322	ng/ul#	88
79) Pyrene	19.40	202	496915	15.285	ng/ul#	86
82) Benzo(a)anthracene	21.18	228	269769	8.089	ng/ul	98
84) Chrysene	21.23	228	259525	8.255	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	301883	8.229	ng/ul#	96
88) Benzo(k)fluoranthene	22.92	252	42628	1.201	ng/ul	94
90) Benzo(a)pyrene	23.30	252	239517	6.742	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.59	276	143838	3.312	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.59	278	37591	1.028	ng/ul#	81
93) Benzo(g,h,i)perylene	26.26	276	121862	3.357	ng/ul#	91

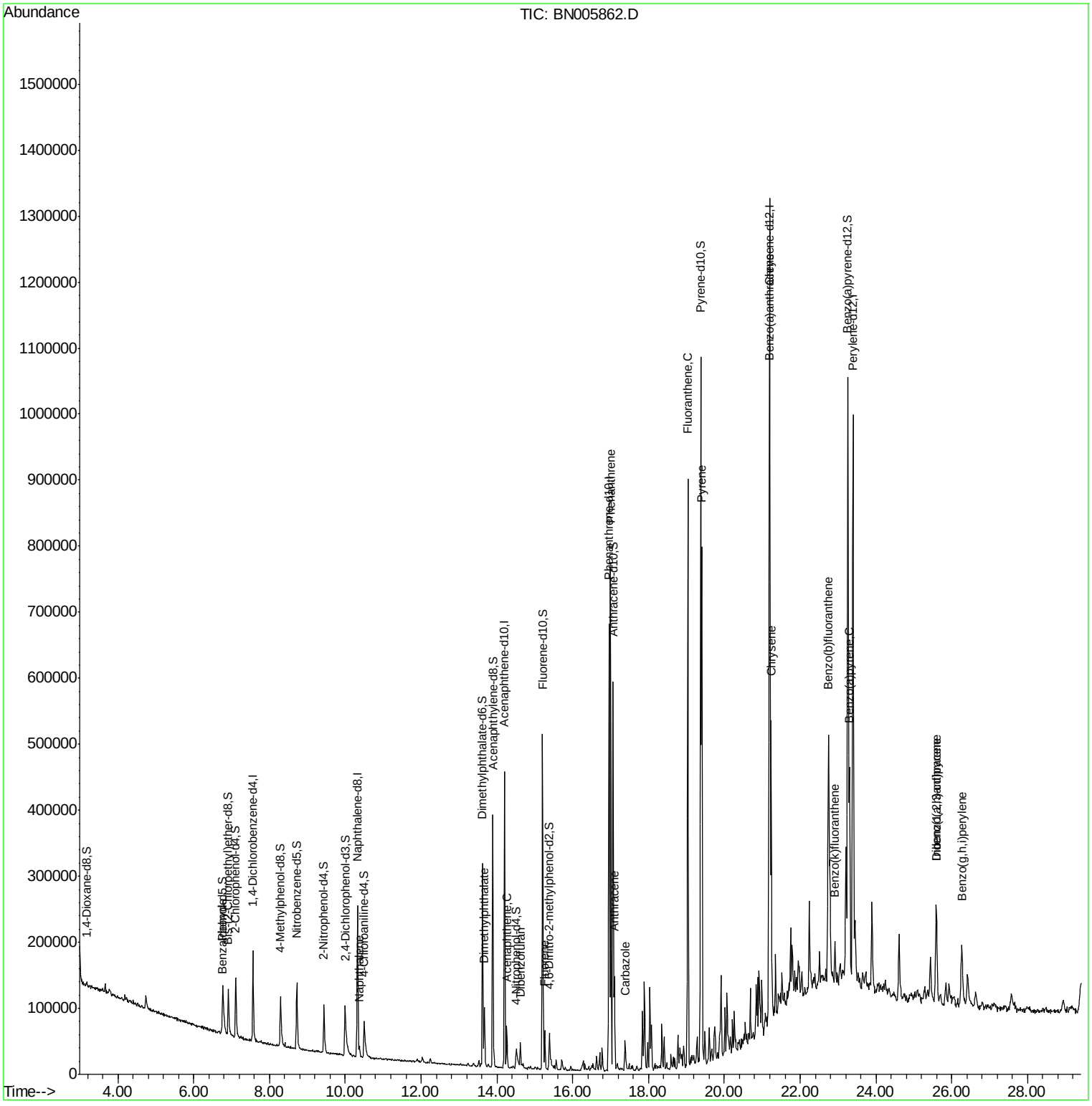
(#) = qualifier out of range (m) = manual integration (+) = signals summed

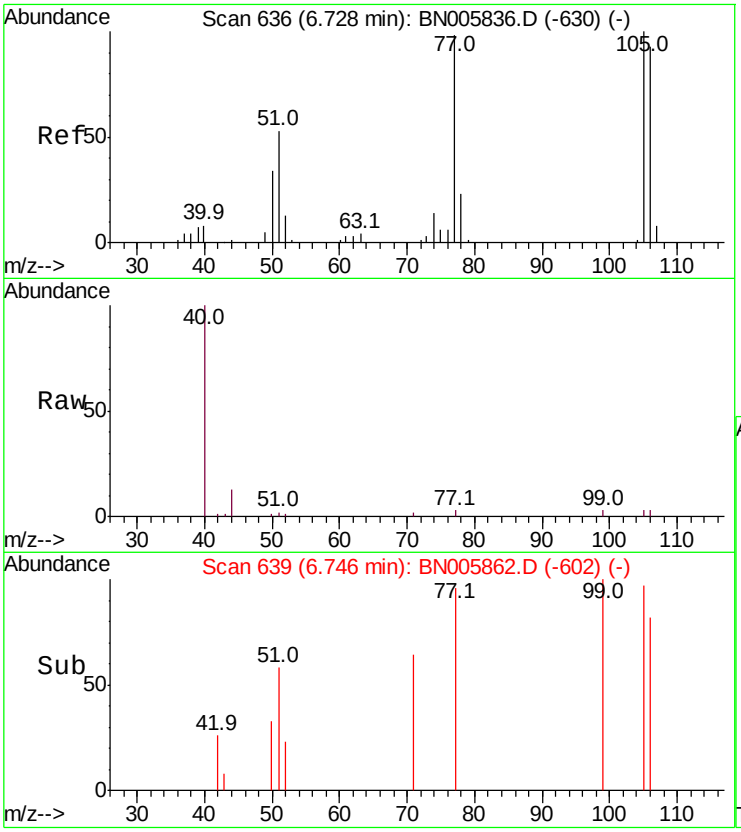
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005862.D
Acq On : 22 May 2019 21:45
Operator : JU/SJ
Sample : K2925-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 23 01:16:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration



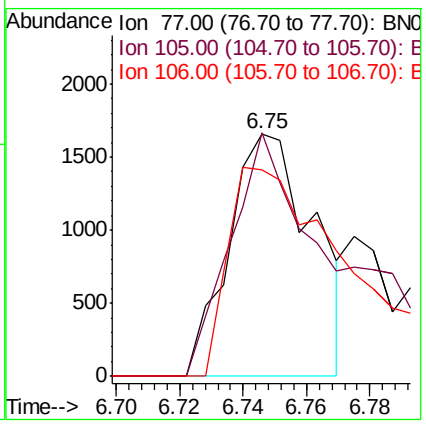


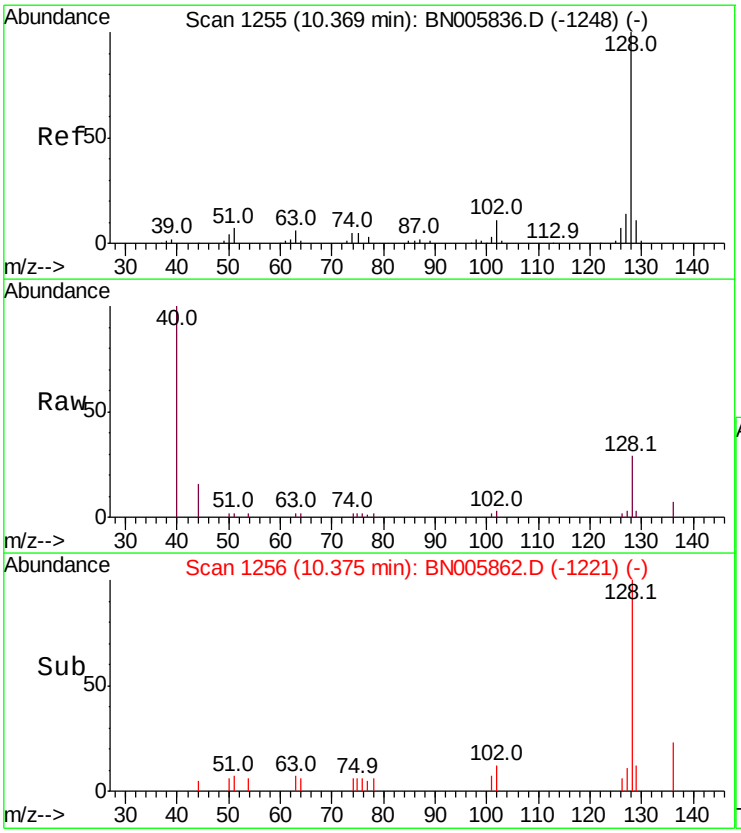
#4
Benzaldehyde
Concen: 1.251 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. 0.02 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 3076

Ion	Ratio	Lower	Upper
77	100		
105	100.5	77.4	116.2
106	85.1	76.3	114.5

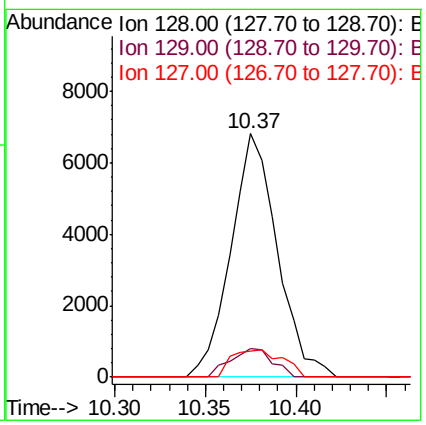


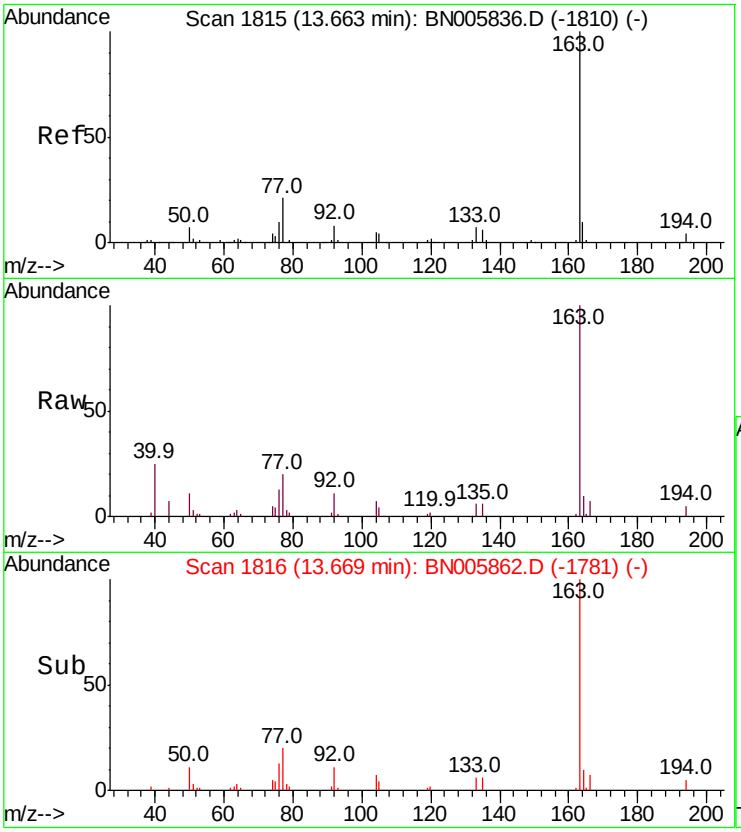


#28
Naphthalene
Concen: 1.270 ng/ul
RT: 10.37 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Tgt Ion:128 Resp: 12111

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	10.5	10.7	16.1#



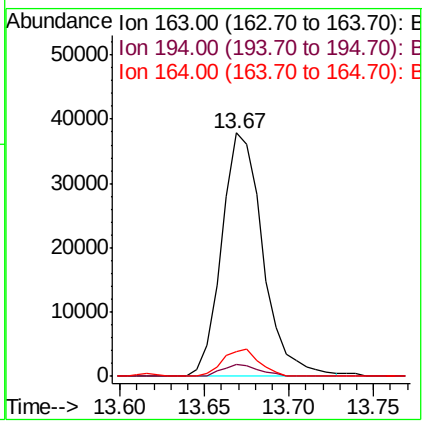


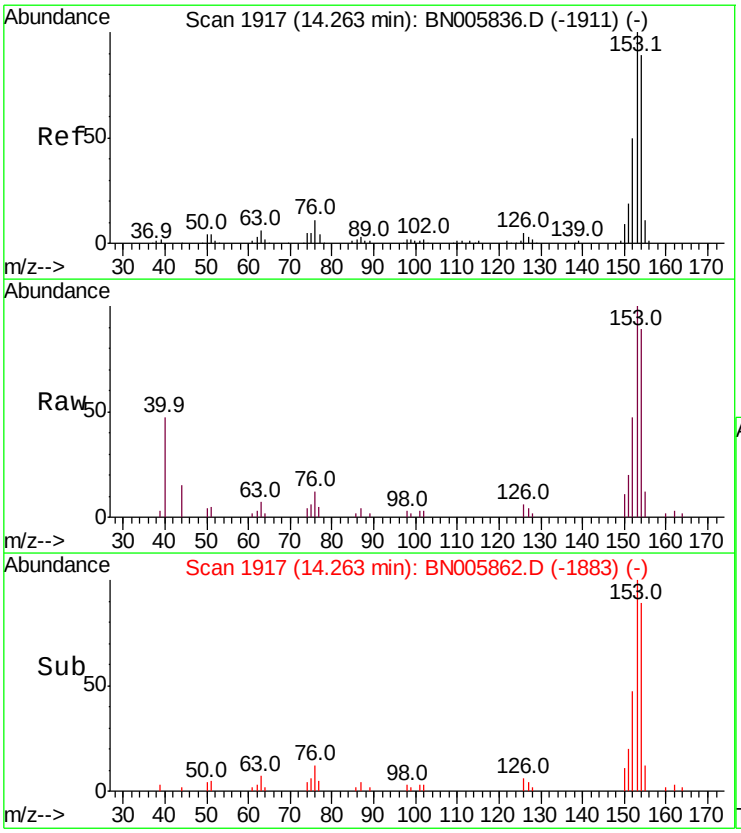
#44
Dimethylphthalate
Concen: 5.856 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 64222

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.4	8.1	12.1

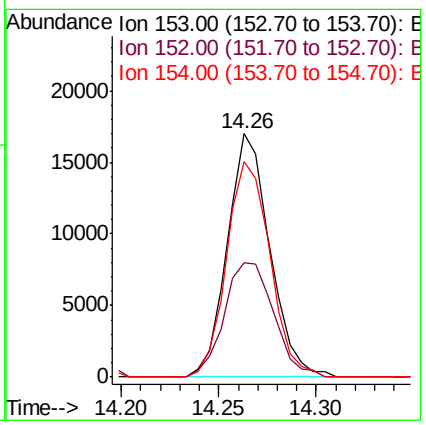


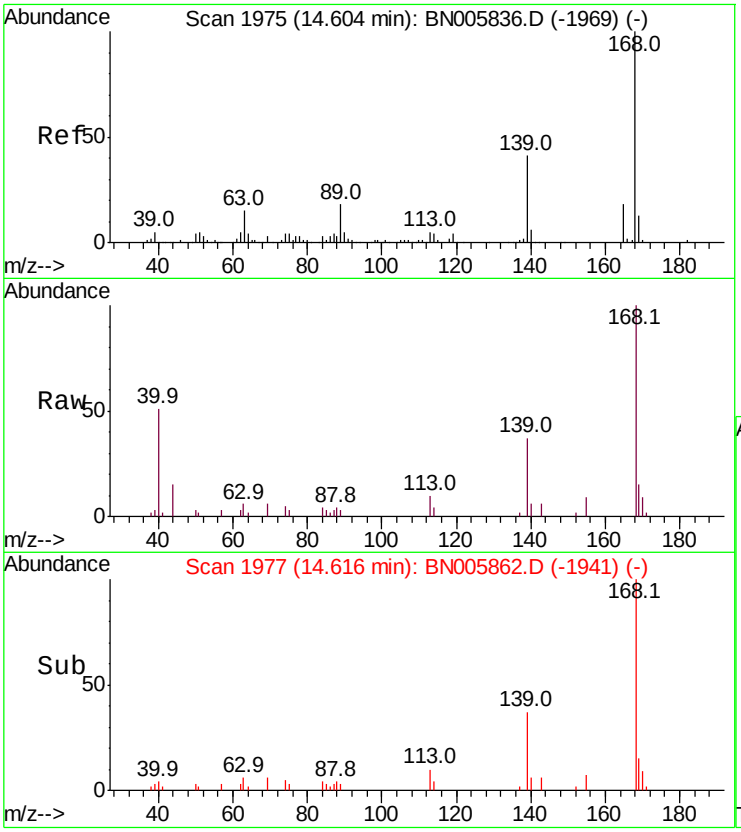


#49
Acenaphthene
Concen: 2.914 ng/ul
RT: 14.26 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Tgt Ion:153 Resp: 25697

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.4	56.0
154	88.5	71.2	106.8



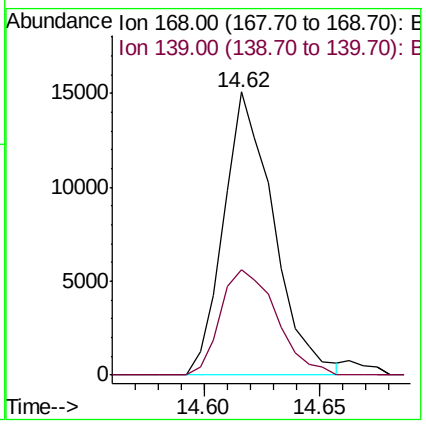


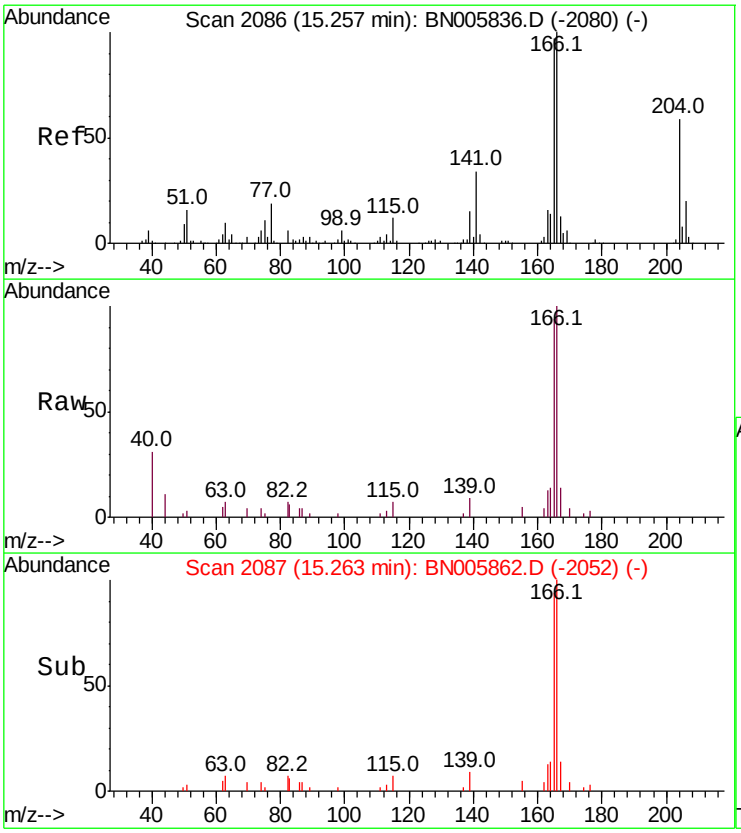
#53
Dibenzofuran
Concen: 1.736 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:168 Resp: 22709

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.9	46.3

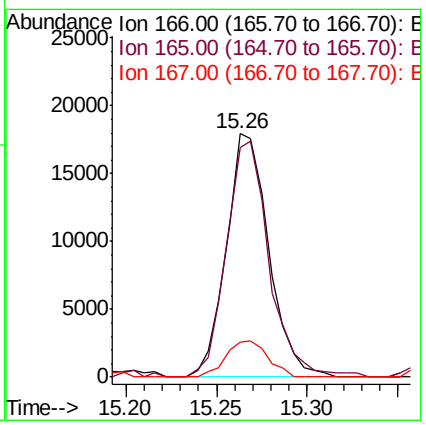


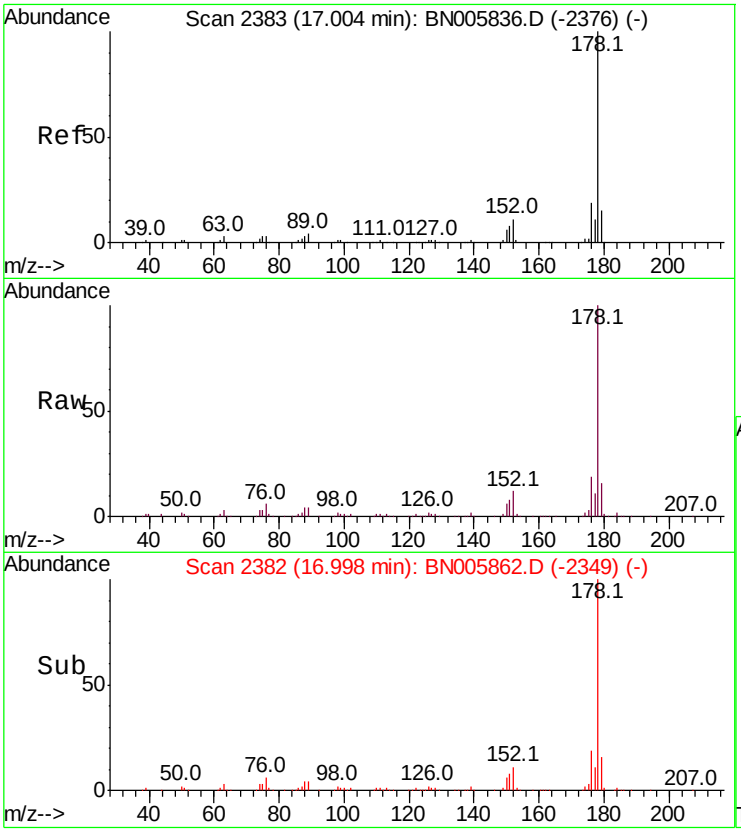


#58
Fluorene
Concen: 2.755 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Tgt Ion:166 Resp: 29315

Ion	Ratio	Lower	Upper
166	100		
165	94.0	80.0	120.0
167	14.3	10.7	16.1



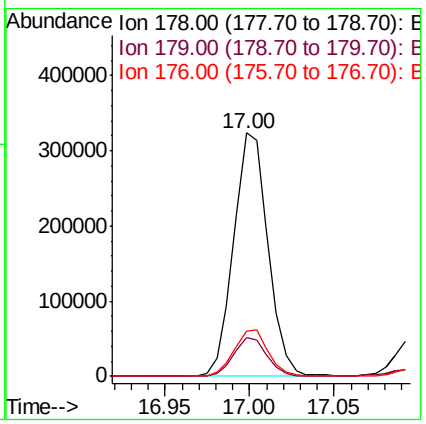


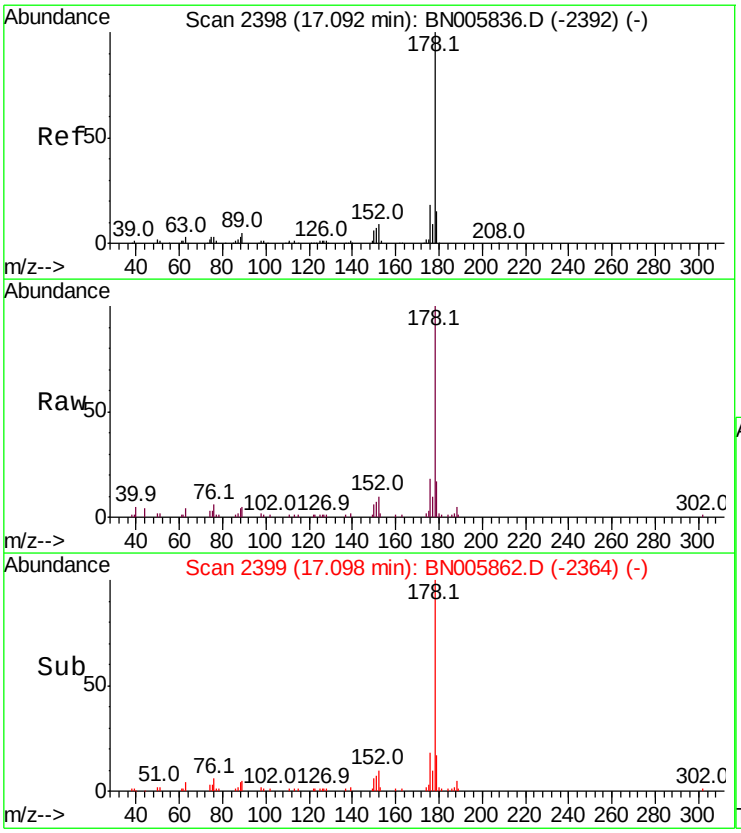
#69
Phenanthrene
Concen: 22.609 ng/ul
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 459643

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	18.7	15.1	22.7

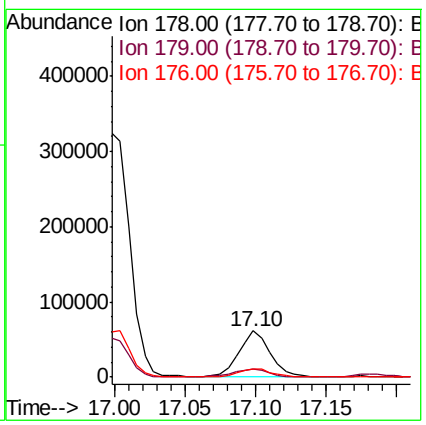


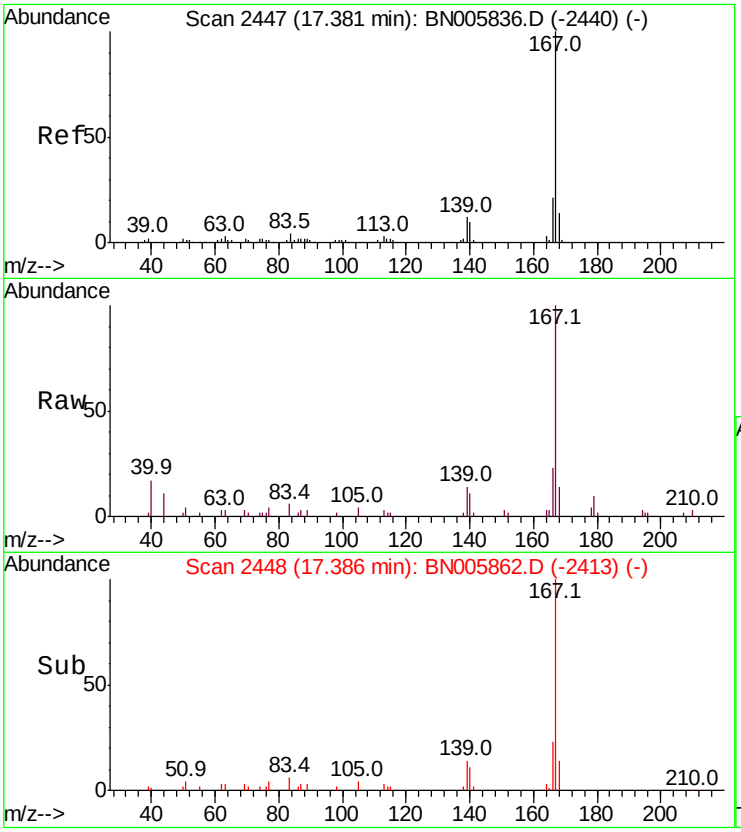


#71
Anthracene
Concen: 4.615 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Tgt Ion:178 Resp: 95532

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.3	18.5
176	17.5	15.1	22.7



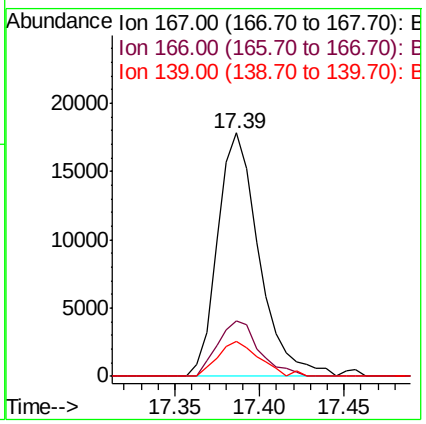


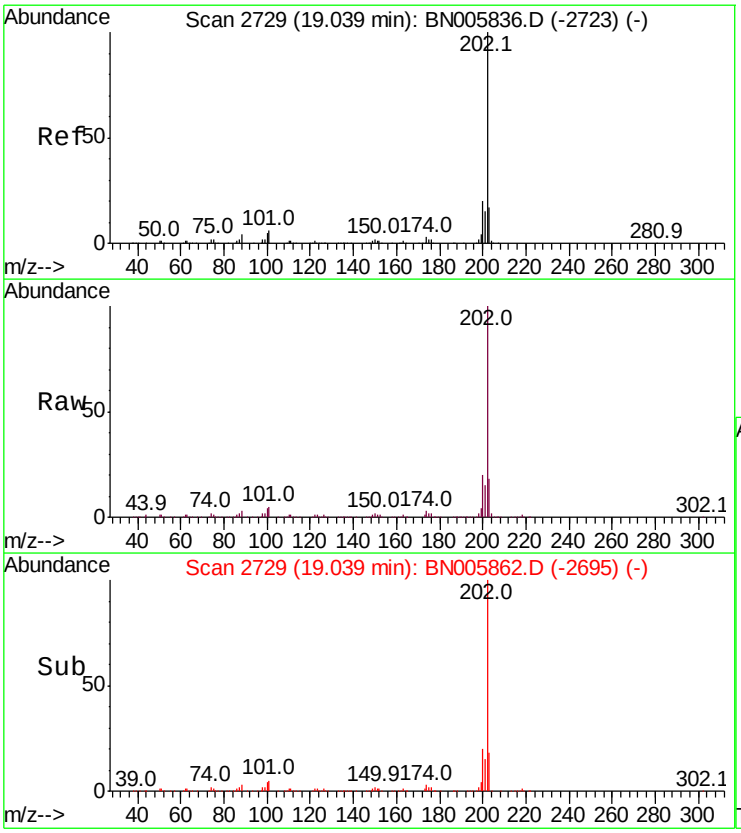
#74
Carbazole
Concen: 1.672 ng/ul
RT: 17.39 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 30514

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.2	25.8
139	14.3	10.6	16.0

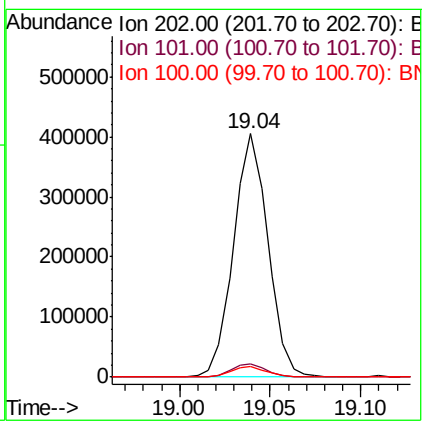


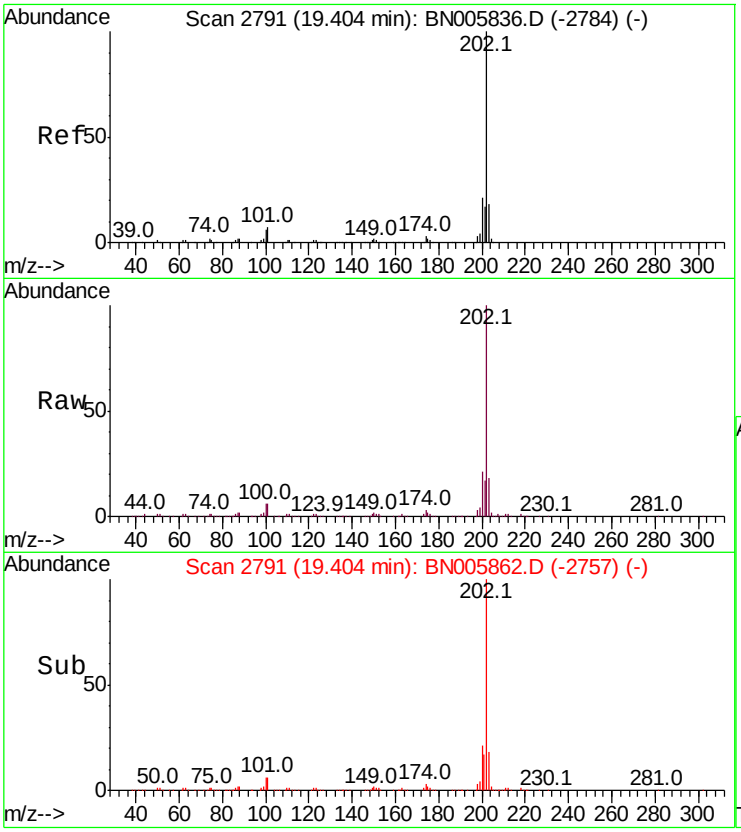


#76
Fluoranthene
Concen: 21.322 ng/ul
RT: 19.04 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Tgt Ion:202 Resp: 535941

Ion	Ratio	Lower	Upper
202	100		
101	5.4	8.6	12.8#
100	4.2	6.3	9.5#



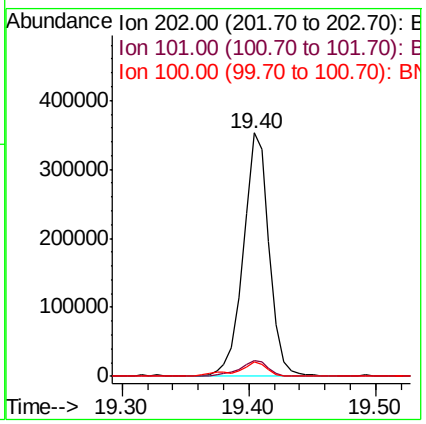


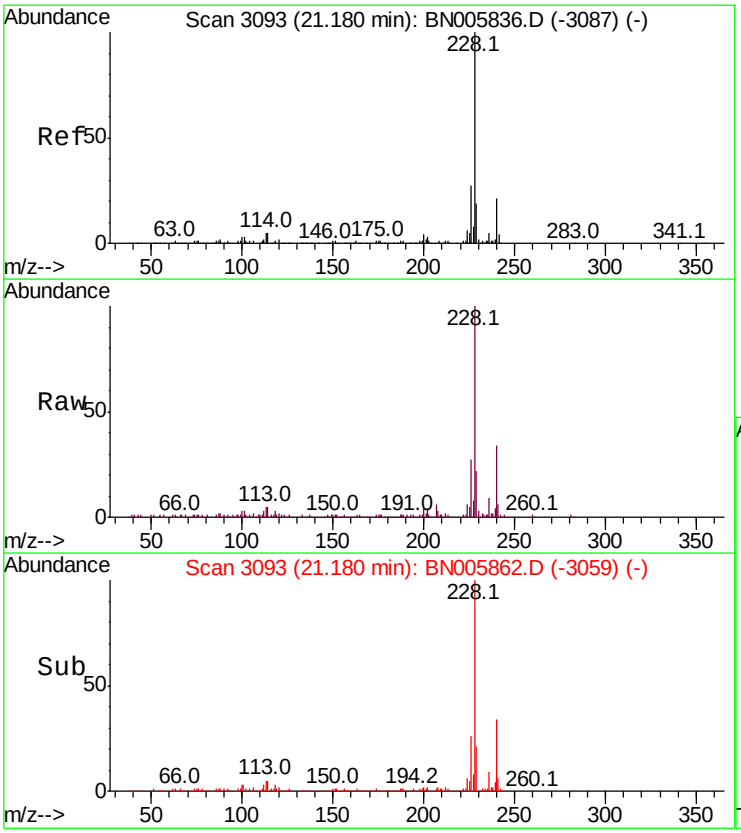
#79
Pyrene
Concen: 15.285 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 496915

Ion	Ratio	Lower	Upper
202	100		
101	6.3	10.3	15.5#
100	6.1	7.9	11.9#

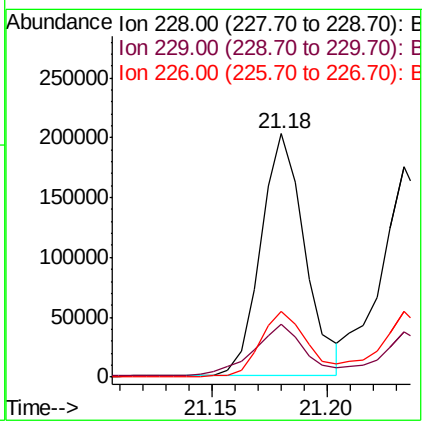


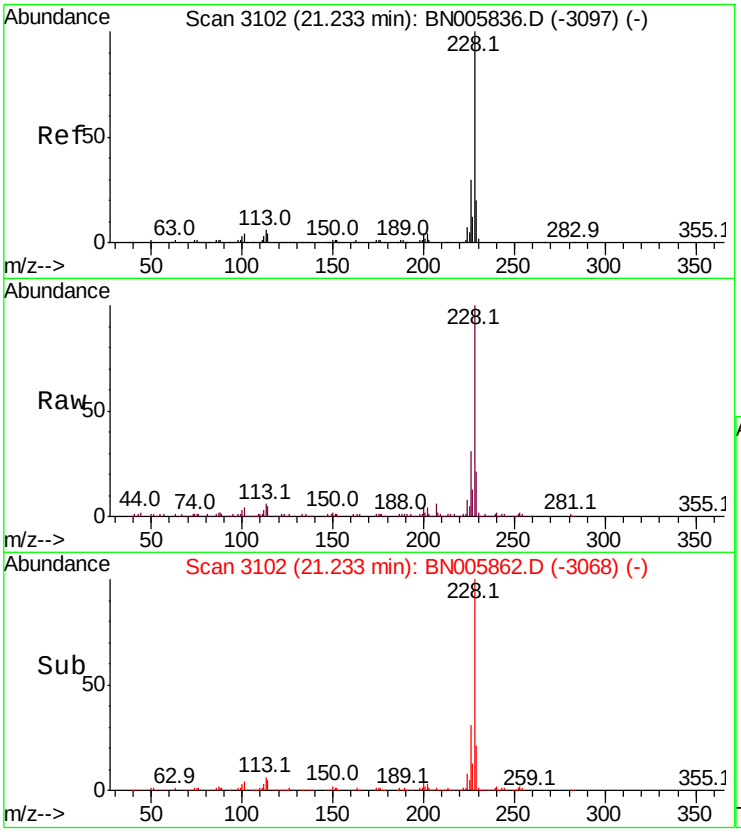


#82
Benzo(a)anthracene
Concen: 8.089 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Tgt Ion:228 Resp: 269769

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.6
226	26.8	21.4	32.2



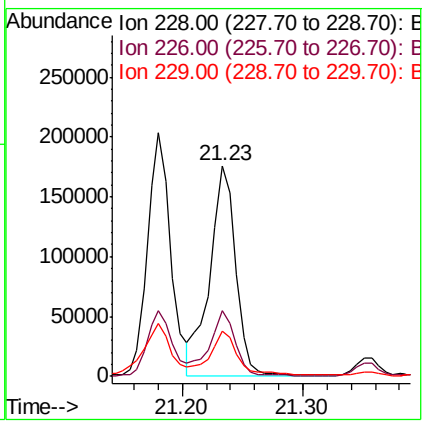


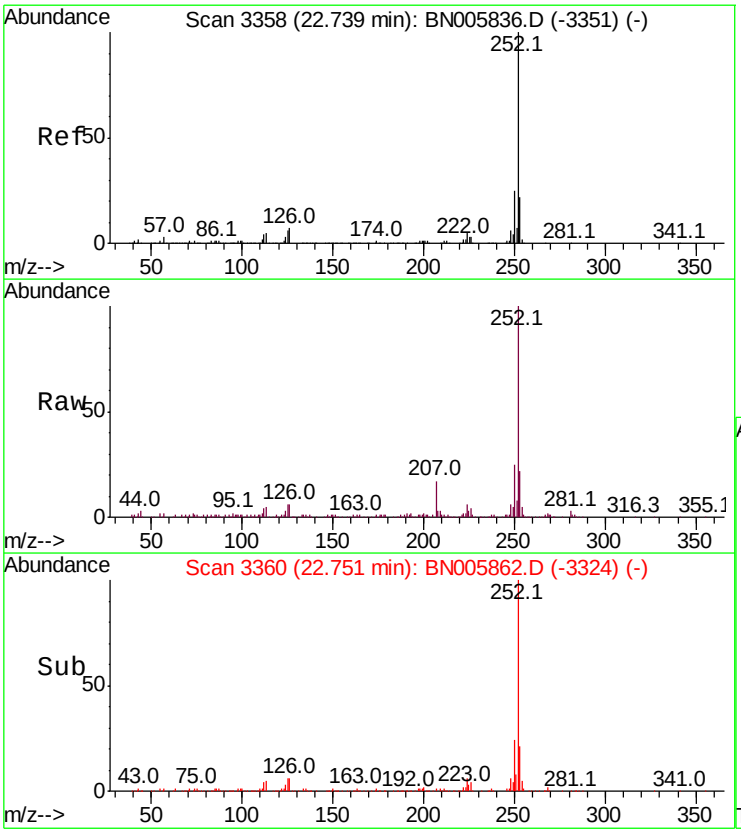
#84
Chrysene
Concen: 8.255 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 259525

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	21.3	15.4	23.0

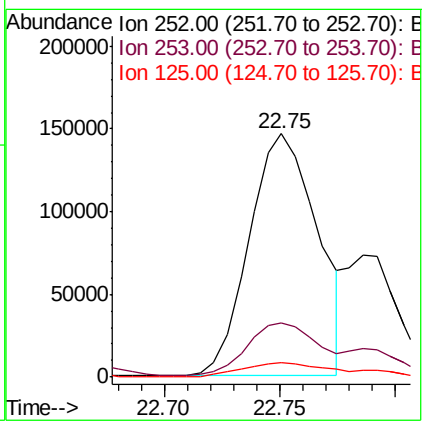


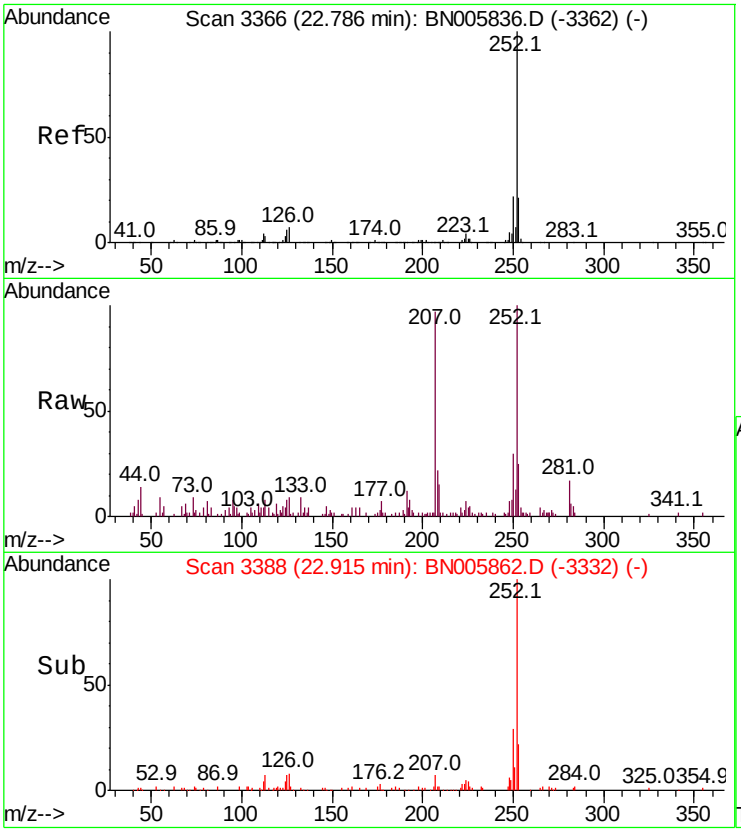


#87
Benzo(b)fluoranthene
Concen: 8.229 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Tgt Ion:252 Resp: 301883

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	6.0	8.4	12.6#



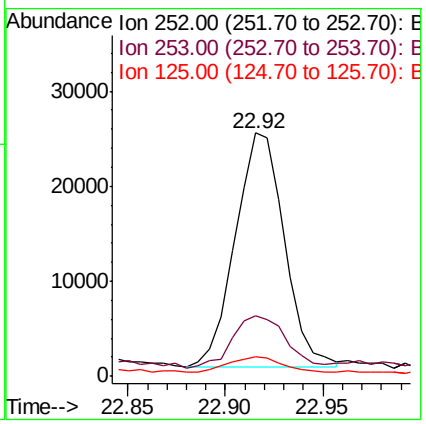


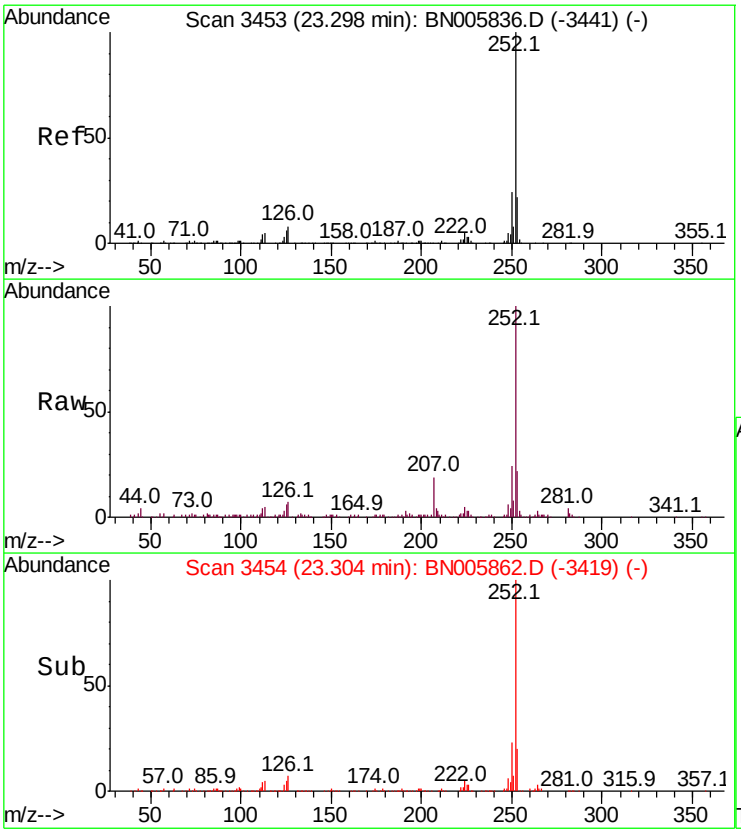
#88
Benzo(k)fluoranthene
Concen: 1.201 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. 0.13 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 42628

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	7.8	7.5	11.3

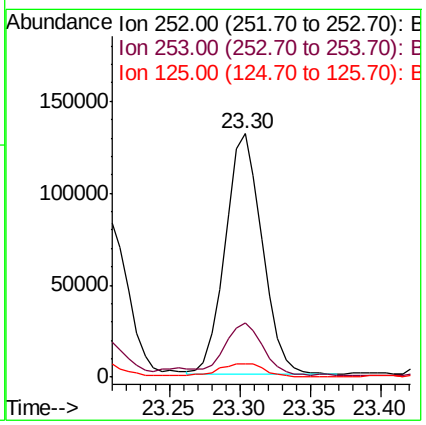


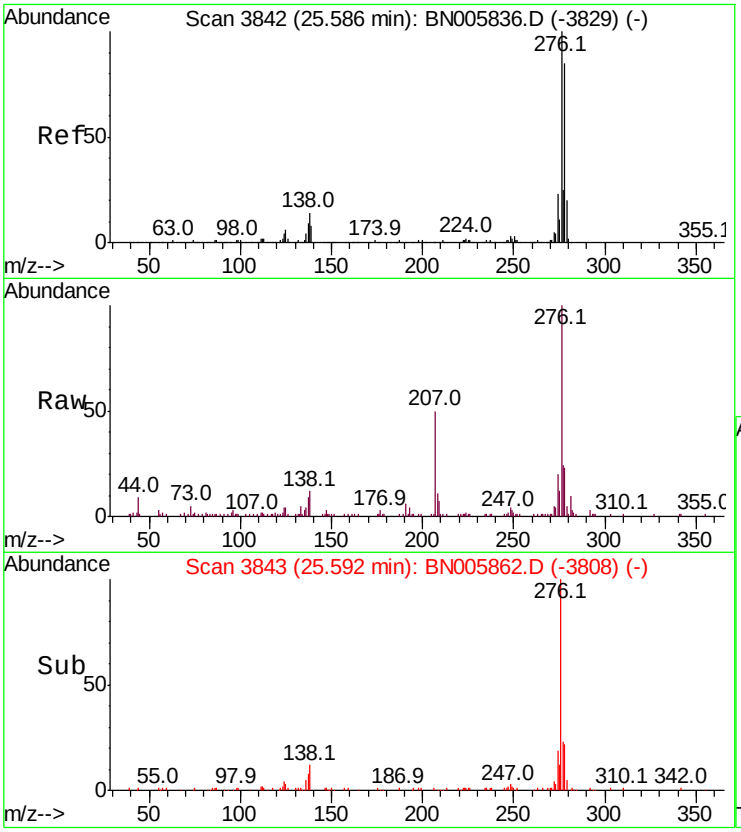


#90
Benzo(a)pyrene
Concen: 6.742 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Tgt Ion:252 Resp: 239517

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	5.6	8.6	13.0#



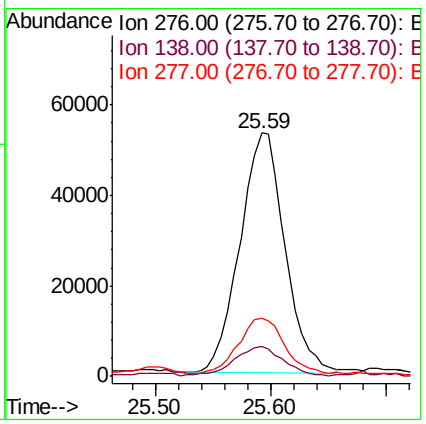


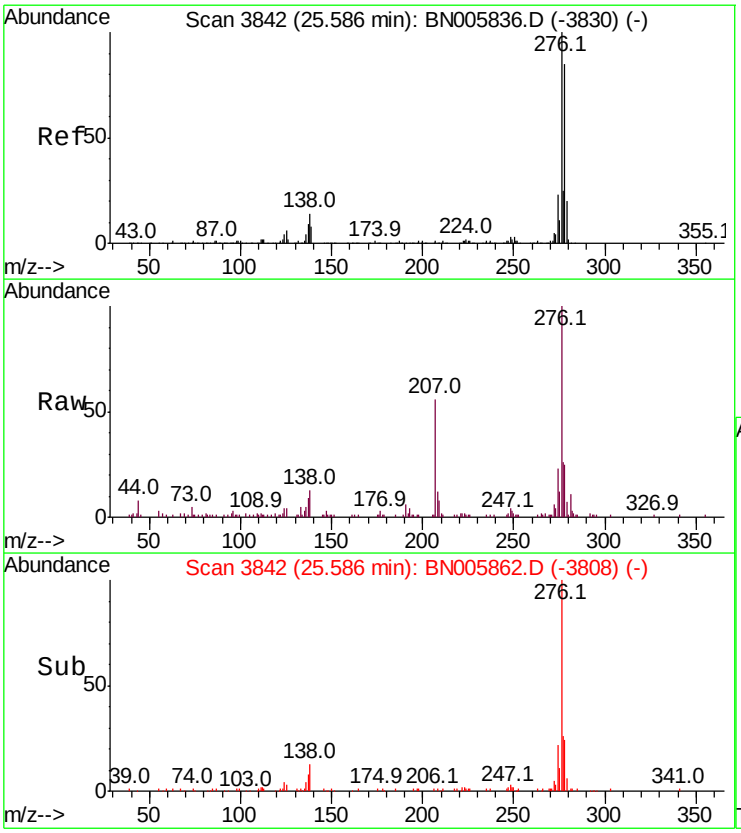
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.312 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 143838

Ion	Ratio	Lower	Upper
276	100		
138	12.3	17.9	26.9#
277	23.7	19.7	29.5

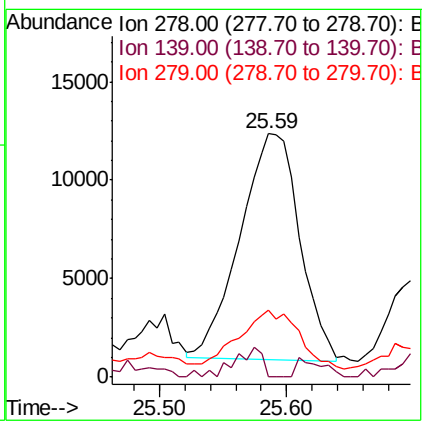


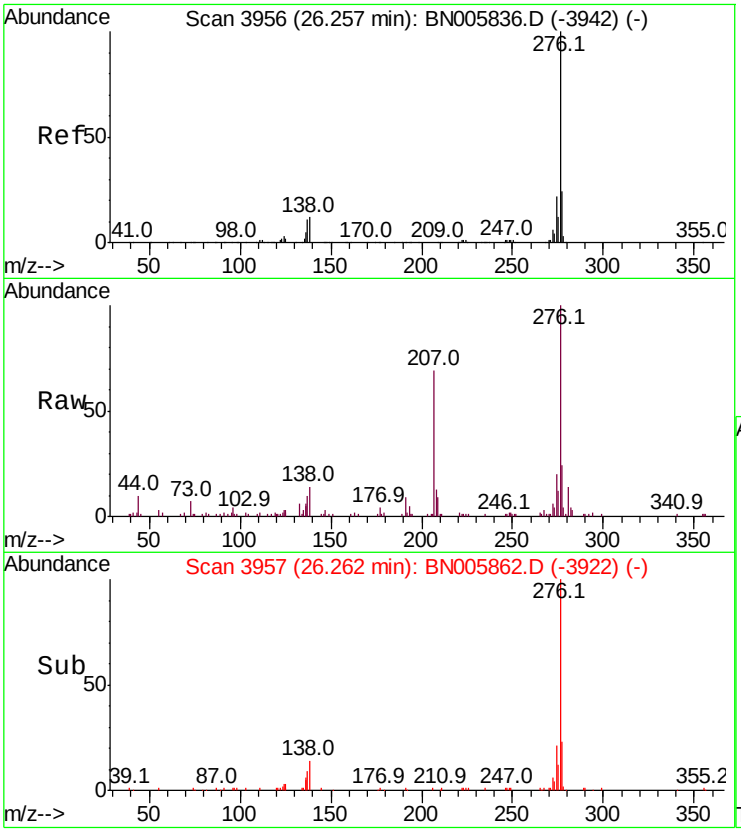


#92
Dibenzo(a,h)anthracene
Concen: 1.028 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.00 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Tgt Ion:278 Resp: 37591

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	27.4	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 3.357 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. 0.01 min
Lab File: BN005862.D
Acq: 22 May 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 121862

Ion	Ratio	Lower	Upper
276	100		
138	14.1	16.7	25.1#
277	24.2	18.2	27.2