Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010531.D
Acq On : 17 Apr 2020 00:05
Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

Quant Time: Apr 17 01:08:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	554272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2392190	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1534465	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3339532	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3235184	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2913424	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	77283	7.30	ng/uL	0.00
5) Phenol-d5	6.78	99	1664904	38.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	892262	40.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1410633	37.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1360207	36.86	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	745885	40.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	820416	39.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1482203	36.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1515083	32.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	4612476	40.51	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	5616338	40.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	796808	35.95	ng/ul	0.00
58) Fluorene-d10	15.22	176	4054230	39.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	669059	38.35	ng/ul	0.00
71) Anthracene-d10	17.07	188	6119116	39.56	ng/ul	0.00
79) Pyrene-d10	19.37	212	7084430	38.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	6353110	42.04	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.40	128	323592	2.517	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	187053	2.059	ng/ul	99
35) 1-Methylnaphthalene	12.24	142	151666	1.668	ng/uL	98
45) Dimethylphthalate	13.69	163	139150	1.177	ng/ul	99
50) Acenaphthene	14.29	153	461685	4.571	ng/ul	98
54) Dibenzofuran	14.62	168	627599	4.438	ng/ul	99
59) Fluorene	15.27	166	703908	6.071	ng/ul	98
70) Phenanthrene	17.02	178	8100617	43.680	ng/ul	99
72) Anthracene	17.10	178	1795120	9.549	ng/ul	99
75) Carbazole	17.37	167	603286	3.907	ng/ul	98
77) Fluoranthene	19.04	202	8429441	41.833	ng/ul	97
80) Pyrene	19.40	202	7311109	31.277	ng/ul	98
83) Benzo(a)anthracene	21.16	228	3991327	17.784	ng/ul	99
85) Chrysene	21.21	228	3481652	16.499	ng/ul	98
88) Benzo(b)fluoranthene	22.70	252	3498286	18.401	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	3498286	18.547	ng/ul	99
91) Benzo(a)pyrene	23.25	252	2343523	13.875	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	1365551	7.183	ng/ul	96
93) Dibenzo(a,h)anthracene	25.49	278	399124	2.500	ng/ul#	86
94) Benzo(g,h,i)perylene	26.14	276	884529	5.622	ng/ul	96

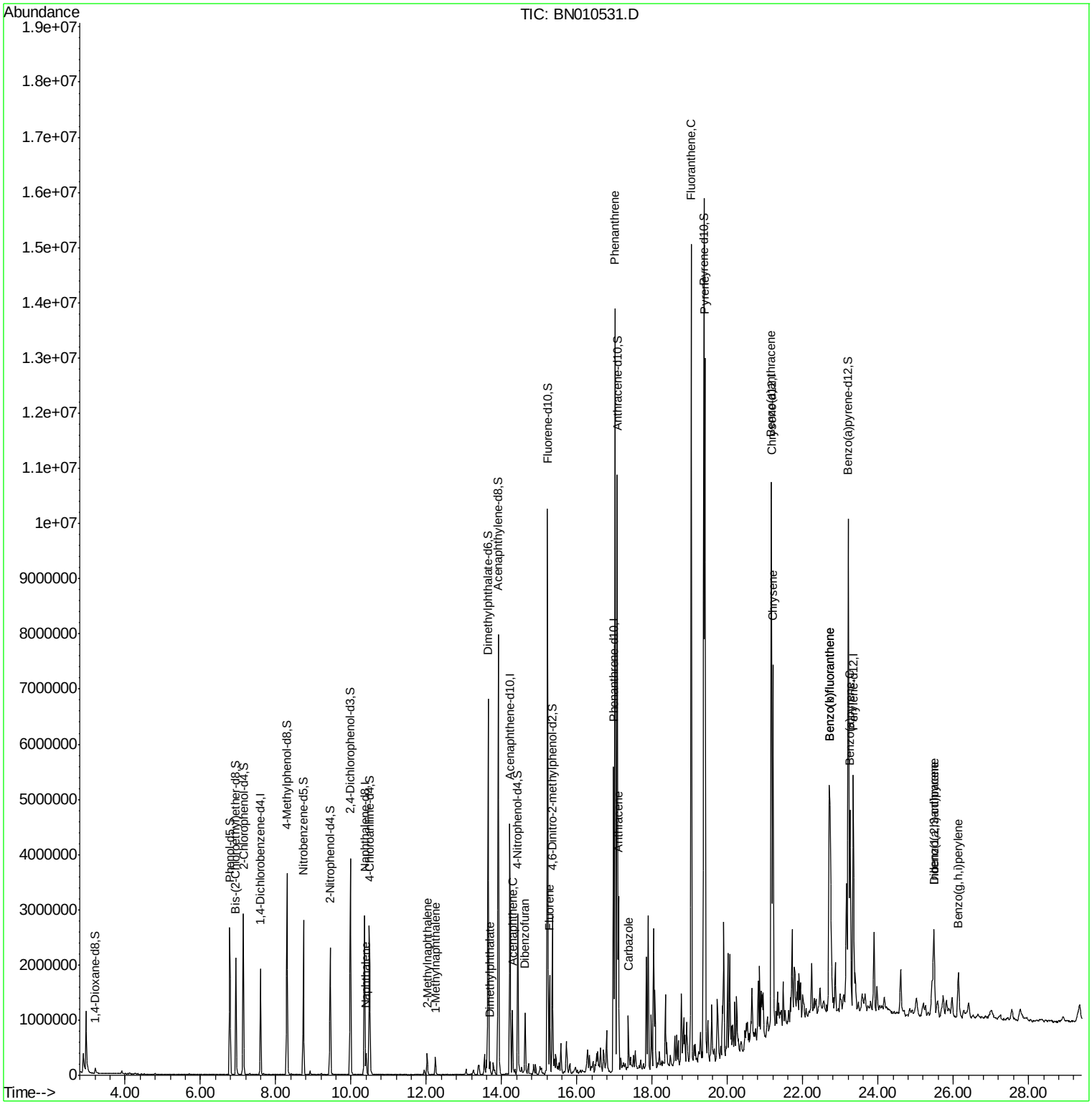
(#) = qualifier out of range (m) = manual integration (+) = signals summed

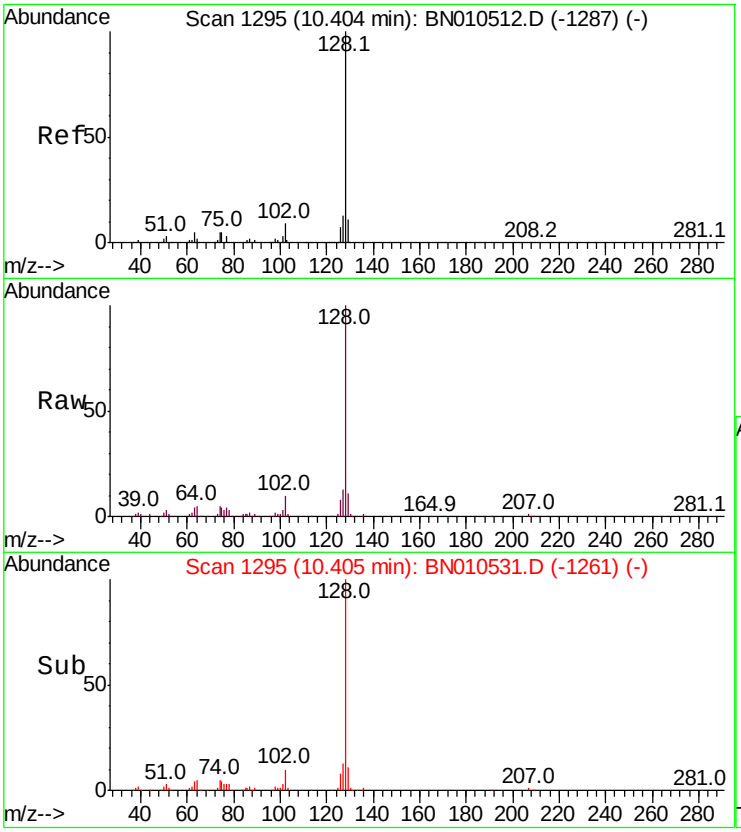
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010531.D
Acq On : 17 Apr 2020 00:05
Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB7A2

Quant Time: Apr 17 01:08:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration



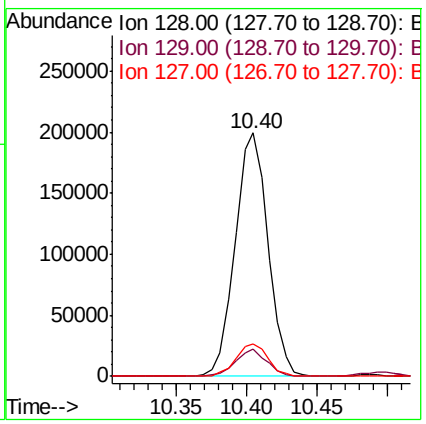


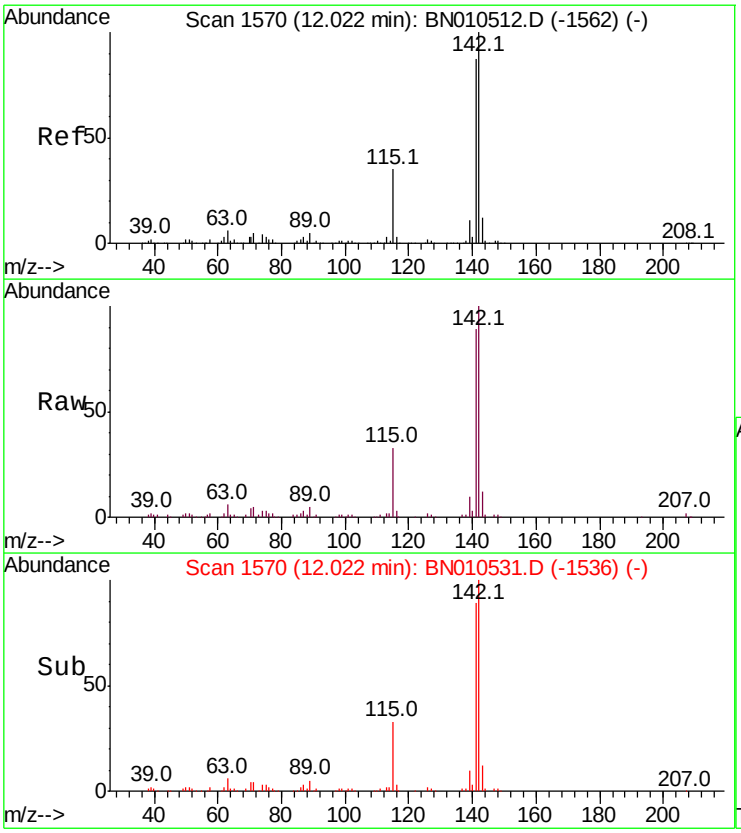
#28
Naphthalene
Concen: 2.517 ng/ul
RT: 10.40 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Instrument :
BNA_N
ClientSampleId :
CB7A2

Tgt Ion:128 Resp: 323592

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.1	10.7	16.1

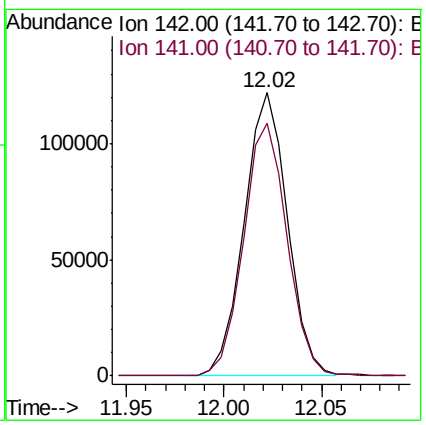


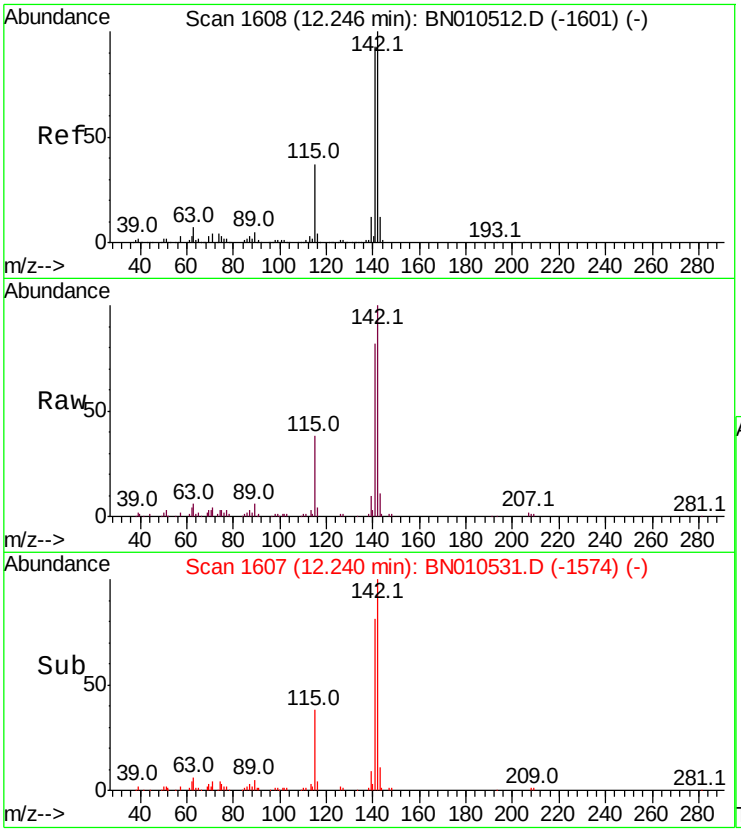


#34
2-Methylnaphthalene
Concen: 2.059 ng/ul
RT: 12.02 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Tgt Ion:142 Resp: 187053

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.8	107.8



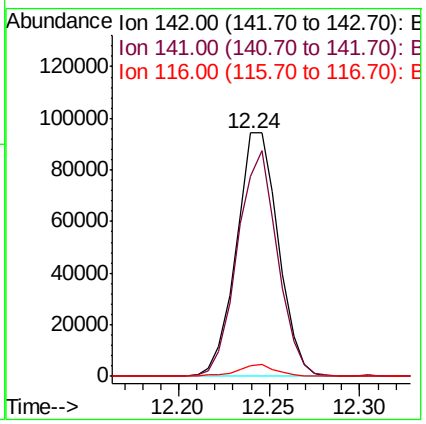


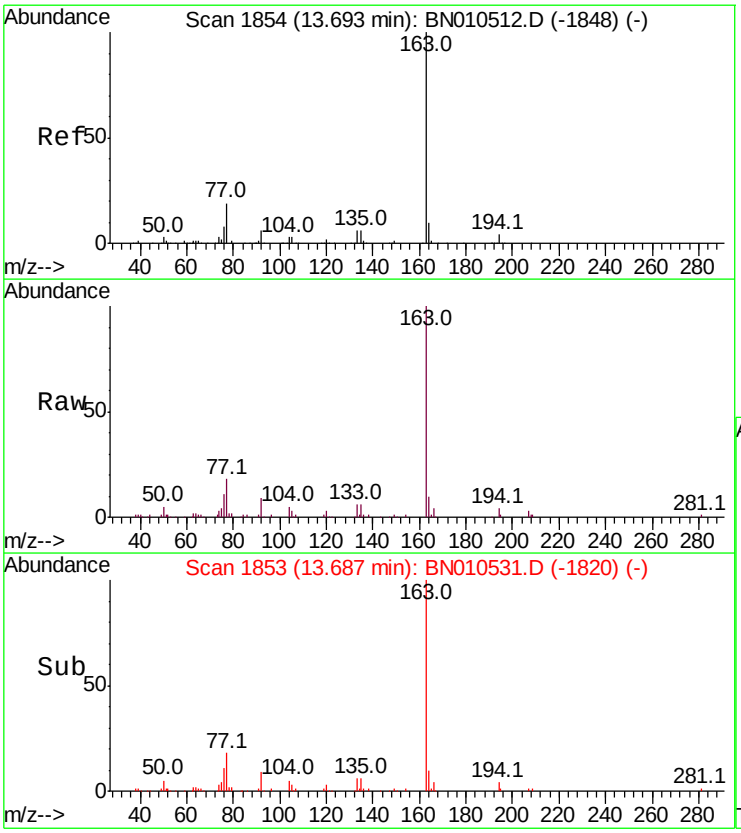
#35
1-Methylnaphthalene
Concen: 1.668 ng/uL
RT: 12.24 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Instrument :
BNA_N
ClientSampleId :
CB7A2

Tgt Ion:142 Resp: 151666

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8
116	4.2	3.0	4.6

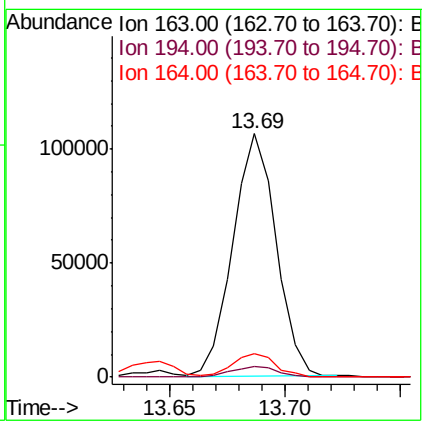


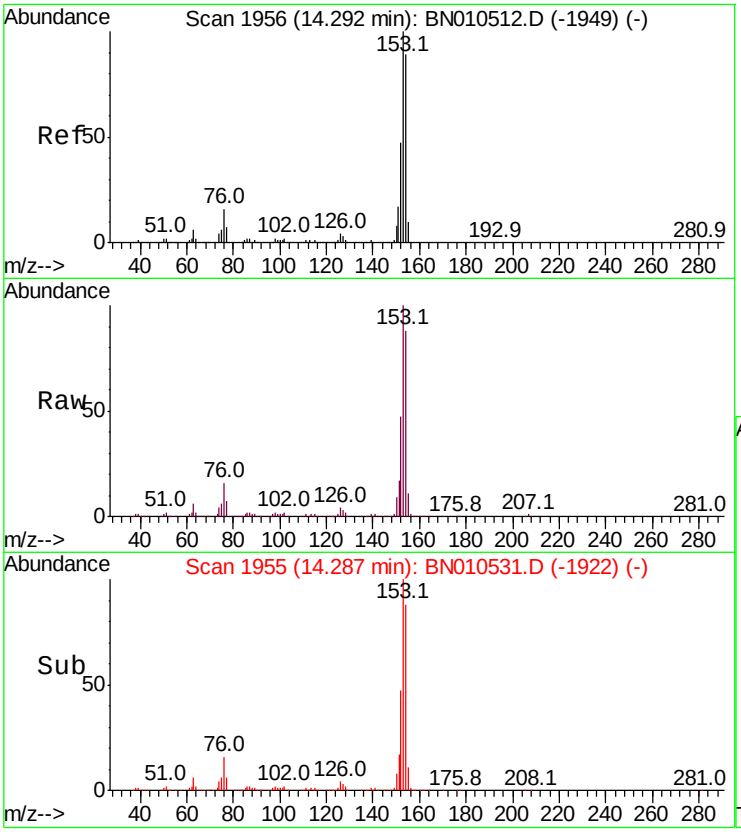


#45
Dimethylphthalate
Concen: 1.177 ng/ul
RT: 13.69 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Tgt Ion:163 Resp: 139150

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.9	8.0	12.0



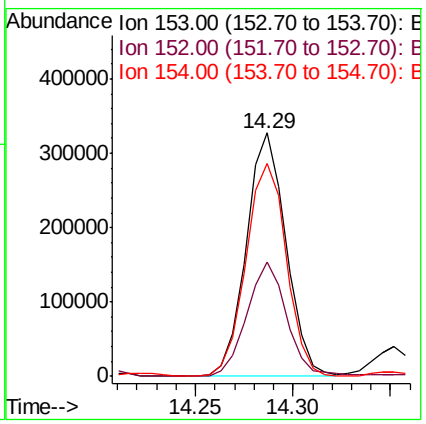


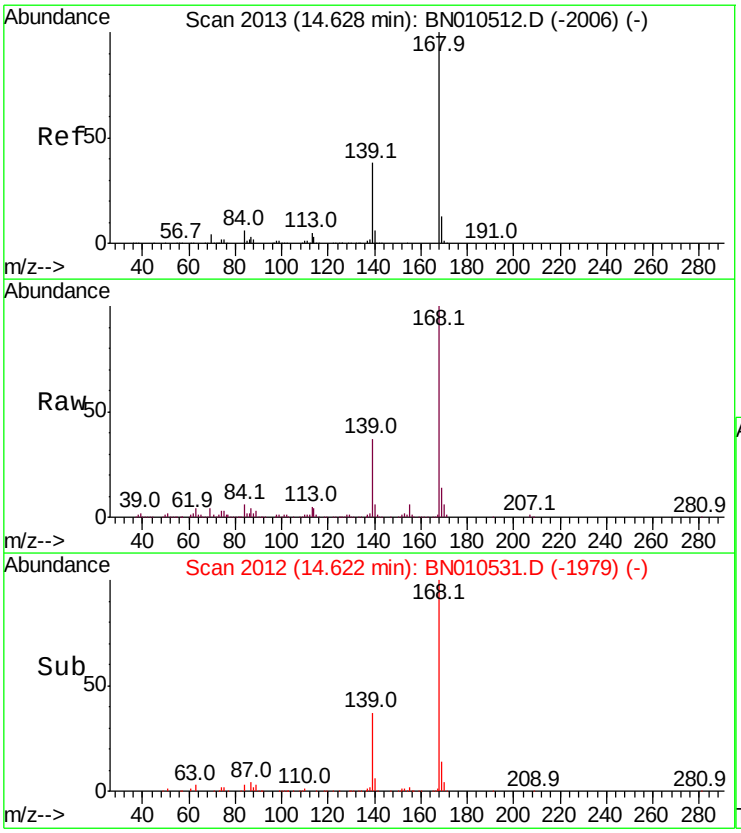
#50
Acenaphthene
Concen: 4.571 ng/ul
RT: 14.29 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Instrument :
BNA_N
ClientSampleId :
CB7A2

Tgt Ion:153 Resp: 461685

Ion	Ratio	Lower	Upper
153	100		
152	47.0	36.8	55.2
154	87.5	68.2	102.2

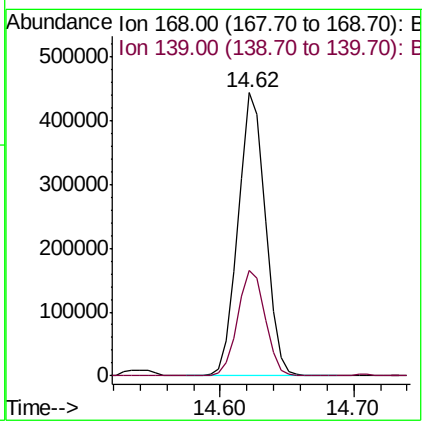


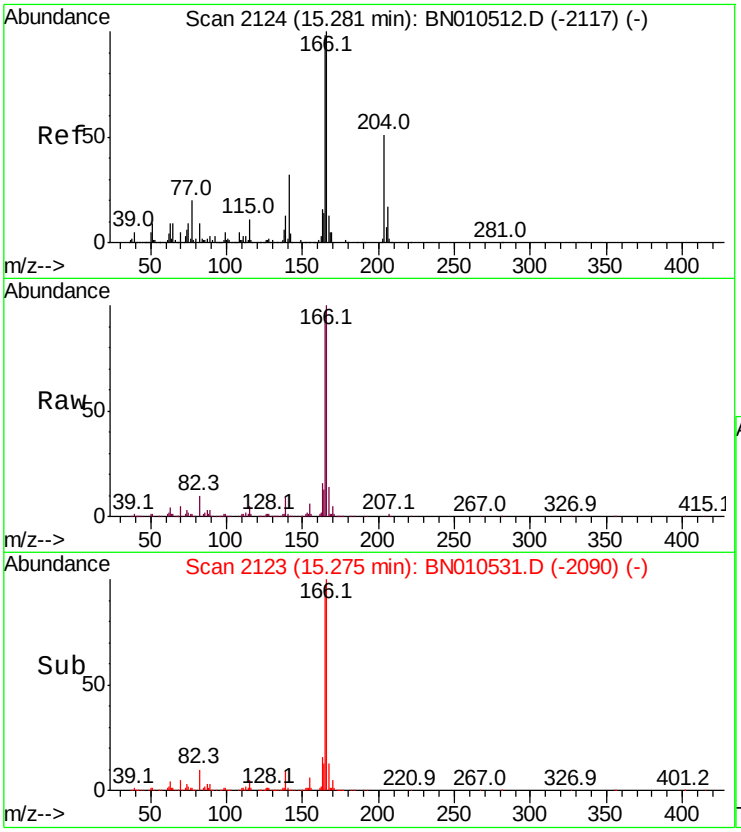


#54
Dibenzofuran
Concen: 4.438 ng/ul
RT: 14.62 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Tgt Ion:168 Resp: 627599

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.2	45.4



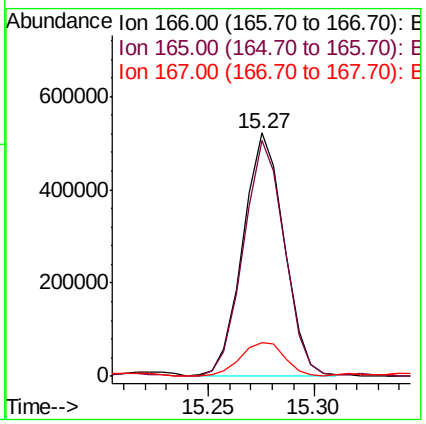


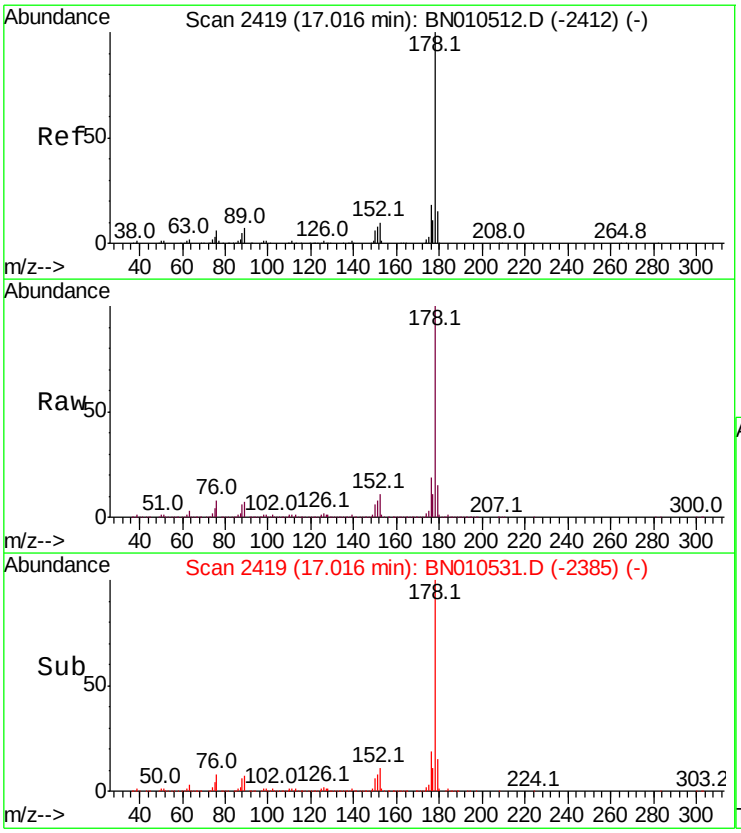
#59
Fluorene
Concen: 6.071 ng/ul
RT: 15.27 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Instrument :
BNA_N
ClientSampleId :
CB7A2

Tgt Ion:166 Resp: 703908

Ion	Ratio	Lower	Upper
166	100		
165	97.1	75.9	113.9
167	13.9	11.2	16.8

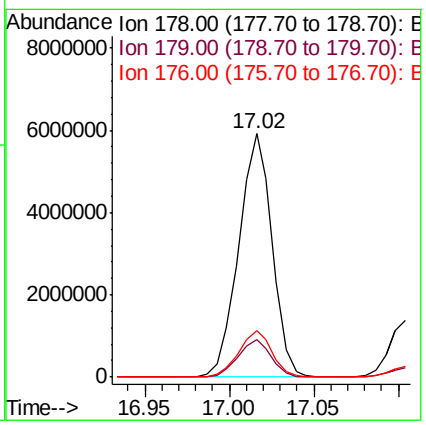


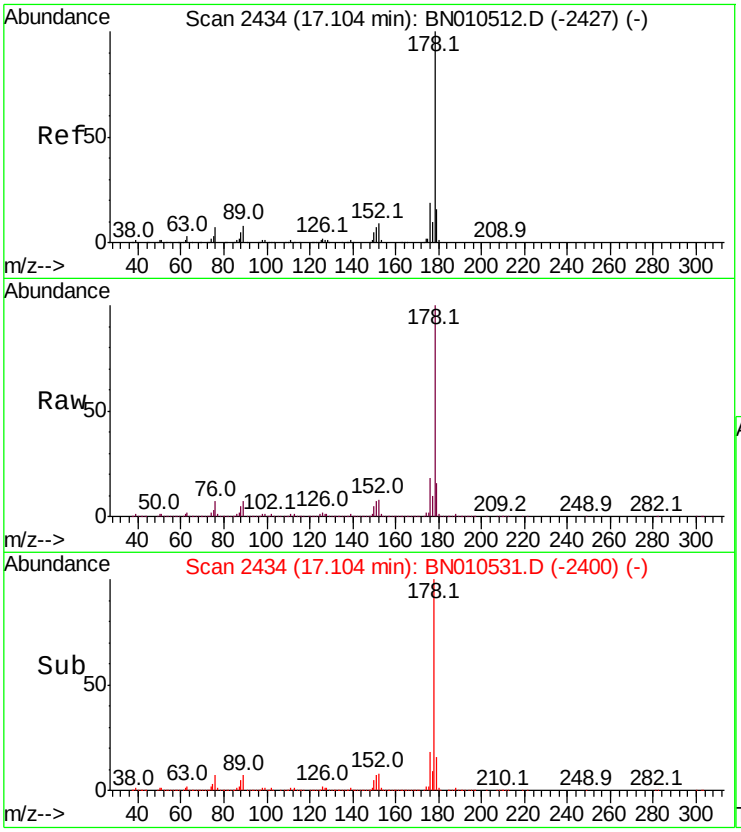


#70
Phenanthrene
Concen: 43.680 ng/ul
RT: 17.02 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Tgt Ion:178 Resp: 8100617

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.4	17.2
176	19.3	15.3	22.9



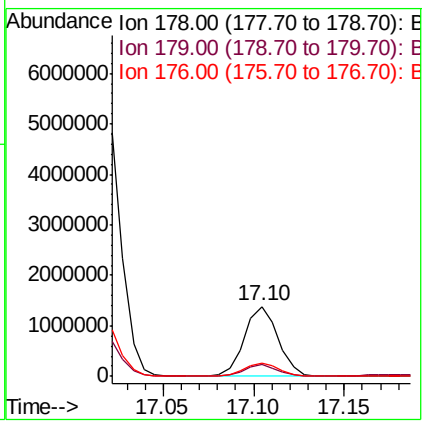


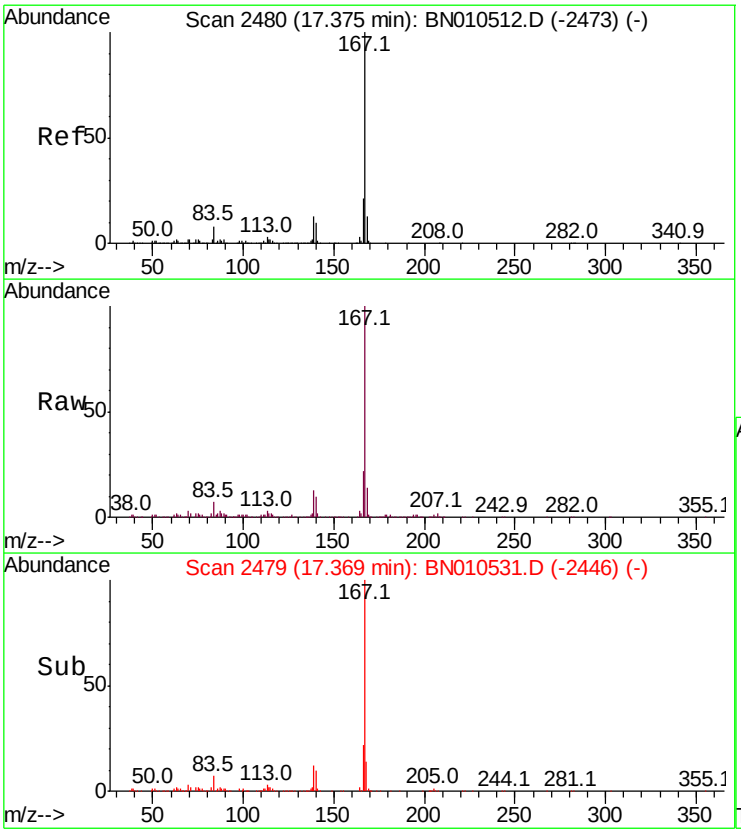
#72
Anthracene
Concen: 9.549 ng/ul
RT: 17.10 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Instrument :
BNA_N
ClientSampleId :
CB7A2

Tgt Ion:178 Resp: 1795120

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.3	14.2	21.4

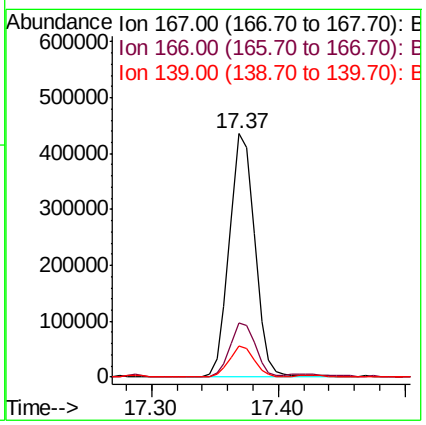


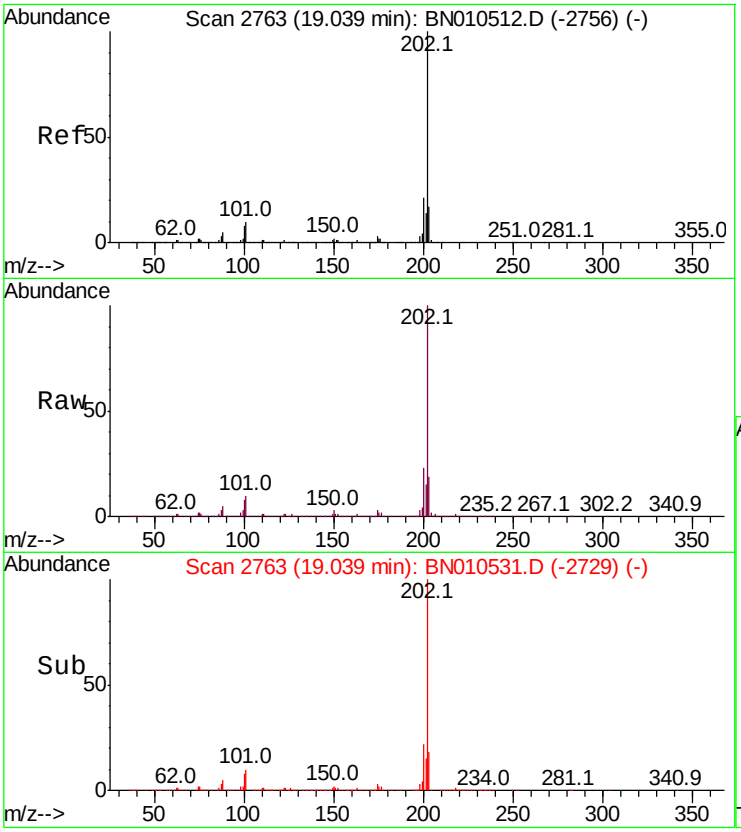


#75
Carbazole
Concen: 3.907 ng/ul
RT: 17.37 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Tgt Ion:167 Resp: 603286

Ion	Ratio	Lower	Upper
167	100		
166	22.4	16.8	25.2
139	12.7	10.1	15.1



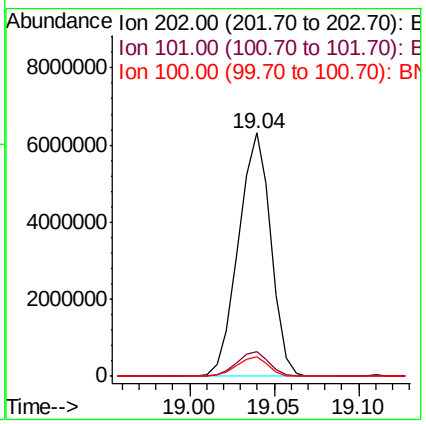


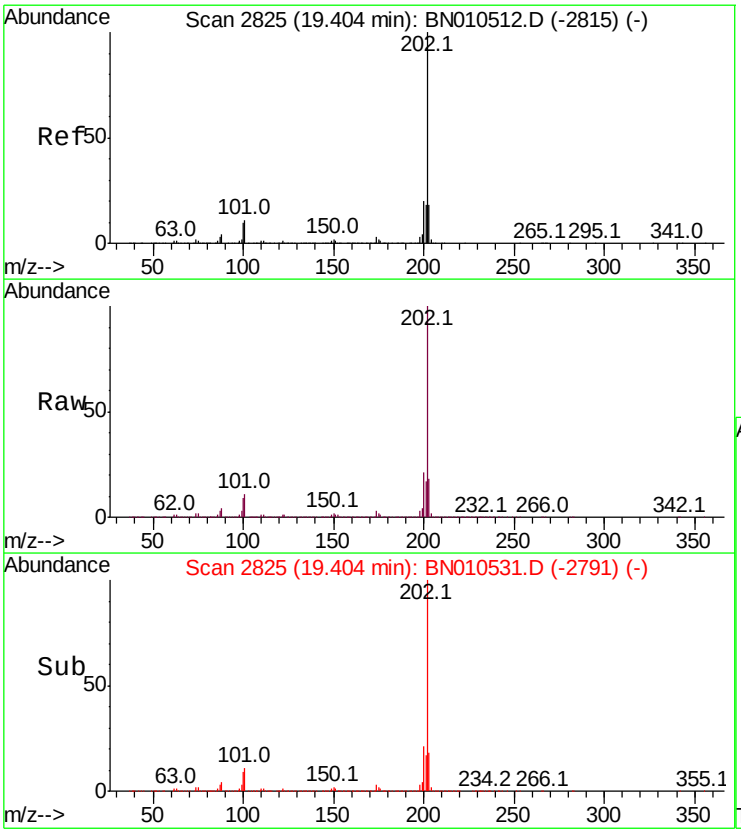
#77
Fluoranthene
Concen: 41.833 ng/ul
RT: 19.04 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Instrument :
BNA_N
ClientSampleId :
CB7A2

Tgt Ion:202 Resp: 8429441

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.1	10.7
100	7.9	5.5	8.3

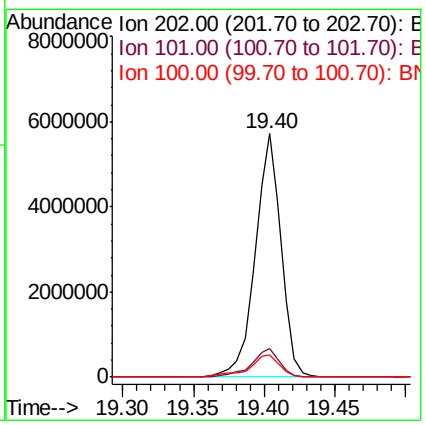


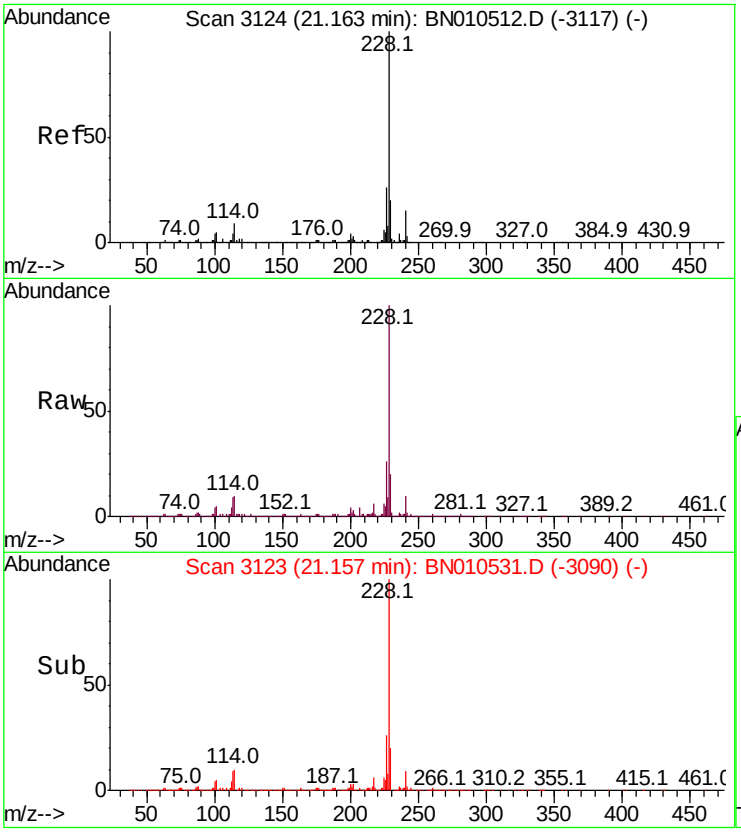


#80
Pyrene
Concen: 31.277 ng/ul
RT: 19.40 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Tgt Ion:202 Resp: 7311109

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.6	13.0
100	9.3	7.0	10.6



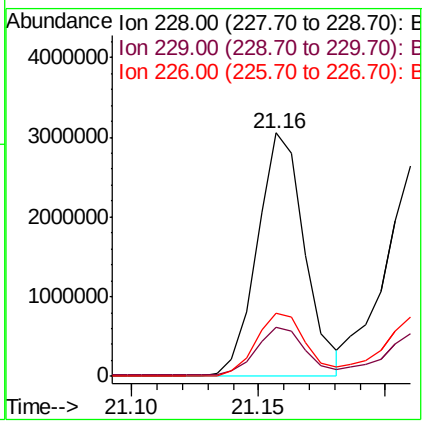


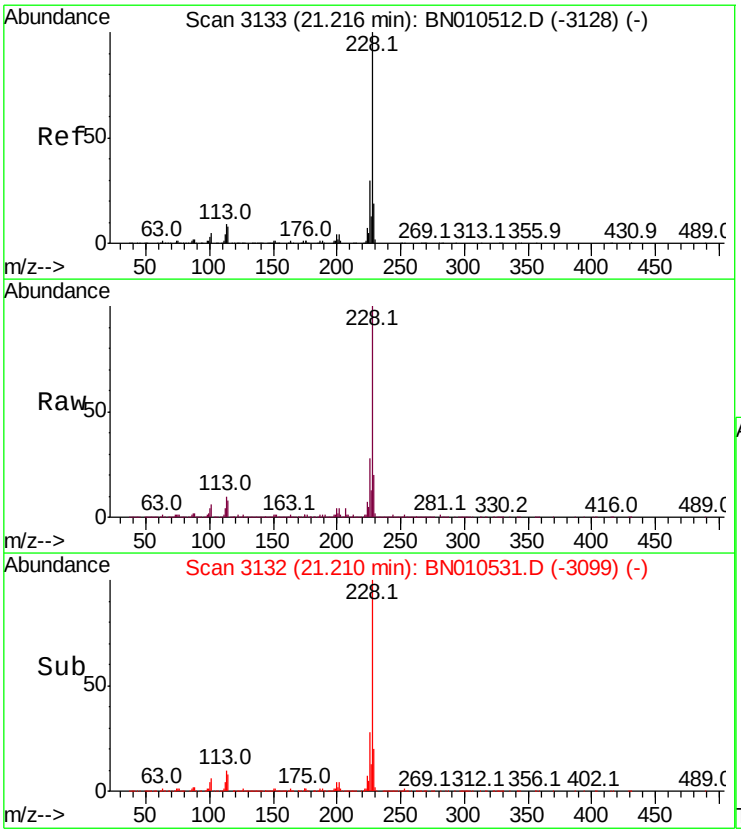
#83
Benzo(a)anthracene
Concen: 17.784 ng/ul
RT: 21.16 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Instrument :
BNA_N
ClientSampleId :
CB7A2

Tgt Ion:228 Resp: 3991327

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.0	24.0
226	26.0	21.4	32.2

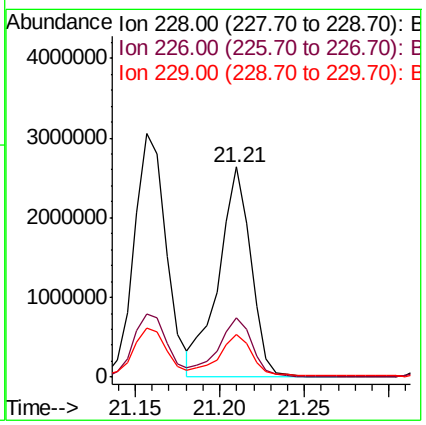


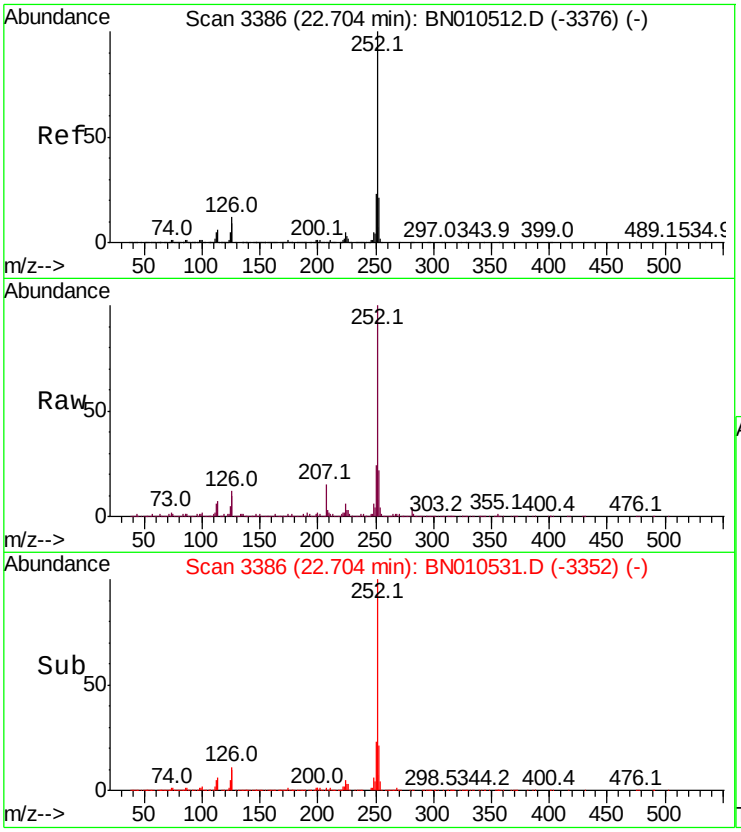


#85
Chrysene
Concen: 16.499 ng/ul
RT: 21.21 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Tgt Ion:228 Resp: 3481652

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.6
229	20.0	15.0	22.4



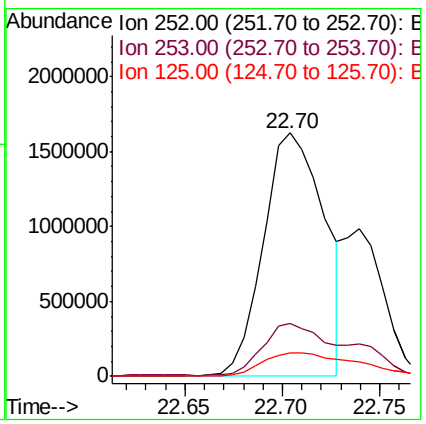


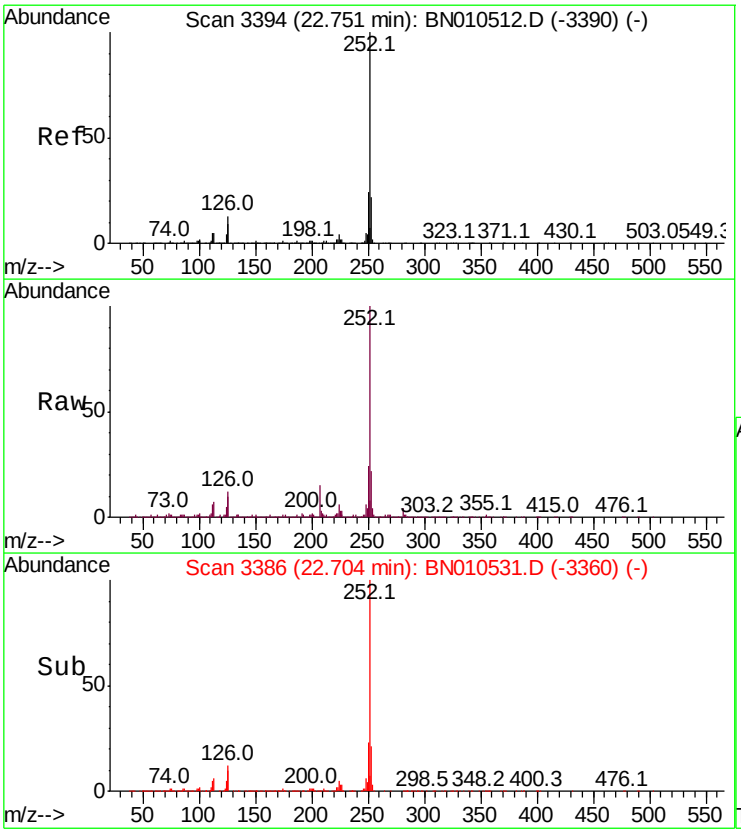
#88
Benzo(b)fluoranthene
Concen: 18.401 ng/ul
RT: 22.70 min Scan# 3386
Delta R.T. 0.00 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Instrument :
BNA_N
ClientSampleId :
CB7A2

Tgt Ion:252 Resp: 3498286

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.7	25.1
125	9.9	7.2	10.8

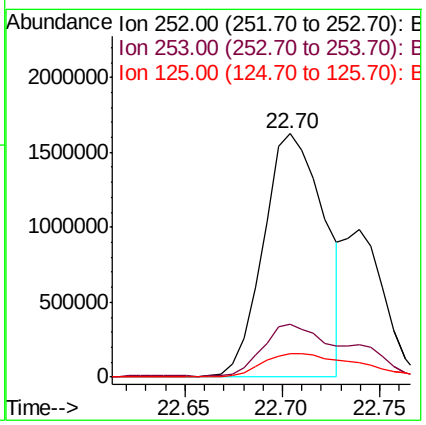


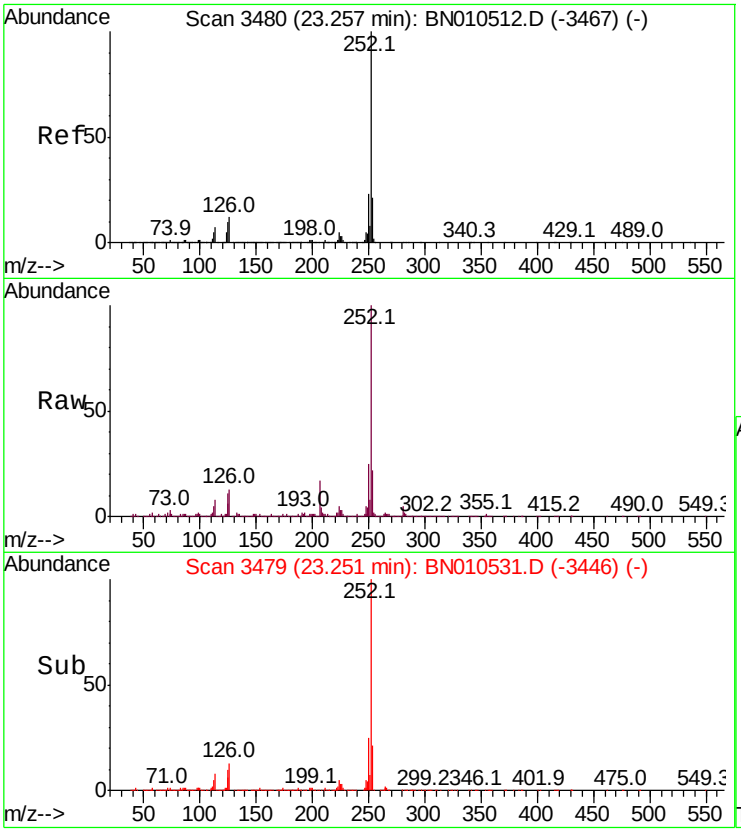


#89
Benzo(k)fluoranthene
Concen: 18.547 ng/ul
RT: 22.70 min Scan# 3386
Delta R.T. -0.05 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Tgt Ion:252 Resp: 3498286

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.9	6.9	10.3



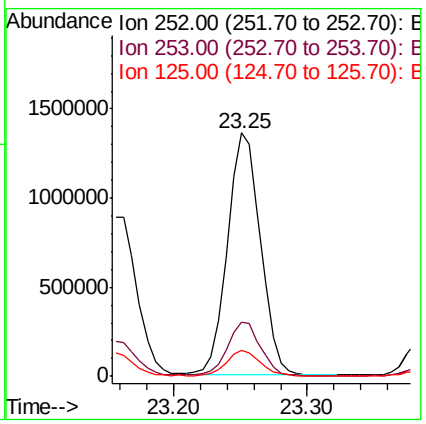


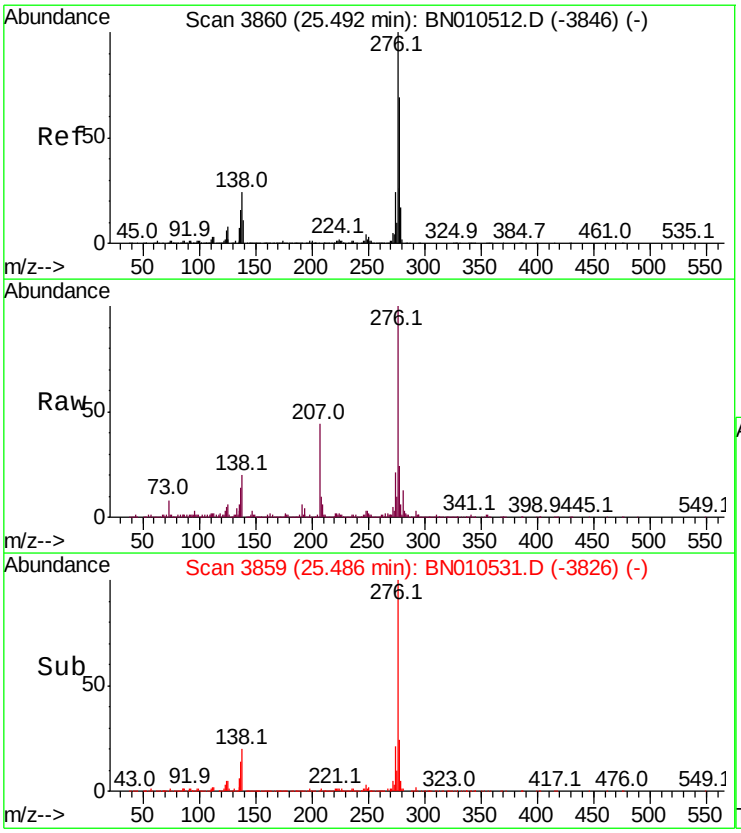
#91
Benzo(a)pyrene
Concen: 13.875 ng/ul
RT: 23.25 min Scan# 3479
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Instrument :
BNA_N
ClientSampleId :
CB7A2

Tgt Ion:252 Resp: 2343523

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.5	7.8	11.6

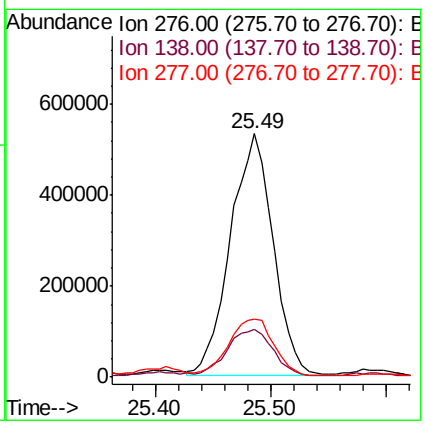


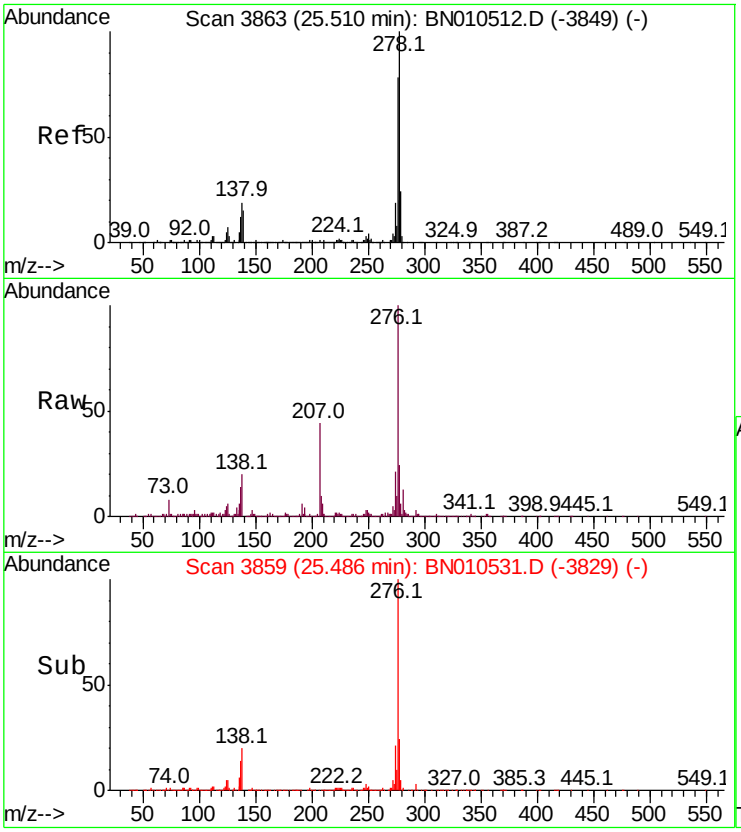


#92
Indeno(1,2,3-cd)pyrene
Concen: 7.183 ng/ul
RT: 25.49 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Tgt Ion:276 Resp: 1365551

Ion	Ratio	Lower	Upper
276	100		
138	19.8	18.3	27.5
277	24.0	19.8	29.8



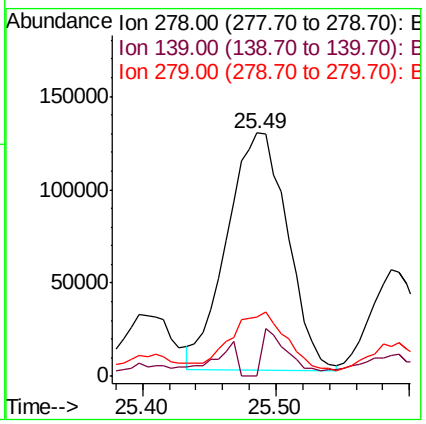


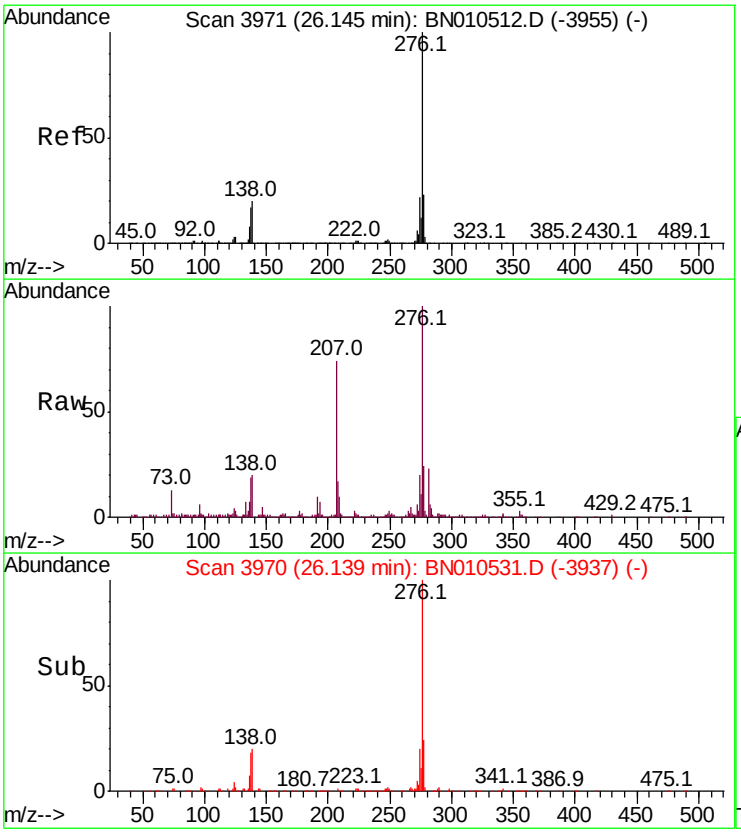
#93
Dibenzo(a,h)anthracene
Concen: 2.500 ng/ul
RT: 25.49 min Scan# 3859
Delta R.T. -0.02 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Instrument :
BNA_N
ClientSampleId :
CB7A2

Tgt Ion:278 Resp: 399124

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.5	17.3#
279	24.4	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 5.622 ng/ul
RT: 26.14 min Scan# 3970
Delta R.T. -0.01 min
Lab File: BN010531.D
Acq: 17 Apr 2020 00:05

Tgt Ion:276 Resp: 884529

Ion	Ratio	Lower	Upper
276	100		
138	20.3	14.7	22.1
277	24.4	18.4	27.6