Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010435.D
Acq On : 08 Apr 2020 18:08
Operator : CG/JU
Sample : L2155-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 09 01:59:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 08 13:35:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	573707	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2415842	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1558532	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3522607	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3139543	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	2917272	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	51602	4.25	ng/uL	0.00
5) Phenol-d5	6.79	99	1296439	27.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	723354	28.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	1179211	31.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	1004060	24.83	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	604810	33.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	671260	35.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	1299198	32.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	768581	16.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	3925584	33.38	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	4887741	35.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	533161	24.14	ng/ul	0.00
58) Fluorene-d10	15.23	176	3578724	34.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	494318	24.51	ng/ul	0.00
71) Anthracene-d10	17.08	188	5552642	34.33	ng/ul	0.00
79) Pyrene-d10	19.38	212	6205017	38.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	5051235	34.80	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	1126397	9.276	ng/ul	100
48) Acenaphthylene	13.95	152	210508	1.424	ng/ul	99
70) Phenanthrene	17.02	178	537622	2.754	ng/ul	98
72) Anthracene	17.11	178	592331	3.034	ng/ul	99
75) Carbazole	17.38	167	178009	1.097	ng/ul	99
77) Fluoranthene	19.05	202	1377754	6.628	ng/ul	96
80) Pyrene	19.41	202	1320348	6.290	ng/ul	96
83) Benzo(a)anthracene	21.22	228	934013	4.428	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.13	149	168170	1.357	ng/ul	98
85) Chrysene	21.22	228	932874	4.638	ng/ul	96
88) Benzo(b)fluoranthene	22.72	252	1933418	10.944	ng/ul#	92
89) Benzo(k)fluoranthene	22.72	252	1933418	11.266	ng/ul	98
91) Benzo(a)pyrene	23.26	252	979824	5.924	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.51	276	835544	3.915	ng/ul	97
93) Dibenzo(a,h)anthracene	25.52	278	224205	1.272	ng/ul#	79
94) Benzo(g,h,i)perylene	26.16	276	735697	4.091	ng/ul	96

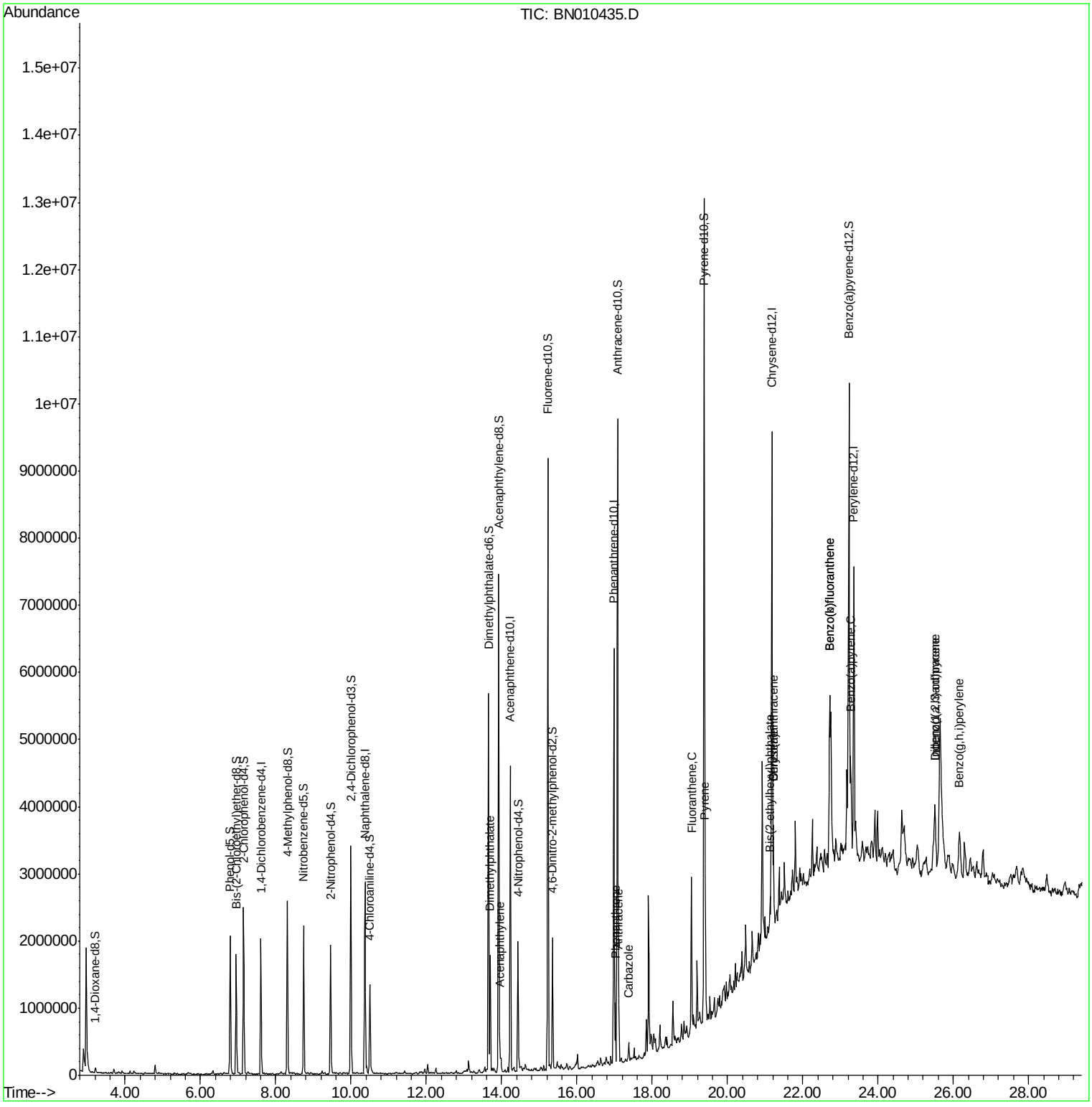
(#) = qualifier out of range (m) = manual integration (+) = signals summed

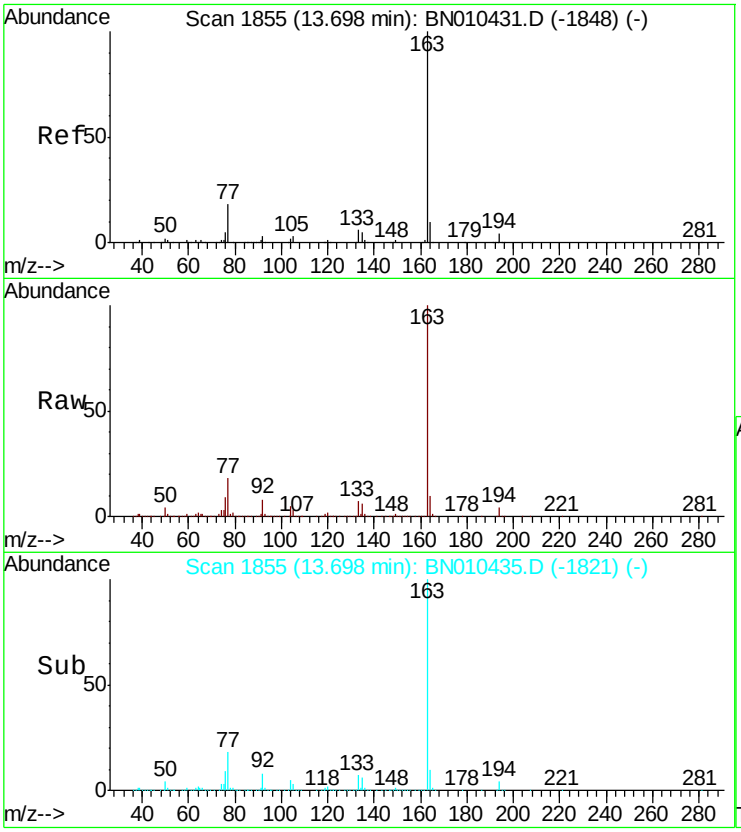
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010435.D
Acq On : 08 Apr 2020 18:08
Operator : CG/JU
Sample : L2155-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 09 01:59:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 08 13:35:12 2020
Response via : Initial Calibration



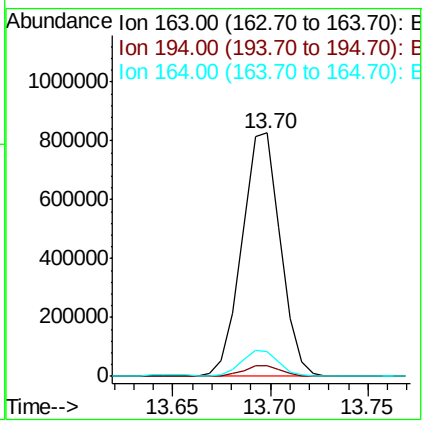


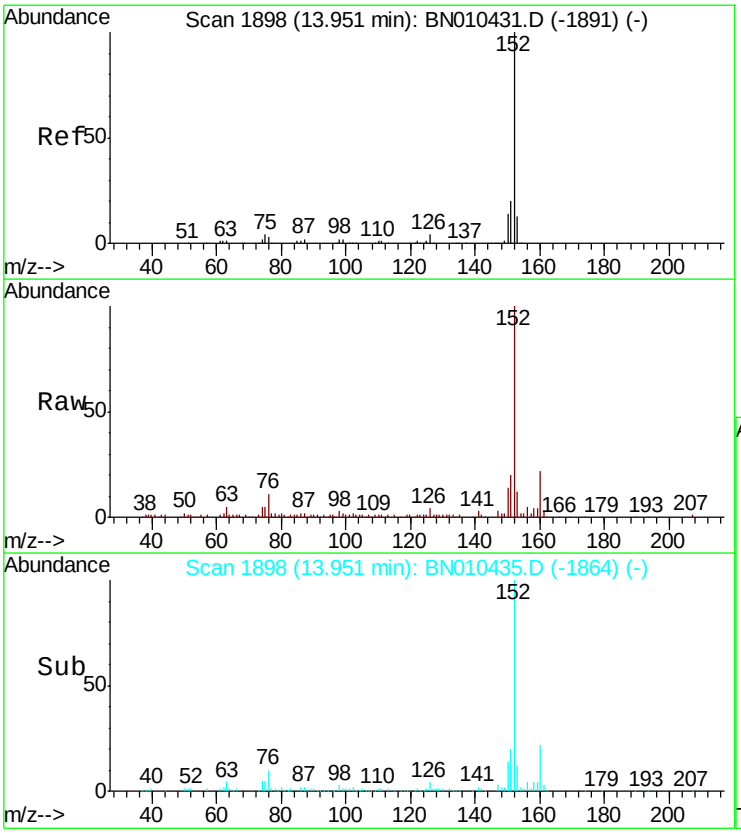
#45
Dimethylphthalate
Concen: 9.276 ng/ul
RT: 13.70 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 1126397

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.1	8.0	12.0

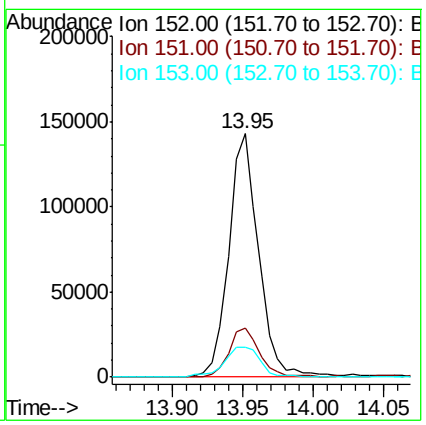


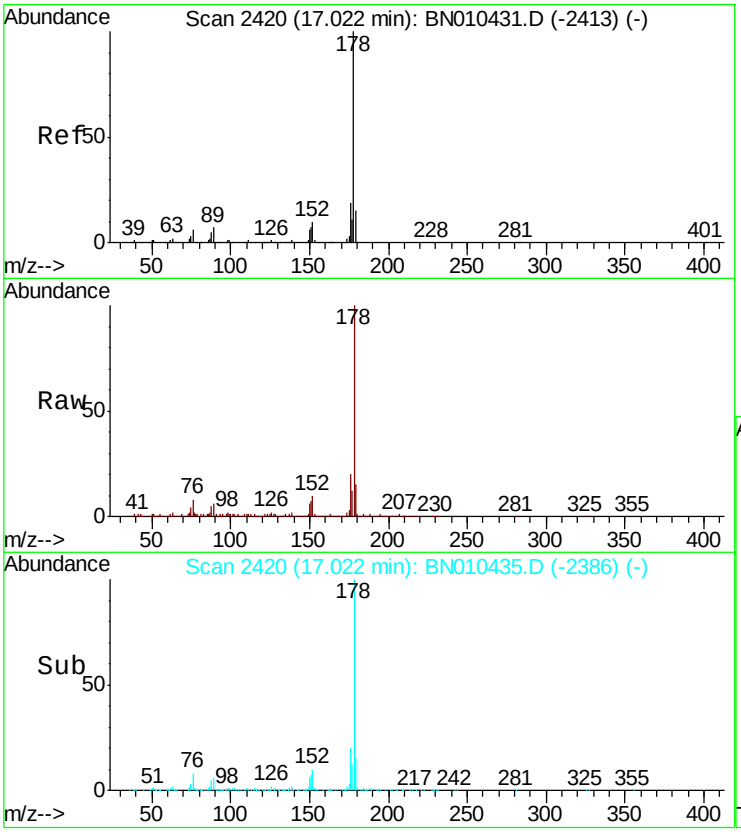


#48
Acenaphthylene
Concen: 1.424 ng/ul
RT: 13.95 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Tgt Ion:152 Resp: 210508

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	12.4	10.2	15.2



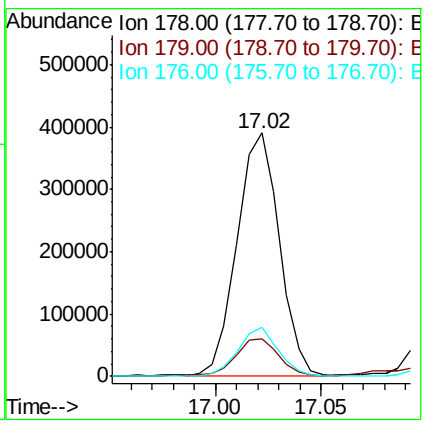


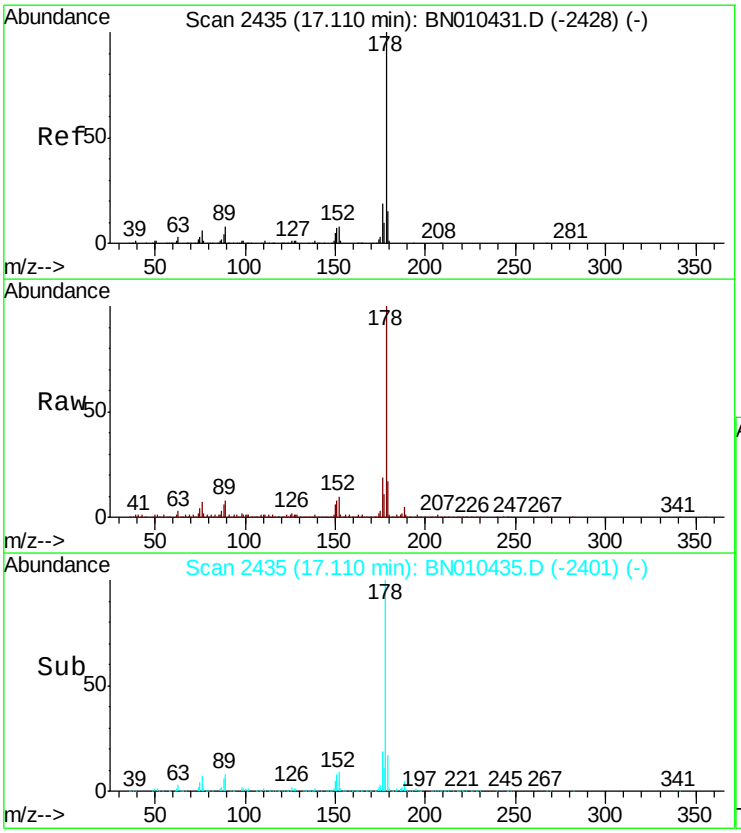
#70
Phenanthrene
Concen: 2.754 ng/ul
RT: 17.02 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 537622

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	20.3	15.4	23.2

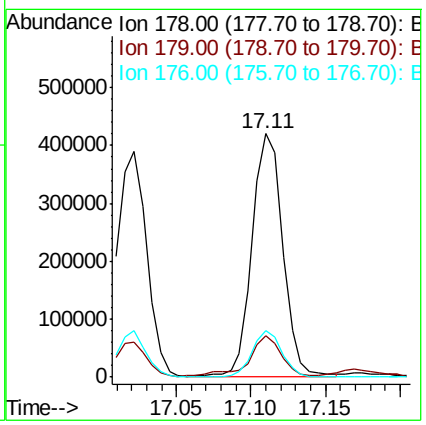


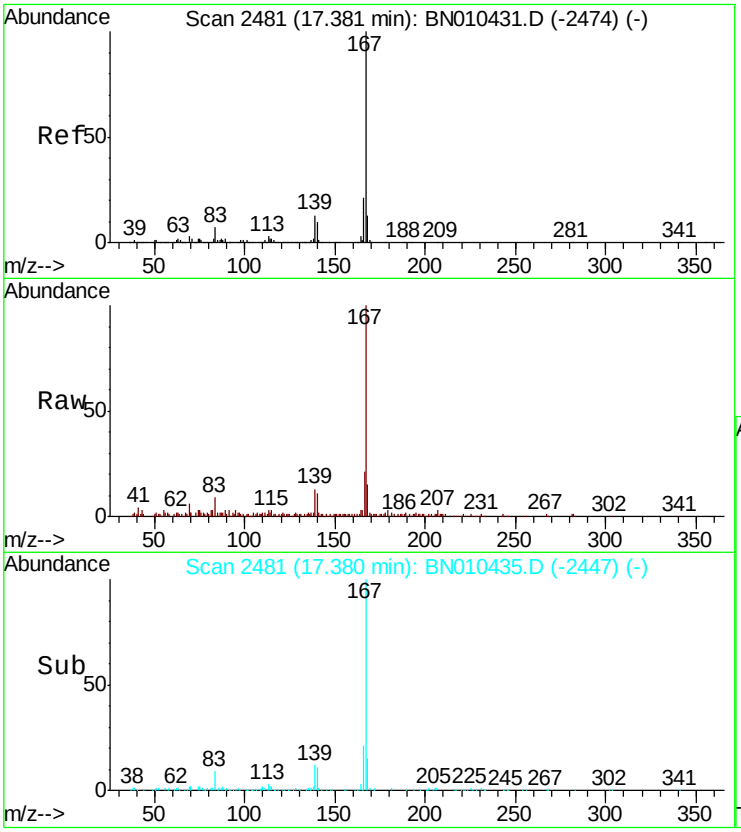


#72
Anthracene
Concen: 3.034 ng/ul
RT: 17.11 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Tgt Ion:178 Resp: 592331

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	19.3	15.2	22.8



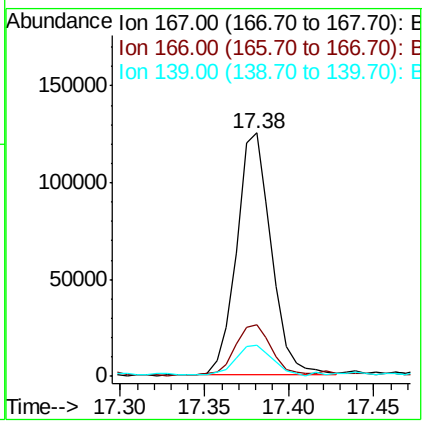


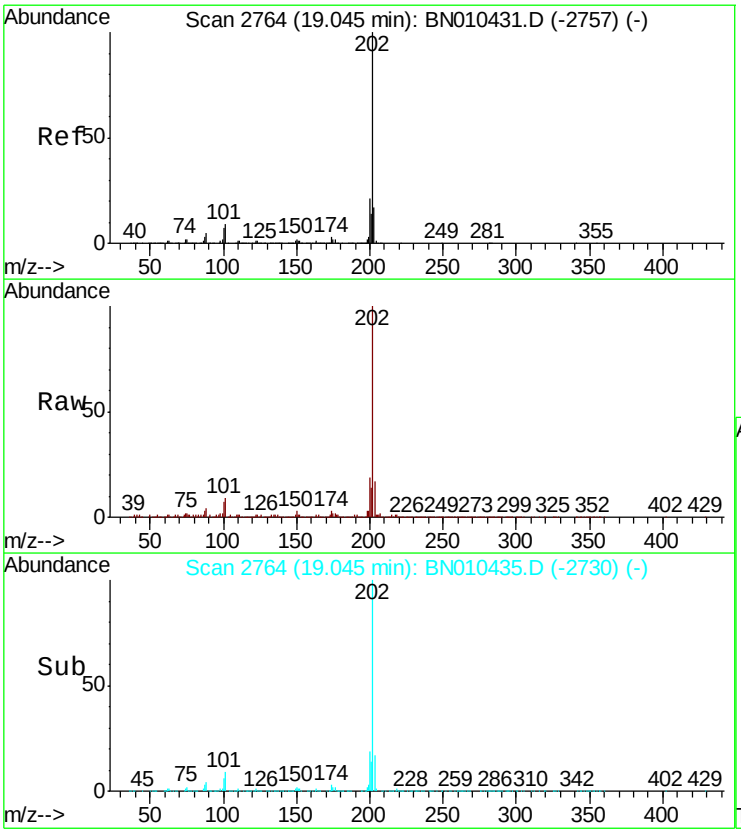
#75
Carbazole
Concen: 1.097 ng/ul
RT: 17.38 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 178009

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	13.0	10.0	15.0

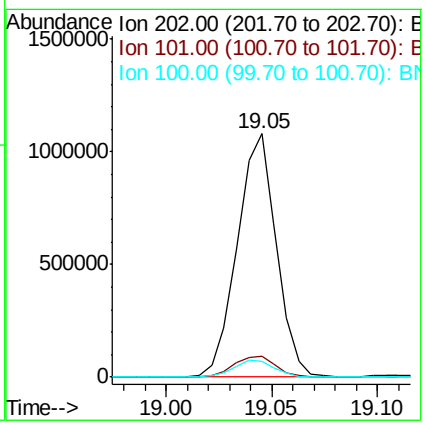


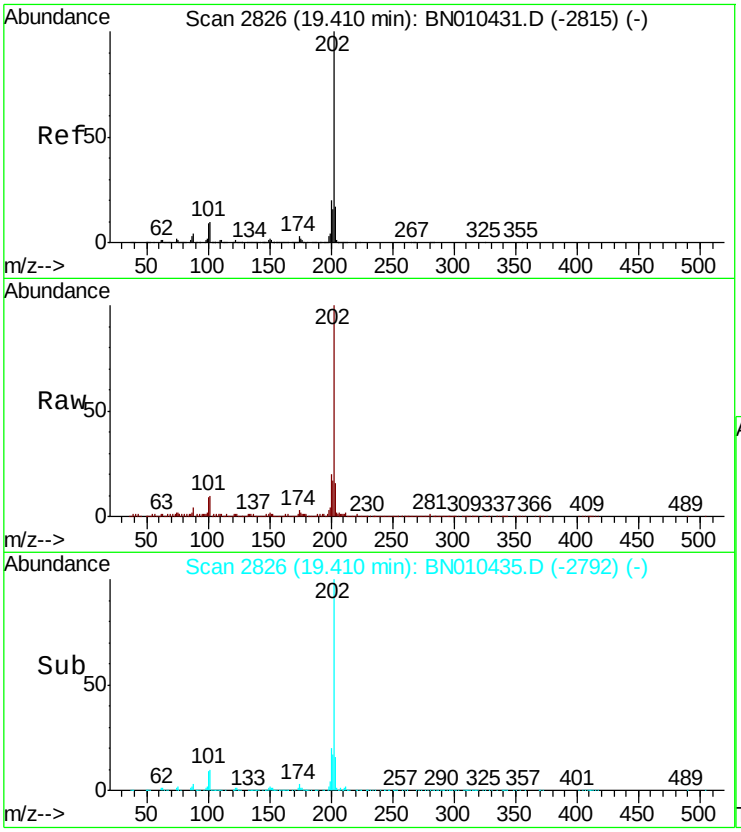


#77
Fluoranthene
Concen: 6.628 ng/ul
RT: 19.05 min Scan# 2764
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Tgt Ion:202 Resp: 1377754

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.1	12.1
100	6.5	6.2	9.4



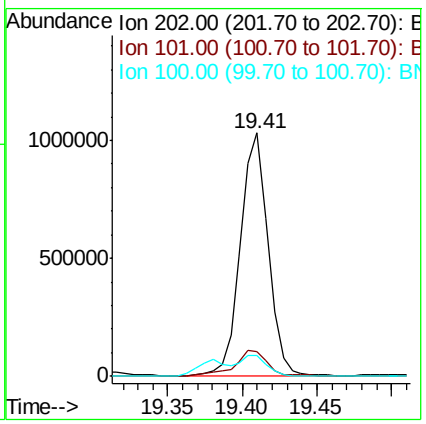


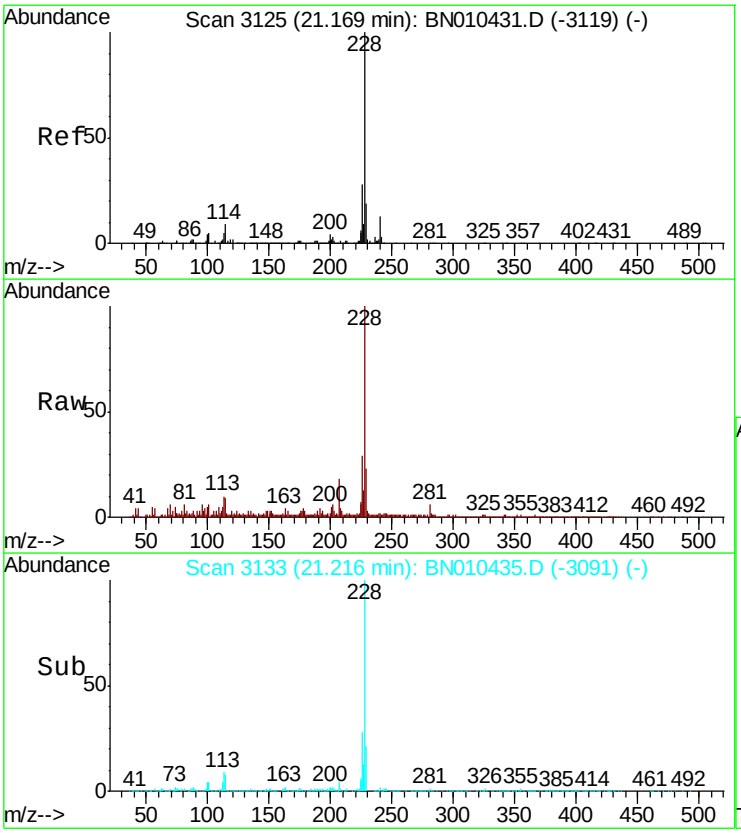
#80
Pyrene
Concen: 6.290 ng/ul
RT: 19.41 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1320348

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.6	14.4
100	8.7	8.1	12.1

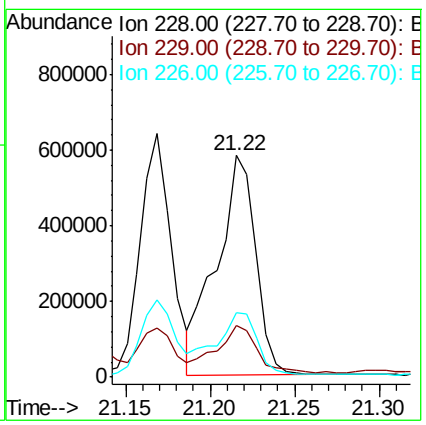


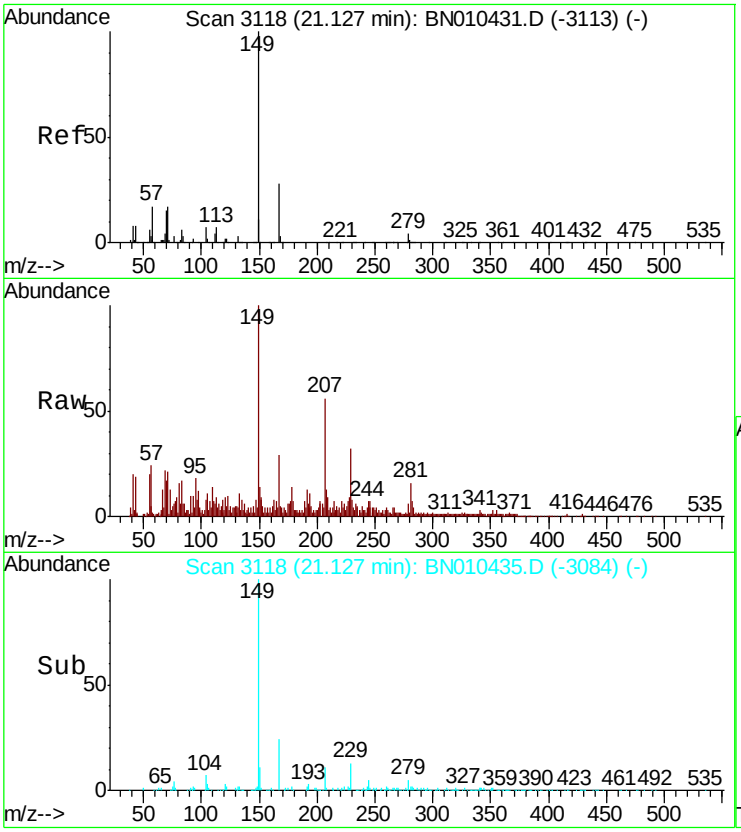


#83
Benzo(a)anthracene
Concen: 4.428 ng/ul
RT: 21.22 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Tgt Ion:228 Resp: 934013

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.7	23.5
226	29.1	21.0	31.6



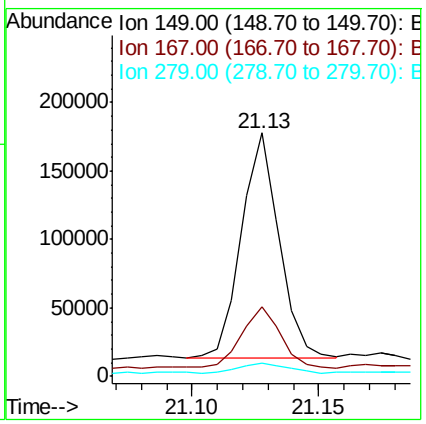


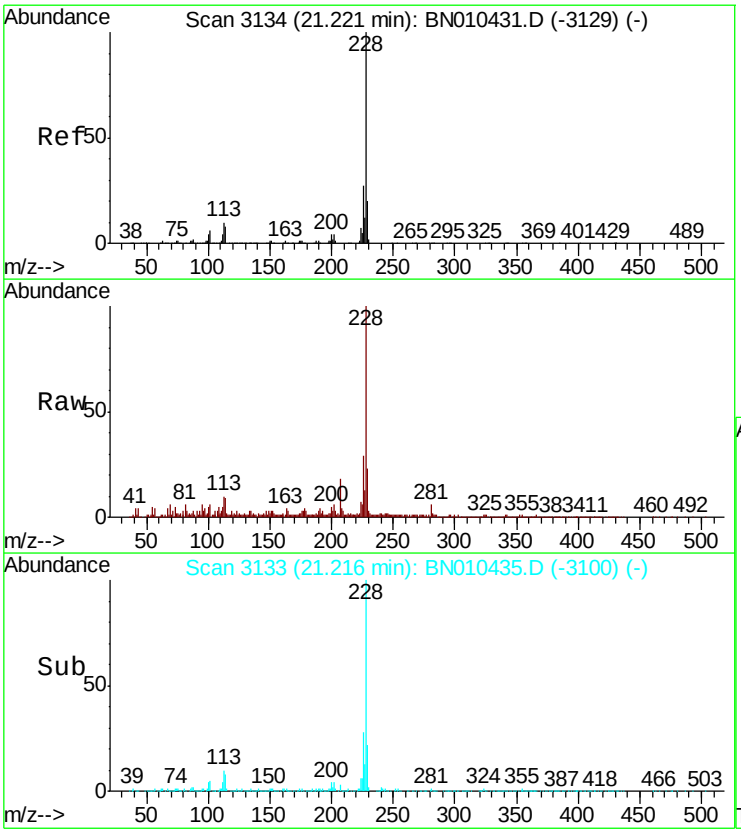
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.357 ng/ul
RT: 21.13 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 168170

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.1	33.1
279	5.5	3.8	5.6

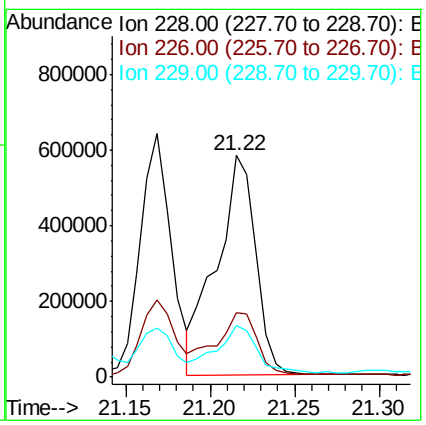


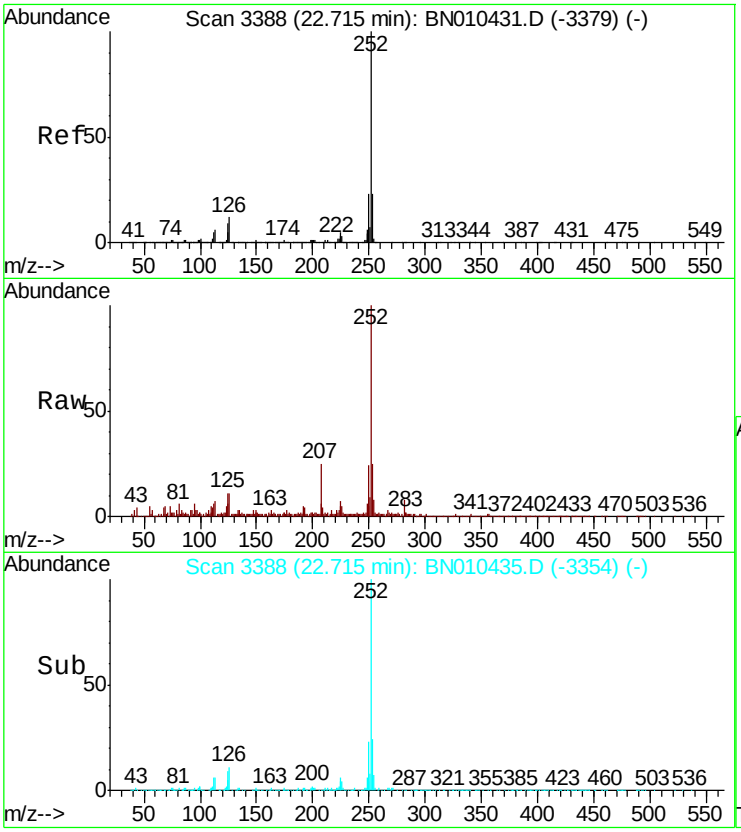


#85
Chrysene
Concen: 4.638 ng/ul
RT: 21.22 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Tgt Ion:228 Resp: 932874

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	23.4	15.7	23.5



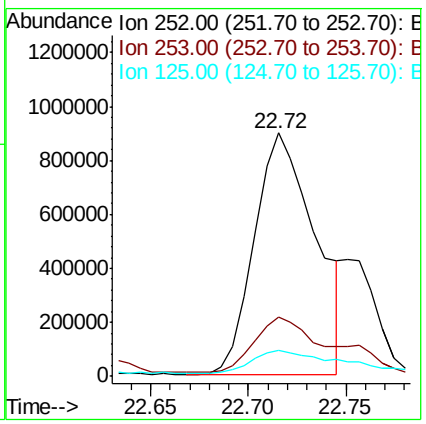


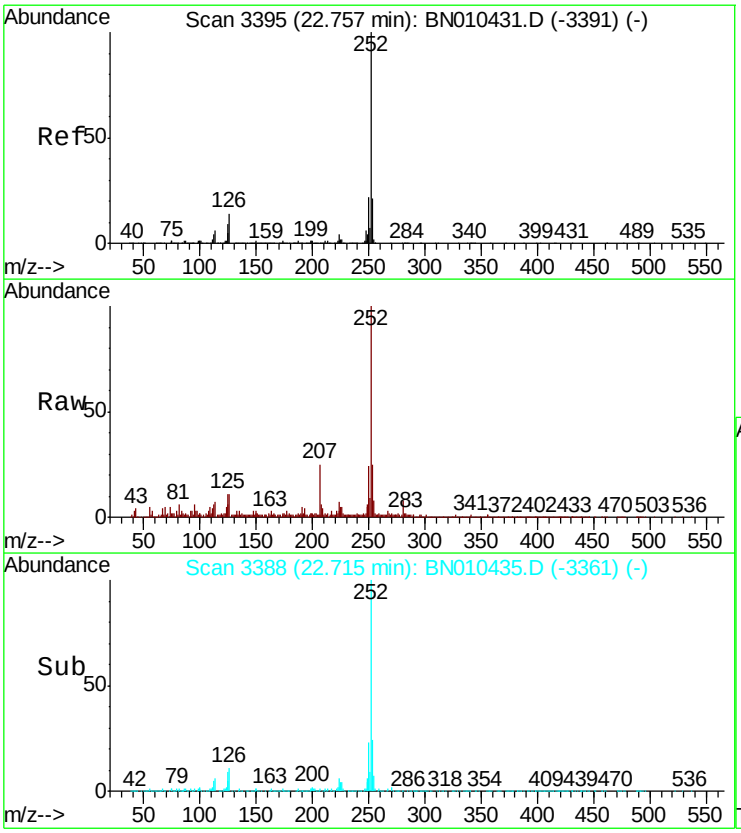
#88
Benzo(b)fluoranthene
Concen: 10.944 ng/ul
RT: 22.72 min Scan# 3388
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1933418

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.0	24.0#
125	10.6	7.4	11.0

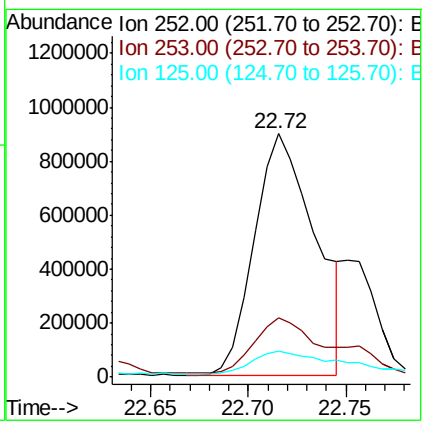


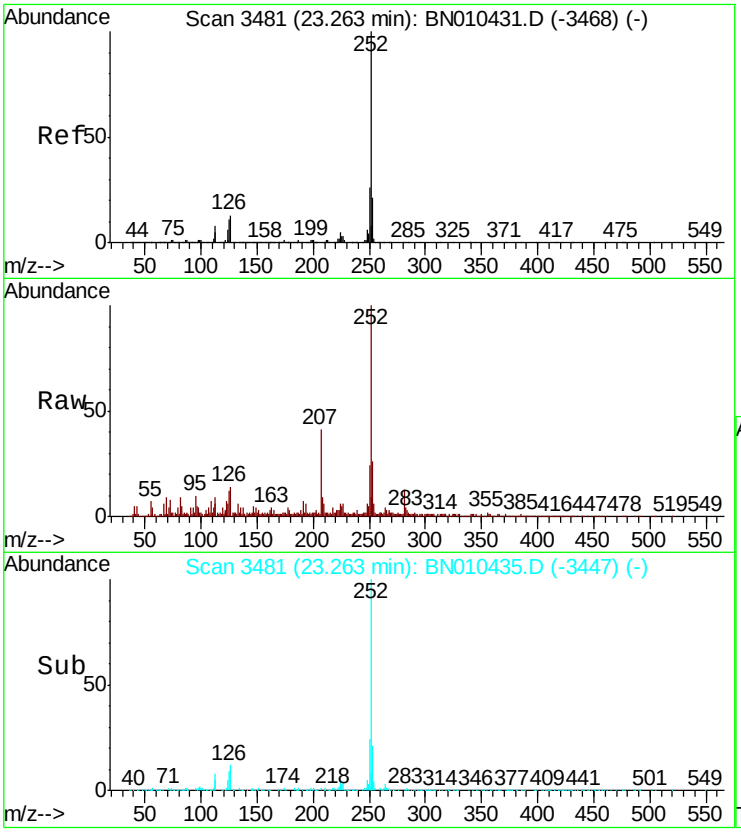


#89
Benzo(k)fluoranthene
Concen: 11.266 ng/ul
RT: 22.72 min Scan# 3388
Delta R.T. -0.04 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Tgt Ion:252 Resp: 1933418

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.6	27.8
125	10.6	8.1	12.1



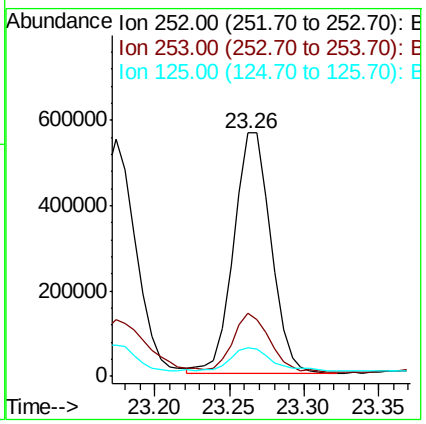


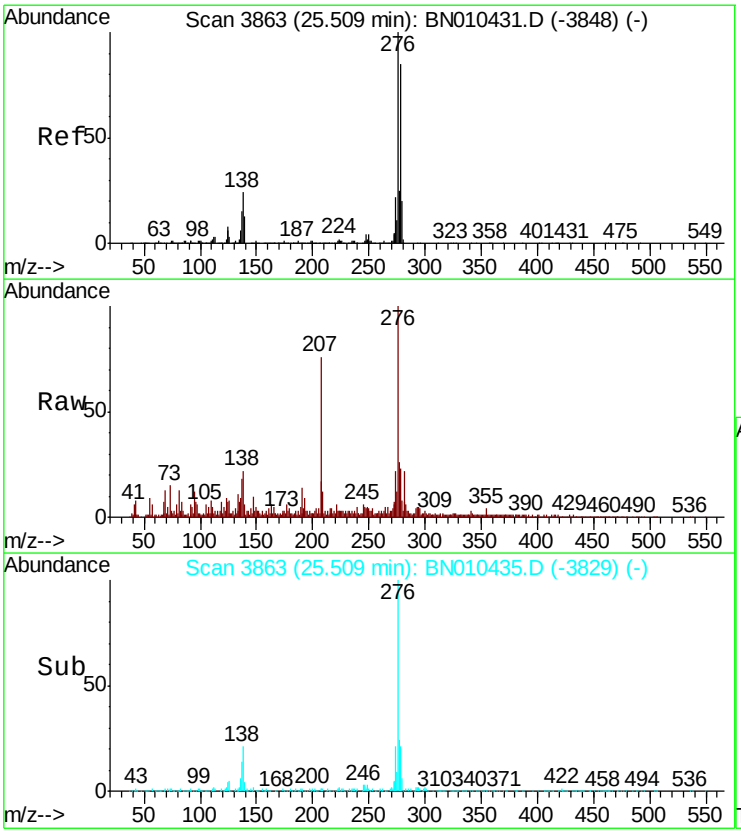
#91
Benzo(a)pyrene
Concen: 5.924 ng/ul
RT: 23.26 min Scan# 3481
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 979824

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.6	27.8
125	11.7	8.9	13.3

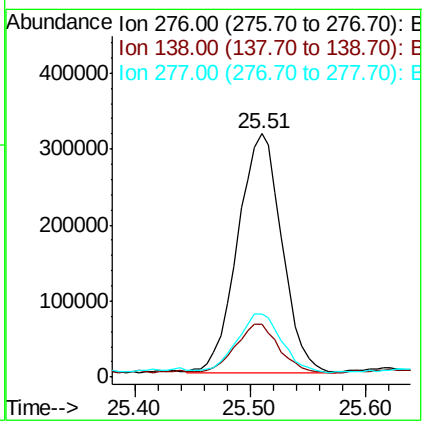


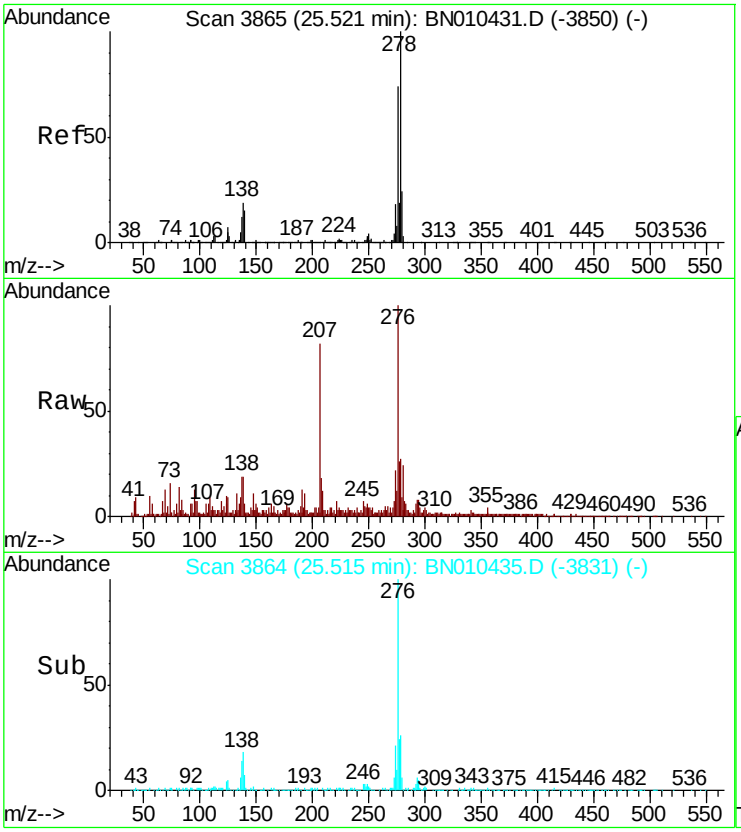


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.915 ng/ul
RT: 25.51 min Scan# 3863
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Tgt Ion:276 Resp: 835544

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.8	29.8
277	25.8	20.6	30.8



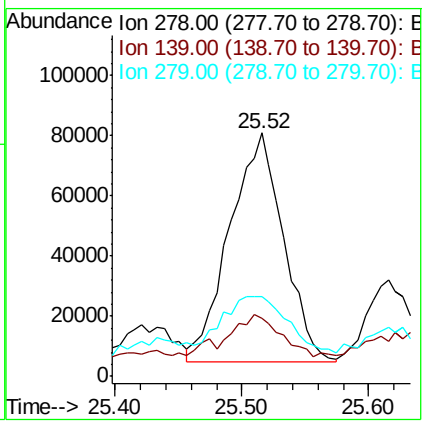


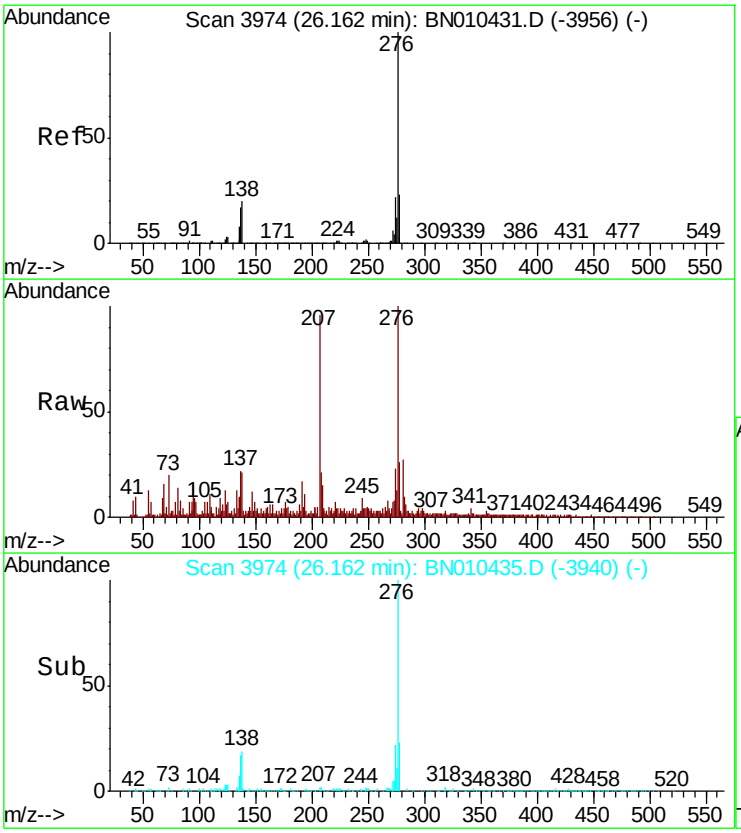
#93
Dibenzo(a,h)anthracene
Concen: 1.272 ng/ul
RT: 25.52 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 224205

Ion	Ratio	Lower	Upper
278	100		
139	23.9	12.0	18.0#
279	32.9	18.2	27.2#





#94
Benzo(g,h,i)perylene
Concen: 4.091 ng/ul
RT: 26.16 min Scan# 3974
Delta R.T. -0.00 min
Lab File: BN010435.D
Acq: 08 Apr 2020 18:08

Tgt Ion:276 Resp: 735697

Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.8	25.2
277	26.1	18.4	27.6