Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010436.D
Acq On : 08 Apr 2020 18:44
Operator : CG/JU
Sample : L2155-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 09 01:59:38 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	7.61	152	510725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2124567	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1375103	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3038043	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2770346	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	2571300	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	49765	4.61	ng/uL	0.00
5) Phenol-d5	6.80	99	1266045	29.72	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.95	67	673019	30.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	1132138	33.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	1003298	27.88	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	569623	36.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	667042	39.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1251770	36.15	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	729401	17.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	3770649	36.34	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	4697230	38.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	574590	29.49	ng/ul	0.00
58) Fluorene-d10	15.23	176	3459295	38.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	435780	25.05	ng/ul	0.00
71) Anthracene-d10	17.08	188	5369783	38.49	ng/ul	0.00
79) Pyrene-d10	19.39	212	5964845	41.78	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	4974388	38.89	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	1264187	11.799	ng/ul	99
70) Phenanthrene	17.02	178	323157	1.920	ng/ul	100
72) Anthracene	17.12	178	398232	2.365	ng/ul	100
77) Fluoranthene	19.04	202	817656	4.561	ng/ul	99
80) Pyrene	19.41	202	830006	4.481	ng/ul	97
83) Benzo(a)anthracene	21.17	228	491813	2.642	ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.13	149	173778	1.590	ng/ul#	99
85) Chrysene	21.22	228	666758	3.757	ng/ul#	93
88) Benzo(b)fluoranthene	22.72	252	1322801	8.495	ng/ul#	91
89) Benzo(k)fluoranthene	22.72	252	1322801	8.745	ng/ul#	96
91) Benzo(a)pyrene	23.27	252	622520	4.270	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.52	276	529590	2.815	ng/ul	96
94) Benzo(g,h,i)perylene	26.18	276	588760	3.714	ng/ul	95

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

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
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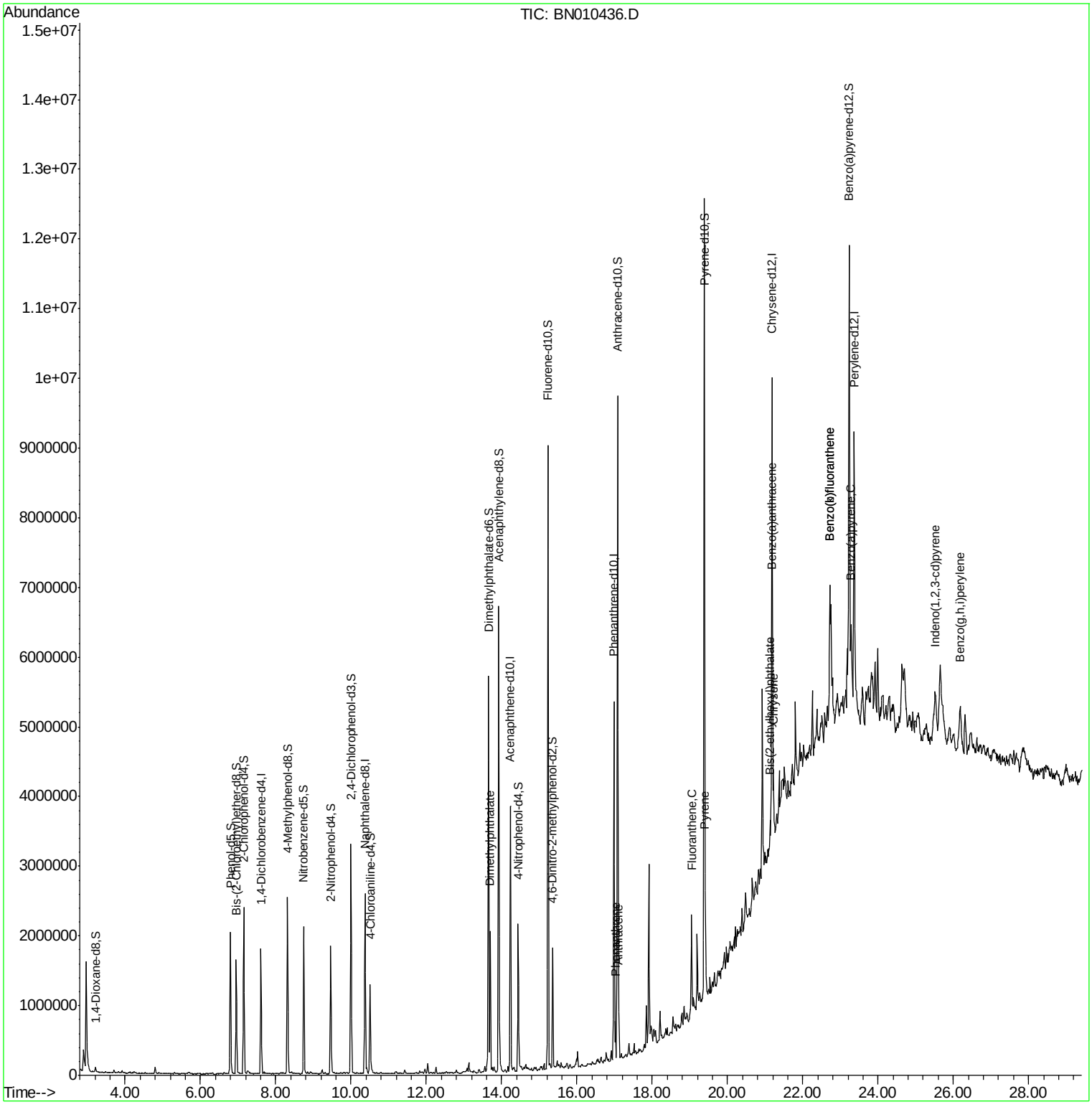
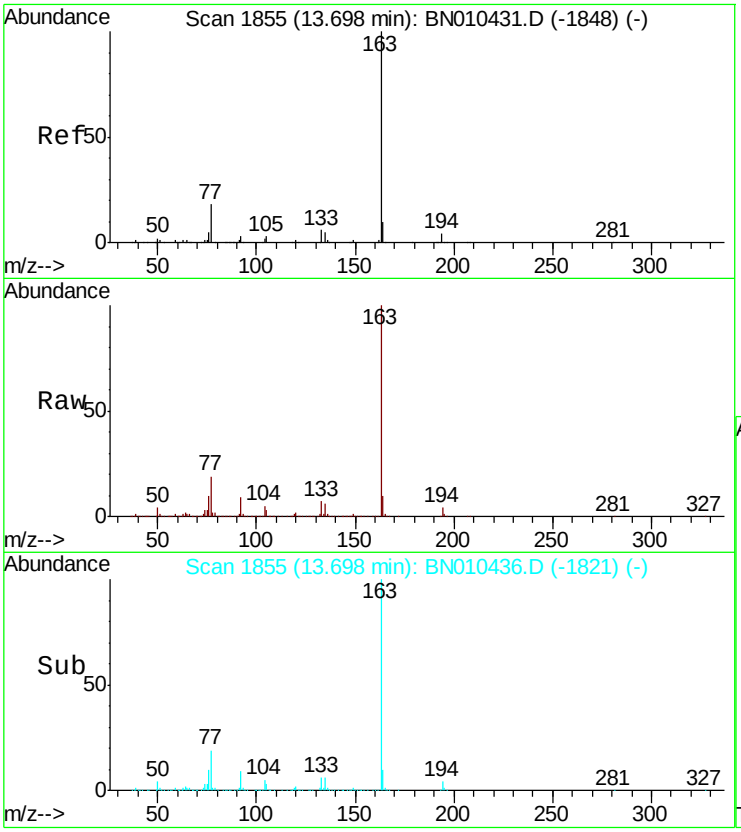
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 08 13:35:12 2020
Response via : Initial Calibration



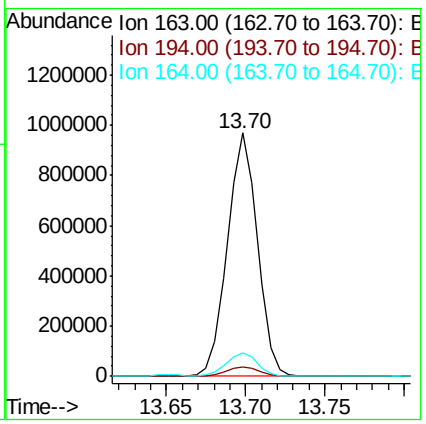


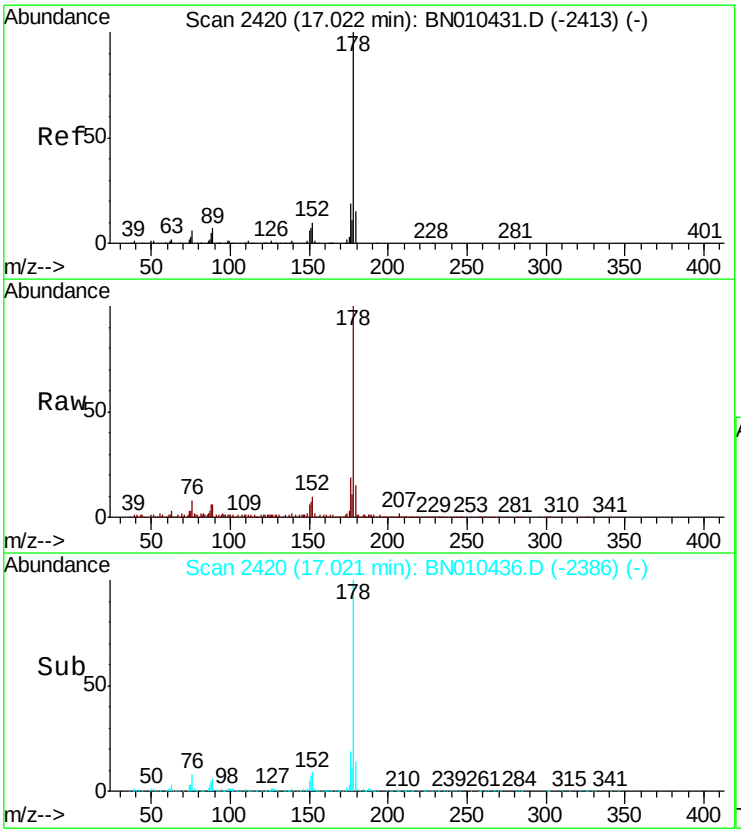
#45
Dimethylphthalate
Concen: 11.799 ng/ul
RT: 13.70 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 1264187

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	9.7	8.0	12.0

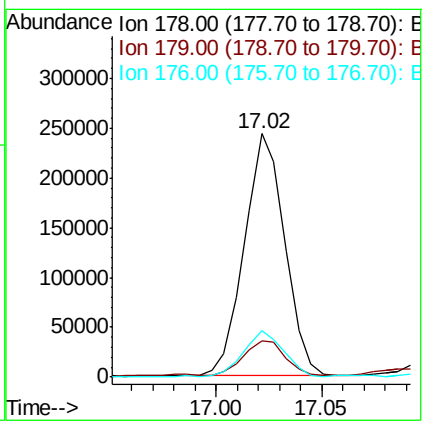


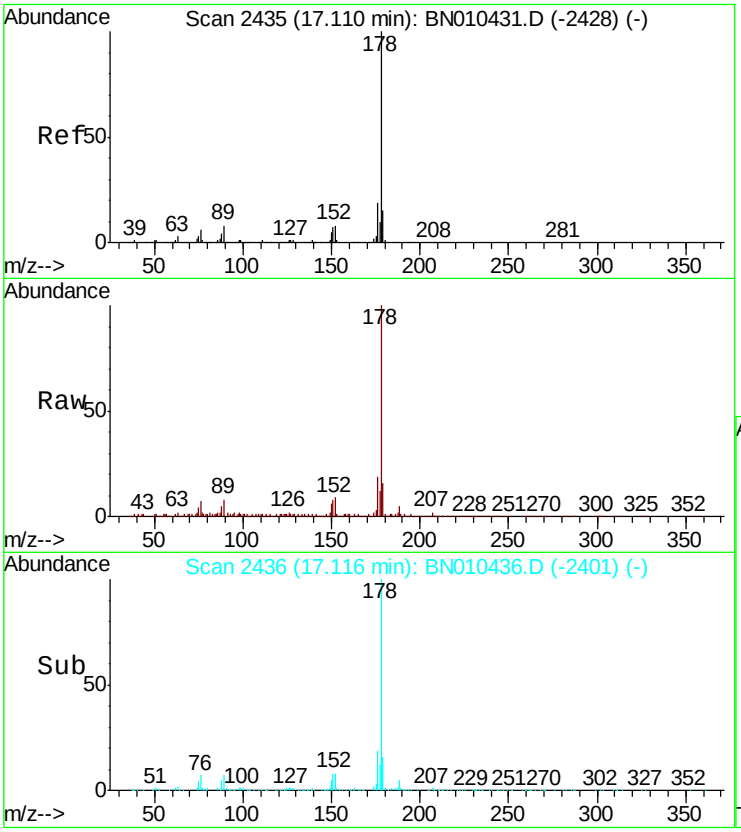


#70
Phenanthrene
Concen: 1.920 ng/ul
RT: 17.02 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Tgt Ion:178 Resp: 323157

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	19.2	15.4	23.2



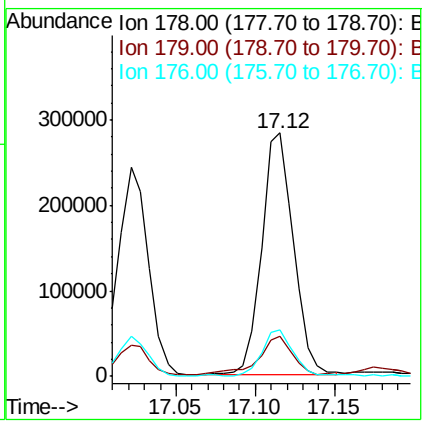


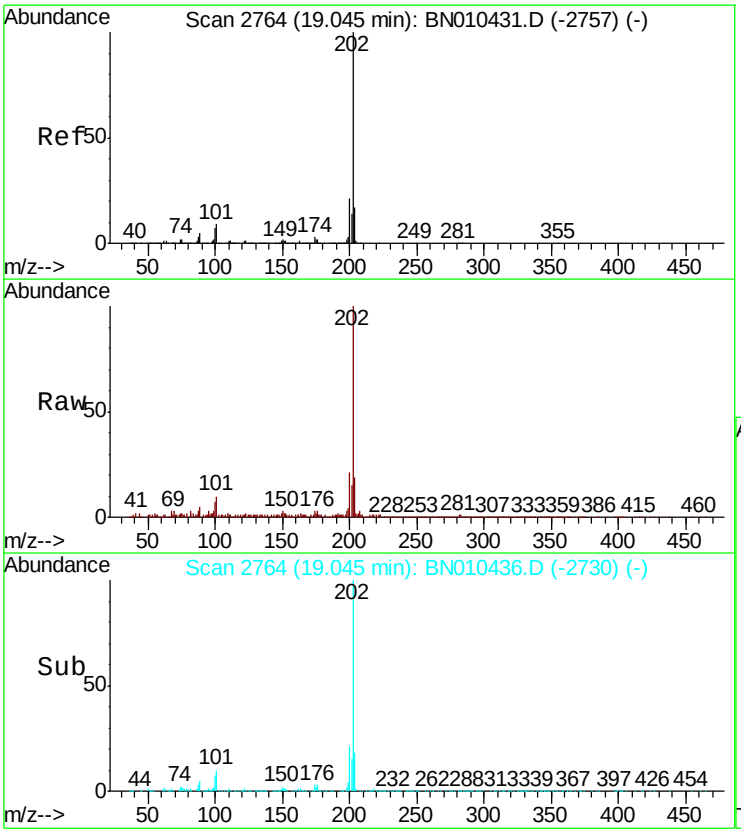
#72
Anthracene
Concen: 2.365 ng/ul
RT: 17.12 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 398232

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	18.8	15.2	22.8

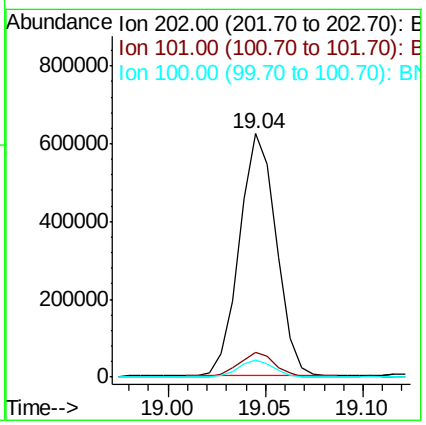


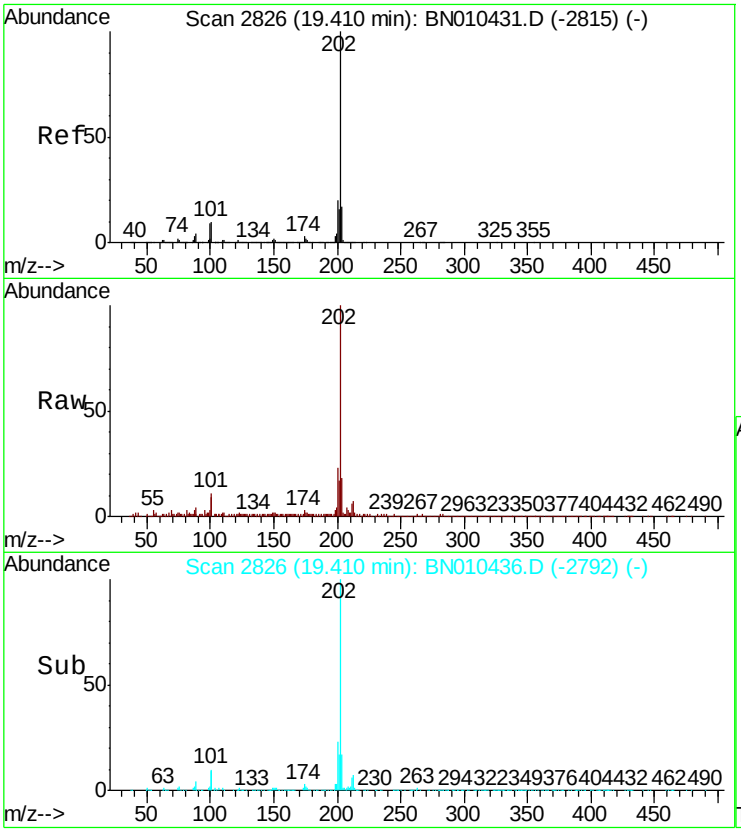


#77
Fluoranthene
Concen: 4.561 ng/ul
RT: 19.04 min Scan# 2764
Delta R.T. -0.00 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Tgt Ion:202 Resp: 817656

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.1	12.1
100	7.2	6.2	9.4



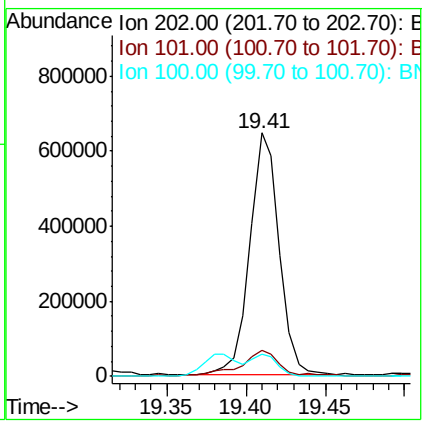


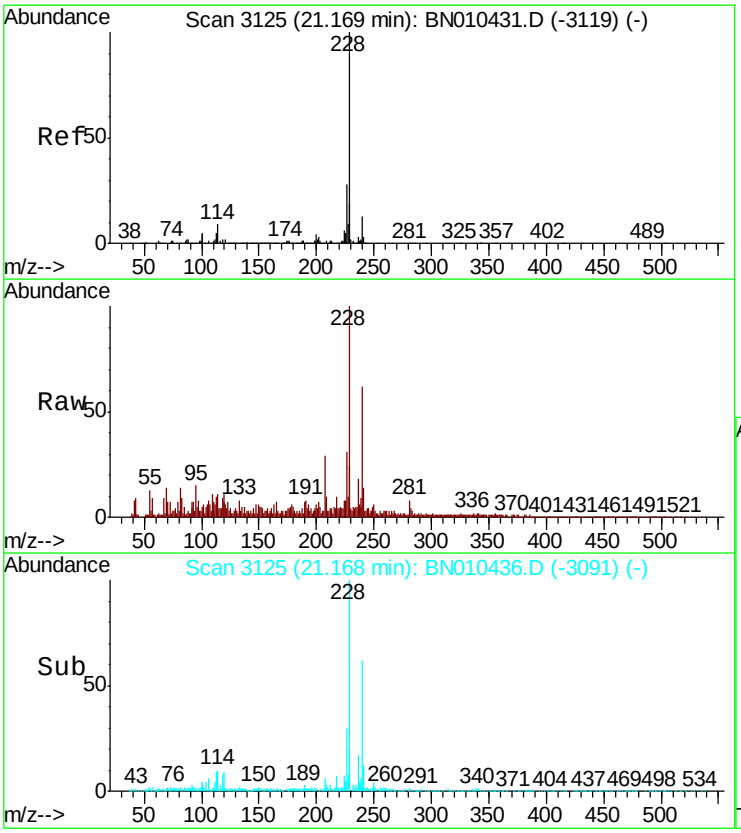
#80
Pyrene
Concen: 4.481 ng/ul
RT: 19.41 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 830006

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.6	14.4
100	8.9	8.1	12.1

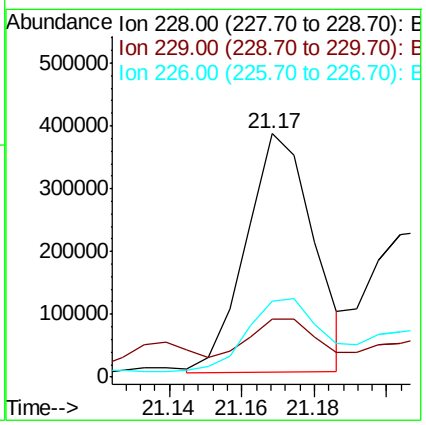


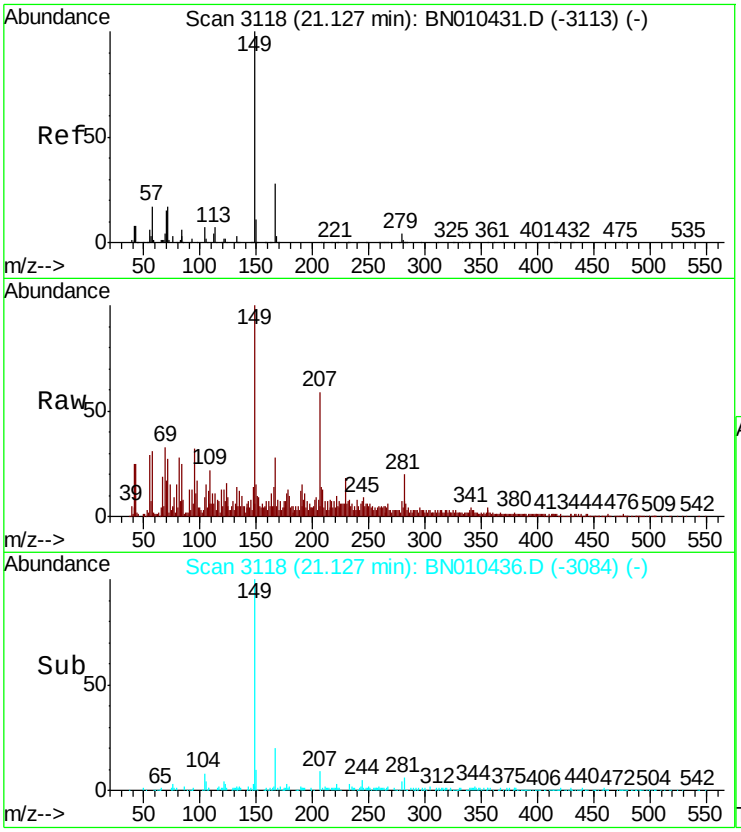


#83
Benzo(a)anthracene
Concen: 2.642 ng/ul
RT: 21.17 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Tgt Ion:228 Resp: 491813

Ion	Ratio	Lower	Upper
228	100		
229	23.9	15.7	23.5#
226	31.4	21.0	31.6



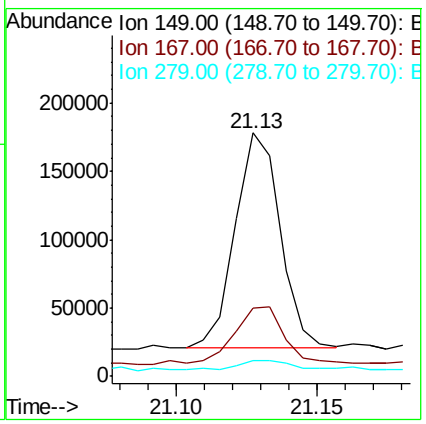


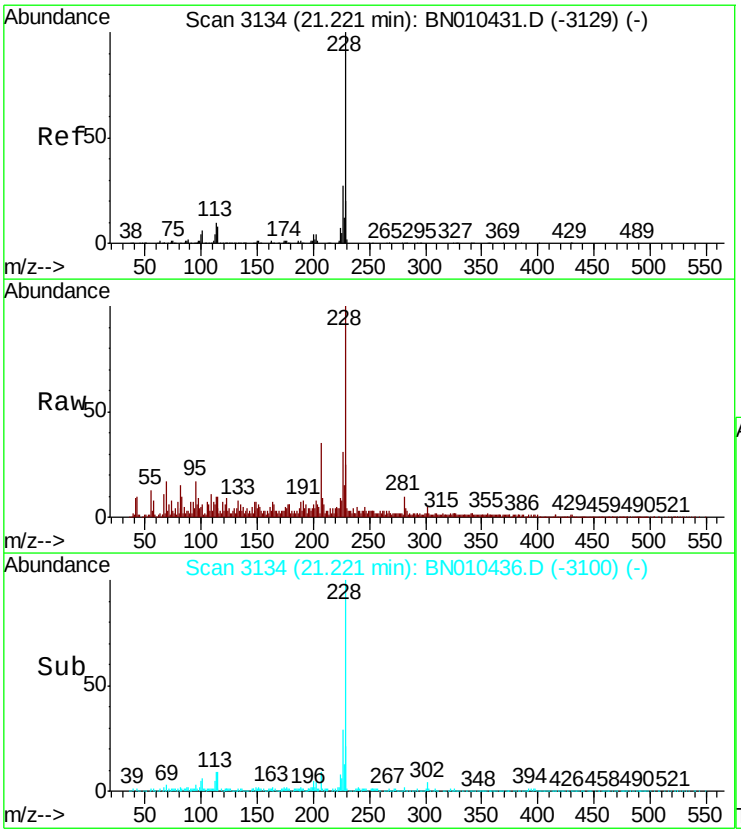
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.590 ng/ul
RT: 21.13 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 173778

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	6.5	3.8	5.6#

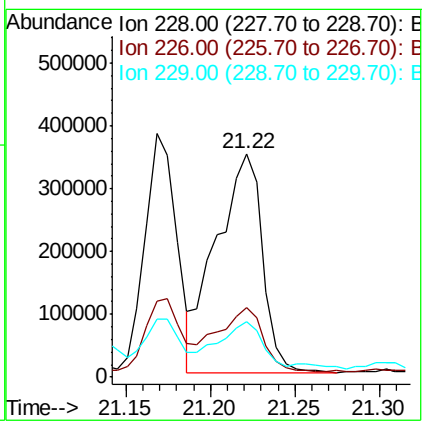


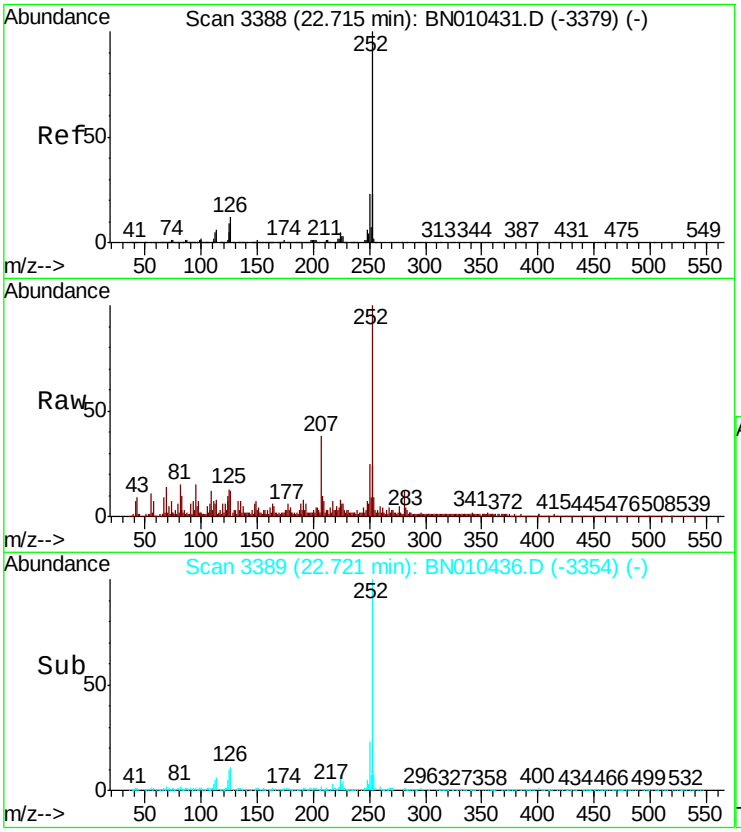


#85
Chrysene
Concen: 3.757 ng/ul
RT: 21.22 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Tgt Ion:228 Resp: 666758

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.0	34.6
229	24.8	15.7	23.5#



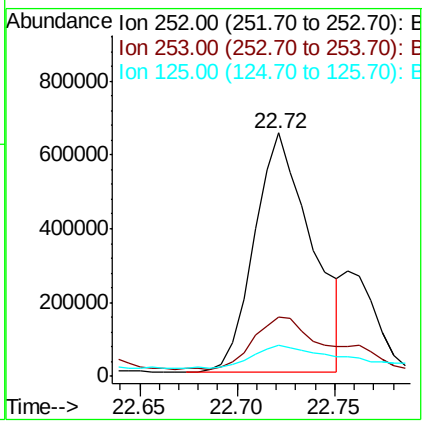


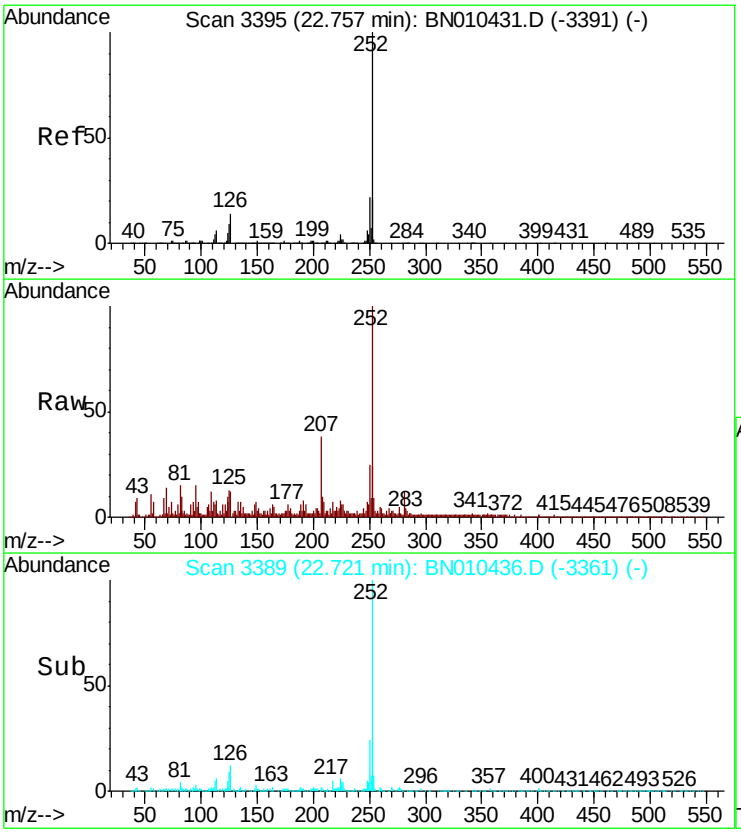
#88
Benzo(b)fluoranthene
Concen: 8.495 ng/ul
RT: 22.72 min Scan# 3389
Delta R.T. 0.01 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1322801

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.0	24.0#
125	12.6	7.4	11.0#

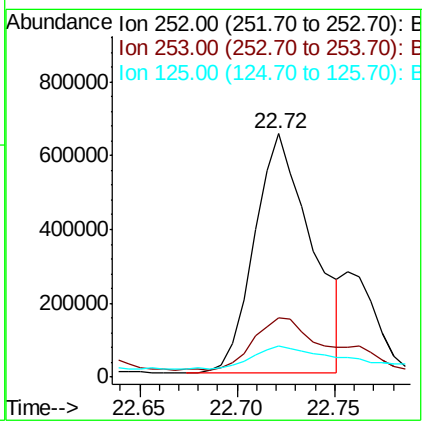


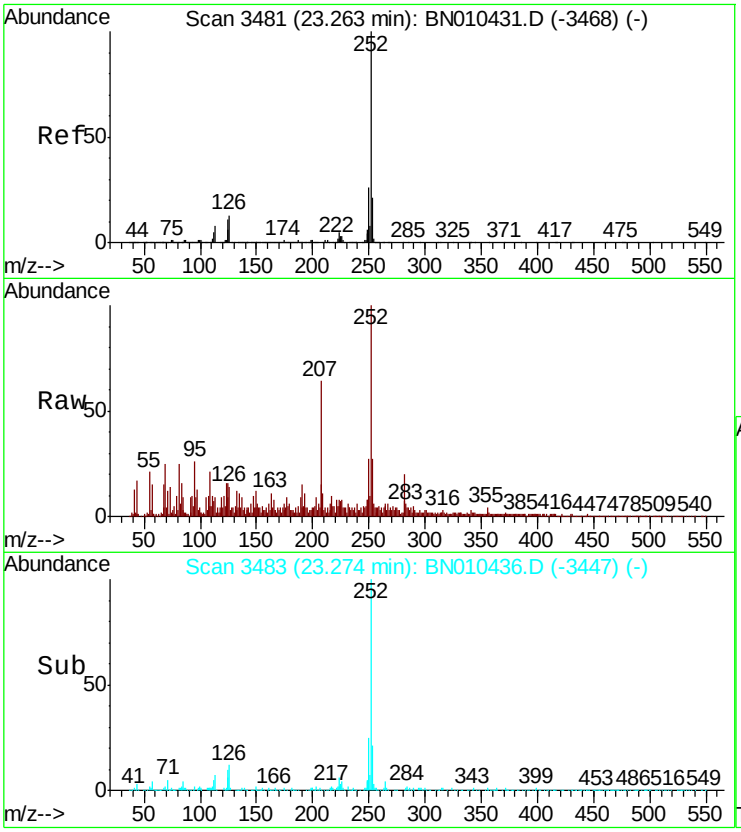


#89
Benzo(k)fluoranthene
Concen: 8.745 ng/ul
RT: 22.72 min Scan# 3389
Delta R.T. -0.04 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Tgt Ion:252 Resp: 1322801

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	27.8
125	12.6	8.1	12.1#



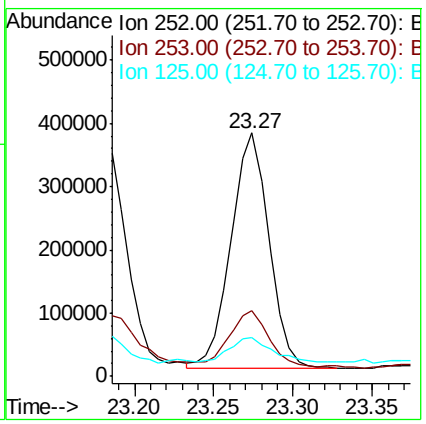


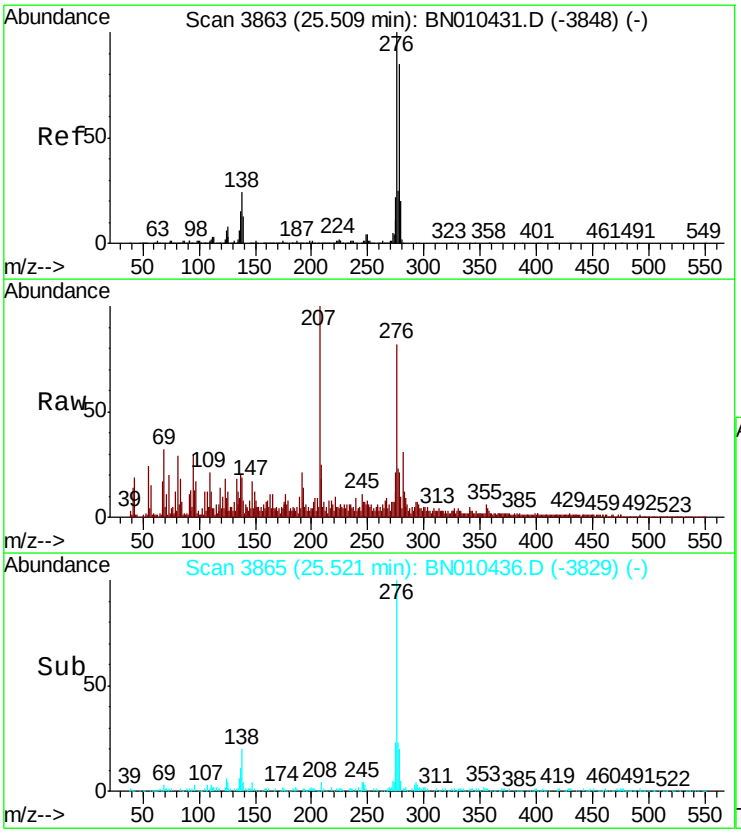
#91
Benzo(a)pyrene
Concen: 4.270 ng/ul
RT: 23.27 min Scan# 3483
Delta R.T. 0.01 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 622520

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.6	27.8
125	15.7	8.9	13.3#

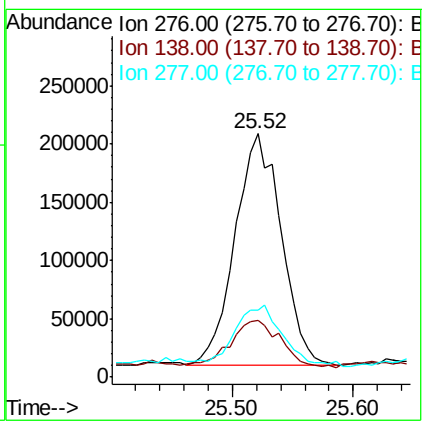


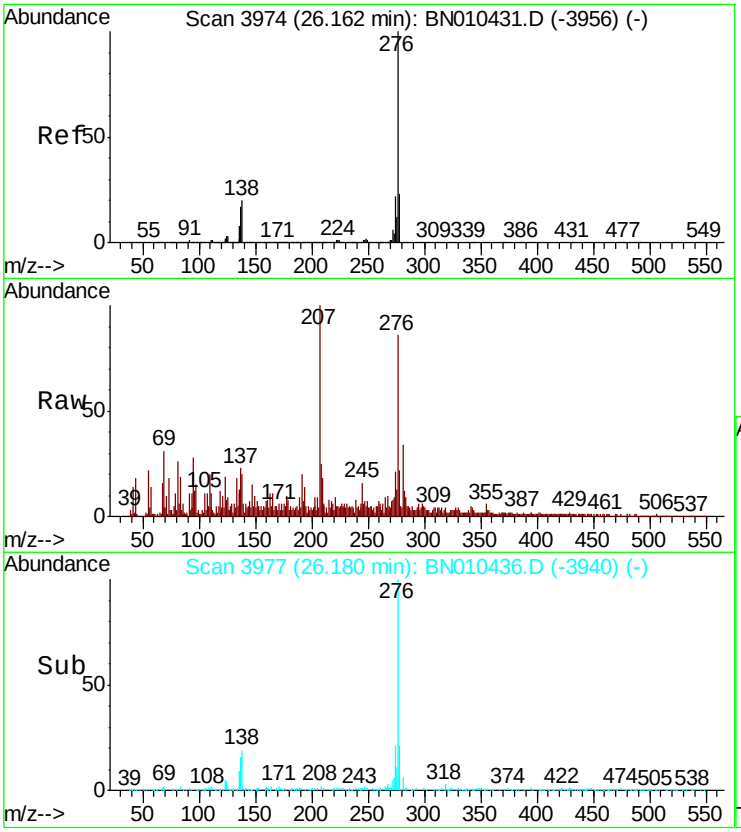


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.815 ng/ul
RT: 25.52 min Scan# 3865
Delta R.T. 0.01 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Tgt Ion:276 Resp: 529590

Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.8	29.8
277	27.6	20.6	30.8





#94
Benzo(g,h,i)perylene
Concen: 3.714 ng/ul
RT: 26.18 min Scan# 3977
Delta R.T. 0.02 min
Lab File: BN010436.D
Acq: 08 Apr 2020 18:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 588760

Ion	Ratio	Lower	Upper
276	100		
138	23.4	16.8	25.2
277	25.3	18.4	27.6