Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010440.D
Acq On : 08 Apr 2020 21:08
Operator : CG/JU
Sample : L2155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFB0

Quant Time: Apr 09 02:00:38 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	496566	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2070187	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1337138	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.99	188	2957810	20.00	ng/ul	0.01
78) Chrysene-d12	21.19	240	2770716	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	2560666	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	29700	2.83	ng/uL	0.00
5) Phenol-d5	6.80	99	636966	15.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	348696	16.07	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	575854	17.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	474963	13.57	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	295330	19.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	315368	19.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	601161	17.82	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	579995	14.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	1957447	19.40	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	2303872	19.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	291342	15.37	ng/ul	0.01
58) Fluorene-d10	15.23	176	1715428	19.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	81109	4.79	ng/ul	0.01
71) Anthracene-d10	17.09	188	2801909	20.63	ng/ul	0.01
79) Pyrene-d10	19.39	212	3377563	23.66	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	2839182	22.29	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	510676	4.902	ng/ul	97
77) Fluoranthene	19.05	202	316874	1.815	ng/ul	98
80) Pyrene	19.42	202	354716	1.915	ng/ul	96
83) Benzo(a)anthracene	21.17	228	189275	1.017	ng/ul#	87
85) Chrysene	21.23	228	203345	1.146	ng/ul	94
88) Benzo(b)fluoranthene	22.72	252	220799	1.424	ng/ul#	79
91) Benzo(a)pyrene	23.27	252	146544	1.009	ng/ul#	87

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

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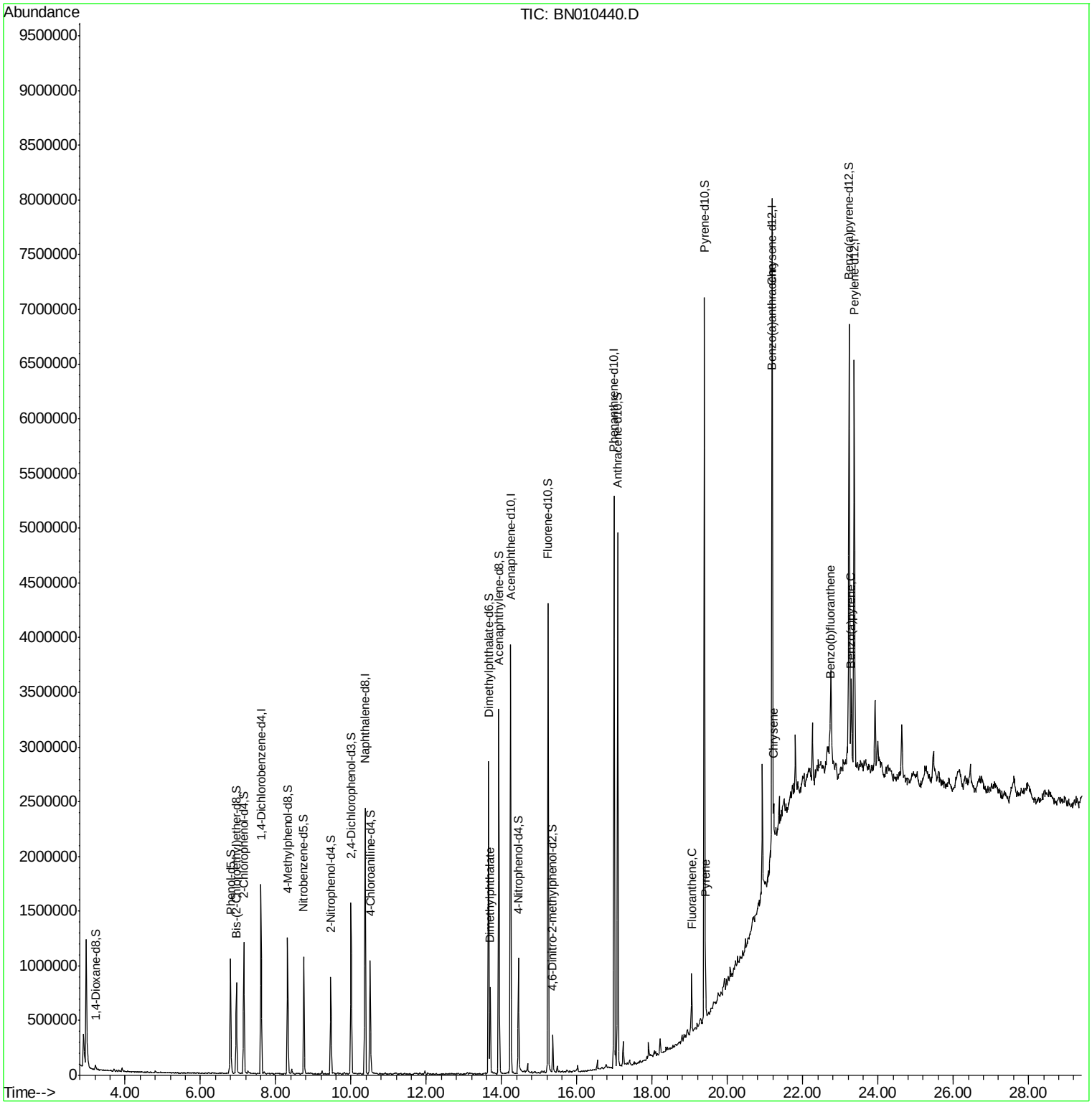
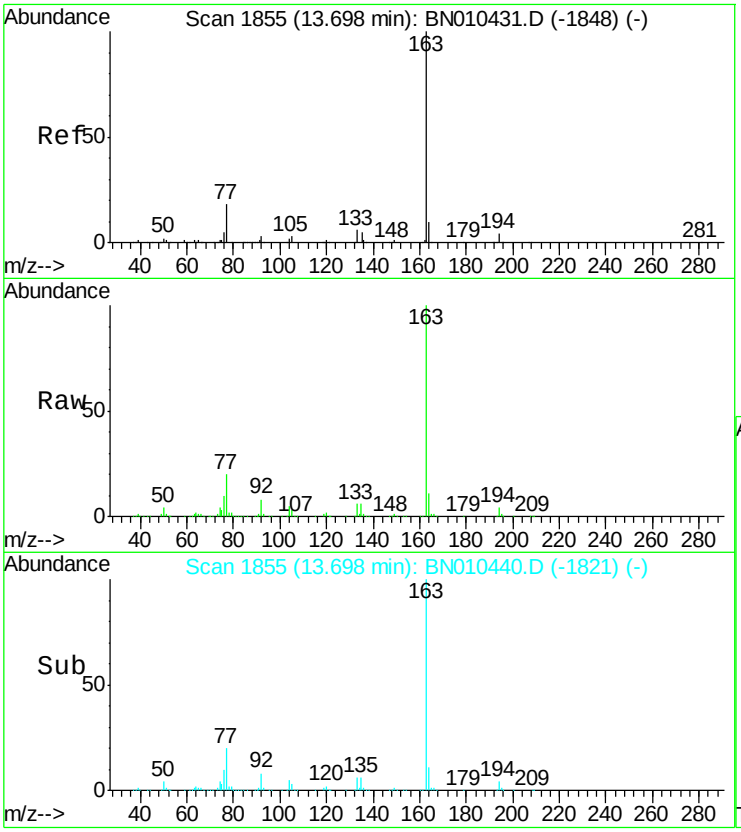


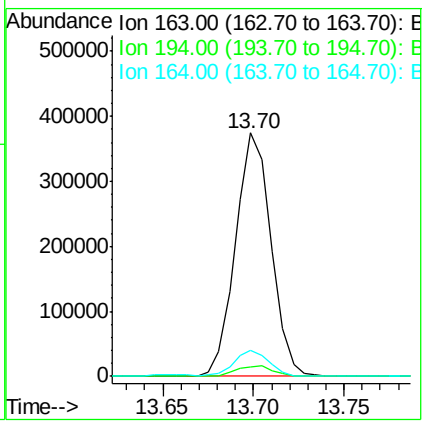


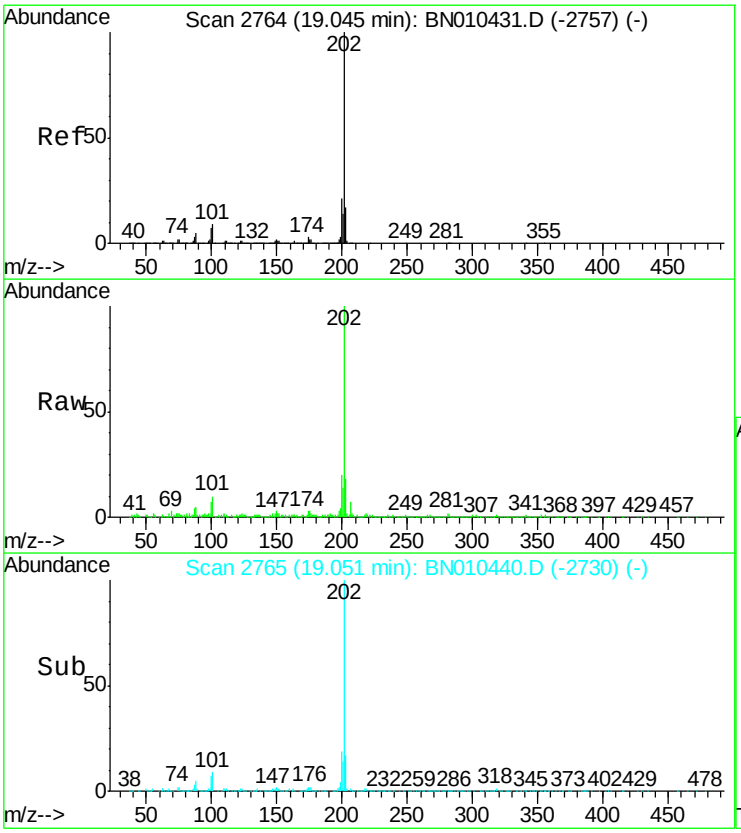
#45
Dimethylphthalate
Concen: 4.902 ng/ul
RT: 13.70 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BN010440.D
Acq: 08 Apr 2020 21:08

Instrument :
BNA_N
ClientSampleId :
DBFB0

Tgt Ion:163 Resp: 510676

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5
164	10.9	8.0	12.0

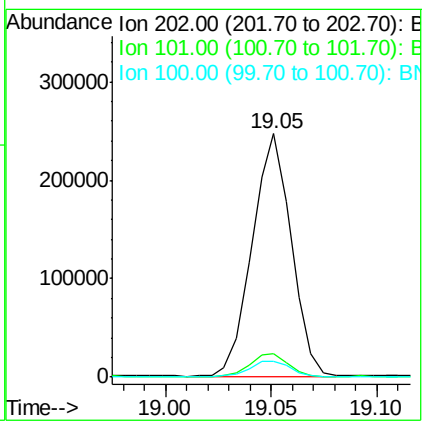


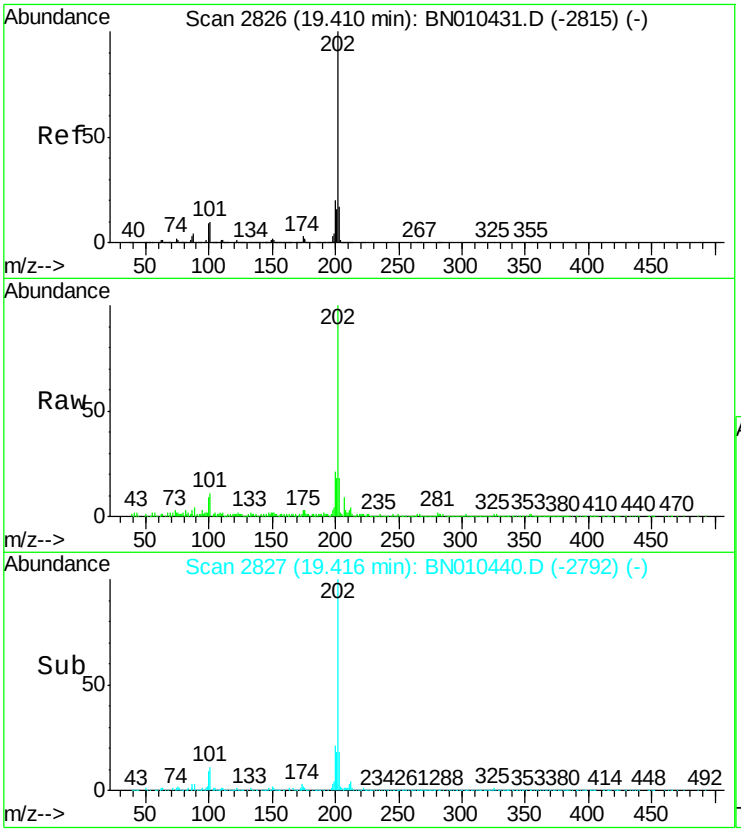


#77
Fluoranthene
Concen: 1.815 ng/ul
RT: 19.05 min Scan# 2765
Delta R.T. 0.01 min
Lab File: BN010440.D
Acq: 08 Apr 2020 21:08

Tgt Ion:202 Resp: 316874

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.1	12.1
100	6.7	6.2	9.4



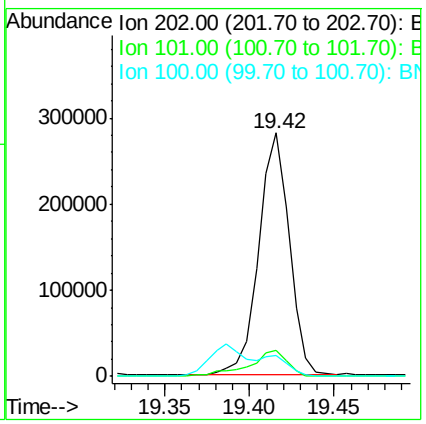


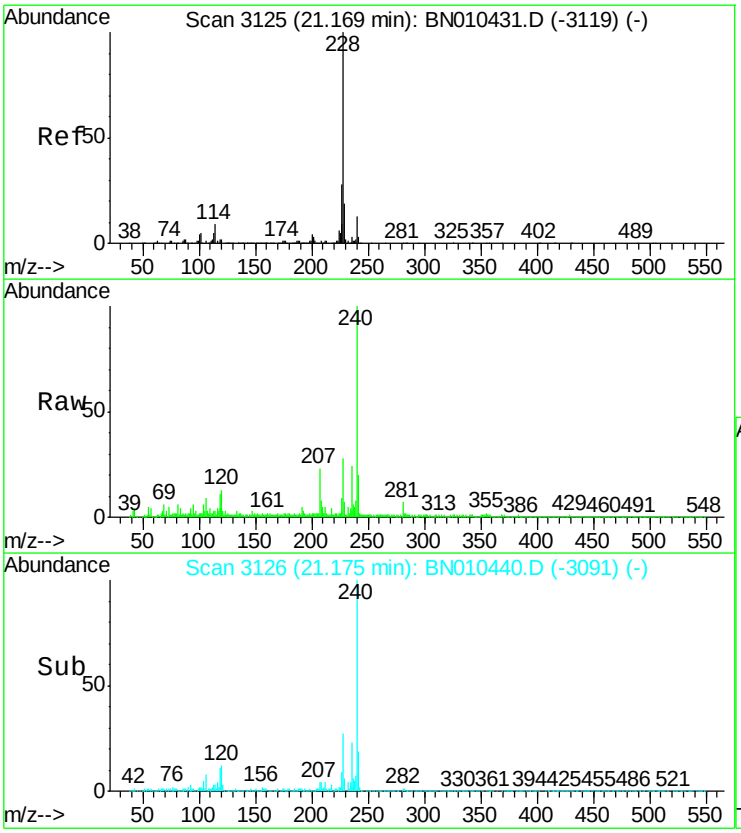
#80
Pyrene
Concen: 1.915 ng/ul
RT: 19.42 min Scan# 2827
Delta R.T. 0.01 min
Lab File: BN010440.D
Acq: 08 Apr 2020 21:08

Instrument :
BNA_N
ClientSampleId :
DBFB0

Tgt Ion:202 Resp: 354716

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.6	14.4
100	8.5	8.1	12.1

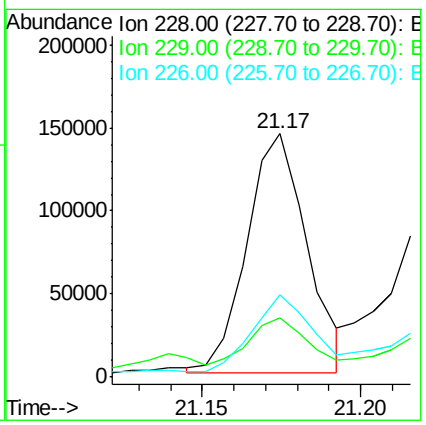


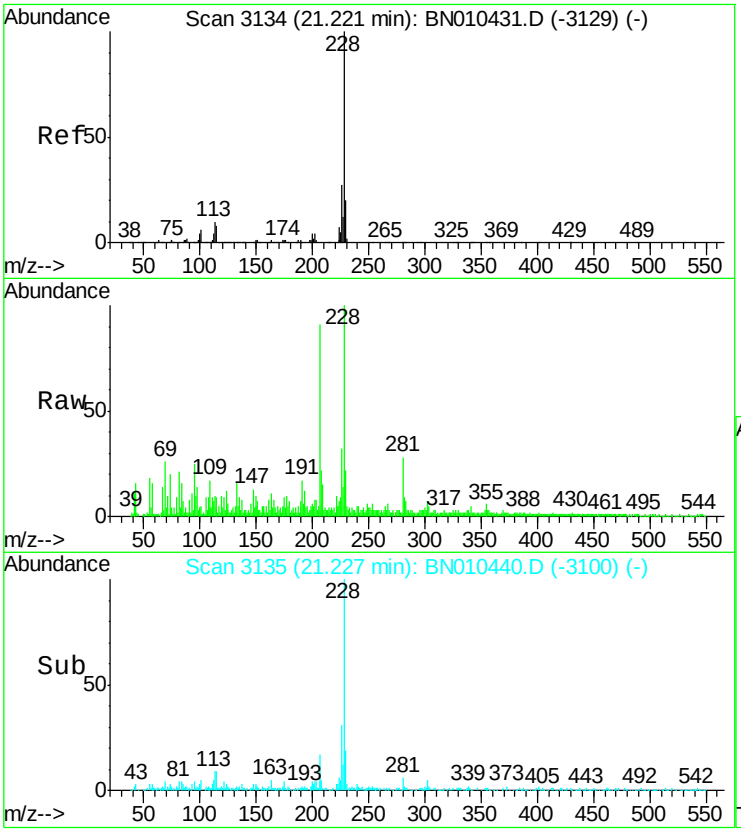


#83
Benzo(a)anthracene
Concen: 1.017 ng/ul
RT: 21.17 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BN010440.D
Acq: 08 Apr 2020 21:08

Tgt Ion:228 Resp: 189275

Ion	Ratio	Lower	Upper
228	100		
229	24.5	15.7	23.5#
226	33.6	21.0	31.6#



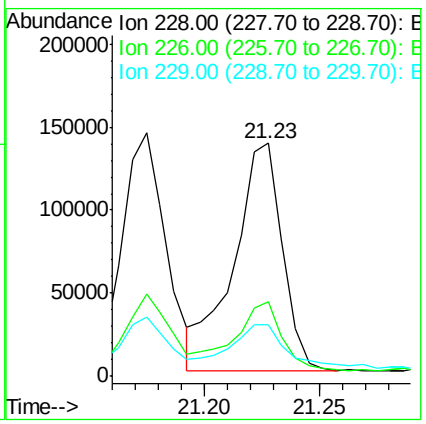


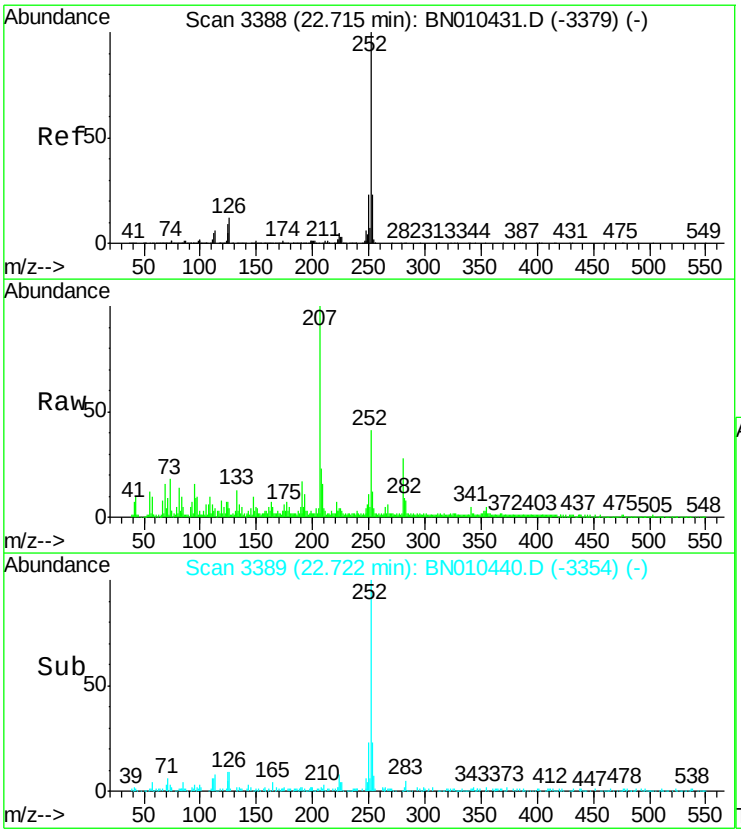
#85
Chrysene
Concen: 1.146 ng/ul
RT: 21.23 min Scan# 3135
Delta R.T. 0.01 min
Lab File: BN010440.D
Acq: 08 Apr 2020 21:08

Instrument :
BNA_N
ClientSampleId :
DBFB0

Tgt Ion:228 Resp: 203345

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.0	34.6
229	22.3	15.7	23.5

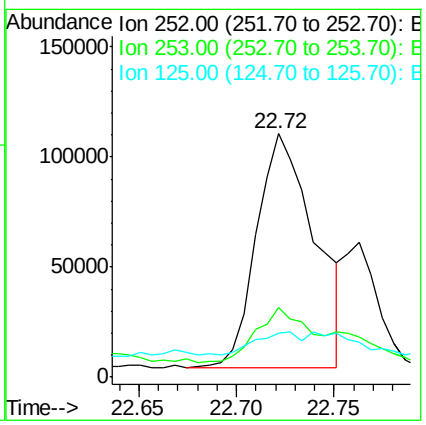


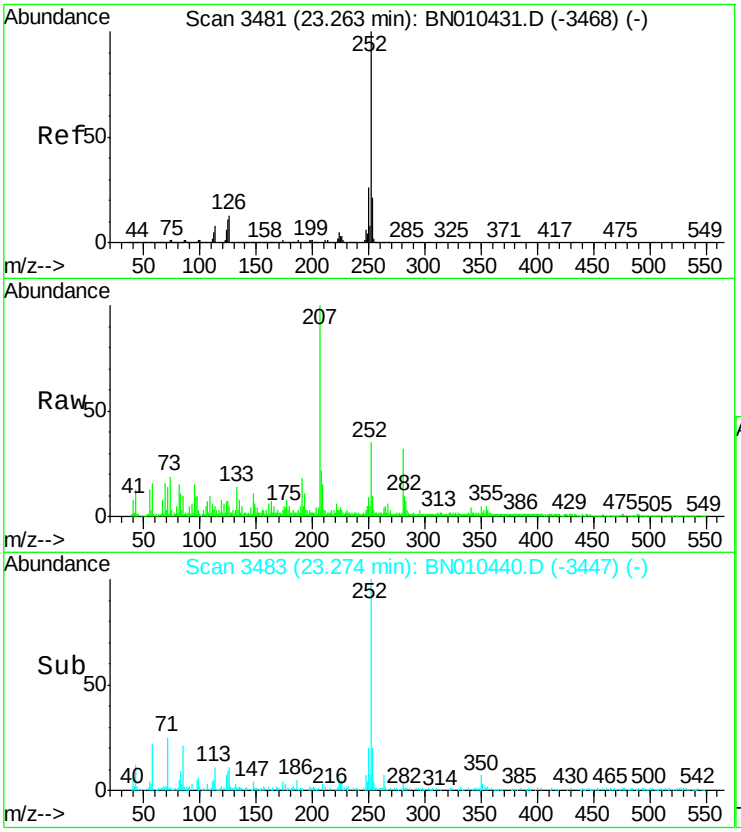


#88
Benzo(b)fluoranthene
Concen: 1.424 ng/ul
RT: 22.72 min Scan# 3389
Delta R.T. 0.01 min
Lab File: BN010440.D
Acq: 08 Apr 2020 21:08

Tgt Ion:252 Resp: 220799

Ion	Ratio	Lower	Upper
252	100		
253	28.8	16.0	24.0#
125	17.9	7.4	11.0#





#91
Benzo(a)pyrene
Concen: 1.009 ng/ul
RT: 23.27 min Scan# 3483
Delta R.T. 0.01 min
Lab File: BN010440.D
Acq: 08 Apr 2020 21:08

Instrument :
BNA_N
ClientSampleId :
DBFB0

Tgt Ion:252 Resp: 146544

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.6	27.8
125	19.1	8.9	13.3#