Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030520\
Data File : BN010112.D
Acq On : 05 Mar 2020 19:36
Operator : CG/JU
Sample : L1641-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 06 03:46:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 14:04:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	68493	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	291681	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	191202	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	403662	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	352791	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	381827	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	8642	5.19	ng/uL	0.00
5) Phenol-d5	6.56	99	168429	28.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	117337	29.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	131326	29.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	133960	28.91	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	65121	30.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	73572	31.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	131506	29.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	184126	36.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	450400	31.54	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	543249	32.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	50282	19.28	ng/ul	0.01
58) Fluorene-d10	15.00	176	390753	31.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	51850	20.68	ng/ul	0.00
71) Anthracene-d10	16.86	188	600789	32.47	ng/ul	0.00
79) Pyrene-d10	19.17	212	628006	34.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	620954	32.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	2636	1.378	ng/uL	86
15) N-Nitroso-di-n-propylamine	8.08	70	4241	1.075	ng/ul#	1
70) Phenanthrene	16.80	178	32631	1.416	ng/ul	96
77) Fluoranthene	18.84	202	48389	1.793	ng/ul	98
80) Pyrene	19.20	202	45928	1.806	ng/ul	98
83) Benzo(a)anthracene	20.97	228	26733	1.103	ng/ul	95
85) Chrysene	21.03	228	24961	1.046	ng/ul	93
88) Benzo(b)fluoranthene	22.47	252	28209	1.139	ng/ul#	88
89) Benzo(k)fluoranthene	22.47	252	28209	1.203	ng/ul#	90

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

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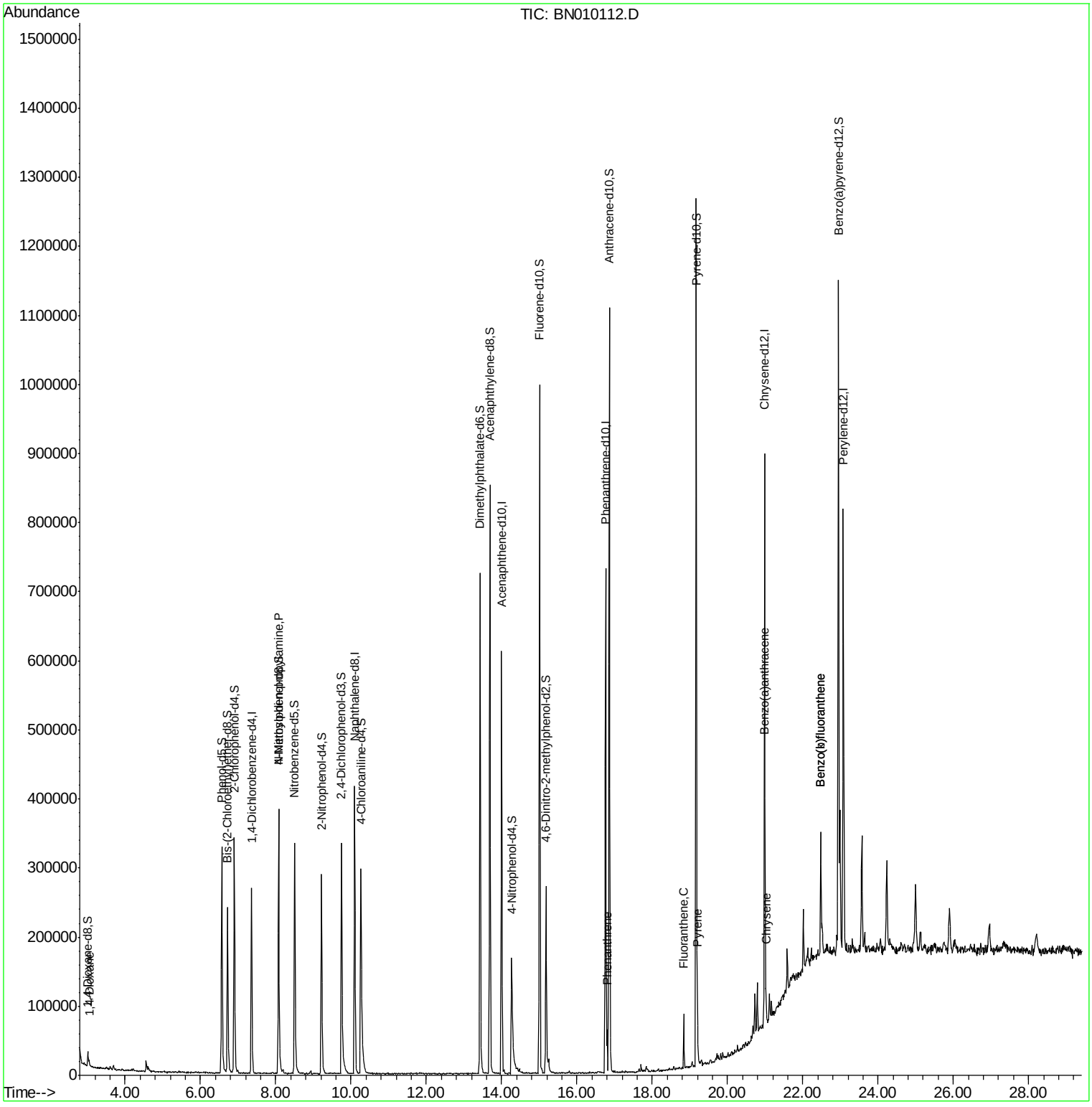
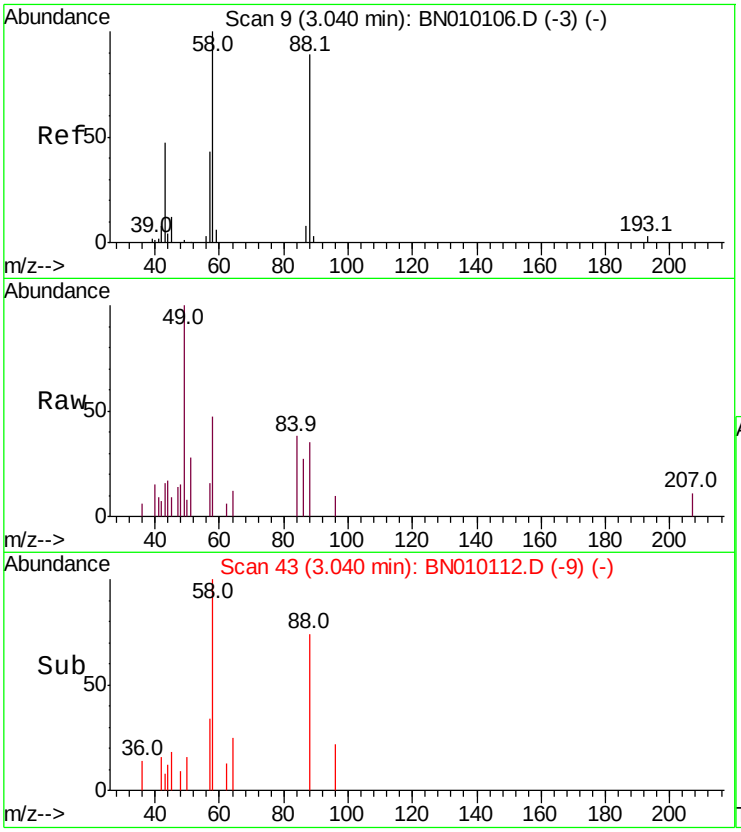
Quant Time: Mar 06 03:46:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 14:04:18 2020
Response via : Initial Calibration



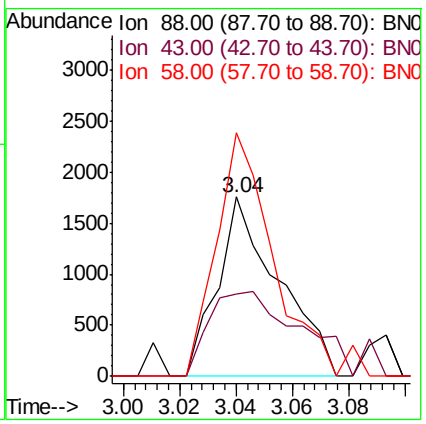


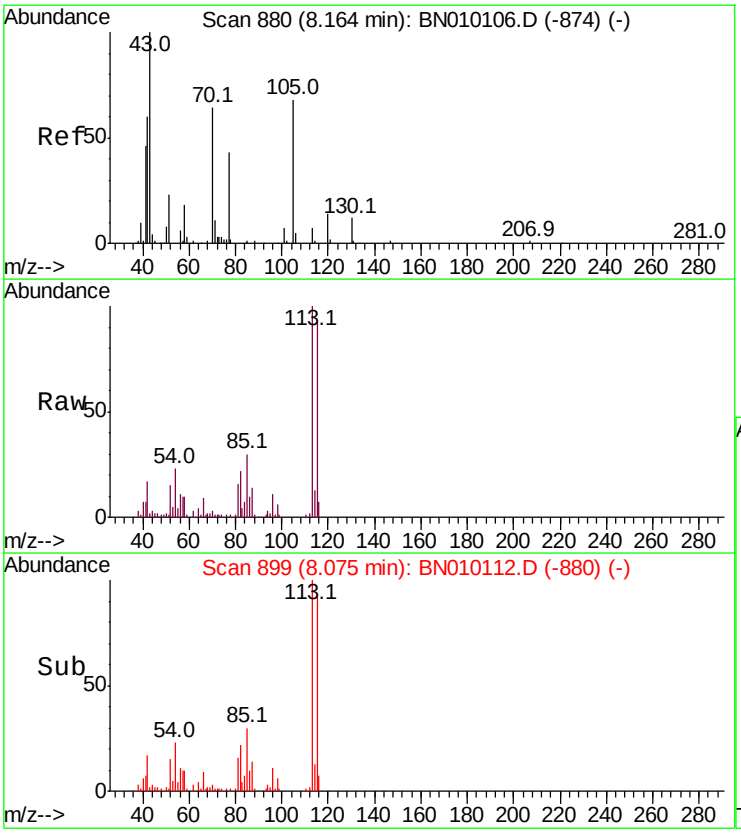
#2
1,4-Dioxane
Concen: 1.378 ng/uL
RT: 3.04 min Scan# 43
Delta R.T. -0.00 min
Lab File: BN010112.D
Acq: 05 Mar 2020 19:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 2636

Ion	Ratio	Lower	Upper
88	100		
43	46.1	44.7	67.1
58	135.6	96.2	144.2

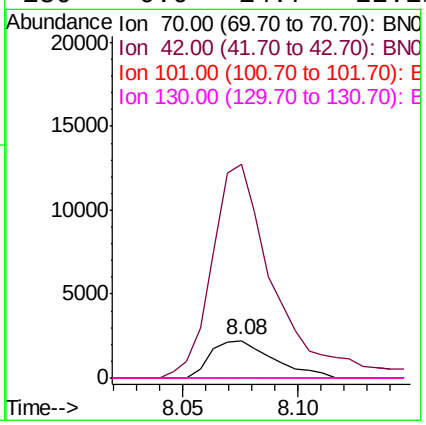


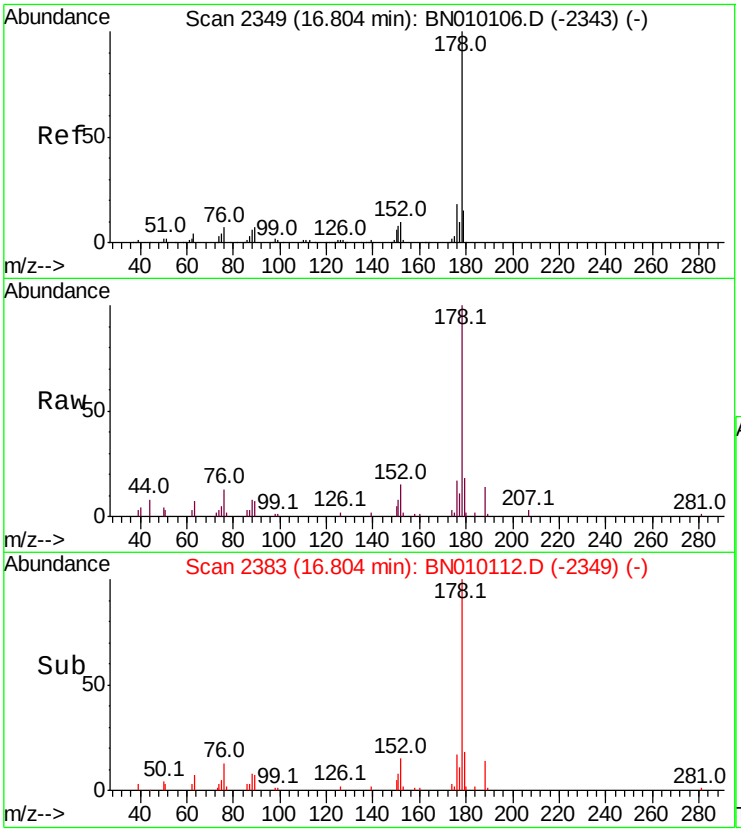


#15
N-Nitroso-di-n-propylamine
Concen: 1.075 ng/ul
RT: 8.08 min Scan# 899
Delta R.T. -0.09 min
Lab File: BN010112.D
Acq: 05 Mar 2020 19:36

Tgt Ion: 70 Resp: 4241

Ion	Ratio	Lower	Upper
70	100		
42	566.7	72.6	108.8#
101	0.0	7.7	11.5#
130	0.0	14.7	22.1#



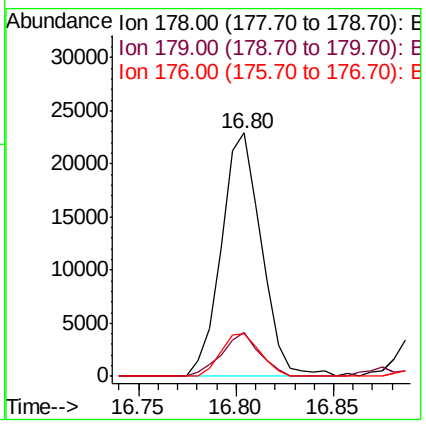


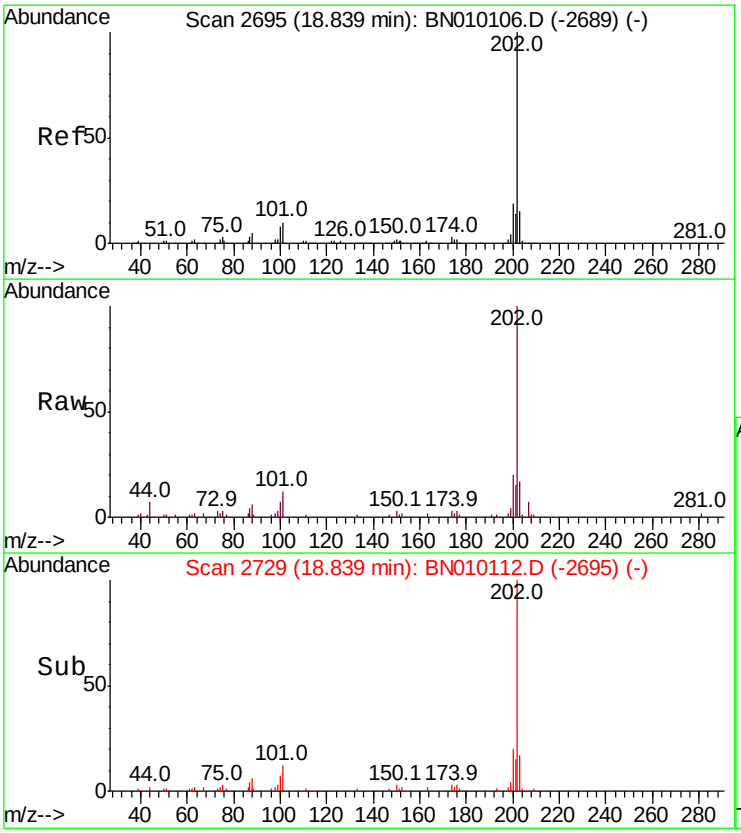
#70
Phenanthrene
Concen: 1.416 ng/ul
RT: 16.80 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BN010112.D
Acq: 05 Mar 2020 19:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 32631

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.5	18.7
176	17.3	14.6	22.0

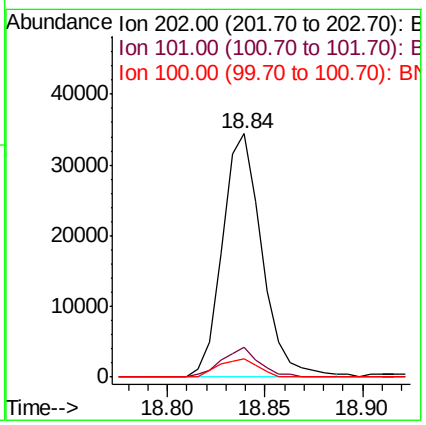


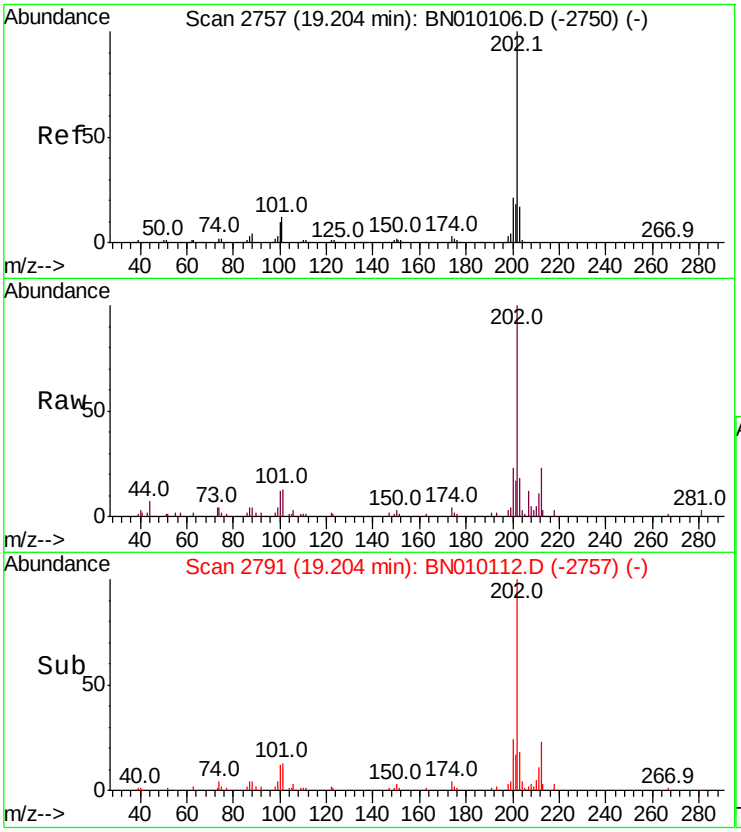


#77
Fluoranthene
Concen: 1.793 ng/ul
RT: 18.84 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BN010112.D
Acq: 05 Mar 2020 19:36

Tgt Ion:202 Resp: 48389

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.4	14.2
100	7.4	7.2	10.8



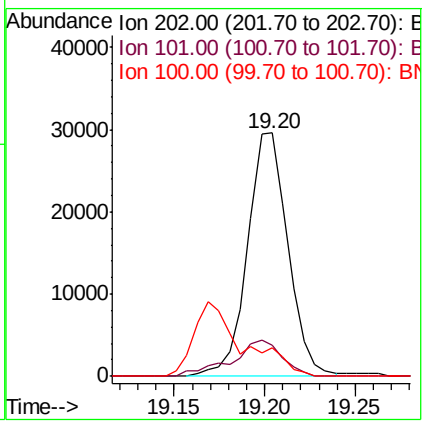


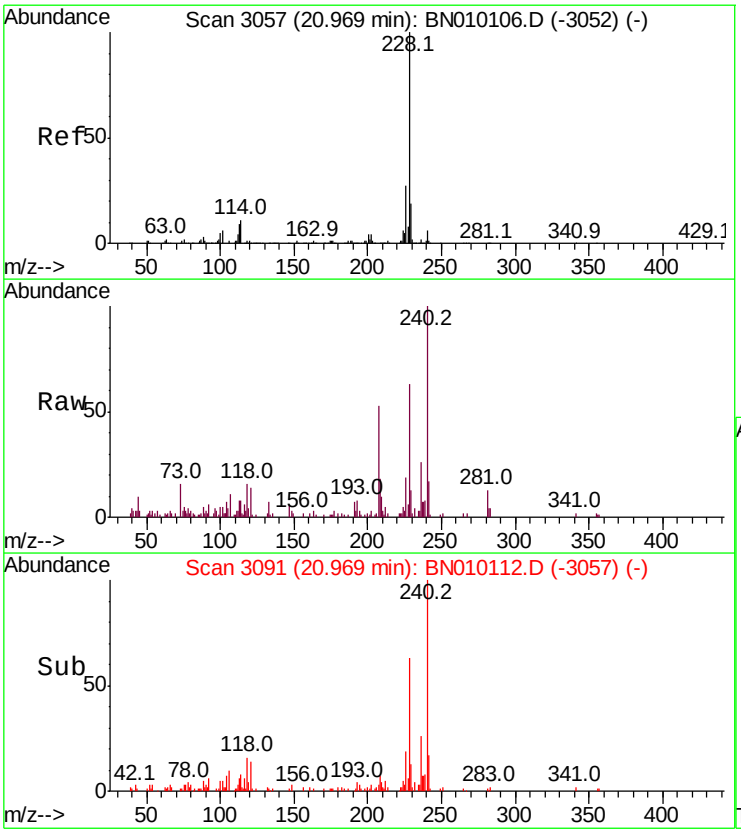
#80
Pyrene
Concen: 1.806 ng/ul
RT: 19.20 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BN010112.D
Acq: 05 Mar 2020 19:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 45928

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.3	16.9
100	11.7	9.0	13.6

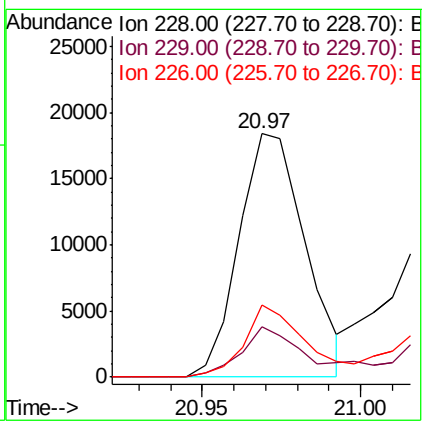


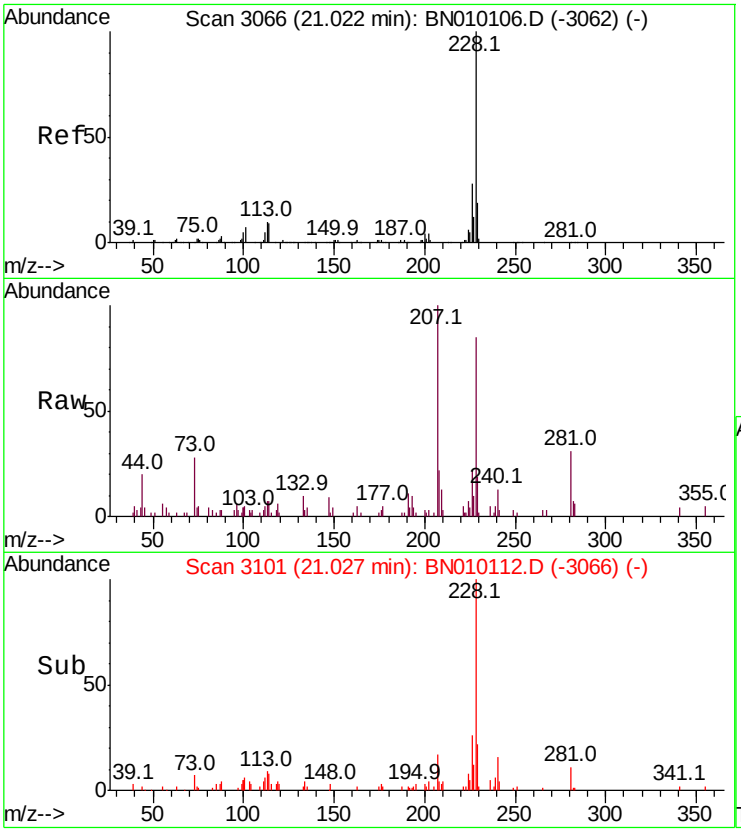


#83
Benzo(a)anthracene
Concen: 1.103 ng/ul
RT: 20.97 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BN010112.D
Acq: 05 Mar 2020 19:36

Tgt Ion:228 Resp: 26733

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.0	22.4
226	29.5	21.4	32.2



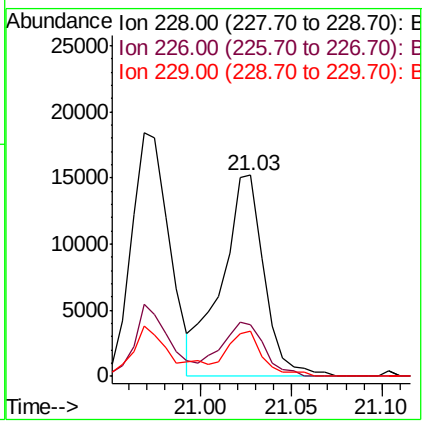


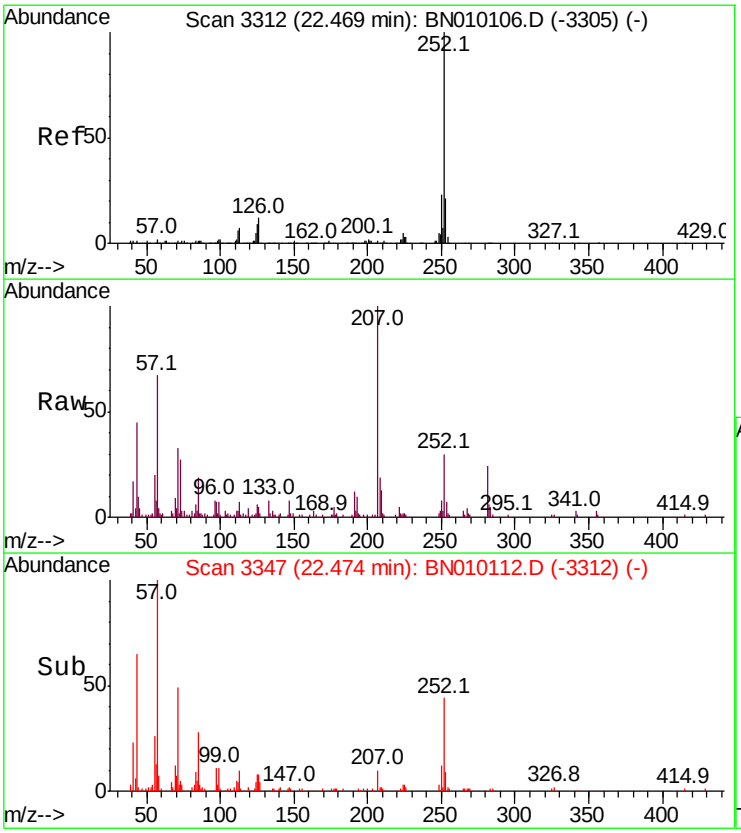
#85
Chrysene
Concen: 1.046 ng/ul
RT: 21.03 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BN010112.D
Acq: 05 Mar 2020 19:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 24961

Ion	Ratio	Lower	Upper
228	100		
226	25.5	23.4	35.2
229	22.4	15.0	22.4

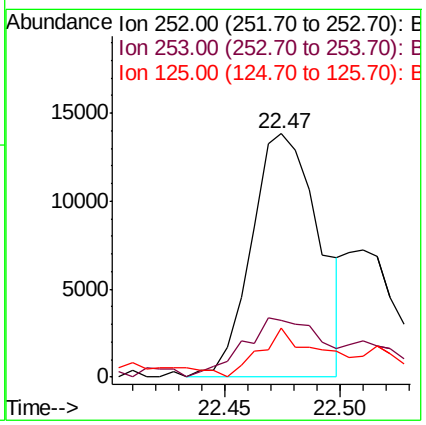


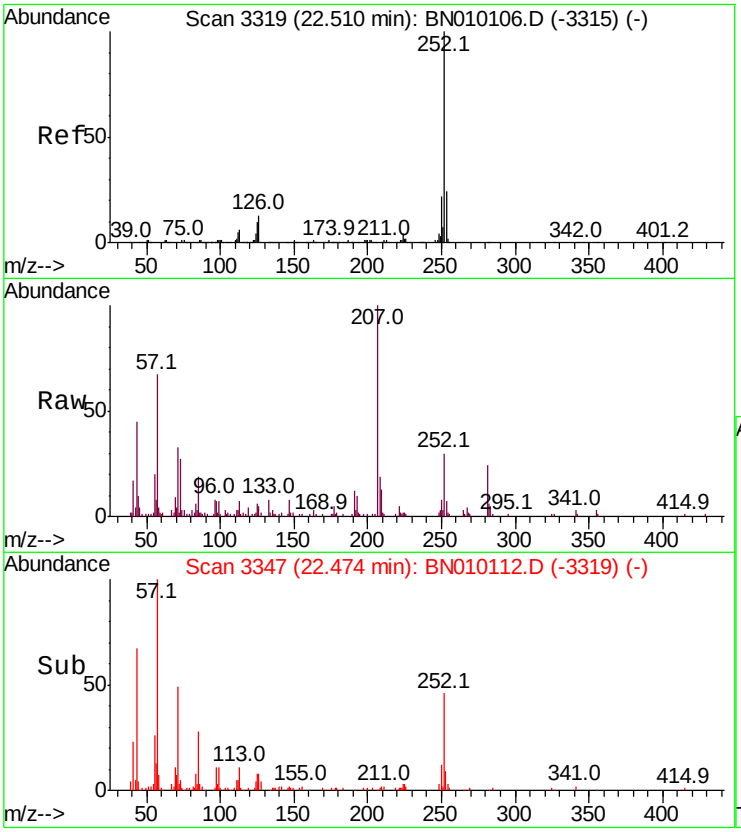


#88
Benzo(b)fluoranthene
Concen: 1.139 ng/ul
RT: 22.47 min Scan# 3347
Delta R.T. 0.01 min
Lab File: BN010112.D
Acq: 05 Mar 2020 19:36

Tgt Ion:252 Resp: 28209

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.4
125	20.1	8.0	12.0#





#89
Benzo(k)fluoranthene
Concen: 1.203 ng/ul
RT: 22.47 min Scan# 3347
Delta R.T. -0.04 min
Lab File: BN010112.D
Acq: 05 Mar 2020 19:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 28209

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	20.1	8.2	12.2#