Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100318\
Data File : BN002893.D
Acq On : 03 Oct 2018 10:36
Operator : MJ/SJ
Sample : J5123-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 03 12:10:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 29 06:35:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	59274	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	241894	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	152216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	363608	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	373559	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	392378	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.68	166	1	0.00	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	33	0.00	ng/ul	0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.01	188	363608	20.95	ng/ul	-0.10
78) Pyrene-d10	19.42	212	3	0.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	390335	18.90	ng/ul	0.14
Target Compounds						Qvalue
69) Phenanthrene	17.06	178	64530	3.221	ng/ul	99
71) Anthracene	17.06	178	64530	3.177	ng/ul	98
76) Fluoranthene	19.09	202	217599	10.182	ng/ul	99
79) Pyrene	19.45	202	51492	2.085	ng/ul	99
82) Benzo(a)anthracene	21.21	228	60769	2.615	ng/ul	99
84) Chrysene	21.26	228	115086	5.284	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	96204	4.015	ng/ul#	97
88) Benzo(k)fluoranthene	22.77	252	96204	4.303	ng/ul	98

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

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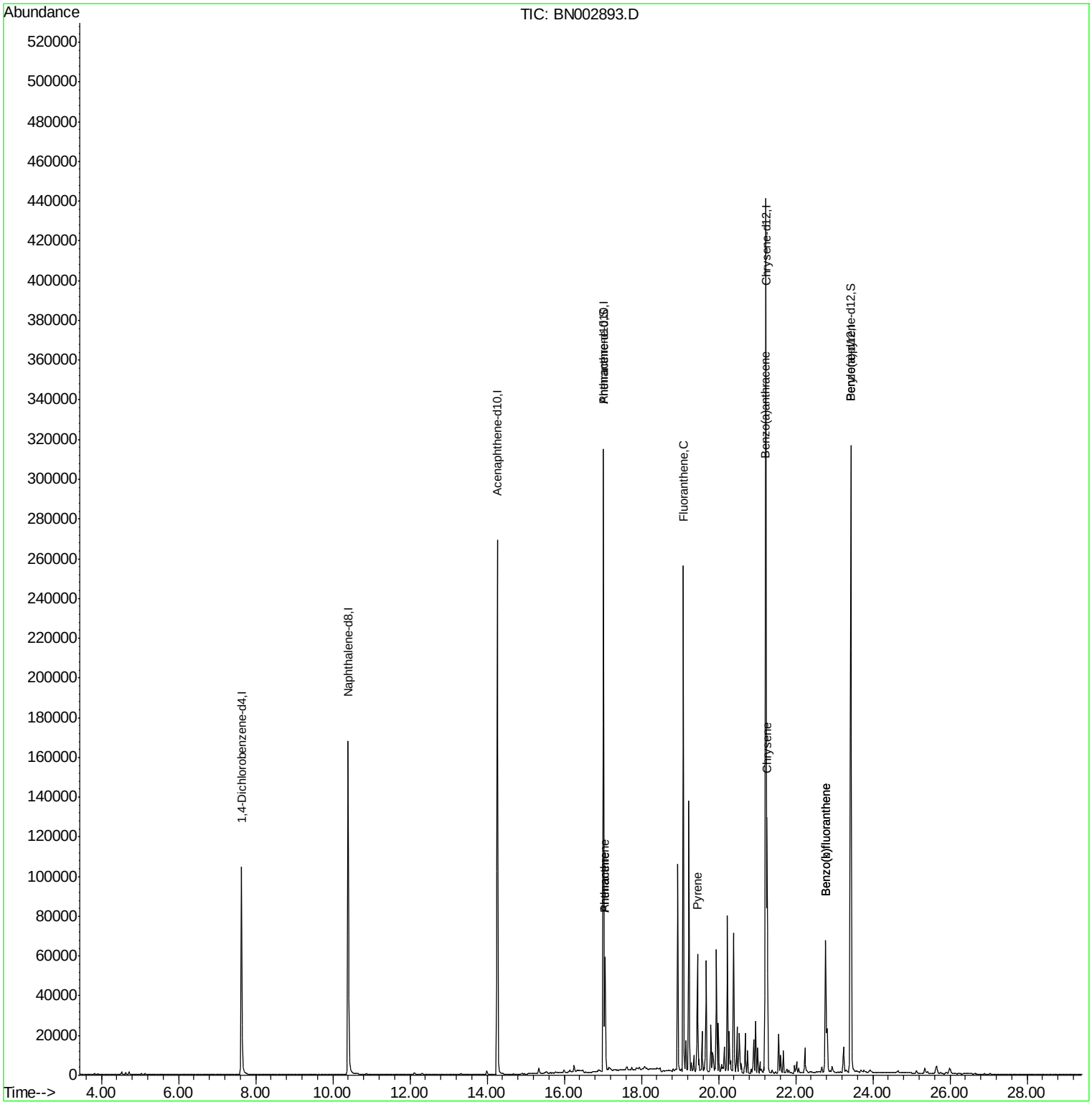
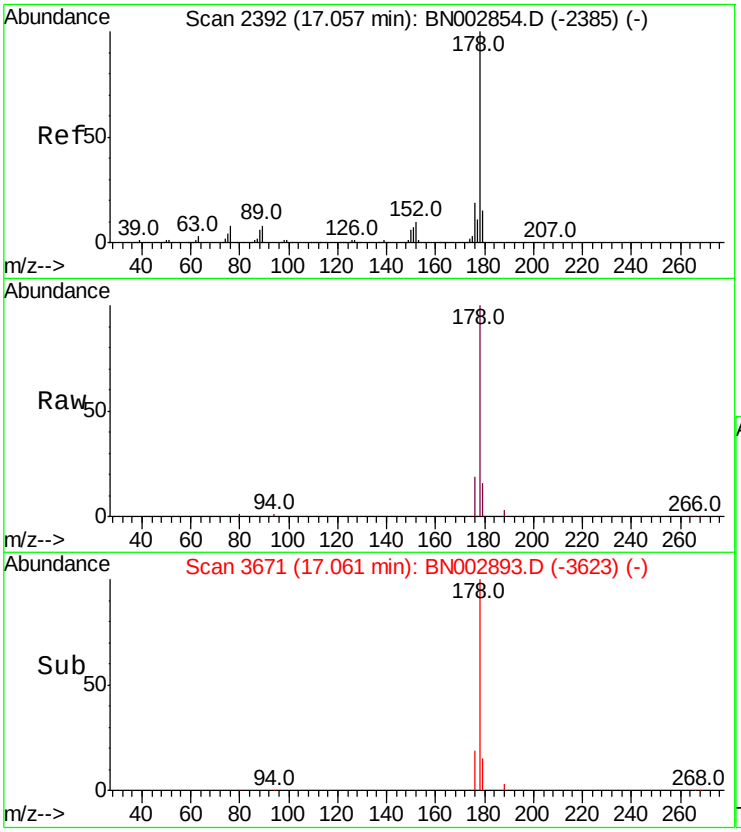


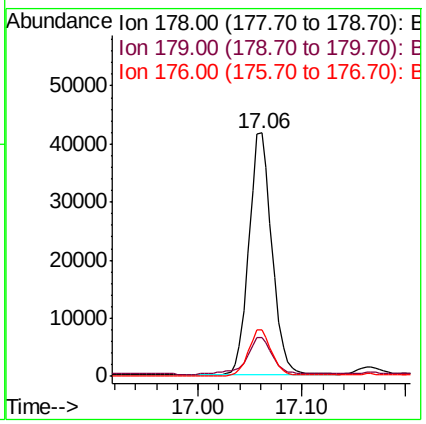


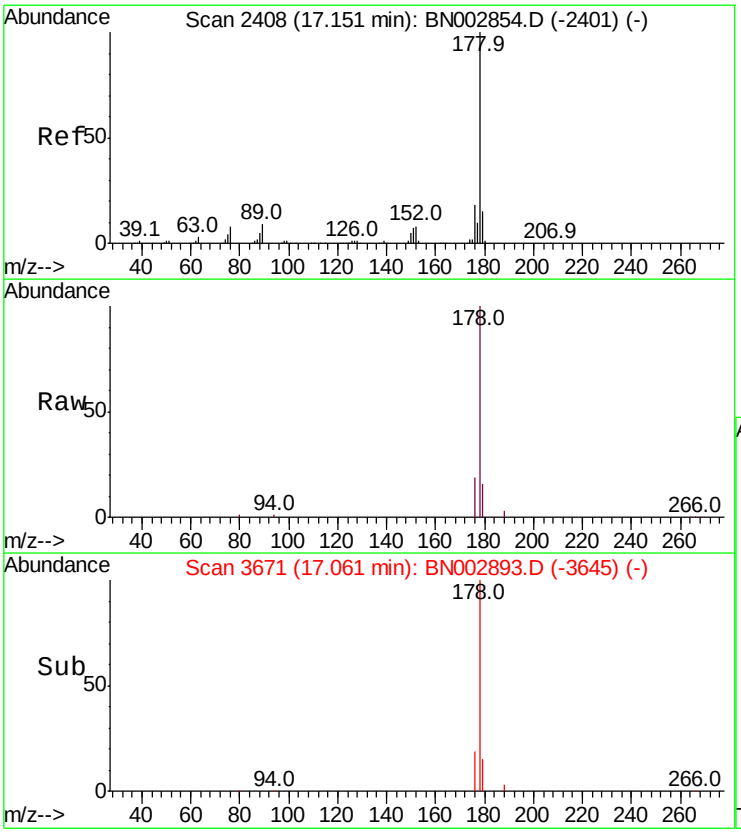
#69
Phenanthrene
Concen: 3.221 ng/ul
RT: 17.06 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BN002893.D
Acq: 03 Oct 2018 10:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 64530

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	18.9	15.0	22.6

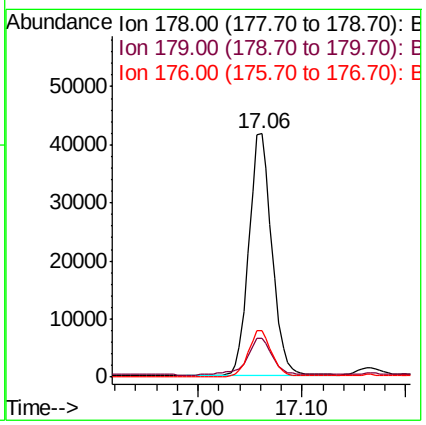


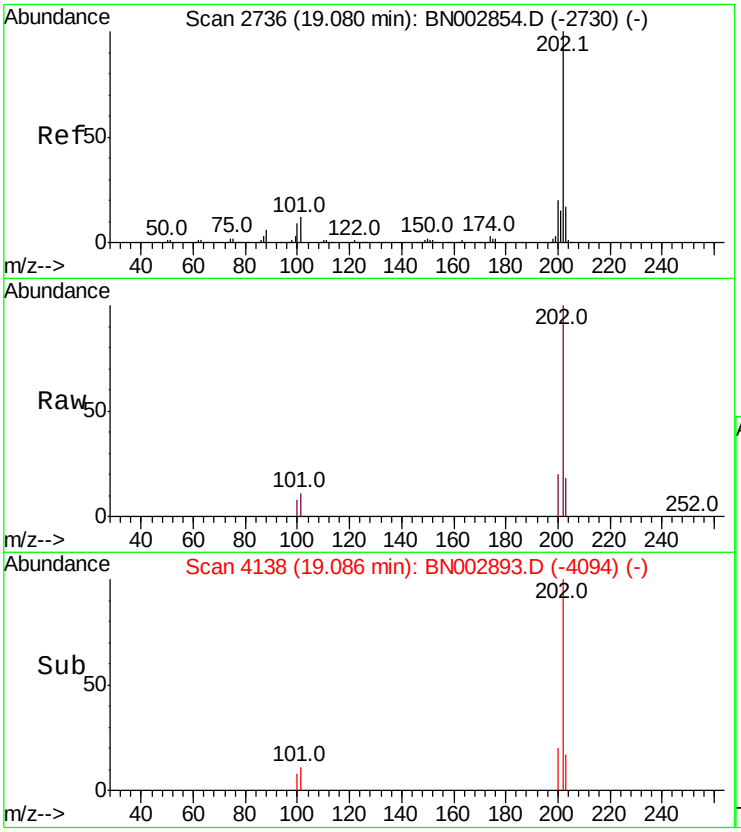


#71
Anthracene
Concen: 3.177 ng/ul
RT: 17.06 min Scan# 3671
Delta R.T. -0.09 min
Lab File: BN002893.D
Acq: 03 Oct 2018 10:36

Tgt Ion:178 Resp: 64530

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.0	18.0
176	18.9	15.0	22.4



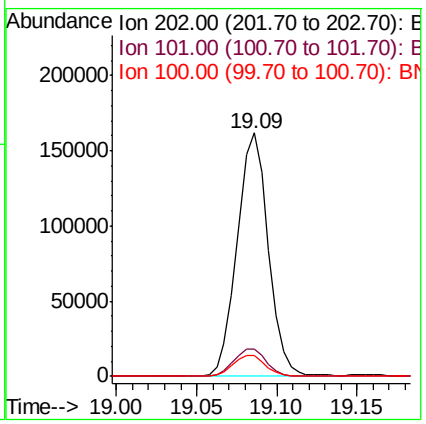


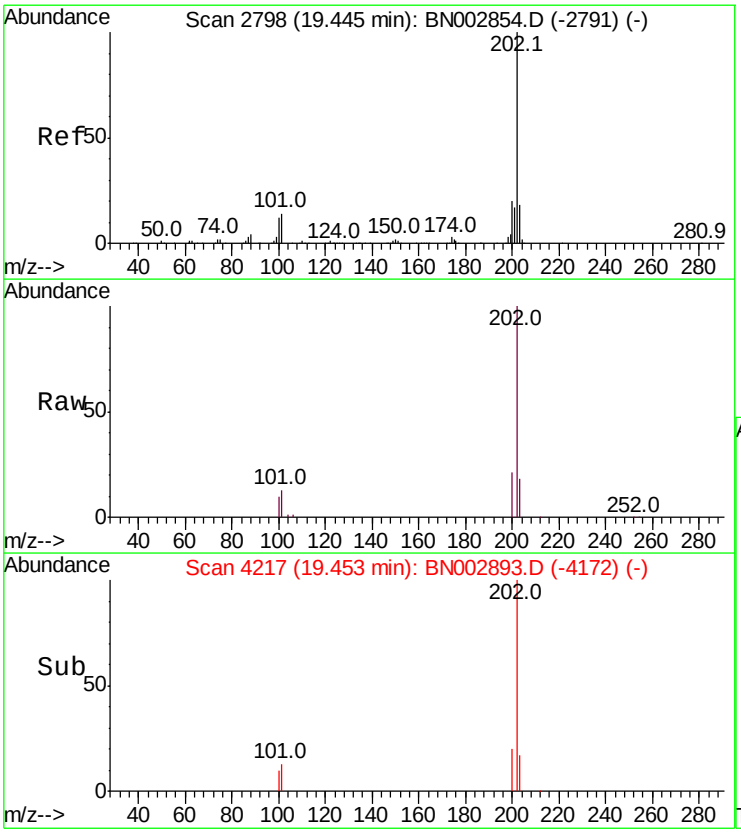
#76
Fluoranthene
Concen: 10.182 ng/ul
RT: 19.09 min Scan# 4138
Delta R.T. 0.01 min
Lab File: BN002893.D
Acq: 03 Oct 2018 10:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 217599

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.4	14.2
100	8.4	7.0	10.6

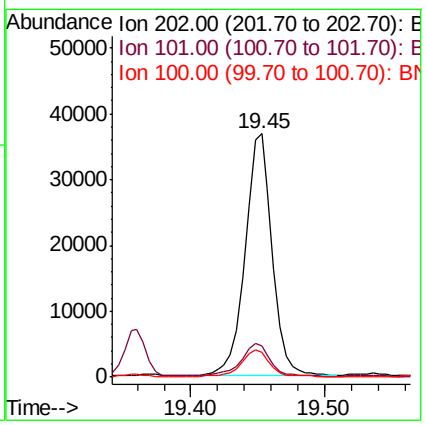


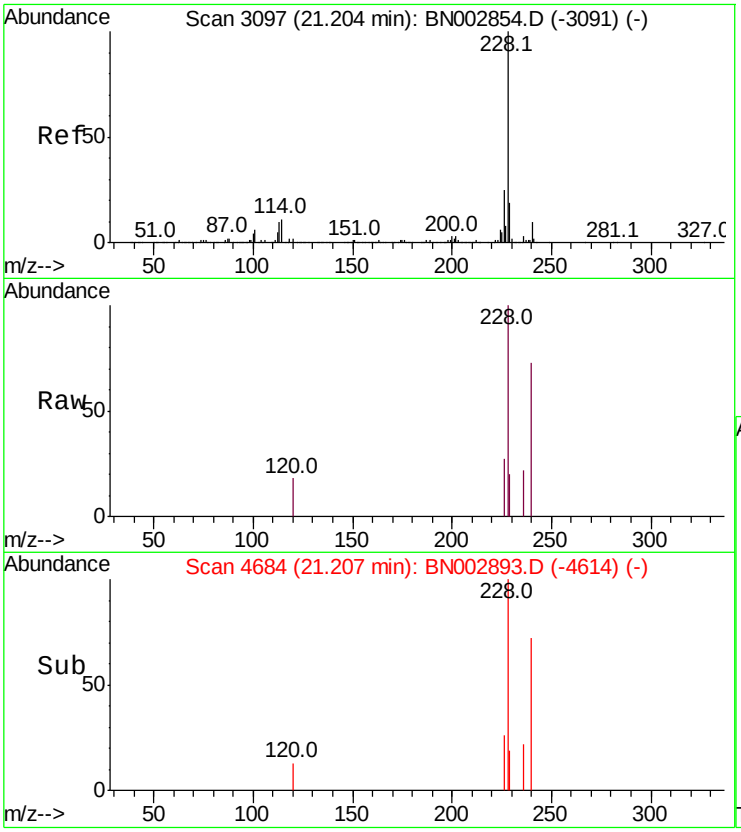


#79
Pyrene
Concen: 2.085 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. 0.01 min
Lab File: BN002893.D
Acq: 03 Oct 2018 10:36

Tgt Ion:202 Resp: 51492

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.8	16.2
100	10.3	8.2	12.2



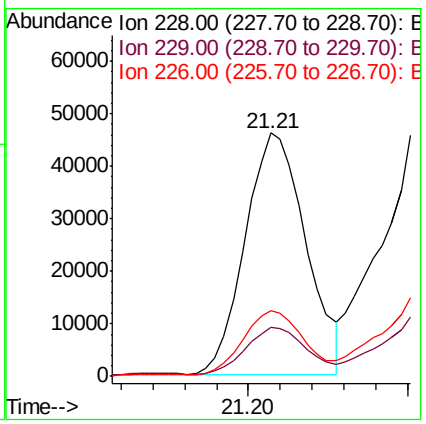


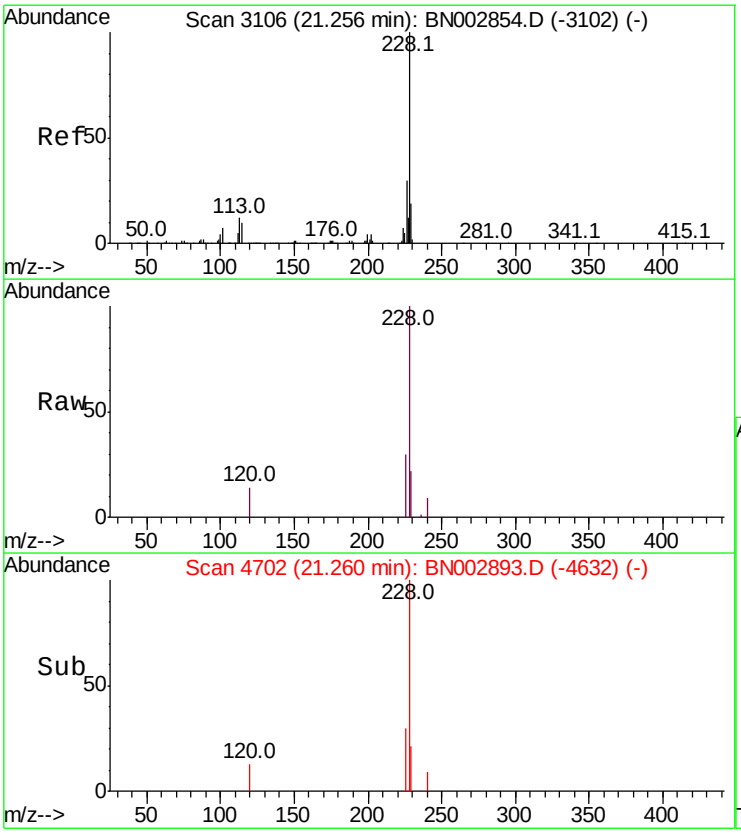
#82
Benzo(a)anthracene
Concen: 2.615 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. 0.00 min
Lab File: BN002893.D
Acq: 03 Oct 2018 10:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 60769

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	27.1	20.9	31.3

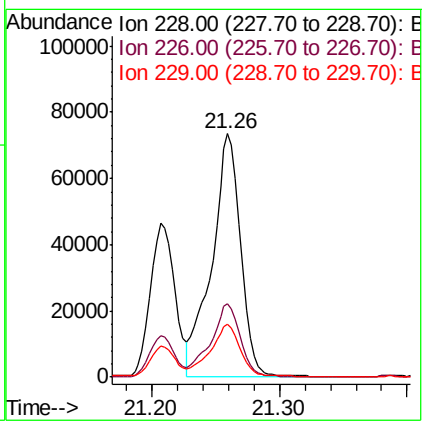


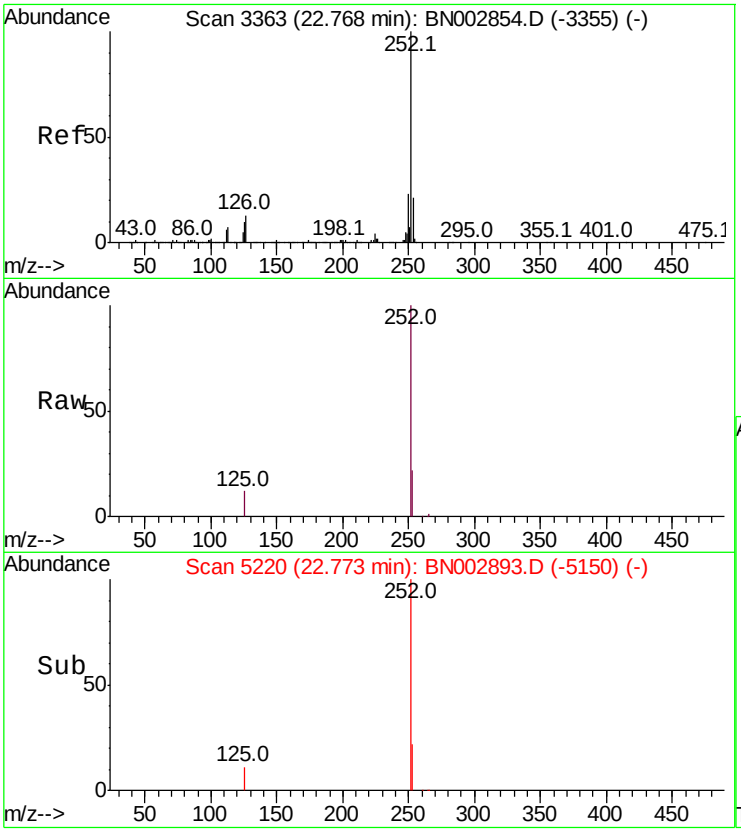


#84
Chrysene
Concen: 5.284 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BN002893.D
Acq: 03 Oct 2018 10:36

Tgt Ion:228 Resp: 115086

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	21.6	15.7	23.5



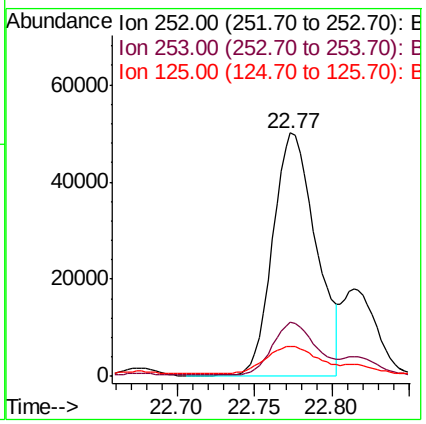


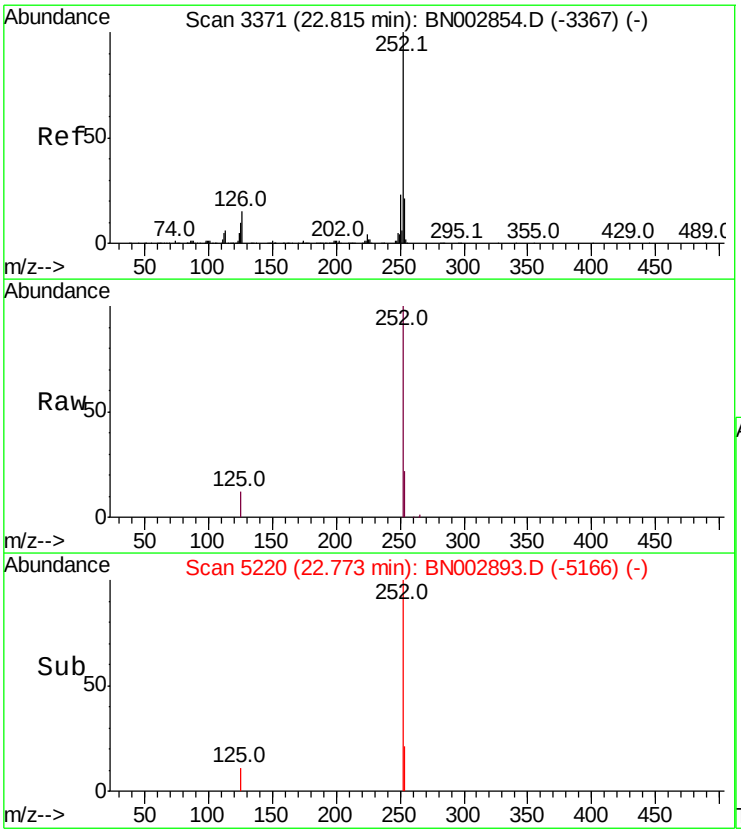
#87
Benzo(b)fluoranthene
Concen: 4.015 ng/ul
RT: 22.77 min Scan# 5220
Delta R.T. 0.01 min
Lab File: BN002893.D
Acq: 03 Oct 2018 10:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 96204

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	12.4	8.0	12.0#





#88
Benzo(k)fluoranthene
Concen: 4.303 ng/ul
RT: 22.77 min Scan# 5220
Delta R.T. -0.04 min
Lab File: BN002893.D
Acq: 03 Oct 2018 10:36

Tgt Ion:252 Resp: 96204

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	12.4	8.3	12.5