Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100318\
Data File : BN002892.D
Acq On : 03 Oct 2018 10:00
Operator : MJ/SJ
Sample : J5123-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B50

Quant Time: Oct 03 12:31:04 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	66460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	257172	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	152377	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	356039	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	323441	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	324122	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	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
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	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
69) Phenanthrene	17.06	178	29494	1.504	ng/ul	98
76) Fluoranthene	19.09	202	114002	5.448	ng/ul	99
79) Pyrene	19.45	202	82007	3.835	ng/ul	98
82) Benzo(a)anthracene	21.21	228	58068	2.886	ng/ul	98
84) Chrysene	21.26	228	68558	3.635	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	92318	4.664	ng/ul#	96
88) Benzo(k)fluoranthene	22.82	252	31654m	1.714	ng/ul	
90) Benzo(a)pyrene	23.34	252	22333	1.193	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.64	276	28788	1.299	ng/ul	98
93) Benzo(g,h,i)perylene	26.32	276	19846	1.072	ng/ul	97

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

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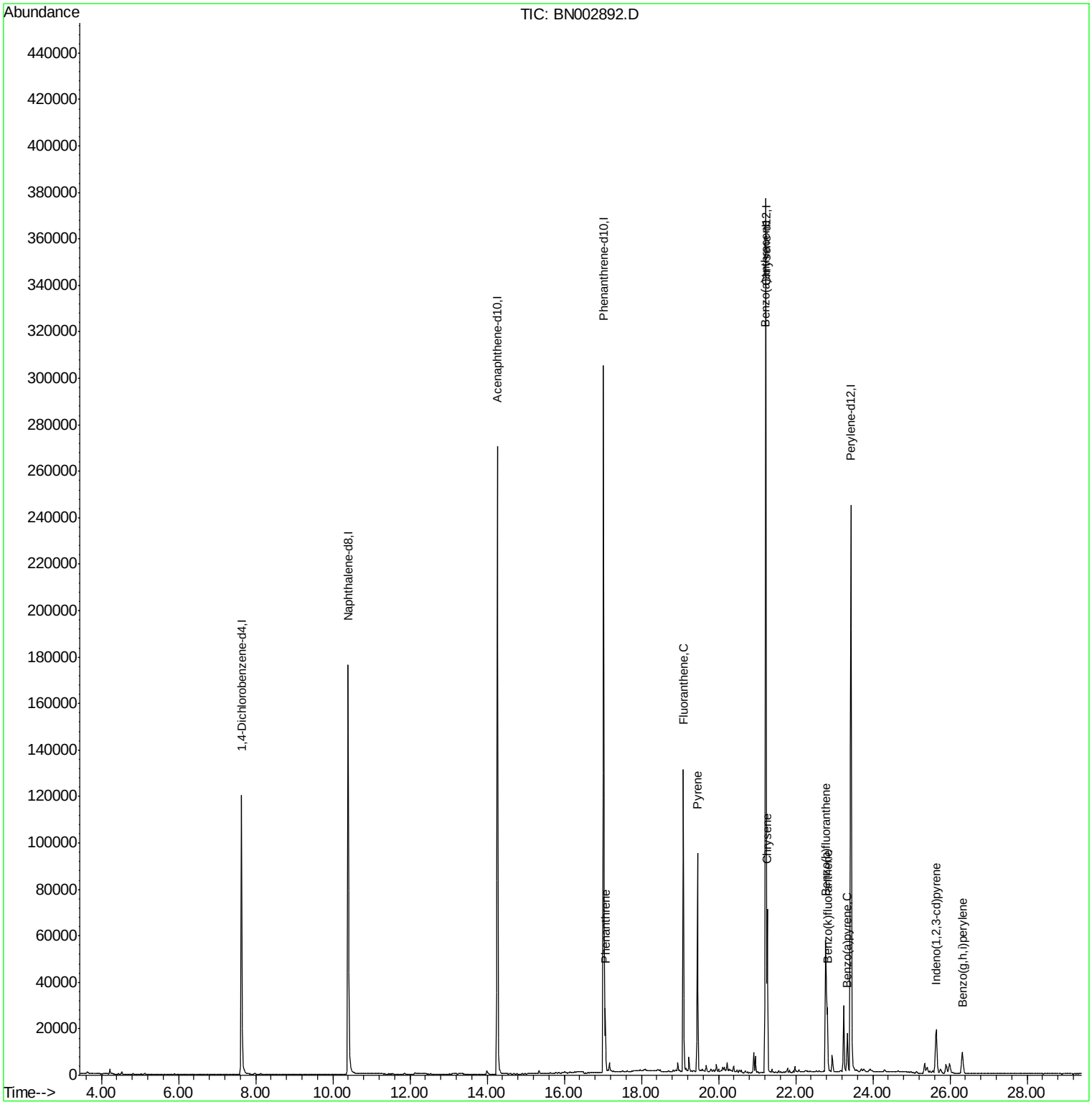
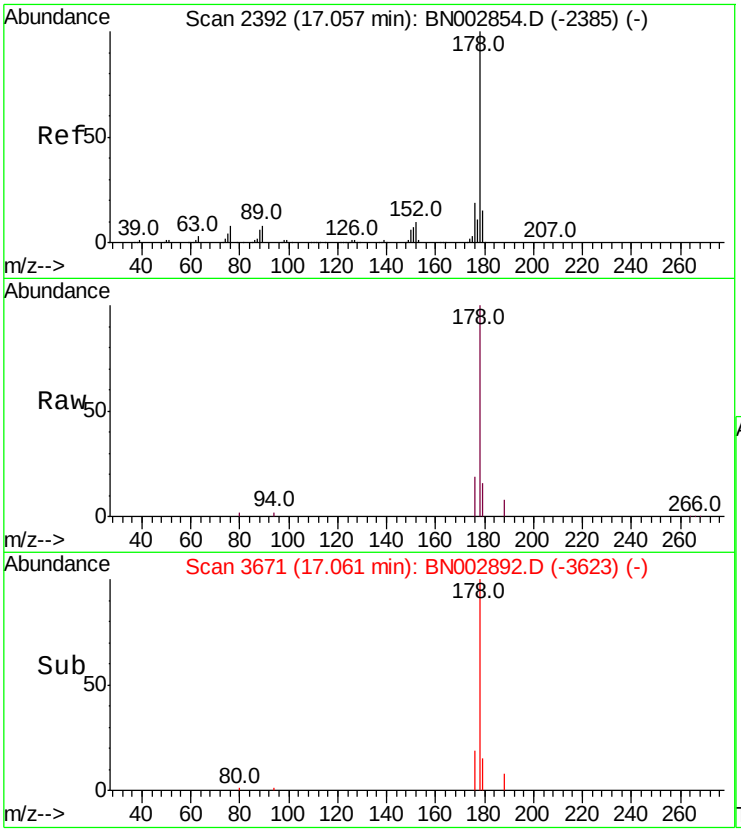


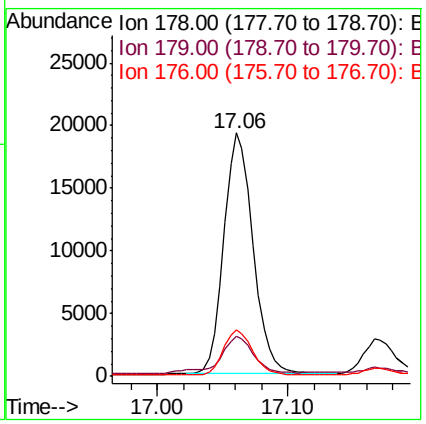


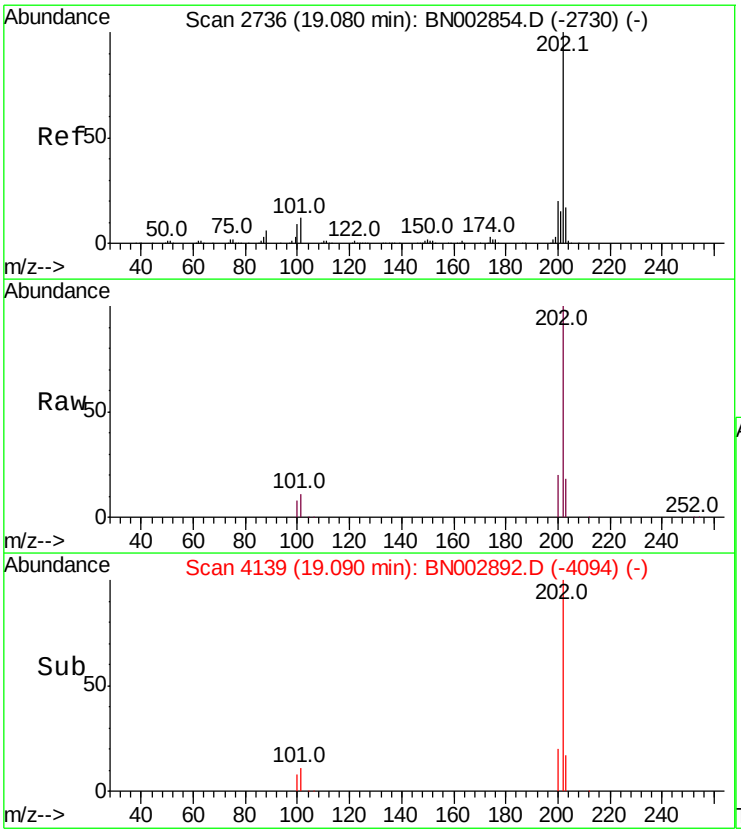
#69
Phenanthrene
Concen: 1.504 ng/ul
RT: 17.06 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Instrument :
BNA_N
ClientSampleId :
C0B50

Tgt Ion:178 Resp: 29494

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	19.3	15.0	22.6

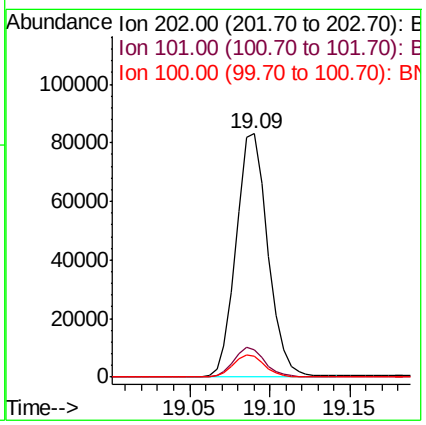


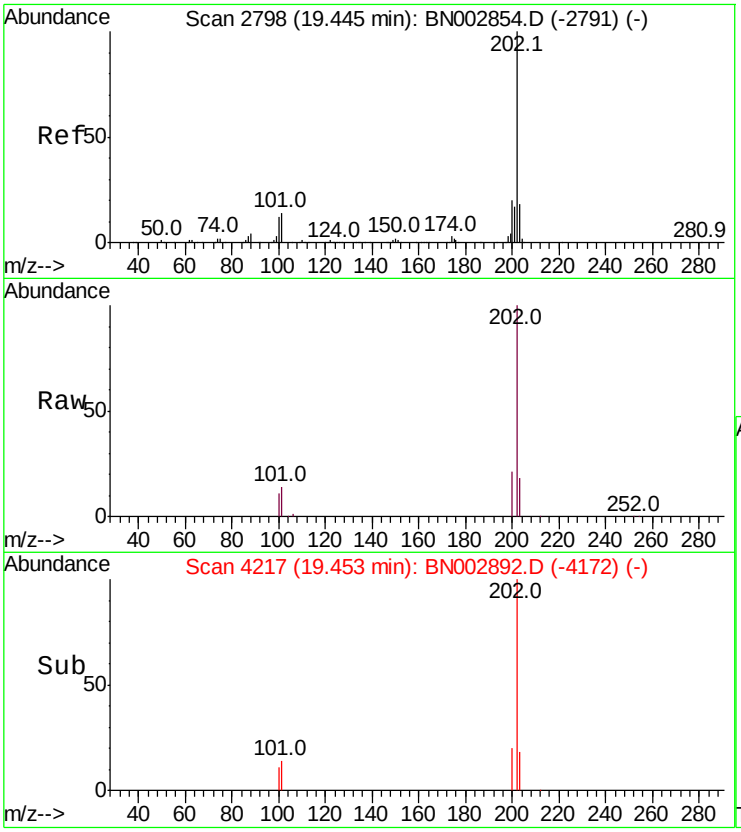


#76
Fluoranthene
Concen: 5.448 ng/ul
RT: 19.09 min Scan# 4139
Delta R.T. 0.01 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Tgt Ion:202 Resp: 114002

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.4	14.2
100	8.4	7.0	10.6



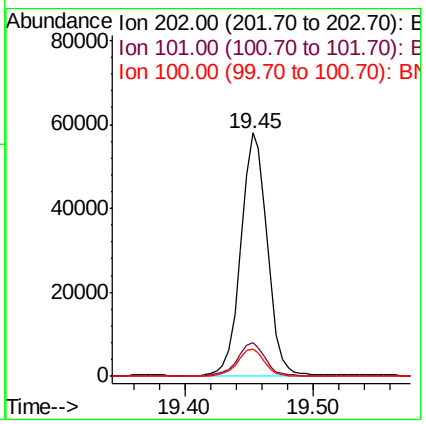


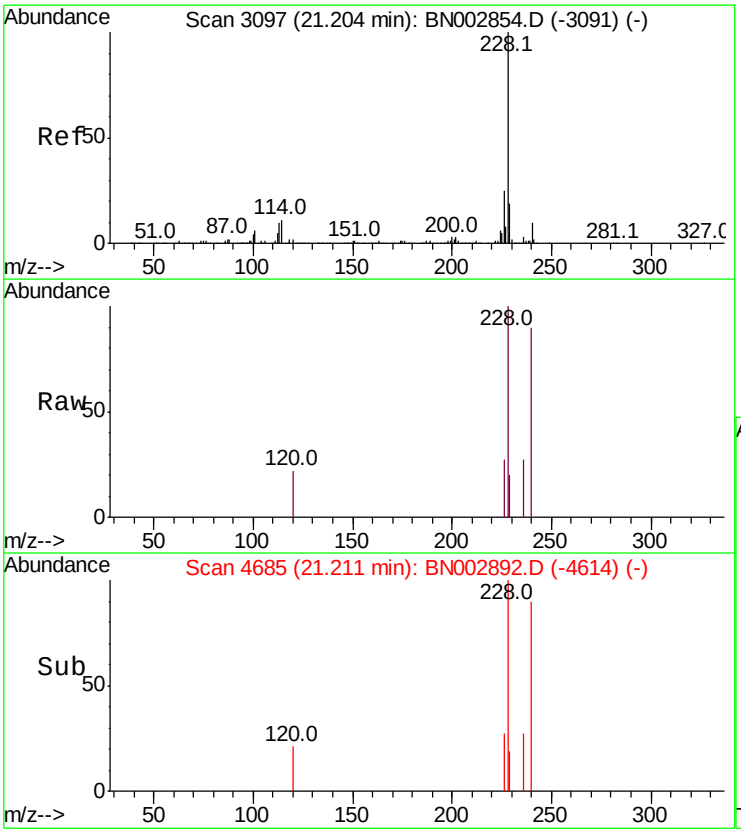
#79
Pyrene
Concen: 3.835 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. 0.01 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Instrument :
BNA_N
ClientSampleId :
C0B50

Tgt Ion:202 Resp: 82007

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.8	16.2
100	11.0	8.2	12.2

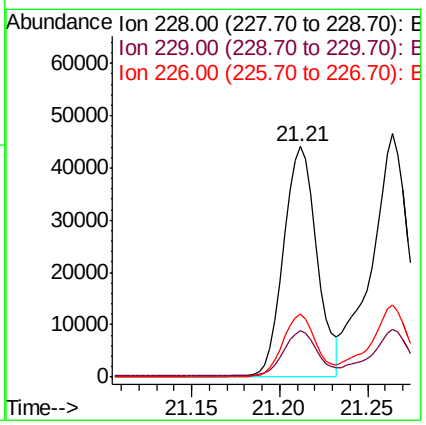


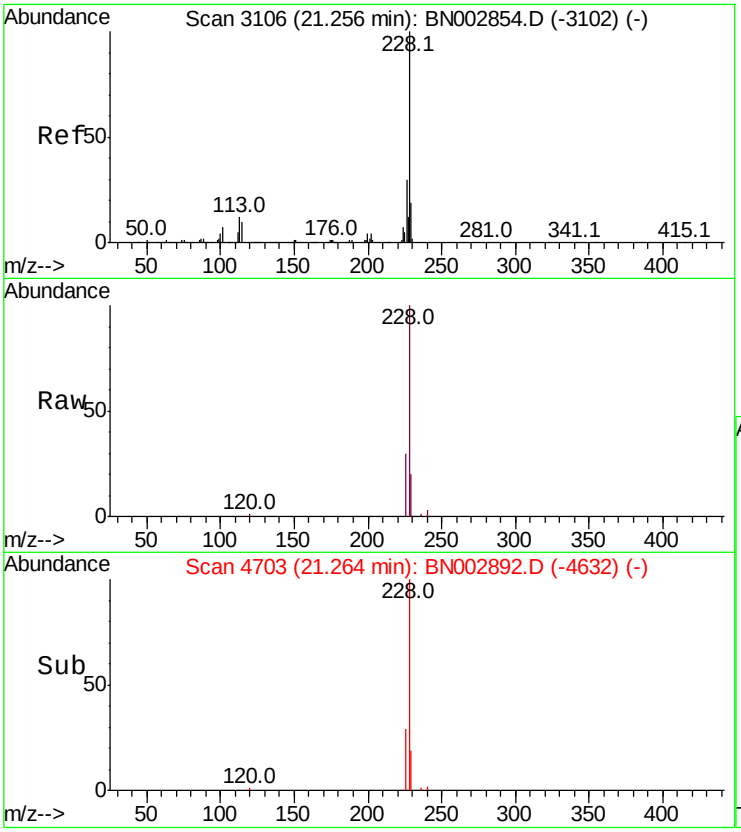


#82
Benzo(a)anthracene
Concen: 2.886 ng/ul
RT: 21.21 min Scan# 4685
Delta R.T. 0.01 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Tgt Ion:228 Resp: 58068

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	27.1	20.9	31.3



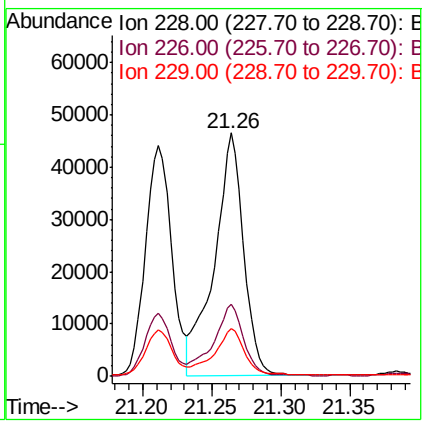


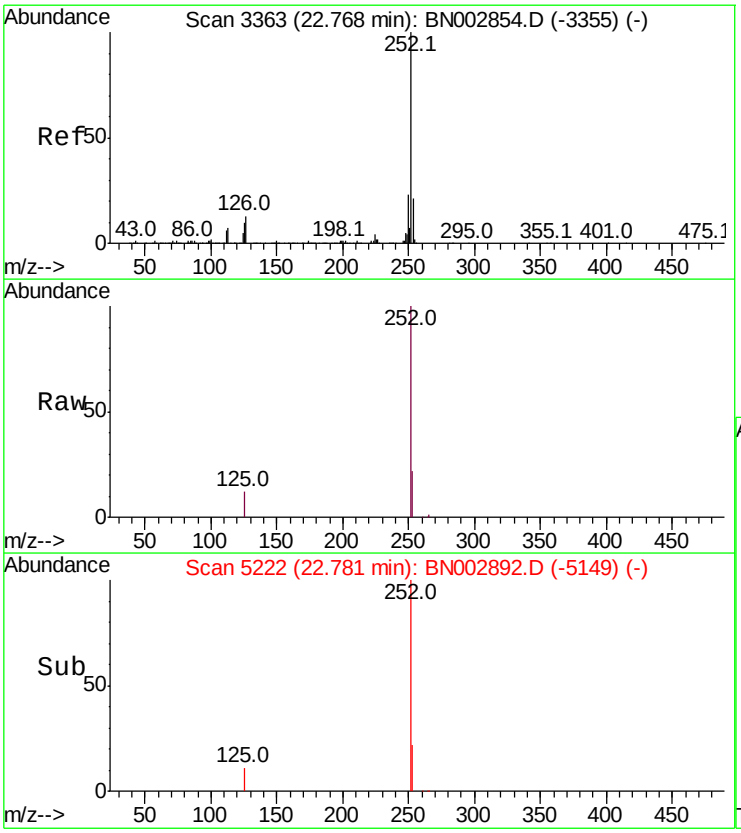
#84
Chrysene
Concen: 3.635 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. 0.01 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Instrument :
BNA_N
ClientSampleId :
C0B50

Tgt Ion:228 Resp: 68558

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	19.6	15.7	23.5

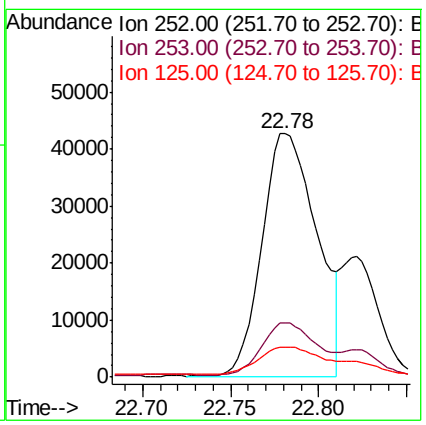


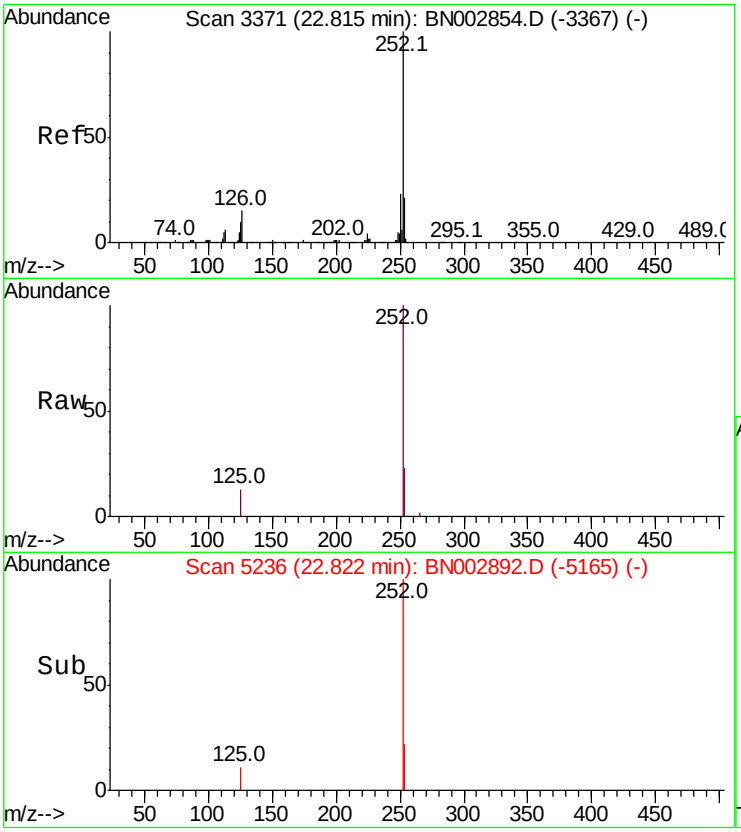


#87
Benzo(b)fluoranthene
Concen: 4.664 ng/ul
RT: 22.78 min Scan# 5222
Delta R.T. 0.01 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Tgt Ion:252 Resp: 92318

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	12.5	8.0	12.0#



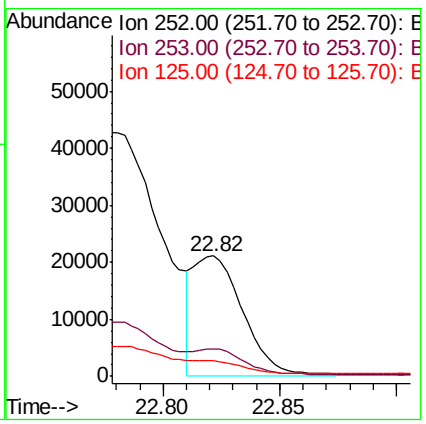


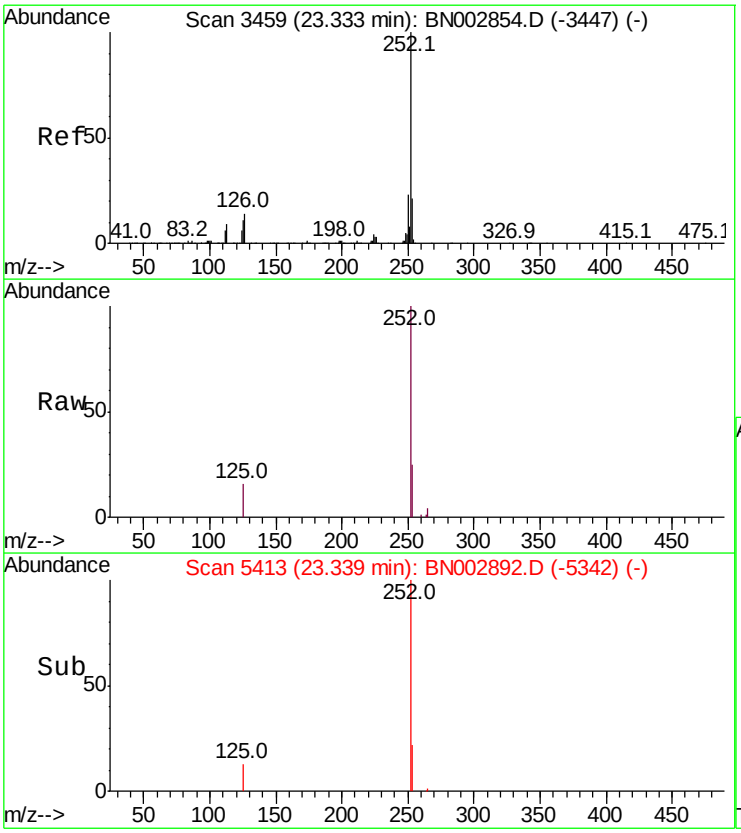
#88
Benzo(k)fluoranthene
Concen: 1.714 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. 0.01 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Instrument :
BNA_N
ClientSampleId :
C0B50

Tgt Ion:252 Resp: 31654

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	13.1	8.3	12.5#

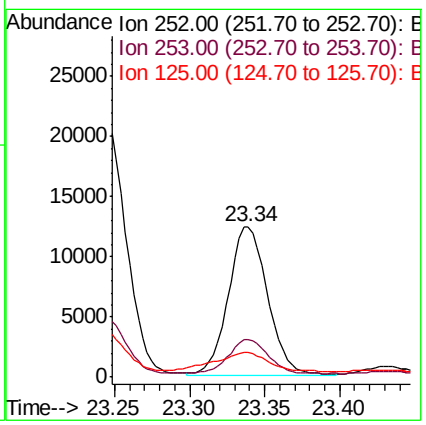


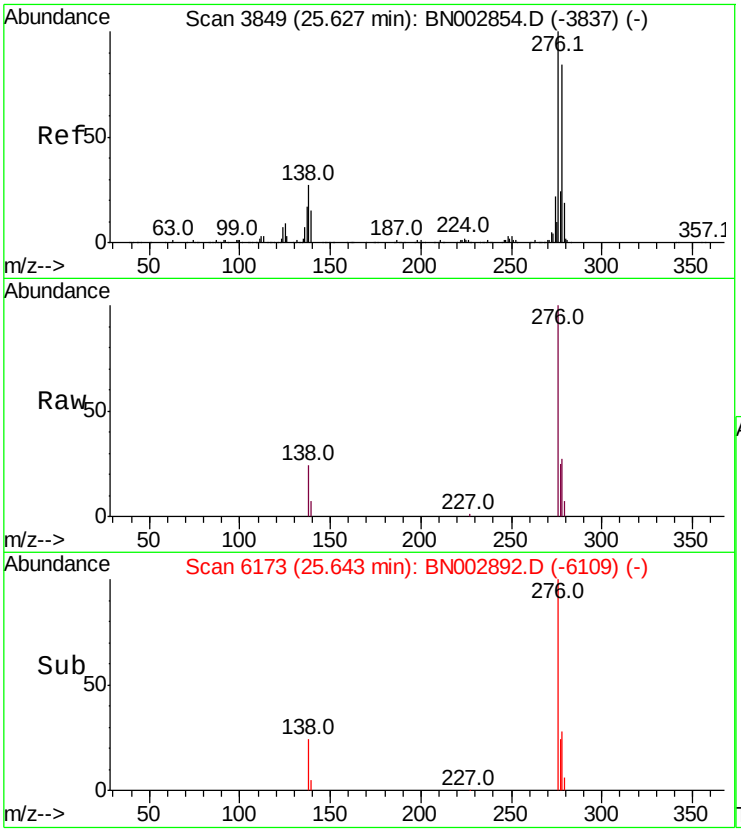


#90
Benzo(a)pyrene
Concen: 1.193 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. 0.01 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Tgt Ion:252 Resp: 22333

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.6	26.4
125	16.1	8.8	13.2#



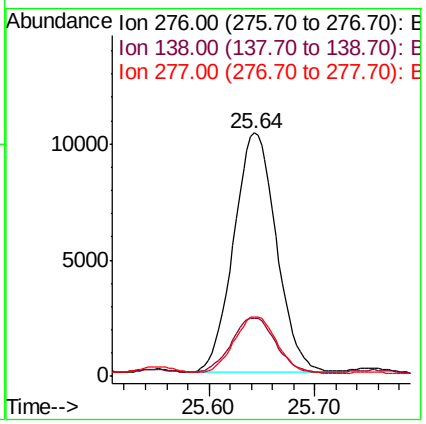


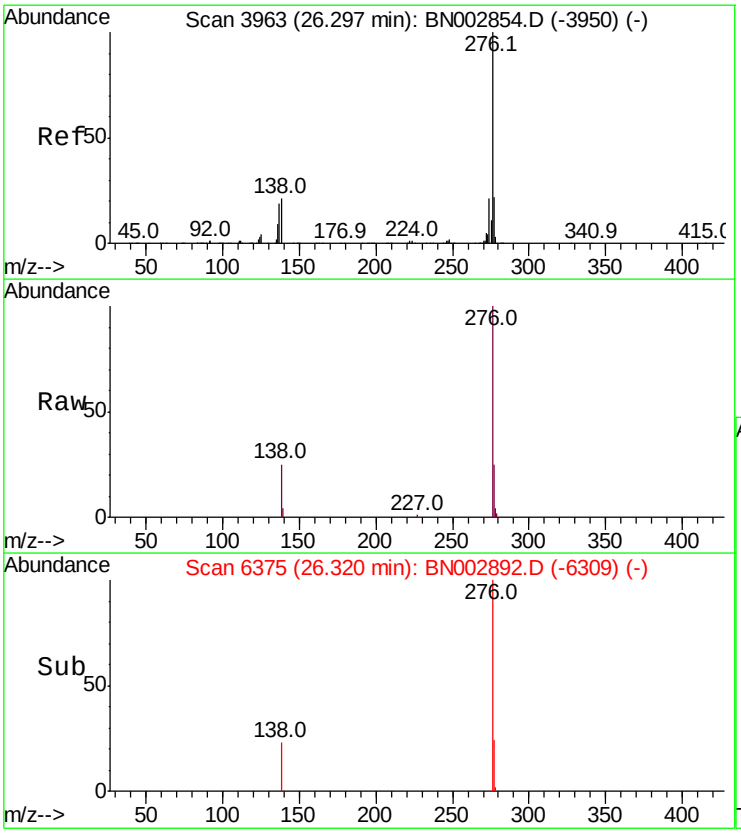
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.299 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. 0.02 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Instrument :
BNA_N
ClientSampleId :
C0B50

Tgt Ion:276 Resp: 28788

Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.2	30.4
277	24.5	20.0	30.0





#93
Benzo(g,h,i)perylene
Concen: 1.072 ng/ul
RT: 26.32 min Scan# 6375
Delta R.T. 0.02 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Tgt Ion:276 Resp: 19846

Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.2	27.2
277	24.6	18.6	28.0