Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006911.D
Acq On : 19 Jul 2019 03:42
Operator : HP/JU
Sample : K3764-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 19 05:29:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3455	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	12530	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.23	164	6419	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.00	188	13804	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	11183	0.40	ng/ul	-0.02
20) Perylene-d12	23.45	264	14867	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1484	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	4316	0.11	ng/ul	-0.01
Target Compounds						Qvalue
12) Phenanthrene	17.04	178	2582	0.058	ng/ul	95
15) Fluoranthene	19.08	202	7039	0.128	ng/ul	99
17) Pyrene	19.43	202	6982	0.137	ng/ul	96
18) Benzo(a)anthracene	21.27	228	3116	0.068	ng/ul	92
19) Chrysene	21.27	228	3238	0.063	ng/ul	94
21) Benzo(b)fluoranthene	22.79	252	6216	0.102	ng/ul	84
22) Benzo(k)fluoranthene	22.79	252	6216	0.097	ng/ul#	83
23) Benzo(a)pyrene	23.34	252	2715	0.045	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	25.70	276	2172	0.036	ng/ul#	87
26) Benzo(g,h,i)perylene	26.37	276	2314	0.046	ng/ul#	86

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

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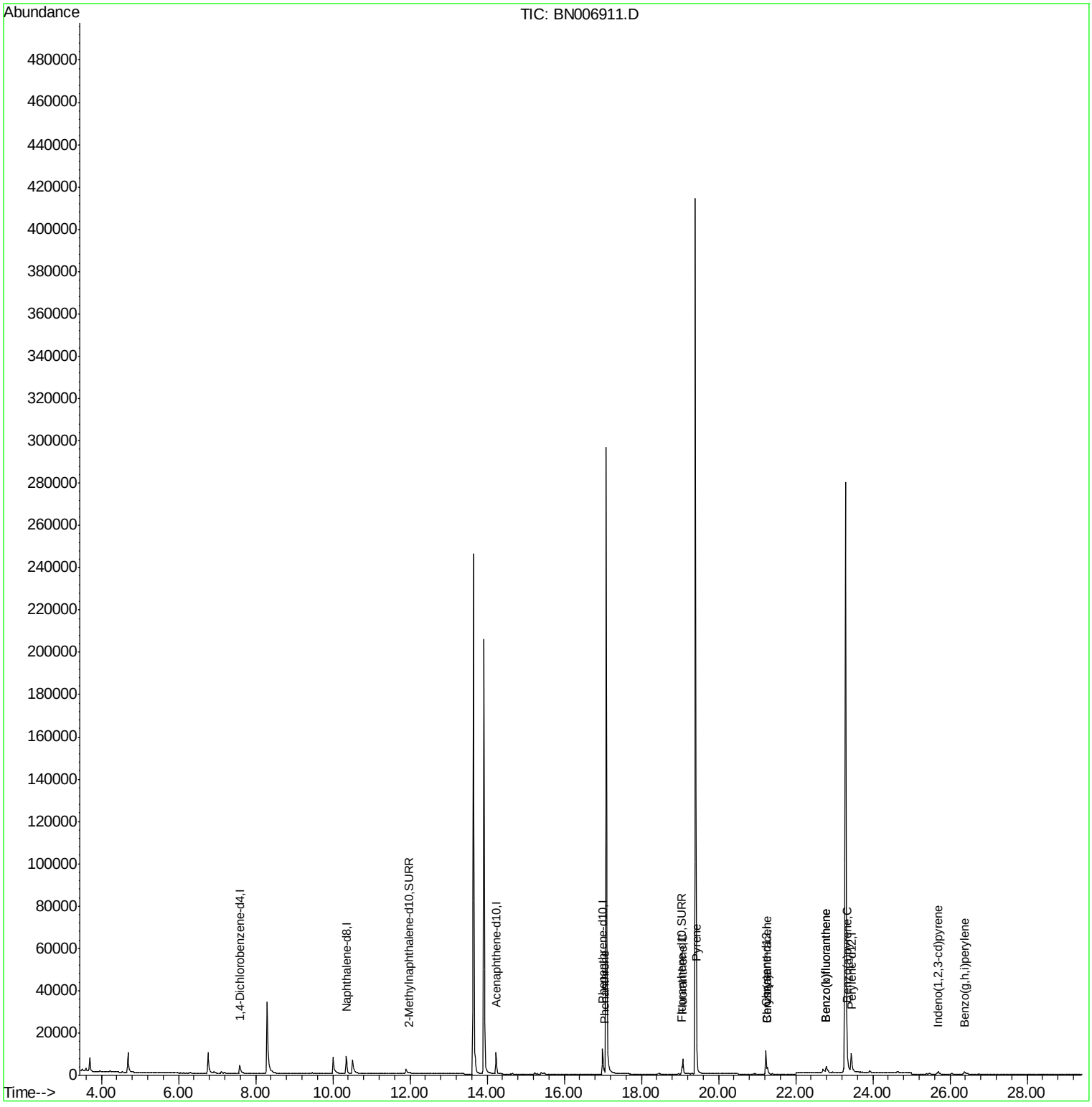
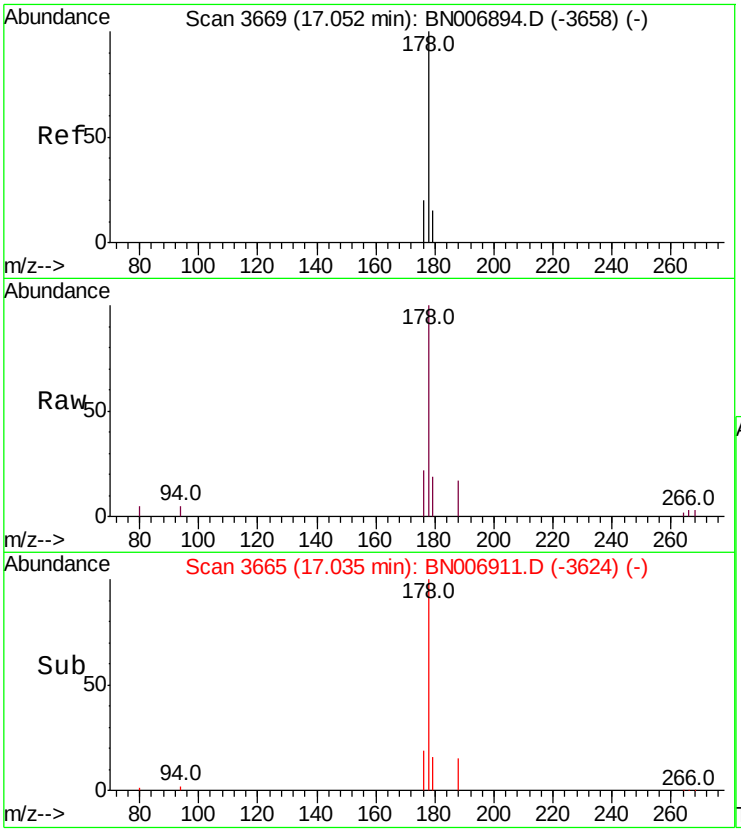


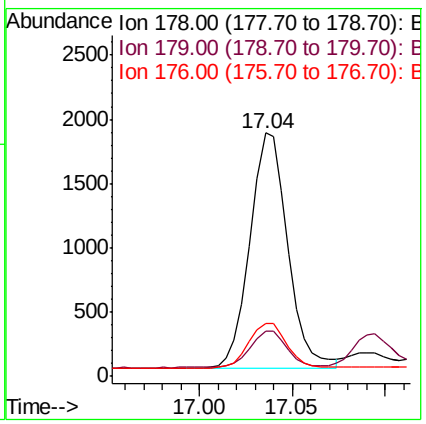


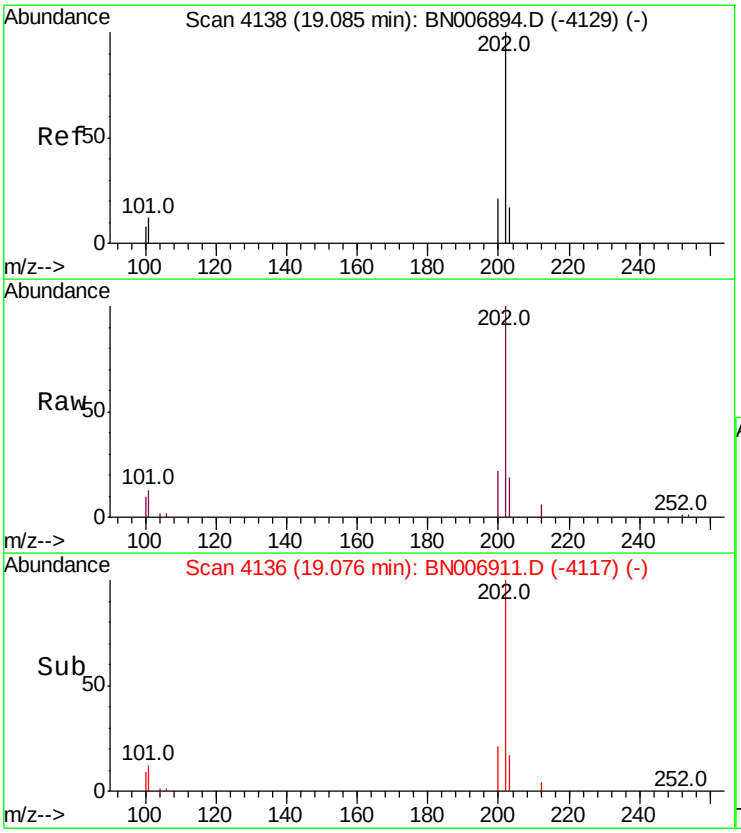
#12
Phenanthrene
Concen: 0.058 ng/ul
RT: 17.04 min Scan# 3665
Delta R.T. -0.03 min
Lab File: BN006911.D
Acq: 19 Jul 2019 03:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2582

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.6	19.0
176	21.8	15.8	23.8

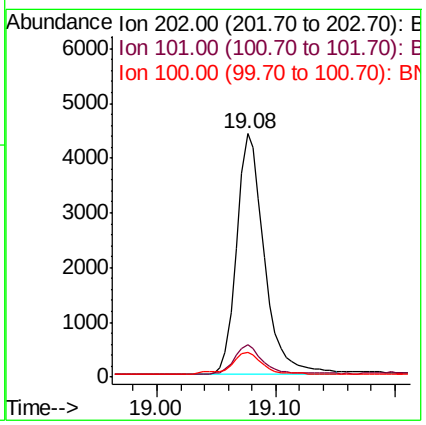


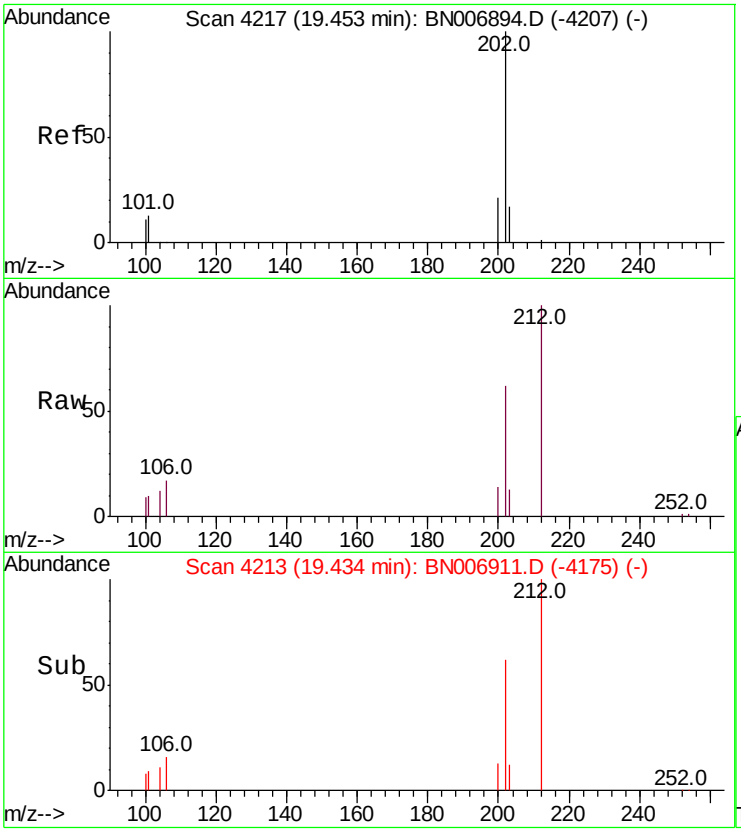


#15
Fluoranthene
Concen: 0.128 ng/ul
RT: 19.08 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN006911.D
Acq: 19 Jul 2019 03:42

Tgt Ion:202 Resp: 7039

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
100	10.3	0.0	29.9



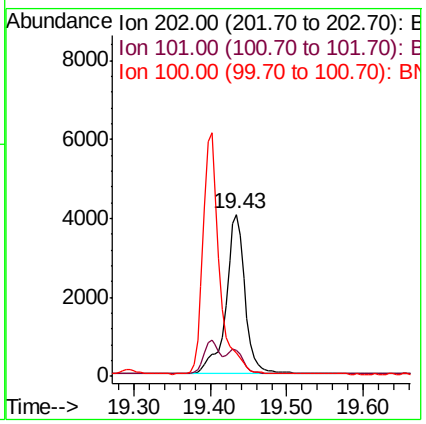


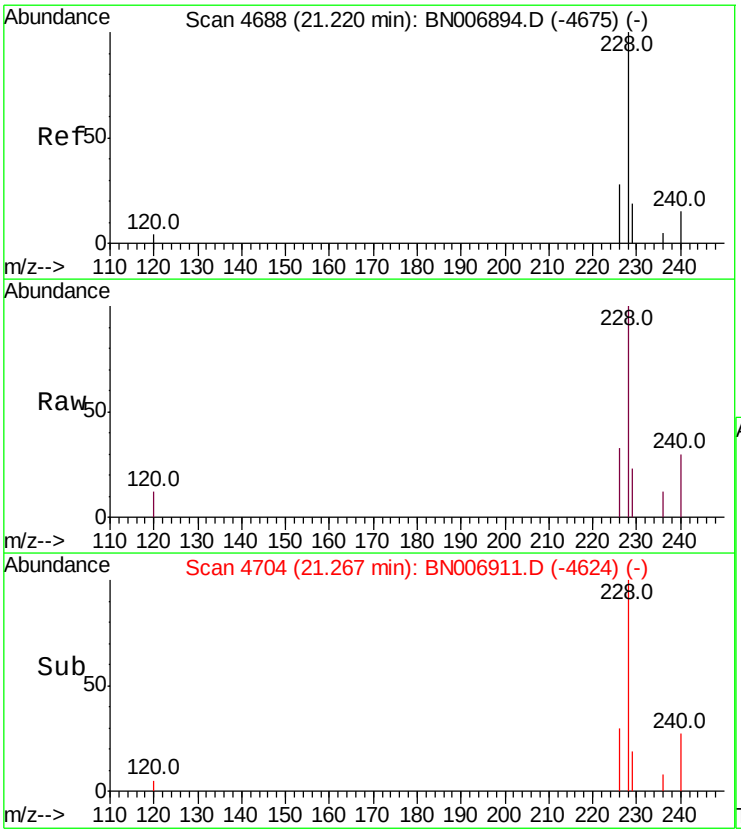
#17
Pyrene
Concen: 0.137 ng/ul
RT: 19.43 min Scan# 4213
Delta R.T. -0.02 min
Lab File: BN006911.D
Acq: 19 Jul 2019 03:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 6982

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.2	18.2
100	14.5	9.8	14.8

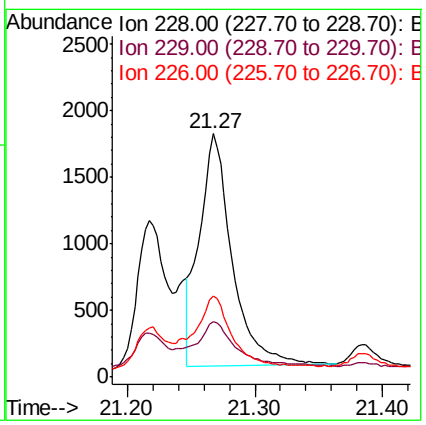


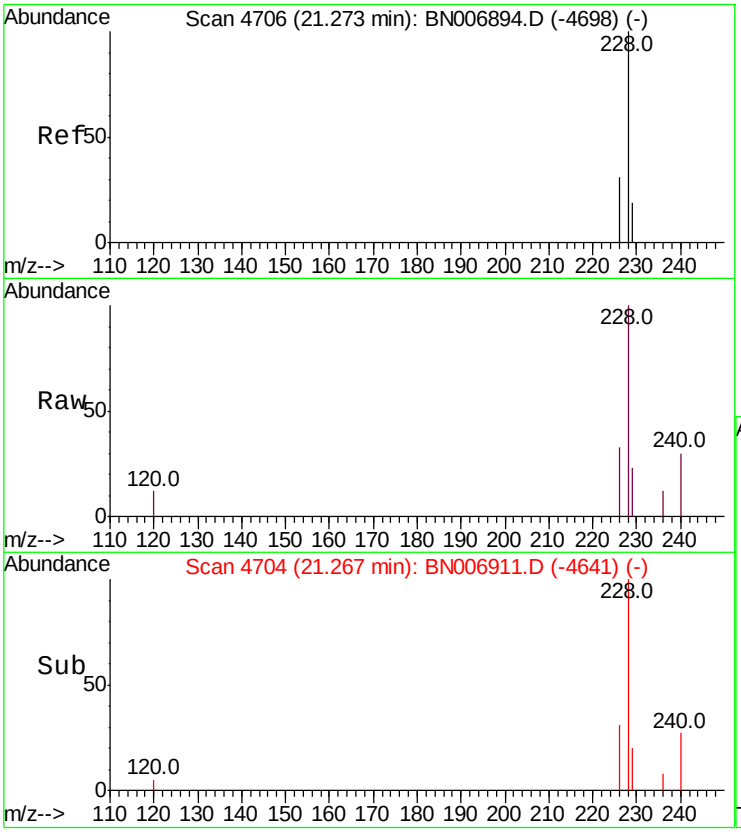


#18
Benzo(a)anthracene
Concen: 0.068 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. 0.03 min
Lab File: BN006911.D
Acq: 19 Jul 2019 03:42

Tgt Ion:228 Resp: 3116

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.9	23.9
226	33.1	22.6	34.0



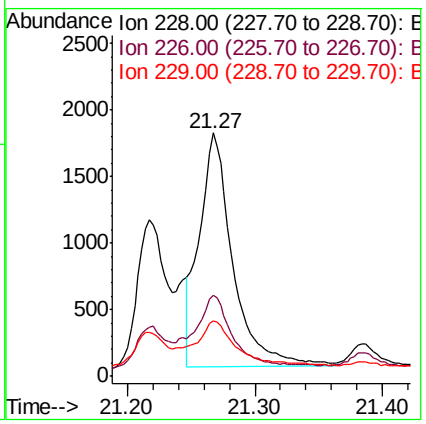


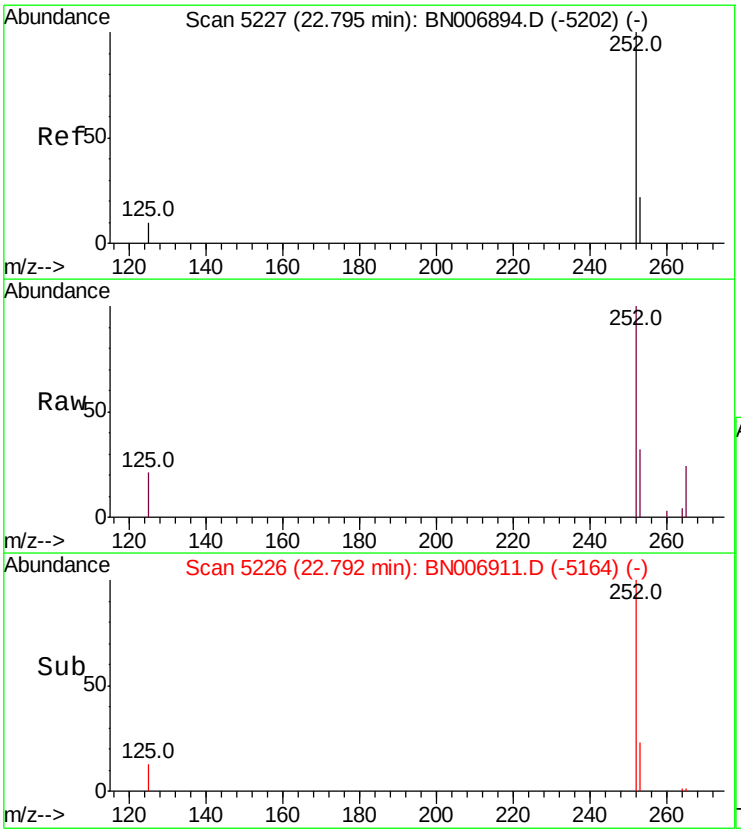
#19
Chrysene
Concen: 0.063 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. -0.02 min
Lab File: BN006911.D
Acq: 19 Jul 2019 03:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 3238

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.2	36.4
229	22.8	15.5	23.3

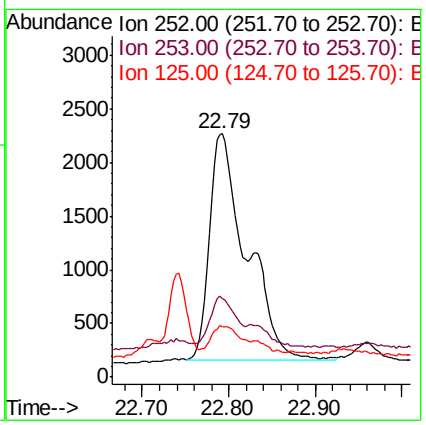


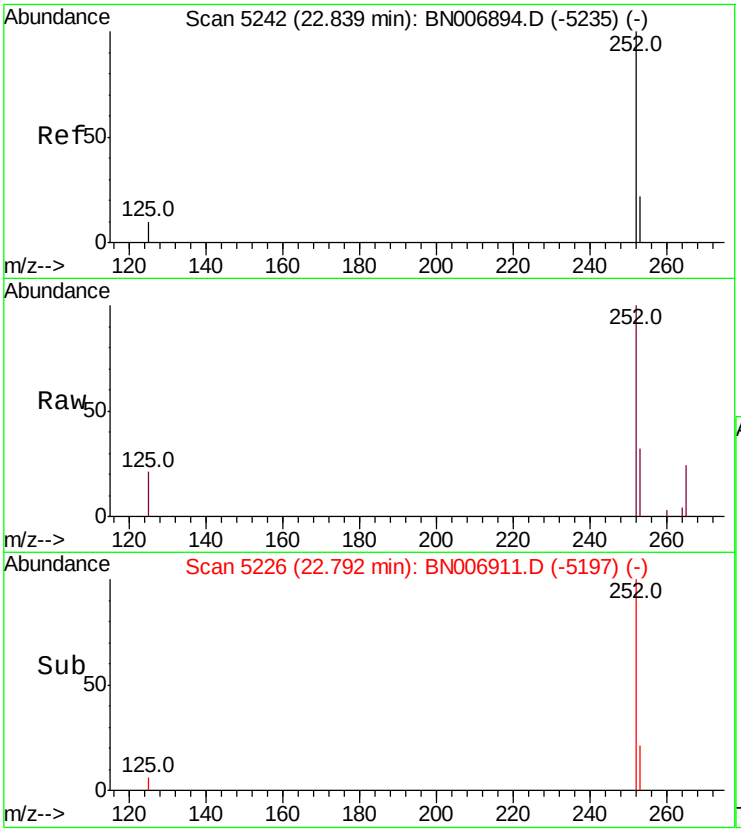


#21
Benzo(b)fluoranthene
Concen: 0.102 ng/ul
RT: 22.79 min Scan# 5226
Delta R.T. -0.02 min
Lab File: BN006911.D
Acq: 19 Jul 2019 03:42

Tgt Ion:252 Resp: 6216

Ion	Ratio	Lower	Upper
252	100		
253	32.3	0.0	47.8
125	20.8	0.0	29.2



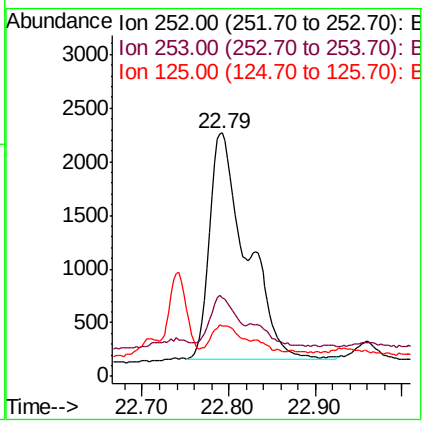


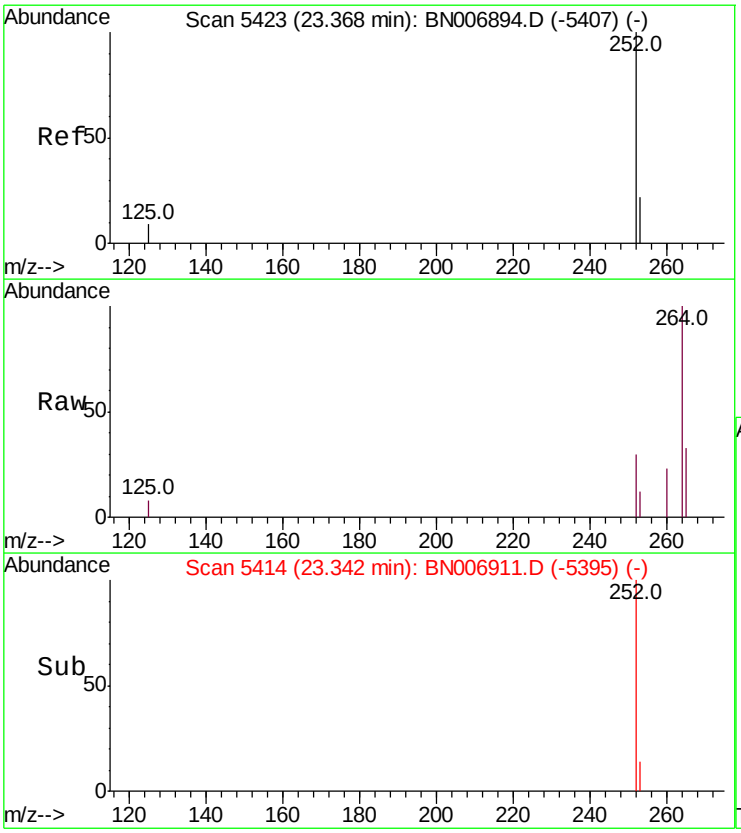
#22
Benzo(k)fluoranthene
Concen: 0.097 ng/ul
RT: 22.79 min Scan# 5226
Delta R.T. -0.07 min
Lab File: BN006911.D
Acq: 19 Jul 2019 03:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6216

Ion	Ratio	Lower	Upper
252	100		
253	32.3	19.2	28.8#
125	20.8	11.0	16.6#

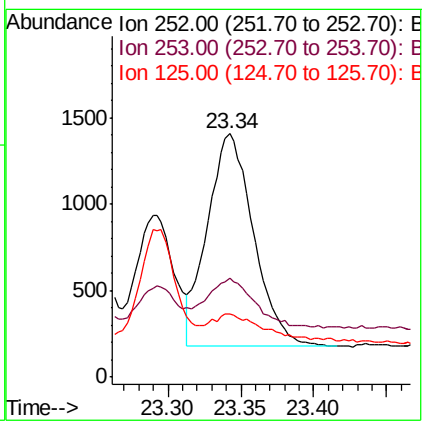


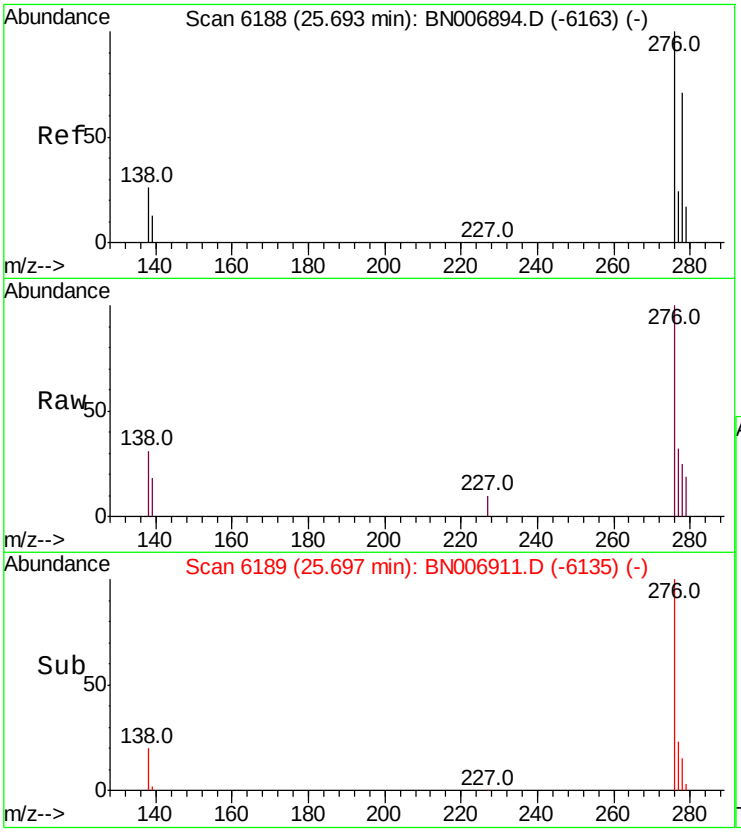


#23
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.04 min
Lab File: BN006911.D
Acq: 19 Jul 2019 03:42

Tgt Ion:252 Resp: 2715

Ion	Ratio	Lower	Upper
252	100		
253	40.7	19.4	29.2#
125	25.9	12.6	19.0#



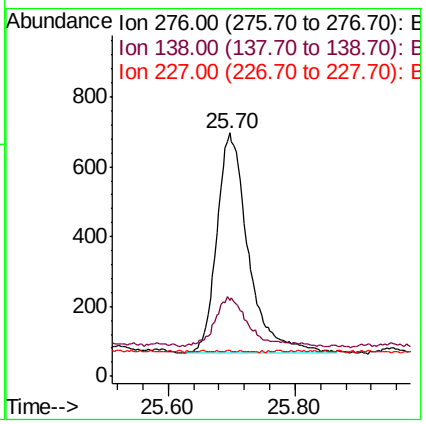


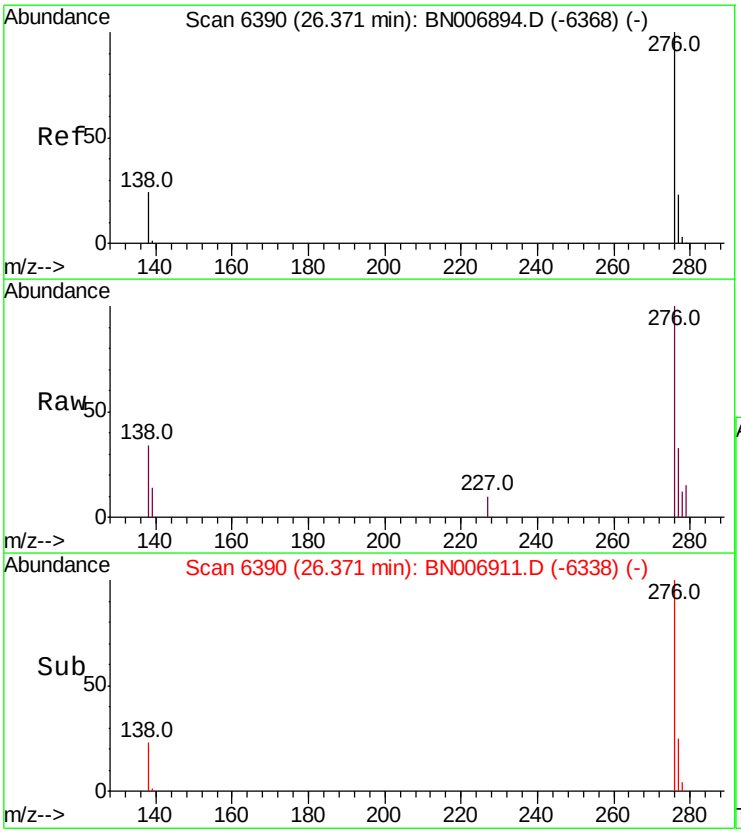
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 25.70 min Scan# 6189
Delta R.T. -0.02 min
Lab File: BN006911.D
Acq: 19 Jul 2019 03:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 2172

Ion	Ratio	Lower	Upper
276	100		
138	23.1	24.3	36.5#
227	0.1	0.2	0.4#





#26
Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 26.37 min Scan# 6390
Delta R.T. -0.03 min
Lab File: BN006911.D
Acq: 19 Jul 2019 03:42

Tgt Ion:276 Resp: 2314

Ion	Ratio	Lower	Upper
276	100		
138	33.7	22.2	33.2#
277	33.0	19.5	29.3#