Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121919\

Quantitation Report (Not Reviewed)

Data File : BN009080.D
Acq On : 20 Dec 2019 22:49
Operator : JU
Sample : K6171-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BZ9DL

Quant Time: Dec 20 23:33:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 23:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3941	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	14869	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	7924	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	15395	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	8539	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	7850	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	725	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	1428	0.03	ng/ul	0.00
Target Compounds						Qvalue
9) Fluorene	15.22	166	827	0.021	ng/ul#	95
12) Phenanthrene	16.95	178	22886	0.427	ng/ul	100
13) Anthracene	17.04	178	2898	0.060	ng/ul	95
15) Fluoranthene	18.98	202	57607	0.941	ng/ul	99
17) Pyrene	19.34	202	46638	1.071	ng/ul	99
18) Benzo(a)anthracene	21.10	228	15929	0.420	ng/ul	98
19) Chrysene	21.15	228	19661	0.516	ng/ul	98
21) Benzo(b)fluoranthene	22.62	252	32933	0.898	ng/ul	98
22) Benzo(k)fluoranthene	22.62	252	32933	0.891	ng/ul	98
23) Benzo(a)pyrene	23.16	252	14878	0.463	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.35	276	11691	0.334	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.36	278	2480	0.089	ng/ul#	73
26) Benzo(g,h,i)perylene	25.98	276	11898	0.404	ng/ul	97

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

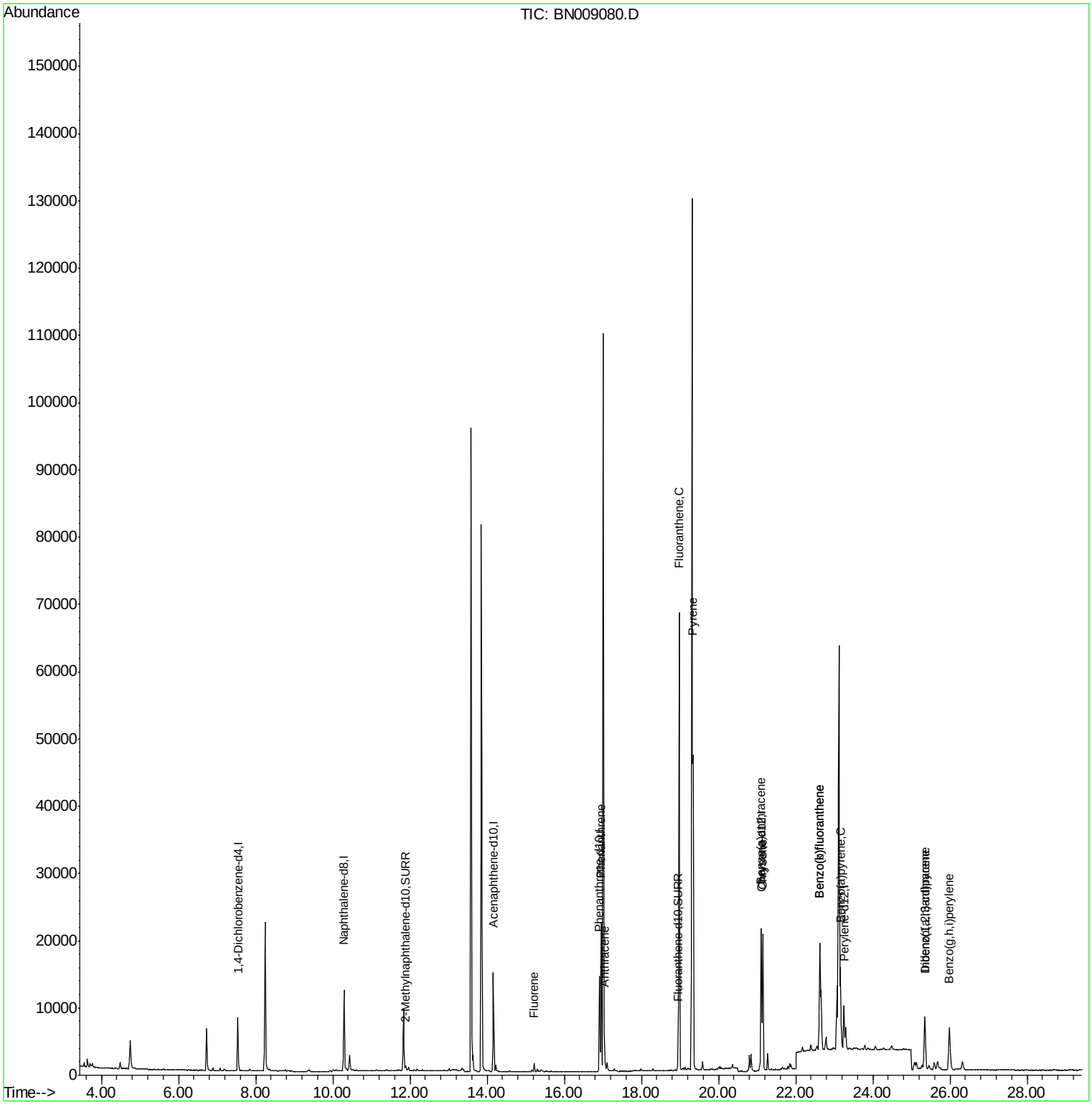
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121919\

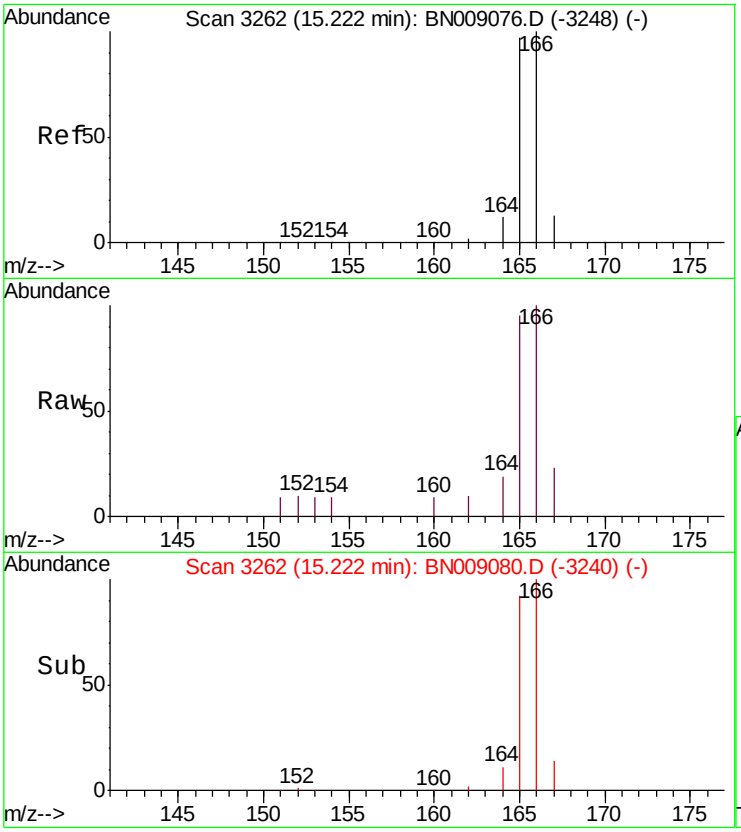
Quantitation Report (Not Reviewed)

Data File : BN009080.D
Acq On : 20 Dec 2019 22:49
Operator : JU
Sample : K6171-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Quant Time: Dec 20 23:33:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 23:31:06 2019
Response via : Initial Calibration



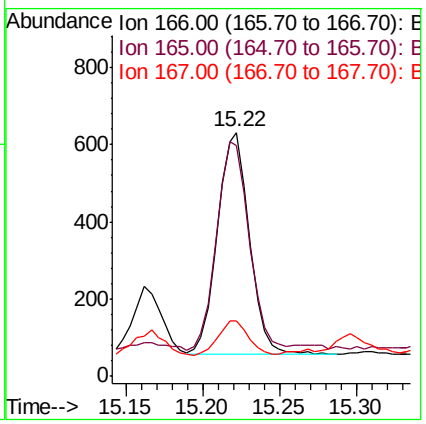


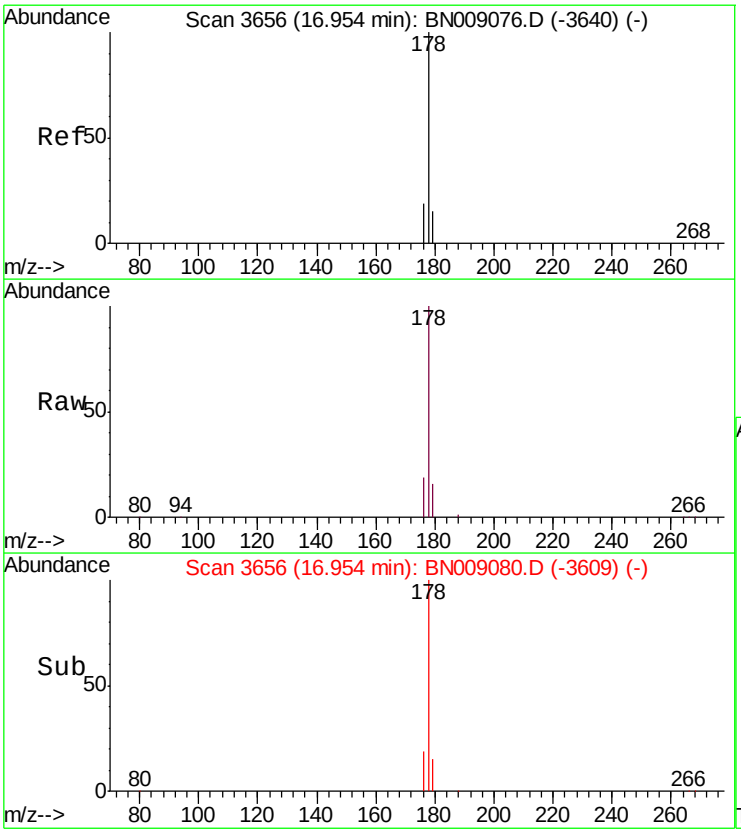
#9
Fluorene
Concen: 0.021 ng/ul
RT: 15.22 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Tgt Ion:166 Resp: 827

Ion	Ratio	Lower	Upper
166	100		
165	94.9	78.2	117.4
167	22.5	11.0	16.6#

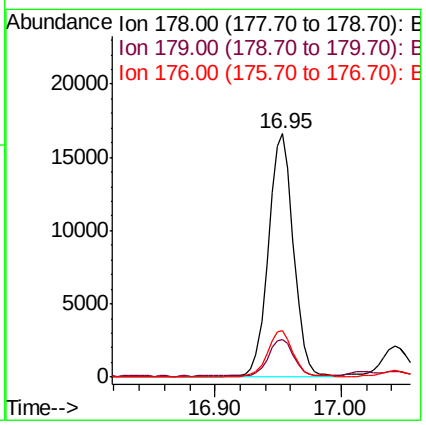


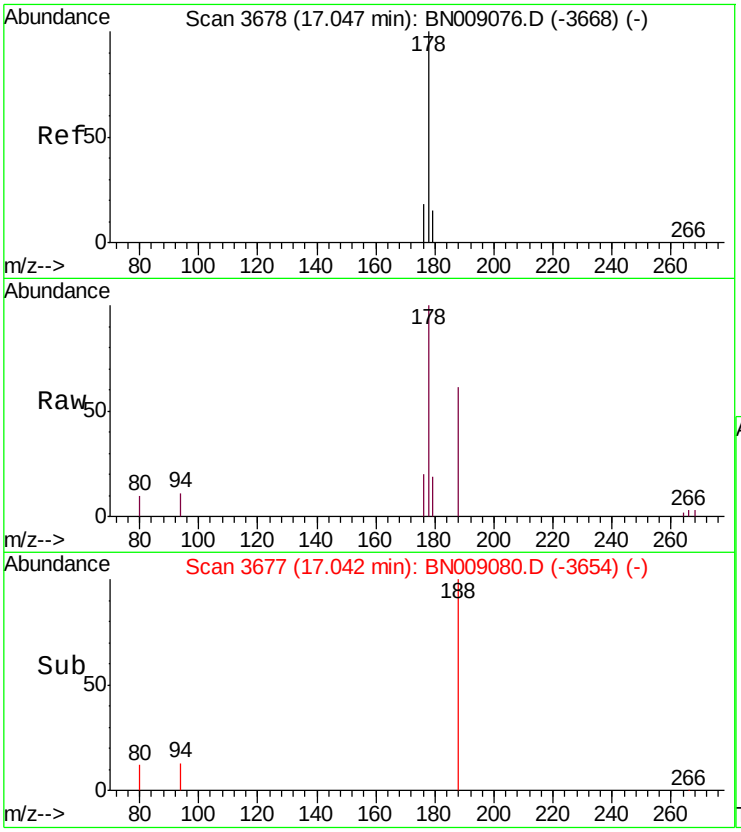


#12
Phenanthrene
Concen: 0.427 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. 0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Tgt Ion:178 Resp: 22886

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.0	15.1	22.7



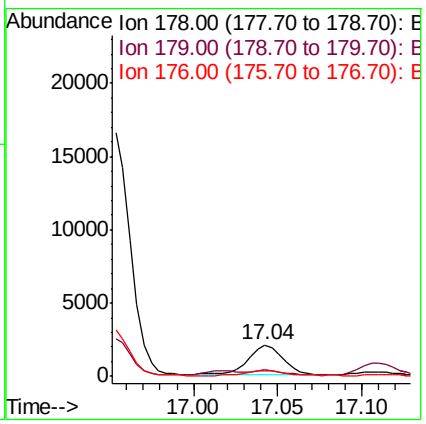


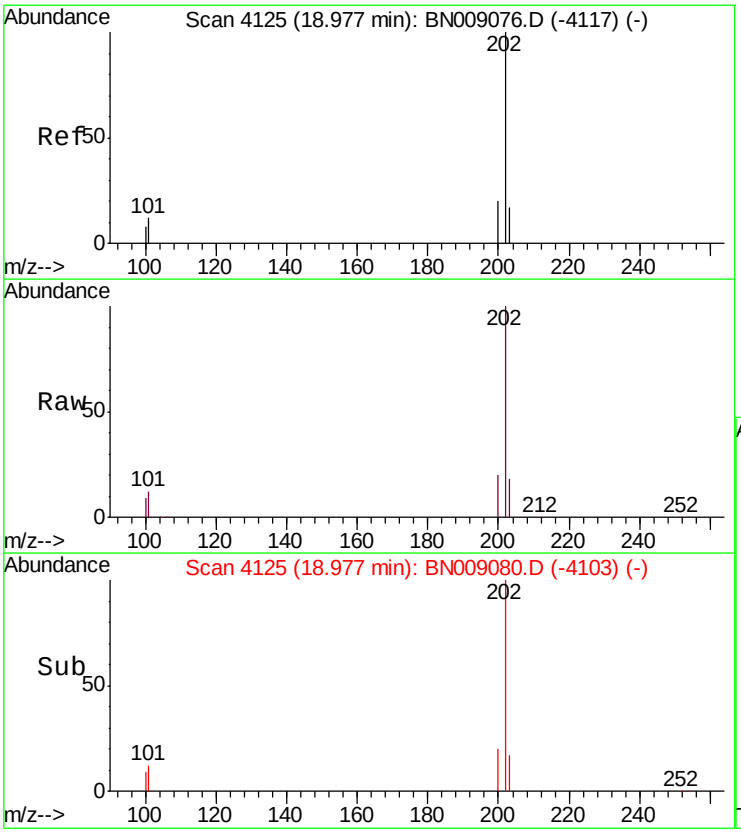
#13
Anthracene
Concen: 0.060 ng/ul
RT: 17.04 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Tgt Ion:178 Resp: 2898

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.5	18.7
176	20.4	14.9	22.3

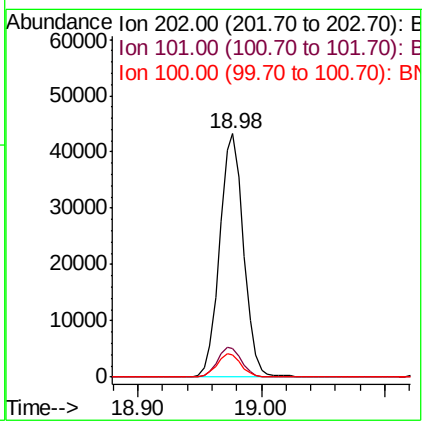


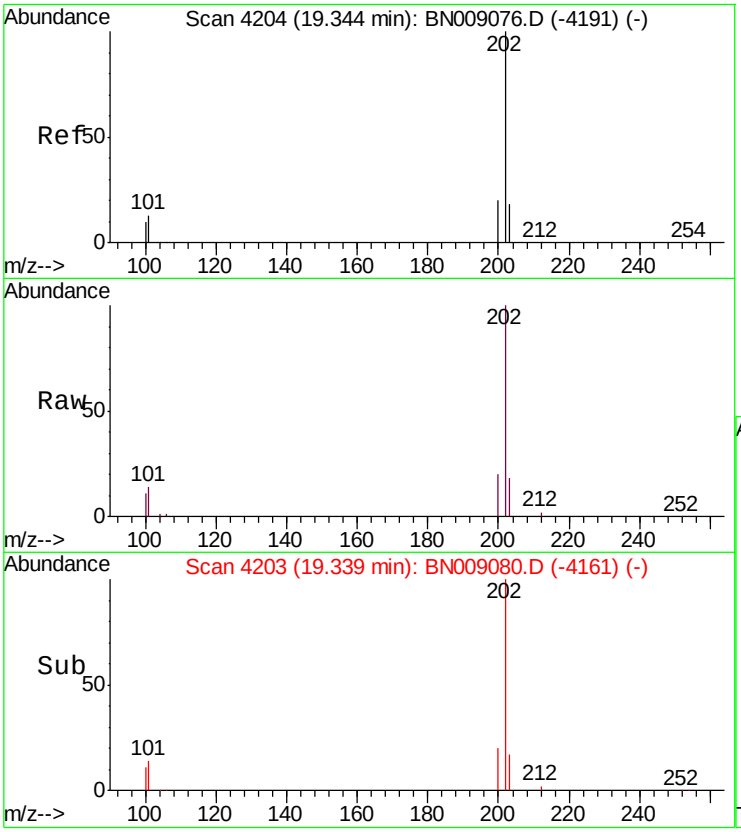


#15
Fluoranthene
Concen: 0.941 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. 0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Tgt Ion:202 Resp: 57607

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.5
100	8.9	0.0	28.9



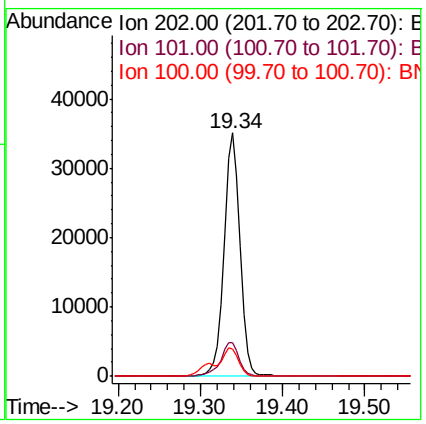


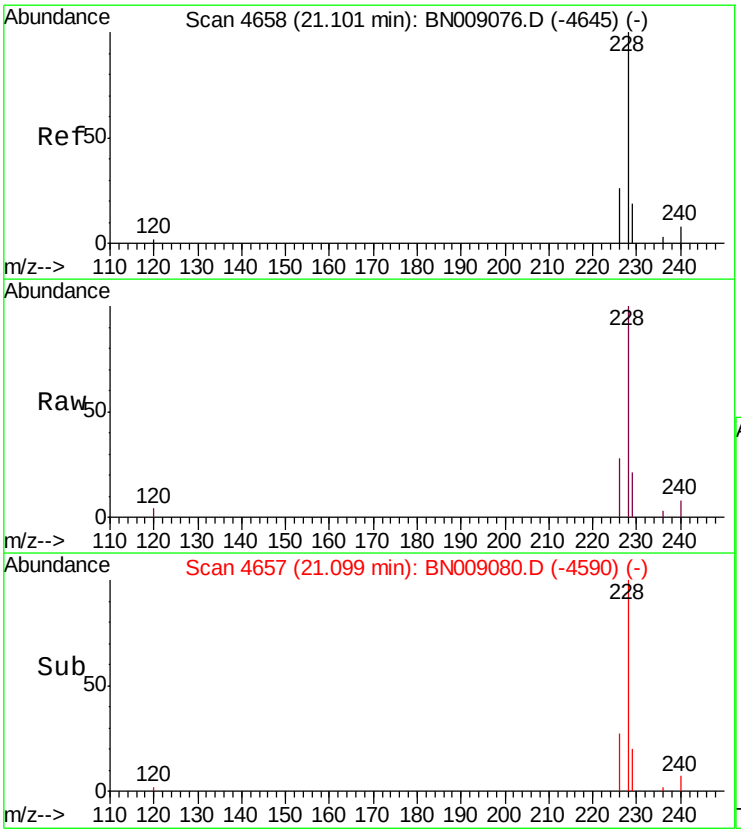
#17
Pyrene
Concen: 1.071 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Tgt Ion:202 Resp: 46638

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.9	16.3
100	11.4	9.0	13.6

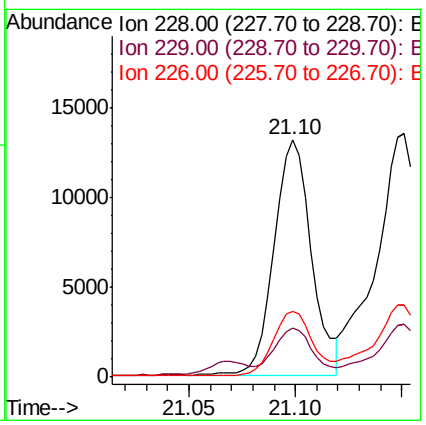


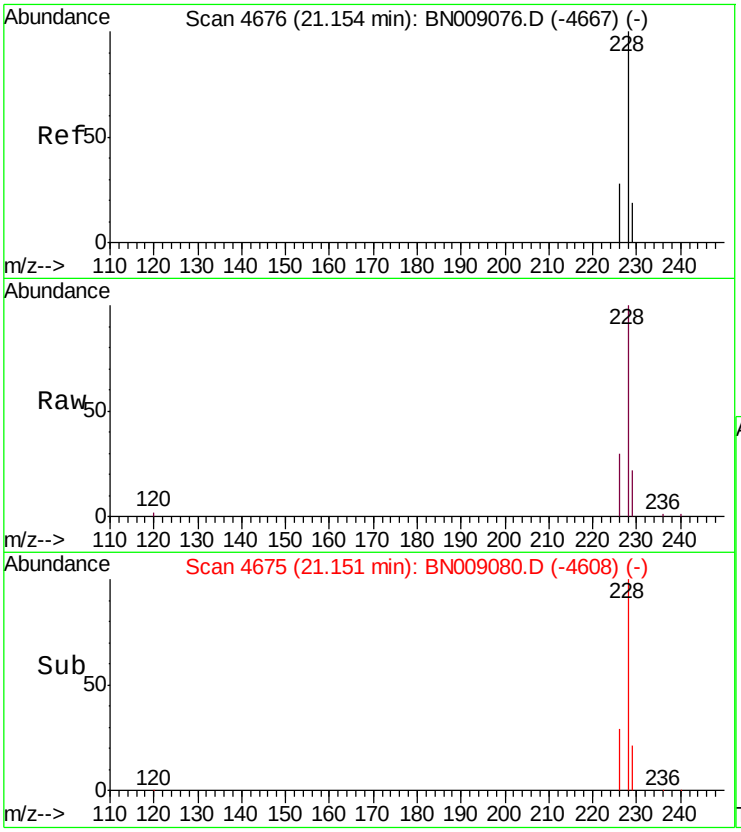


#18
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.10 min Scan# 4657
Delta R.T. -0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Tgt Ion:228 Resp: 15929

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	27.9	21.7	32.5



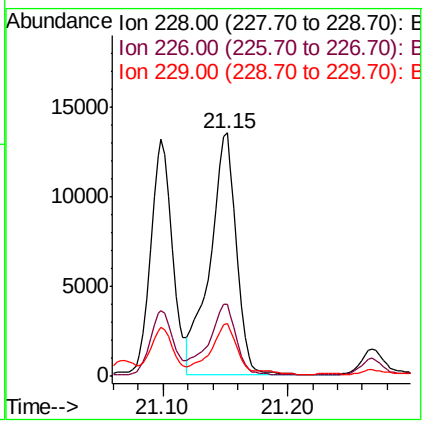


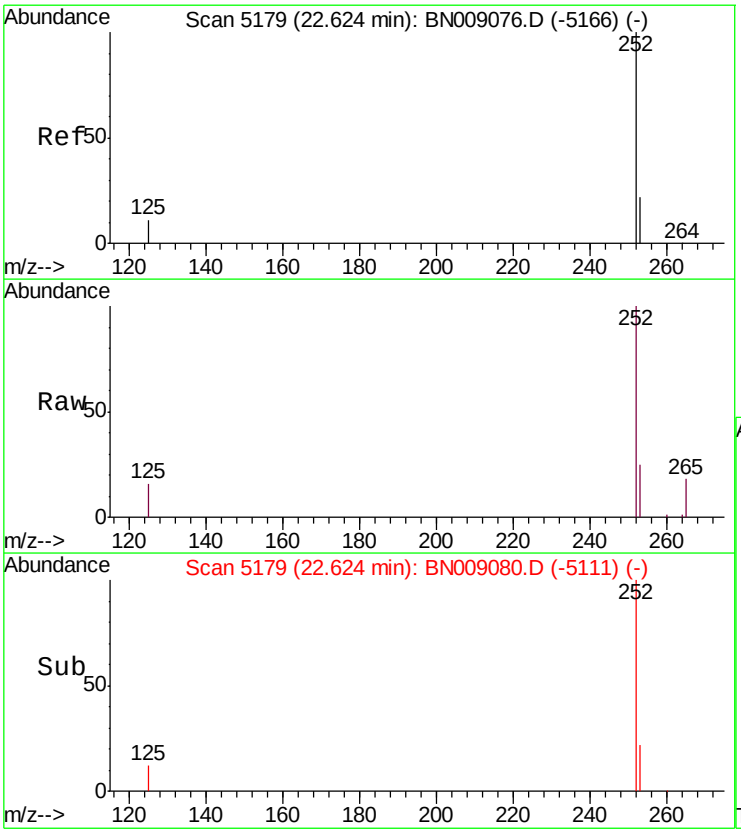
#19
Chrysene
Concen: 0.516 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Tgt Ion:228 Resp: 19661

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	21.8	15.4	23.0

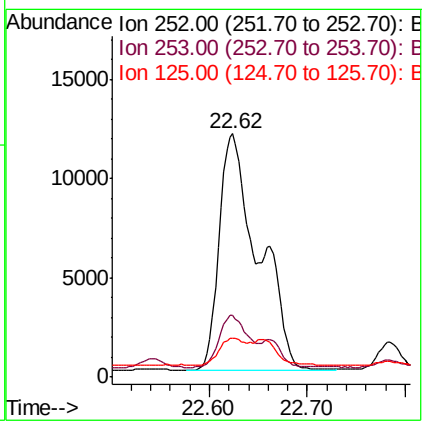


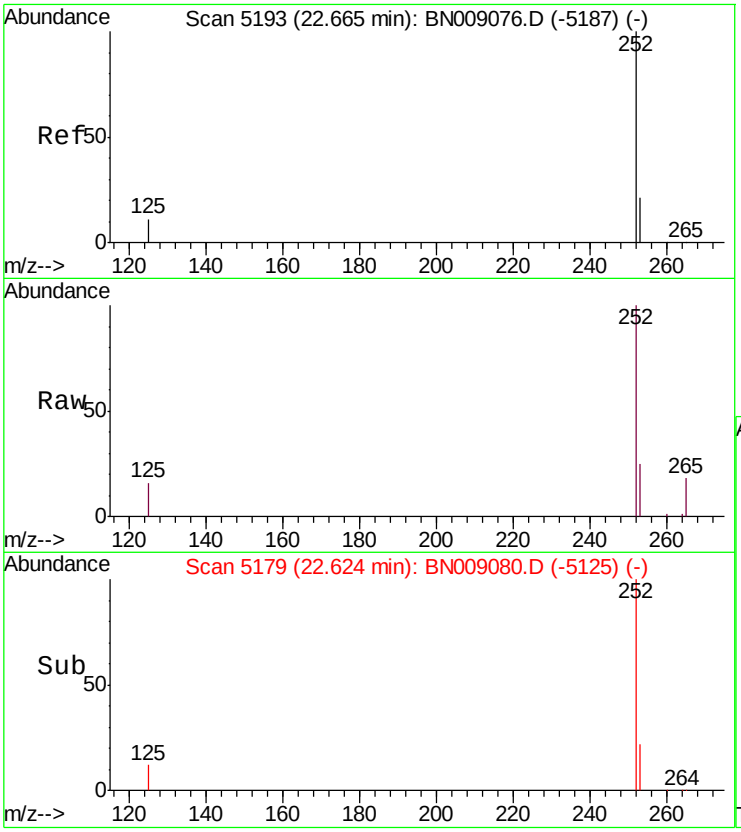


#21
Benzo(b)fluoranthene
Concen: 0.898 ng/ul
RT: 22.62 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Tgt Ion:252 Resp: 32933

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	48.2
125	16.0	0.0	30.0



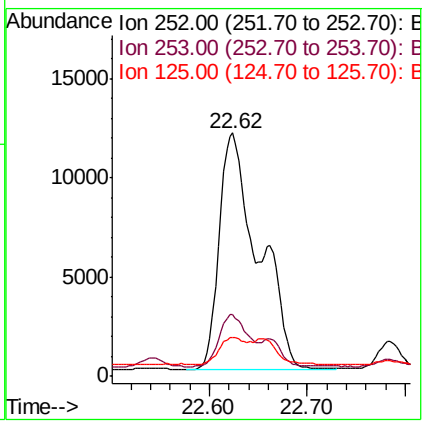


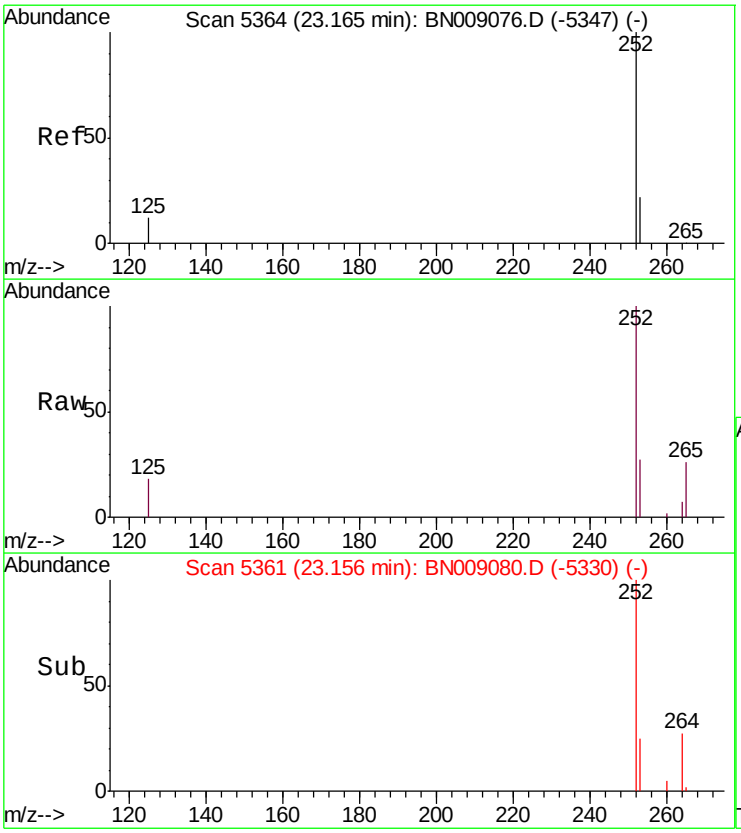
#22
Benzo(k)fluoranthene
Concen: 0.891 ng/ul
RT: 22.62 min Scan# 5179
Delta R.T. -0.04 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Tgt Ion:252 Resp: 32933

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.4	29.0
125	16.0	12.4	18.6

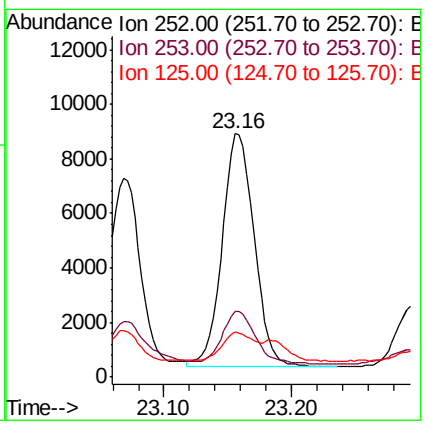


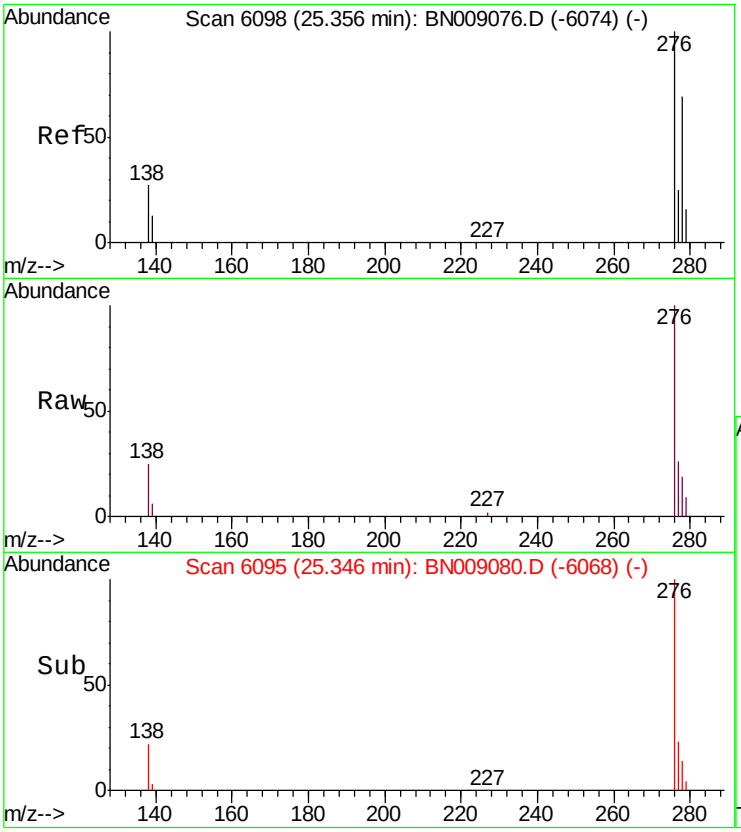


#23
Benzo(a)pyrene
Concen: 0.463 ng/ul
RT: 23.16 min Scan# 5361
Delta R.T. -0.01 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Tgt Ion:252 Resp: 14878

Ion	Ratio	Lower	Upper
252	100		
253	27.2	20.2	30.4
125	18.4	13.2	19.8



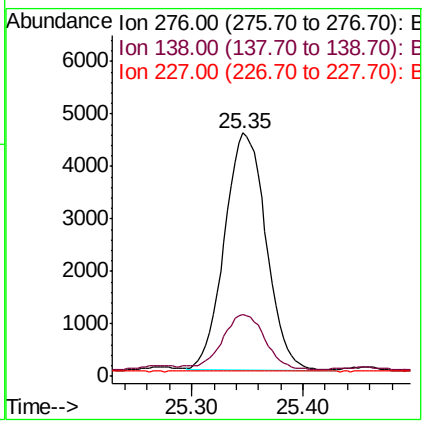


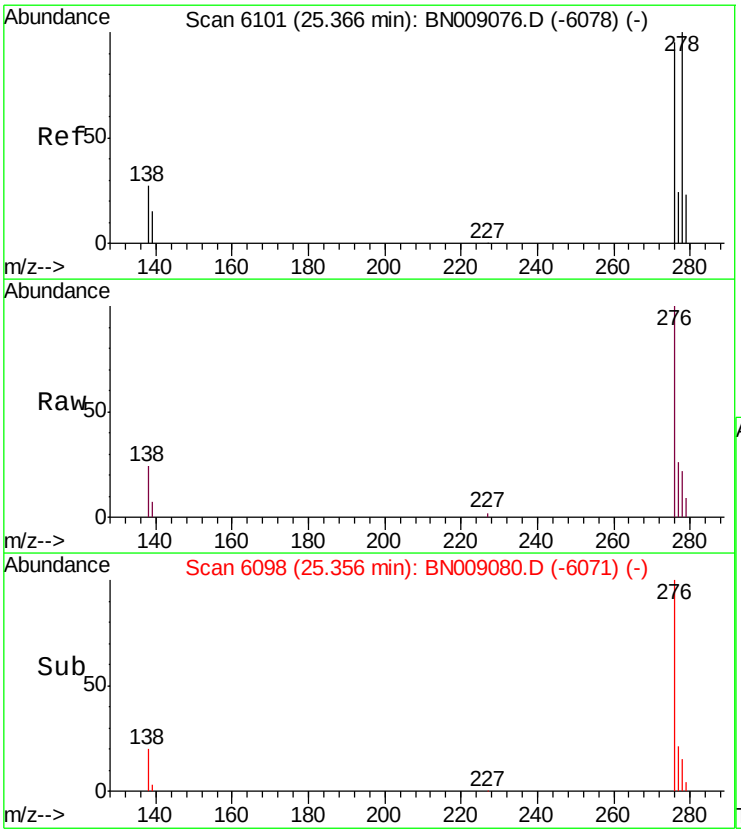
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 25.35 min Scan# 6095
Delta R.T. -0.01 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Tgt Ion:276 Resp: 11691

Ion	Ratio	Lower	Upper
276	100		
138	23.7	22.4	33.6
227	0.2	0.2	0.4#

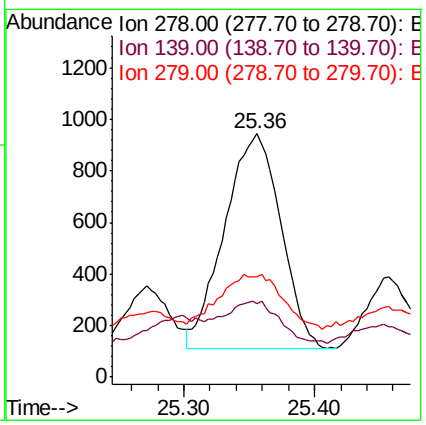


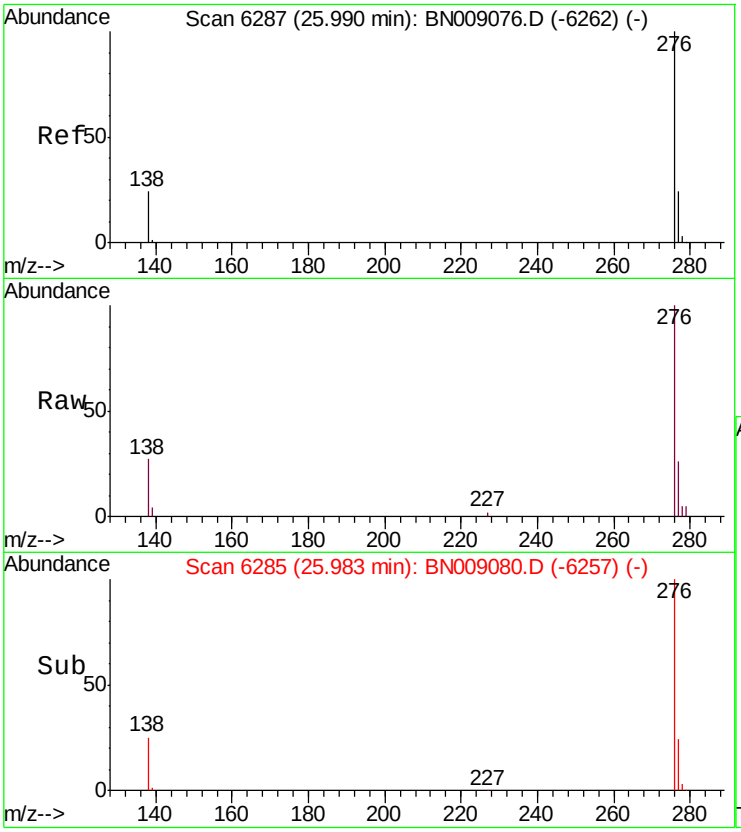


#25
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.01 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Tgt Ion:278 Resp: 2480

Ion	Ratio	Lower	Upper
278	100		
139	30.4	16.2	24.2#
279	41.4	20.3	30.5#





#26
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 25.98 min Scan# 6285
Delta R.T. -0.01 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Tgt Ion:276 Resp: 11898

Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.6	30.8
277	26.0	19.6	29.4