Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

Quantitation Report (Not Reviewed)

Data File : BN003986.D
Acq On : 16 Dec 2018 08:16
Operator : JU/SJ
Sample : J6171-01DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9Y05DL

Quant Time: Dec 17 00:17:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3084	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	14082	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	7715	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	18448	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18693	0.40	ng/ul	0.01
20) Perylene-d12	23.73	264	16346	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	932	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	2375	0.04	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.26	178	3024	0.050	ng/ul#	78
15) Fluoranthene	19.28	202	3189	0.045	ng/ul	82
17) Pyrene	19.64	202	4807	0.072	ng/ul#	86
18) Benzo(a)anthracene	21.39	228	1899	0.032	ng/ul#	1
19) Chrysene	21.42	228	8785	0.130	ng/ul#	22
21) Benzo(b)fluoranthene	23.03	252	7801	0.115	ng/ul#	1
22) Benzo(k)fluoranthene	23.03	252	7801	0.118	ng/ul#	1
23) Benzo(a)pyrene	23.63	252	2084	0.036	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.10	276	4698	0.070	ng/ul#	90
26) Benzo(g,h,i)perylene	26.83	276	15318	0.262	ng/ul#	56

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

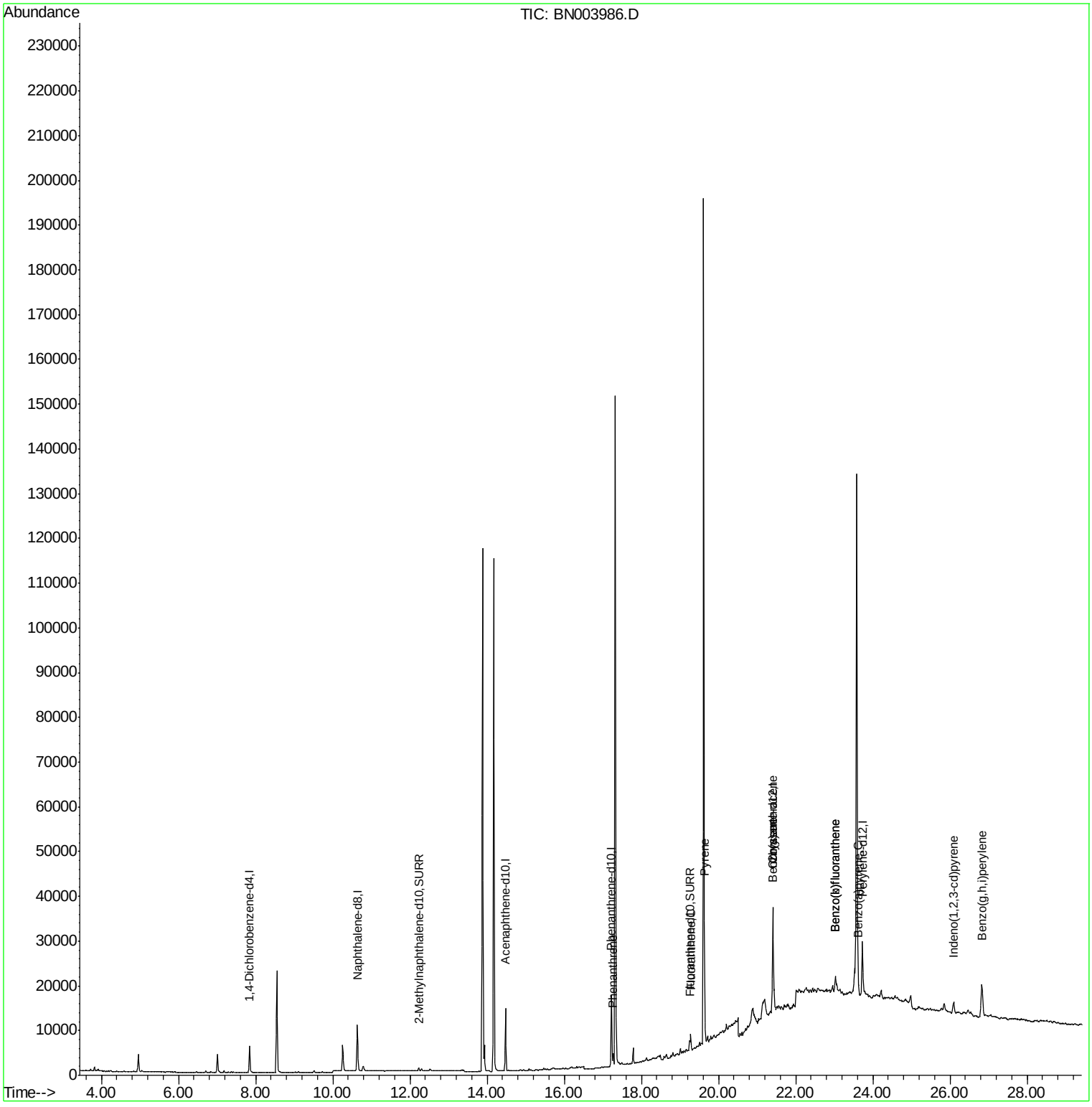
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

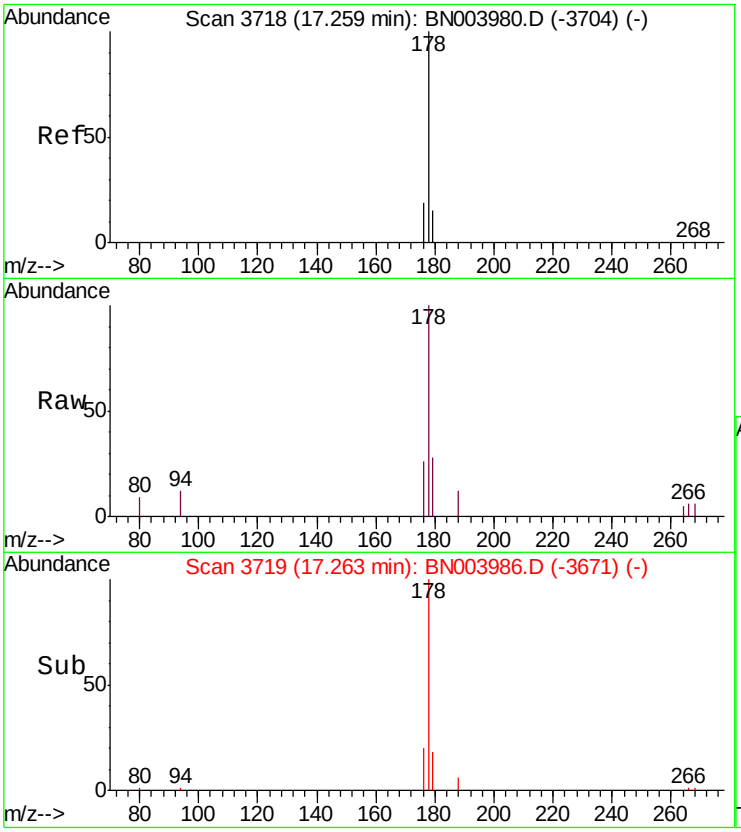
Quantitation Report (Not Reviewed)

Data File : BN003986.D
Acq On : 16 Dec 2018 08:16
Operator : JU/SJ
Sample : J6171-01DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9Y05DL

Quant Time: Dec 17 00:17:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration



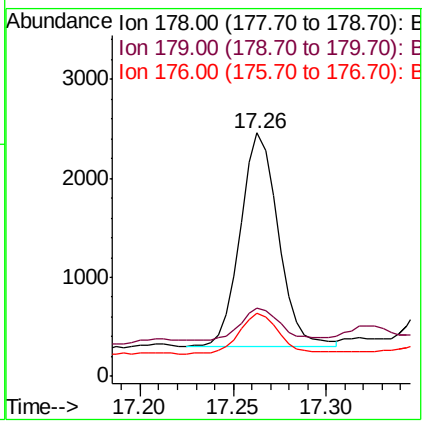


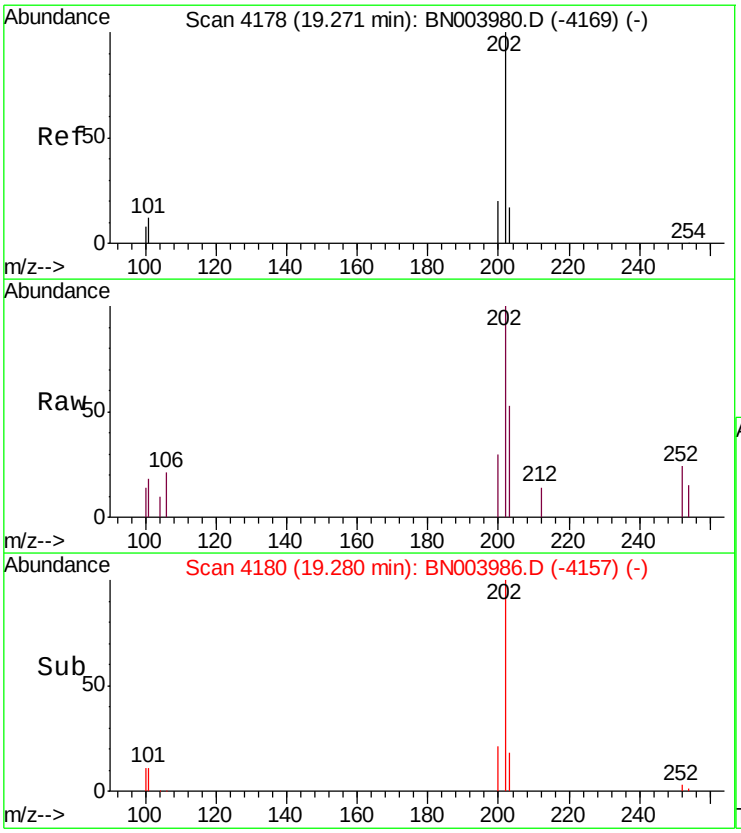
#12
Phenanthrene
Concen: 0.050 ng/ul
RT: 17.26 min Scan# 3719
Delta R.T. 0.00 min
Lab File: BN003986.D
Acq: 16 Dec 2018 08:16

Instrument :
BNA_N
ClientSampleId :
F9Y05DL

Tgt Ion:178 Resp: 3024

Ion	Ratio	Lower	Upper
178	100		
179	28.0	12.5	18.7#
176	26.1	15.0	22.4#

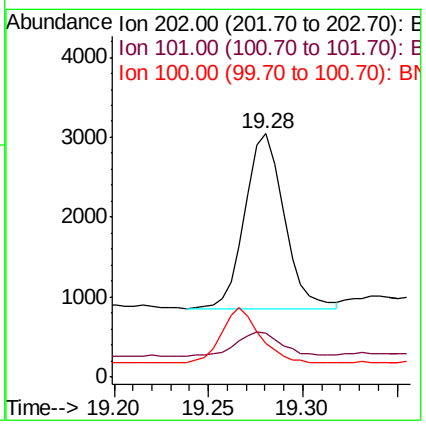


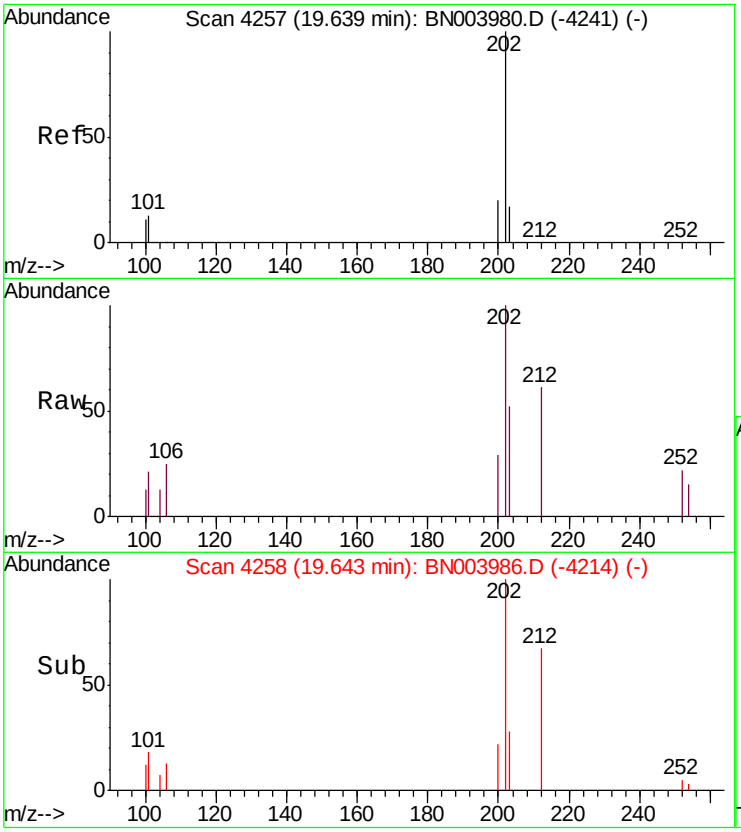


#15
Fluoranthene
Concen: 0.045 ng/ul
RT: 19.28 min Scan# 4180
Delta R.T. 0.01 min
Lab File: BN003986.D
Acq: 16 Dec 2018 08:16

Tgt Ion:202 Resp: 3189

Ion	Ratio	Lower	Upper
202	100		
101	18.0	0.0	30.7
100	14.0	0.0	28.1



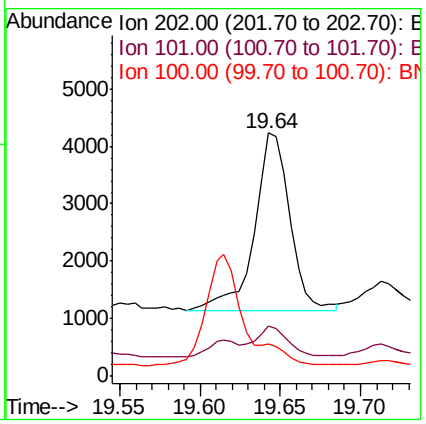


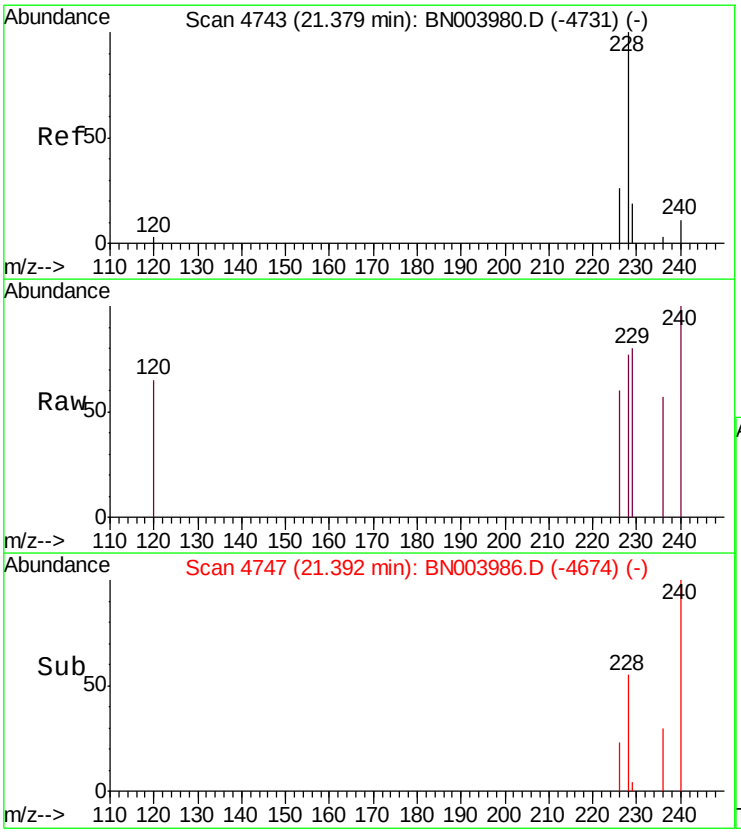
#17
Pyrene
Concen: 0.072 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BN003986.D
Acq: 16 Dec 2018 08:16

Instrument :
BNA_N
ClientSampleId :
F9Y05DL

Tgt Ion:202 Resp: 4807

Ion	Ratio	Lower	Upper
202	100		
101	20.6	10.3	15.5#
100	13.3	8.5	12.7#

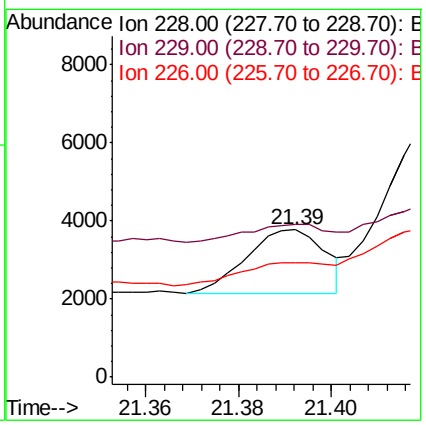


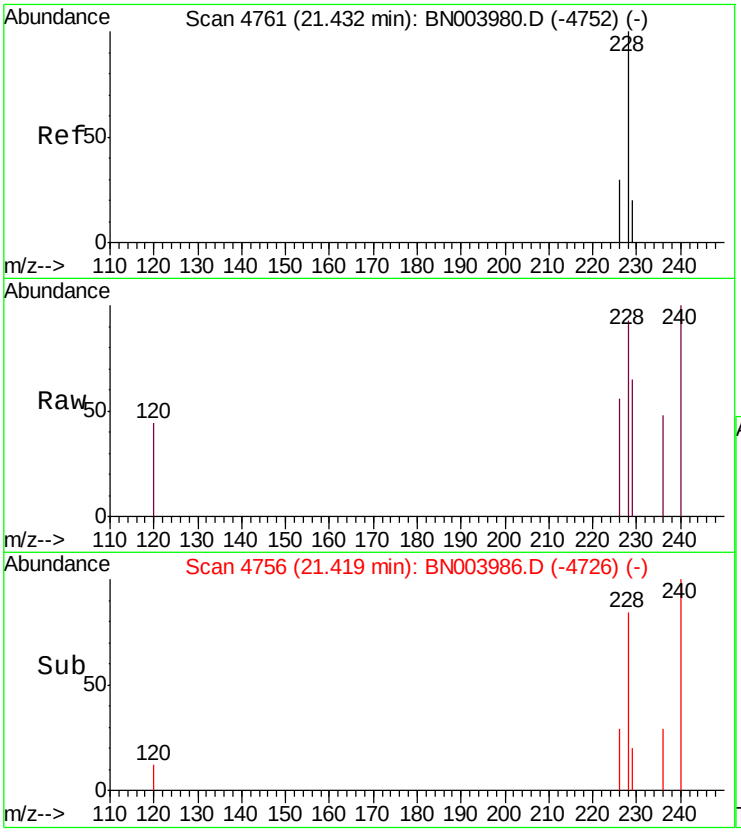


#18
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.39 min Scan# 4747
Delta R.T. 0.01 min
Lab File: BN003986.D
Acq: 16 Dec 2018 08:16

Tgt Ion:228 Resp: 1899

Ion	Ratio	Lower	Upper
228	100		
229	103.3	15.6	23.4#
226	77.8	21.1	31.7#



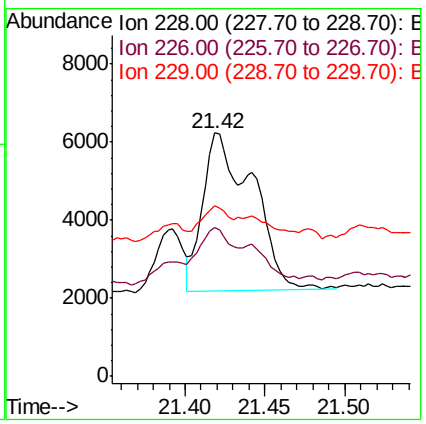


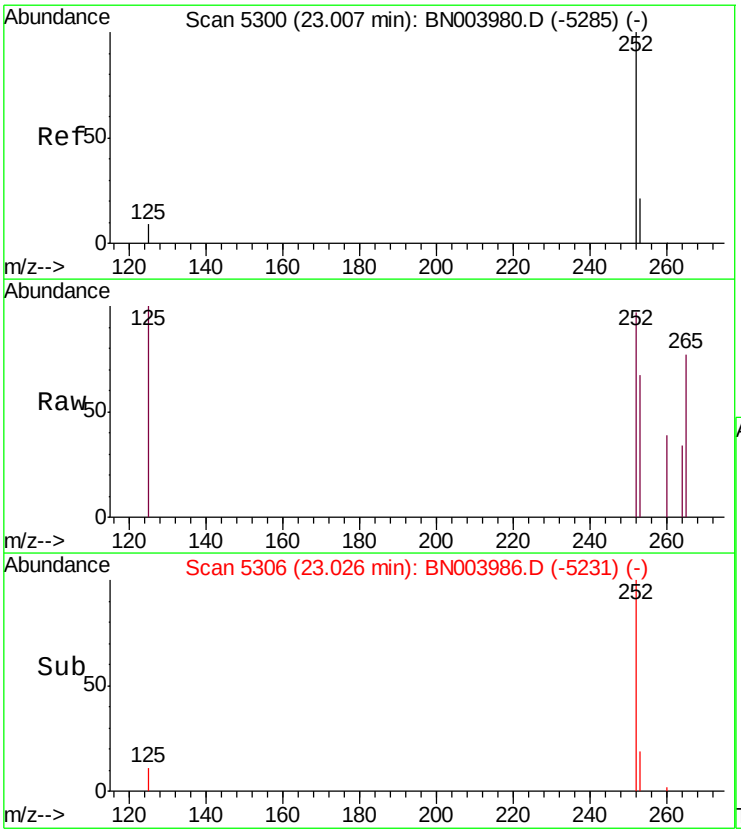
#19
Chrysene
Concen: 0.130 ng/ul
RT: 21.42 min Scan# 4756
Delta R.T. -0.01 min
Lab File: BN003986.D
Acq: 16 Dec 2018 08:16

Instrument :
BNA_N
ClientSampleId :
F9Y05DL

Tgt Ion:228 Resp: 8785

Ion	Ratio	Lower	Upper
228	100		
226	60.9	24.0	36.0#
229	70.0	15.7	23.5#

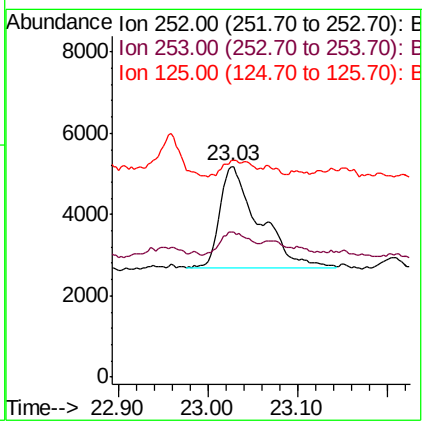


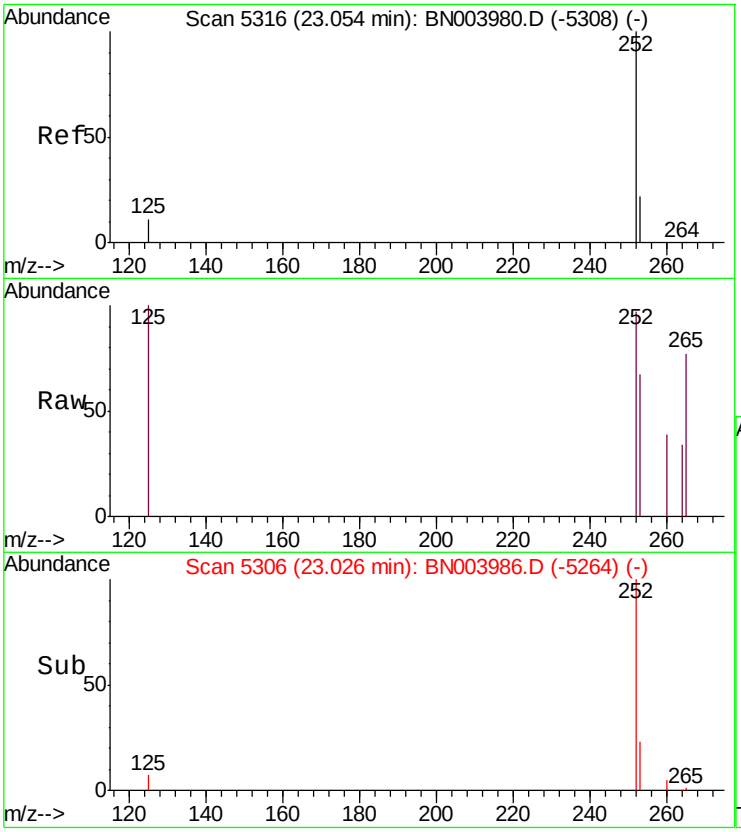


#21
Benzo(b)fluoranthene
Concen: 0.115 ng/ul
RT: 23.03 min Scan# 5306
Delta R.T. 0.02 min
Lab File: BN003986.D
Acq: 16 Dec 2018 08:16

Tgt Ion:252 Resp: 7801

Ion	Ratio	Lower	Upper
252	100		
253	69.0	0.0	46.0#
125	103.1	0.0	22.4#



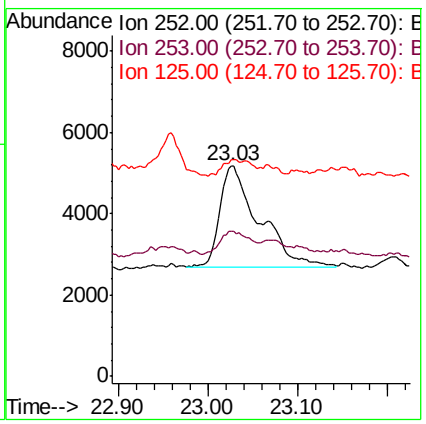


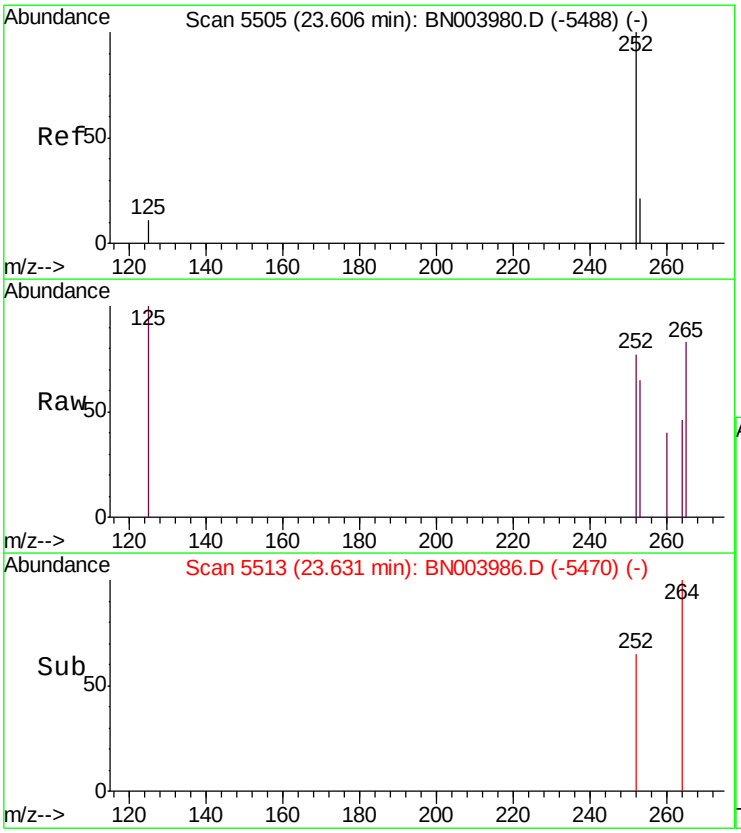
#22
Benzo(k)fluoranthene
Concen: 0.118 ng/ul
RT: 23.03 min Scan# 5306
Delta R.T. -0.03 min
Lab File: BN003986.D
Acq: 16 Dec 2018 08:16

Instrument :
BNA_N
ClientSampleId :
F9Y05DL

Tgt Ion:252 Resp: 7801

Ion	Ratio	Lower	Upper
252	100		
253	69.0	18.5	27.7#
125	103.1	9.0	13.6#

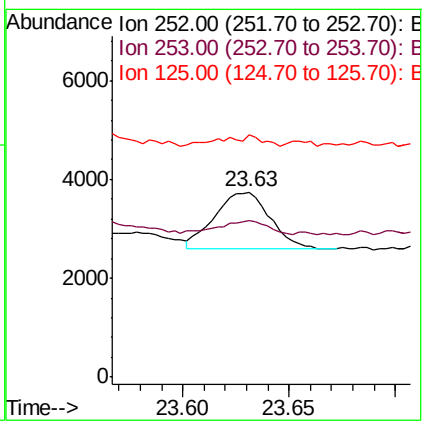


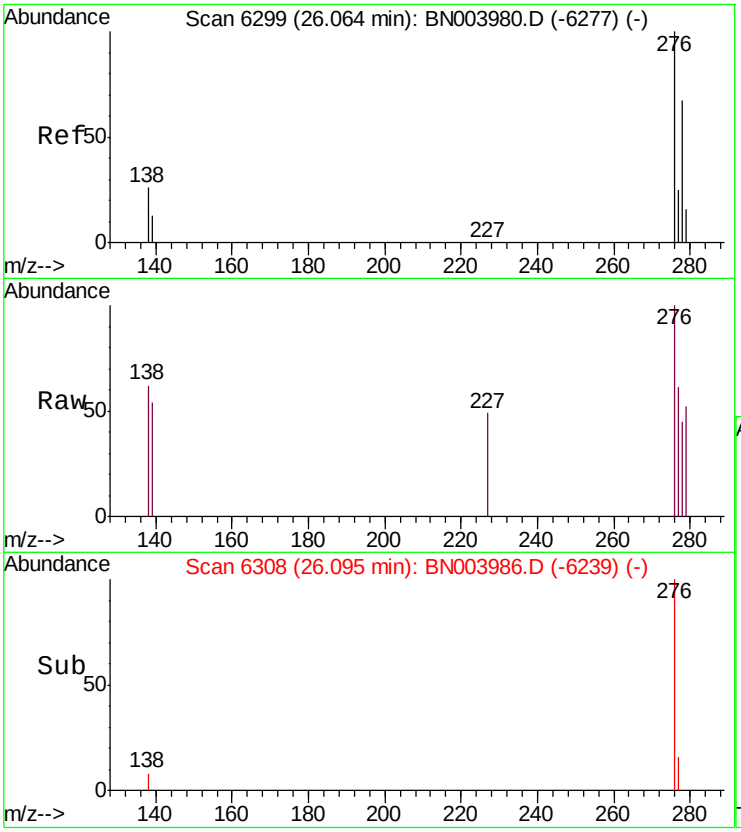


#23
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 23.63 min Scan# 5513
Delta R.T. 0.02 min
Lab File: BN003986.D
Acq: 16 Dec 2018 08:16

Tgt Ion:252 Resp: 2084

Ion	Ratio	Lower	Upper
252	100		
253	84.5	19.0	28.4#
125	130.5	10.2	15.4#



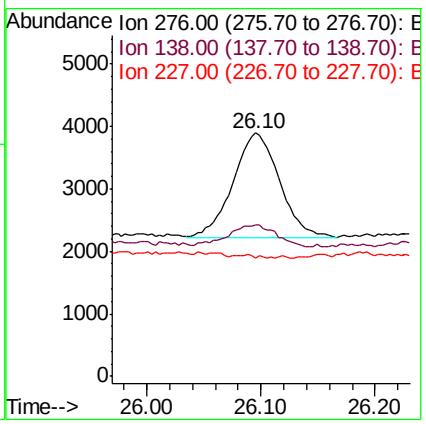


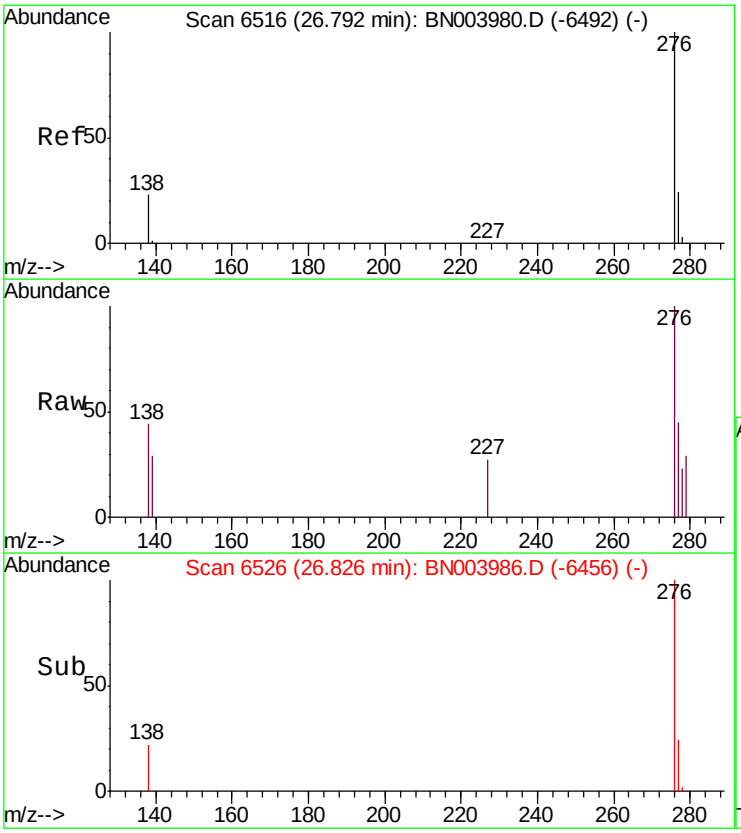
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul
RT: 26.10 min Scan# 6308
Delta R.T. 0.03 min
Lab File: BN003986.D
Acq: 16 Dec 2018 08:16

Instrument :
BNA_N
ClientSampleId :
F9Y05DL

Tgt Ion:276 Resp: 4698

Ion	Ratio	Lower	Upper
276	100		
138	20.2	20.3	30.5#
227	1.3	0.2	0.2#





#26
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 26.83 min Scan# 6526
Delta R.T. 0.03 min
Lab File: BN003986.D
Acq: 16 Dec 2018 08:16

Tgt Ion:276 Resp: 15318

Ion	Ratio	Lower	Upper
276	100		
138	44.3	17.7	26.5#
277	44.8	19.3	28.9#