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

Quantitation Report (Not Reviewed)

Data File : BN009075.D
Acq On : 20 Dec 2019 19:16
Operator : JU
Sample : K6171-04DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BS6DL

Quant Time: Dec 20 22:59:21 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 22:55:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4028	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	15346	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	8199	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	15546	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	8649	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8373	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	466	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	862	0.02	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.88	152	1569	0.036	ng/ul#	90
12) Phenanthrene	16.95	178	12612	0.233	ng/ul	99
13) Anthracene	17.04	178	2840	0.059	ng/ul#	94
15) Fluoranthene	18.98	202	48700	0.788	ng/ul	98
17) Pyrene	19.34	202	38457	0.872	ng/ul	98
18) Benzo(a)anthracene	21.10	228	15234	0.397	ng/ul	96
19) Chrysene	21.15	228	14126	0.366	ng/ul	96
21) Benzo(b)fluoranthene	22.63	252	23830	0.610	ng/ul	94
22) Benzo(k)fluoranthene	22.63	252	23830	0.604	ng/ul#	94
23) Benzo(a)pyrene	23.16	252	11101	0.324	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.35	276	7737	0.207	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.36	278	1773	0.060	ng/ul#	54
26) Benzo(g,h,i)perylene	25.99	276	7393	0.235	ng/ul	94

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

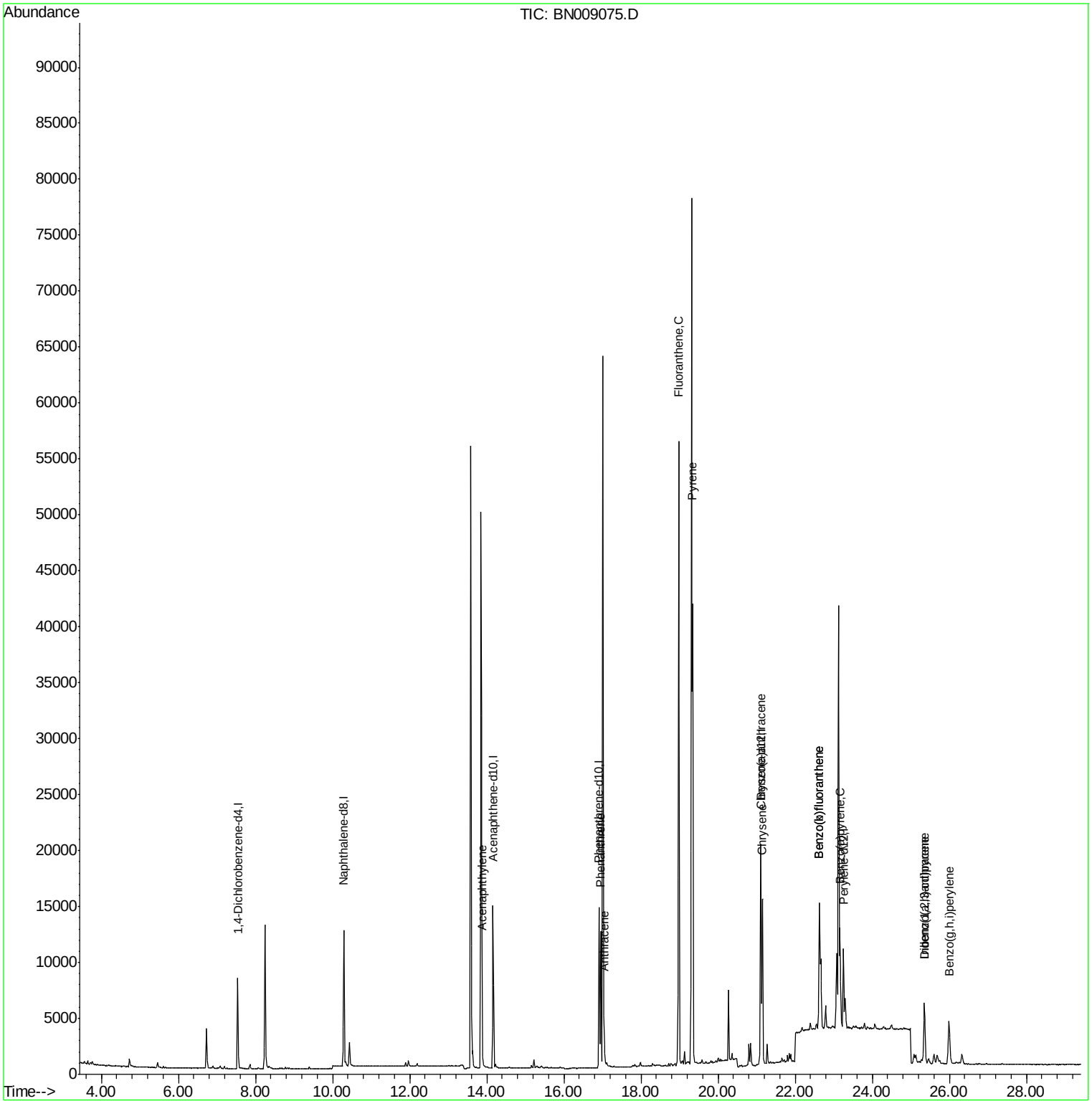
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121919\

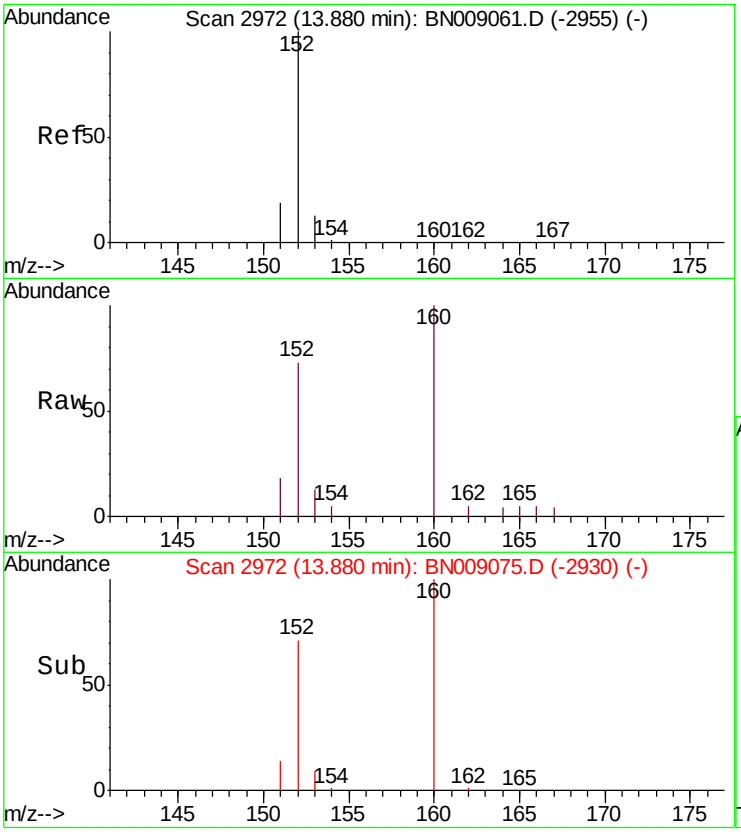
Quantitation Report (Not Reviewed)

Data File : BN009075.D
Acq On : 20 Dec 2019 19:16
Operator : JU
Sample : K6171-04DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BS6DL

Quant Time: Dec 20 22:59:21 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 22:55:30 2019
Response via : Initial Calibration



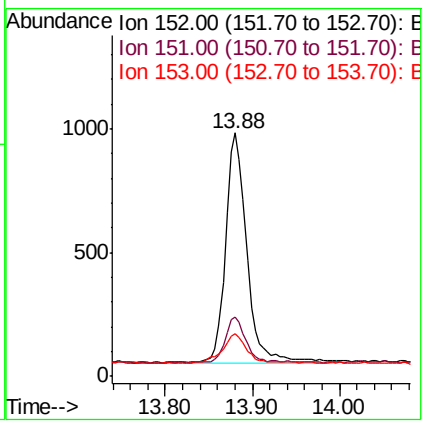


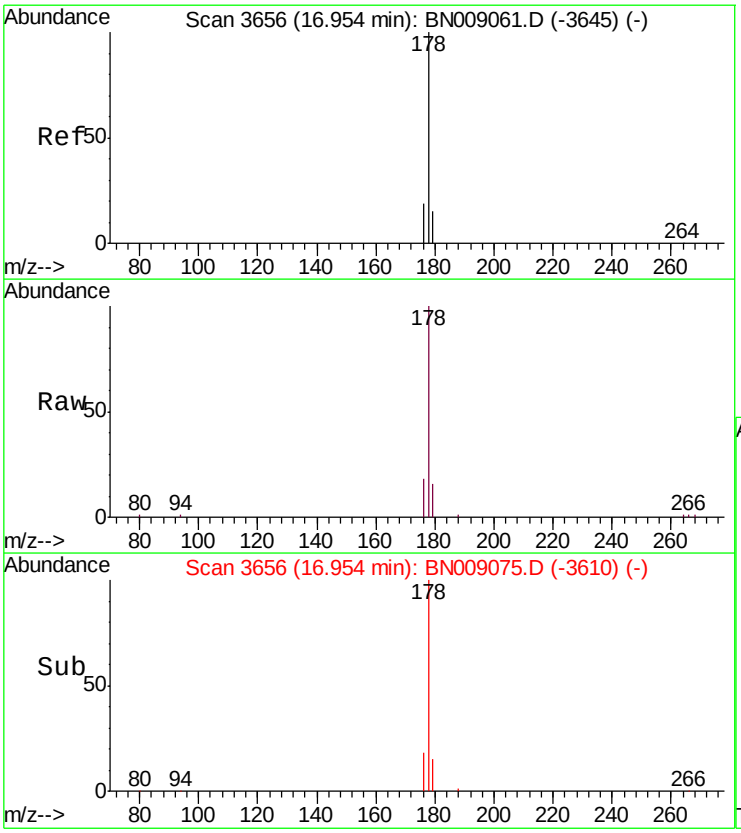
#7
Acenaphthylene
Concen: 0.036 ng/ul
RT: 13.88 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Instrument :
BNA_N
ClientSampleId :
C0BS6DL

Tgt Ion:152 Resp: 1569

Ion	Ratio	Lower	Upper
152	100		
151	24.1	15.7	23.5#
153	17.4	10.8	16.2#

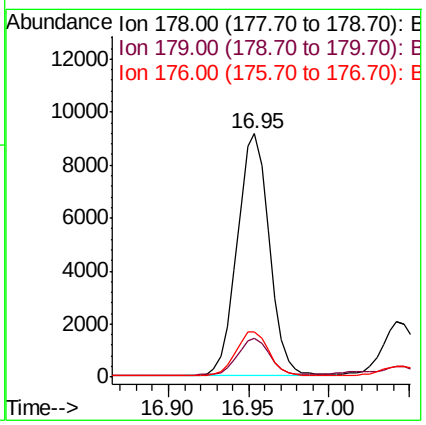


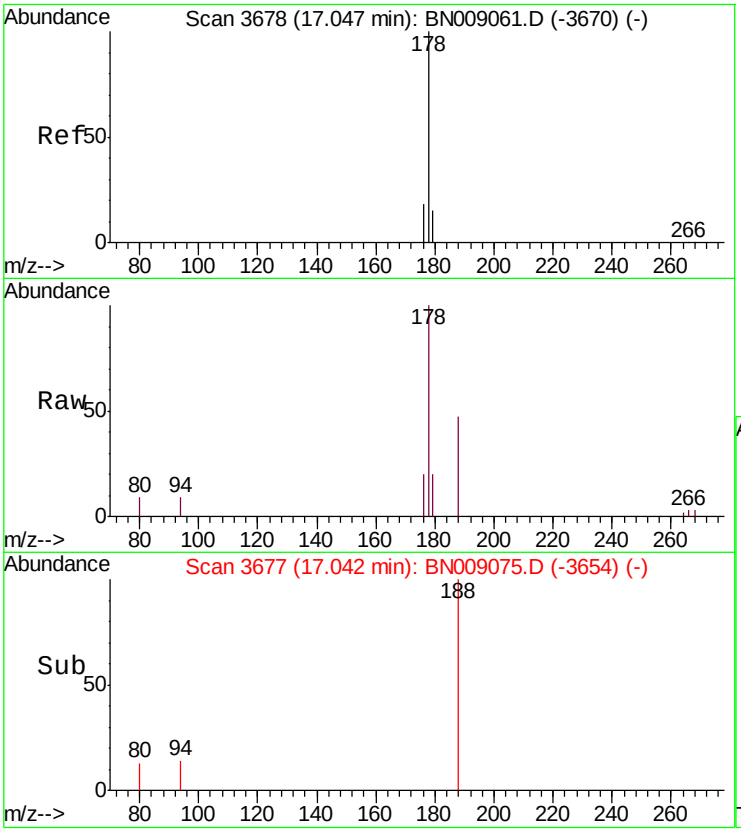


#12
Phenanthrene
Concen: 0.233 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Tgt Ion:178 Resp: 12612

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.4	15.1	22.7



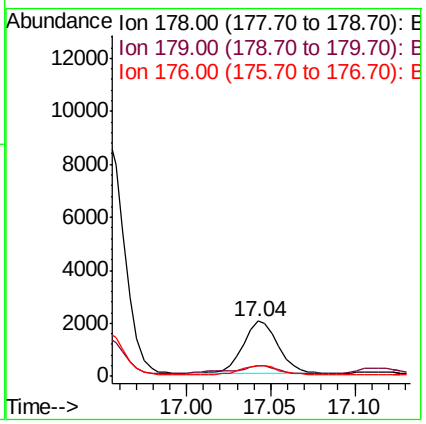


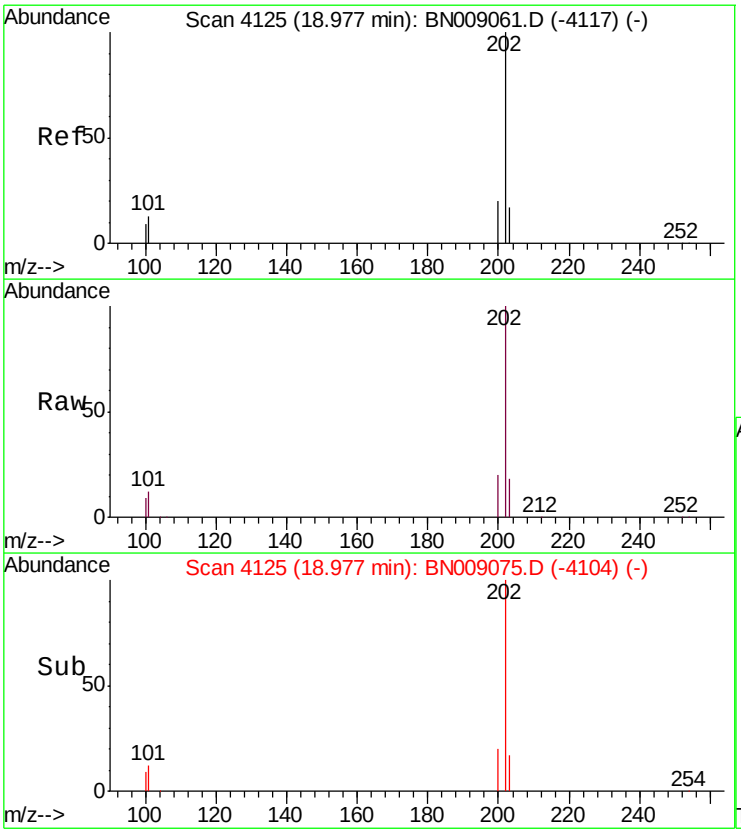
#13
Anthracene
Concen: 0.059 ng/ul
RT: 17.04 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Instrument :
BNA_N
ClientSampleId :
C0BS6DL

Tgt Ion:178 Resp: 2840

Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.5	18.7#
176	19.9	14.9	22.3

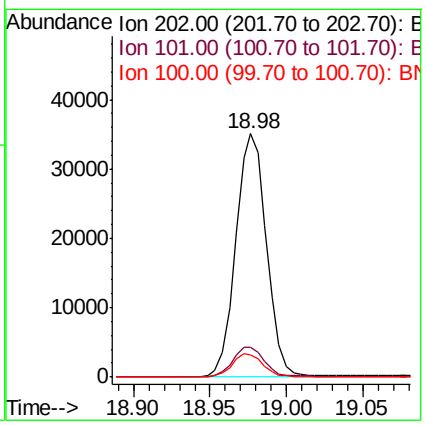


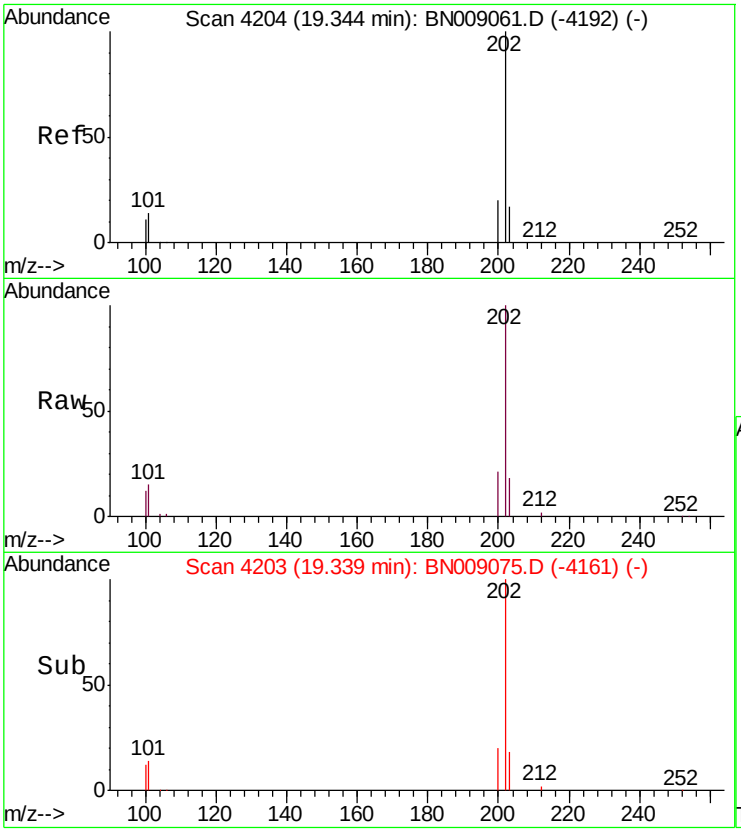


#15
Fluoranthene
Concen: 0.788 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Tgt Ion:202 Resp: 48700

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.5
100	9.4	0.0	28.9



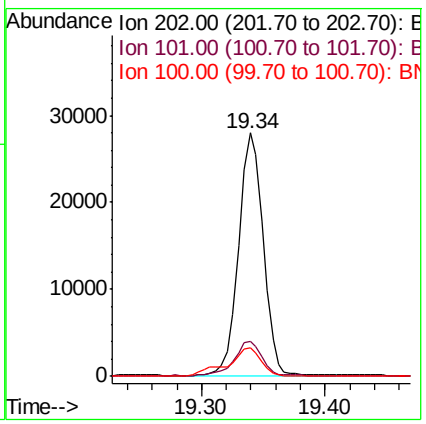


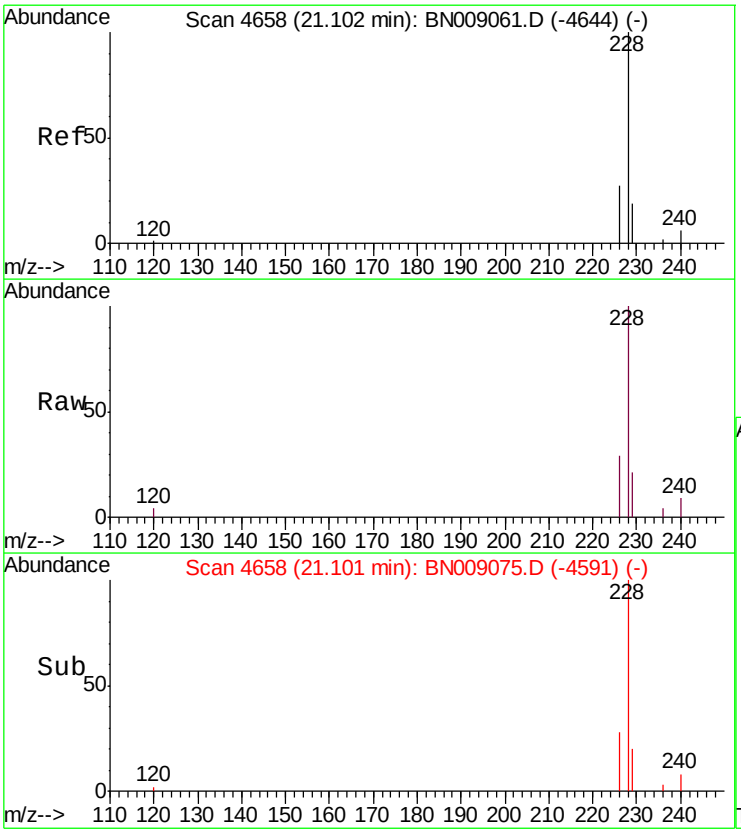
#17
Pyrene
Concen: 0.872 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Instrument :
BNA_N
ClientSampleId :
C0BS6DL

Tgt Ion:202 Resp: 38457

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.9	16.3
100	11.8	9.0	13.6

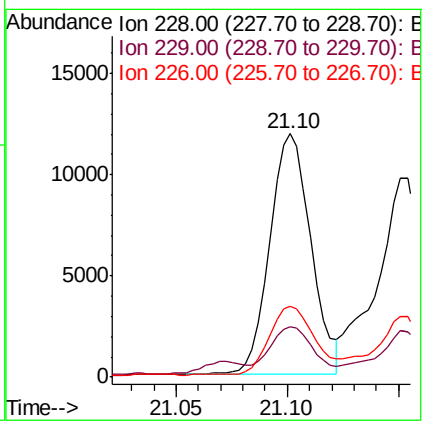


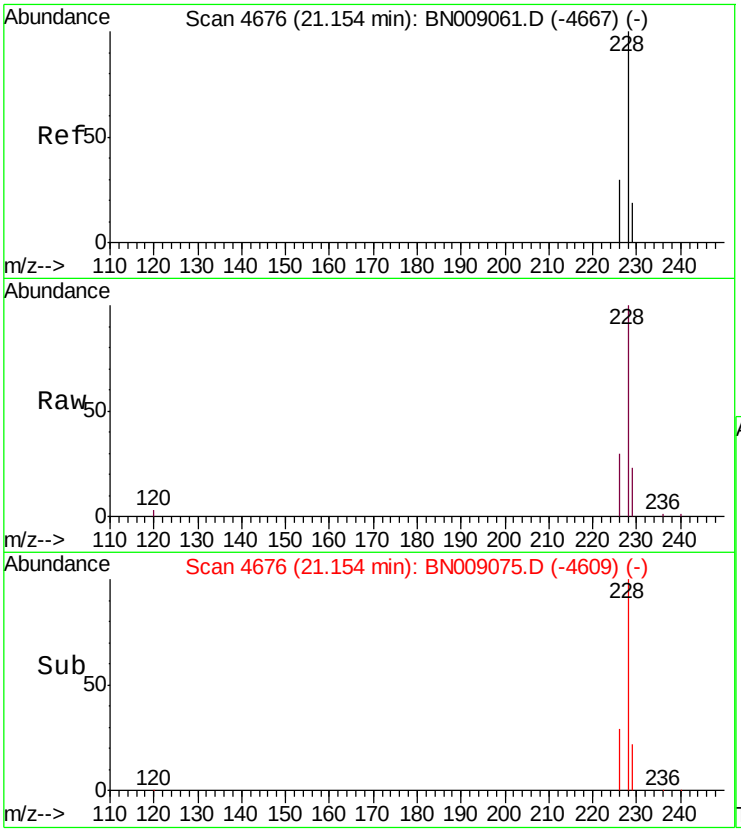


#18
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Tgt Ion:228 Resp: 15234

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	29.2	21.7	32.5



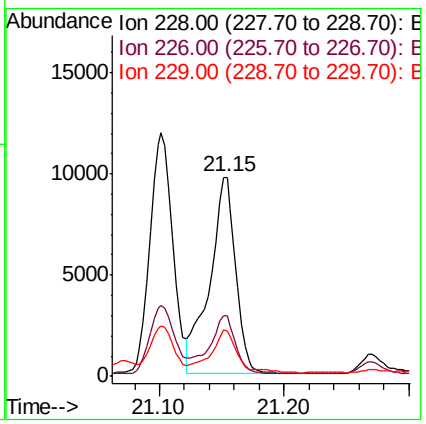


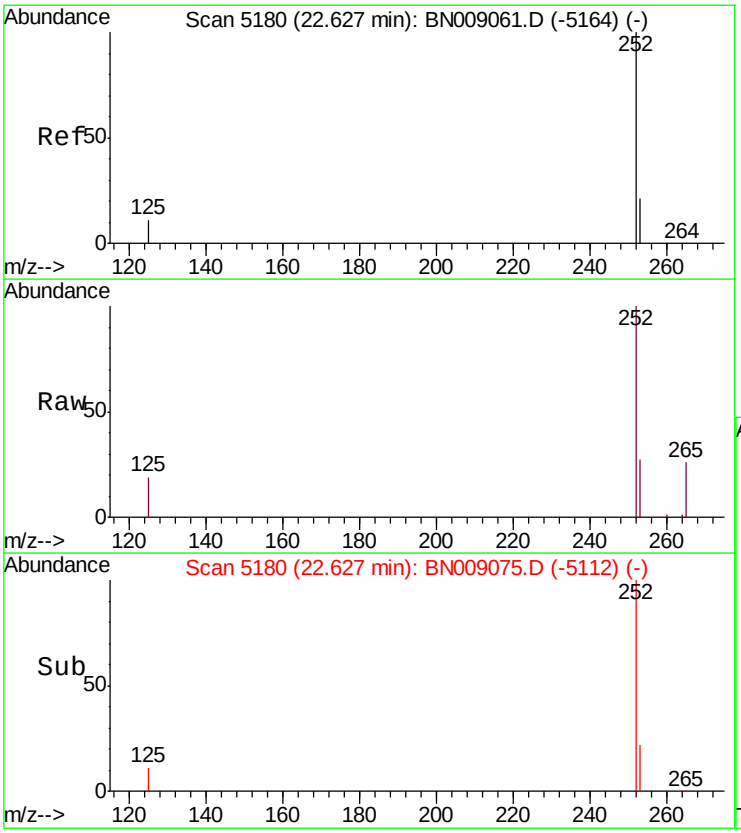
#19
Chrysene
Concen: 0.366 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Instrument :
BNA_N
ClientSampleId :
C0BS6DL

Tgt Ion:228 Resp: 14126

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	23.0	15.4	23.0

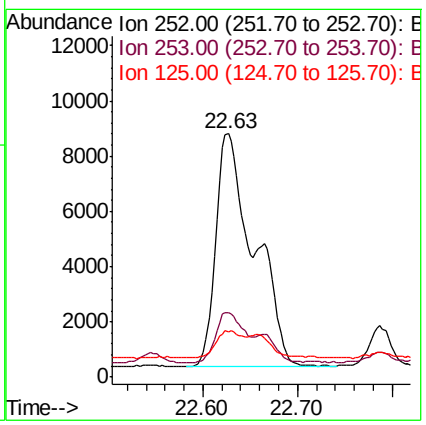


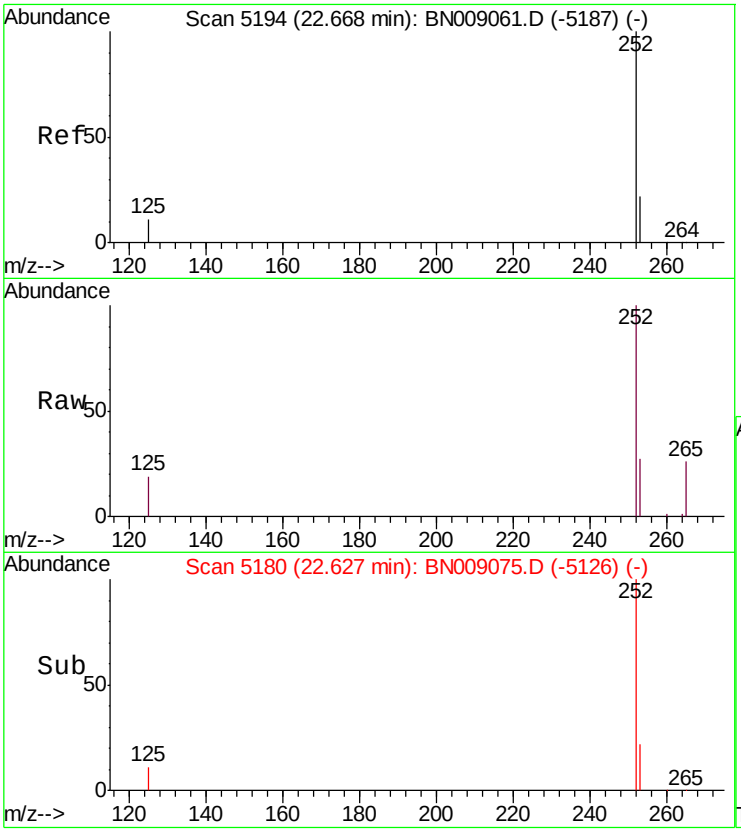


#21
Benzo(b)fluoranthene
Concen: 0.610 ng/ul
RT: 22.63 min Scan# 5180
Delta R.T. -0.00 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Tgt Ion:252 Resp: 23830

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	48.2
125	18.7	0.0	30.0



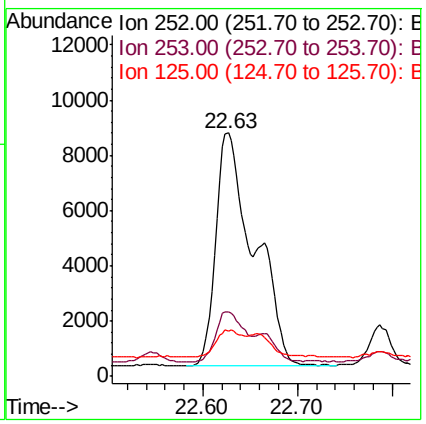


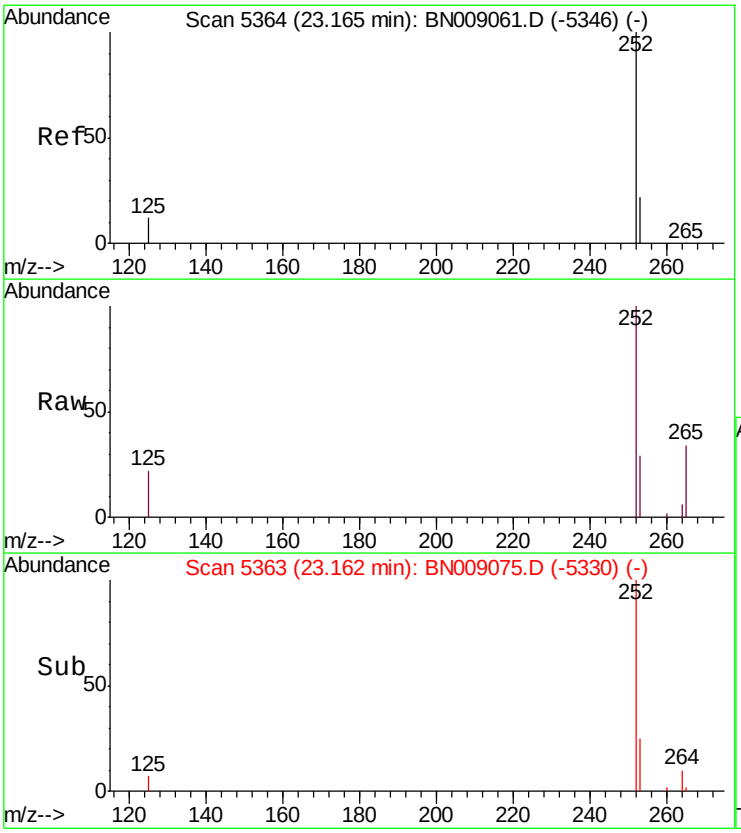
#22
Benzo(k)fluoranthene
Concen: 0.604 ng/ul
RT: 22.63 min Scan# 5180
Delta R.T. -0.04 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Instrument :
BNA_N
ClientSampleId :
C0BS6DL

Tgt Ion:252 Resp: 23830

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.4	29.0
125	18.7	12.4	18.6#

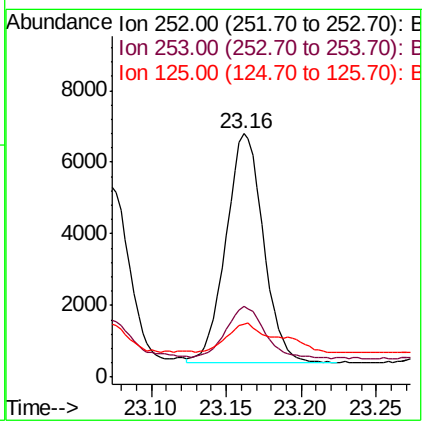


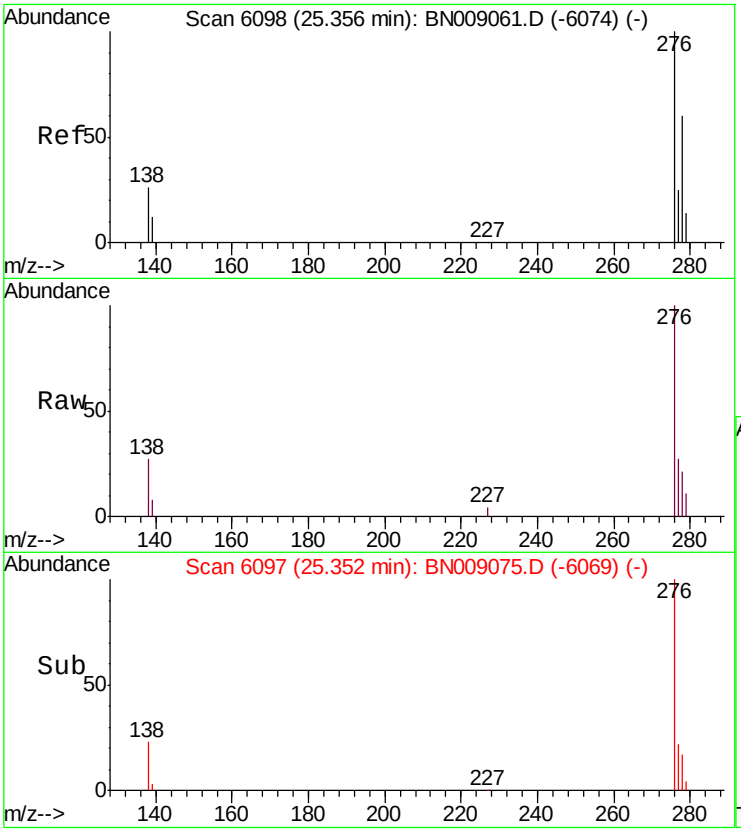


#23
Benzo(a)pyrene
Concen: 0.324 ng/ul
RT: 23.16 min Scan# 5363
Delta R.T. -0.00 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Tgt Ion:252 Resp: 11101

Ion	Ratio	Lower	Upper
252	100		
253	29.2	20.2	30.4
125	21.5	13.2	19.8#



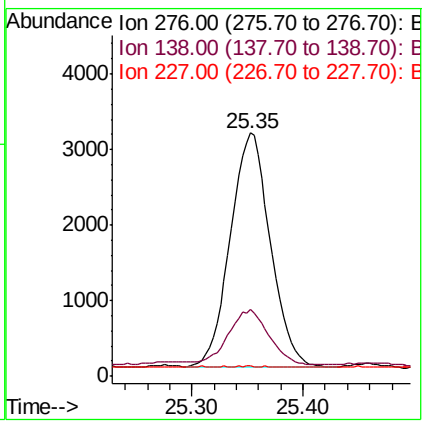


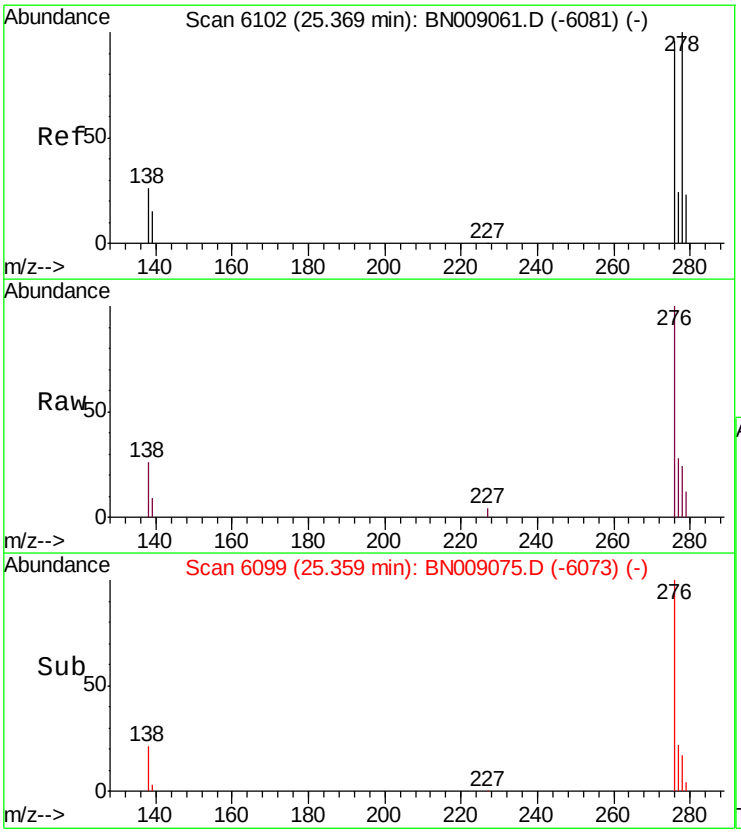
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.207 ng/ul
RT: 25.35 min Scan# 6097
Delta R.T. -0.01 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Instrument :
BNA_N
ClientSampleId :
C0BS6DL

Tgt Ion:276 Resp: 7737

Ion	Ratio	Lower	Upper
276	100		
138	24.0	22.4	33.6
227	0.1	0.2	0.4#

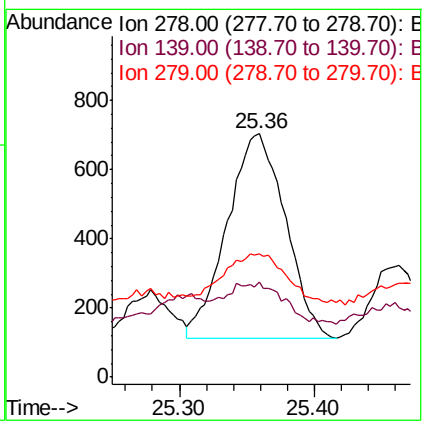


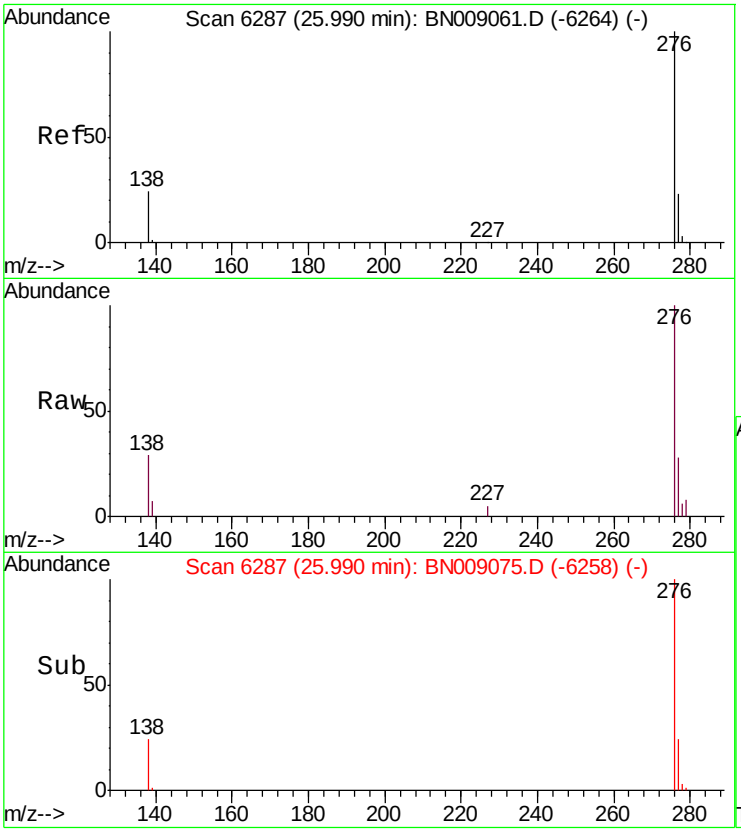


#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.36 min Scan# 6099
Delta R.T. -0.01 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Tgt Ion:278 Resp: 1773

Ion	Ratio	Lower	Upper
278	100		
139	38.9	16.2	24.2#
279	50.9	20.3	30.5#





#26
Benzo(g,h,i)perylene
Concen: 0.235 ng/ul
RT: 25.99 min Scan# 6287
Delta R.T. -0.00 min
Lab File: BN009075.D
Acq: 20 Dec 2019 19:16

Instrument :
BNA_N
ClientSampleId :
C0BS6DL

Tgt Ion:276 Resp: 7393

Ion	Ratio	Lower	Upper
276	100		
138	28.8	20.6	30.8
277	27.8	19.6	29.4