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

Quantitation Report (Not Reviewed)

Data File : BN009073.D
Acq On : 20 Dec 2019 18:05
Operator : JU
Sample : K6171-14DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BX1DL

Quant Time: Dec 20 22:58:56 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	4050	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	15103	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	7672	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	13732	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	8179	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8511	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	616	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	1051	0.03	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.95	178	8275	0.173	ng/ul	98
13) Anthracene	17.05	178	1184	0.028	ng/ul#	86
15) Fluoranthene	18.98	202	22116	0.405	ng/ul	98
17) Pyrene	19.34	202	18605	0.446	ng/ul	98
18) Benzo(a)anthracene	21.10	228	7429	0.205	ng/ul	95
19) Chrysene	21.15	228	9340	0.256	ng/ul	96
21) Benzo(b)fluoranthene	22.63	252	16237	0.409	ng/ul	88
22) Benzo(k)fluoranthene	22.63	252	16237	0.405	ng/ul#	89
23) Benzo(a)pyrene	23.16	252	7478	0.215	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.35	276	5823	0.154	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.36	278	1280	0.042	ng/ul#	33
26) Benzo(g,h,i)perylene	25.99	276	5880	0.184	ng/ul	93

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

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

Quantitation Report (Not Reviewed)

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Sample : K6171-14DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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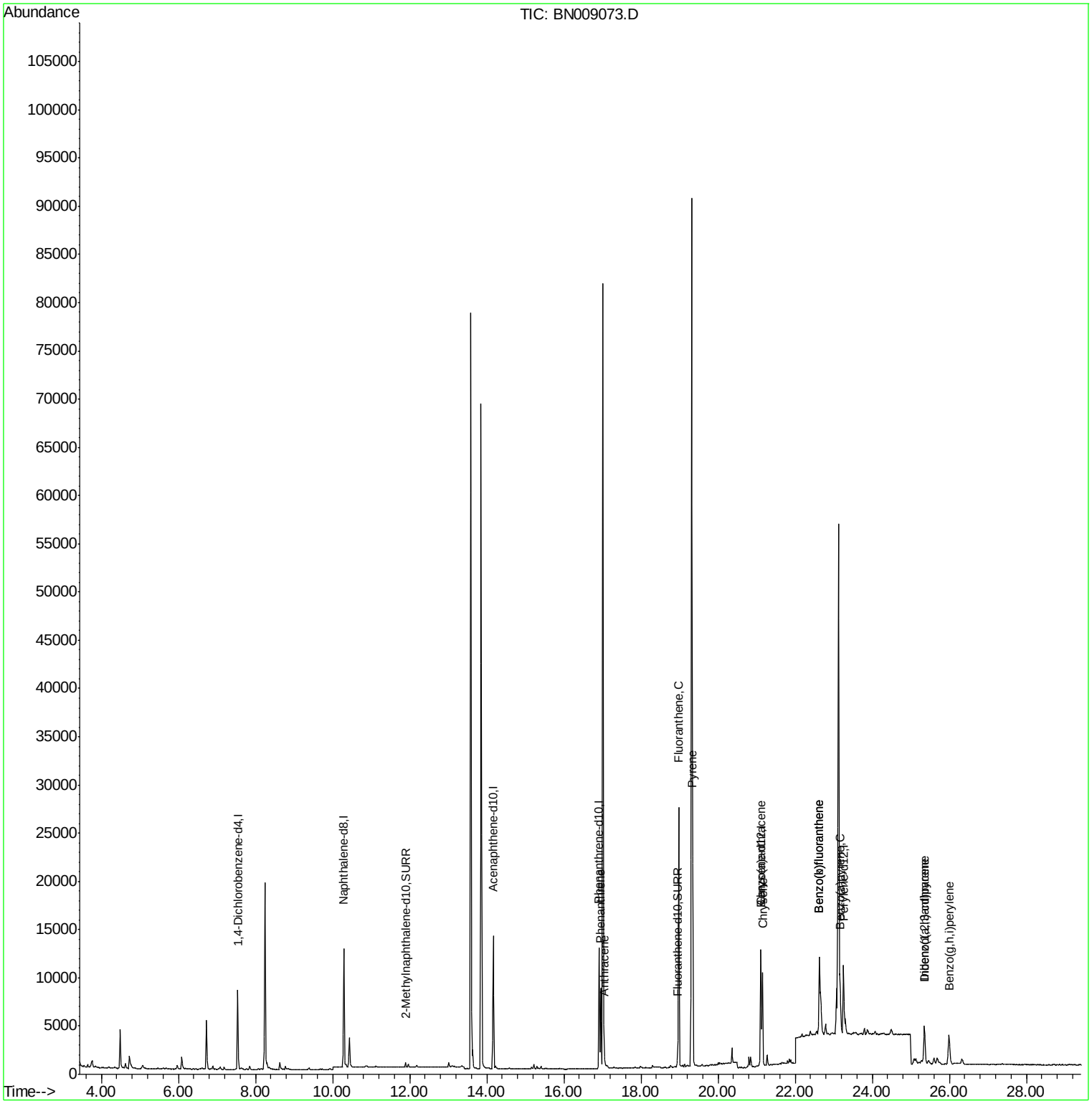
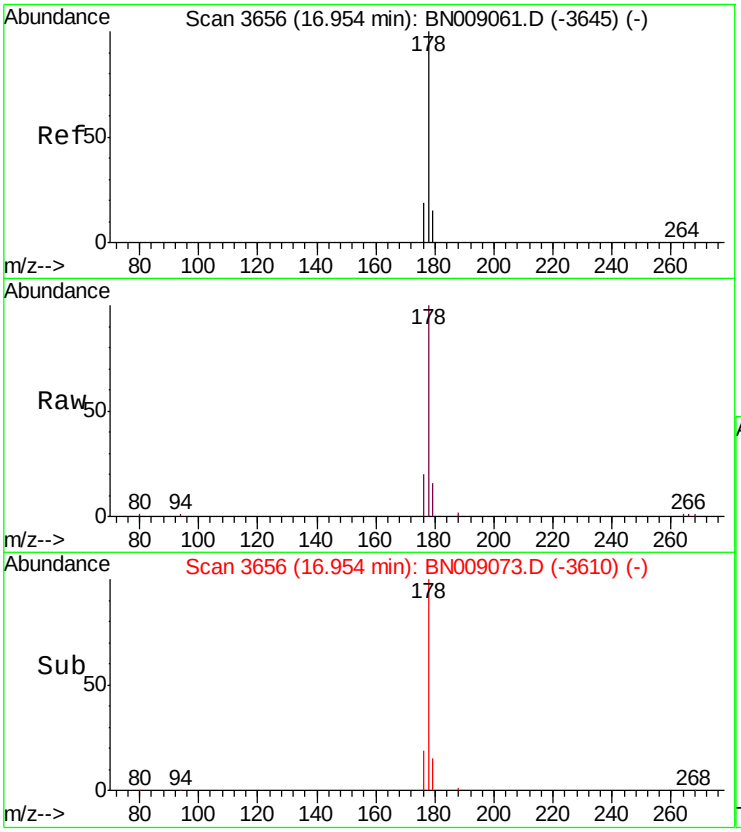
Quant Time: Dec 20 22:58:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 22:55:30 2019
Response via : Initial Calibration



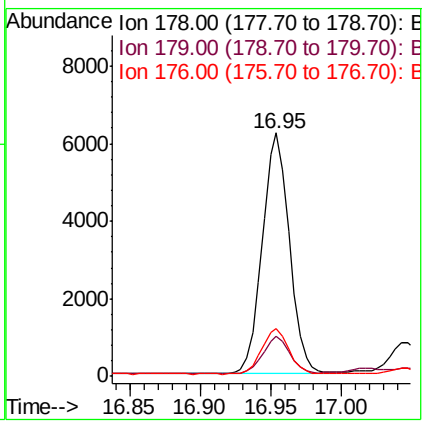


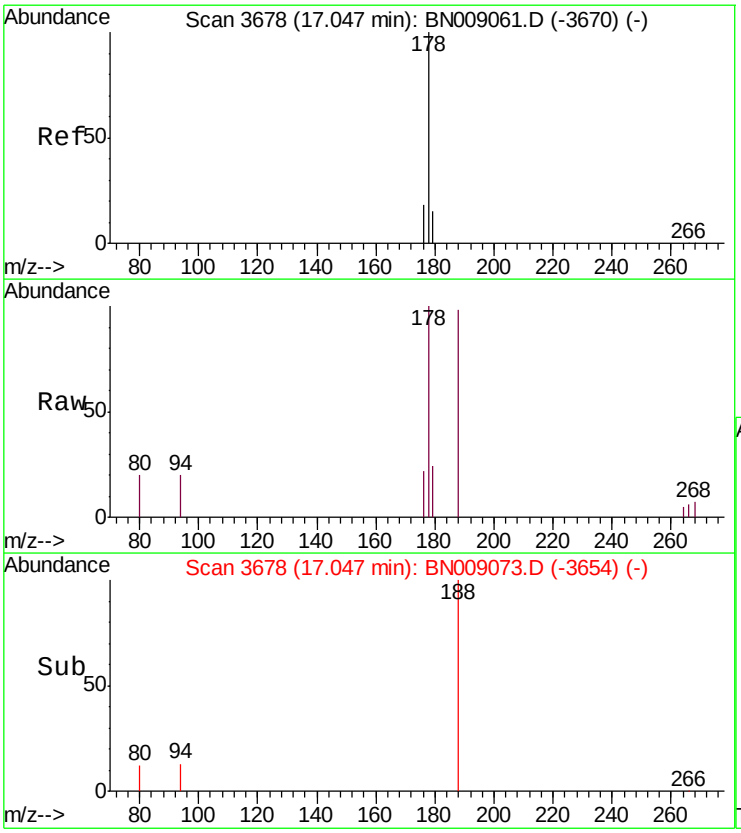
#12
Phenanthrene
Concen: 0.173 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Instrument :
BNA_N
ClientSampleId :
C0BX1DL

Tgt Ion:178 Resp: 8275

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	19.6	15.1	22.7

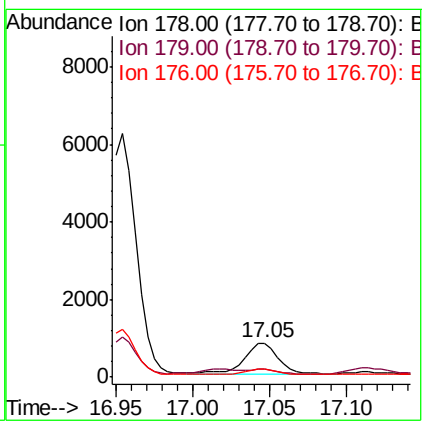


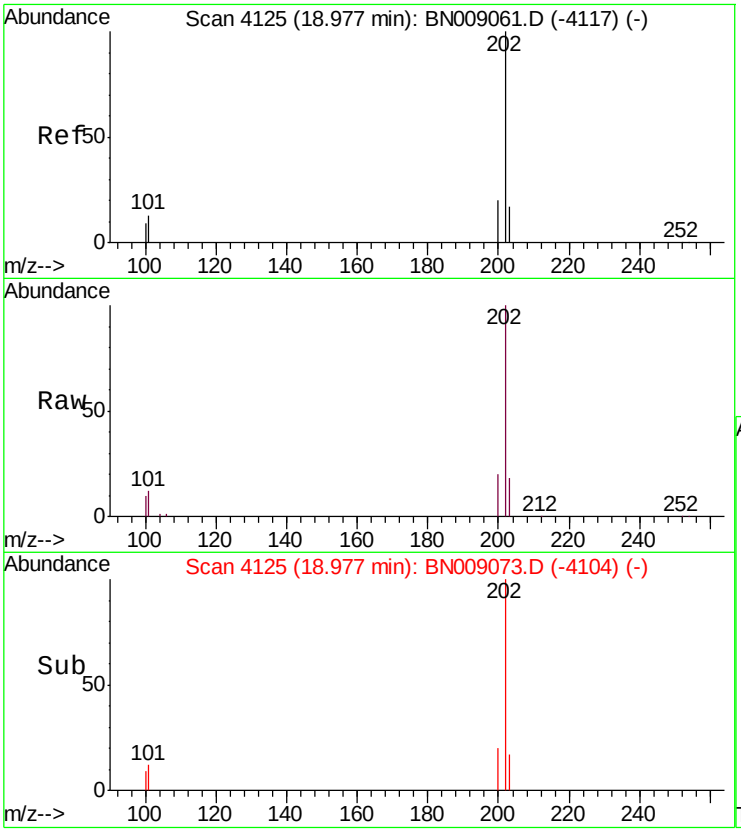


#13
Anthracene
Concen: 0.028 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Tgt Ion:178 Resp: 1184

Ion	Ratio	Lower	Upper
178	100		
179	23.9	12.5	18.7#
176	22.4	14.9	22.3#



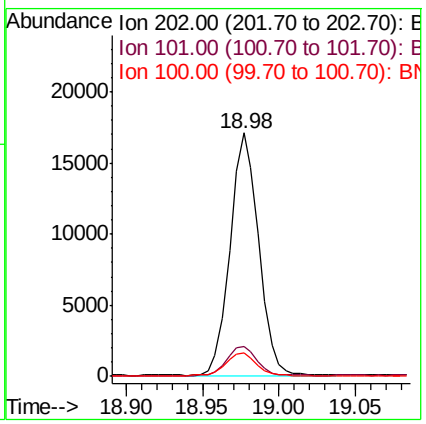


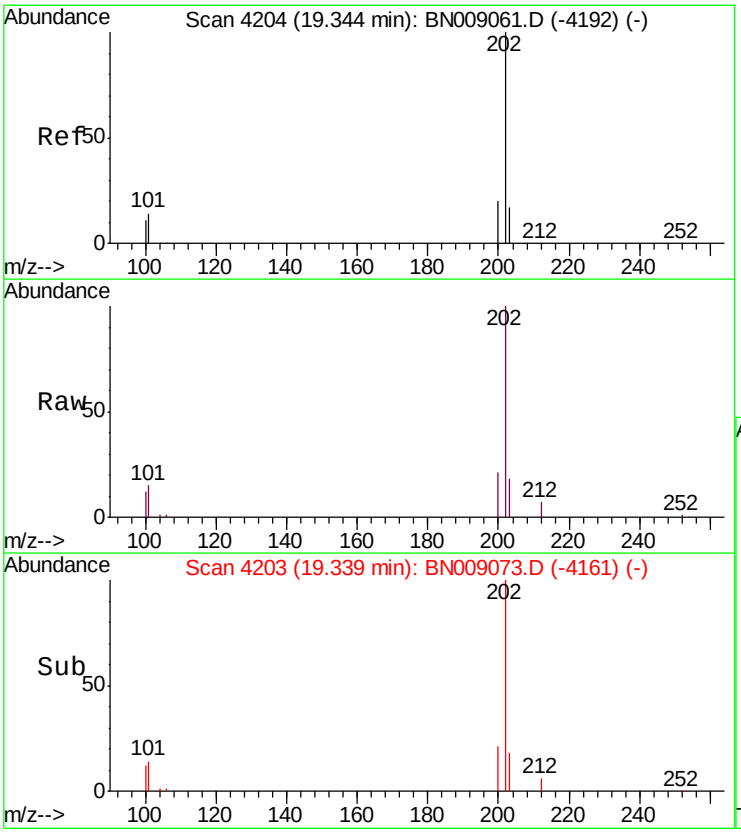
#15
Fluoranthene
Concen: 0.405 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Instrument :
BNA_N
ClientSampleId :
C0BX1DL

Tgt Ion:202 Resp: 22116

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
100	9.6	0.0	28.9

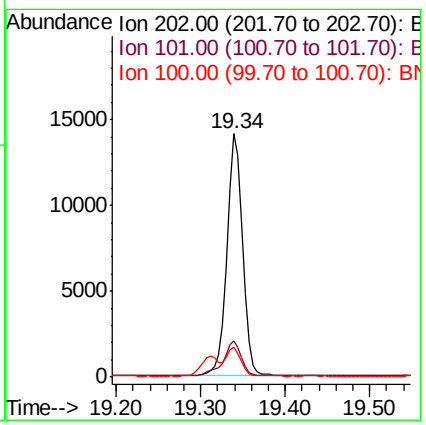


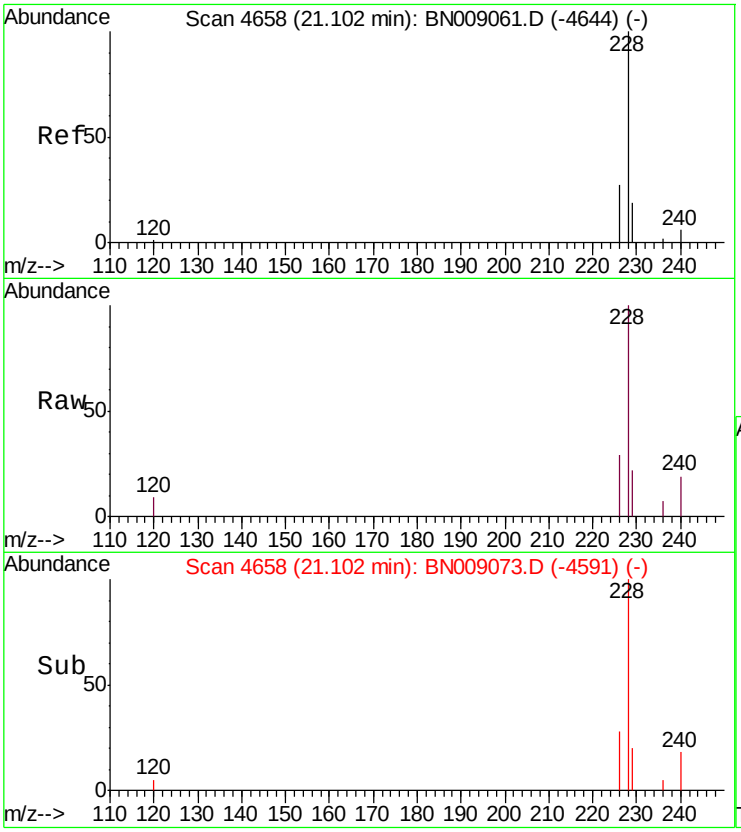


#17
Pyrene
Concen: 0.446 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Tgt Ion:202 Resp: 18605

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.9	16.3
100	12.1	9.0	13.6



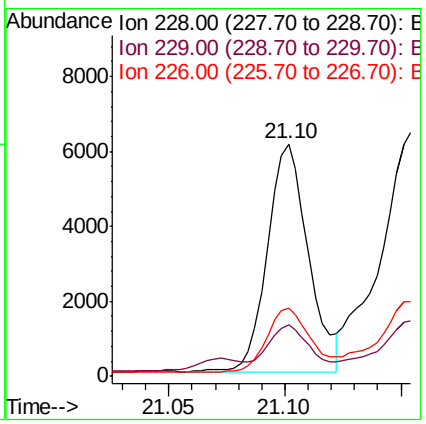


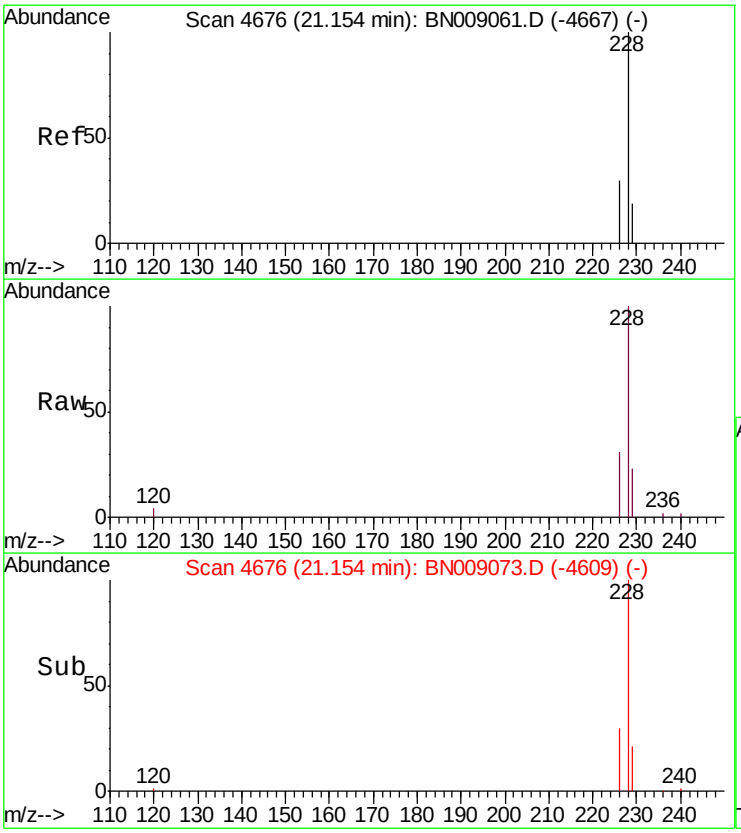
#18
Benzo(a)anthracene
Concen: 0.205 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Instrument :
BNA_N
ClientSampleId :
C0BX1DL

Tgt Ion:228 Resp: 7429

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.5	23.3
226	29.4	21.7	32.5

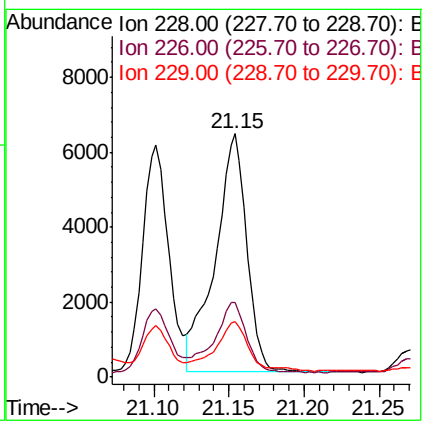


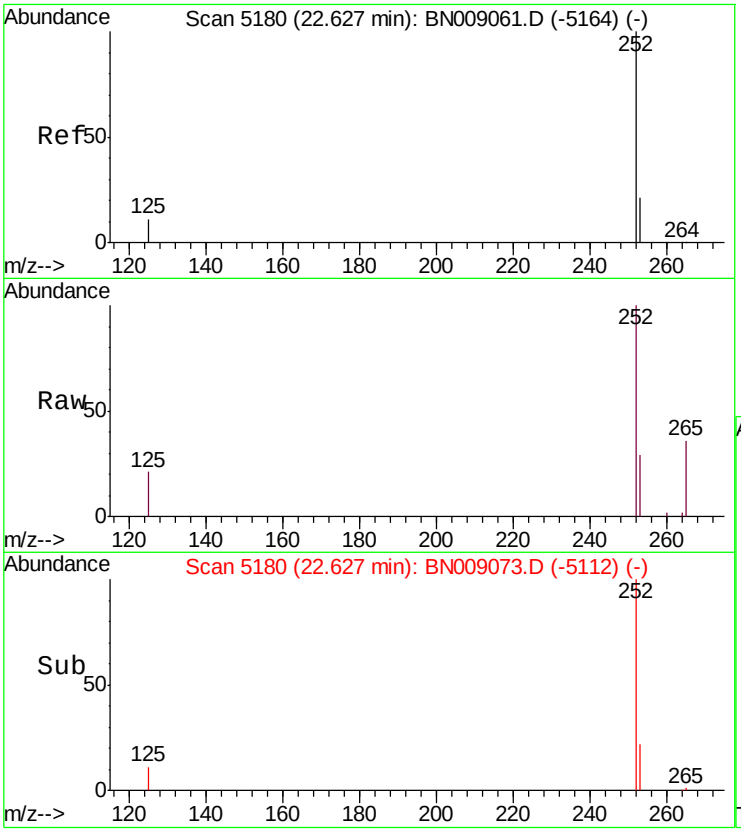


#19
Chrysene
Concen: 0.256 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Tgt Ion:228 Resp: 9340

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.7	35.5
229	22.8	15.4	23.0



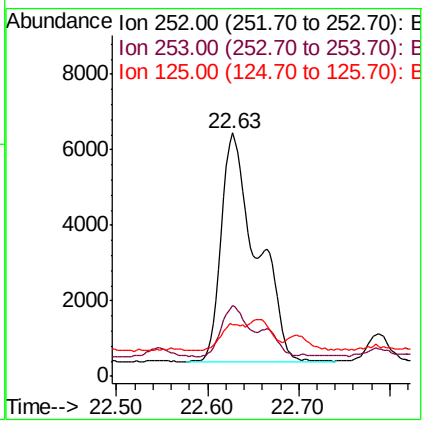


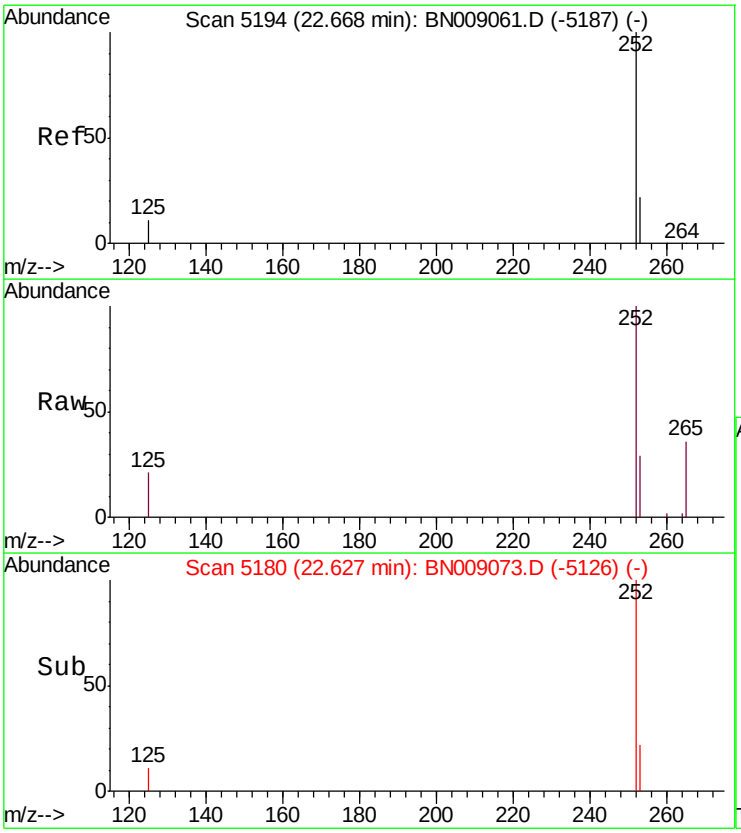
#21
Benzo(b)fluoranthene
Concen: 0.409 ng/ul
RT: 22.63 min Scan# 5180
Delta R.T. 0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Instrument :
BNA_N
ClientSampleId :
C0BX1DL

Tgt Ion:252 Resp: 16237

Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	48.2
125	21.0	0.0	30.0

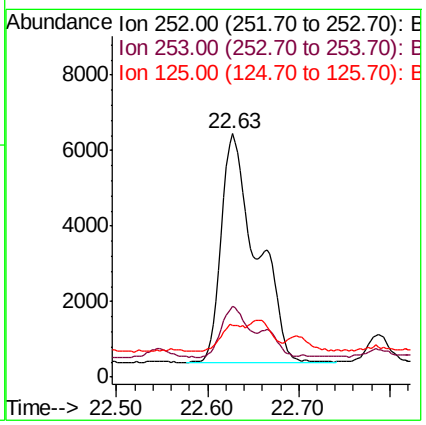


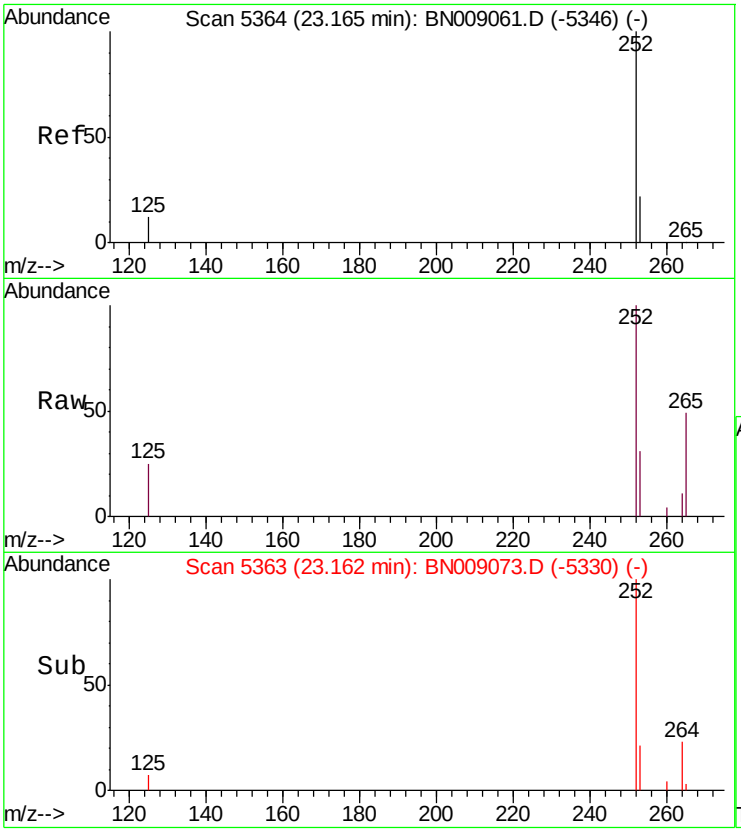


#22
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 22.63 min Scan# 5180
Delta R.T. -0.04 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Tgt Ion:252 Resp: 16237

Ion	Ratio	Lower	Upper
252	100		
253	29.1	19.4	29.0#
125	21.0	12.4	18.6#



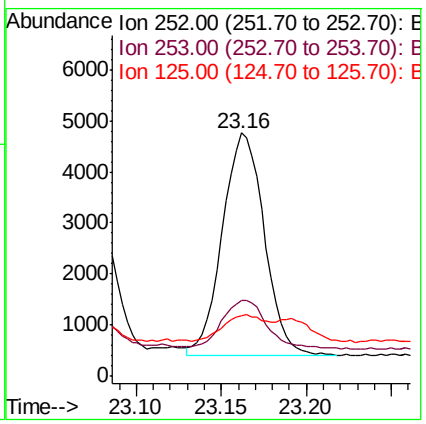


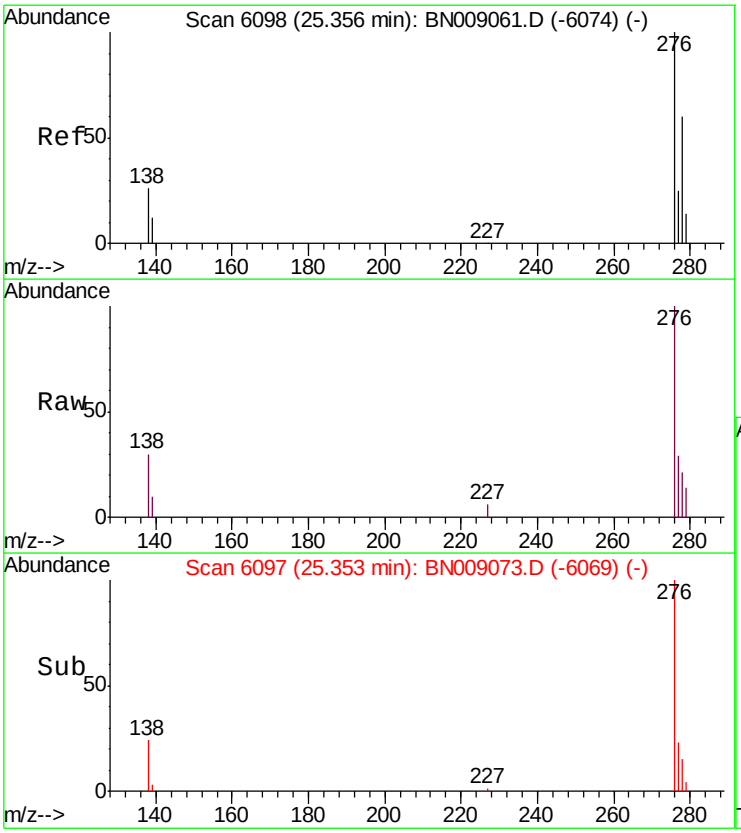
#23
Benzo(a)pyrene
Concen: 0.215 ng/ul
RT: 23.16 min Scan# 5363
Delta R.T. -0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Instrument :
BNA_N
ClientSampleId :
C0BX1DL

Tgt Ion:252 Resp: 7478

Ion	Ratio	Lower	Upper
252	100		
253	31.2	20.2	30.4#
125	25.1	13.2	19.8#

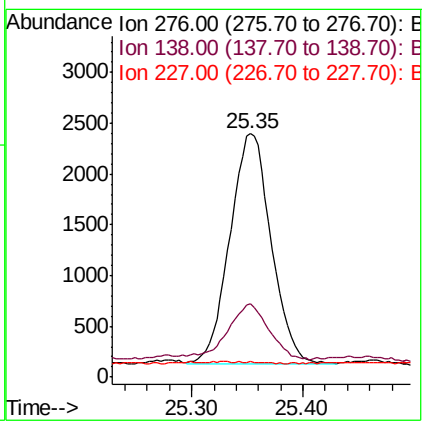


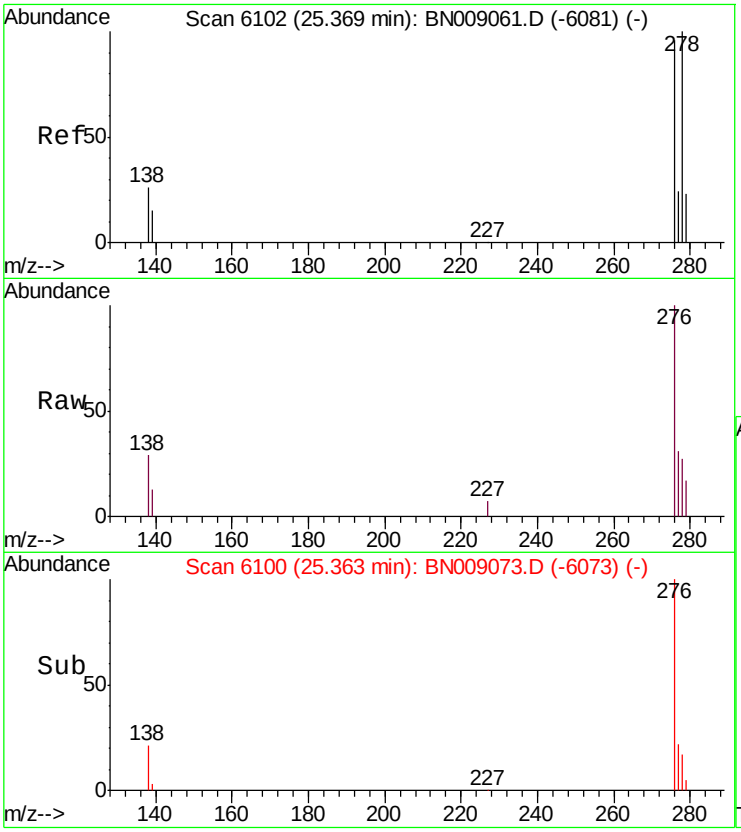


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng/ul
RT: 25.35 min Scan# 6097
Delta R.T. -0.01 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Tgt Ion:276 Resp: 5823

Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.4	33.6
227	0.1	0.2	0.4#



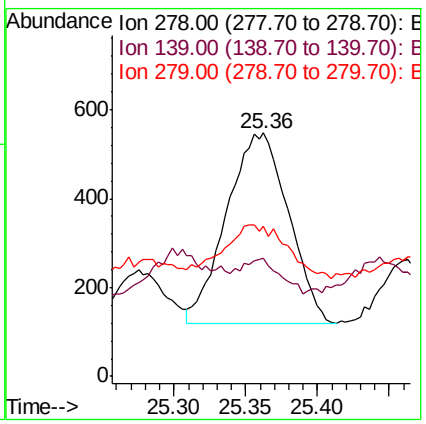


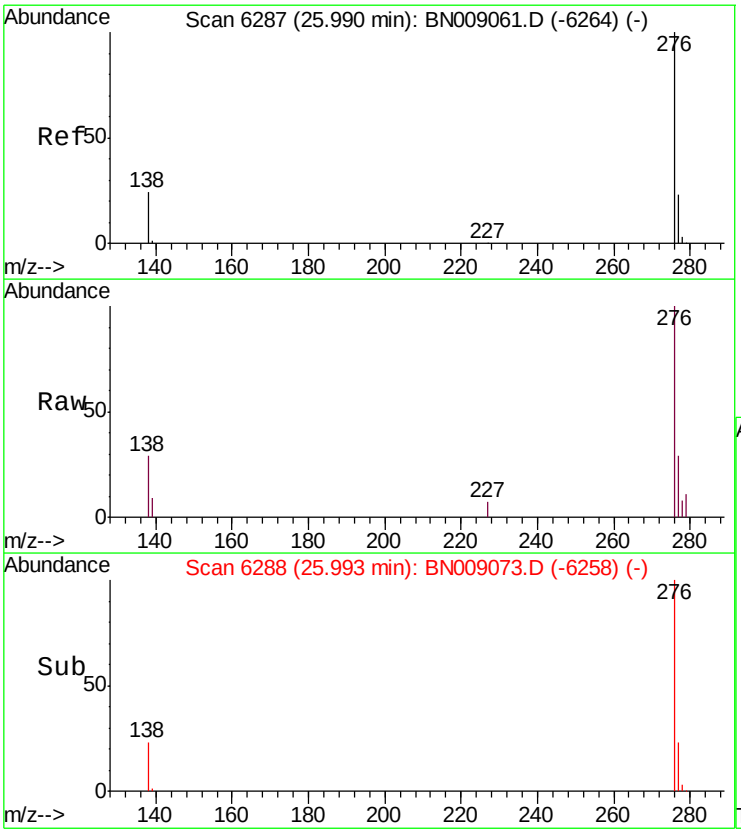
#25
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 25.36 min Scan# 6100
Delta R.T. -0.01 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Instrument :
BNA_N
ClientSampleId :
C0BX1DL

Tgt Ion:278 Resp: 1280

Ion	Ratio	Lower	Upper
278	100		
139	48.7	16.2	24.2#
279	61.5	20.3	30.5#





#26
Benzo(g,h,i)perylene
Concen: 0.184 ng/ul
RT: 25.99 min Scan# 6288
Delta R.T. 0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Tgt Ion:276 Resp: 5880

Ion	Ratio	Lower	Upper
276	100		
138	29.0	20.6	30.8
277	28.6	19.6	29.4