Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012826.D
Acq On : 02 Dec 2020 18:56
Operator : CG/JU
Sample : L4865-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B67

Quant Time: Dec 03 00:19:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:19:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	716	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	2886	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1680	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3552	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	2910	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3135	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1119	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2567	0.28	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.87	178	1381	0.112	ng/ul	93
13) Anthracene	16.96	178	271	0.025	ng/ul#	59
15) Fluoranthene	18.90	202	5914	0.414	ng/ul	99
17) Pyrene	19.26	202	5893	0.453	ng/ul#	94
18) Benzo(a)anthracene	21.03	228	2946	0.283	ng/ul	99
19) Chrysene	21.09	228	4126	0.317	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	8404	0.583	ng/ul	95
22) Benzo(k)fluoranthene	22.54	252	8404	0.505	ng/ul#	94
23) Benzo(a)pyrene	23.07	252	3739	0.275	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.23	276	2915	0.164	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.24	278	666	0.047	ng/ul#	39
26) Benzo(g,h,i)perylene	25.85	276	2751	0.172	ng/ul	94

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

Quantitation Report (Not Reviewed)

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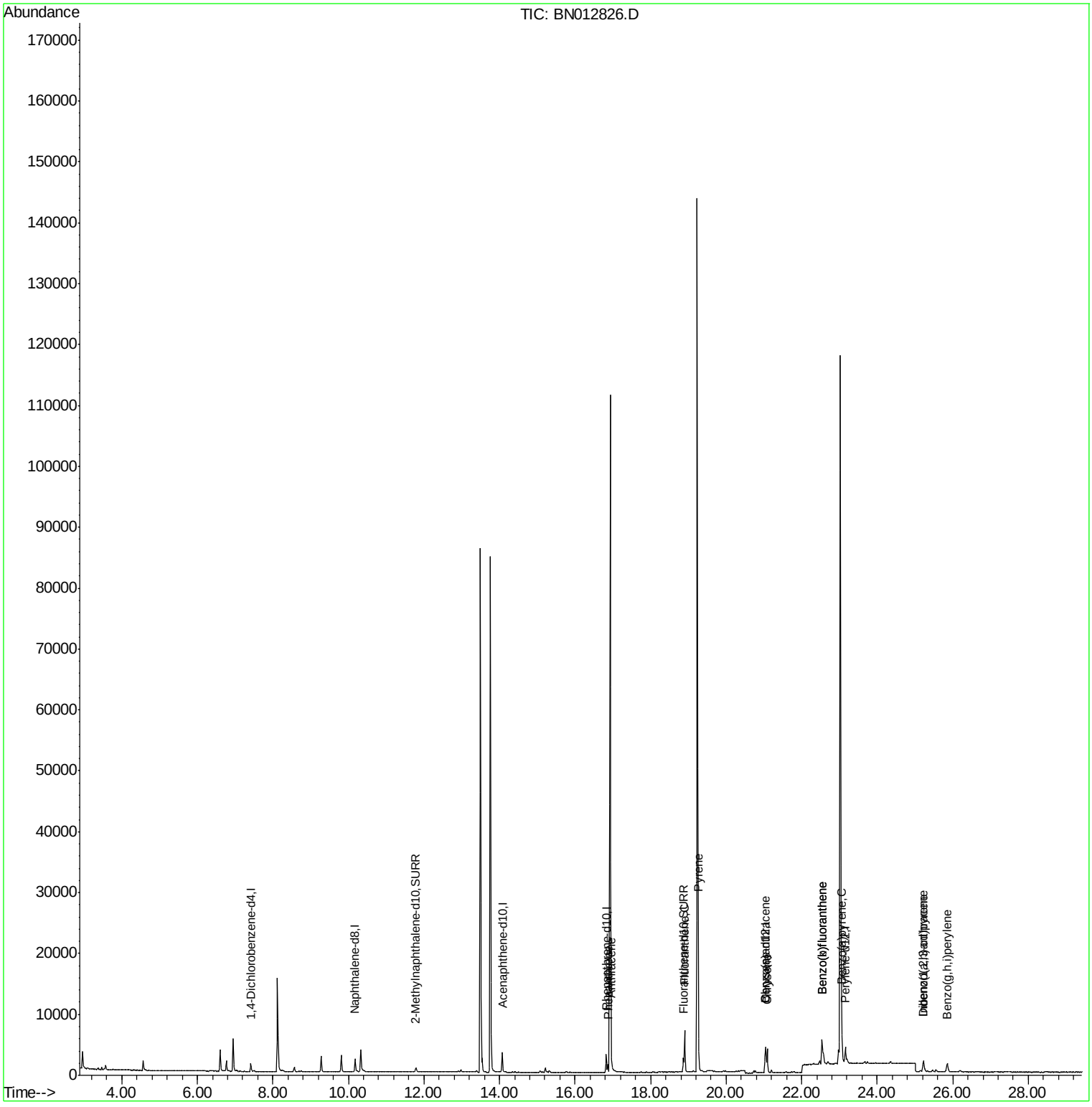
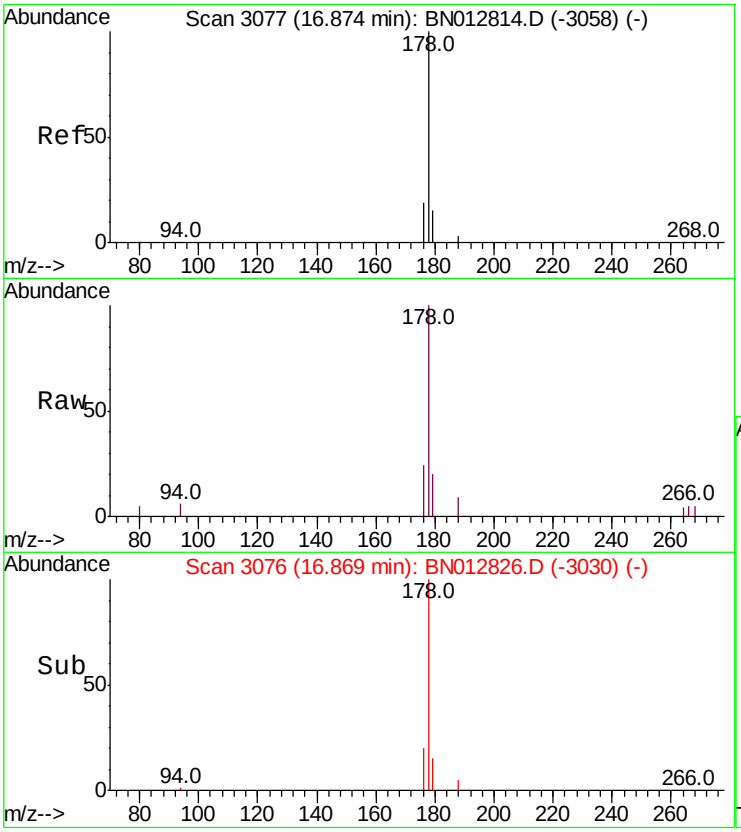
Operator : CG/JU
Sample : L4865-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B67

Quant Time: Dec 03 00:19:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:19:27 2020
Response via : Initial Calibration



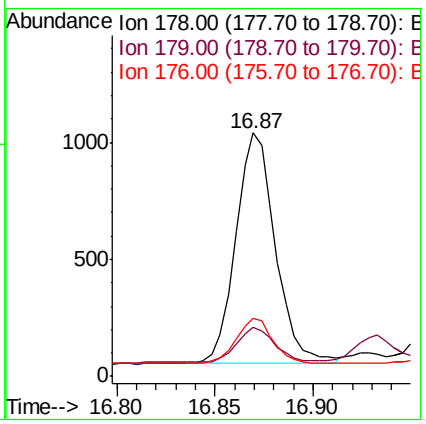


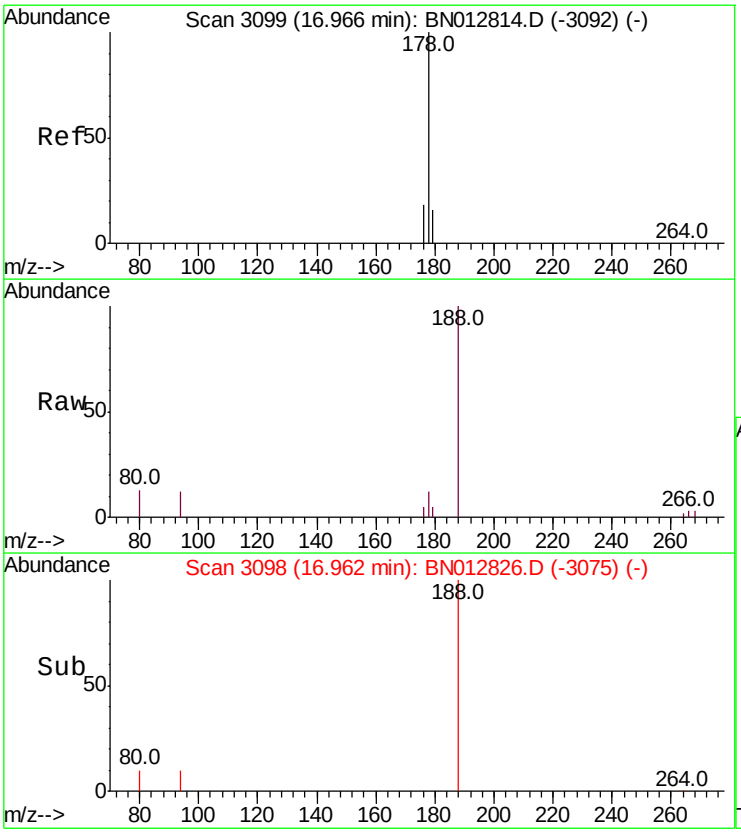
#12
Phenanthrene
Concen: 0.112 ng/ul
RT: 16.87 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Instrument :
BNA_N
ClientSampleId :
C0B67

Tgt Ion:178 Resp: 1381

Ion	Ratio	Lower	Upper
178	100		
179	20.4	13.8	20.6
176	23.8	16.7	25.1

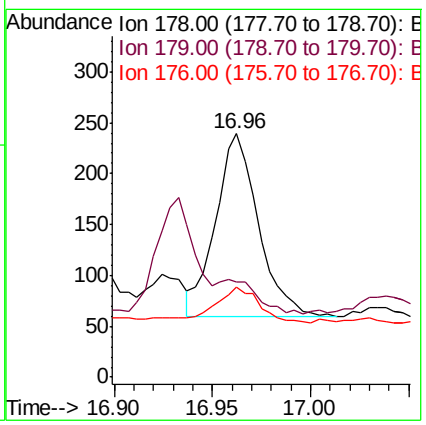


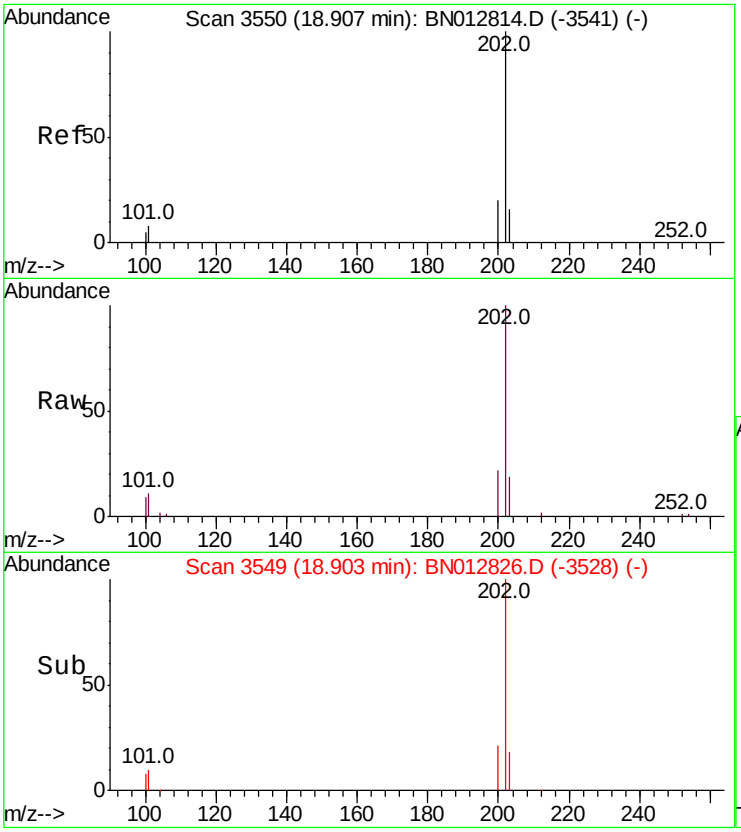


#13
Anthracene
Concen: 0.025 ng/ul
RT: 16.96 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Tgt Ion:178 Resp: 271

Ion	Ratio	Lower	Upper
178	100		
179	39.3	14.8	22.2#
176	36.8	16.3	24.5#



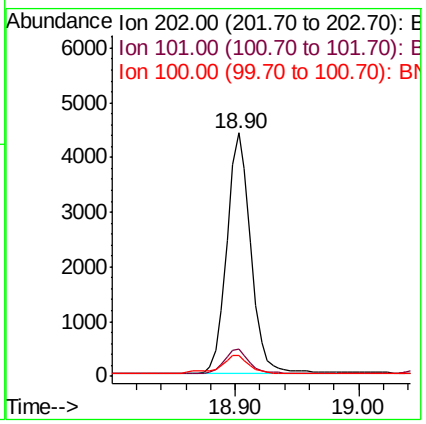


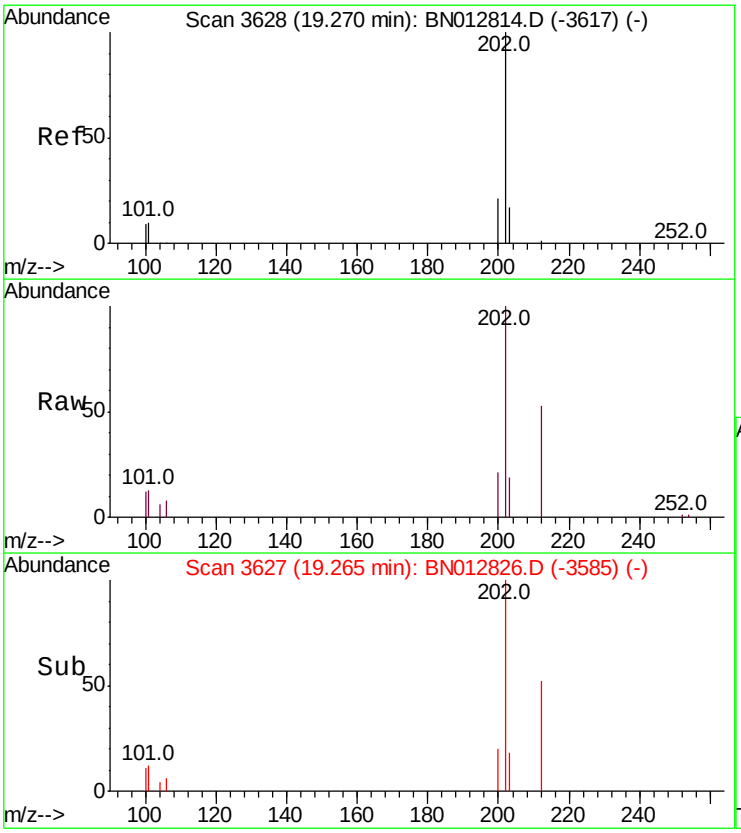
#15
Fluoranthene
Concen: 0.414 ng/ul
RT: 18.90 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Instrument :
BNA_N
ClientSampleId :
C0B67

Tgt Ion:202 Resp: 5914

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.5
100	8.6	0.0	28.4

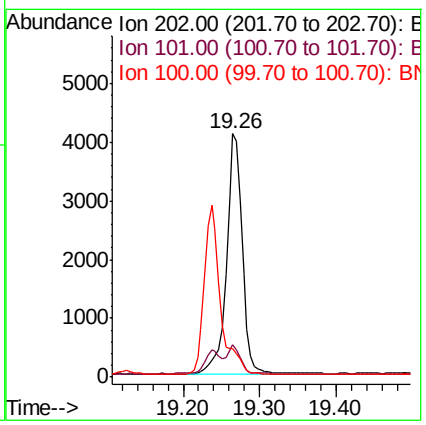


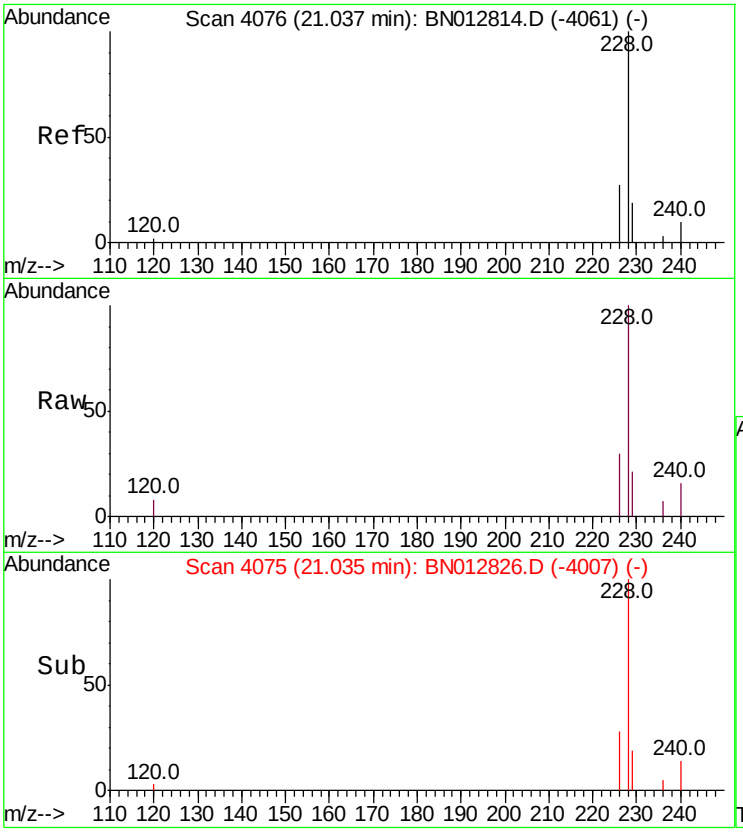


#17
Pyrene
Concen: 0.453 ng/ul
RT: 19.26 min Scan# 3627
Delta R.T. -0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Tgt Ion:202 Resp: 5893

Ion	Ratio	Lower	Upper
202	100		
101	13.3	8.9	13.3
100	11.7	7.4	11.2#



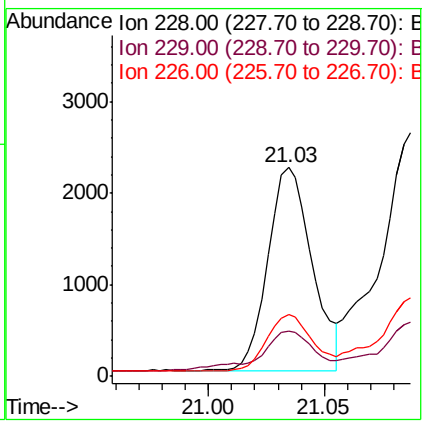


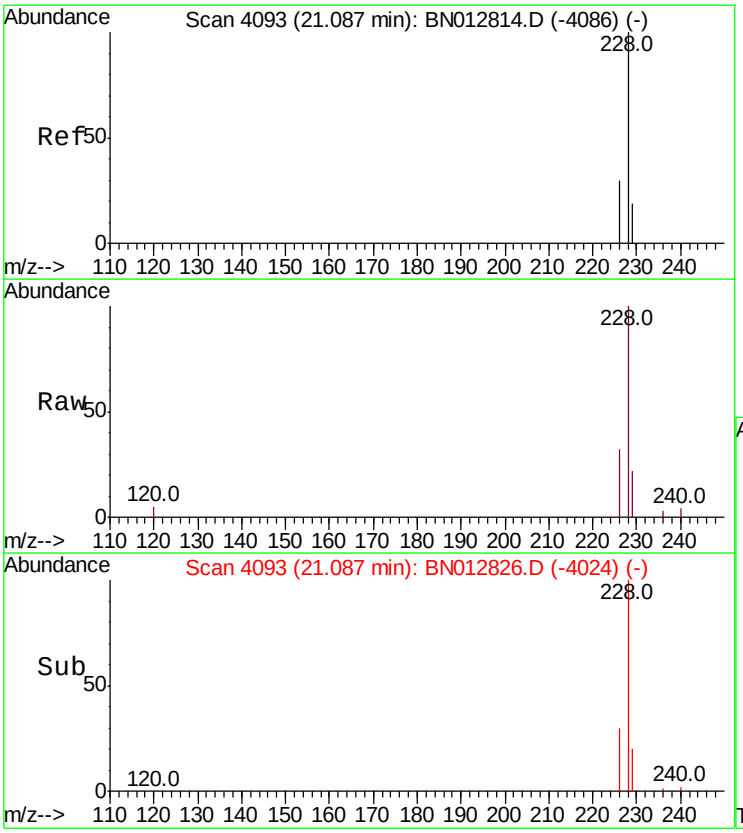
#18
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.03 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Instrument :
BNA_N
ClientSampleId :
C0B67

Tgt Ion:228 Resp: 2946

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.9	25.3
226	29.7	23.1	34.7

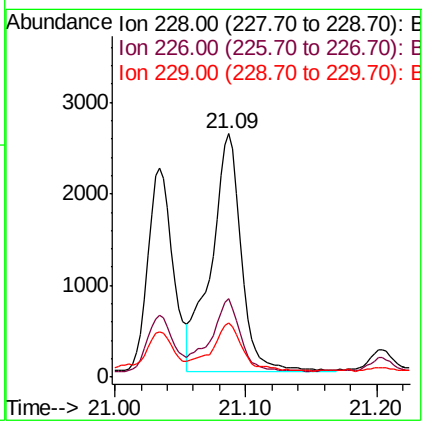


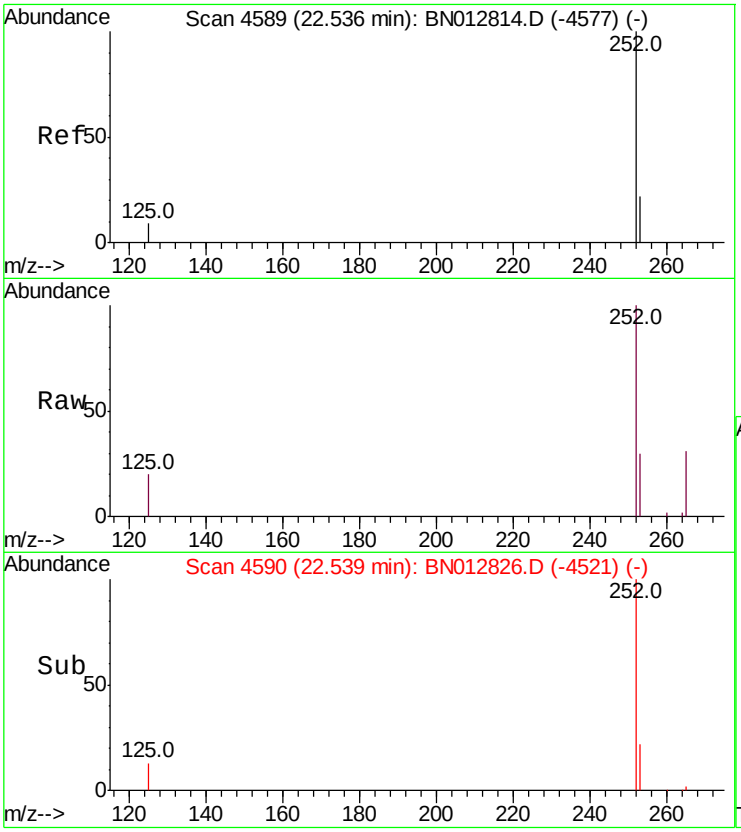


#19
Chrysene
Concen: 0.317 ng/ul
RT: 21.09 min Scan# 4093
Delta R.T. 0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Tgt Ion:228 Resp: 4126

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.4	36.6
229	22.1	16.1	24.1



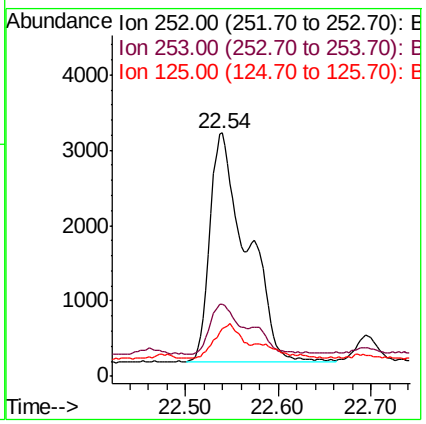


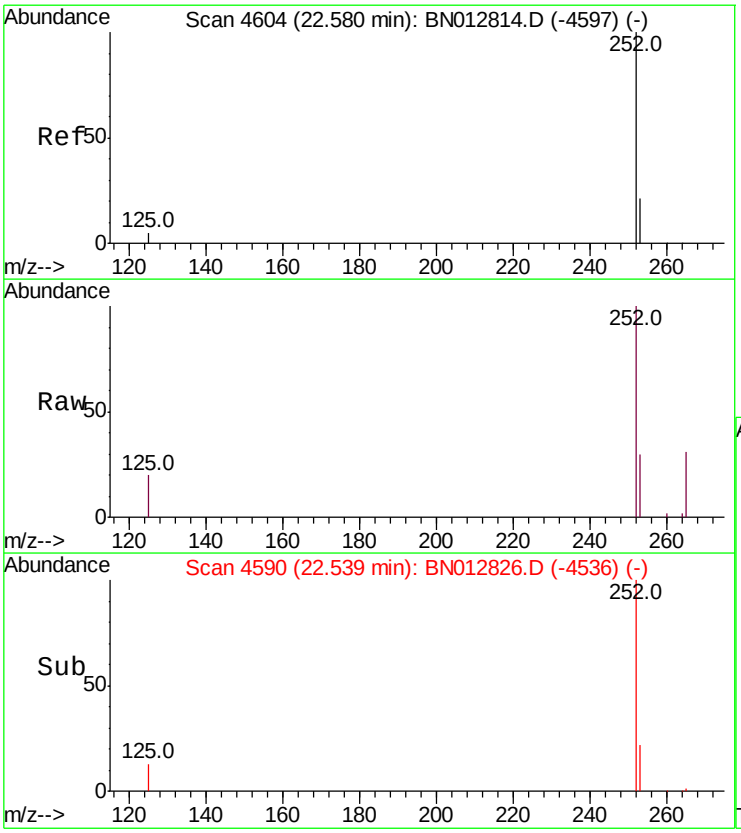
#21
Benzo(b)fluoranthene
Concen: 0.583 ng/ul
RT: 22.54 min Scan# 4590
Delta R.T. 0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Instrument :
BNA_N
ClientSampleId :
C0B67

Tgt Ion:252 Resp: 8404

Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	58.4
125	19.6	0.0	28.6

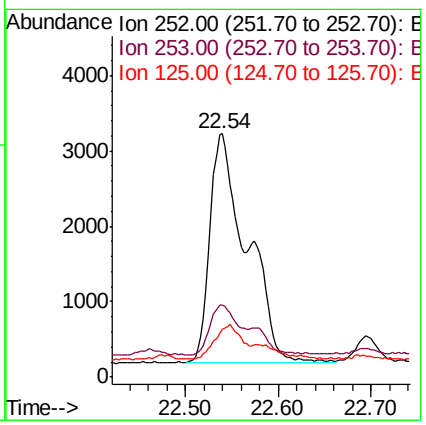


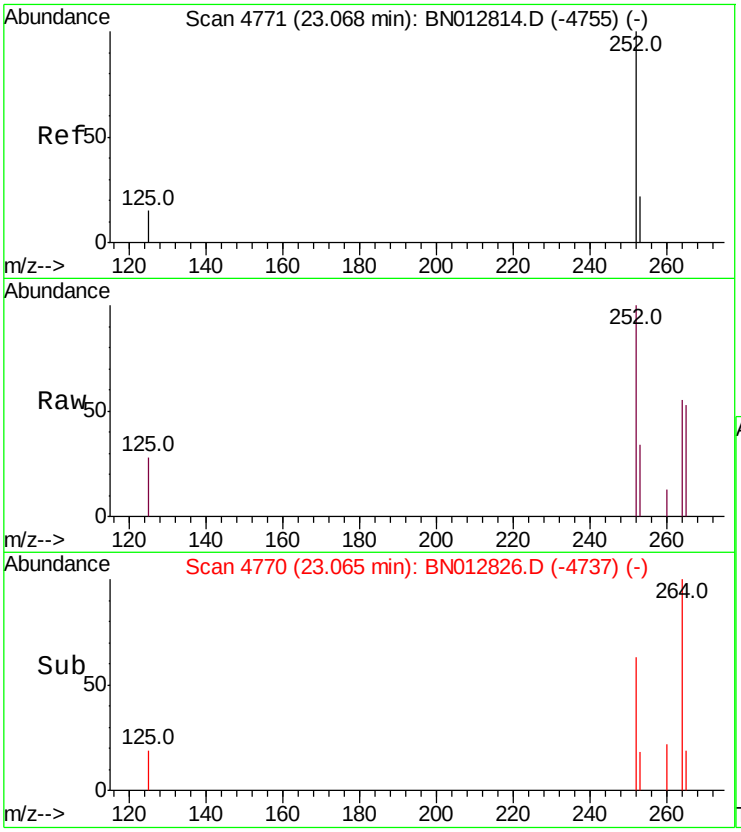


#22
Benzo(k)fluoranthene
Concen: 0.505 ng/ul
RT: 22.54 min Scan# 4590
Delta R.T. -0.04 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Tgt Ion:252 Resp: 8404

Ion	Ratio	Lower	Upper
252	100		
253	29.8	23.4	35.2
125	19.6	10.2	15.2#



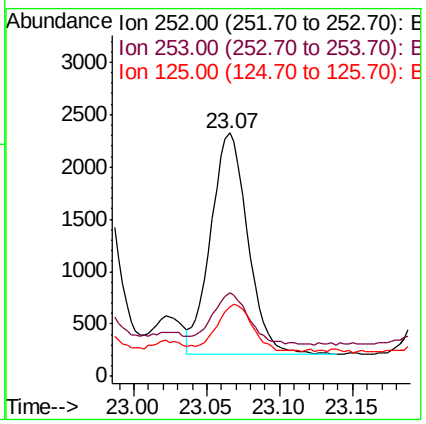


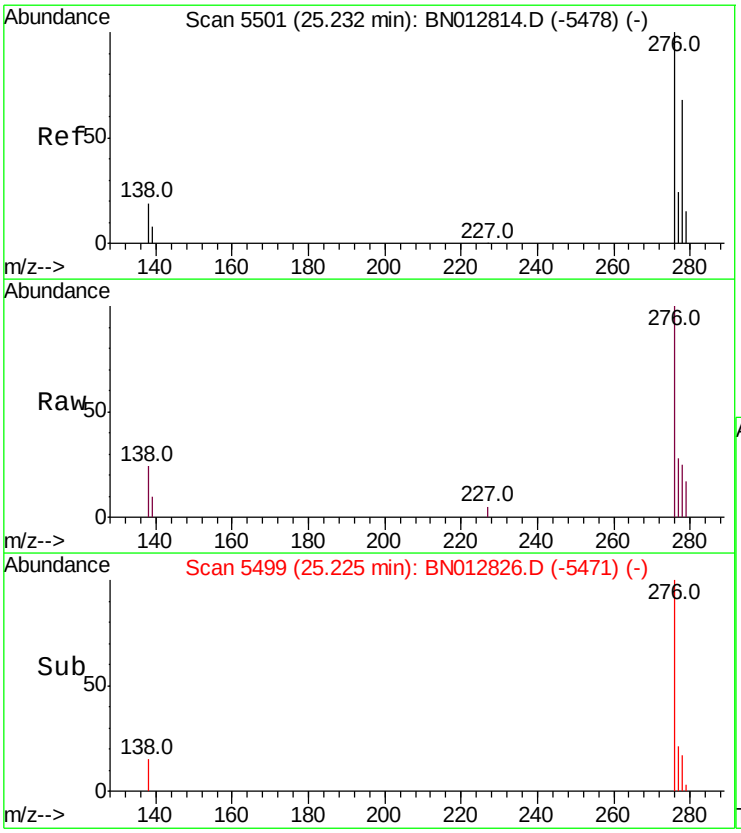
#23
Benzo(a)pyrene
Concen: 0.275 ng/ul
RT: 23.07 min Scan# 4770
Delta R.T. -0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Instrument :
BNA_N
ClientSampleId :
C0B67

Tgt Ion:252 Resp: 3739

Ion	Ratio	Lower	Upper
252	100		
253	34.3	27.6	41.4
125	28.3	17.0	25.4#

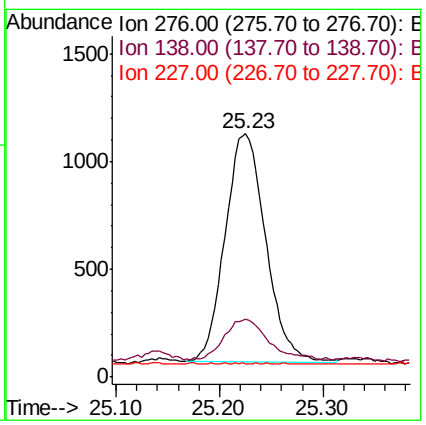


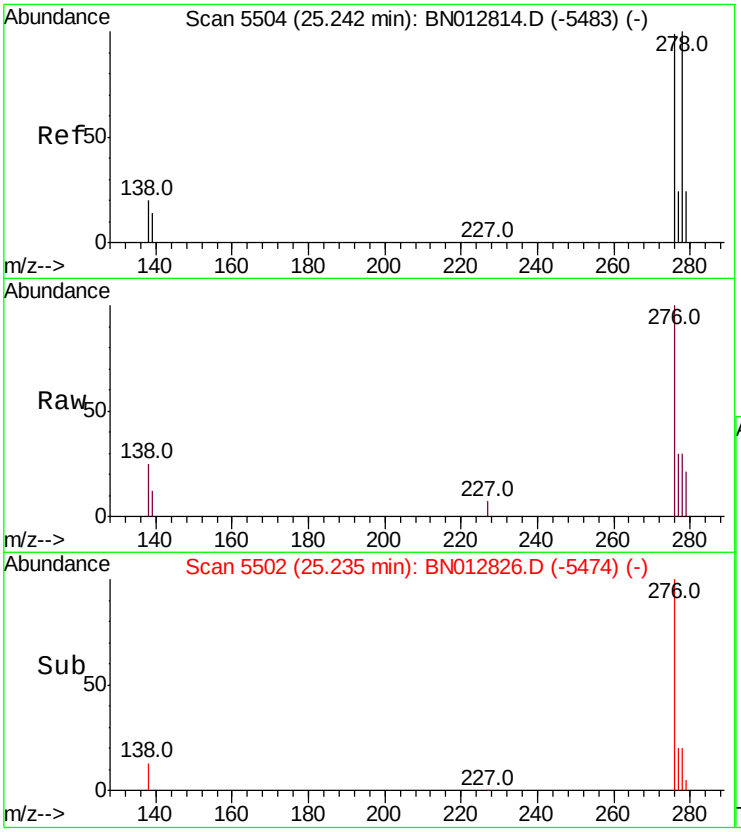


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 25.23 min Scan# 5499
Delta R.T. -0.01 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Tgt Ion:276 Resp: 2915

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.5	24.7
227	0.1	0.1	0.1#



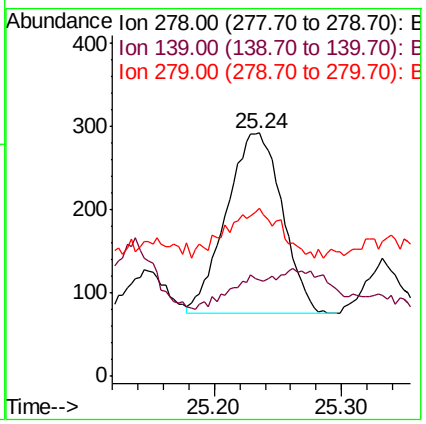


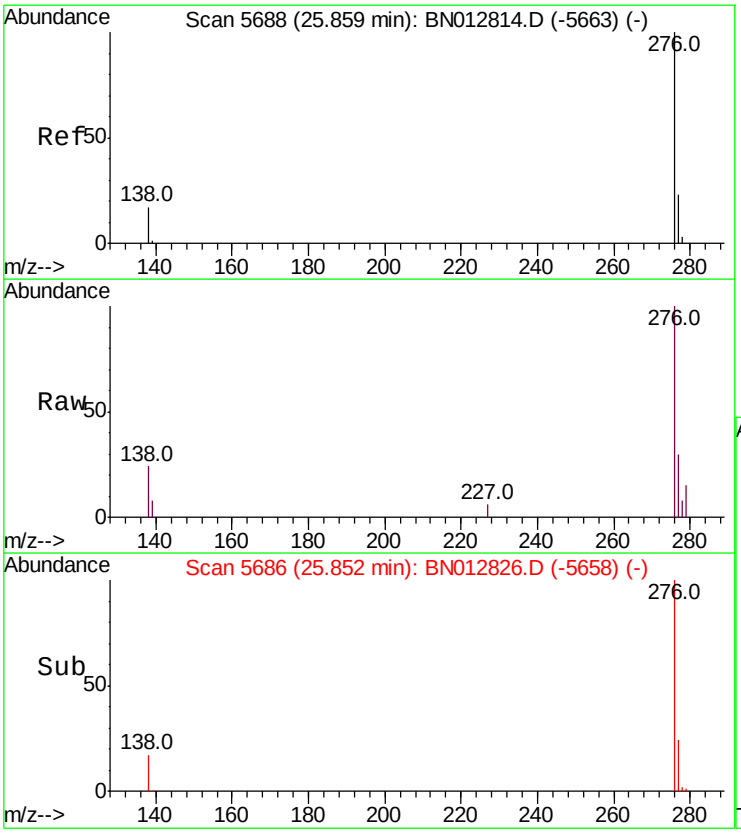
#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.24 min Scan# 5502
Delta R.T. -0.01 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Instrument :
BNA_N
ClientSampleId :
C0B67

Tgt Ion:278 Resp: 666

Ion	Ratio	Lower	Upper
278	100		
139	39.7	13.8	20.8#
279	69.2	25.6	38.4#





#26
Benzo(g,h,i)perylene
Concen: 0.172 ng/ul
RT: 25.85 min Scan# 5686
Delta R.T. -0.01 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Tgt Ion:276 Resp: 2751

Ion	Ratio	Lower	Upper
276	100		
138	23.8	16.3	24.5
277	29.8	21.8	32.8