Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012982.D
Acq On : 08 Dec 2020 19:05
Operator : CG/JU
Sample : L4859-07DL2 4X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BD0DL

Quant Time: Dec 09 00:14:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:11:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1055	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4240	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2316	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4658	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3169	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	2925	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	224	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	479	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.76	152	450	0.041	ng/ul#	78
9) Fluorene	15.11	166	222	0.022	ng/ul#	94
12) Phenanthrene	16.85	178	6024	0.386	ng/ul	99
13) Anthracene	16.94	178	912	0.069	ng/ul#	92
15) Fluoranthene	18.88	202	14453	0.779	ng/ul	96
17) Pyrene	19.25	202	12591	0.841	ng/ul	99
18) Benzo(a)anthracene	21.02	228	4737	0.361	ng/ul	98
19) Chrysene	21.07	228	5278	0.364	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	9309	0.688	ng/ul	96
22) Benzo(k)fluoranthene	22.52	252	9309	0.622	ng/ul	97
23) Benzo(a)pyrene	22.95	252	1851	0.147	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.18	276	3017	0.183	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	692	0.053	ng/ul#	45
26) Benzo(g,h,i)perylene	25.82	276	2693	0.181	ng/ul#	93

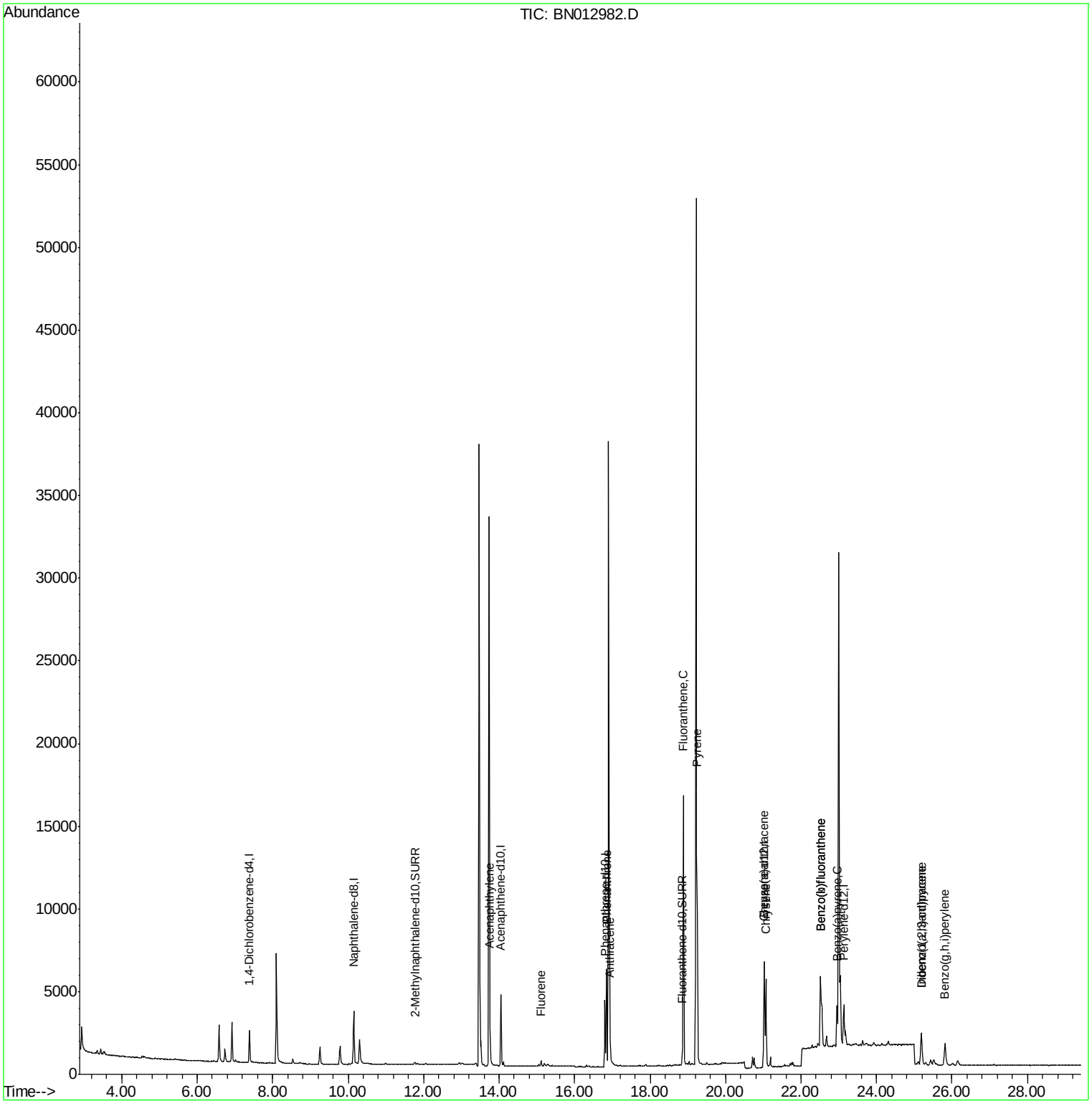
(#) = qualifier out of range (m) = manual integration (+) = signals summed

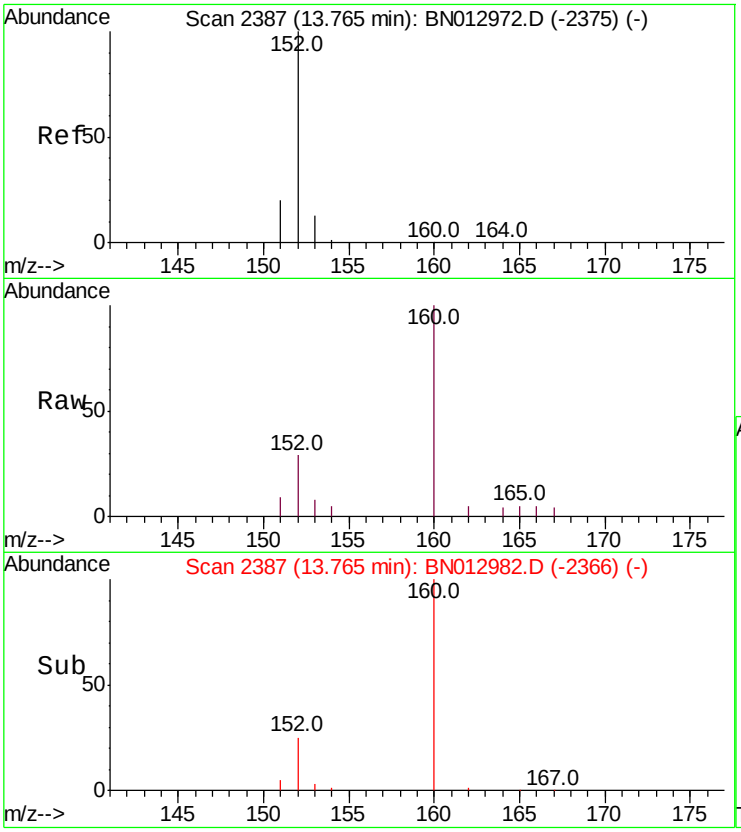
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012982.D
Acq On : 08 Dec 2020 19:05
Operator : CG/JU
Sample : L4859-07DL2 4X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BD0DL

Quant Time: Dec 09 00:14:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:11:42 2020
Response via : Initial Calibration



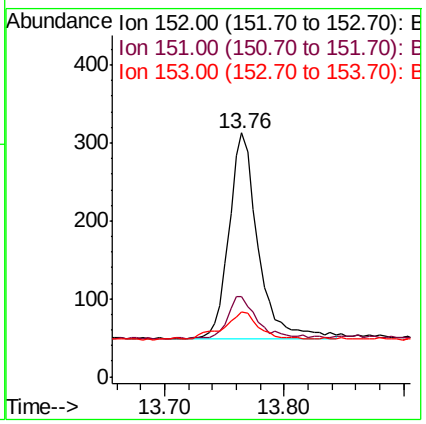


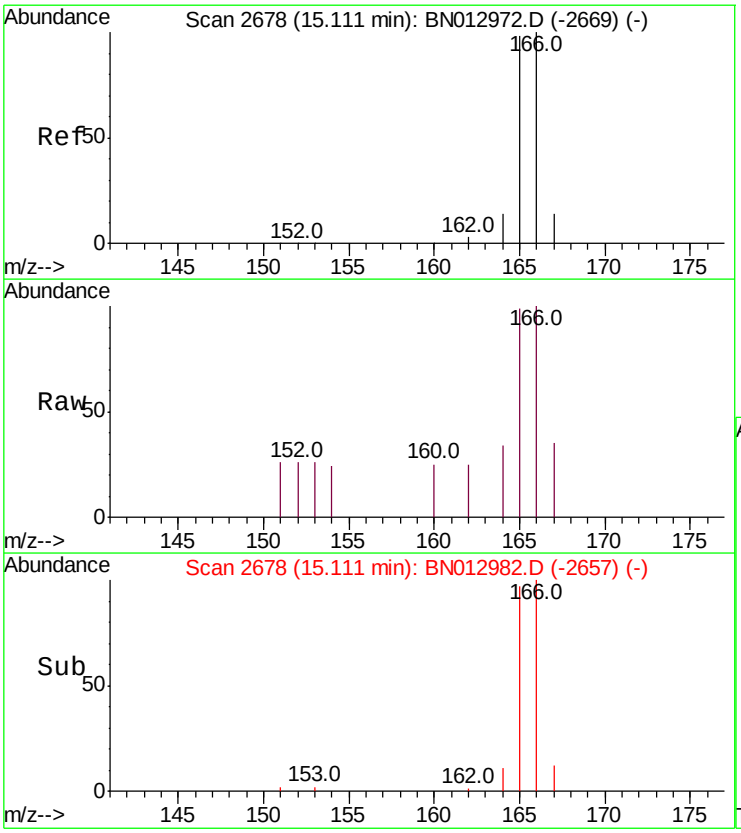
#7
Acenaphthylene
Concen: 0.041 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
C0BD0DL

Tgt Ion:152 Resp: 450

Ion	Ratio	Lower	Upper
152	100		
151	32.9	18.2	27.4#
153	26.5	13.1	19.7#

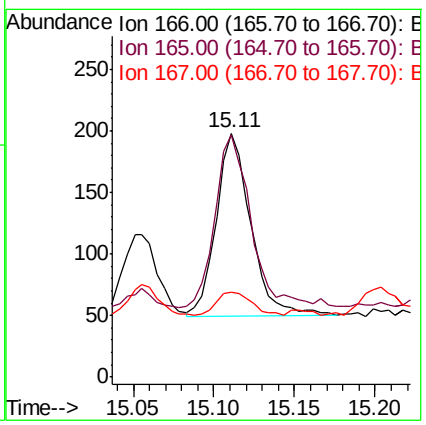


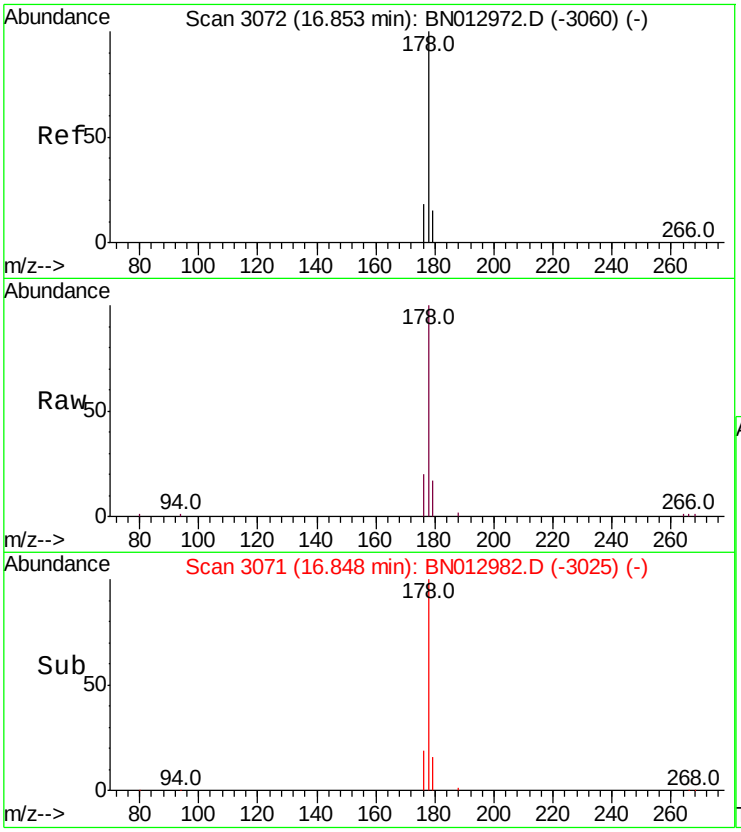


#9
Fluorene
Concen: 0.022 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Tgt Ion:166 Resp: 222

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	34.8	13.8	20.8#



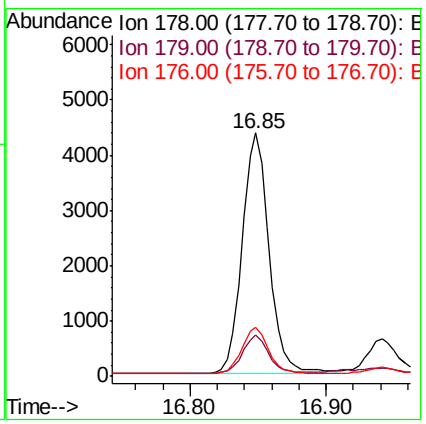


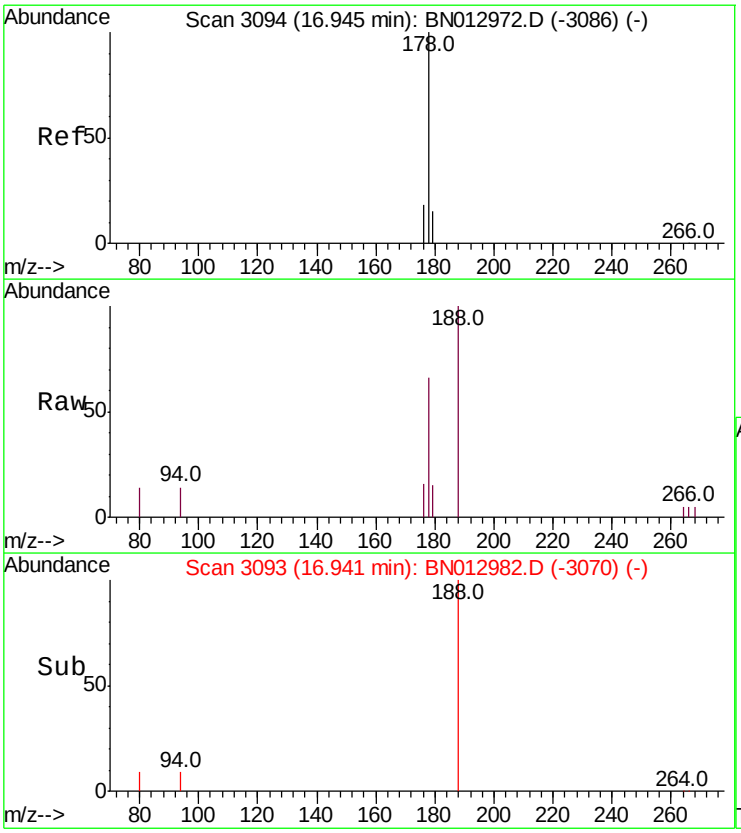
#12
Phenanthrene
Concen: 0.386 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
C0BD0DL

Tgt Ion:178 Resp: 6024

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.6	20.4
176	20.2	16.4	24.6

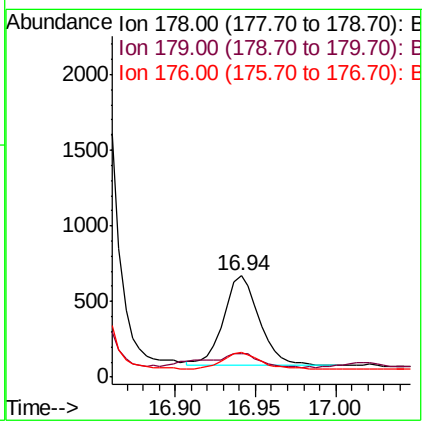


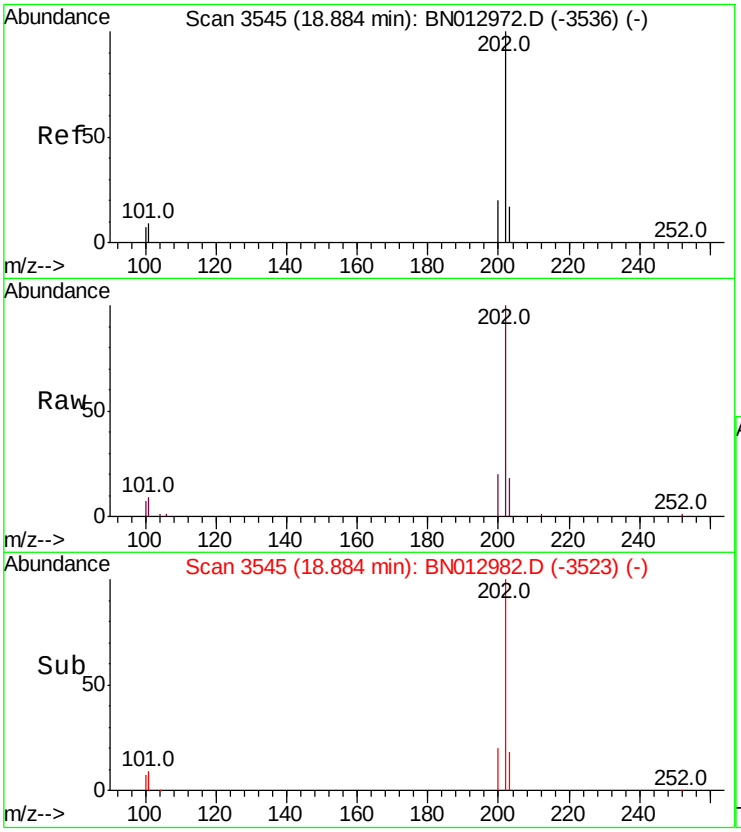


#13
Anthracene
Concen: 0.069 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Tgt Ion:178 Resp: 912

Ion	Ratio	Lower	Upper
178	100		
179	23.1	14.6	21.8#
176	24.1	17.1	25.7



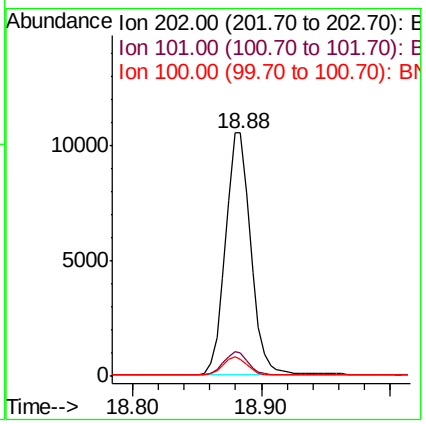


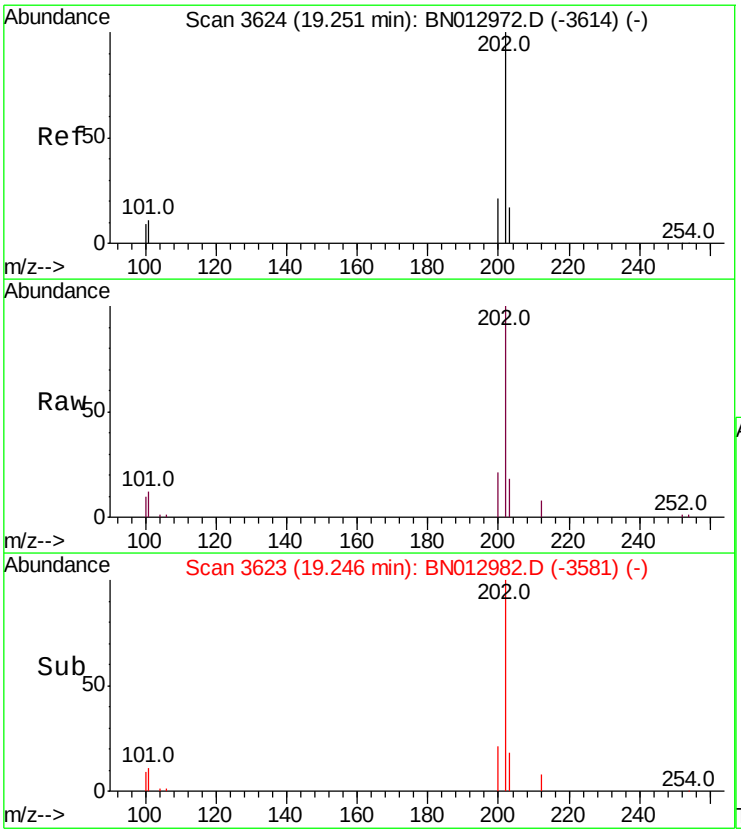
#15
Fluoranthene
Concen: 0.779 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
C0BD0DL

Tgt Ion:202 Resp: 14453

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.6
100	7.1	0.0	28.7

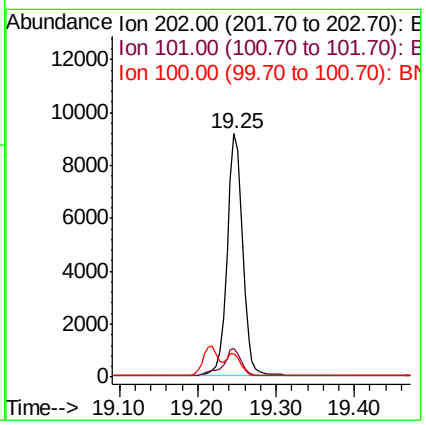


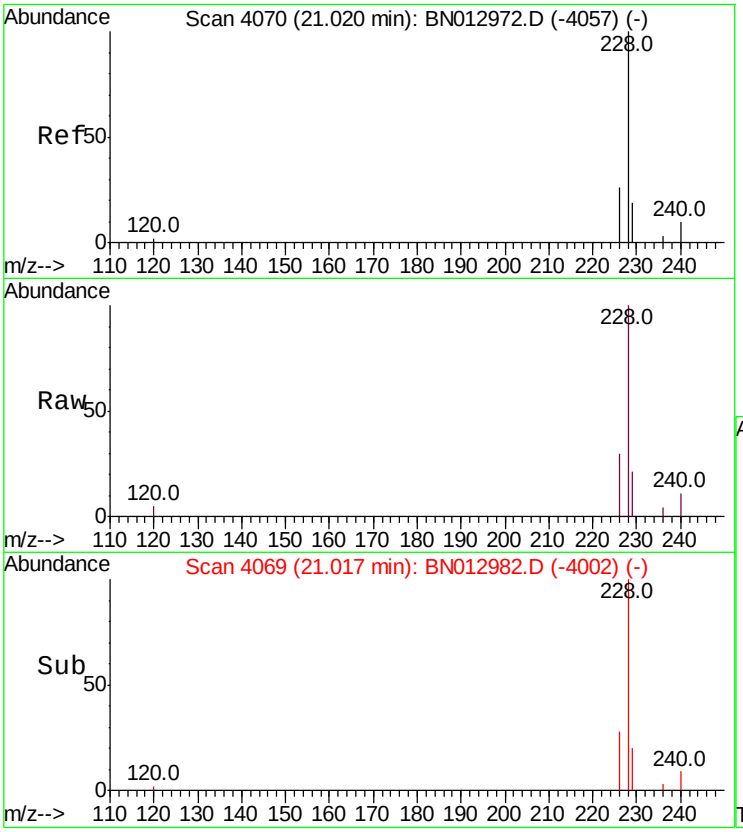


#17
Pyrene
Concen: 0.841 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Tgt Ion:202 Resp: 12591

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
100	9.8	7.5	11.3



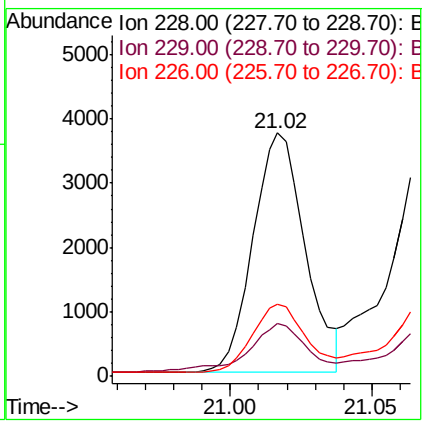


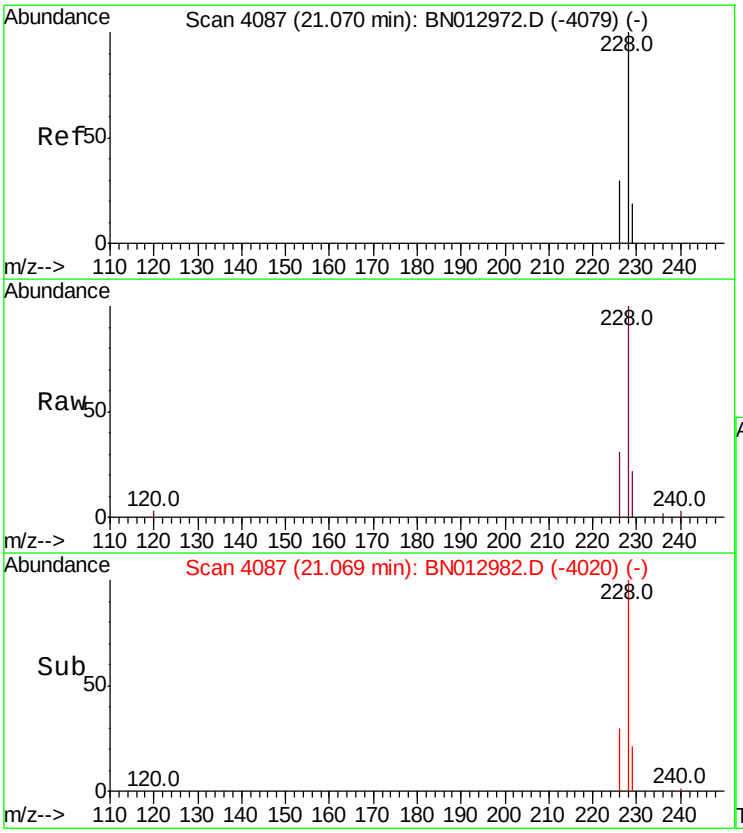
#18
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.00 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
C0BD0DL

Tgt Ion:228 Resp: 4737

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.3	24.5
226	29.8	23.4	35.2

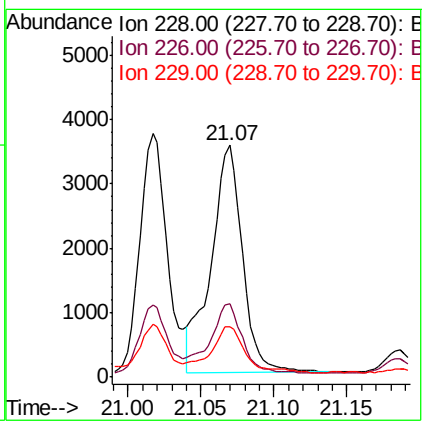


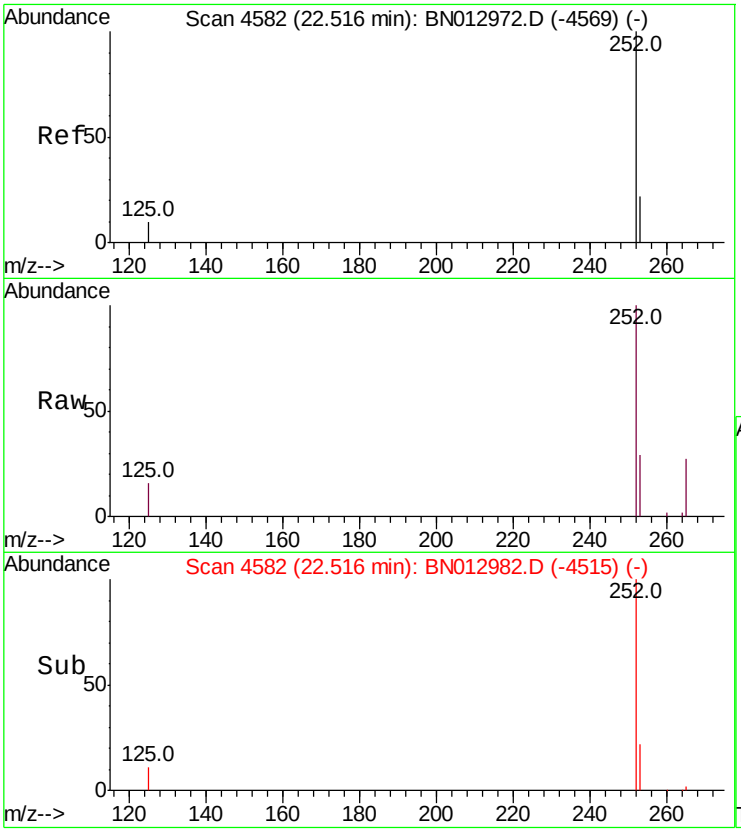


#19
Chrysene
Concen: 0.364 ng/ul
RT: 21.07 min Scan# 4087
Delta R.T. -0.00 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Tgt Ion:228 Resp: 5278

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	21.9	16.4	24.6



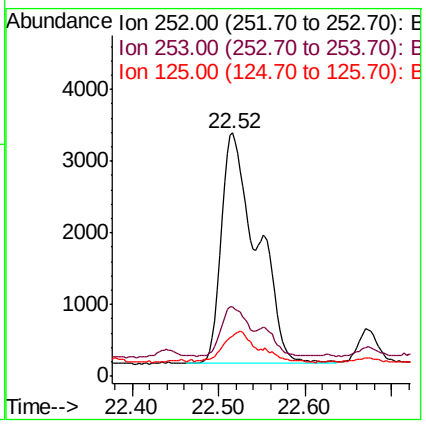


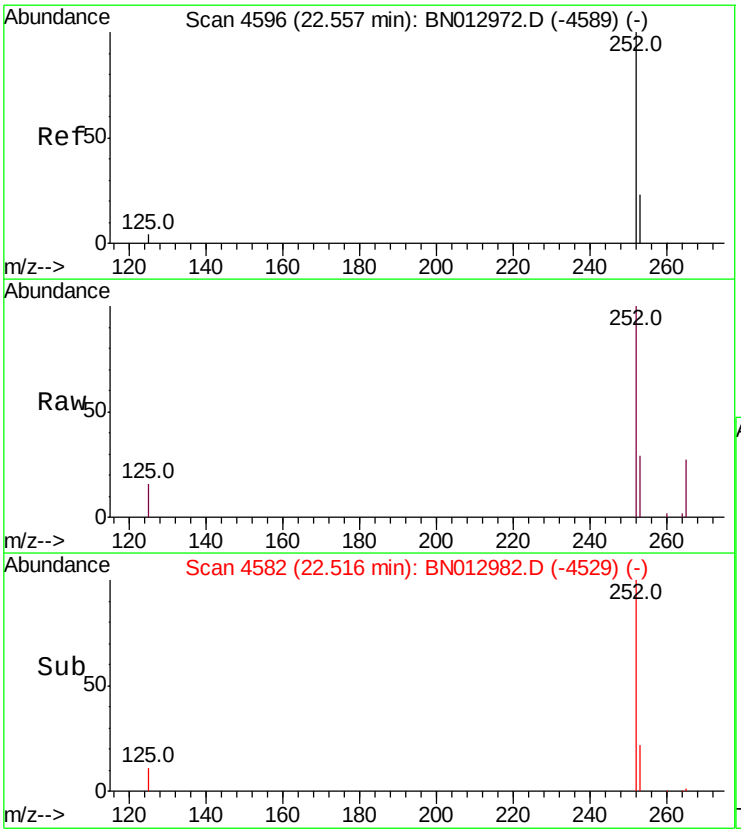
#21
Benzo(b)fluoranthene
Concen: 0.688 ng/ul
RT: 22.52 min Scan# 4582
Delta R.T. -0.00 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
C0BD0DL

Tgt Ion:252 Resp: 9309

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	59.6
125	16.3	0.0	26.0

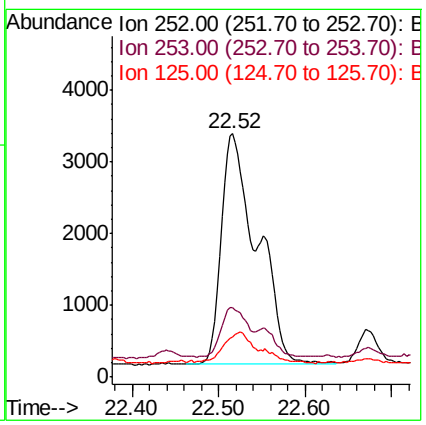


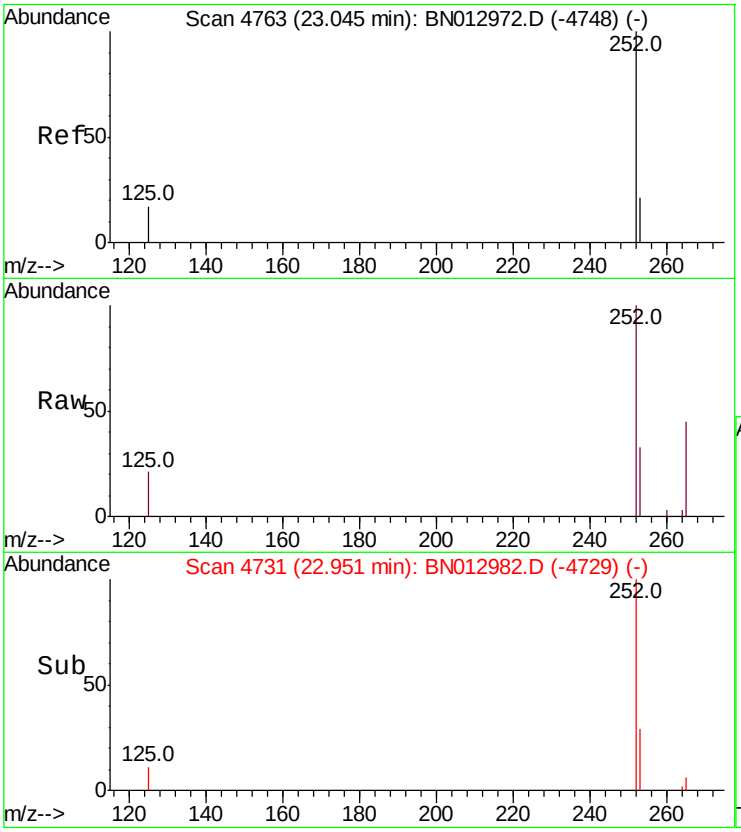


#22
Benzo(k)fluoranthene
Concen: 0.622 ng/ul
RT: 22.52 min Scan# 4582
Delta R.T. -0.04 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Tgt Ion:252 Resp: 9309

Ion	Ratio	Lower	Upper
252	100		
253	28.8	23.4	35.2
125	16.3	11.1	16.7



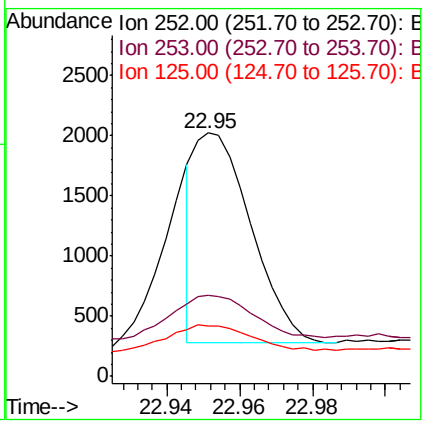


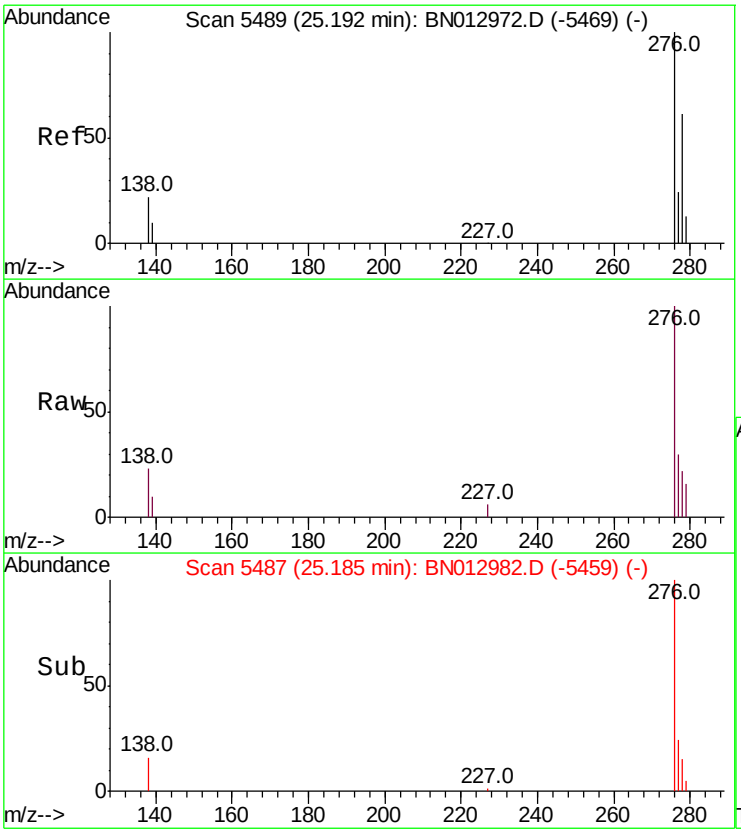
#23
Benzo(a)pyrene
Concen: 0.147 ng/ul
RT: 22.95 min Scan# 4731
Delta R.T. -0.09 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
C0BD0DL

Tgt Ion:252 Resp: 1851

Ion	Ratio	Lower	Upper
252	100		
253	33.3	26.5	39.7
125	20.6	14.2	21.2

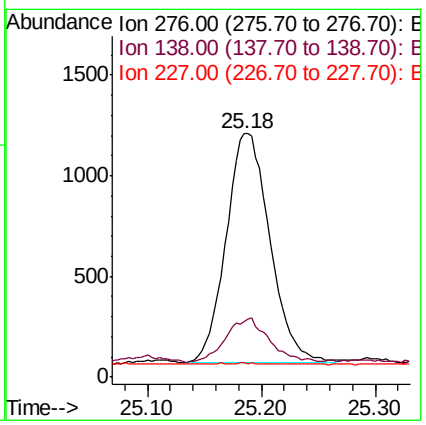


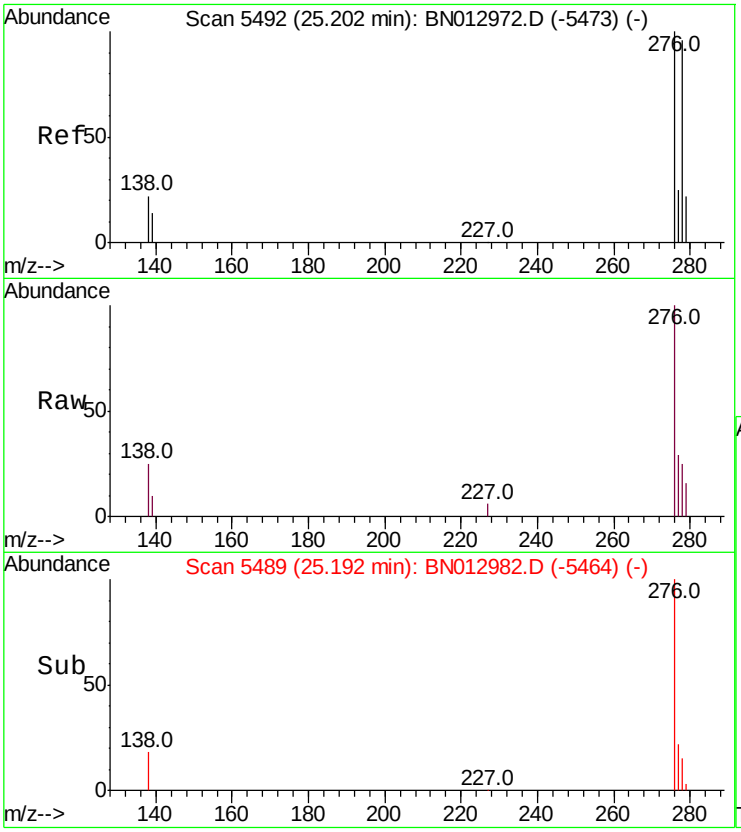


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.183 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Tgt Ion:276 Resp: 3017

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.2	24.2
227	0.3	0.0	0.0#



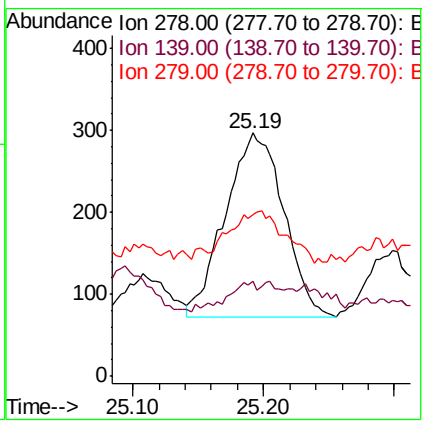


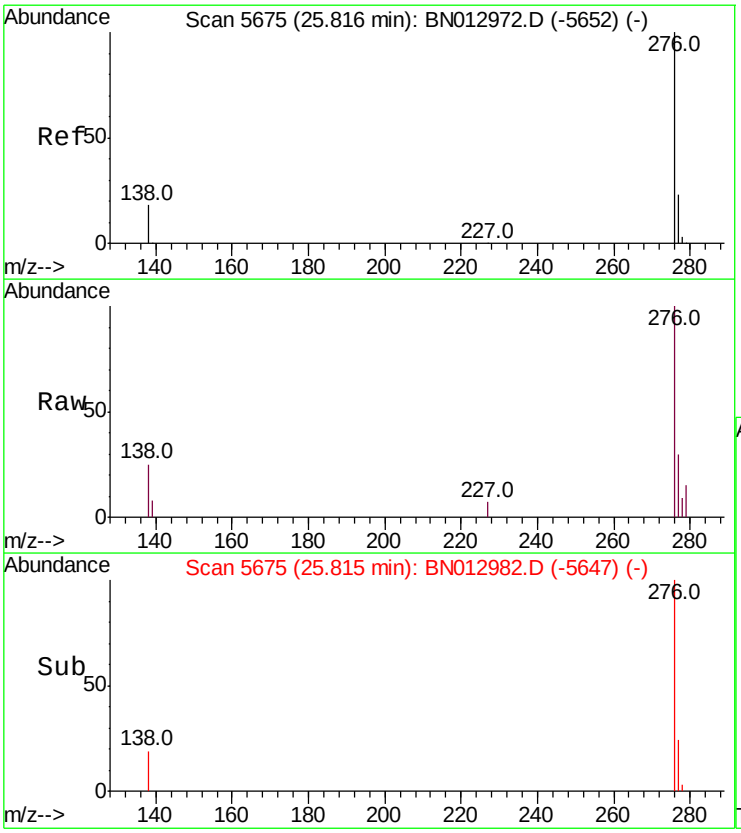
#25
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
C0BD0DL

Tgt Ion:278 Resp: 692

Ion	Ratio	Lower	Upper
278	100		
139	39.1	14.5	21.7#
279	66.3	26.3	39.5#





#26
Benzo(g,h,i)perylene
Concen: 0.181 ng/ul
RT: 25.82 min Scan# 5675
Delta R.T. -0.01 min
Lab File: BN012982.D
Acq: 08 Dec 2020 19:05

Tgt Ion:276 Resp: 2693

Ion	Ratio	Lower	Upper
276	100		
138	25.1	16.3	24.5#
277	29.6	21.8	32.6