Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012986.D
Acq On : 08 Dec 2020 21:29
Operator : CG/JU
Sample : L4859-04DL 10X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B94DL

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Quant Time: Dec 09 00:52:11 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	1228	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4859	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2665	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5349	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3759	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3556	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	161	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	345	0.02	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.76	152	347	0.028	ng/ul#	67
8) Acenaphthene	14.11	153	211	0.020	ng/ul#	91
9) Fluorene	15.11	166	255	0.021	ng/ul#	91
12) Phenanthrene	16.85	178	6562	0.366	ng/ul	98
13) Anthracene	16.94	178	1295	0.085	ng/ul#	96
15) Fluoranthene	18.88	202	19458	0.913	ng/ul	97
17) Pyrene	19.25	202	17206	0.969	ng/ul	99
18) Benzo(a)anthracene	21.01	228	8547	0.550	ng/ul	98
19) Chrysene	21.07	228	9701	0.565	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	12338m	0.750	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	4084m	0.225	ng/ul	
23) Benzo(a)pyrene	23.04	252	7858	0.515	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.18	276	5519	0.275	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	1339	0.084	ng/ul#	65
26) Benzo(g,h,i)perylene	25.81	276	4830	0.266	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012986.D
Acq On : 08 Dec 2020 21:29
Operator : CG/JU
Sample : L4859-04DL 10X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Dec 09 00:52:11 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

Instrument :
BNA_N
ClientSampleId :
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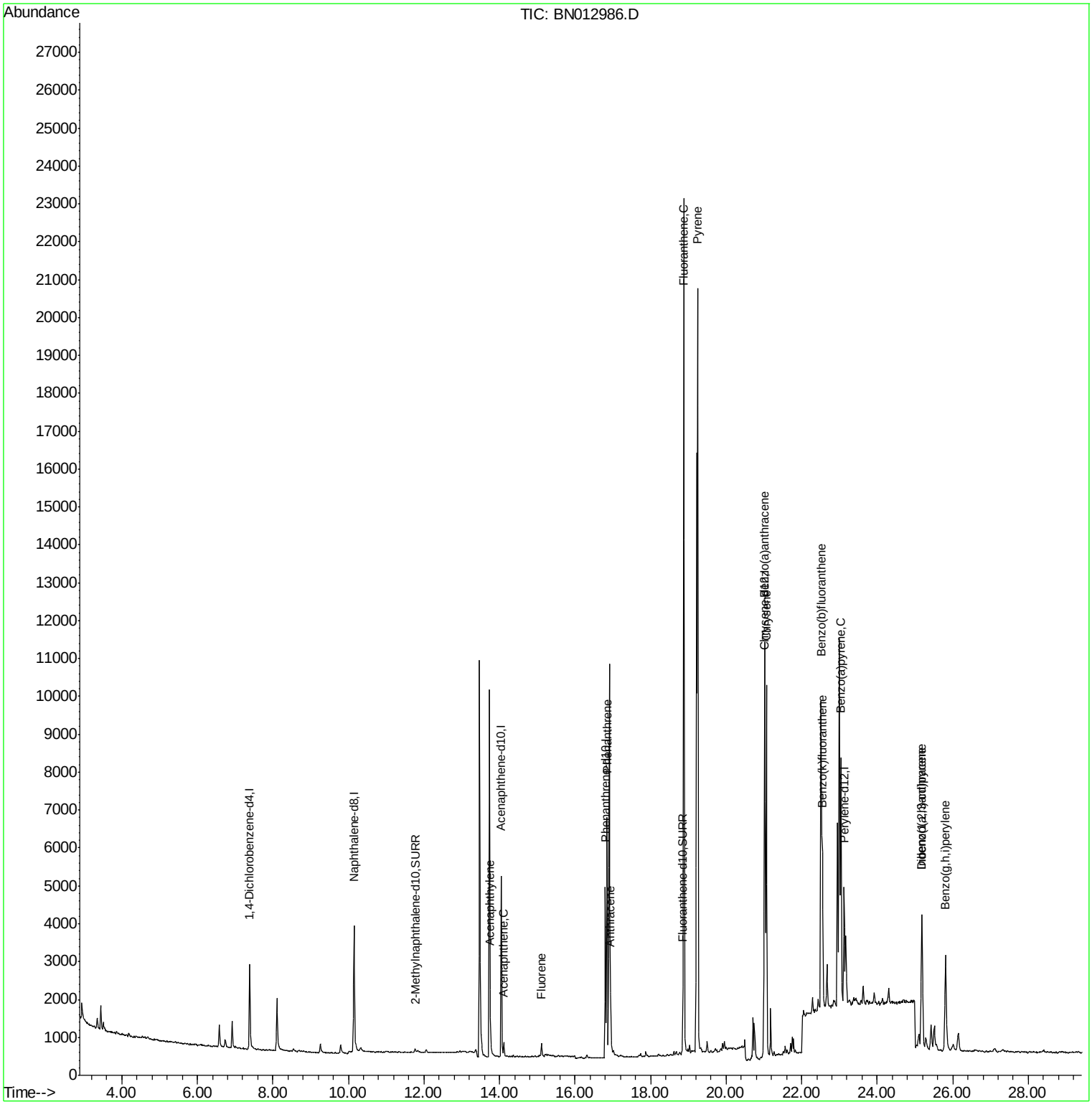

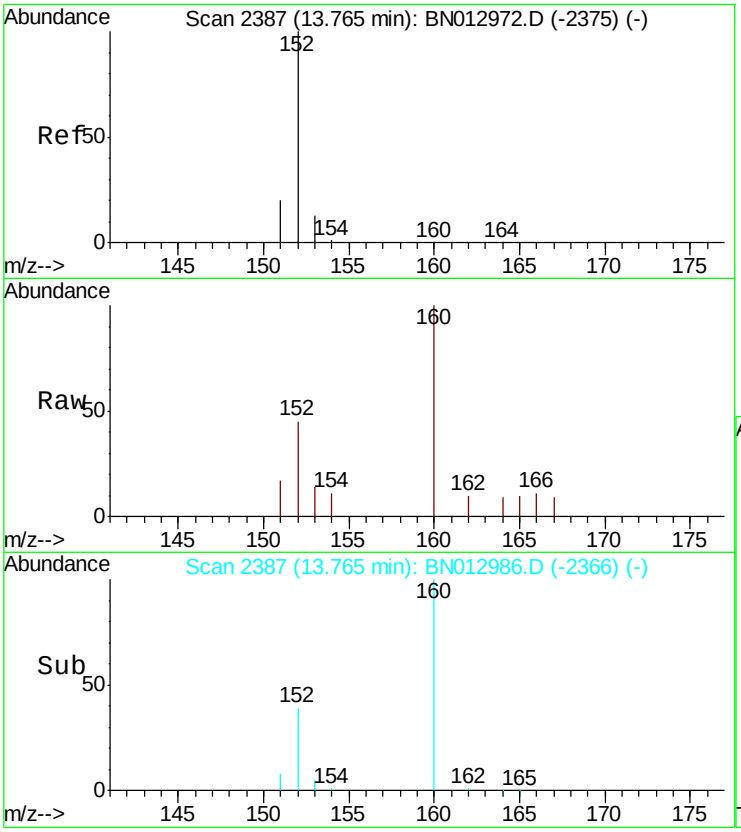

#7
Acenaphthylene
Concen: 0.028 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:152 Resp: 347

Ion	Ratio	Lower	Upper
152	100		
151	37.7	18.2	27.4#
153	31.4	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
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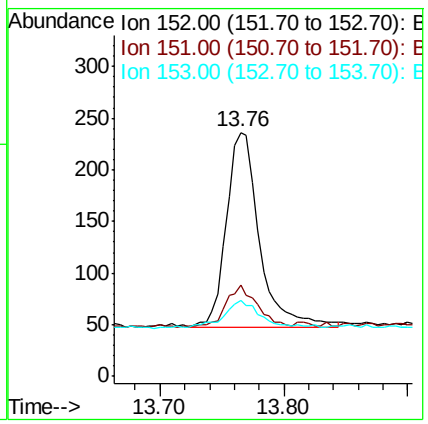
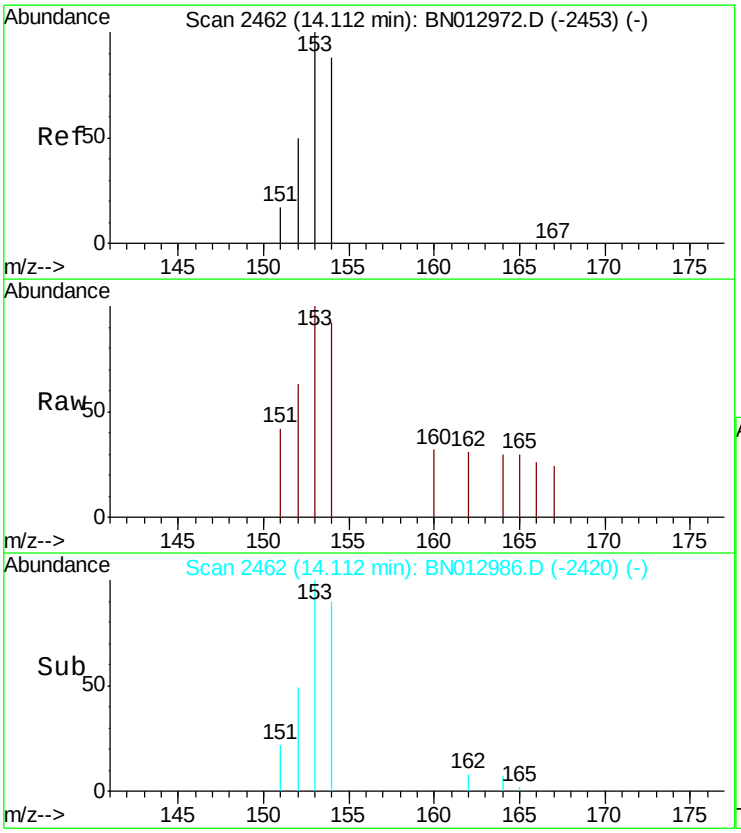
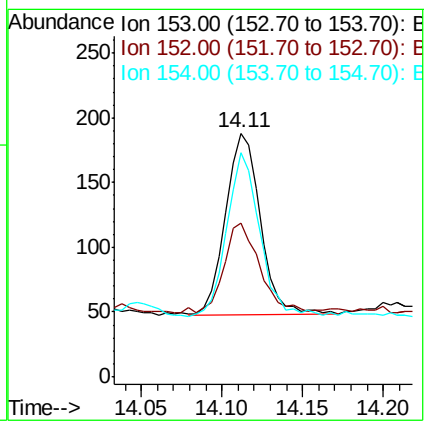


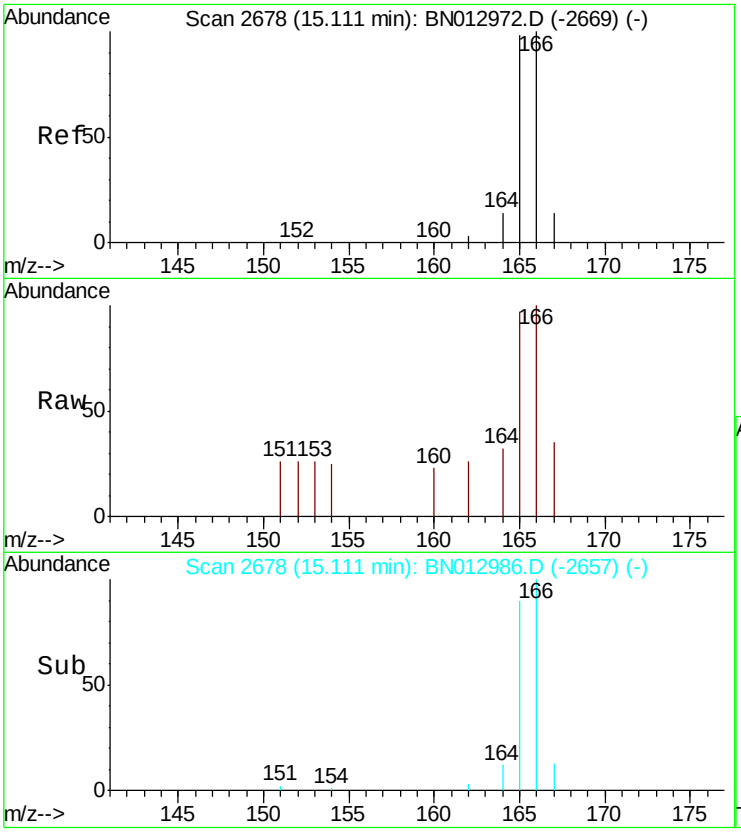


#8
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.11 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:153 Resp: 211

Ion	Ratio	Lower	Upper
153	100		
152	63.3	40.7	61.1#
154	92.0	70.8	106.2

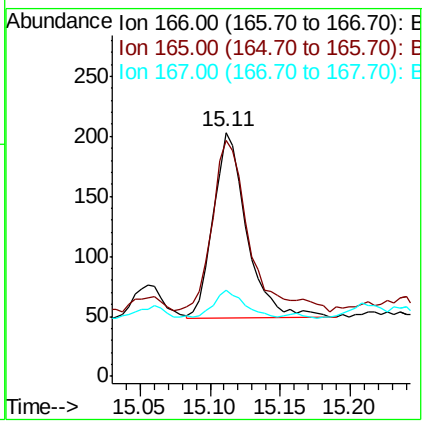




#9
Fluorene
Concen: 0.021 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:166 Resp: 255

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.8	119.8
167	35.5	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
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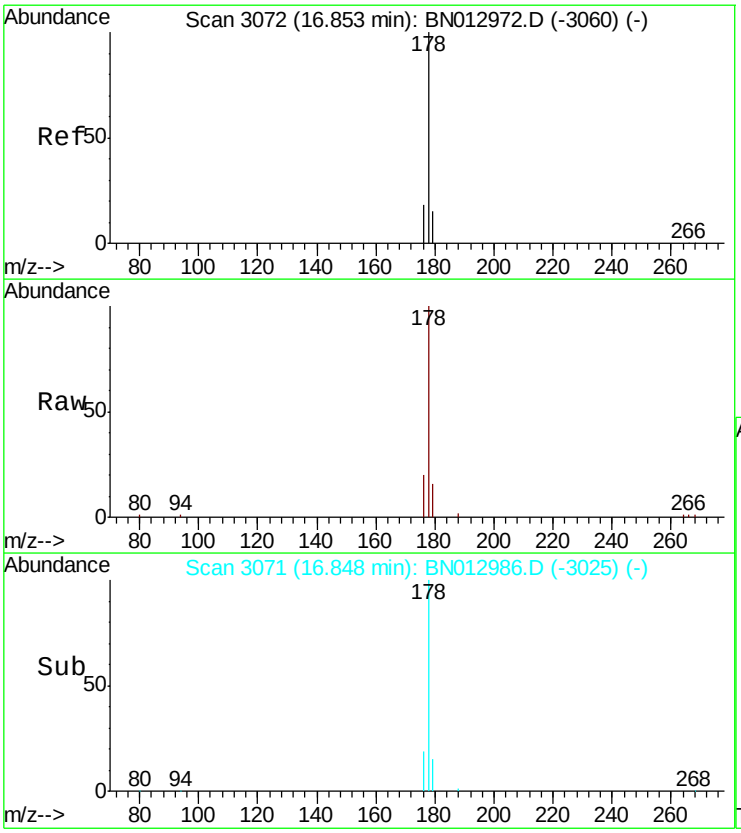
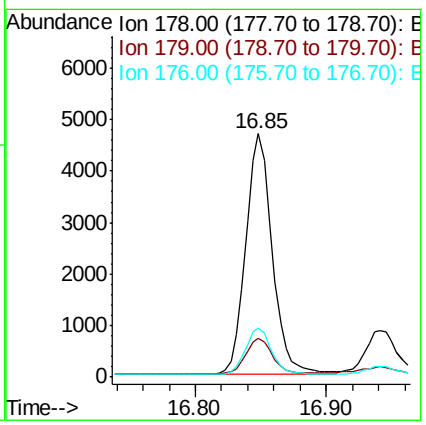
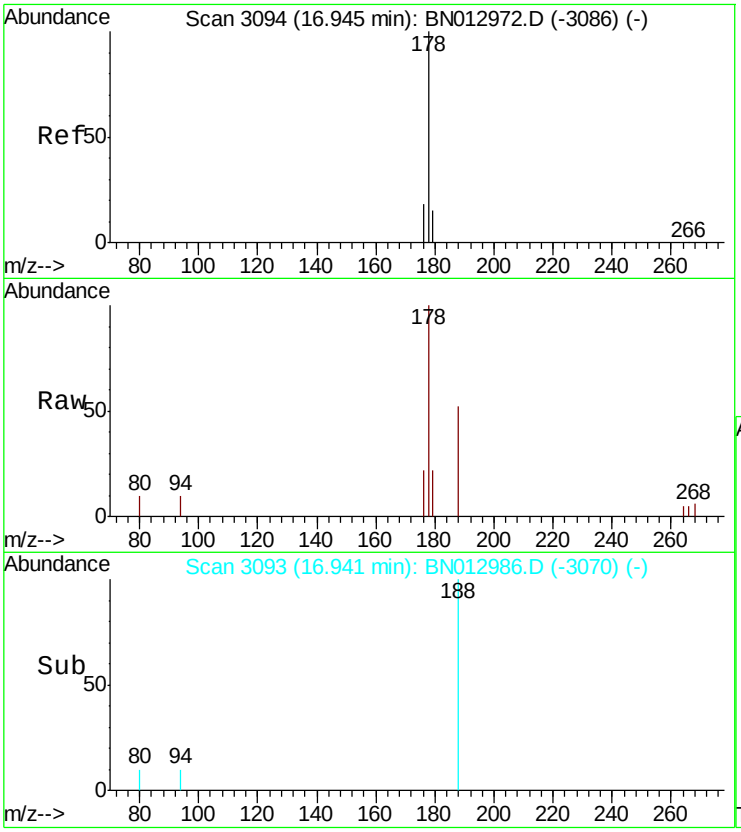


#12
Phenanthrene
Concen: 0.366 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:178 Resp: 6562

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.6	20.4
176	20.0	16.4	24.6





#13
Anthracene
Concen: 0.085 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:178 Resp: 1295

Ion	Ratio	Lower	Upper
178	100		
179	22.1	14.6	21.8#
176	21.7	17.1	25.7

Instrument :
BNA_N
ClientSampleId :
C0B94DL

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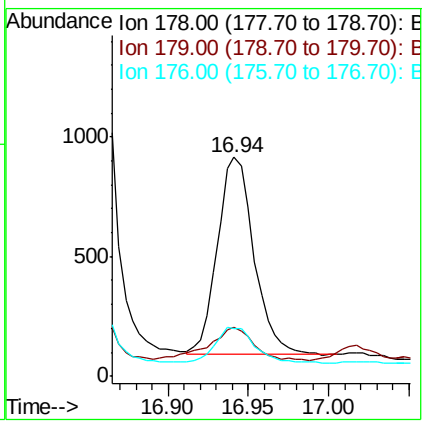
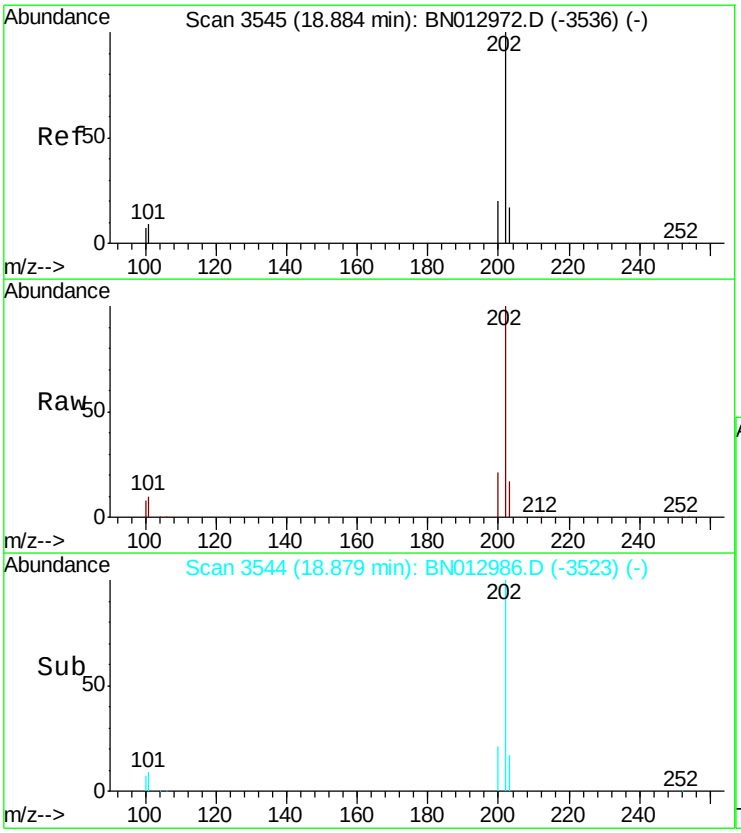
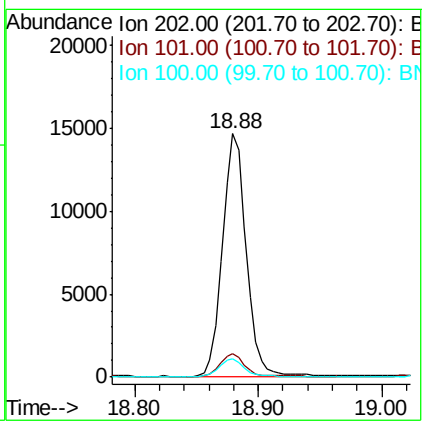


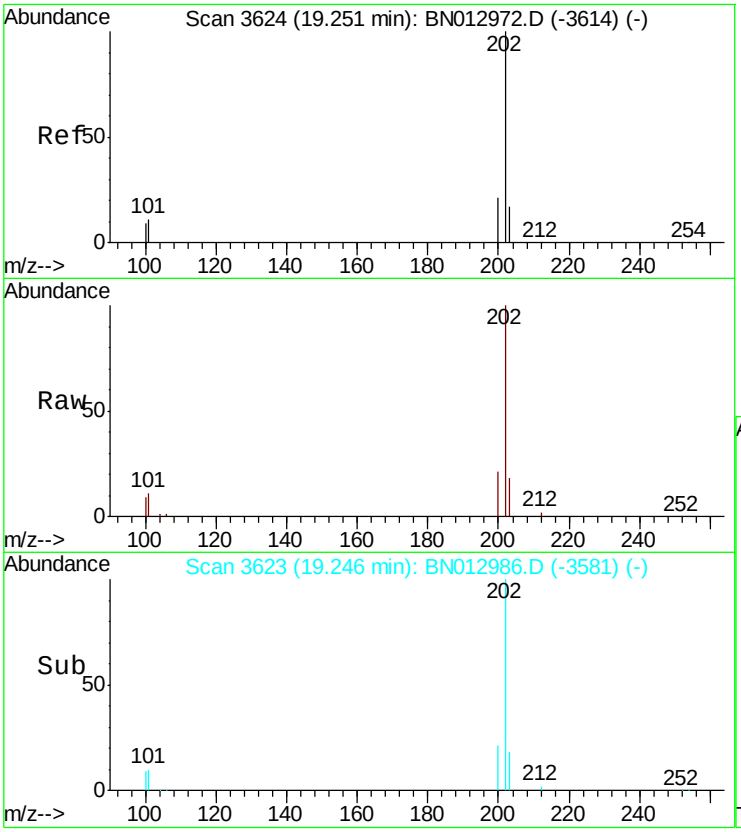


#15
Fluoranthene
Concen: 0.913 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:202 Resp: 19458

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.6
100	7.6	0.0	28.7





#17
Pyrene
Concen: 0.969 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:202 Resp: 17206

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
100	9.1	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
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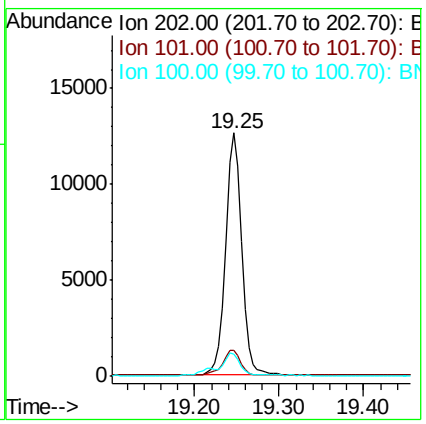
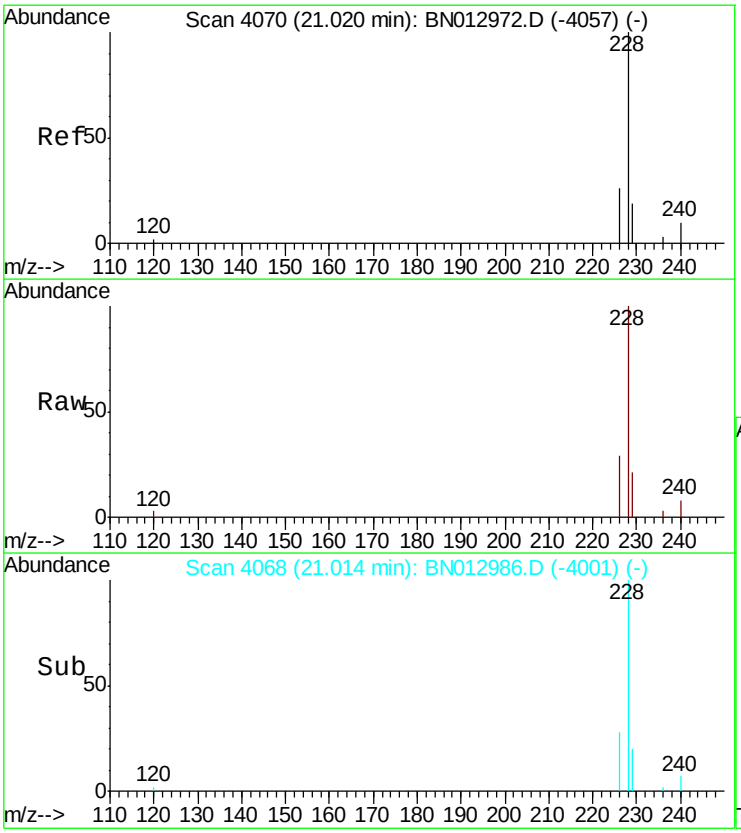
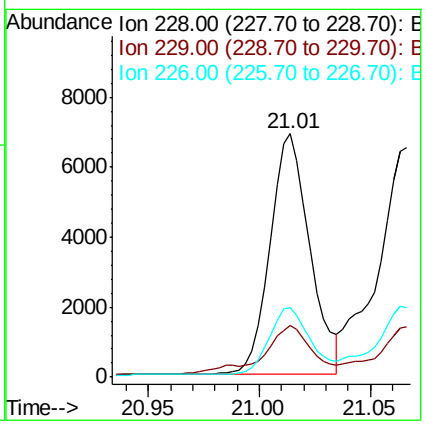


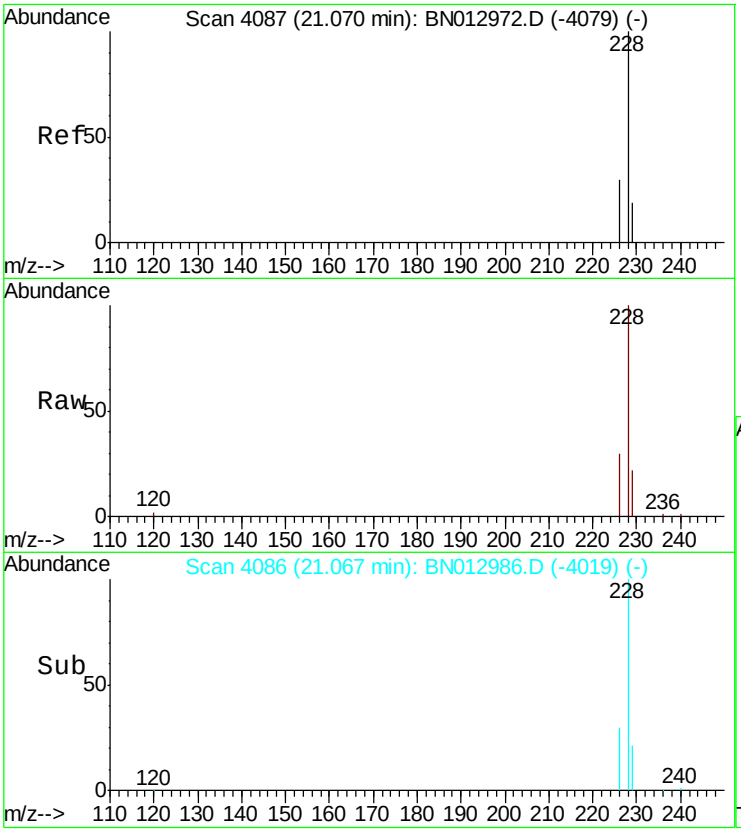


#18
Benzo(a)anthracene
Concen: 0.550 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:228 Resp: 8547

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.3	24.5
226	28.6	23.4	35.2

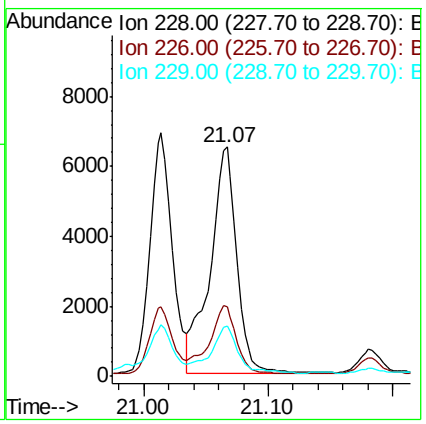




#19
Chrysene
Concen: 0.565 ng/ul
RT: 21.07 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:228 Resp: 9701

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.2	16.4	24.6



Instrument :
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ClientSampleId :
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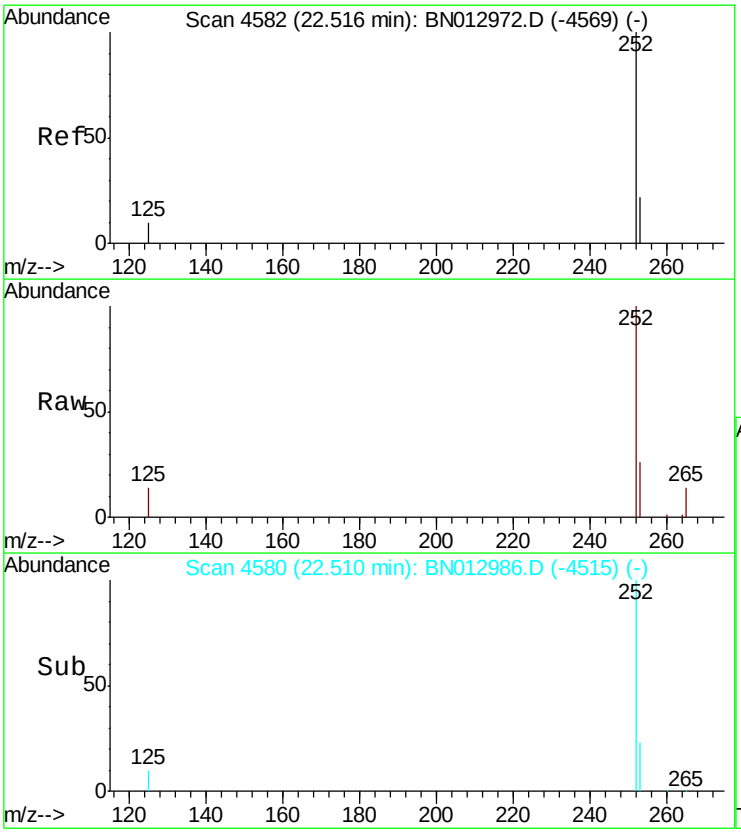
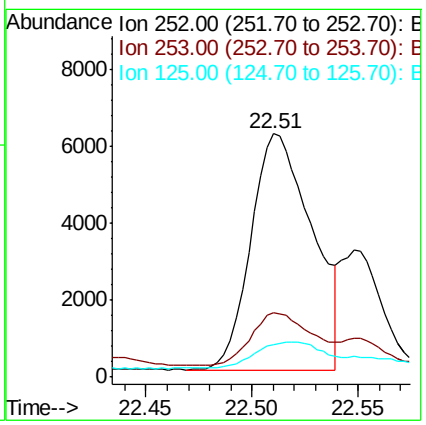
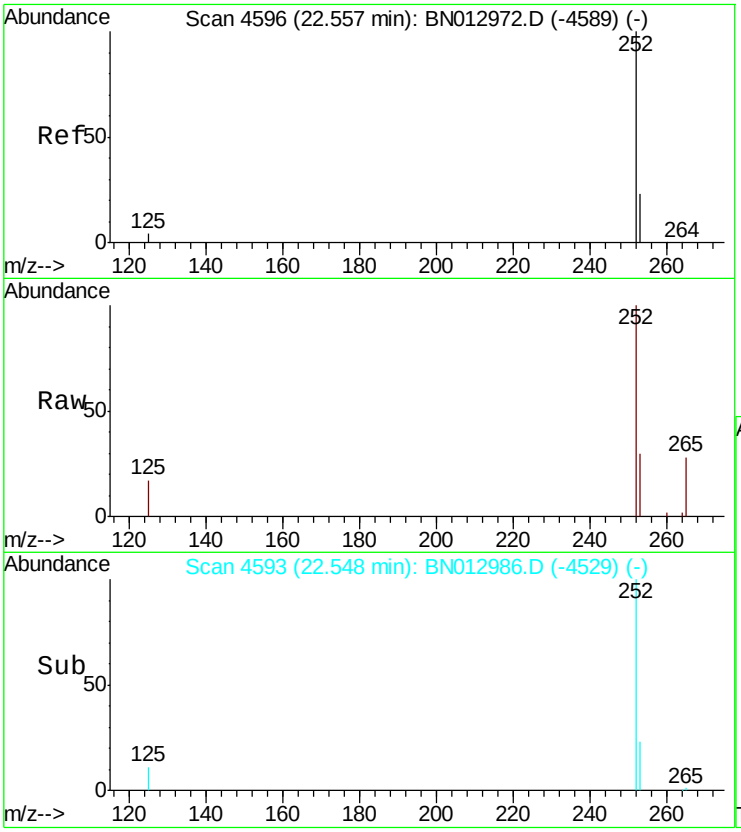


#21
Benzo(b)fluoranthene
Concen: 0.750 ng/ul m
RT: 22.51 min Scan# 4580
Delta R.T. -0.01 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:252 Resp: 12338

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	59.6
125	13.5	0.0	26.0

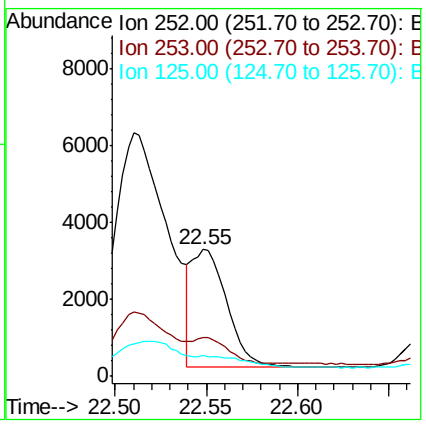




#22
Benzo(k)fluoranthene
Concen: 0.225 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:252 Resp: 4084

Ion	Ratio	Lower	Upper
252	100		
253	30.3	23.4	35.2
125	16.6	11.1	16.7



Instrument :
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ClientSampleId :
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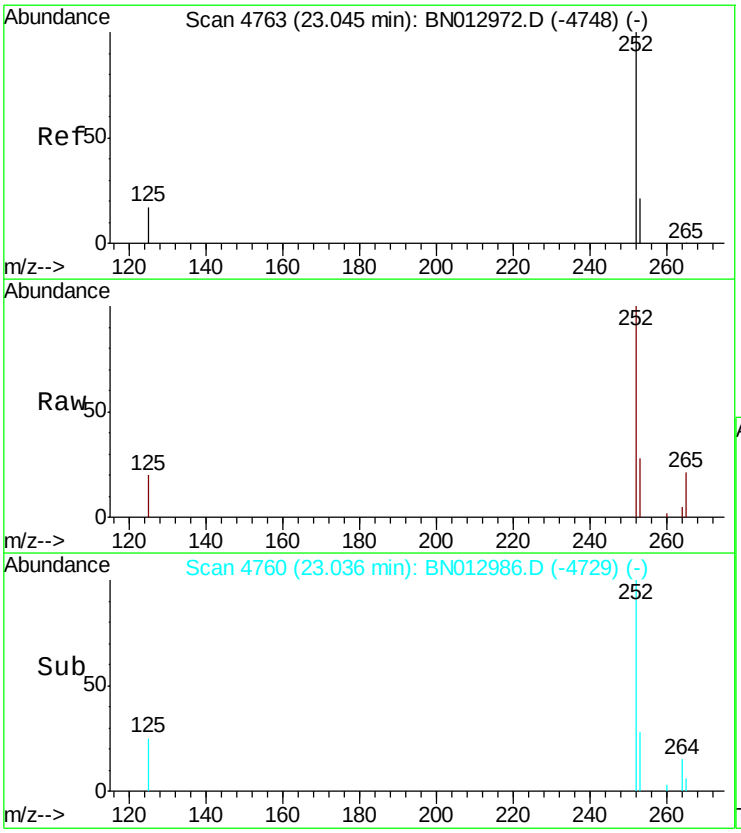
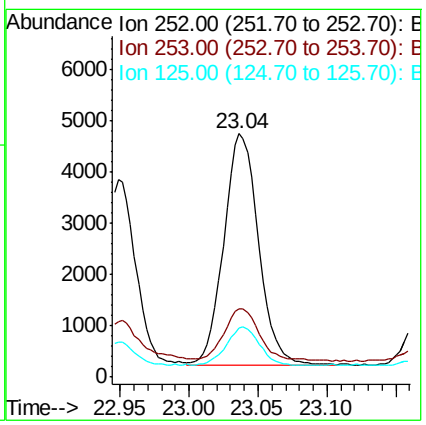
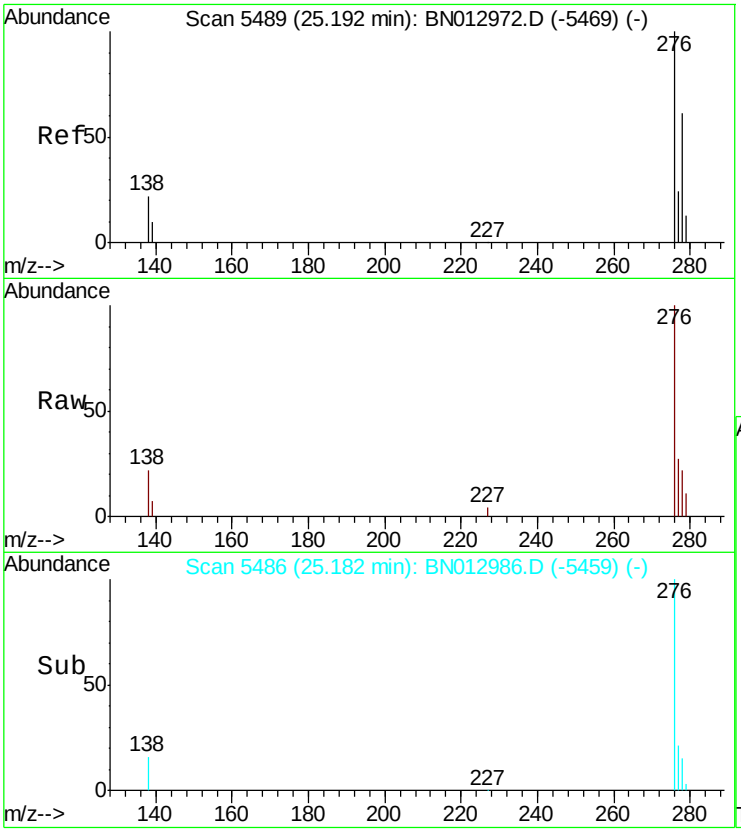


#23
Benzo(a)pyrene
Concen: 0.515 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.01 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:252 Resp: 7858

Ion	Ratio	Lower	Upper
252	100		
253	28.2	26.5	39.7
125	19.9	14.2	21.2





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.275 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.01 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:276 Resp: 5519

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0B94DL

Manual Integrations APPROVED
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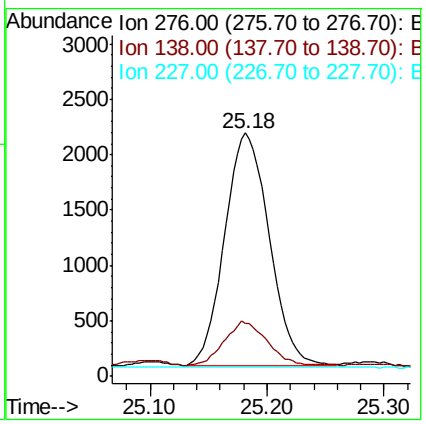
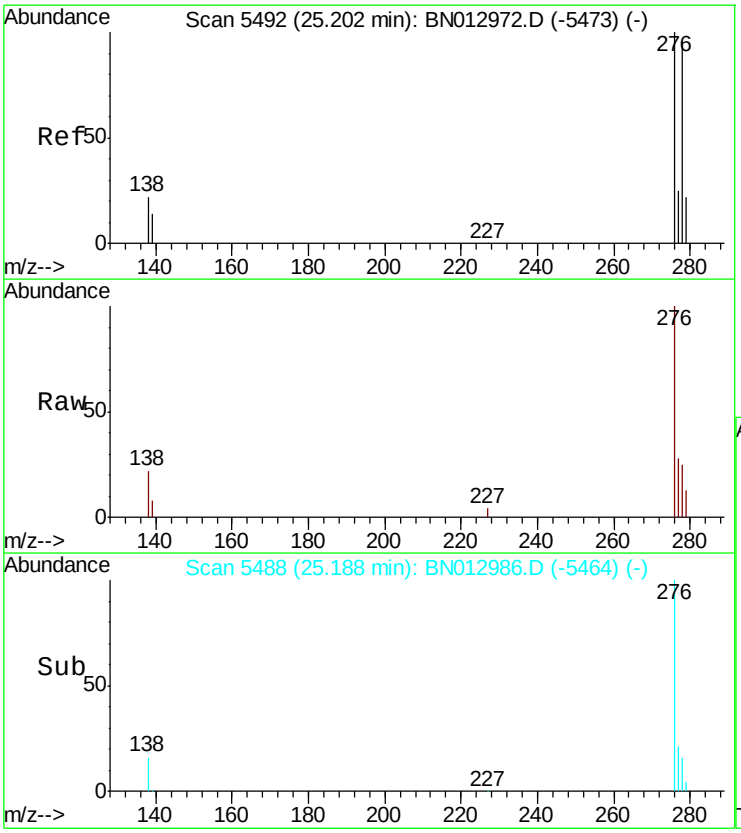
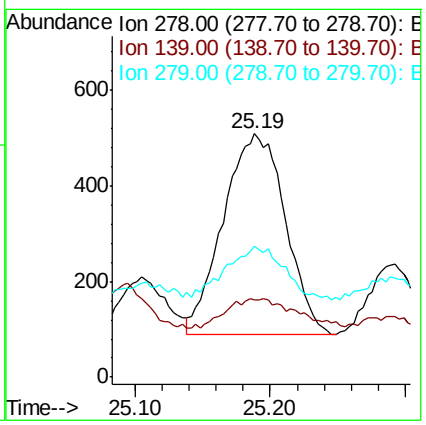


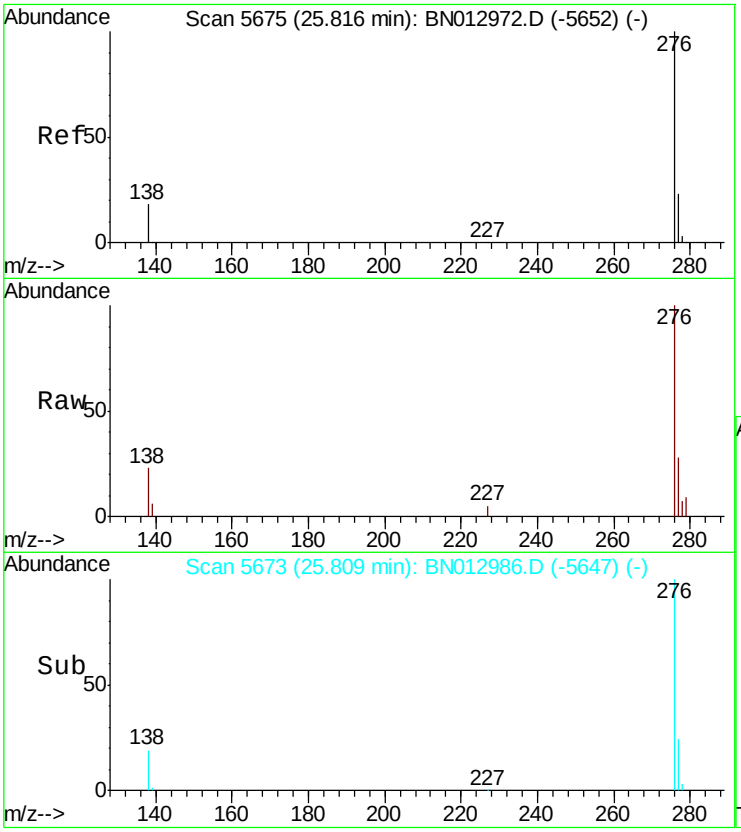


#25
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.02 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:278 Resp: 1339

Ion	Ratio	Lower	Upper
278	100		
139	31.8	14.5	21.7#
279	53.6	26.3	39.5#

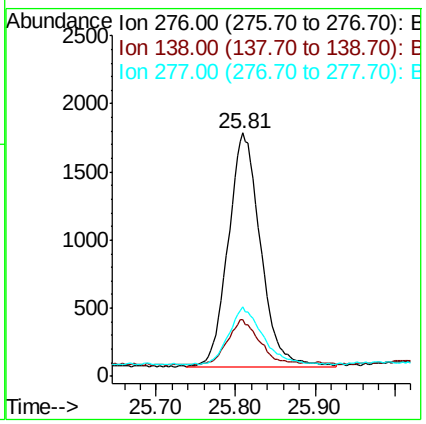




#26
Benzo(g,h,i)perylene
Concen: 0.266 ng/ul
RT: 25.81 min Scan# 5673
Delta R.T. -0.01 min
Lab File: BN012986.D
Acq: 08 Dec 2020 21:29

Tgt Ion:276 Resp: 4830

Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.3	24.5
277	28.4	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
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