Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012979.D
Acq On : 08 Dec 2020 17:16
Operator : CG/JU
Sample : L4864-20DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B63DL

Manual Integrations APPROVED
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12/9/2020 12:25:02 PM

Quant Time: Dec 09 00:26:22 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	7.38	152	931	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	3788	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2104	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4369	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3506	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3238	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	775	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	1758	0.15	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.11	153	226	0.028	ng/ul#	92
9) Fluorene	15.11	166	291	0.031	ng/ul#	93
12) Phenanthrene	16.85	178	9225	0.630	ng/ul	98
13) Anthracene	16.94	178	1471	0.118	ng/ul	98
15) Fluoranthene	18.88	202	27877	1.601	ng/ul	99
17) Pyrene	19.25	202	24172	1.460	ng/ul	99
18) Benzo(a)anthracene	21.02	228	10457	0.721	ng/ul	99
19) Chrysene	21.07	228	14161	0.884	ng/ul	100
21) Benzo(b)fluoranthene	22.52	252	18257m	1.219	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	6019m	0.364	ng/ul	
23) Benzo(a)pyrene	23.04	252	10443	0.751	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.18	276	7499	0.411	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.19	278	1778	0.123	ng/ul#	80
26) Benzo(g,h,i)perylene	25.81	276	6851	0.415	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012979.D
Acq On : 08 Dec 2020 17:16
Operator : CG/JU
Sample : L4864-20DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Dec 09 00:26:22 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 :
C0B63DL

Manual Integrations APPROVED
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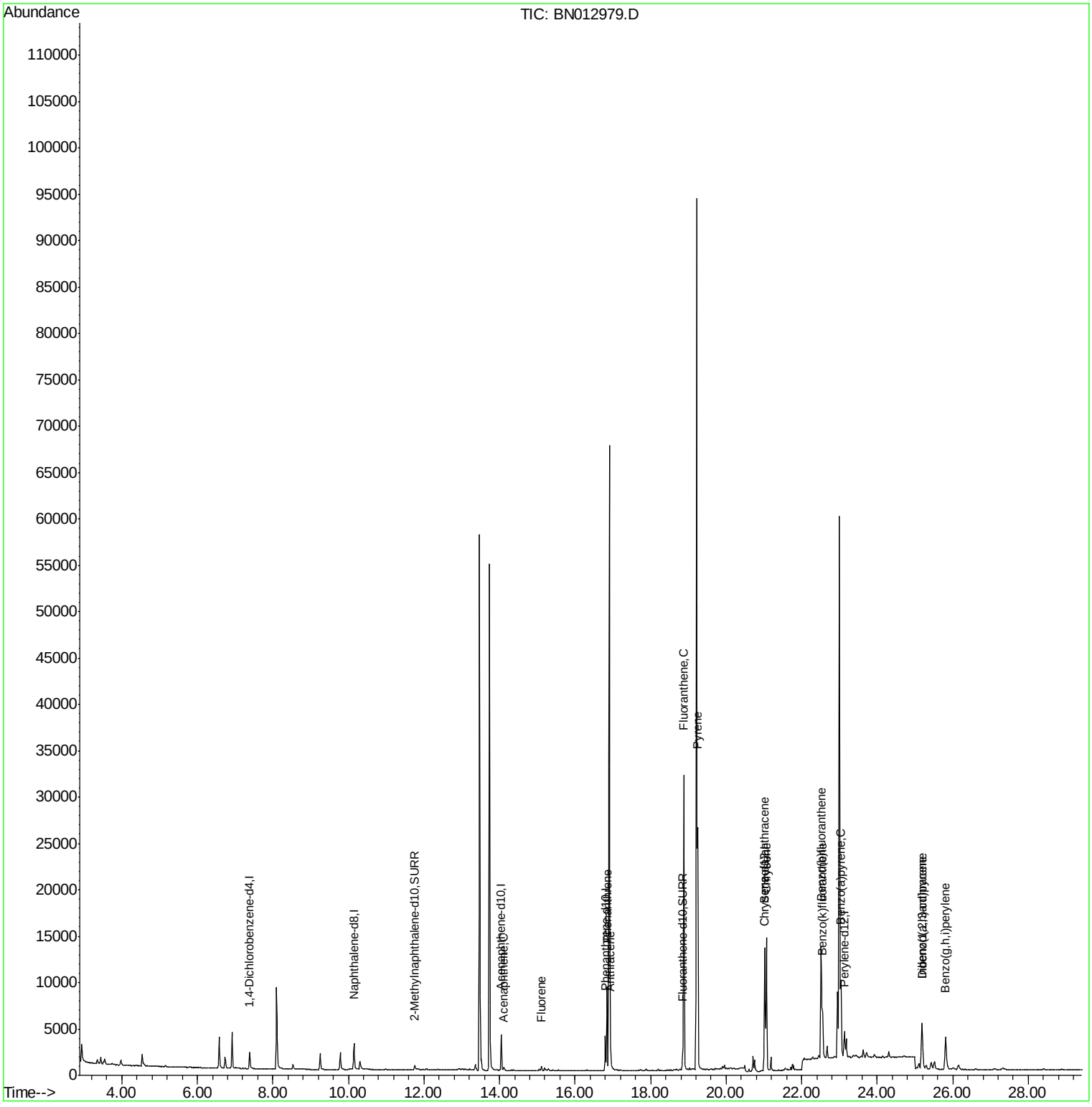
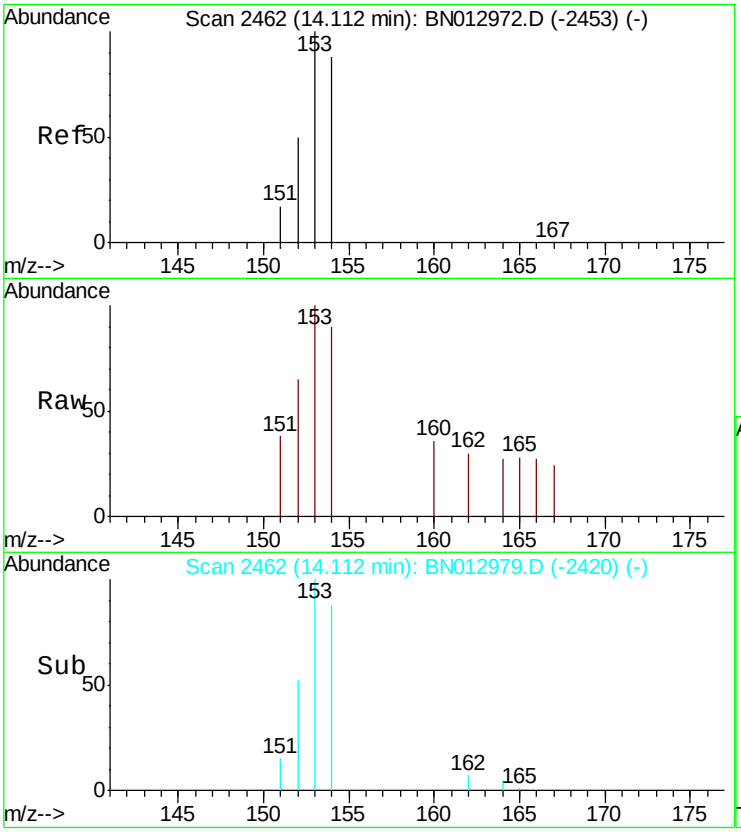
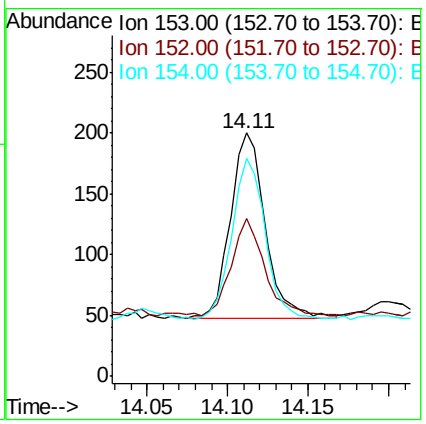




#8
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.11 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:153 Resp: 226

Ion	Ratio	Lower	Upper
153	100		
152	65.0	40.7	61.1#
154	89.5	70.8	106.2



Instrument :
BNA_N
ClientSampleId :
C0B63DL

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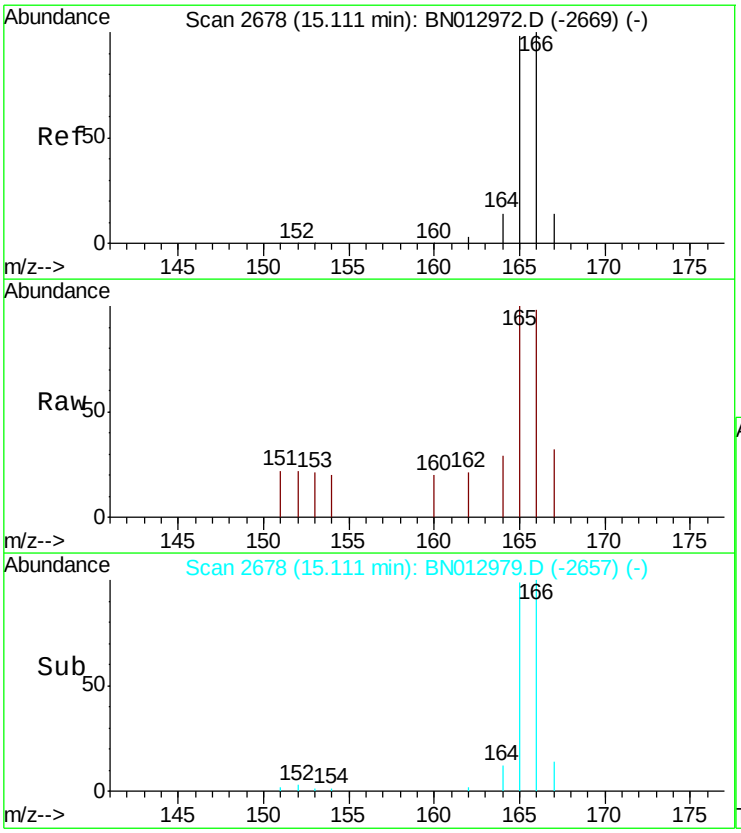
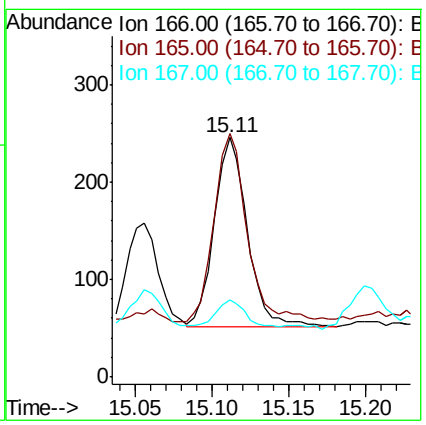
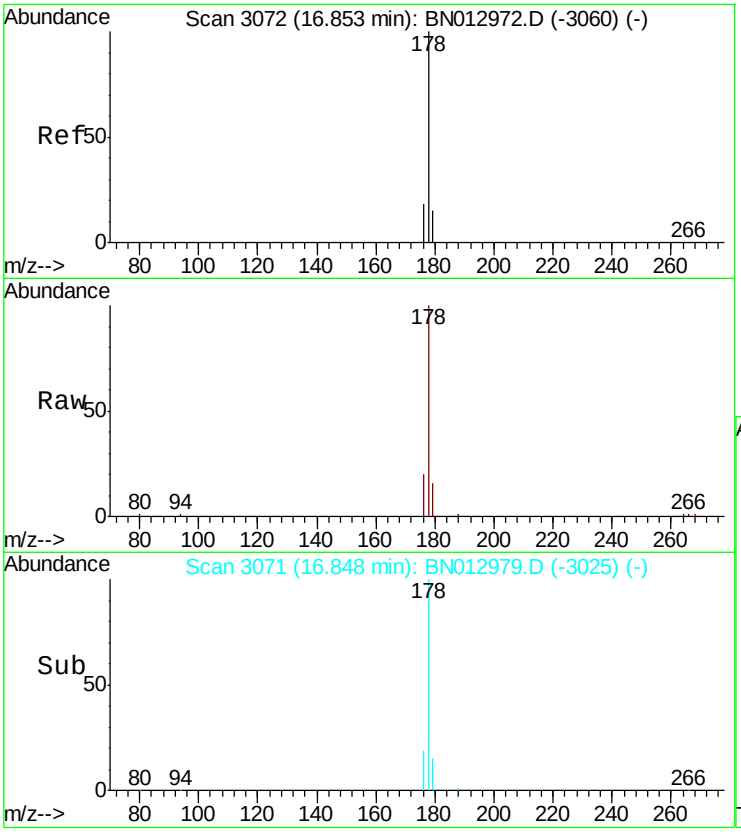


#9
Fluorene
Concen: 0.031 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:166 Resp: 291

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.8	119.8
167	32.1	13.8	20.8#

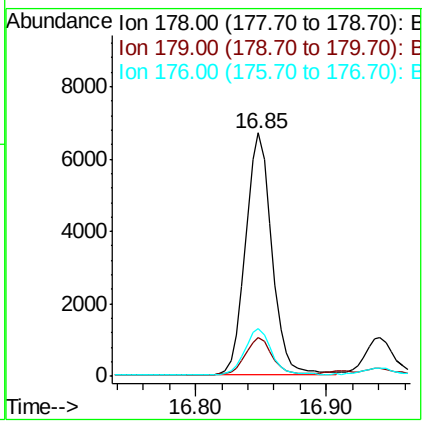




#12
Phenanthrene
Concen: 0.630 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:178 Resp: 9225

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.6	20.4
176	19.7	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B63DL

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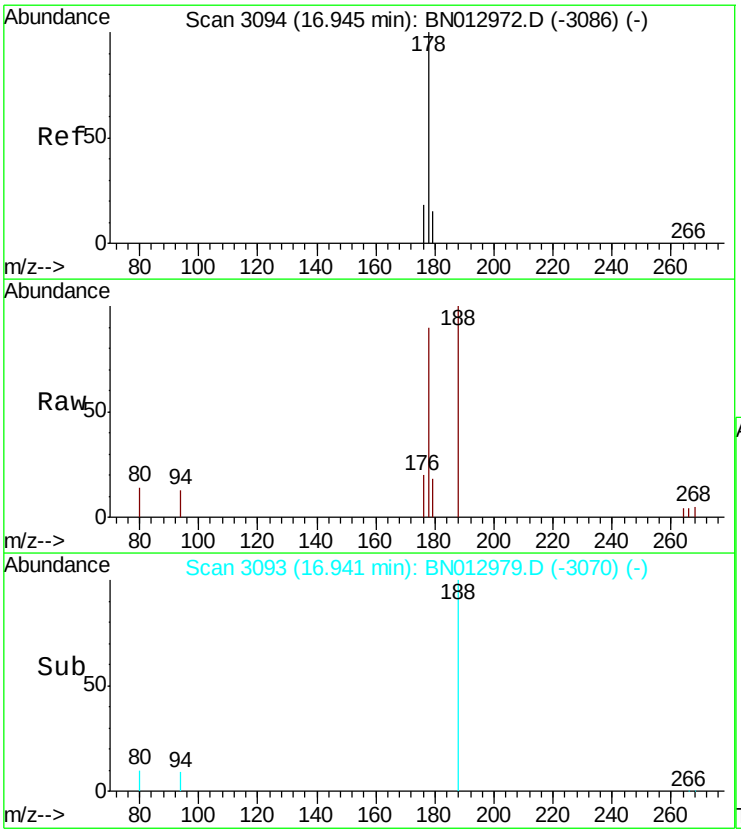
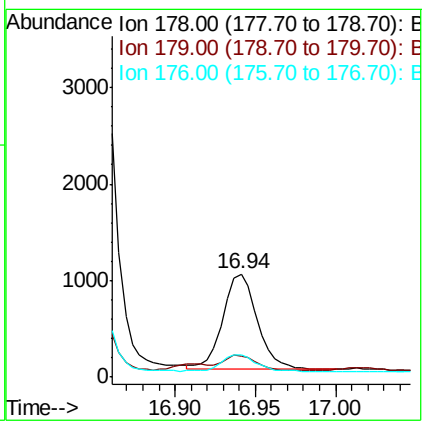
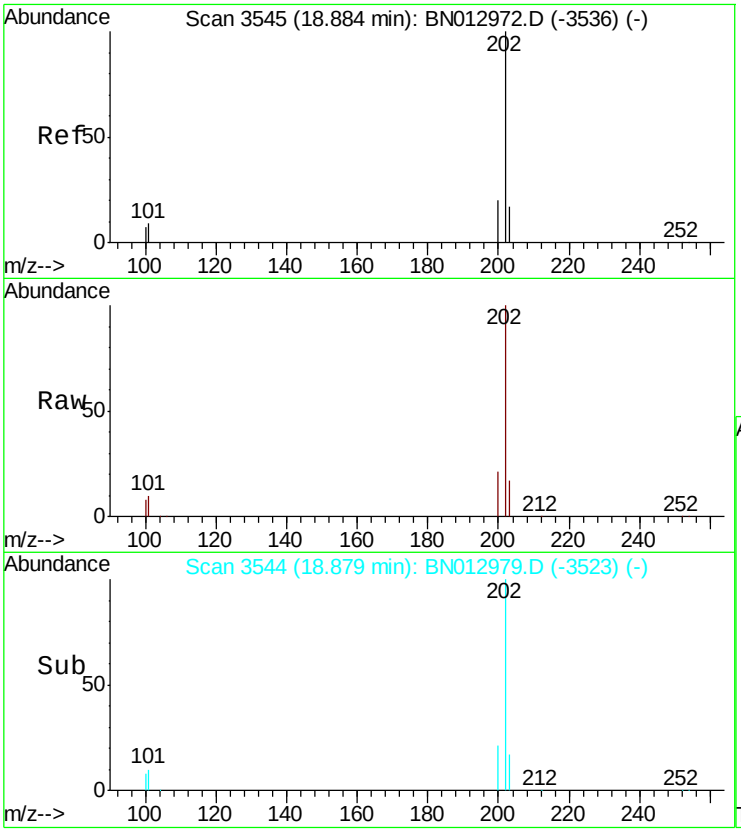


#13
Anthracene
Concen: 0.118 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:178 Resp: 1471

Ion	Ratio	Lower	Upper
178	100		
179	20.1	14.6	21.8
176	21.7	17.1	25.7

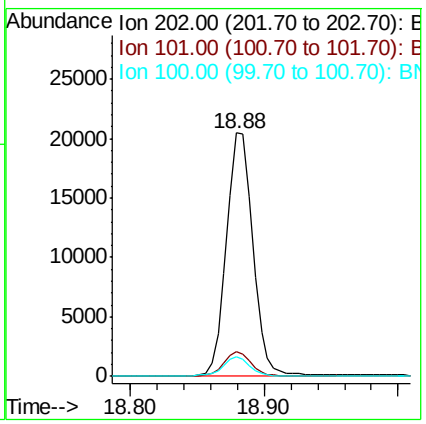




#15
Fluoranthene
Concen: 1.601 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:202 Resp: 27877

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.6
100	7.9	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0B63DL

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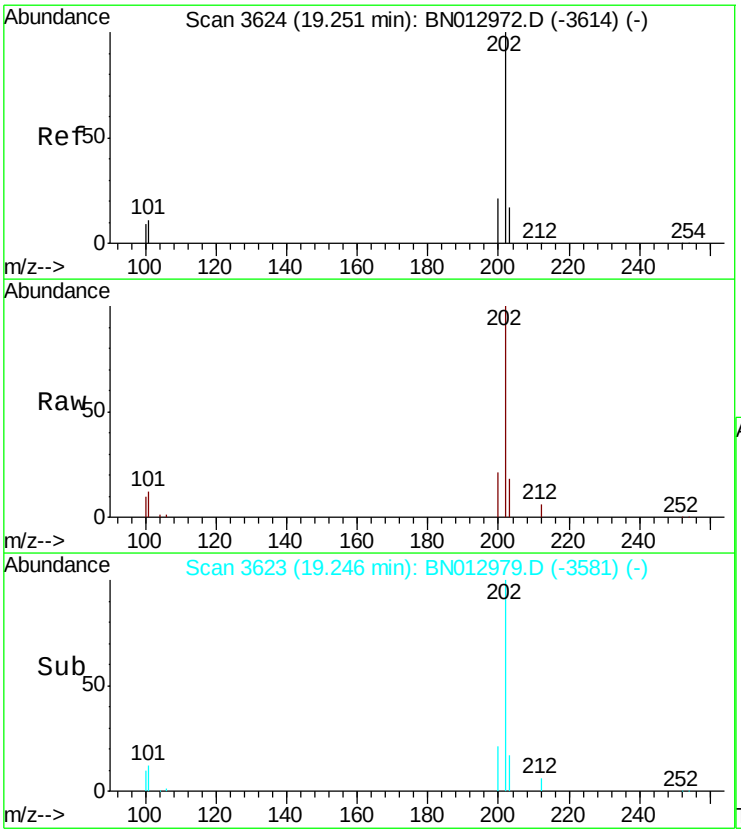
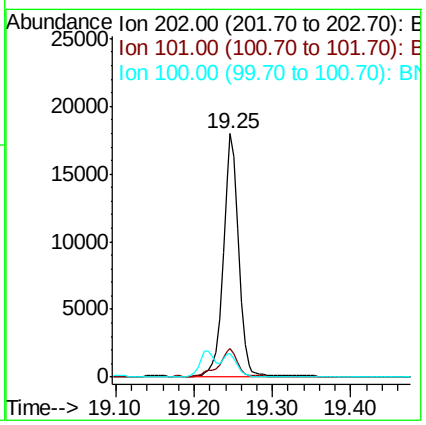
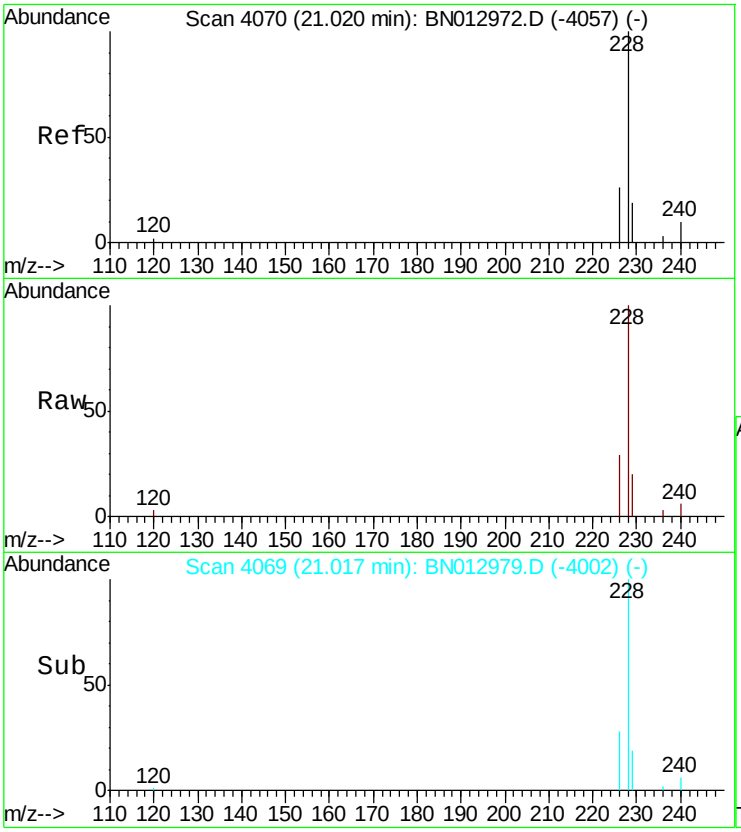


#17
Pyrene
Concen: 1.460 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:202 Resp: 24172

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.1	13.7
100	9.8	7.5	11.3

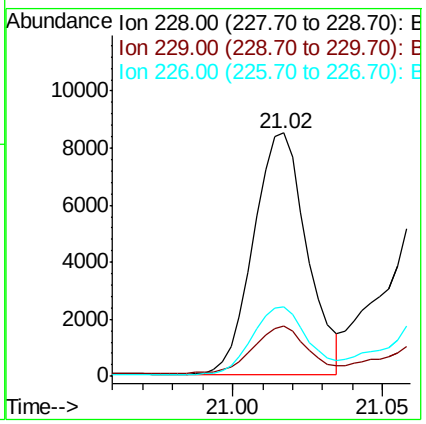




#18
Benzo(a)anthracene
Concen: 0.721 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.00 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:228 Resp: 10457

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.3	24.5
226	28.6	23.4	35.2



Instrument :
BNA_N
ClientSampleId :
C0B63DL

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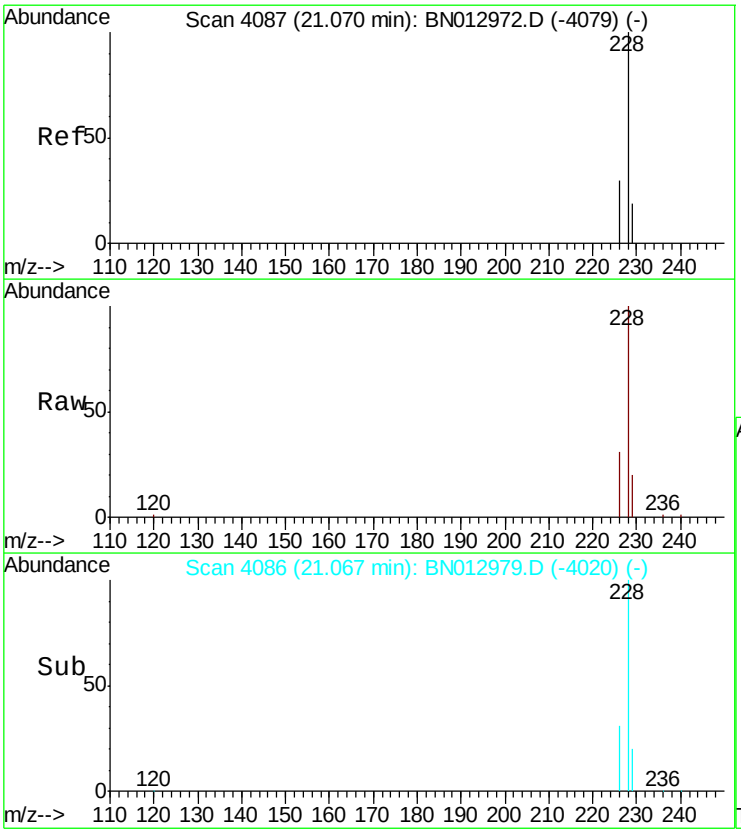
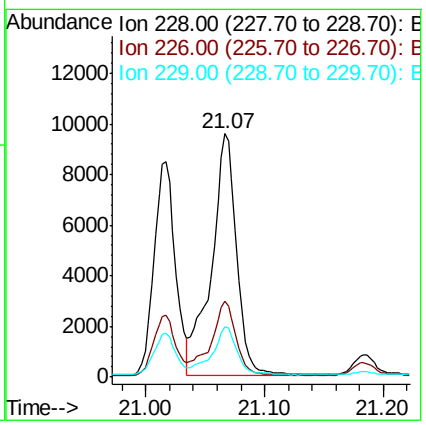
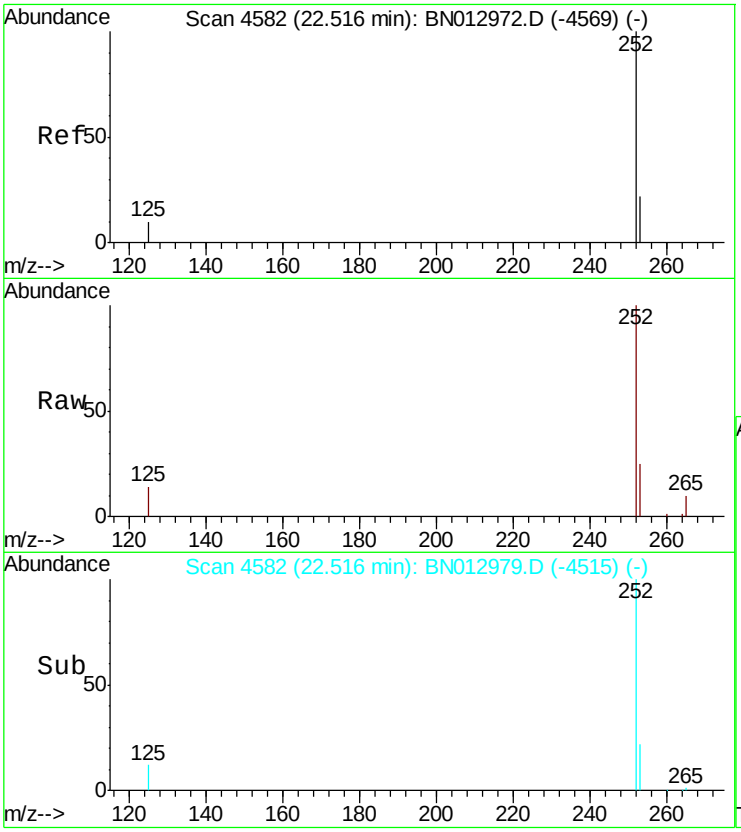


#19
Chrysene
Concen: 0.884 ng/ul
RT: 21.07 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:228 Resp: 14161

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.5	16.4	24.6

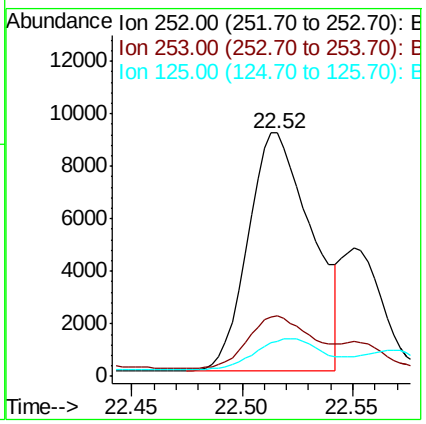




#21
Benzo(b)fluoranthene
Concen: 1.219 ng/ul m
RT: 22.52 min Scan# 4582
Delta R.T. -0.00 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:252 Resp: 18257

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	59.6
125	14.3	0.0	26.0



Instrument :
BNA_N
ClientSampleId :
C0B63DL

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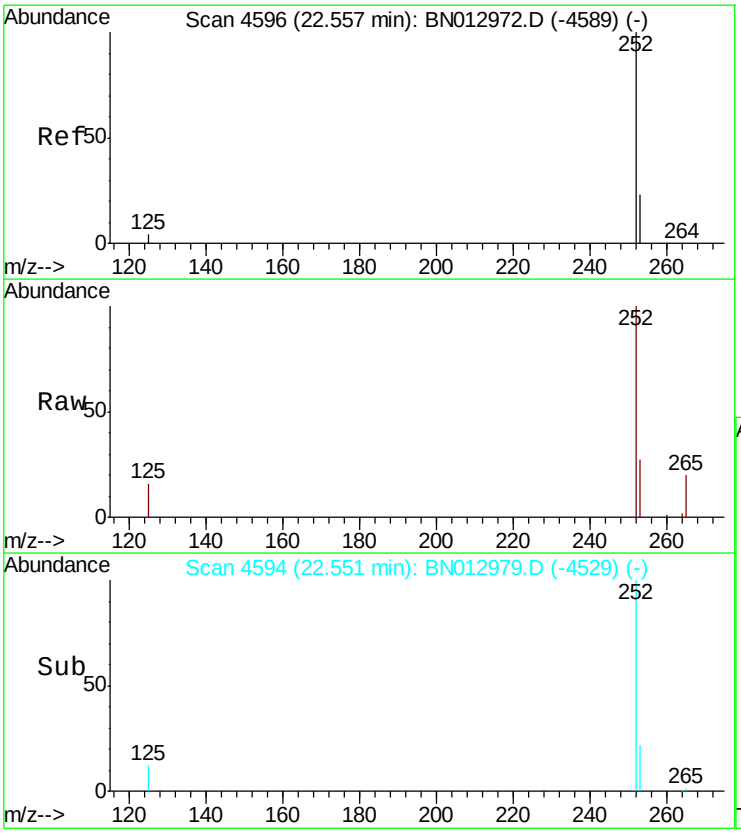
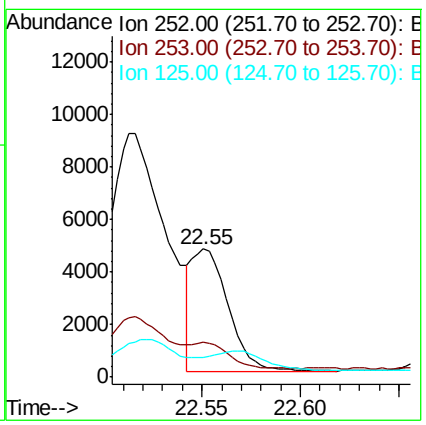
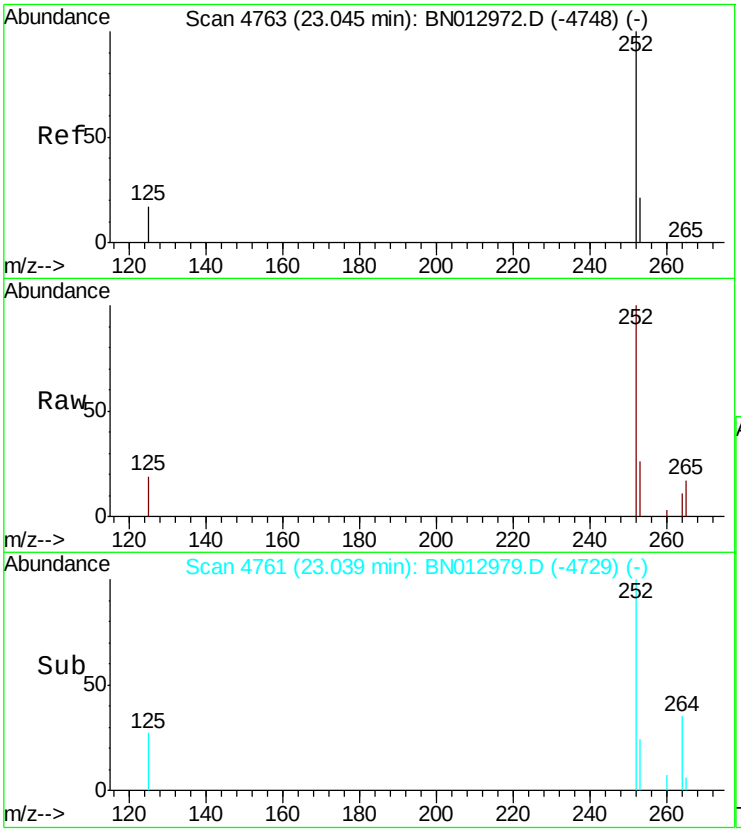


#22
Benzo(k)fluoranthene
Concen: 0.364 ng/ul m
RT: 22.55 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:252 Resp: 6019

Ion	Ratio	Lower	Upper
252	100		
253	27.2	23.4	35.2
125	15.8	11.1	16.7





#23
Benzo(a)pyrene
Concen: 0.751 ng/ul
RT: 23.04 min Scan# 4761
Delta R.T. -0.01 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:252 Resp: 10443

Ion	Ratio	Lower	Upper
252	100		
253	26.2	26.5	39.7#
125	19.5	14.2	21.2

Instrument :
BNA_N
ClientSampleId :
C0B63DL

Manual Integrations APPROVED
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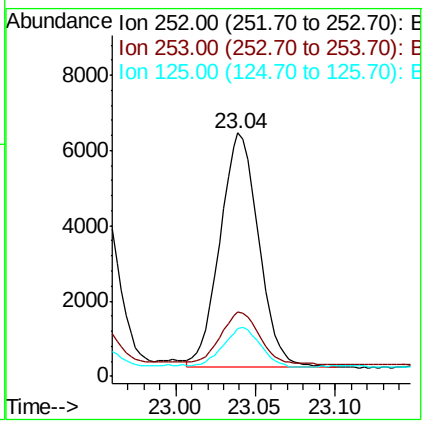
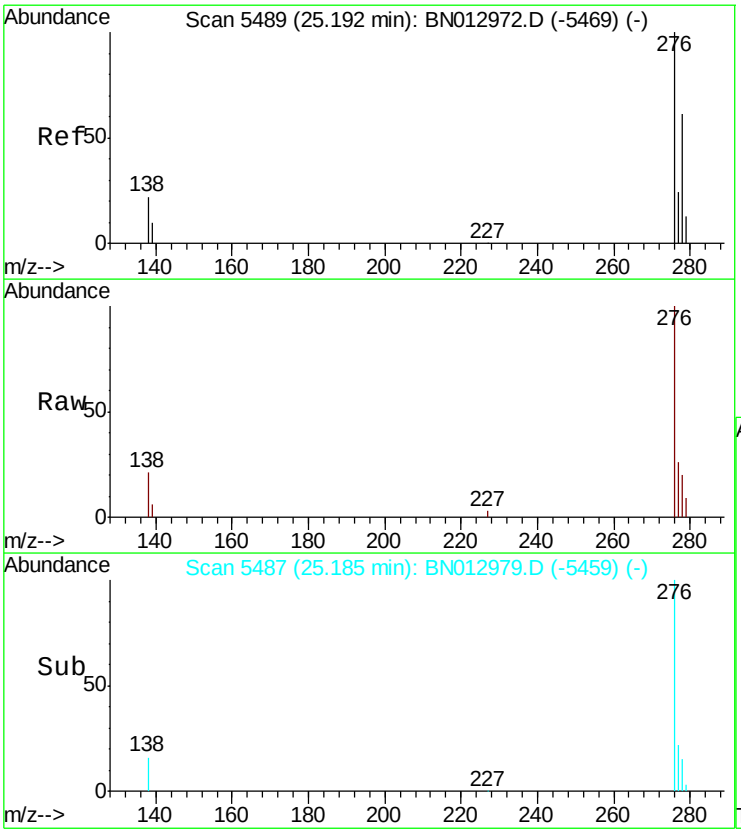
12/9/2020 12:25:02 PM

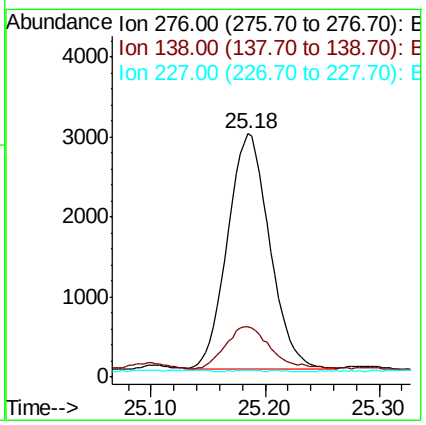


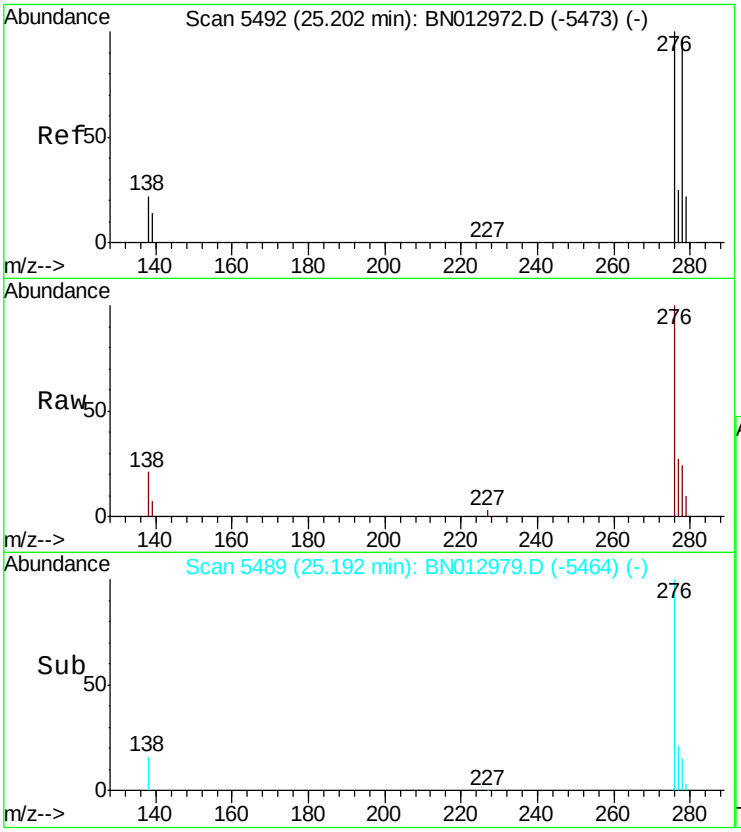


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:276 Resp: 7499

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.2	24.2
227	0.1	0.0	0.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:278 Resp: 1778

Ion	Ratio	Lower	Upper
278	100		
139	28.1	14.5	21.7#
279	43.2	26.3	39.5#

Instrument :
BNA_N
ClientSampleId :
C0B63DL

Manual Integrations APPROVED
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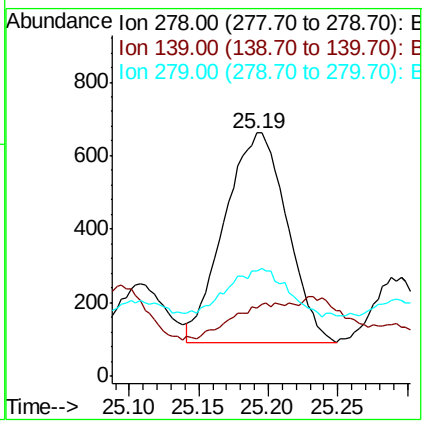

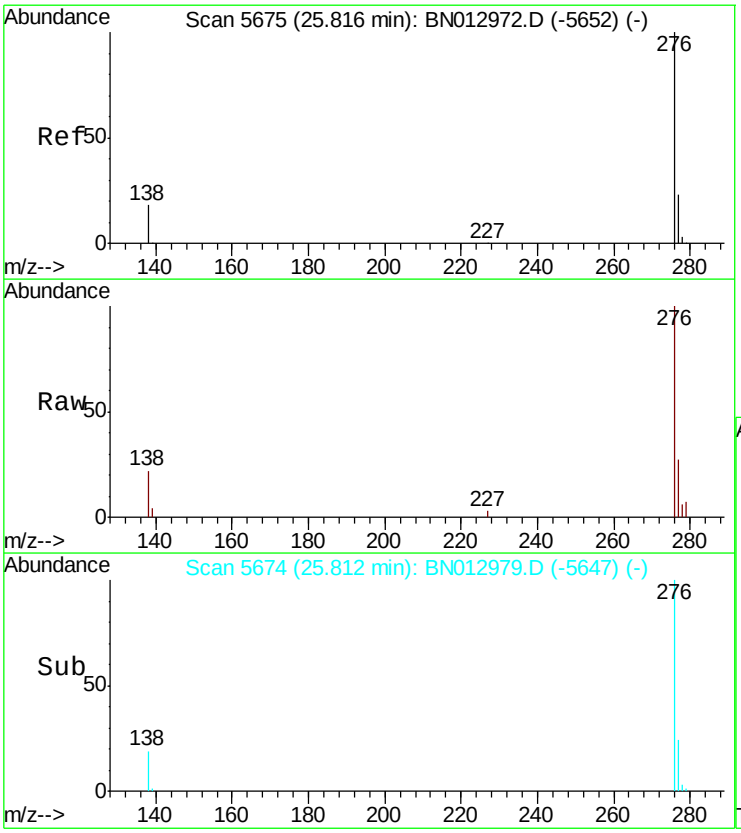

#26
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 25.81 min Scan# 5674
Delta R.T. -0.01 min
Lab File: BN012979.D
Acq: 08 Dec 2020 17:16

Tgt Ion:276 Resp: 6851

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.3	24.5
277	27.1	21.8	32.6