Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012823.D
Acq On : 02 Dec 2020 17:08
Operator : CG/JU
Sample : L4865-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B09

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Quant Time: Dec 02 17:42:44 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	729	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3073	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1733	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3610	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3059	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	493	0.11	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1043	0.11	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.79	152	194	0.023	ng/ul#	33
8) Acenaphthene	14.14	153	146	0.020	ng/ul#	88
9) Fluorene	15.13	166	177	0.023	ng/ul#	88
12) Phenanthrene	16.87	178	8396	0.668	ng/ul	98
13) Anthracene	16.96	178	803	0.074	ng/ul#	87
15) Fluoranthene	18.90	202	27554	1.900	ng/ul	97
17) Pyrene	19.27	202	24169	1.766	ng/ul	99
18) Benzo(a)anthracene	21.03	228	9920	0.905	ng/ul	99
19) Chrysene	21.09	228	14697	1.073	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	21826m	1.513	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	8345m	0.502	ng/ul	
23) Benzo(a)pyrene	23.07	252	12712	0.937	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.23	276	10348	0.583	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.23	278	2228	0.156	ng/ul#	87
26) Benzo(g,h,i)perylene	25.86	276	9554	0.598	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012823.D
Acq On : 02 Dec 2020 17:08
Operator : CG/JU
Sample : L4865-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Dec 02 17:42:44 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

Instrument :
BNA_N
ClientSampleId :
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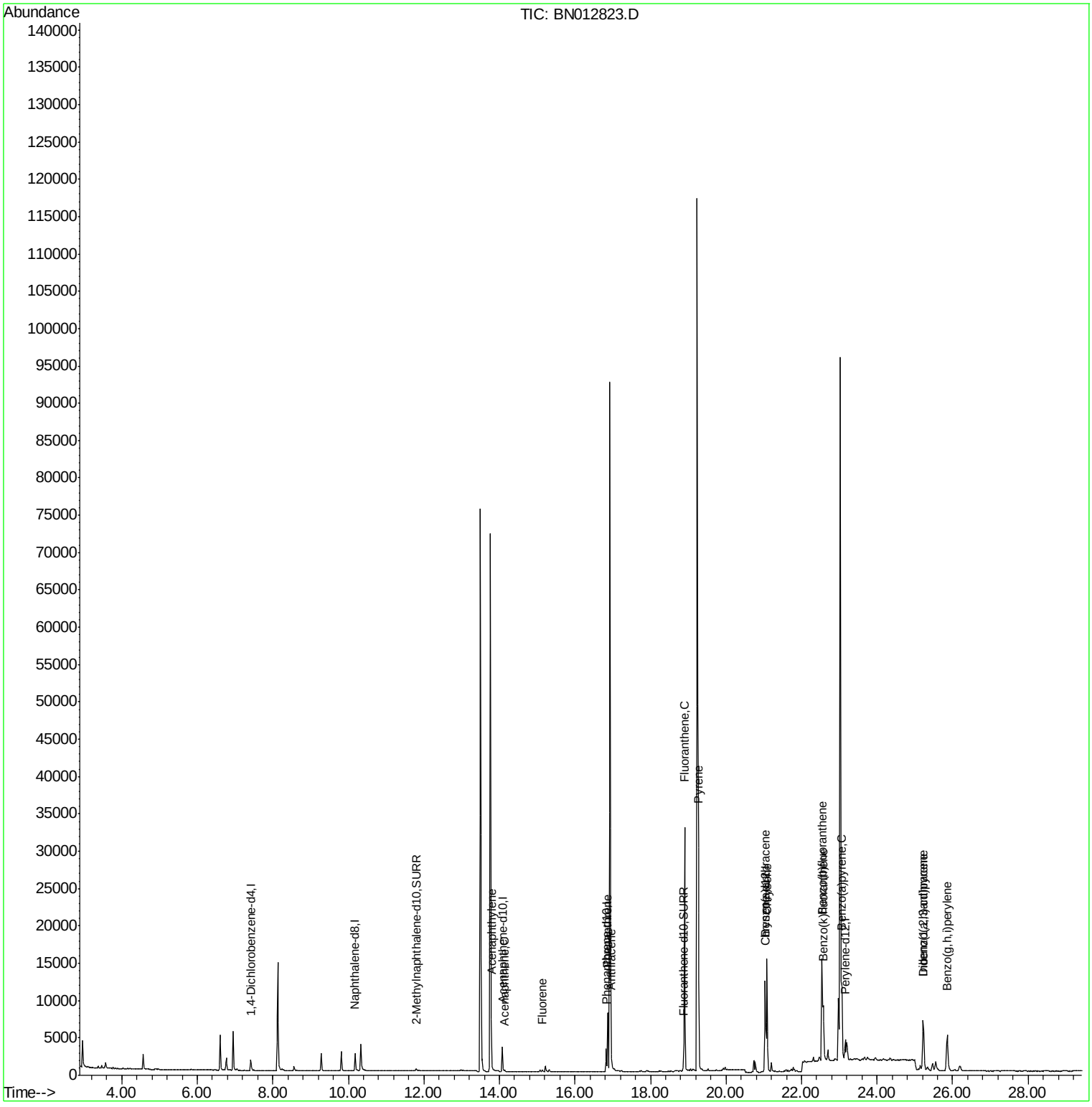
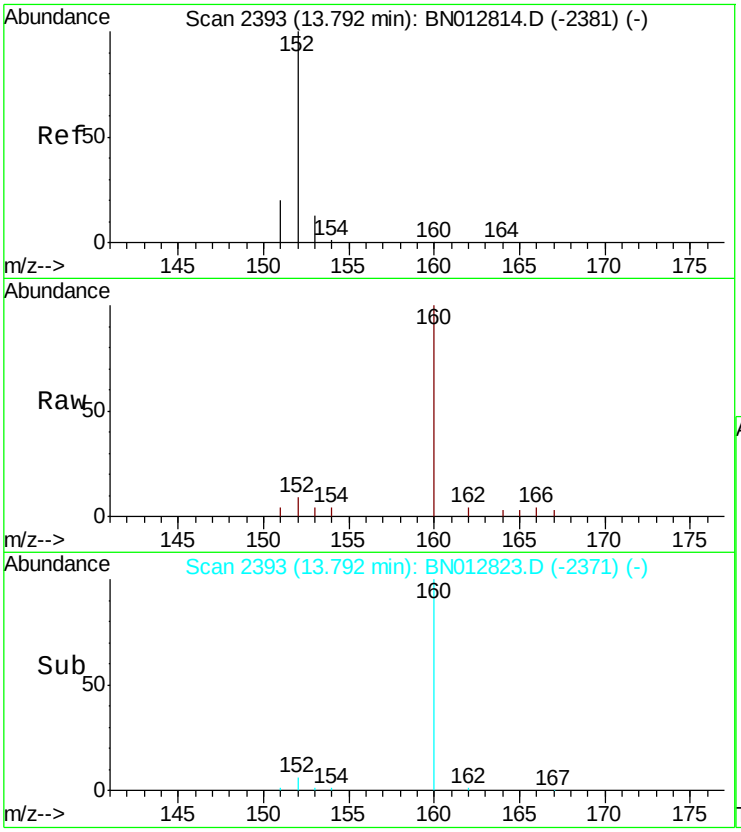
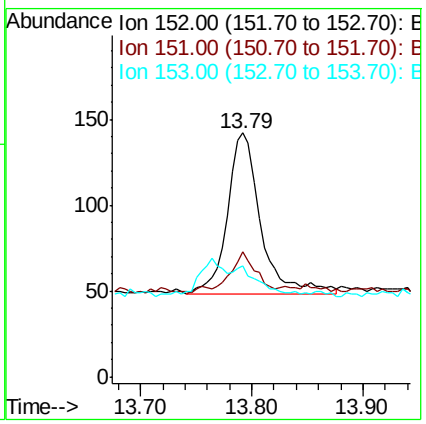




#7
Acenaphthylene
Concen: 0.023 ng/ul
RT: 13.79 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:152 Resp: 194

Ion	Ratio	Lower	Upper
152	100		
151	51.4	17.1	25.7#
153	45.8	12.6	19.0#



Instrument :
BNA_N
ClientSampleId :
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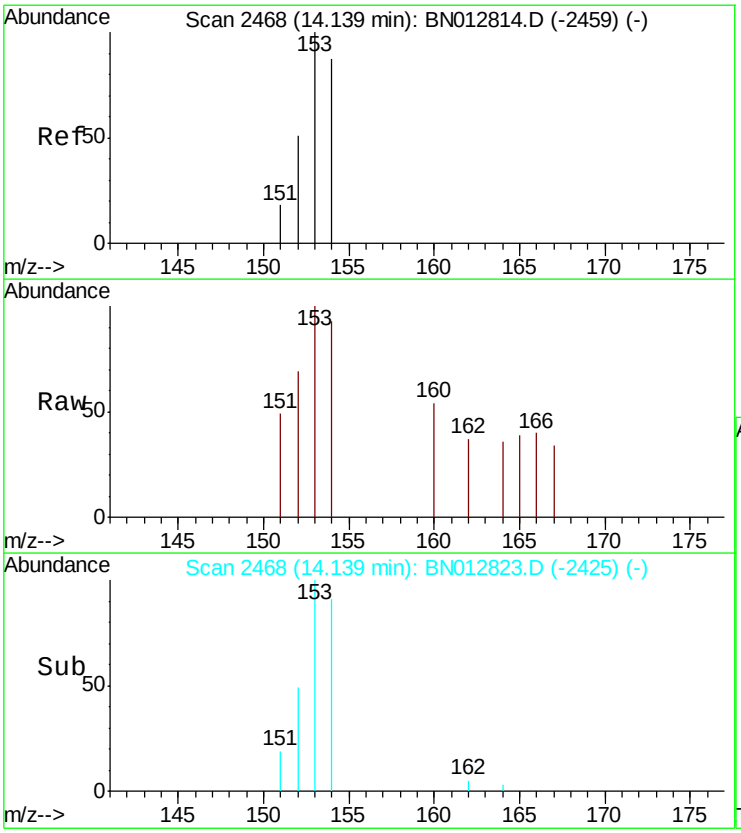
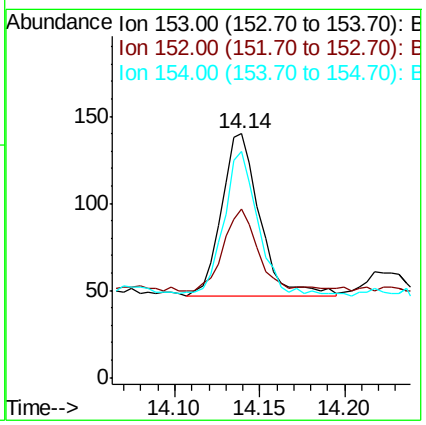
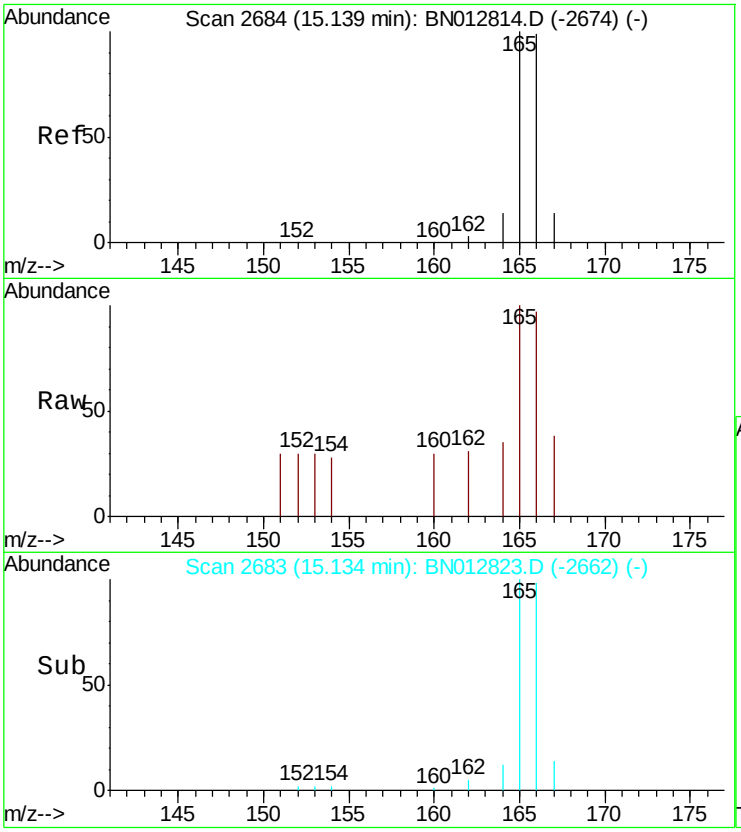


#8
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.14 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:153 Resp: 146

Ion	Ratio	Lower	Upper
153	100		
152	69.3	41.4	62.0#
154	92.9	70.9	106.3





#9
Fluorene
Concen: 0.023 ng/ul
RT: 15.13 min Scan# 2683
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:166 Resp: 177

Ion	Ratio	Lower	Upper
166	100		
165	102.9	78.5	117.7
167	39.2	12.7	19.1#

Instrument :
BNA_N
ClientSampleId :
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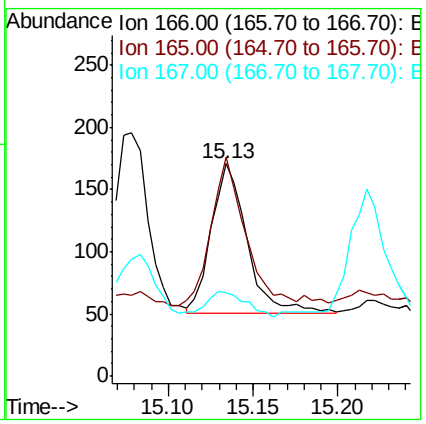
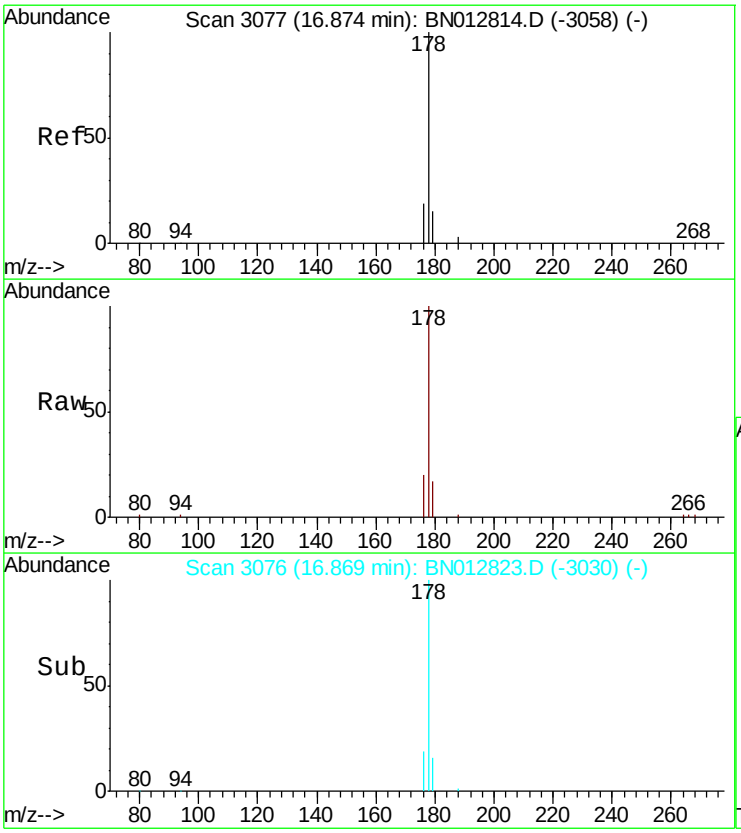
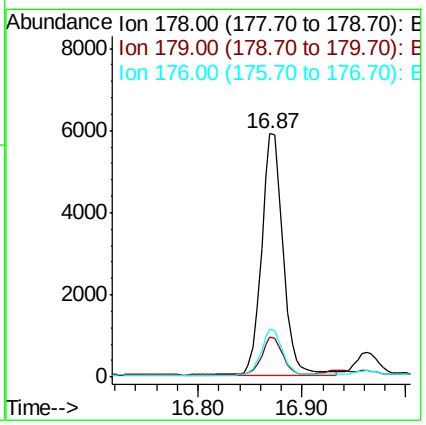


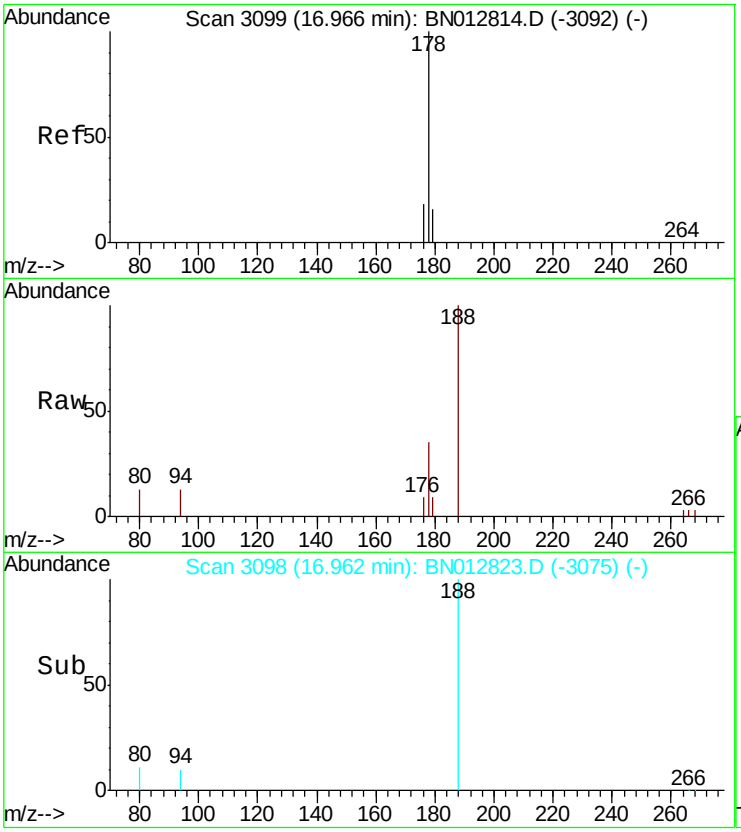


#12
Phenanthrene
Concen: 0.668 ng/ul
RT: 16.87 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:178 Resp: 8396

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.8	20.6
176	19.6	16.7	25.1





#13
Anthracene
Concen: 0.074 ng/ul
RT: 16.96 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:178 Resp: 803

Ion	Ratio	Lower	Upper
178	100		
179	25.8	14.8	22.2#
176	25.2	16.3	24.5#

Instrument :
BNA_N
ClientSampleId :
C0B09

Manual Integrations APPROVED
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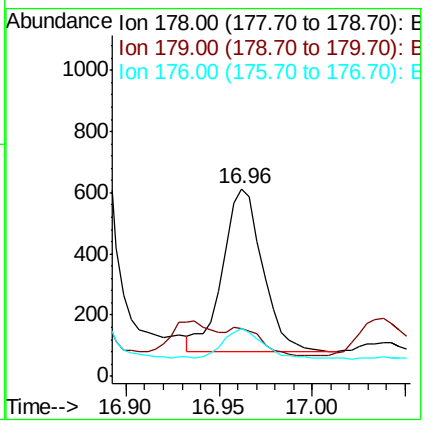
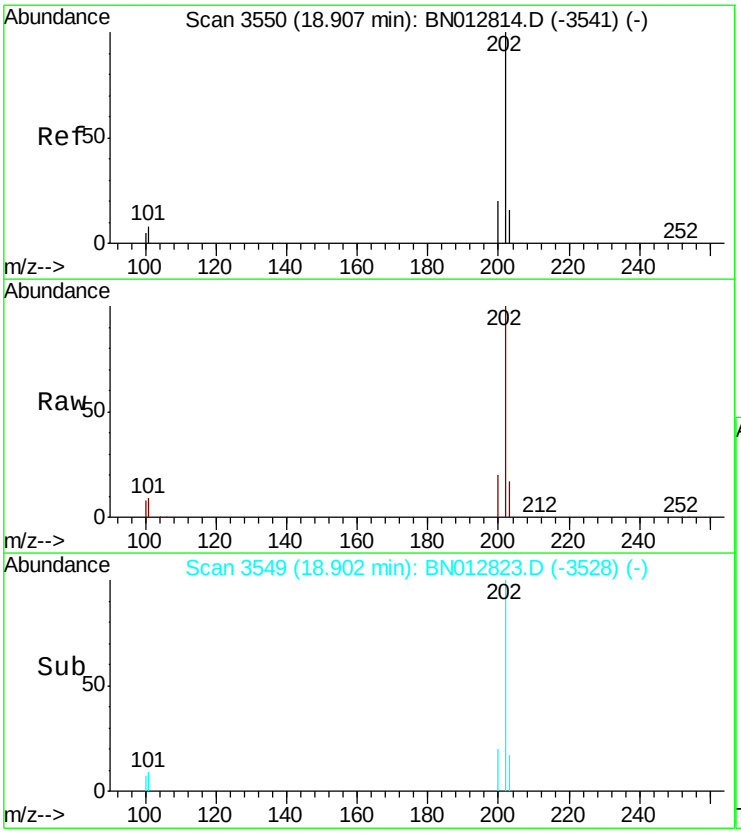
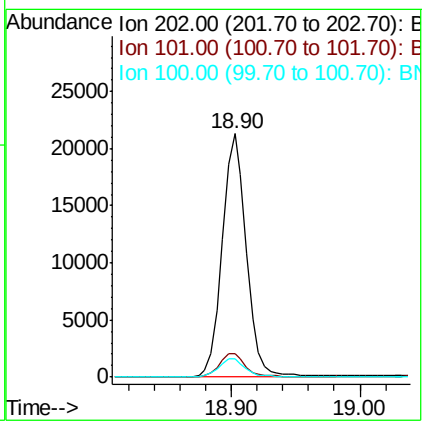


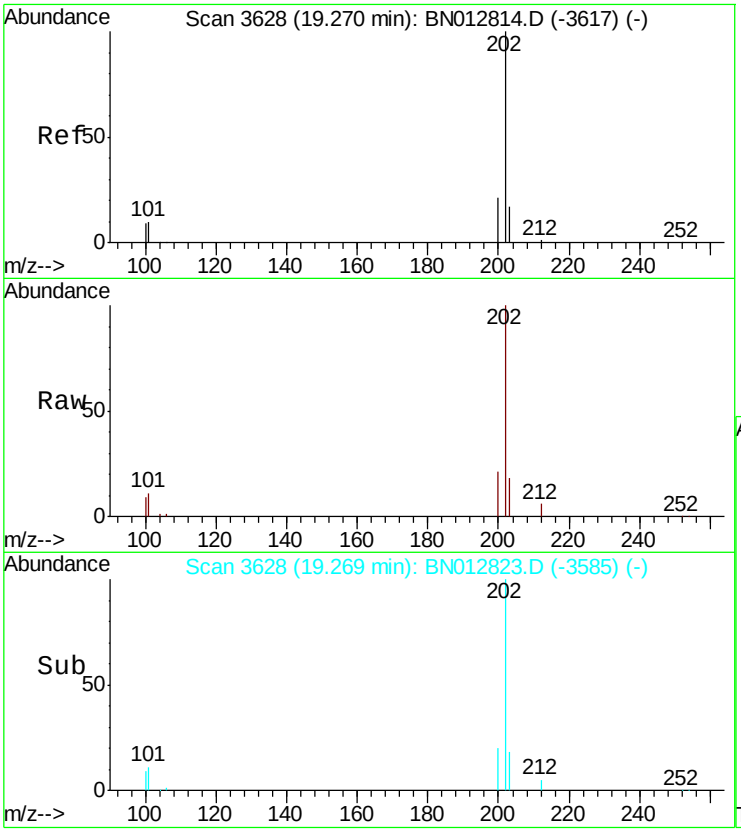


#15
Fluoranthene
Concen: 1.900 ng/ul
RT: 18.90 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:202 Resp: 27554

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.5
100	7.5	0.0	28.4





#17
Pyrene
Concen: 1.766 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:202 Resp: 24169

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.9	13.3
100	9.2	7.4	11.2

Instrument :
BNA_N
ClientSampleId :
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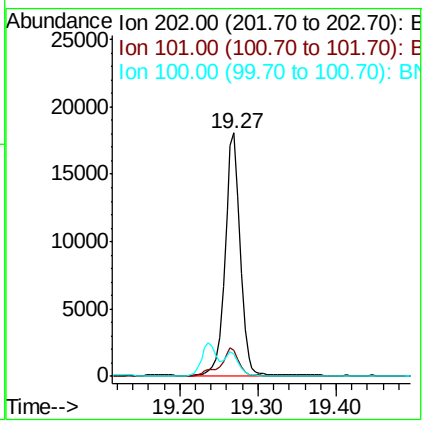
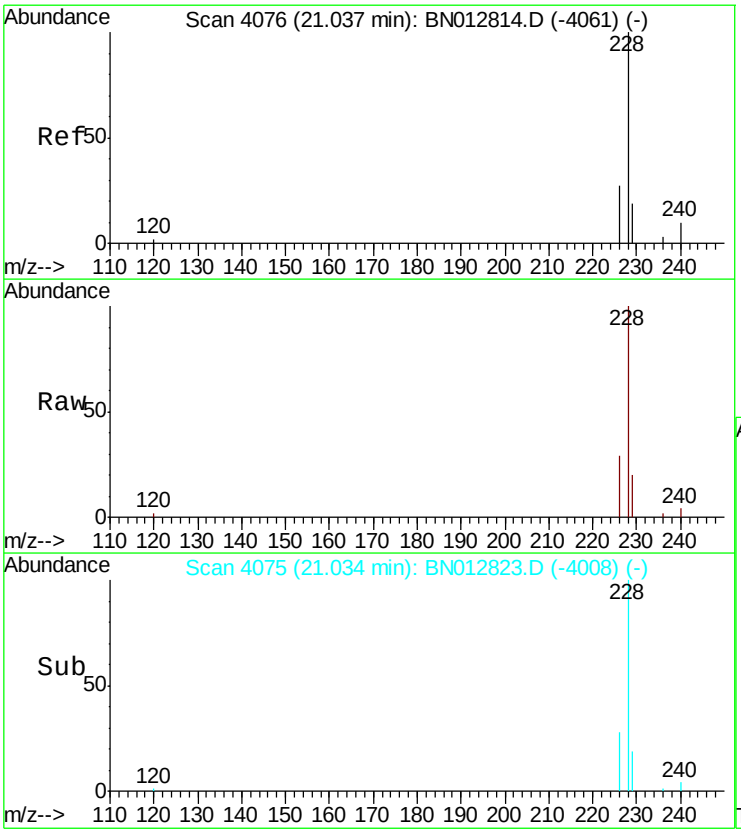
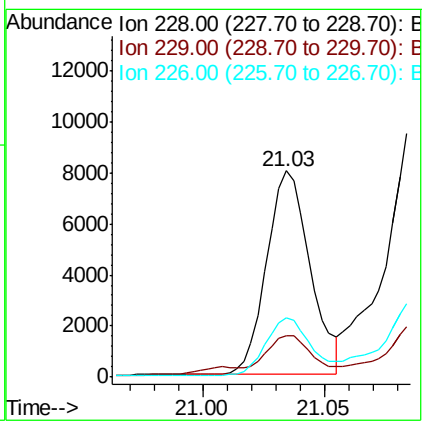


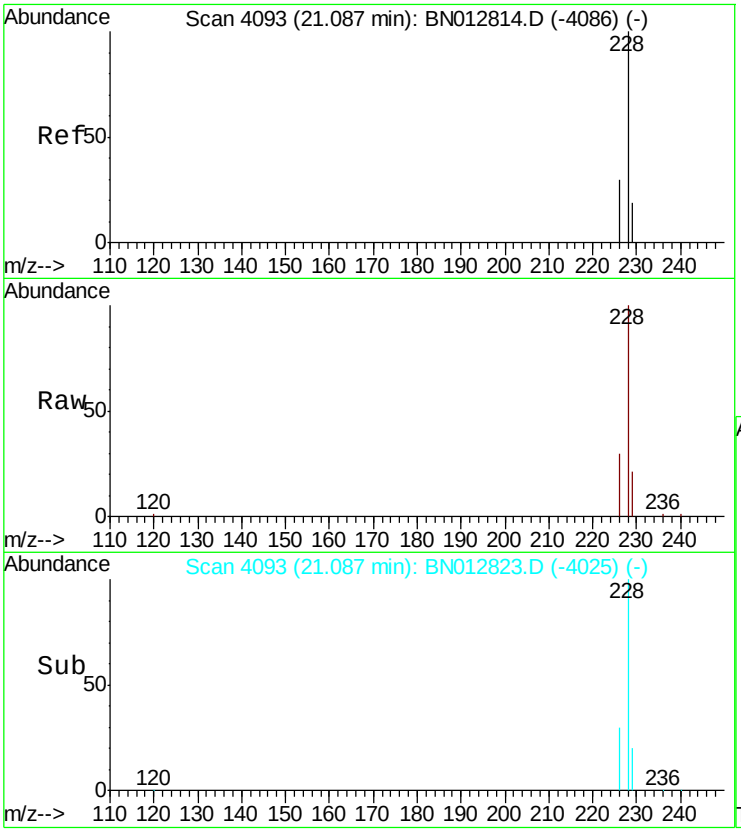


#18
Benzo(a)anthracene
Concen: 0.905 ng/ul
RT: 21.03 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:228 Resp: 9920

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.9	25.3
226	28.7	23.1	34.7

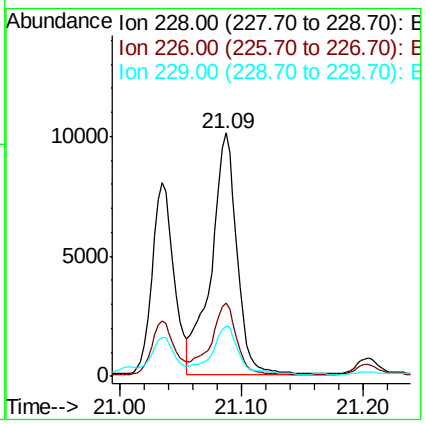




#19
Chrysene
Concen: 1.073 ng/ul
RT: 21.09 min Scan# 4093
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:228 Resp: 14697

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	20.9	16.1	24.1



Instrument :
BNA_N
ClientSampleId :
C0B09

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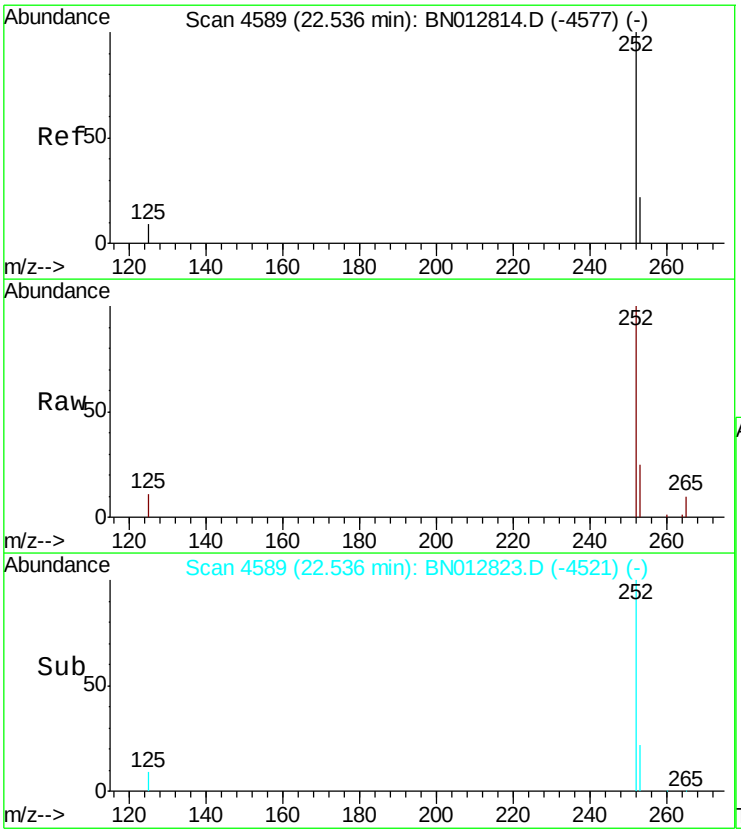
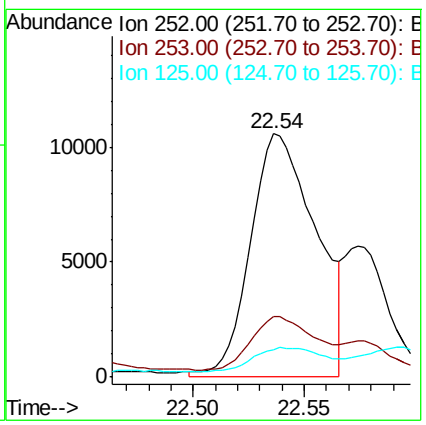
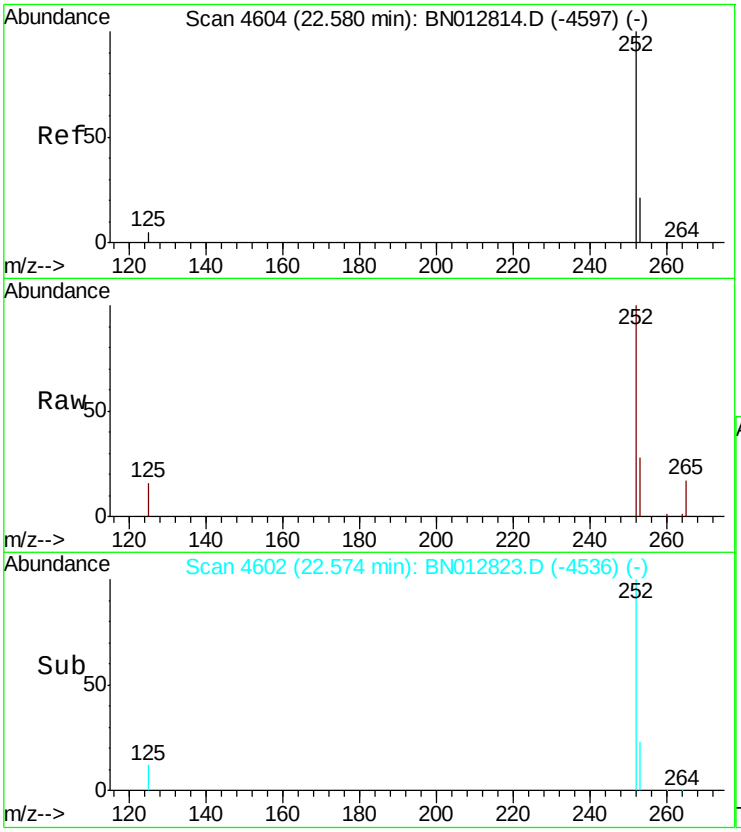


#21
Benzo(b)fluoranthene
Concen: 1.513 ng/ul m
RT: 22.54 min Scan# 4589
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:252 Resp: 21826

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	58.4
125	11.4	0.0	28.6





#22
Benzo(k)fluoranthene
Concen: 0.502 ng/ul m
RT: 22.57 min Scan# 4602
Delta R.T. -0.01 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:252 Resp: 8345

Ion	Ratio	Lower	Upper
252	100		
253	27.8	23.4	35.2
125	15.5	10.2	15.2#

Instrument :
BNA_N
ClientSampleId :
C0B09

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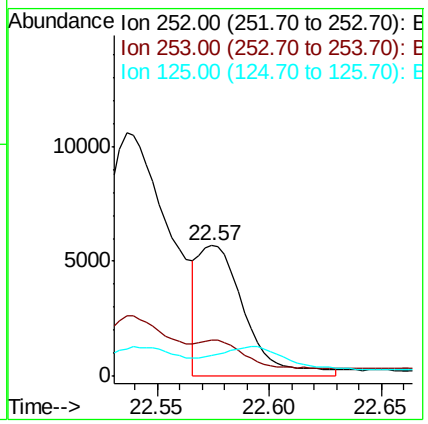
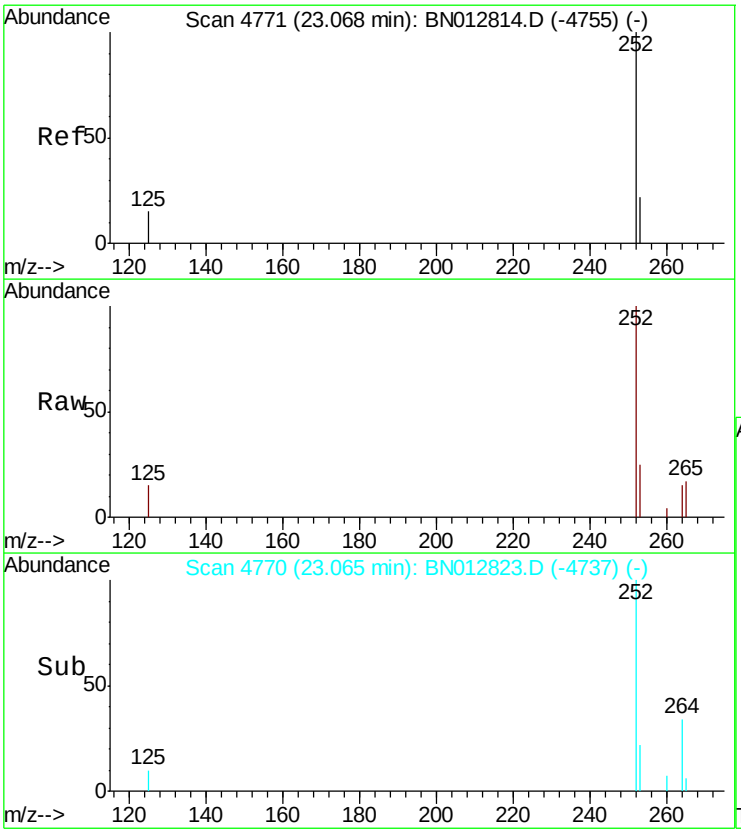
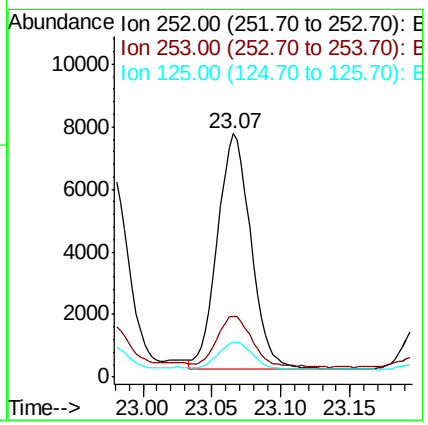


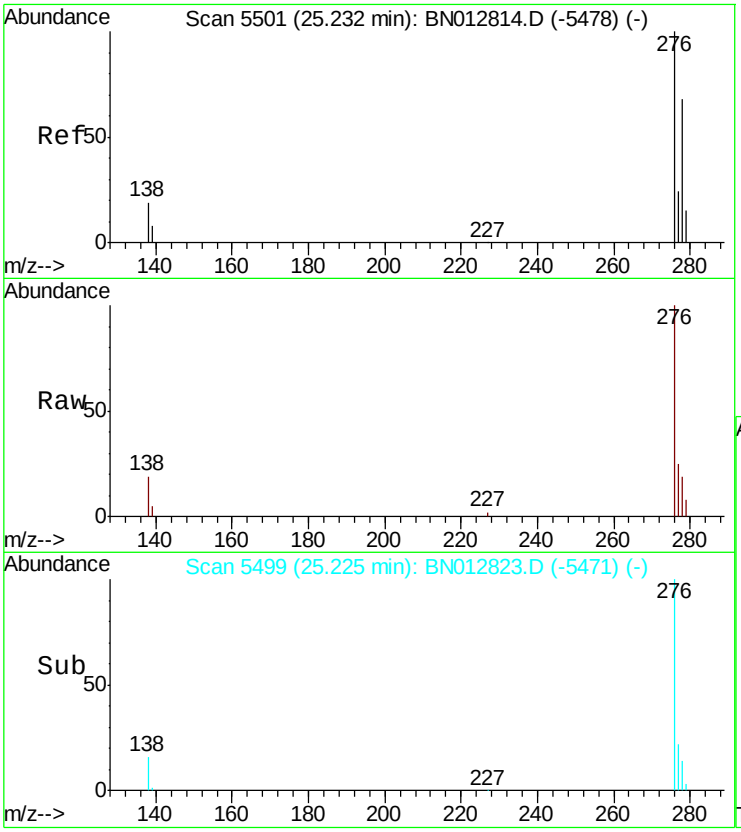


#23
Benzo(a)pyrene
Concen: 0.937 ng/ul
RT: 23.07 min Scan# 4770
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:252 Resp: 12712

Ion	Ratio	Lower	Upper
252	100		
253	24.7	27.6	41.4#
125	14.5	17.0	25.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.583 ng/ul
RT: 25.23 min Scan# 5499
Delta R.T. -0.01 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:276 Resp: 10348

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.5	24.7
227	0.2	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
C0B09

Manual Integrations APPROVED
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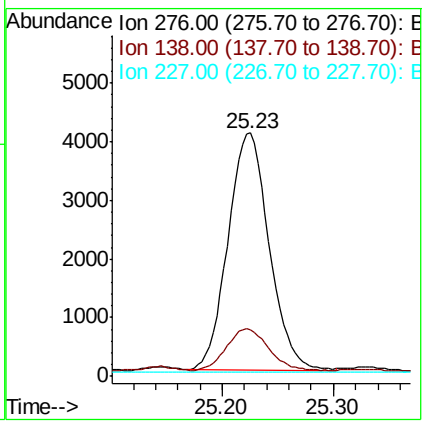
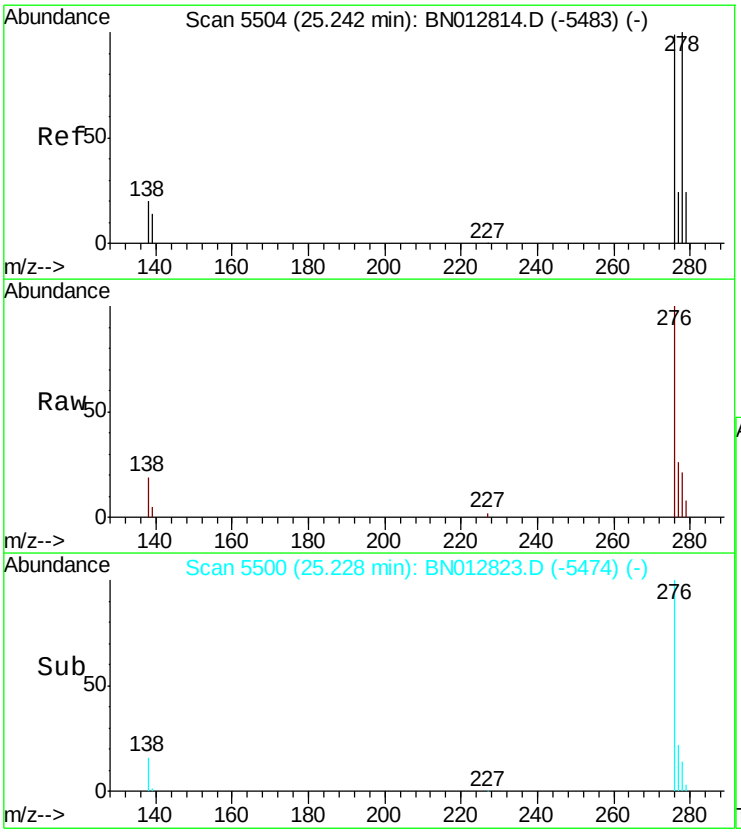
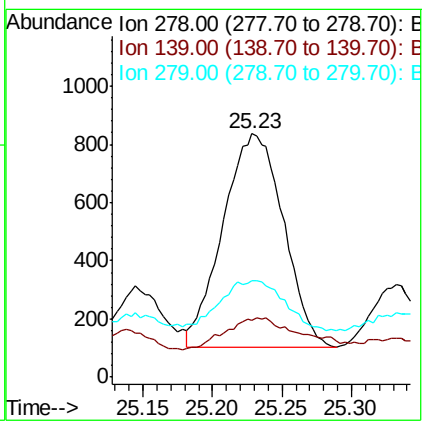


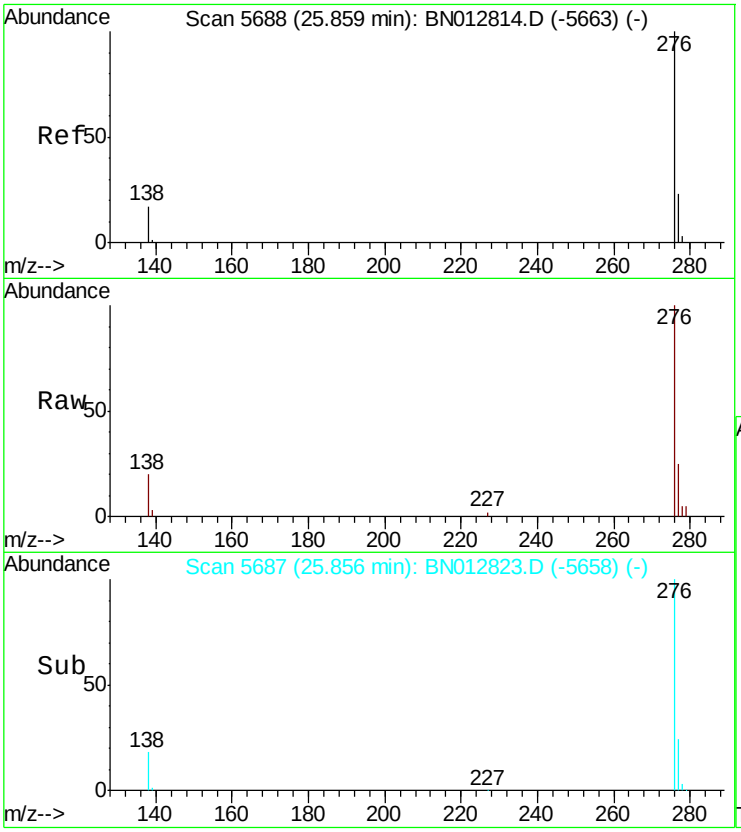


#25
Dibenzo(a,h)anthracene
Concen: 0.156 ng/ul
RT: 25.23 min Scan# 5500
Delta R.T. -0.01 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:278 Resp: 2228

Ion	Ratio	Lower	Upper
278	100		
139	23.2	13.8	20.8#
279	39.4	25.6	38.4#

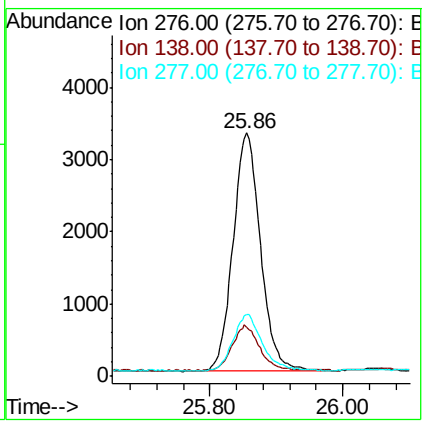




#26
Benzo(g,h,i)perylene
Concen: 0.598 ng/ul
RT: 25.86 min Scan# 5687
Delta R.T. -0.00 min
Lab File: BN012823.D
Acq: 02 Dec 2020 17:08

Tgt Ion:276 Resp: 9554

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.3	24.5
277	25.4	21.8	32.8



Instrument :
BNA_N
ClientSampleId :
C0B09

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