Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012976.D
Acq On : 08 Dec 2020 15:28
Operator : CG/JU
Sample : L4859-04DL 10X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B94DL

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Quant Time: Dec 08 16:33:17 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 : Tue Dec 08 14:22:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1059	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4274	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2300	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4648	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3722	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3488	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	70	0.01	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	156	0.01	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.76	152	381	0.035	ng/ul#	75
8) Acenaphthene	14.11	153	194	0.022	ng/ul	90
9) Fluorene	15.12	166	240	0.023	ng/ul#	92
12) Phenanthrene	16.85	178	5929	0.380	ng/ul	99
13) Anthracene	16.94	178	1234	0.093	ng/ul	95
15) Fluoranthene	18.88	202	18242	0.985	ng/ul	97
17) Pyrene	19.25	202	16401	0.933	ng/ul	97
18) Benzo(a)anthracene	21.02	228	8935	0.580	ng/ul	99
19) Chrysene	21.07	228	9816	0.577	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	12297m	0.762	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	4438m	0.249	ng/ul	
23) Benzo(a)pyrene	23.04	252	8048	0.538	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.19	276	5359	0.272	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	1338	0.086	ng/ul#	61
26) Benzo(g,h,i)perylene	25.82	276	4561	0.256	ng/ul#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012976.D
Acq On : 08 Dec 2020 15:28
Operator : CG/JU
Sample : L4859-04DL 10X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 08 16:33:17 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 : Tue Dec 08 14:22:19 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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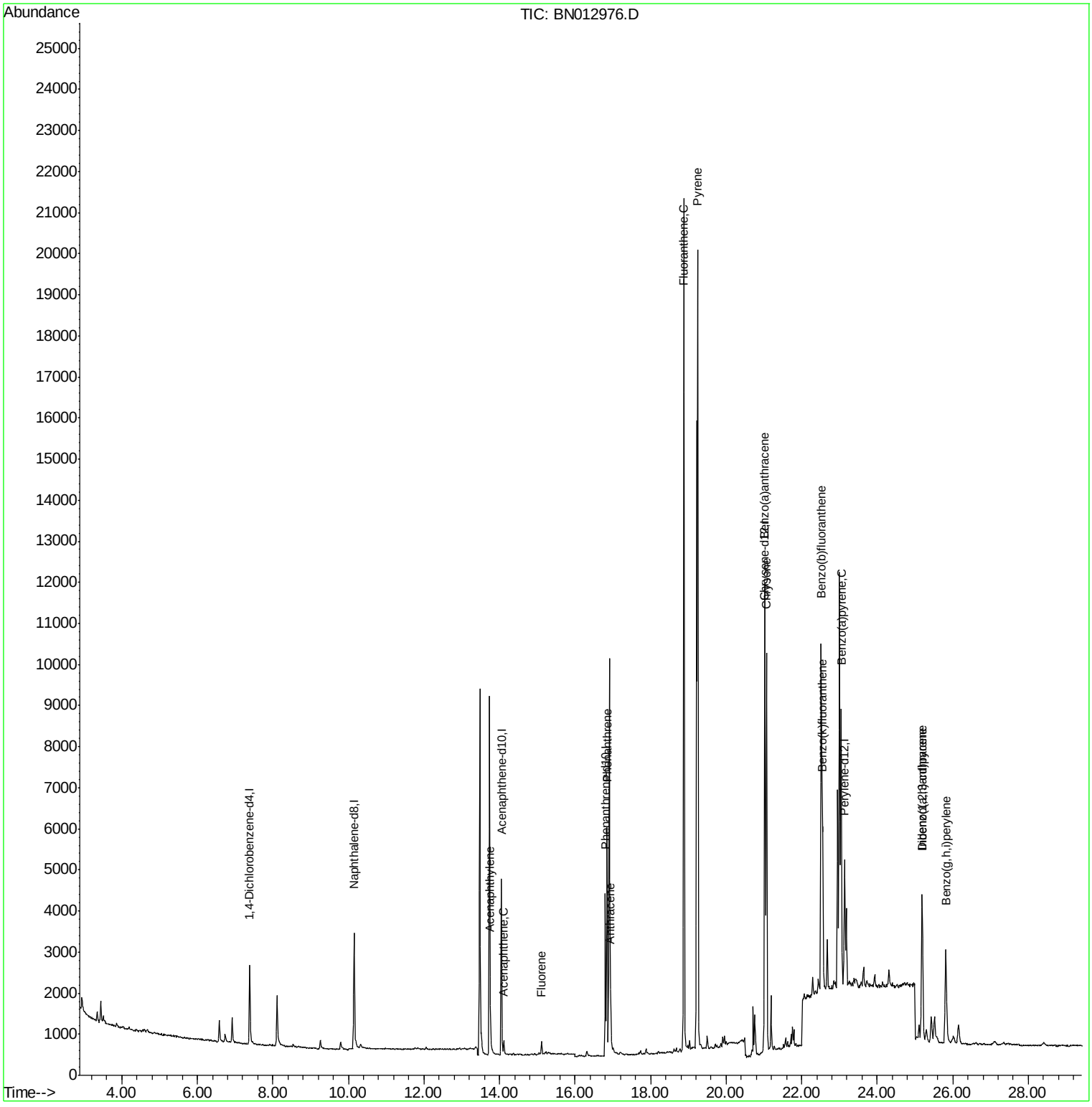

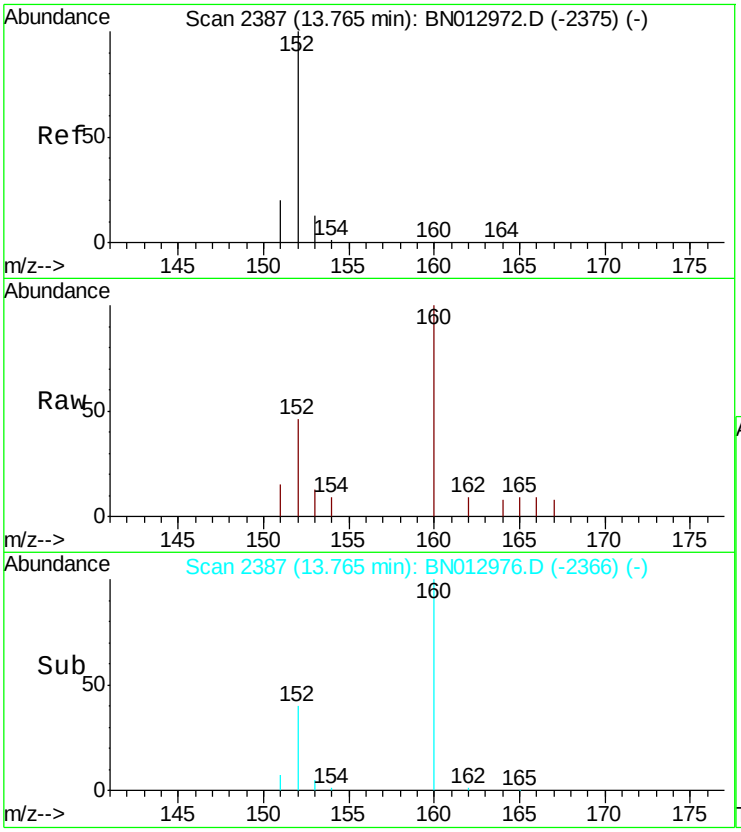

#7
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:152 Resp: 381

Ion	Ratio	Lower	Upper
152	100		
151	33.3	18.2	27.4#
153	28.5	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
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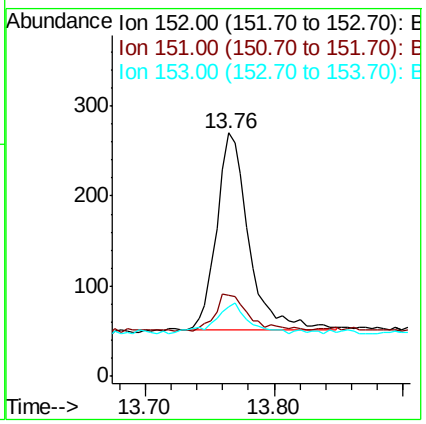
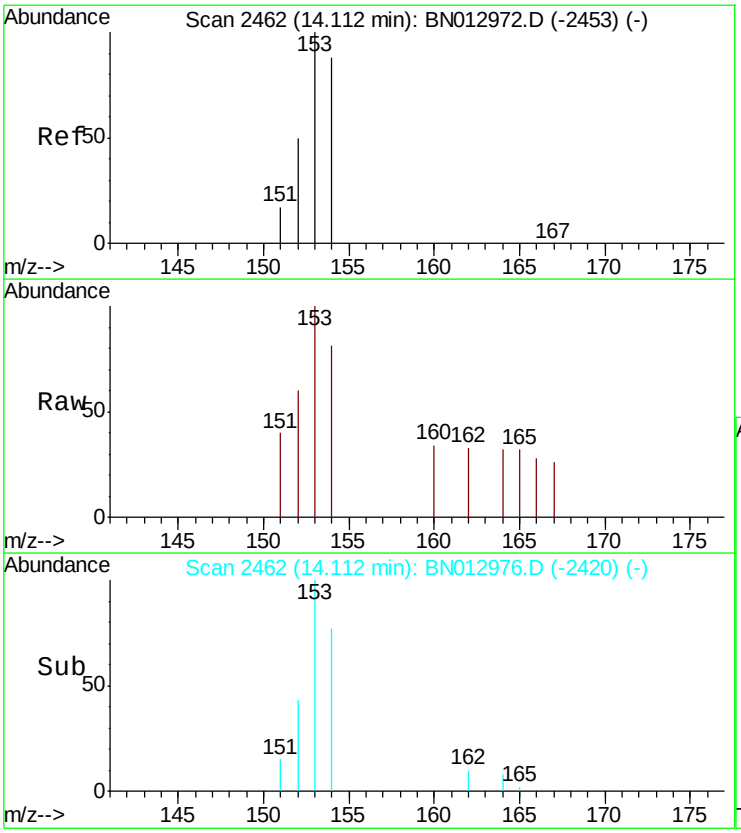
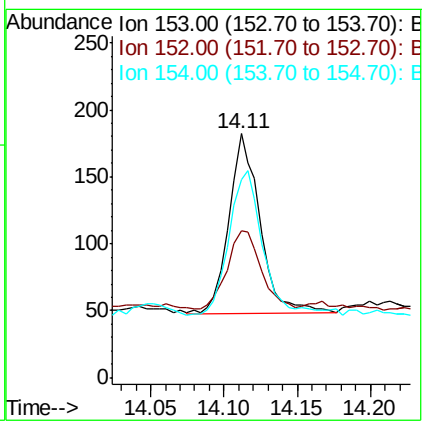


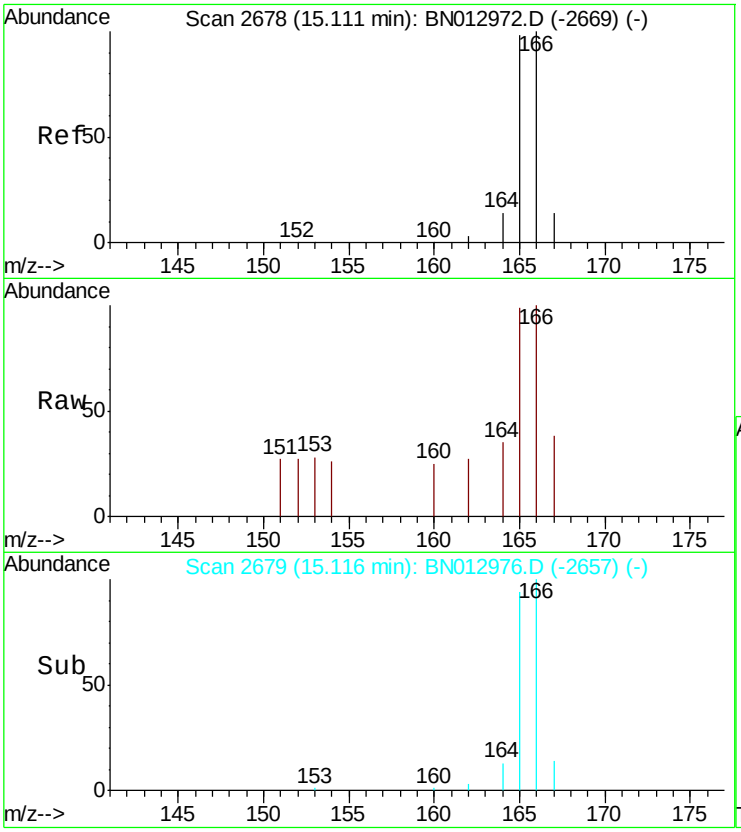


#8
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.11 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:153 Resp: 194

Ion	Ratio	Lower	Upper
153	100		
152	60.4	40.7	61.1
154	81.3	70.8	106.2





#9
Fluorene
Concen: 0.023 ng/ul
RT: 15.12 min Scan# 2679
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:166 Resp: 240

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	37.7	13.8	20.8#

Instrument :
BNA_N
ClientSampleId :
C0B94DL

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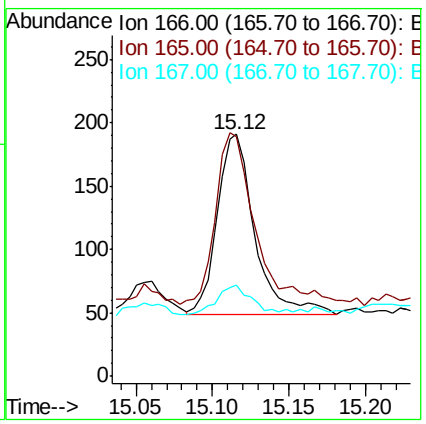
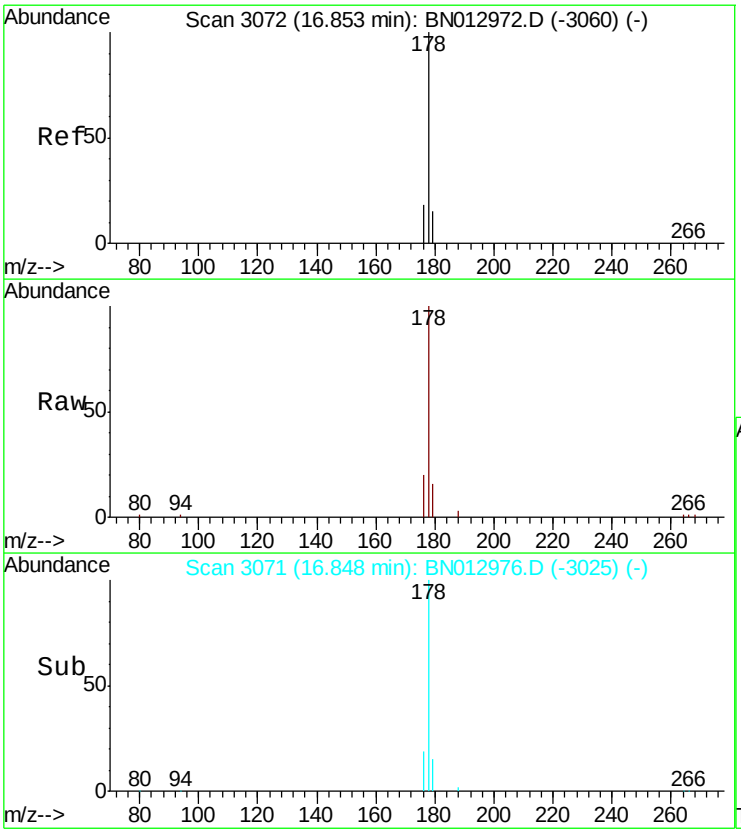
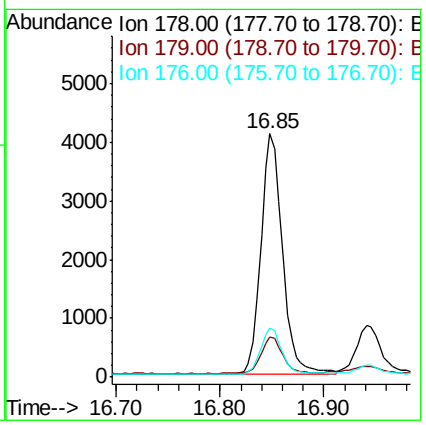


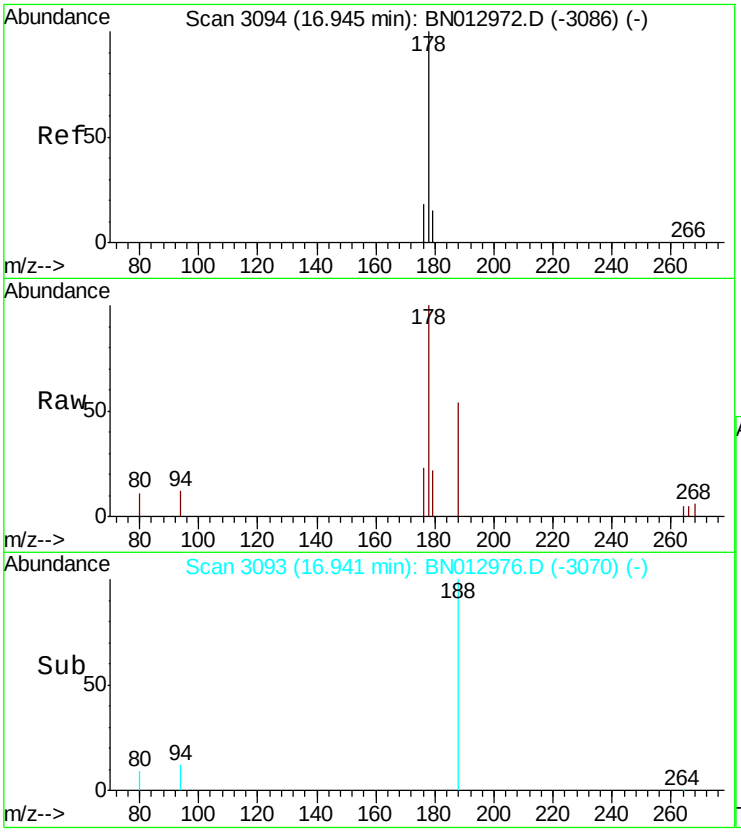


#12
Phenanthrene
Concen: 0.380 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:178 Resp: 5929

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.6	20.4
176	20.1	16.4	24.6





#13
Anthracene
Concen: 0.093 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:178 Resp: 1234

Ion	Ratio	Lower	Upper
178	100		
179	21.7	14.6	21.8
176	23.0	17.1	25.7

Instrument :
BNA_N
ClientSampleId :
C0B94DL

Manual Integrations APPROVED
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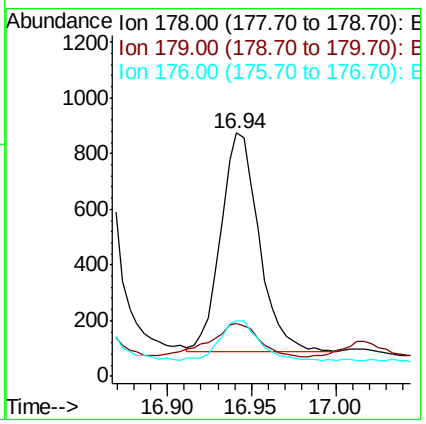
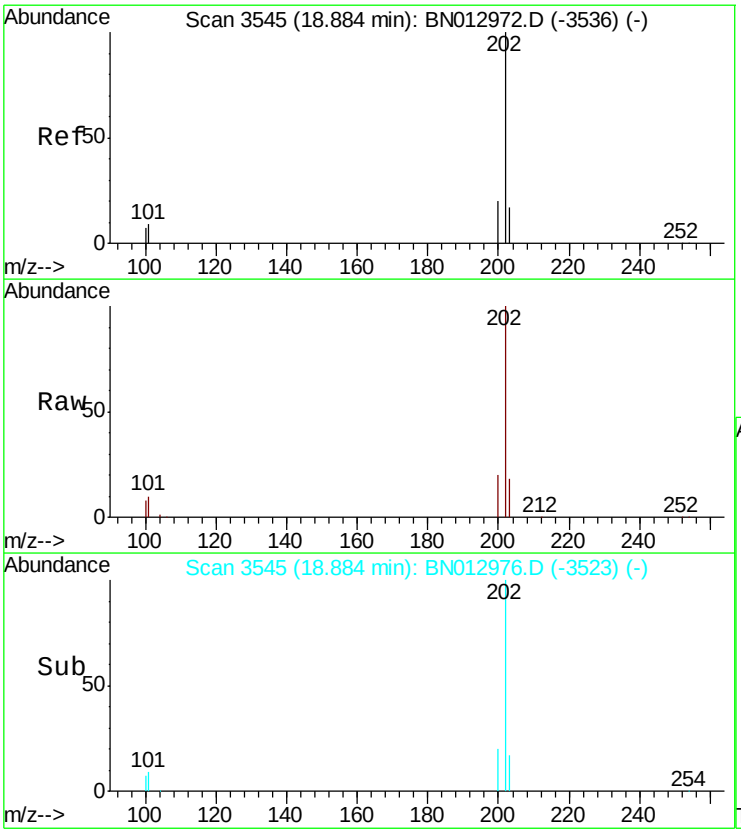
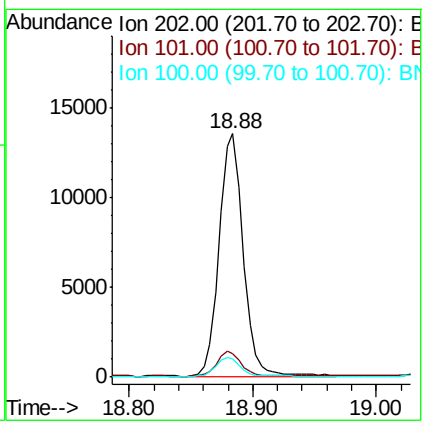


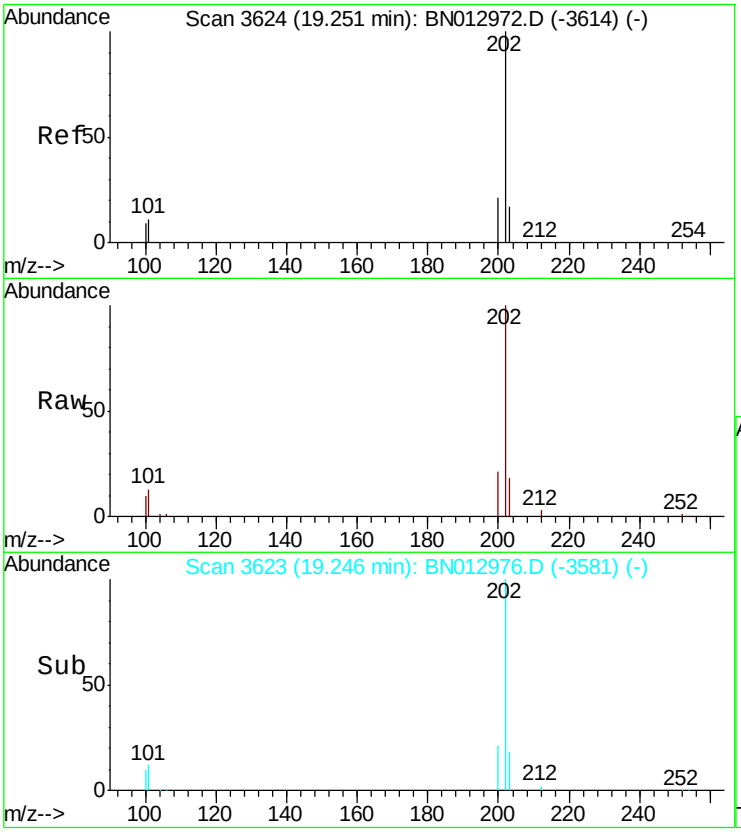


#15
Fluoranthene
Concen: 0.985 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:202 Resp: 18242

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.6
100	7.6	0.0	28.7





#17
Pyrene
Concen: 0.933 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:202 Resp: 16401

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.1	13.7
100	10.4	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0B94DL

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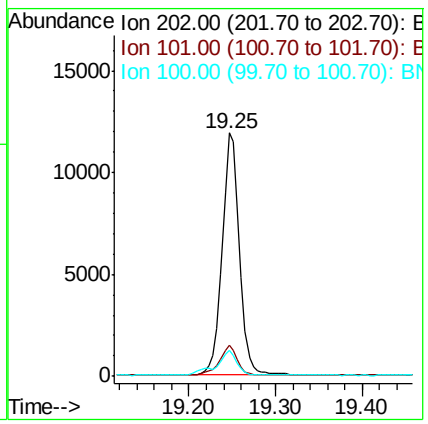
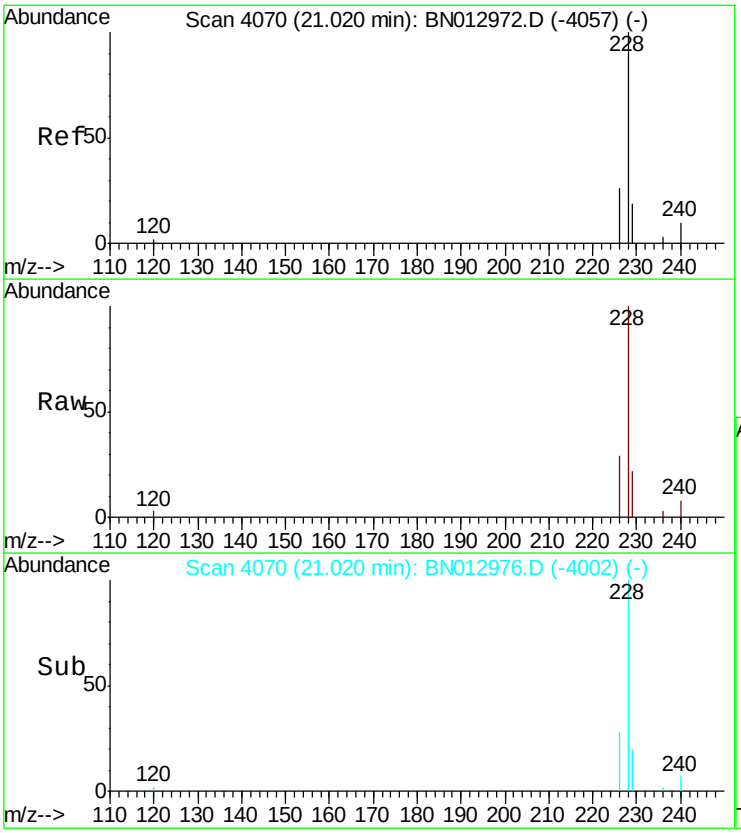
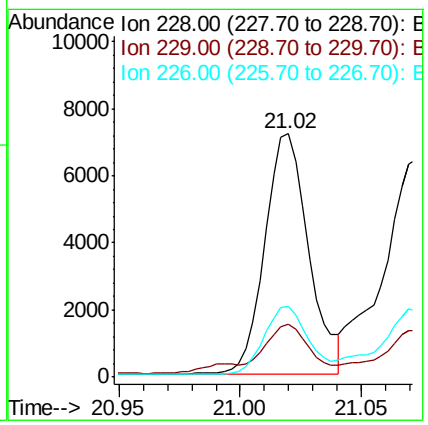


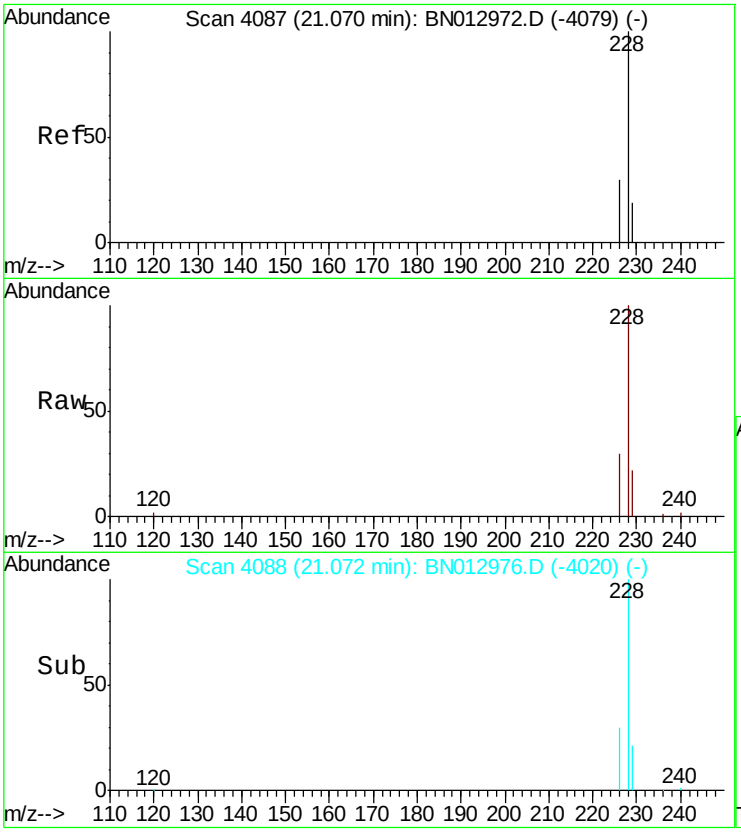


#18
Benzo(a)anthracene
Concen: 0.580 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:228 Resp: 8935

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.3	24.5
226	29.2	23.4	35.2

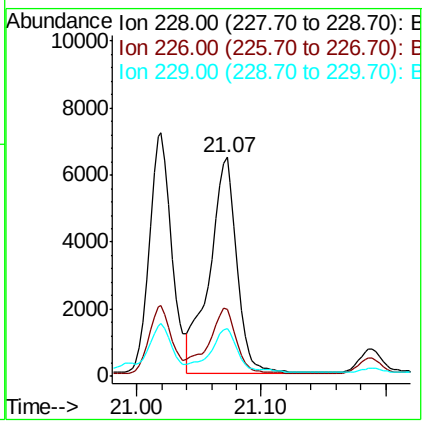




#19
Chrysene
Concen: 0.577 ng/ul
RT: 21.07 min Scan# 4088
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:228 Resp: 9816

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.0	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B94DL

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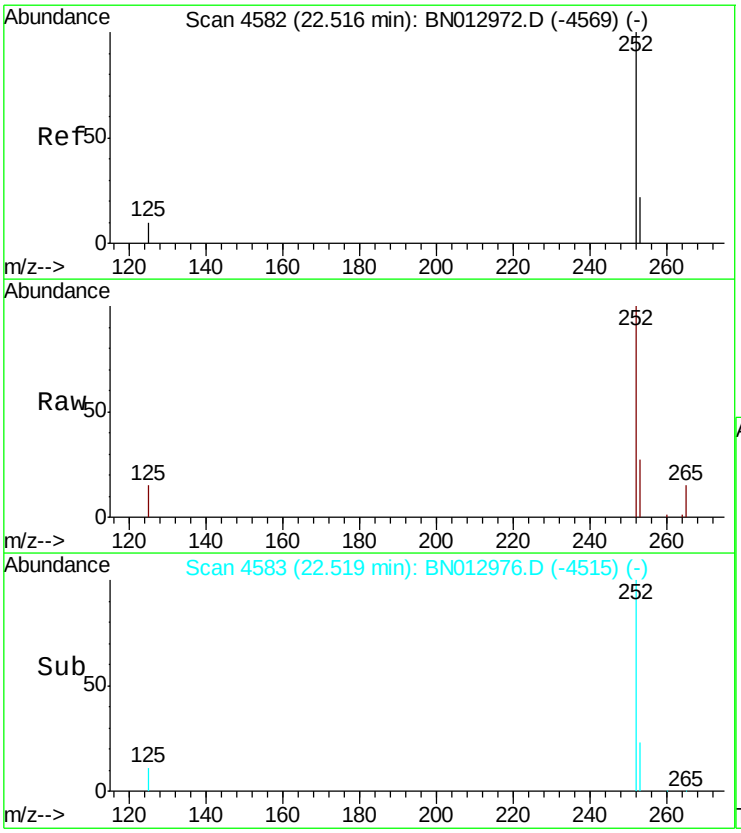
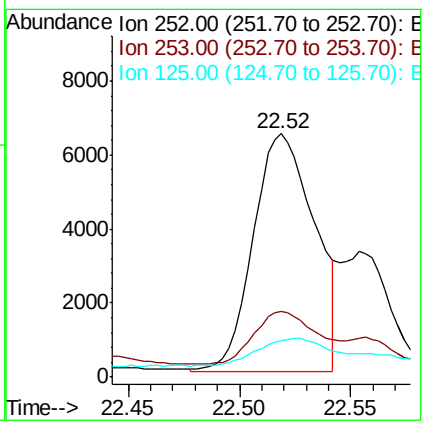
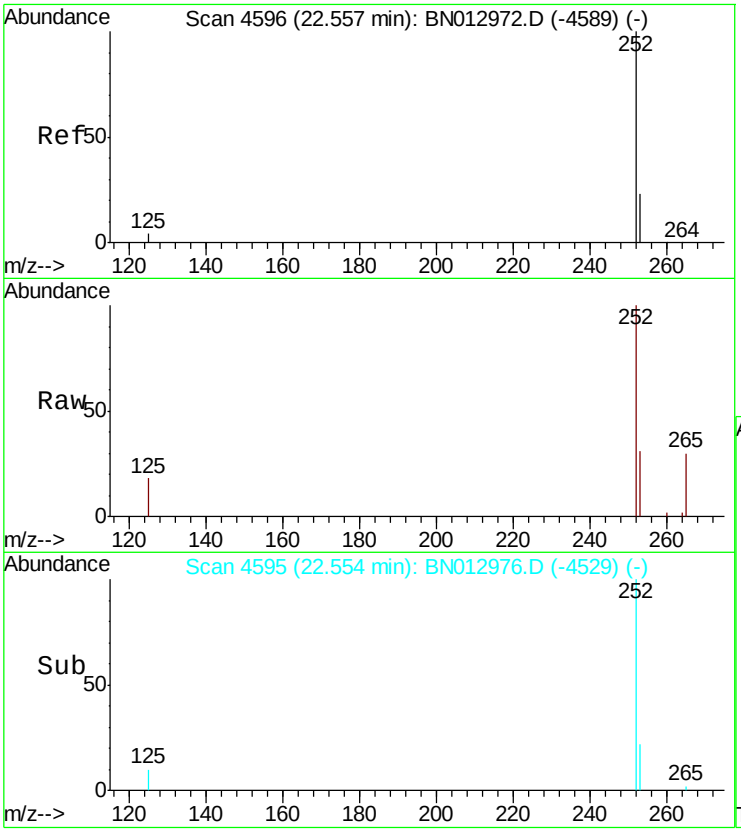


#21
Benzo(b)fluoranthene
Concen: 0.762 ng/ul m
RT: 22.52 min Scan# 4583
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:252 Resp: 12297

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	59.6
125	15.0	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 0.249 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:252 Resp: 4438

Ion	Ratio	Lower	Upper
252	100		
253	30.9	23.4	35.2
125	18.2	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0B94DL

Manual Integrations APPROVED
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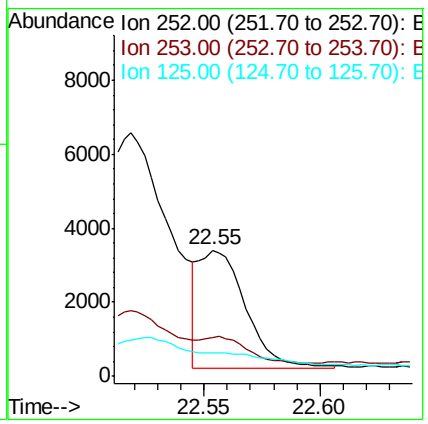
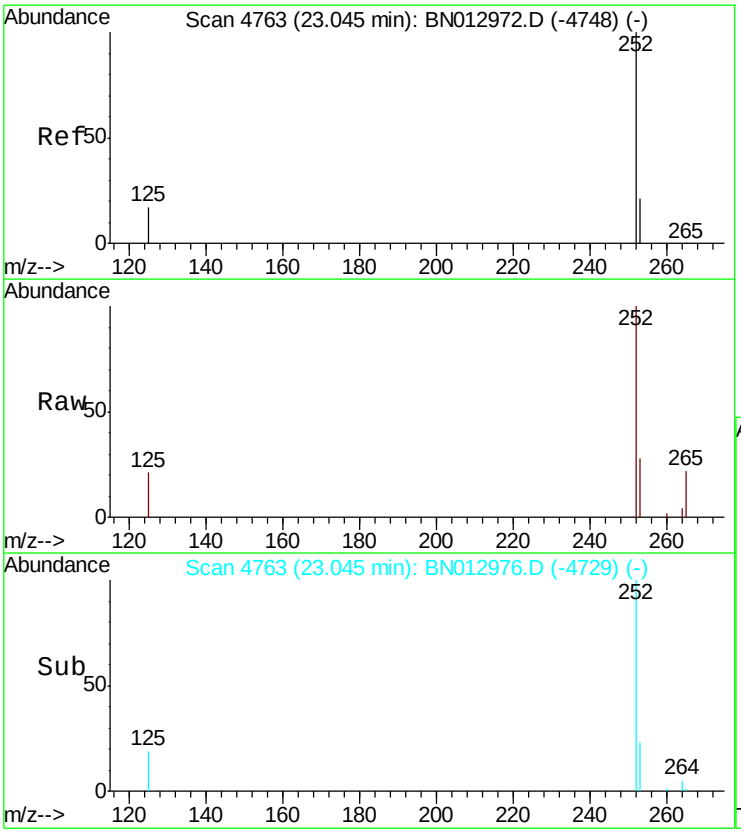
12/9/2020 12:24:54 PM

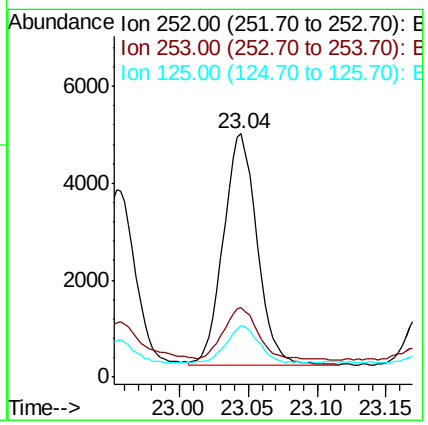


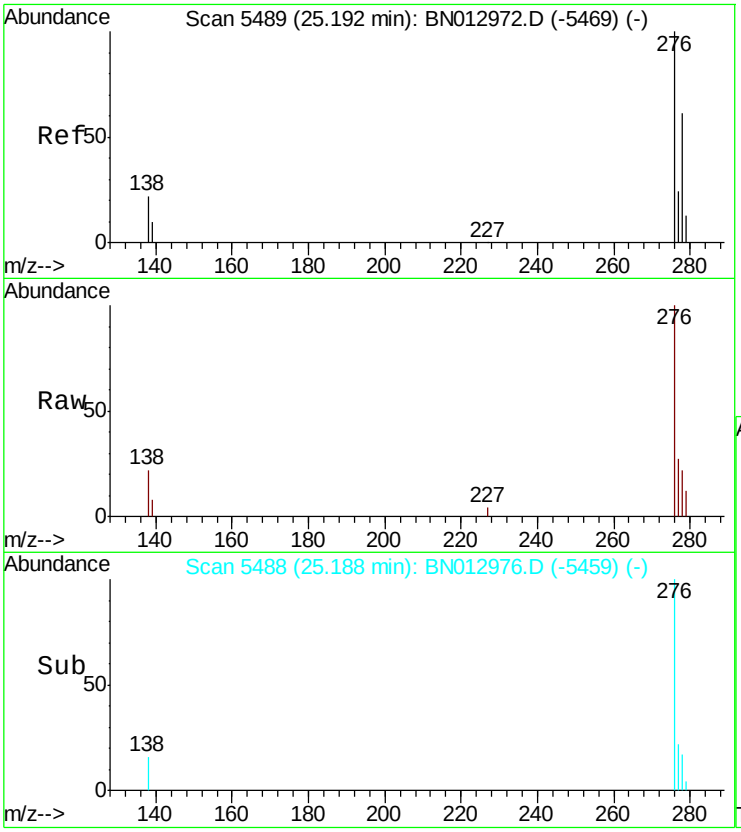


#23
Benzo(a)pyrene
Concen: 0.538 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:252 Resp: 8048

Ion	Ratio	Lower	Upper
252	100		
253	28.4	26.5	39.7
125	21.0	14.2	21.2





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:276 Resp: 5359

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.4	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0B94DL

Manual Integrations APPROVED
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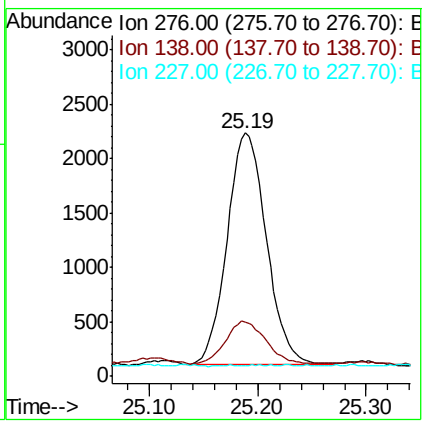
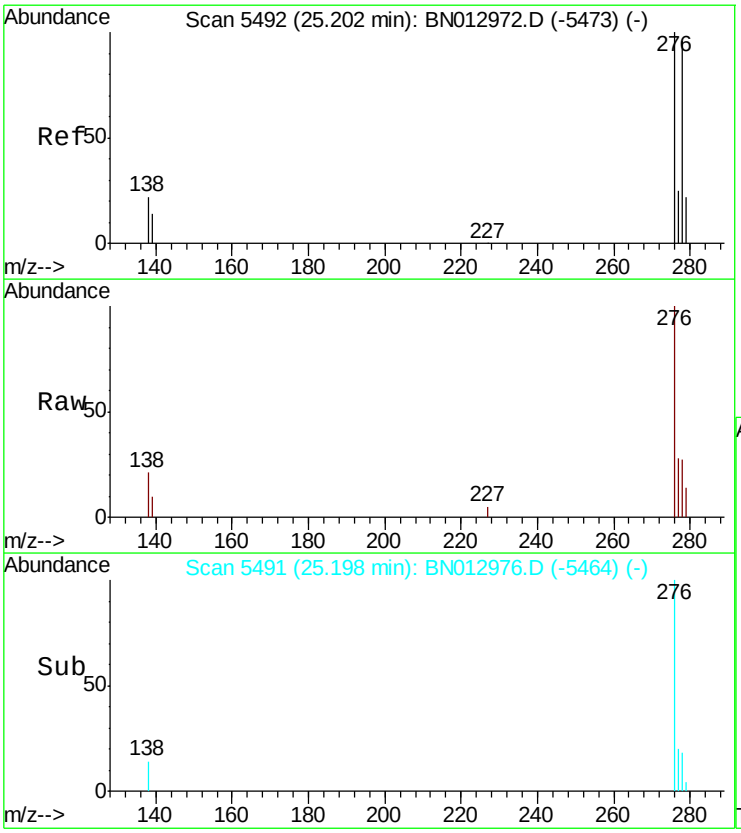
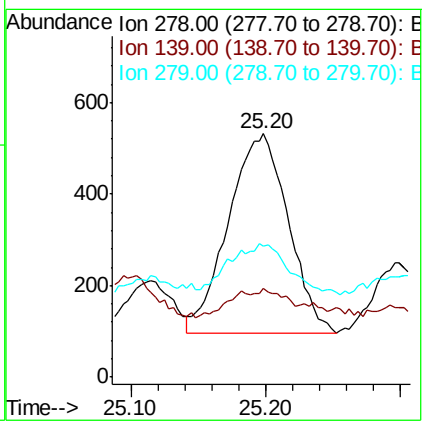


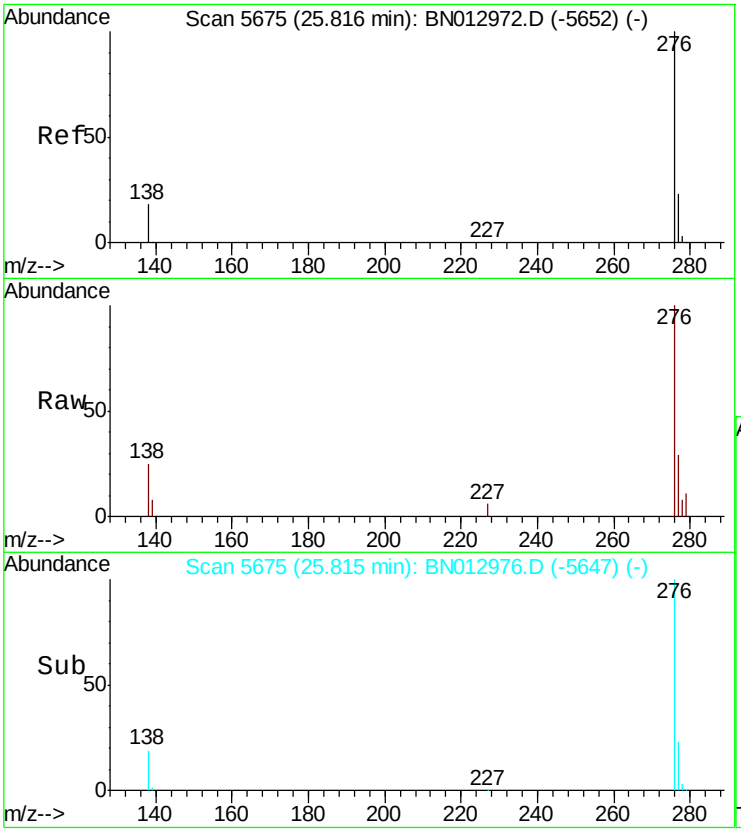


#25
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.01 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:278 Resp: 1338

Ion	Ratio	Lower	Upper
278	100		
139	36.7	14.5	21.7#
279	53.9	26.3	39.5#

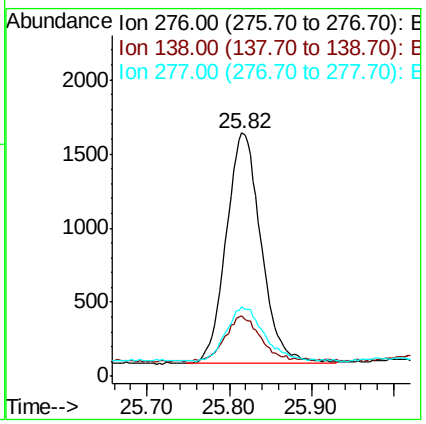




#26
Benzo(g,h,i)perylene
Concen: 0.256 ng/ul
RT: 25.82 min Scan# 5675
Delta R.T. -0.01 min
Lab File: BN012976.D
Acq: 08 Dec 2020 15:28

Tgt Ion:276 Resp: 4561

Ion	Ratio	Lower	Upper
276	100		
138	24.7	16.3	24.5#
277	28.5	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0B94DL

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