Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012968.D
Acq On : 08 Dec 2020 09:44
Operator : CG/JU
Sample : L4864-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AZ5

Manual Integrations APPROVED
mohammad
12/9/2020 12:24:30 PM

Quant Time: Dec 08 12:06:06 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 : Mon Dec 07 12:24:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1208	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5019	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2755	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5738	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4488	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3765	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1844	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	4136	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	435	0.030	ng/ul#	75
5) 2-Methylnaphthalene	11.84	142	257	0.027	ng/ul	98
7) Acenaphthylene	13.76	152	656	0.050	ng/ul#	84
8) Acenaphthene	14.11	153	584	0.055	ng/ul	97
9) Fluorene	15.11	166	798	0.065	ng/ul#	96
12) Phenanthrene	16.85	178	28066	1.459	ng/ul	97
13) Anthracene	16.94	178	3405	0.208	ng/ul	98
15) Fluoranthene	18.88	202	92812	4.060	ng/ul	97
17) Pyrene	19.25	202	76505	3.609	ng/ul	100
18) Benzo(a)anthracene	21.02	228	35372	1.905	ng/ul	99
19) Chrysene	21.07	228	50321	2.453	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	64784m	3.719	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	23185m	1.204	ng/ul	
23) Benzo(a)pyrene	23.04	252	34562	2.138	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.19	276	26306	1.239	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	6018	0.358	ng/ul#	96
26) Benzo(g,h,i)perylene	25.82	276	24400	1.271	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012968.D
Acq On : 08 Dec 2020 09:44
Operator : CG/JU
Sample : L4864-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 08 12:06:06 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 : Mon Dec 07 12:24:06 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
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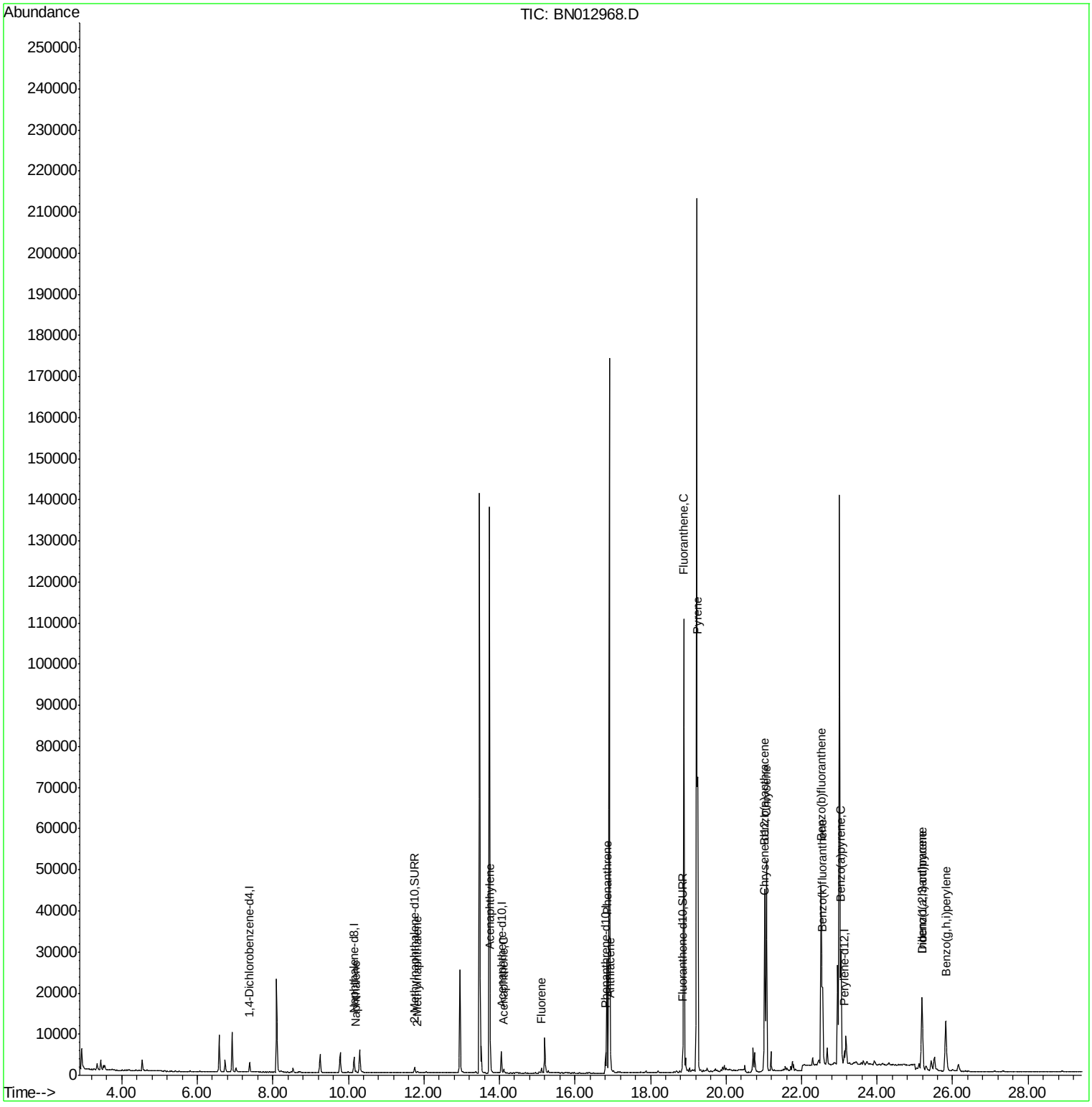

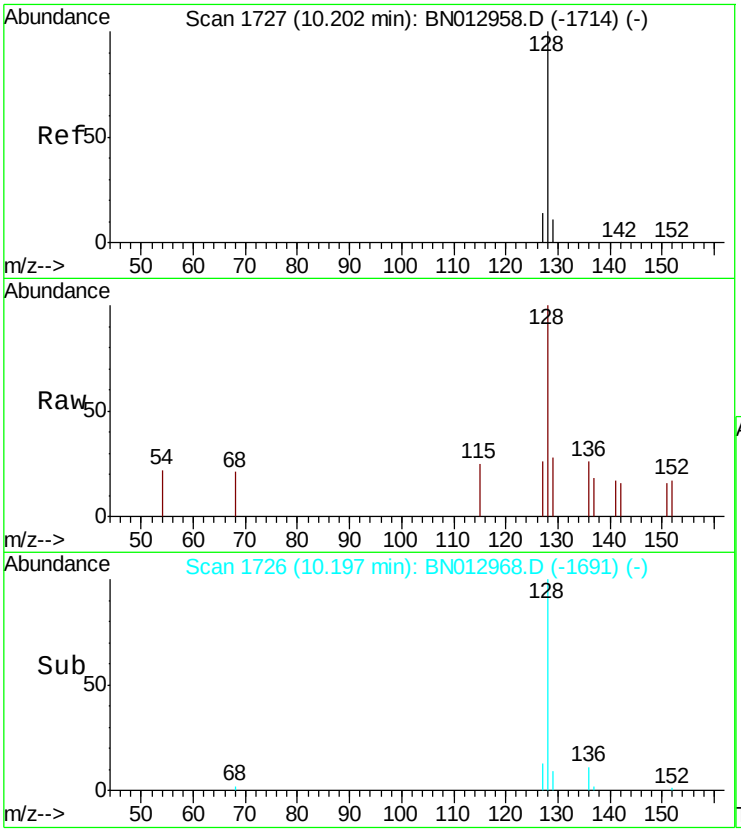

#3
Naphthalene
Concen: 0.030 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:128 Resp: 435

Ion	Ratio	Lower	Upper
128	100		
129	28.1	12.3	18.5#
127	26.5	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
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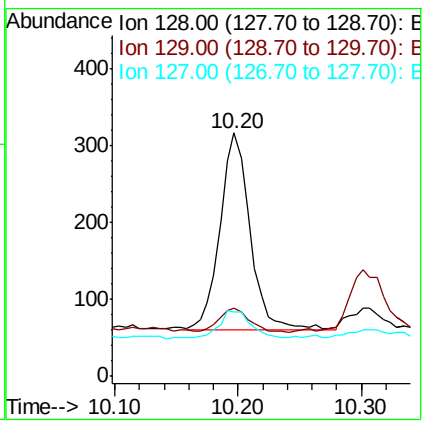
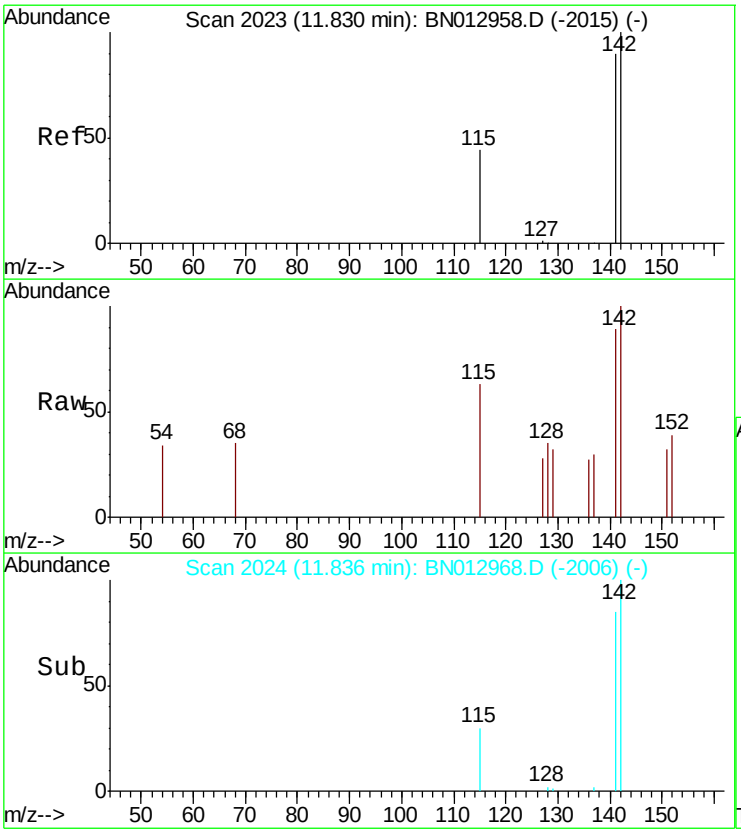
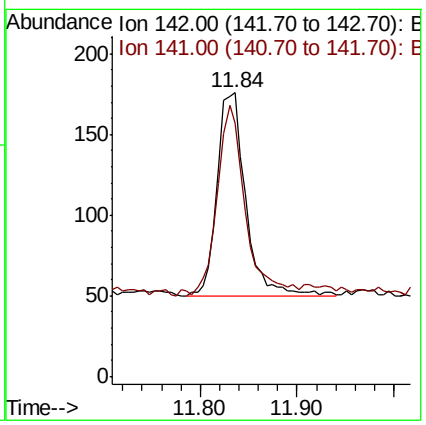


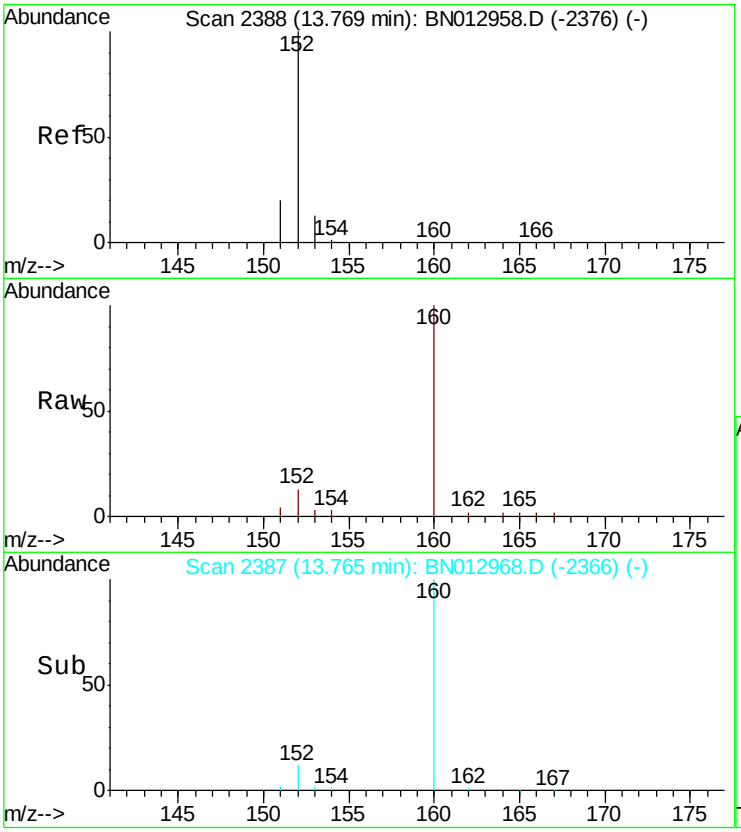


#5
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:142 Resp: 257

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.0	109.6

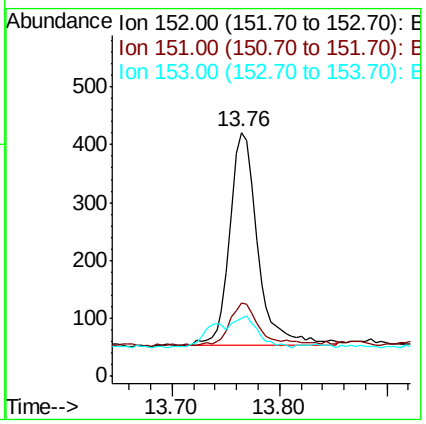




#7
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:152 Resp: 656

Ion	Ratio	Lower	Upper
152	100		
151	30.2	18.2	27.4#
153	23.8	13.1	19.7#



Instrument :
BNA_N
ClientSampleId :
C0AZ5

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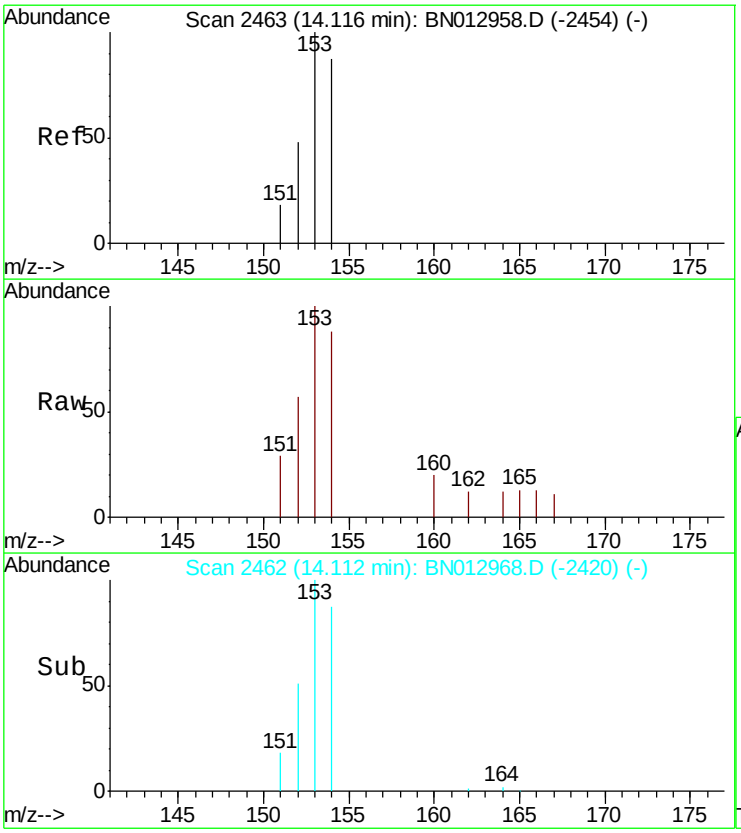
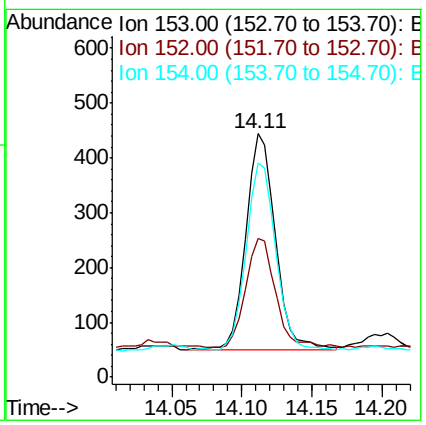
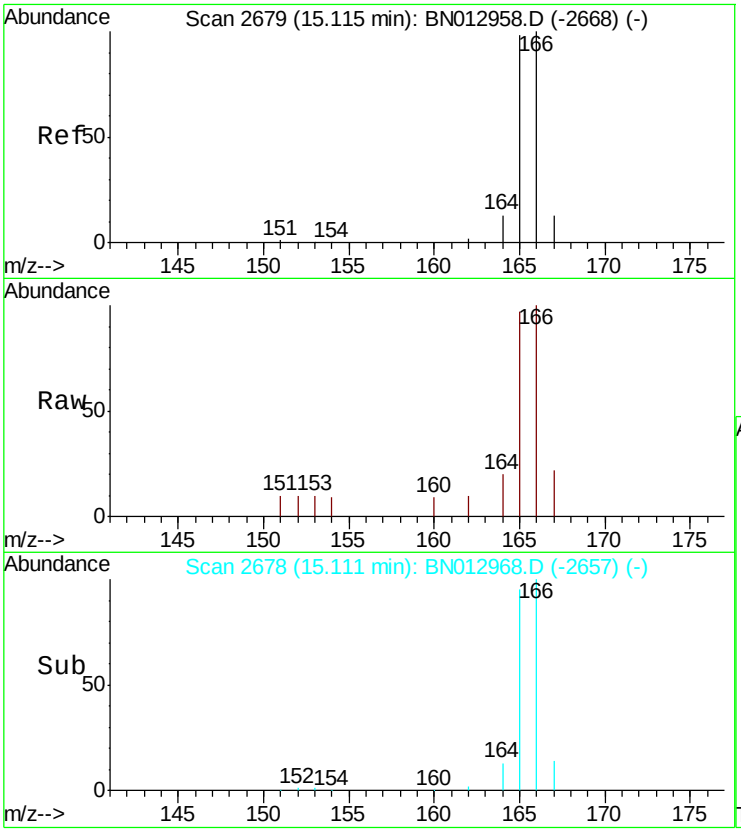


#8
Acenaphthene
Concen: 0.055 ng/ul
RT: 14.11 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:153 Resp: 584

Ion	Ratio	Lower	Upper
153	100		
152	57.0	40.7	61.1
154	88.1	70.8	106.2

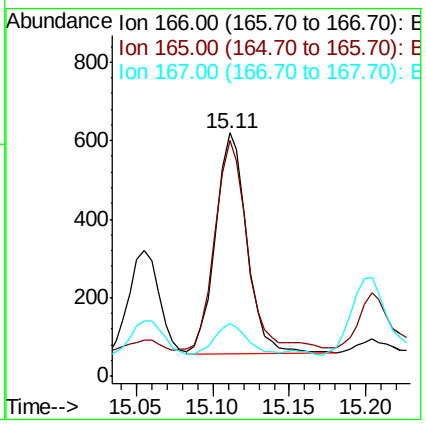




#9
Fluorene
Concen: 0.065 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:166 Resp: 798

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.8
167	21.9	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
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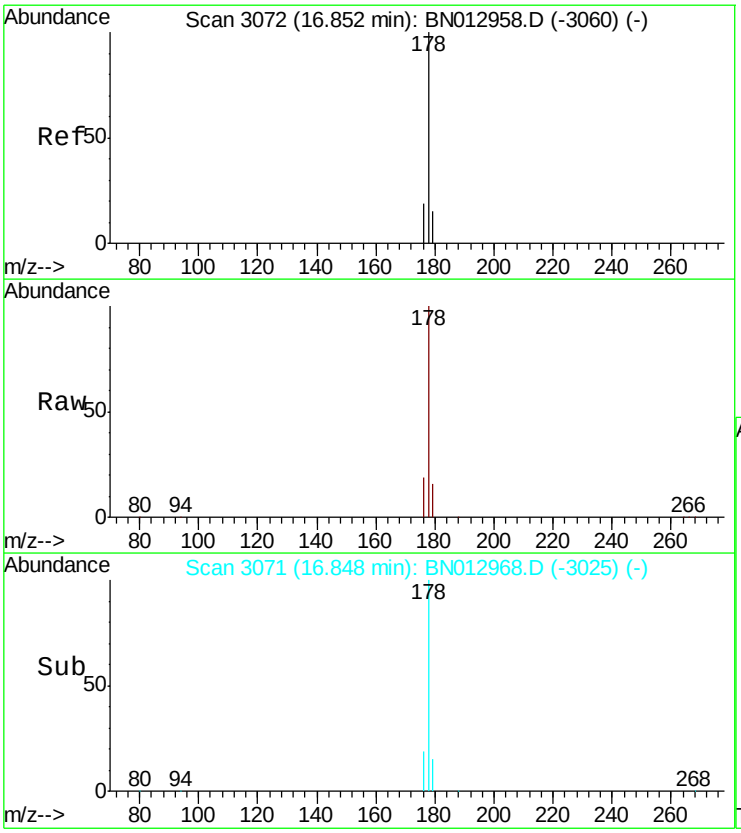
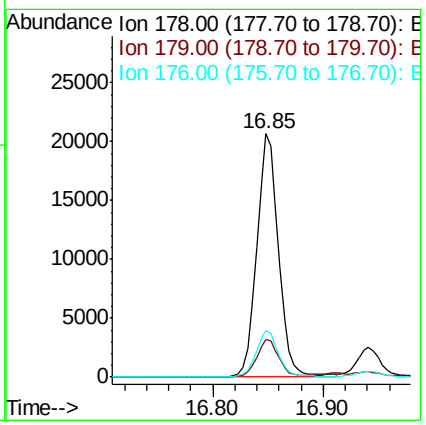
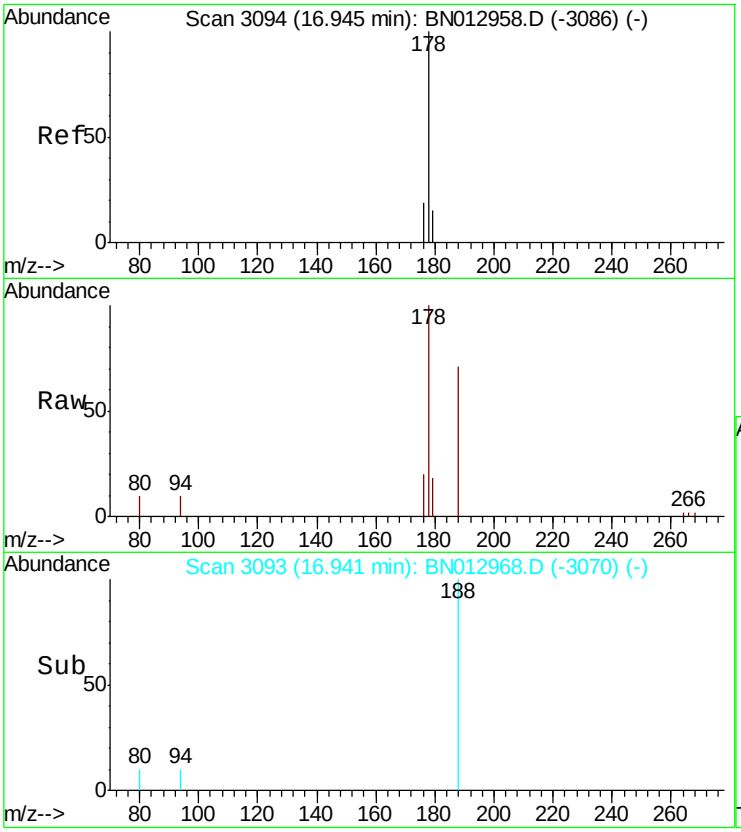


#12
Phenanthrene
Concen: 1.459 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:178 Resp: 28066

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.6	20.4
176	19.0	16.4	24.6

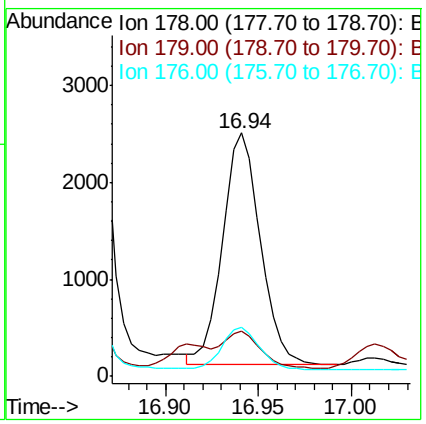




#13
Anthracene
Concen: 0.208 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:178 Resp: 3405

Ion	Ratio	Lower	Upper
178	100		
179	18.4	14.6	21.8
176	20.2	17.1	25.7



Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
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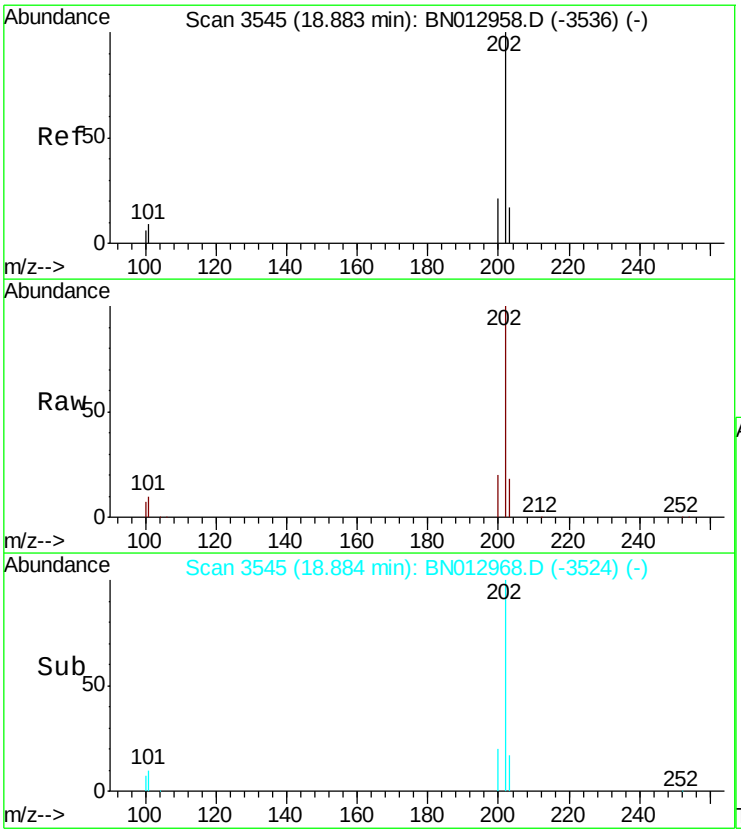
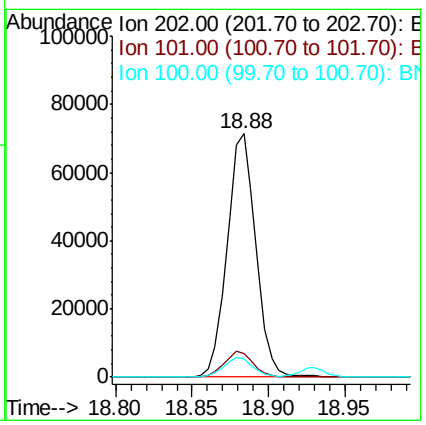
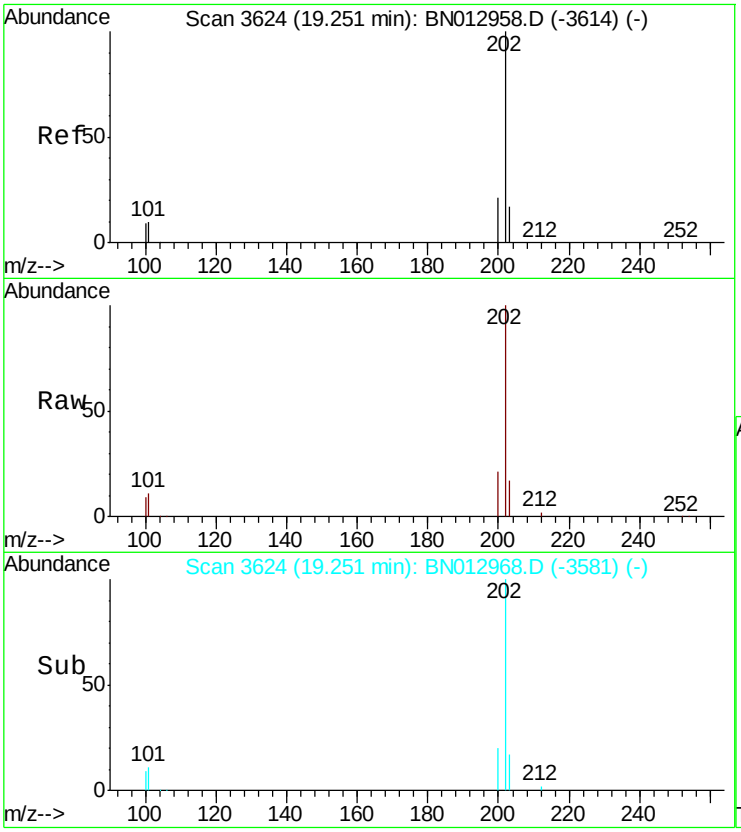


#15
Fluoranthene
Concen: 4.060 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:202 Resp: 92812

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.6
100	7.4	0.0	28.7

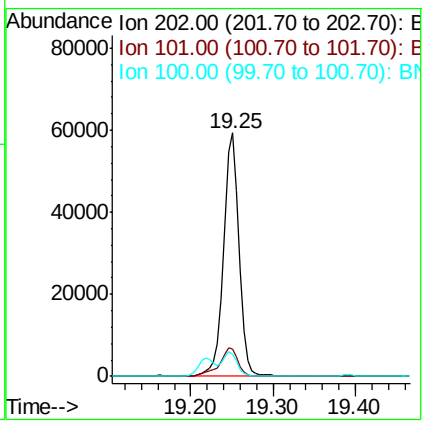




#17
Pyrene
Concen: 3.609 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:202 Resp: 76505

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
100	9.3	7.5	11.3



Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
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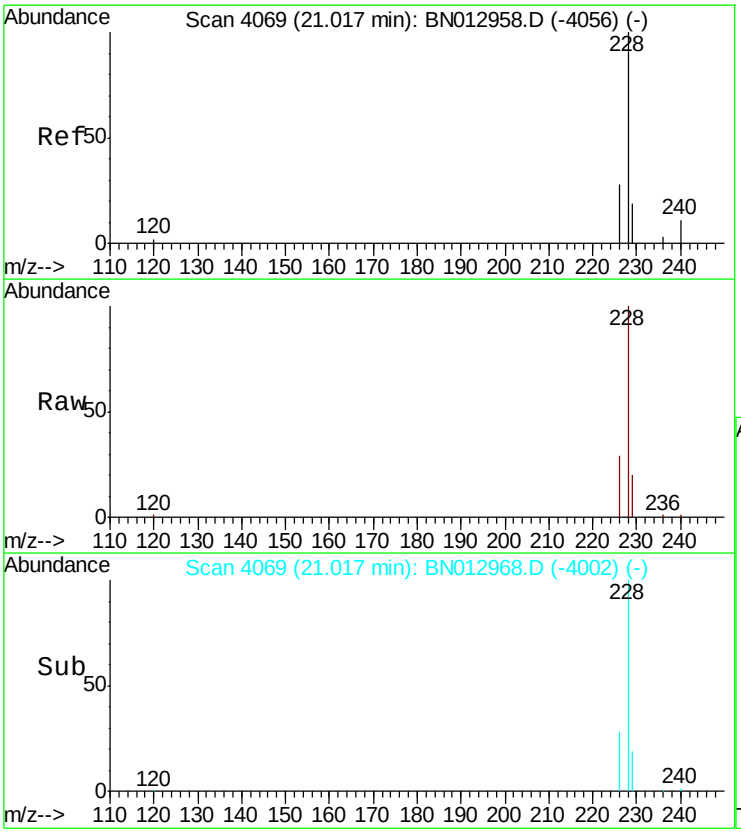
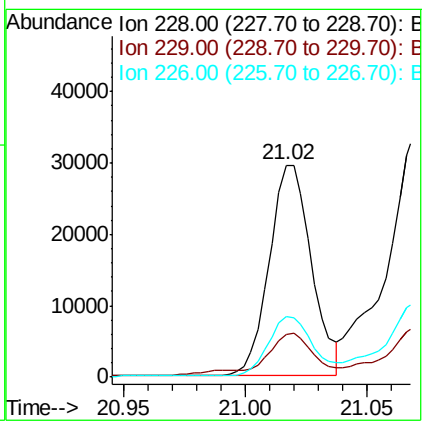
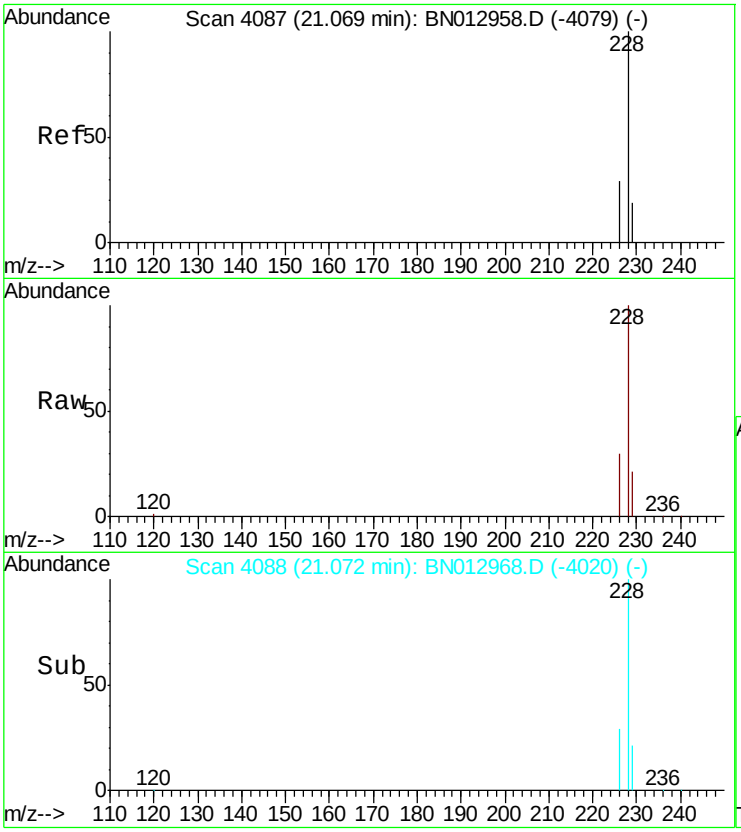


#18
Benzo(a)anthracene
Concen: 1.905 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:228 Resp: 35372

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.3	24.5
226	28.5	23.4	35.2

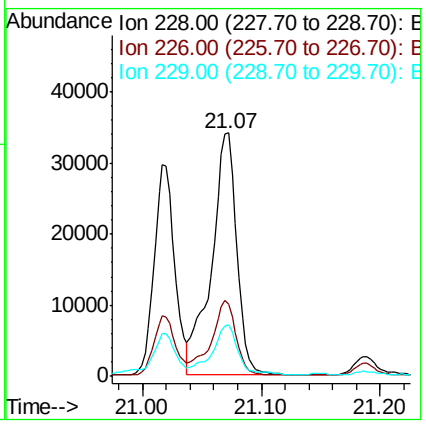




#19
Chrysene
Concen: 2.453 ng/ul
RT: 21.07 min Scan# 4088
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:228 Resp: 50321

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.0	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
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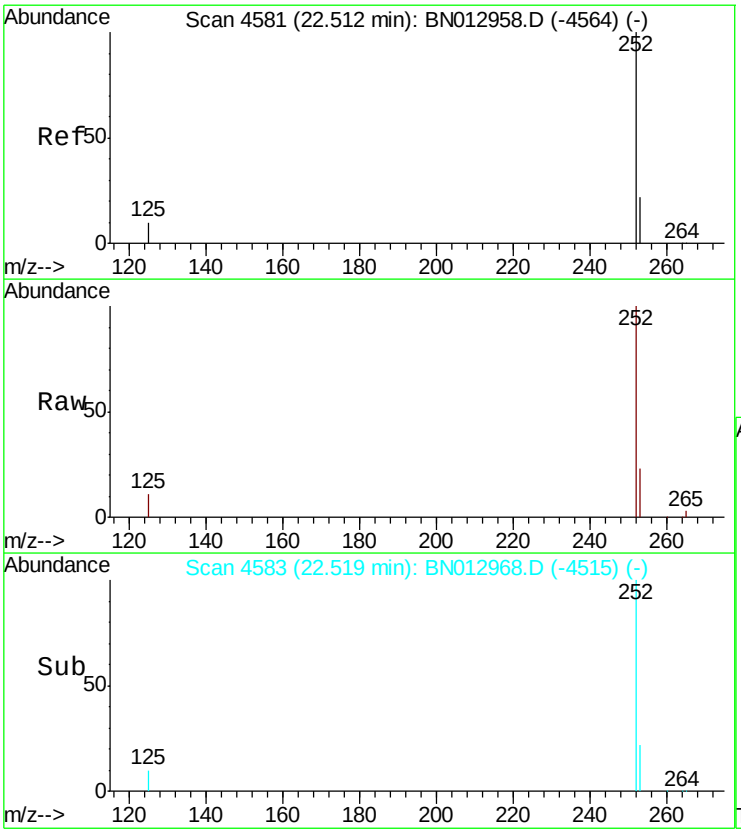
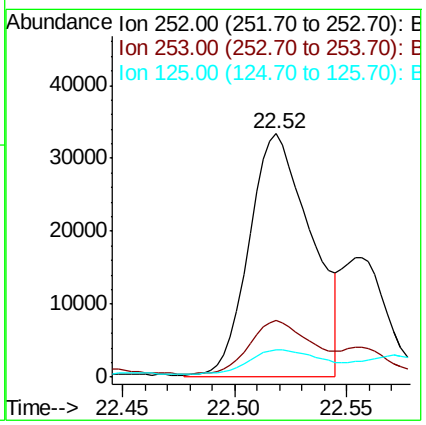
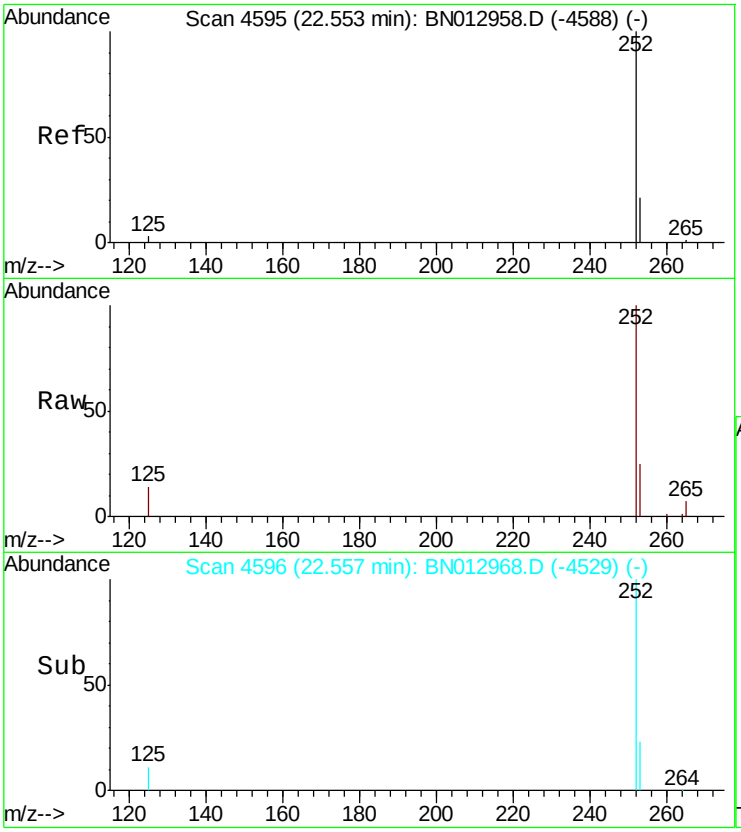


#21
Benzo(b)fluoranthene
Concen: 3.719 ng/ul m
RT: 22.52 min Scan# 4583
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:252 Resp: 64784

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	59.6
125	11.4	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 1.204 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:252 Resp: 23185

Ion	Ratio	Lower	Upper
252	100		
253	24.8	23.4	35.2
125	13.7	11.1	16.7

Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
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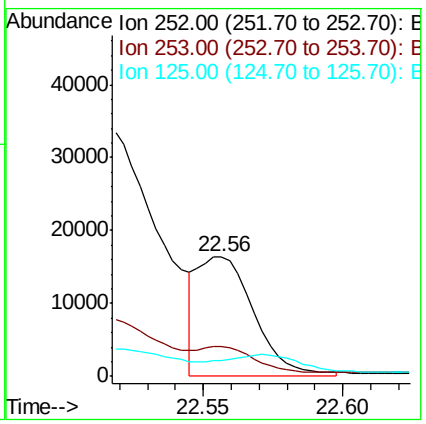
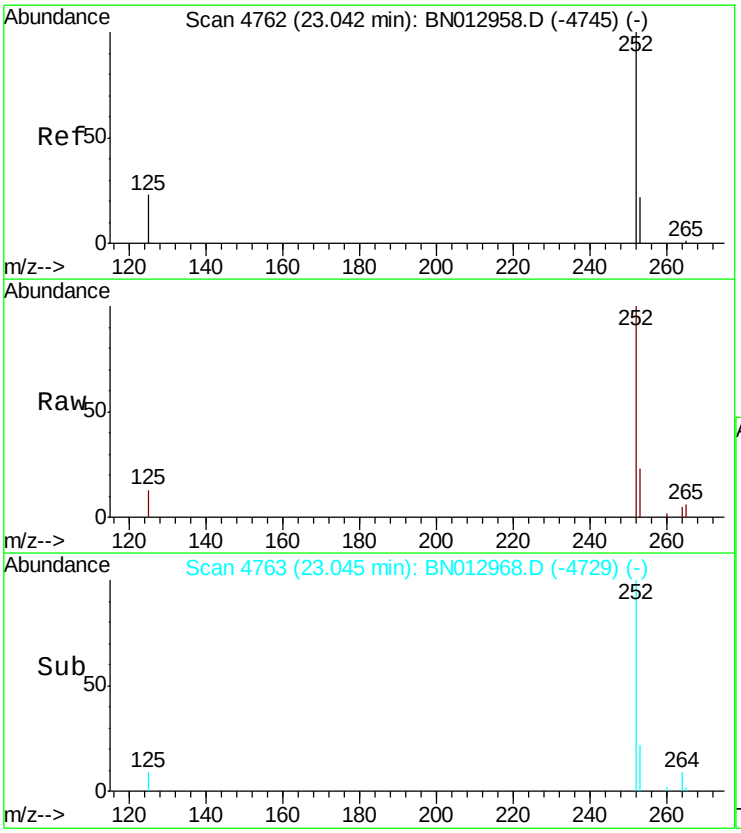
12/9/2020 12:24:30 PM

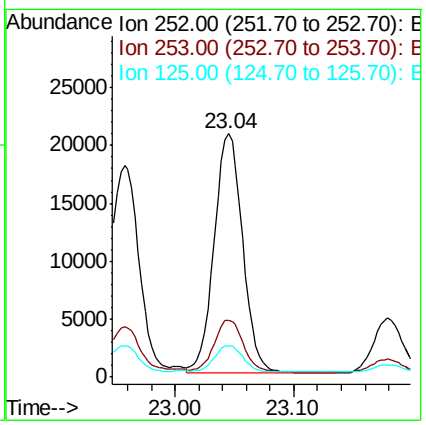


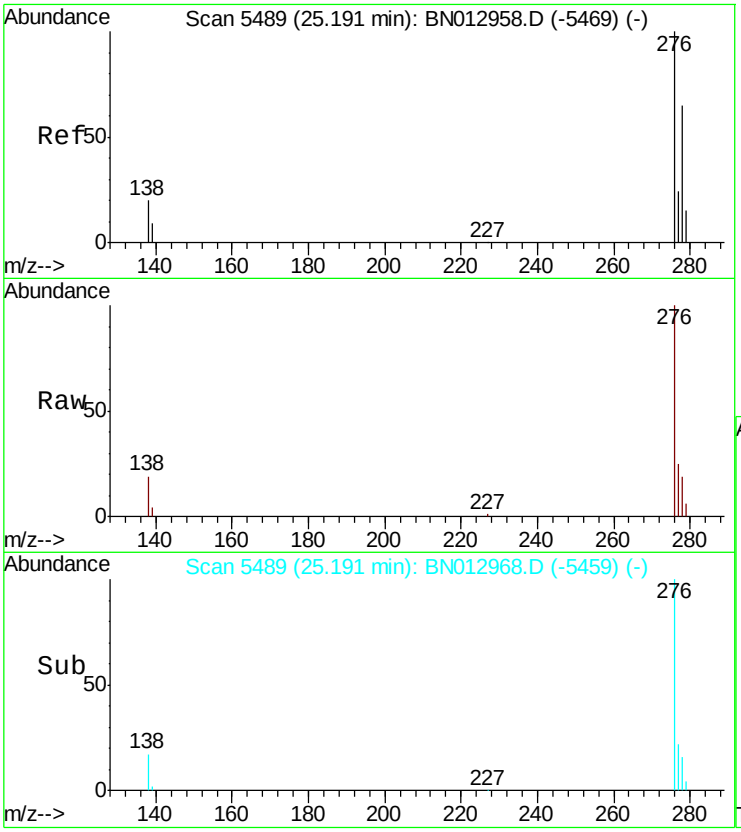


#23
Benzo(a)pyrene
Concen: 2.138 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:252 Resp: 34562

Ion	Ratio	Lower	Upper
252	100		
253	23.3	26.5	39.7#
125	13.0	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.239 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:276 Resp: 26306

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
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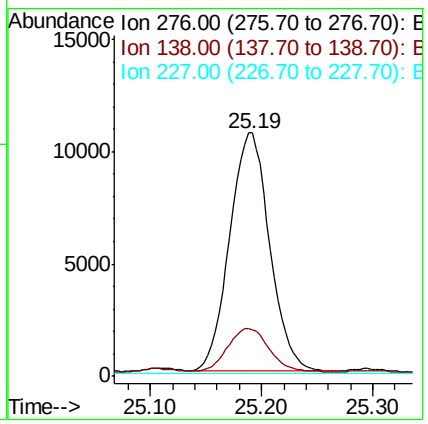
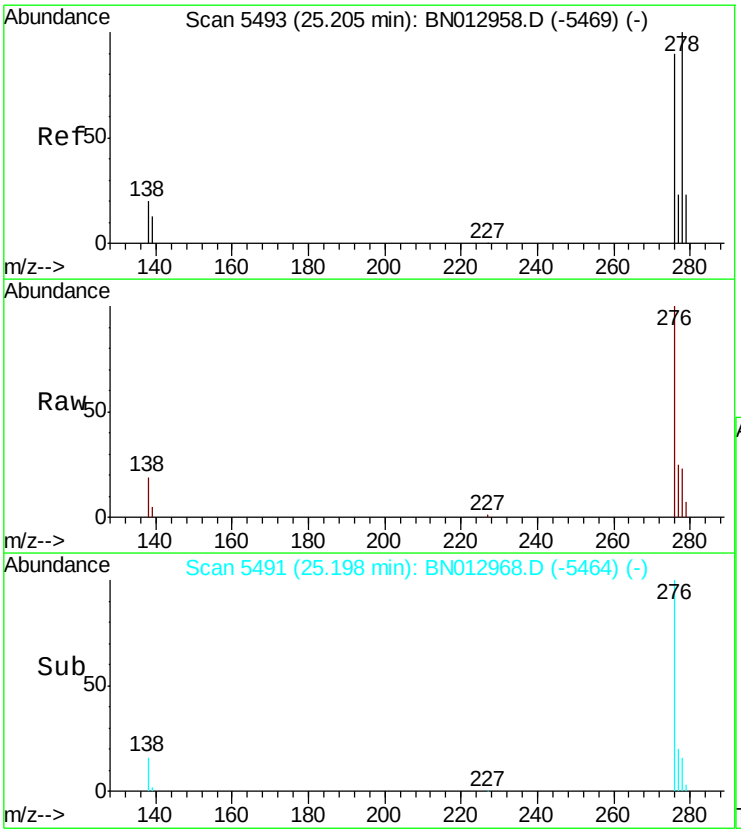
12/9/2020 12:24:30 PM

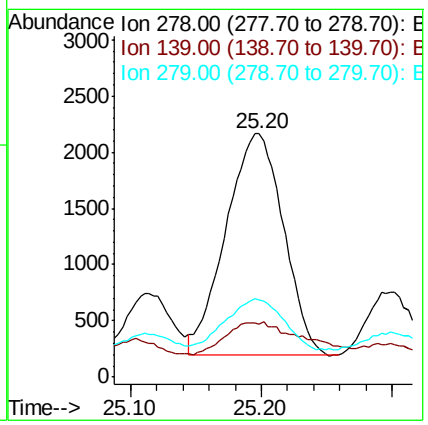


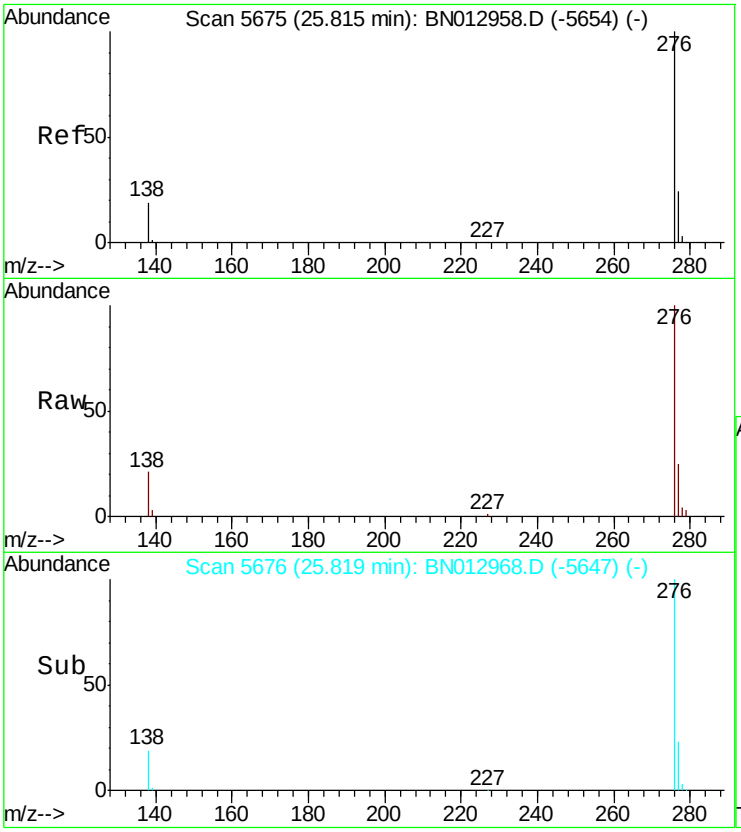


#25
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.01 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:278 Resp: 6018

Ion	Ratio	Lower	Upper
278	100		
139	21.8	14.5	21.7#
279	31.7	26.3	39.5

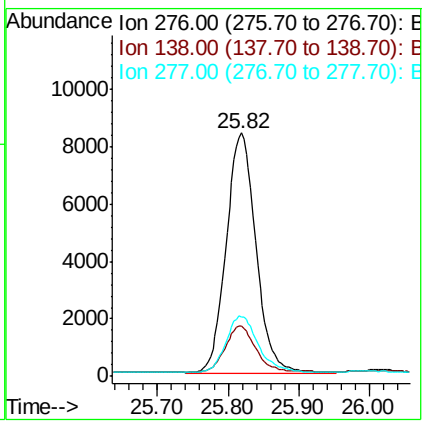




#26
Benzo(g,h,i)perylene
Concen: 1.271 ng/ul
RT: 25.82 min Scan# 5676
Delta R.T. -0.00 min
Lab File: BN012968.D
Acq: 08 Dec 2020 09:44

Tgt Ion:276 Resp: 24400

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.3	24.5
277	24.5	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
mohammad
12/9/2020 12:24:30 PM