Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012721.D
Acq On : 24 Nov 2020 18:03
Operator : CG/JU
Sample : L4751-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW3

Manual Integrations APPROVED
mohammad
11/25/2020 1:21:05 PM

Quant Time: Nov 25 02:37:57 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 Nov 25 01:45:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	910	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3732	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2135	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4276	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3543	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3688	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	788	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1693	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.25	128	3202	0.285	ng/ul	100
5) 2-Methylnaphthalene	11.88	142	2632	0.367	ng/ul	99
7) Acenaphthylene	13.81	152	901	0.087	ng/ul#	83
8) Acenaphthene	14.16	153	504	0.057	ng/ul	94
9) Fluorene	15.15	166	450	0.047	ng/ul#	88
12) Phenanthrene	16.89	178	16579	1.114	ng/ul	96
13) Anthracene	16.98	178	2142	0.166	ng/ul	97
15) Fluoranthene	18.92	202	37607	2.189	ng/ul	99
17) Pyrene	19.28	202	34299	2.164	ng/ul	97
18) Benzo(a)anthracene	21.05	228	18227	1.436	ng/ul	99
19) Chrysene	21.10	228	22924	1.445	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	33669m	1.985	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	11588m	0.592	ng/ul	
23) Benzo(a)pyrene	23.09	252	21006	1.316	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.26	276	16972	0.813	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.26	278	4161	0.248	ng/ul#	86
26) Benzo(g,h,i)perylene	25.89	276	15790	0.840	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012721.D
Acq On : 24 Nov 2020 18:03
Operator : CG/JU
Sample : L4751-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 25 02:37:57 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 Nov 25 01:45:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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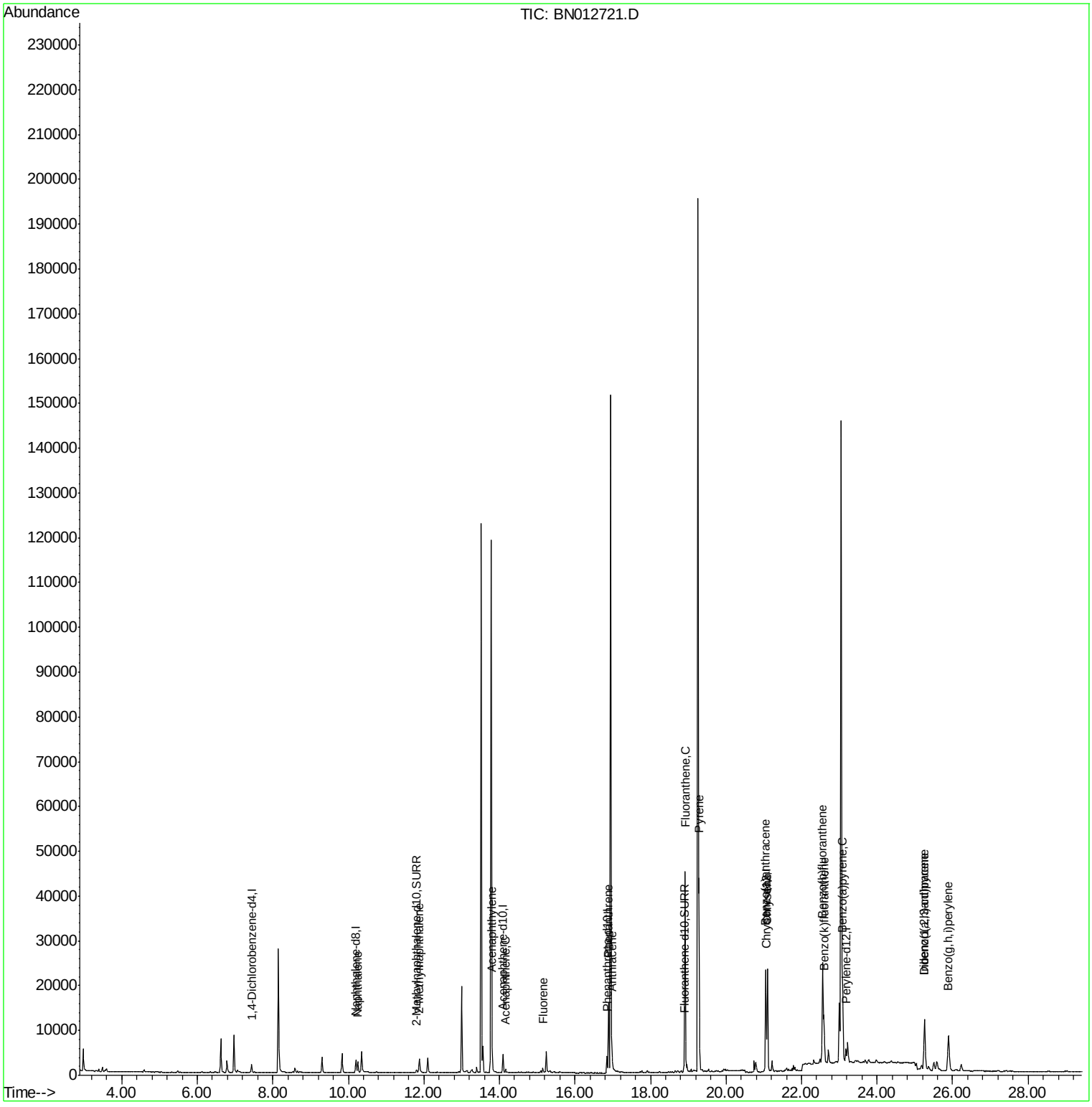
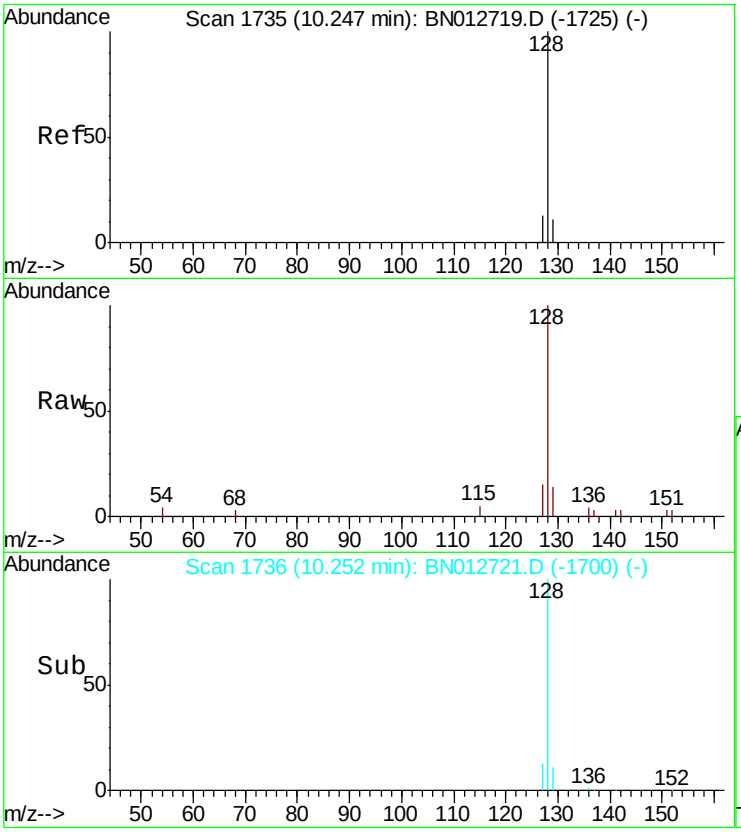
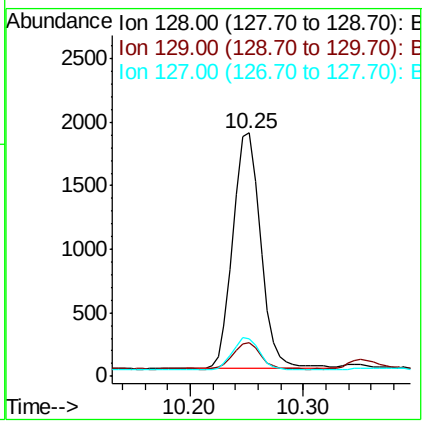




#3
Naphthalene
Concen: 0.285 ng/ul
RT: 10.25 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:128 Resp: 3202

Ion	Ratio	Lower	Upper
128	100		
129	13.9	11.2	16.8
127	15.5	12.5	18.7



Instrument :
BNA_N
ClientSampleId :
C0AW3

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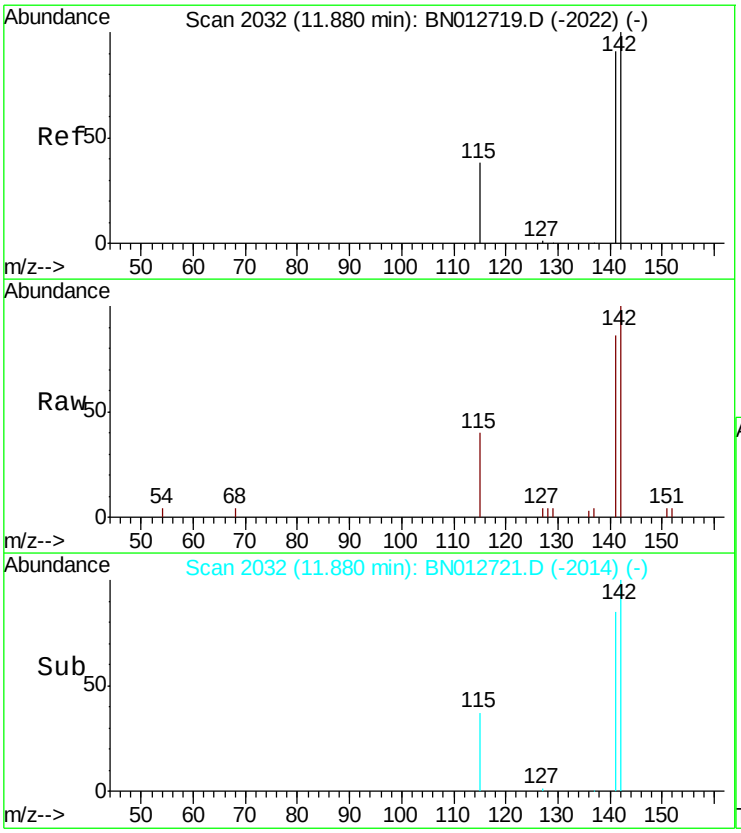
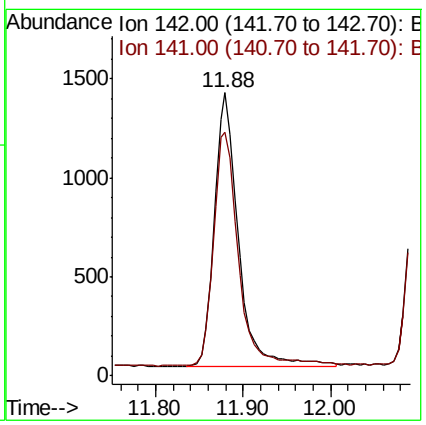
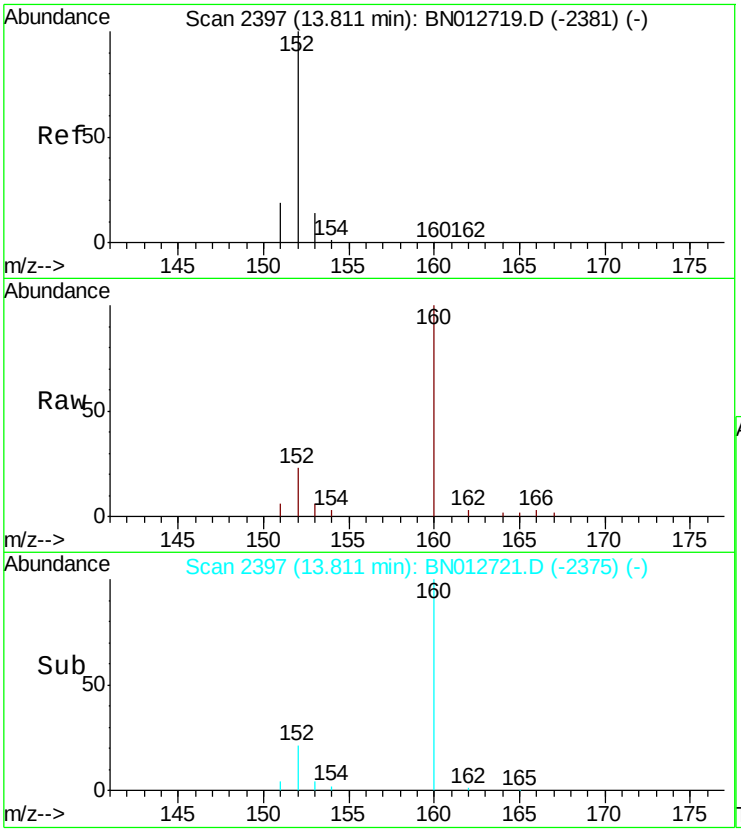


#5
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 11.88 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:142 Resp: 2632

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.3	108.5





#7
Acenaphthylene
Concen: 0.087 ng/ul
RT: 13.81 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:152 Resp: 901

Ion	Ratio	Lower	Upper
152	100		
151	28.3	17.1	25.7#
153	24.8	12.6	19.0#

Instrument :
BNA_N
ClientSampleId :
C0AW3

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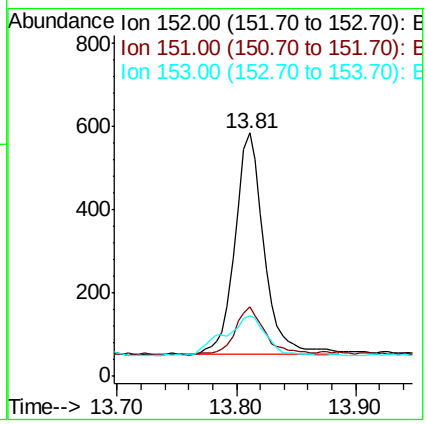
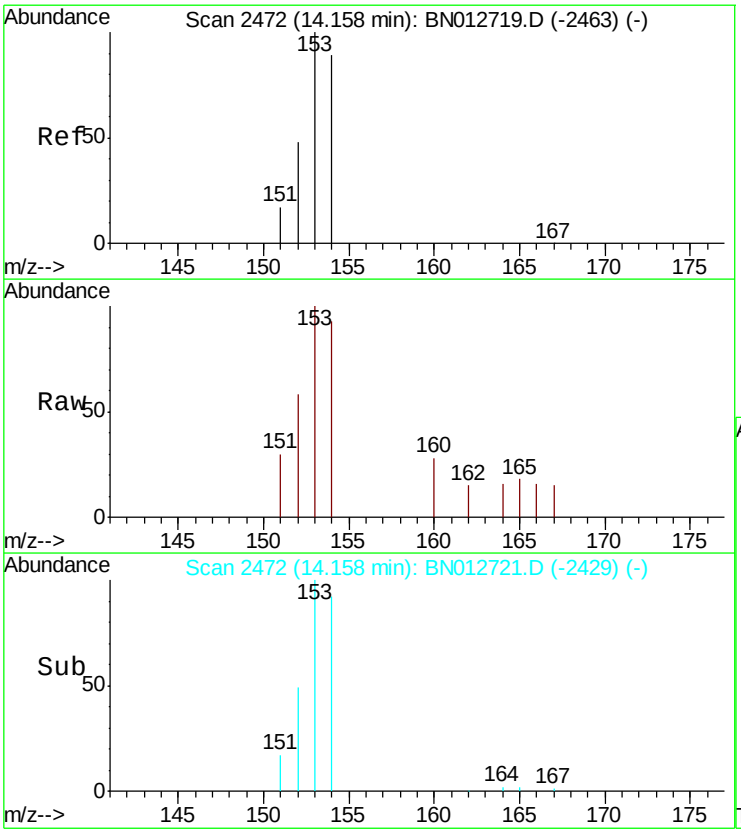
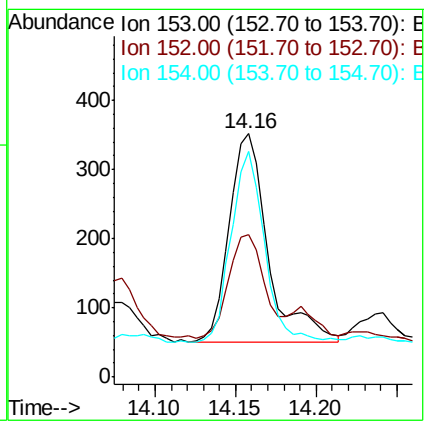


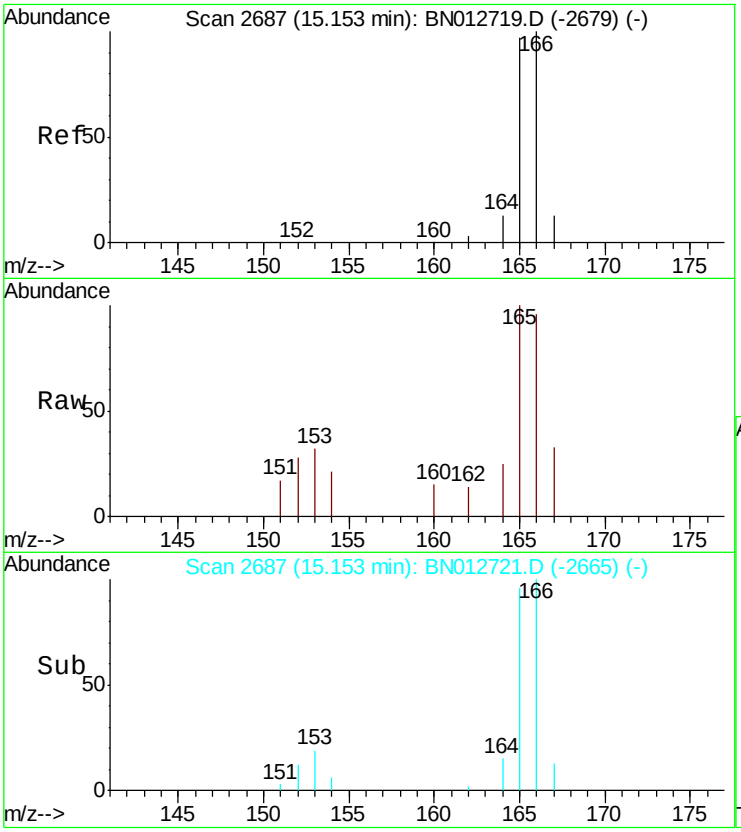


#8
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.16 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:153 Resp: 504

Ion	Ratio	Lower	Upper
153	100		
152	58.2	41.4	62.0
154	92.9	70.9	106.3





#9
Fluorene
Concen: 0.047 ng/ul
RT: 15.15 min Scan# 2687
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:166 Resp: 450

Ion	Ratio	Lower	Upper
166	100		
165	104.5	78.5	117.7
167	34.6	12.7	19.1#

Instrument :
BNA_N
ClientSampleId :
C0AW3

Manual Integrations APPROVED
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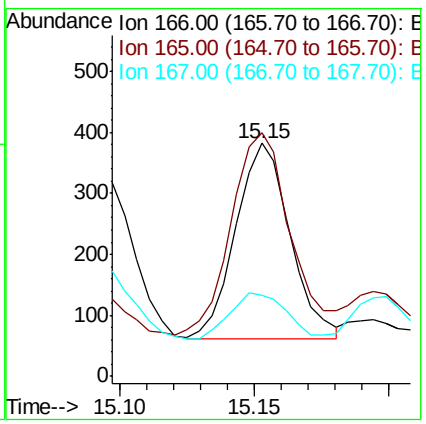
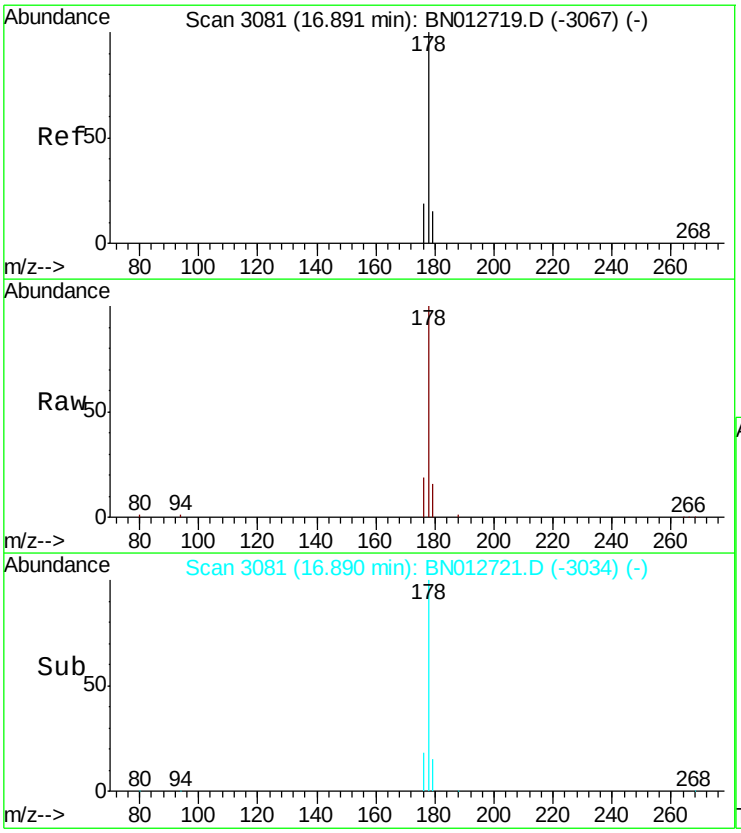
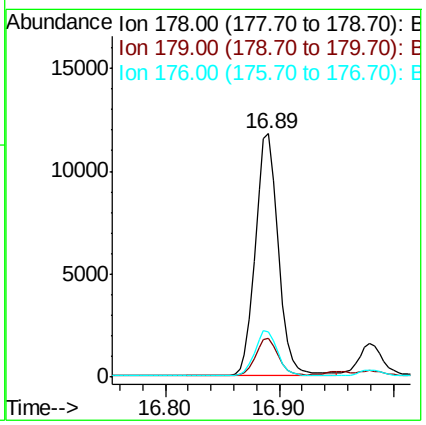


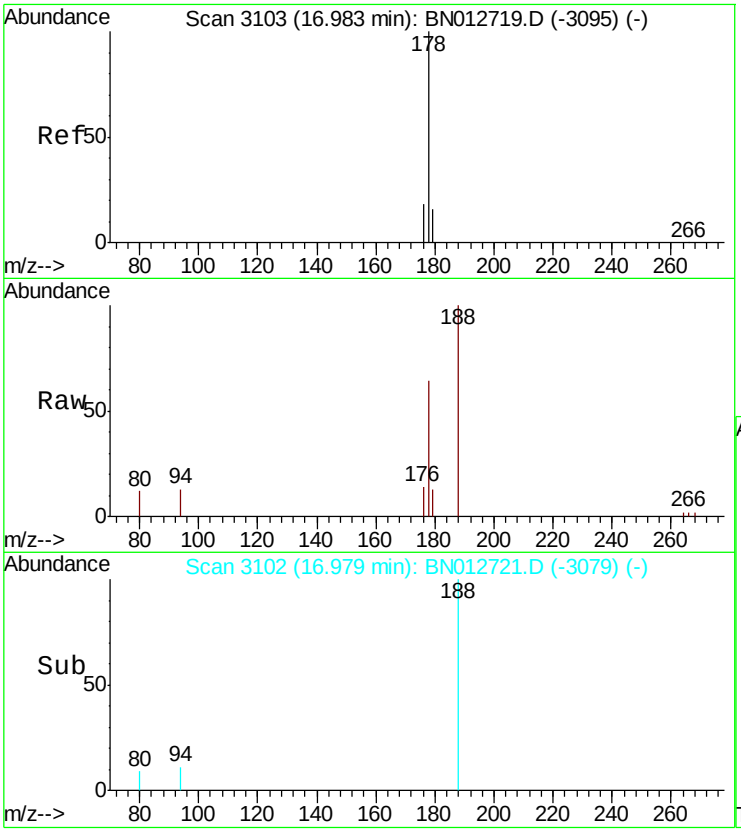


#12
Phenanthrene
Concen: 1.114 ng/ul
RT: 16.89 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:178 Resp: 16579

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.8	20.6
176	18.6	16.7	25.1





#13
Anthracene
Concen: 0.166 ng/ul
RT: 16.98 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:178 Resp: 2142

Ion	Ratio	Lower	Upper
178	100		
179	20.4	14.8	22.2
176	21.2	16.3	24.5

Instrument :
BNA_N
ClientSampleId :
C0AW3

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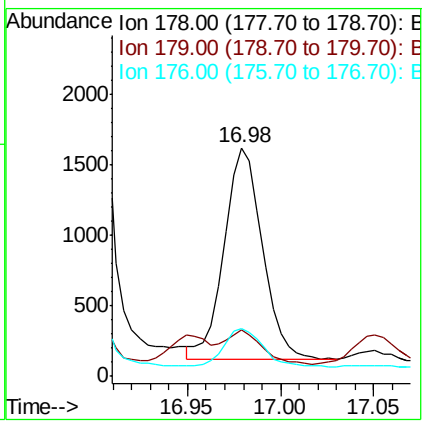
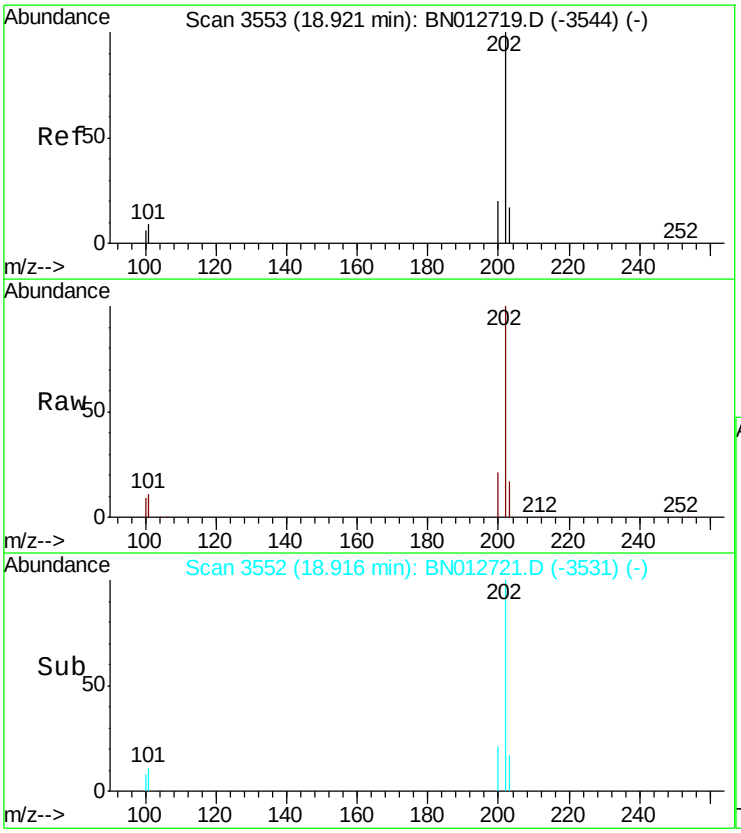
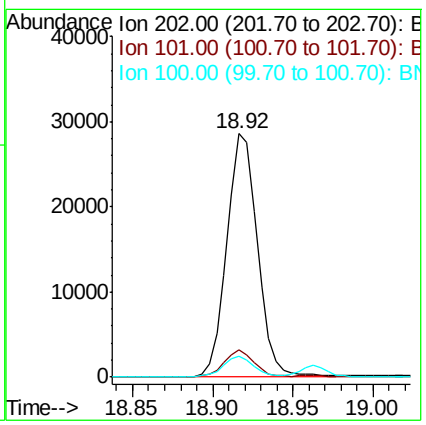


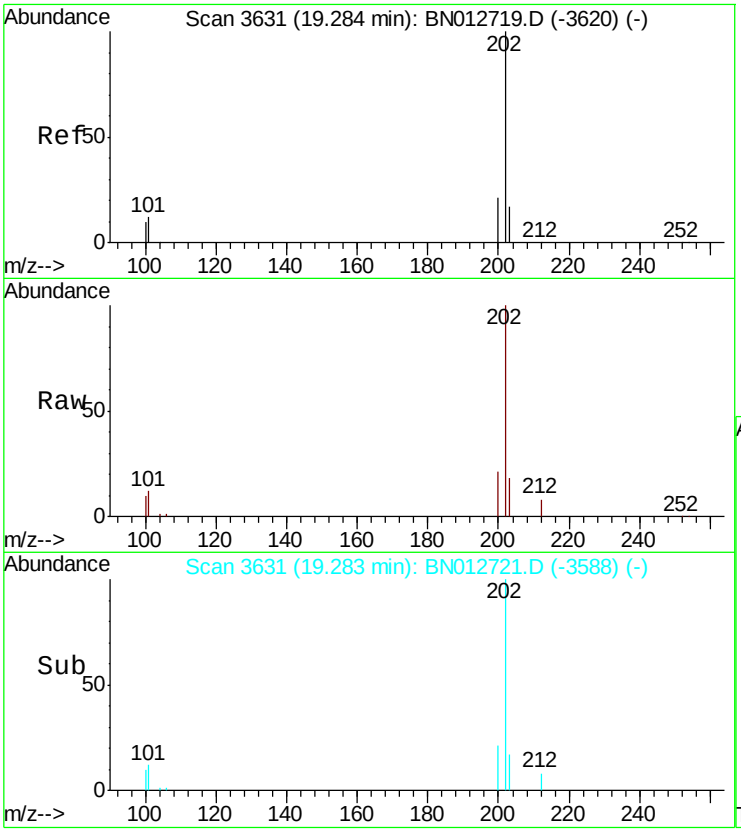


#15
Fluoranthene
Concen: 2.189 ng/ul
RT: 18.92 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:202 Resp: 37607

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.5
100	8.5	0.0	28.4

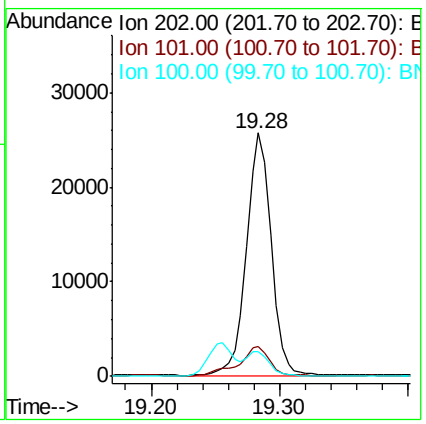




#17
Pyrene
Concen: 2.164 ng/ul
RT: 19.28 min Scan# 3631
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:202 Resp: 34299

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.9	13.3
100	10.2	7.4	11.2



Instrument :
BNA_N
ClientSampleId :
C0AW3

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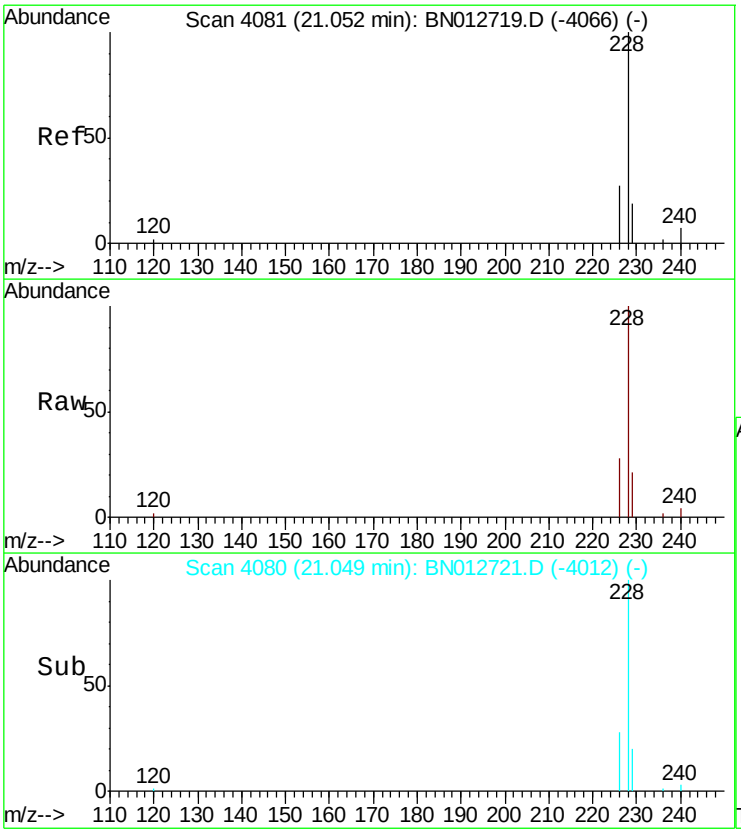
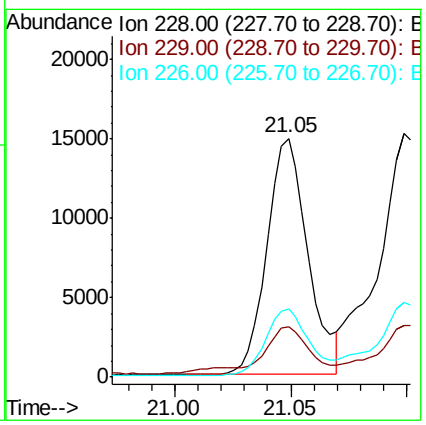
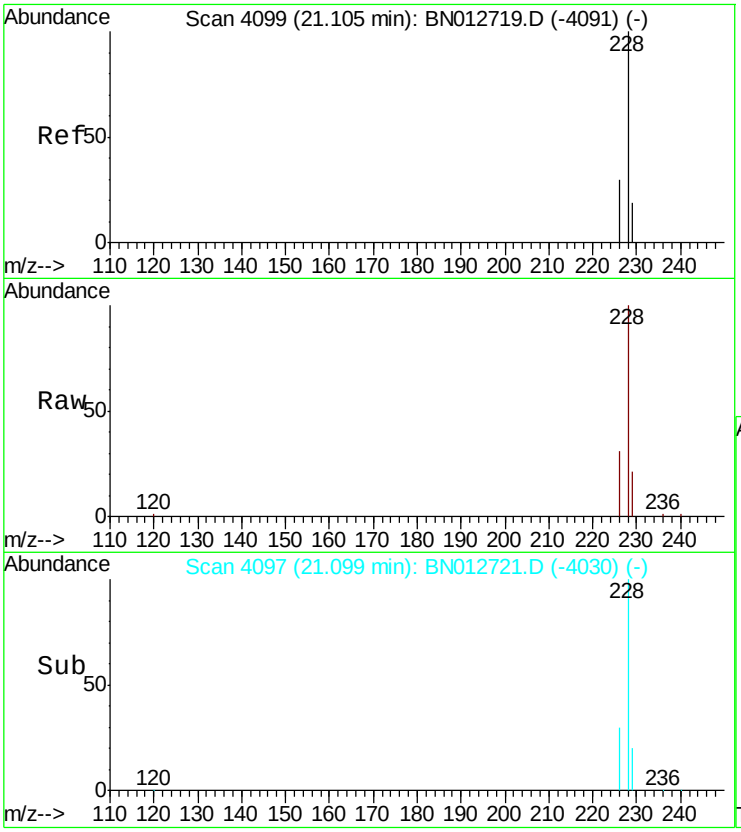


#18
Benzo(a)anthracene
Concen: 1.436 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:228 Resp: 18227

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.9	25.3
226	28.5	23.1	34.7

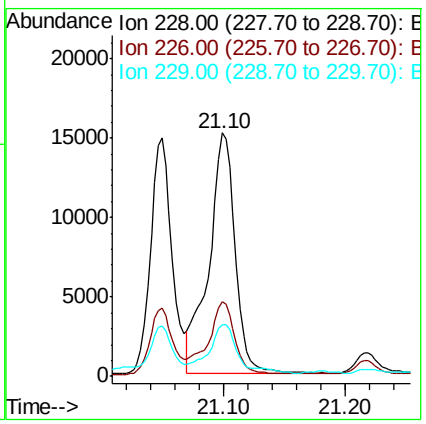




#19
Chrysene
Concen: 1.445 ng/ul
RT: 21.10 min Scan# 4097
Delta R.T. -0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:228 Resp: 22924

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	21.3	16.1	24.1



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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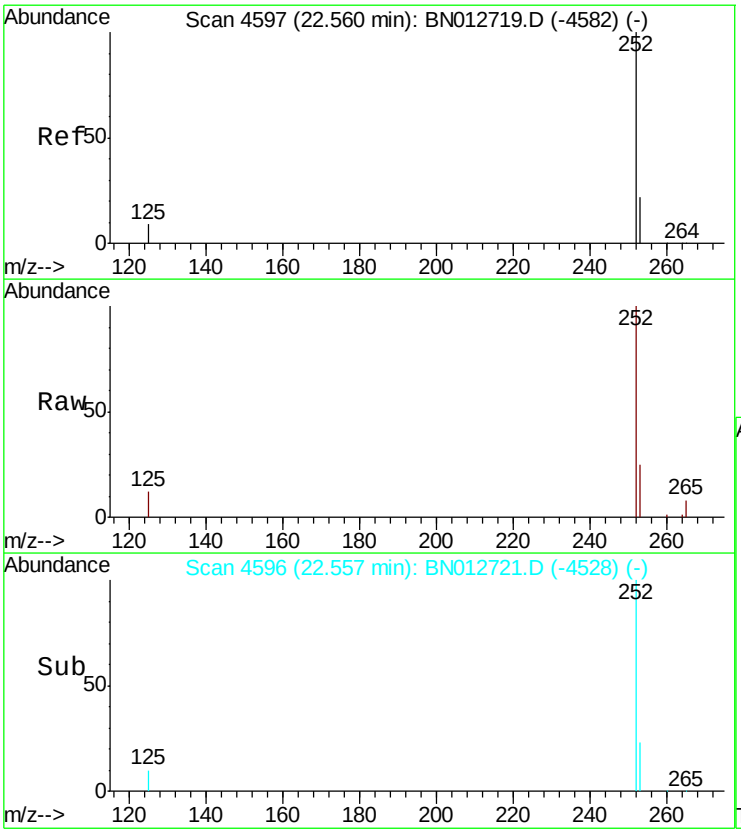
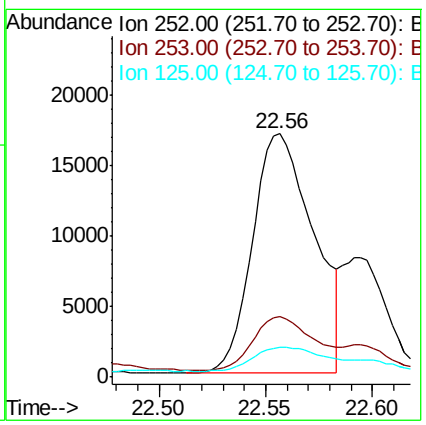
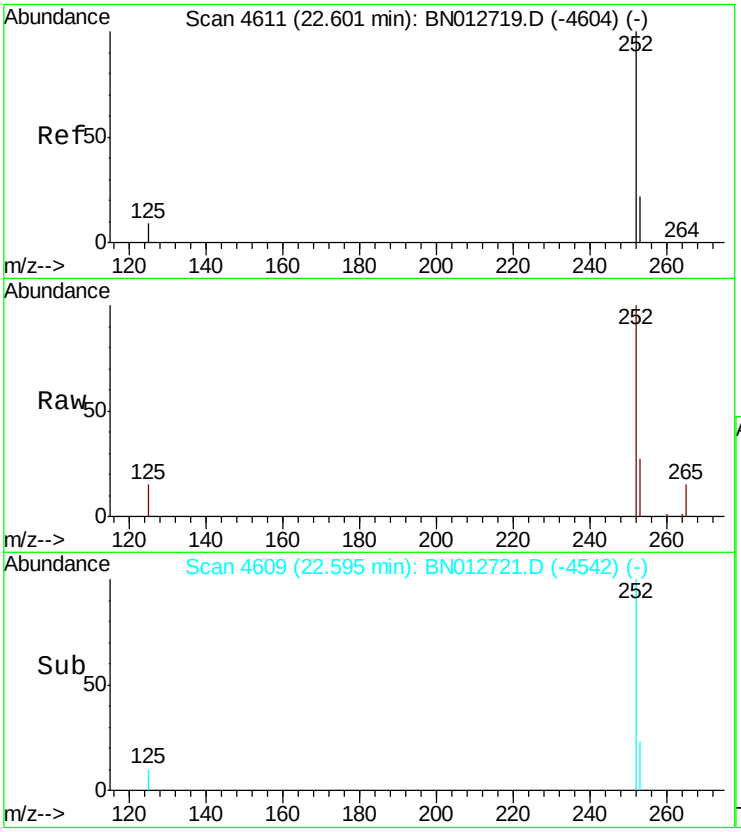


#21
Benzo(b)fluoranthene
Concen: 1.985 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:252 Resp: 33669

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	58.4
125	12.3	0.0	28.6

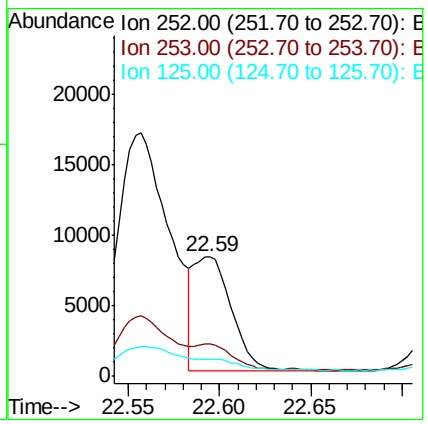




#22
Benzo(k)fluoranthene
Concen: 0.592 ng/ul m
RT: 22.59 min Scan# 4609
Delta R.T. -0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:252 Resp: 11588

Ion	Ratio	Lower	Upper
252	100		
253	27.3	23.4	35.2
125	14.6	10.2	15.2



Instrument :
BNA_N
ClientSampleId :
C0AW3

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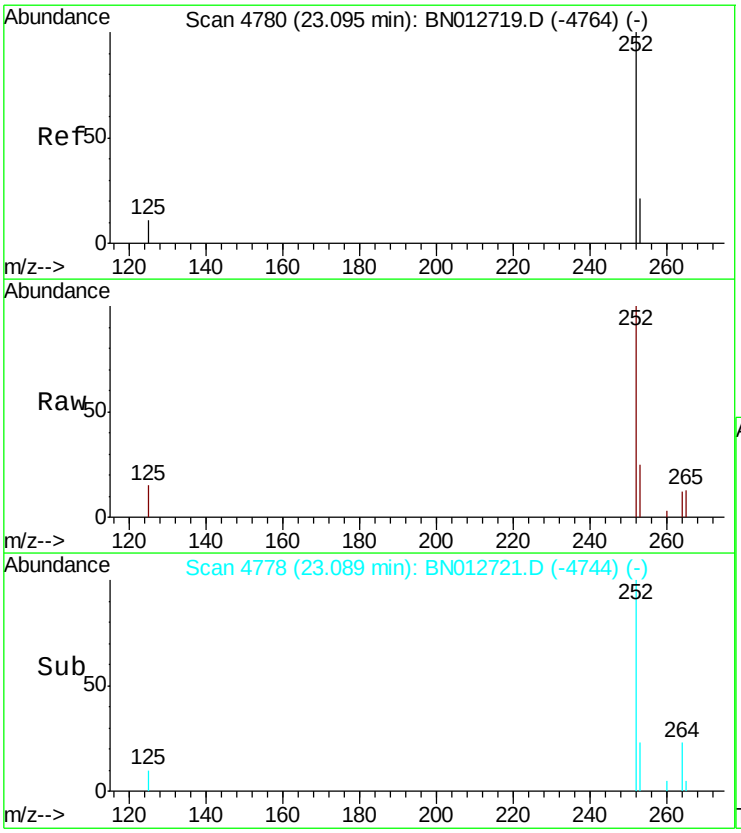
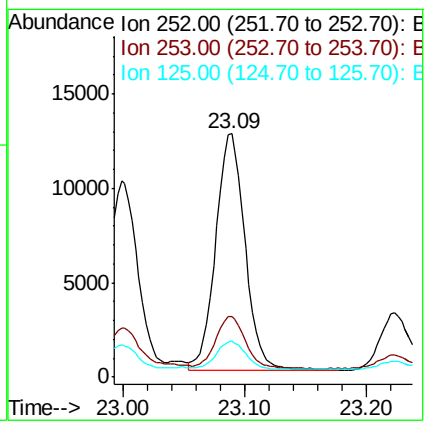
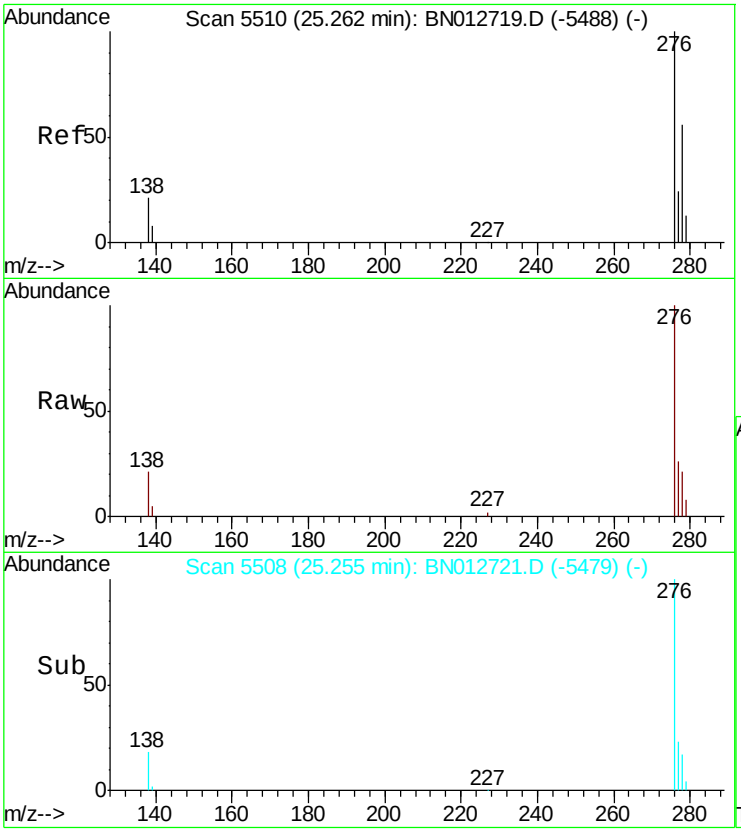


#23
Benzo(a)pyrene
Concen: 1.316 ng/ul
RT: 23.09 min Scan# 4778
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:252 Resp: 21006

Ion	Ratio	Lower	Upper
252	100		
253	24.9	27.6	41.4#
125	14.9	17.0	25.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.813 ng/ul
RT: 25.26 min Scan# 5508
Delta R.T. -0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:276 Resp: 16972

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.5	24.7
227	0.0	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
C0AW3

Manual Integrations APPROVED
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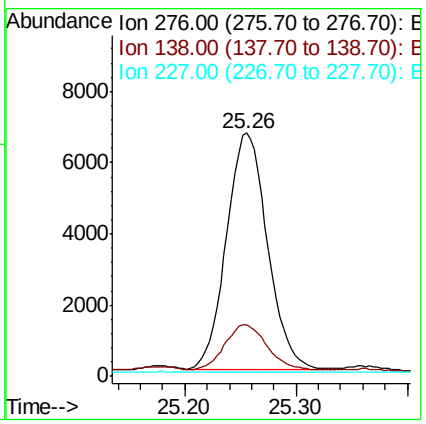
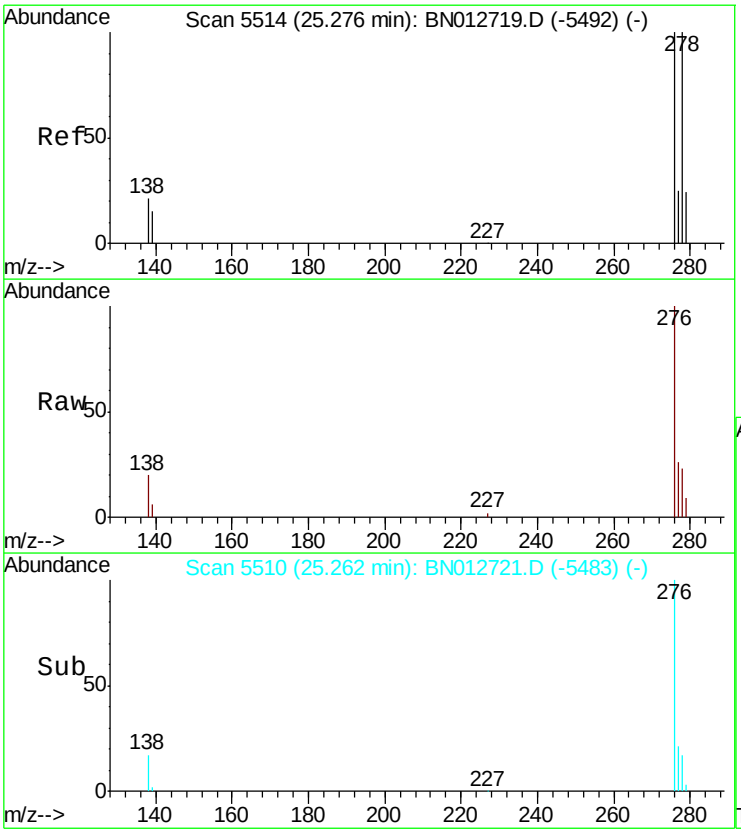
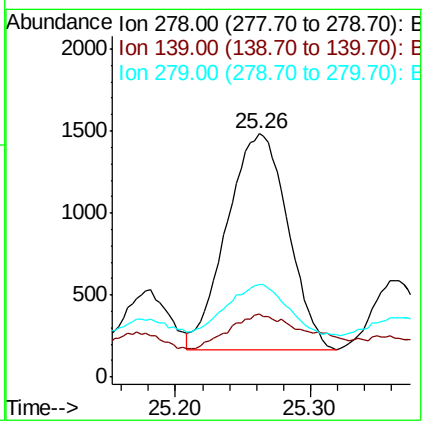


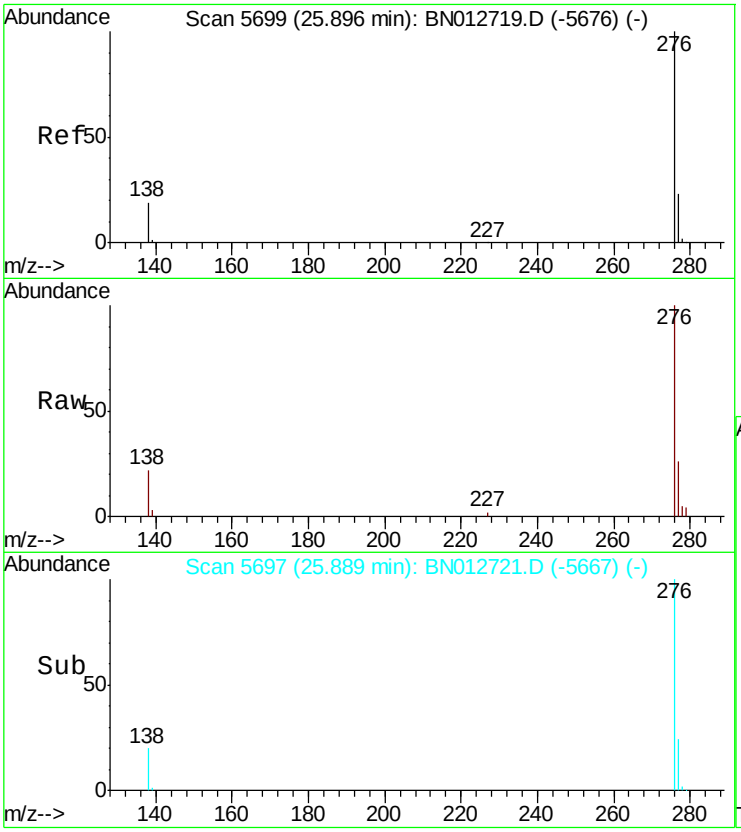


#25
Dibenzo(a,h)anthracene
Concen: 0.248 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.01 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:278 Resp: 4161

Ion	Ratio	Lower	Upper
278	100		
139	25.8	13.8	20.8#
279	37.8	25.6	38.4

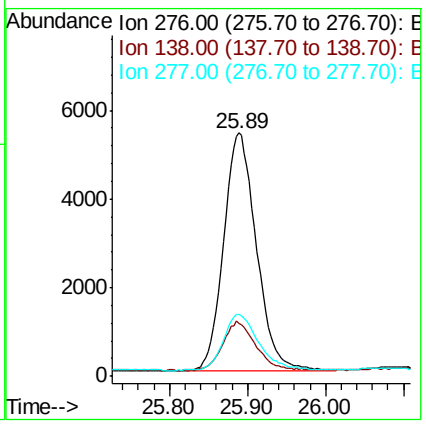




#26
Benzo(g,h,i)perylene
Concen: 0.840 ng/ul
RT: 25.89 min Scan# 5697
Delta R.T. 0.00 min
Lab File: BN012721.D
Acq: 24 Nov 2020 18:03

Tgt Ion:276 Resp: 15790

Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.3	24.5
277	25.6	21.8	32.8



Instrument :
BNA_N
ClientSampleId :
C0AW3

Manual Integrations APPROVED
mohammad
11/25/2020 1:21:05 PM