Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013020.D
Acq On : 09 Dec 2020 20:08
Operator : CG/JU
Sample : L4941-07
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AZ2

Manual Integrations APPROVED
mohammad
12/11/2020 1:18:03 PM

Quant Time: Dec 10 01:21:53 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 : Thu Dec 10 00:40:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	904	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	3795	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2184	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4572	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3848	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3321	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1009	0.18	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2446	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	1017	0.093	ng/ul#	94
5) 2-Methylnaphthalene	11.82	142	1377	0.191	ng/ul	100
7) Acenaphthylene	13.76	152	1504	0.145	ng/ul	95
8) Acenaphthene	14.11	153	8694	1.025	ng/ul	97
9) Fluorene	15.11	166	4379	0.450	ng/ul	98
12) Phenanthrene	16.84	178	63848	4.165	ng/ul	96
13) Anthracene	16.94	178	8148	0.625	ng/ul	95
15) Fluoranthene	18.88	202	211987	11.637	ng/ul	98
17) Pyrene	19.25	202	182617	10.047	ng/ul	98
18) Benzo(a)anthracene	21.01	228	86963	5.462	ng/ul	98
19) Chrysene	21.06	228	94555	5.375	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	117424m	7.643	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	42435m	2.499	ng/ul	
23) Benzo(a)pyrene	23.04	252	72652	5.096	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.18	276	47965	2.561	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	10928	0.738	ng/ul	95
26) Benzo(g,h,i)perylene	25.81	276	38569	2.277	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 : BN013020.D
Acq On : 09 Dec 2020 20:08
Operator : CG/JU
Sample : L4941-07
Misc :
ALS Vial : 90 Sample Multiplier: 1

Quant Time: Dec 10 01:21:53 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 10 00:40:41 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
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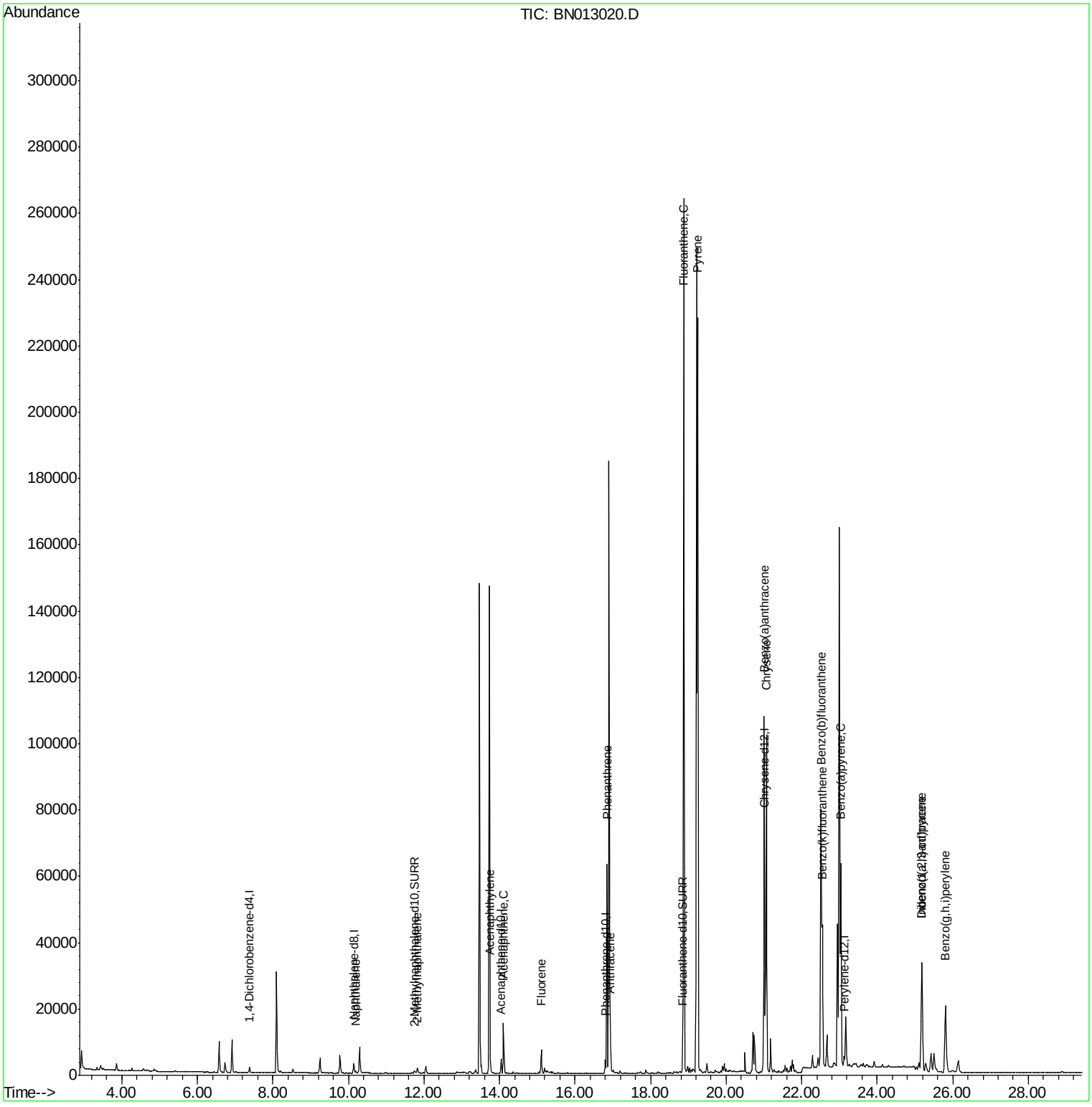
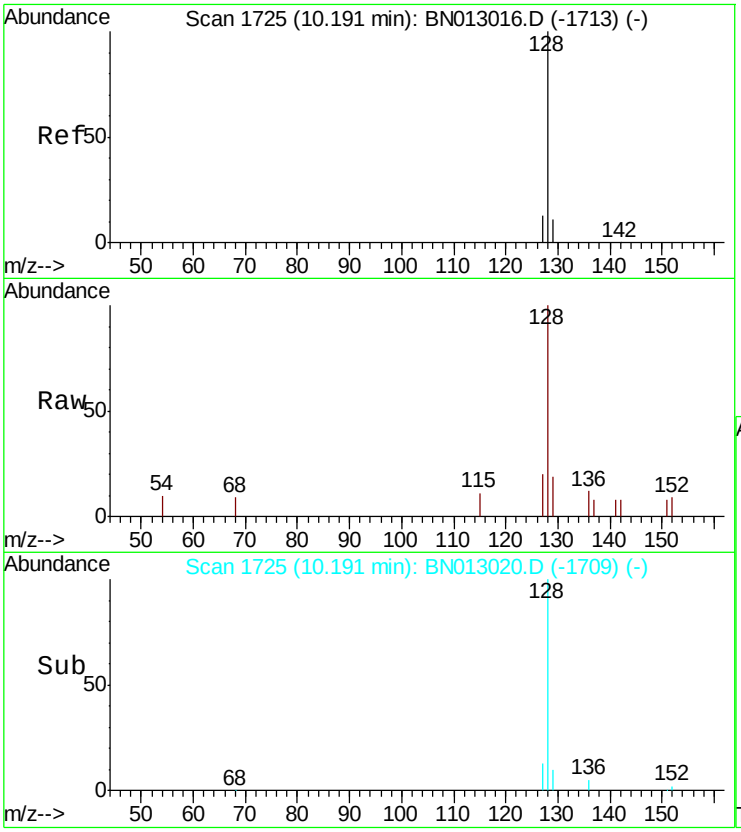
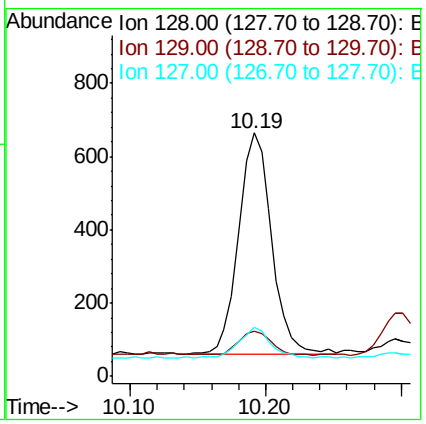




#3
Naphthalene
Concen: 0.093 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:128 Resp: 1017

Ion	Ratio	Lower	Upper
128	100		
129	18.6	12.3	18.5#
127	20.2	14.2	21.4



Instrument :
BNA_N
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
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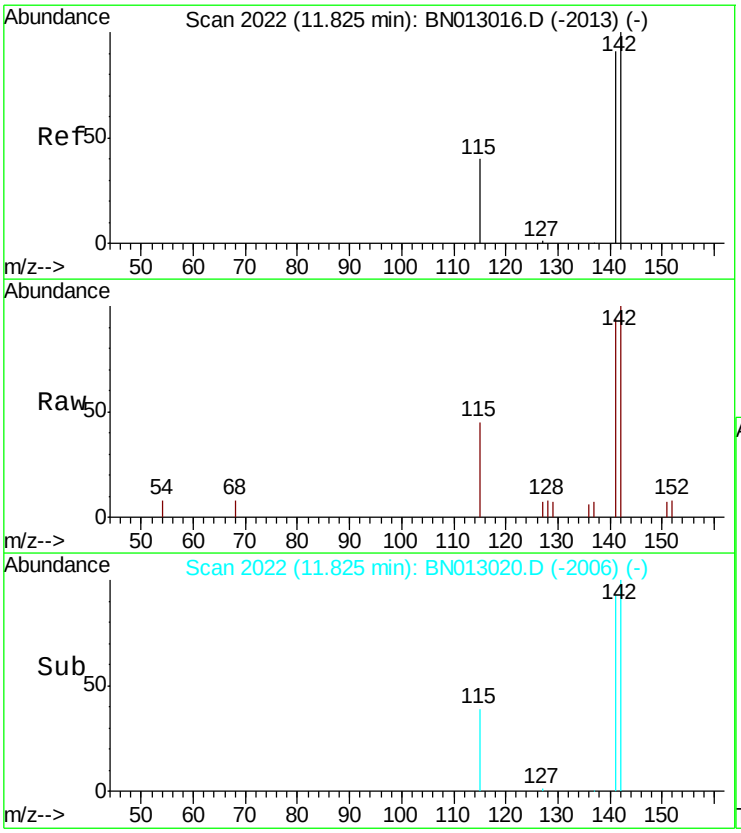
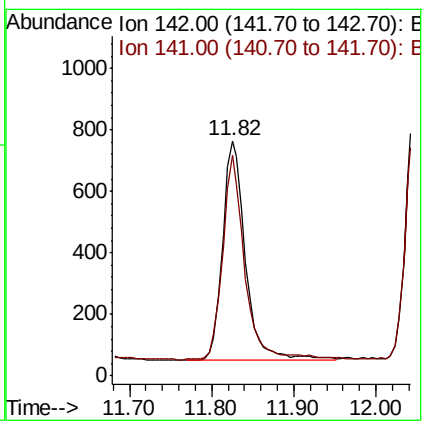
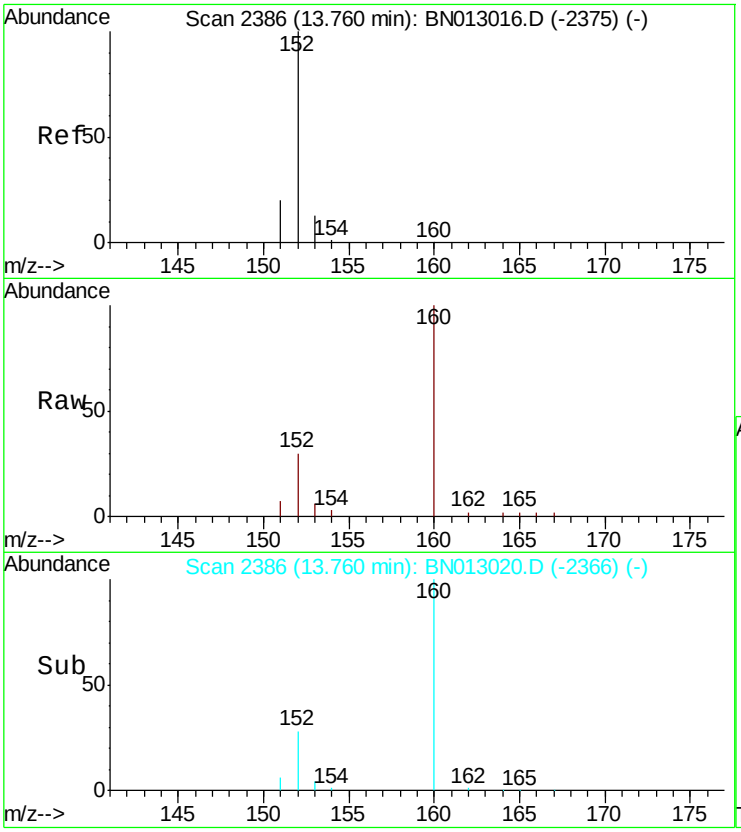


#5
2-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:142 Resp: 1377

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6

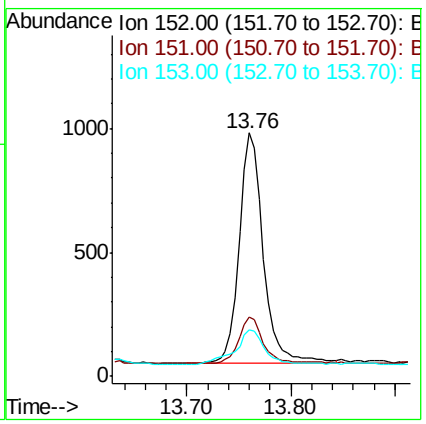




#7
Acenaphthylene
Concen: 0.145 ng/ul
RT: 13.76 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:152 Resp: 1504

Ion	Ratio	Lower	Upper
152	100		
151	24.3	18.2	27.4
153	19.1	13.1	19.7



Instrument :
BNA_N
ClientSampleId :
C0AZ2

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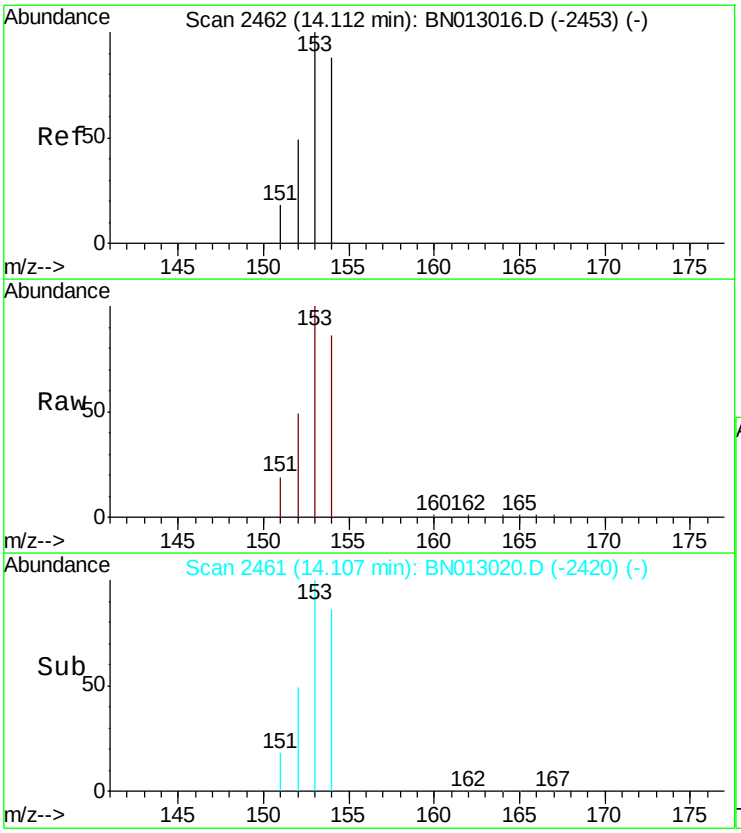
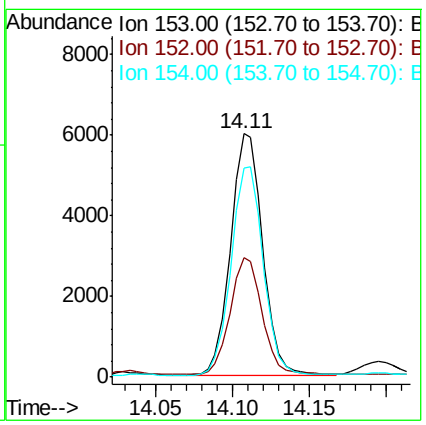
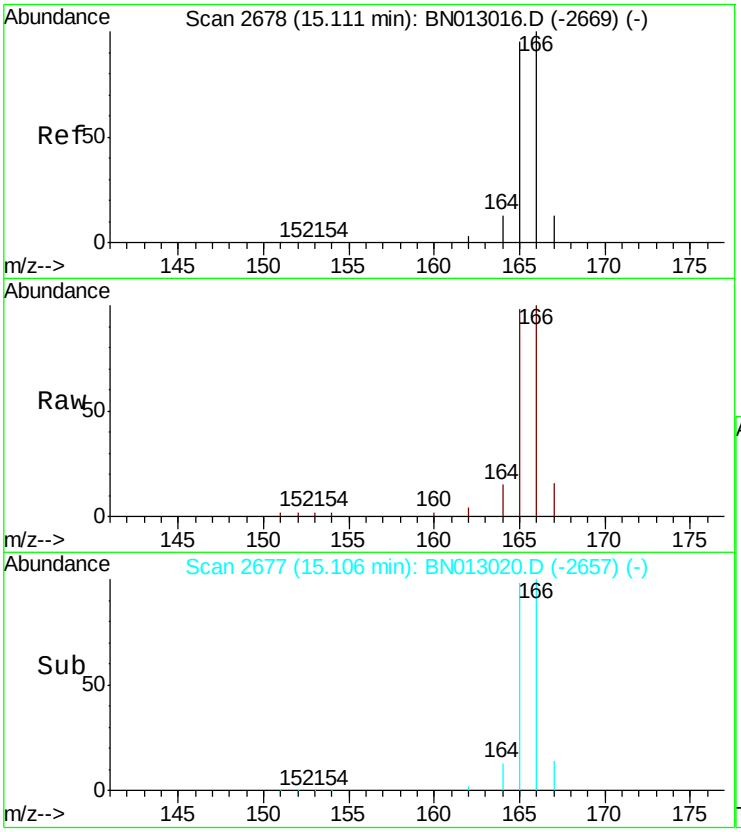


#8
Acenaphthene
Concen: 1.025 ng/ul
RT: 14.11 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:153 Resp: 8694

Ion	Ratio	Lower	Upper
153	100		
152	49.1	40.7	61.1
154	85.9	70.8	106.2

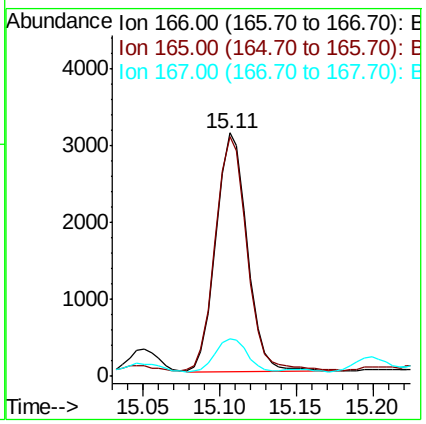




#9
Fluorene
Concen: 0.450 ng/ul
RT: 15.11 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:166 Resp: 4379

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	15.5	13.8	20.8



Instrument :
BNA_N
ClientSampleId :
C0AZ2

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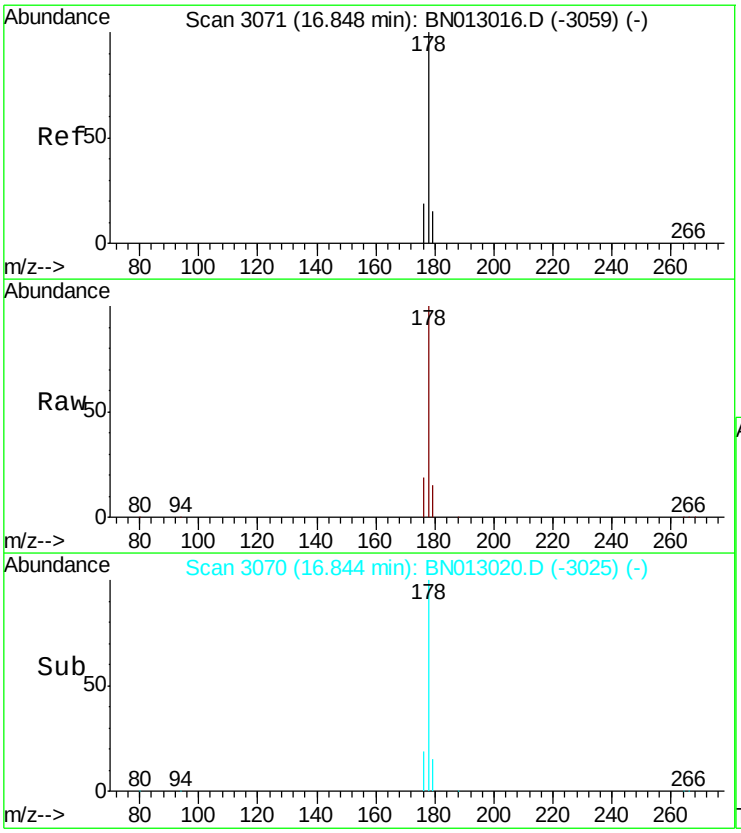
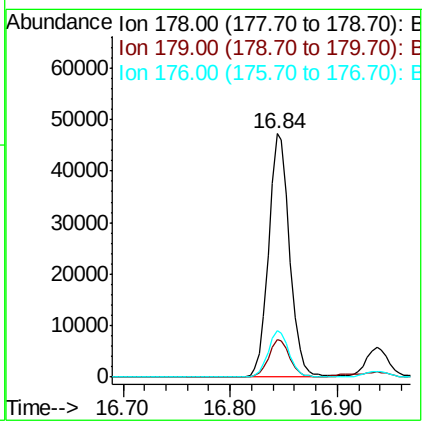
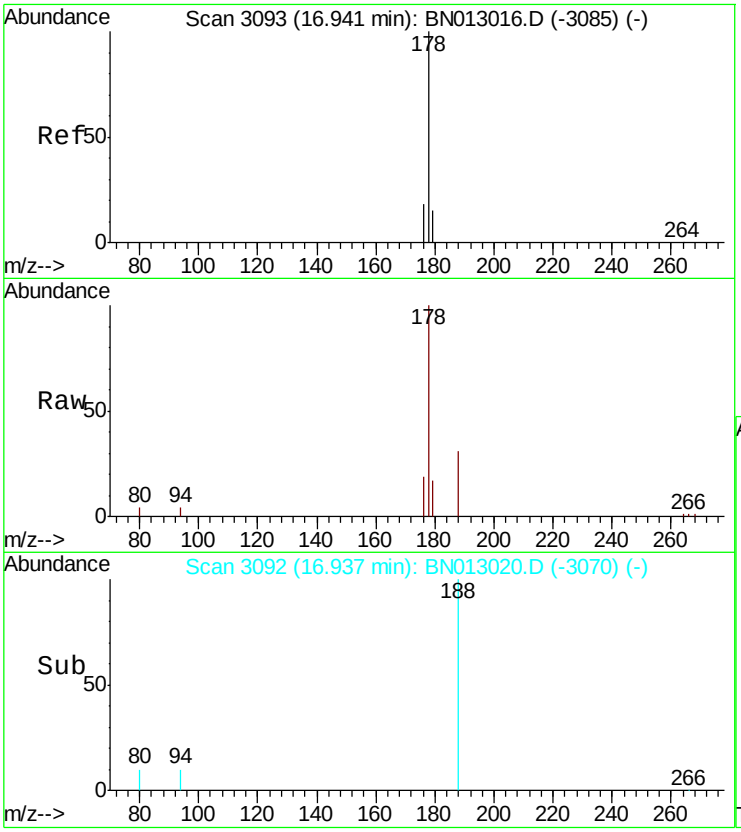


#12
Phenanthrene
Concen: 4.165 ng/ul
RT: 16.84 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:178 Resp: 63848

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	19.0	16.4	24.6

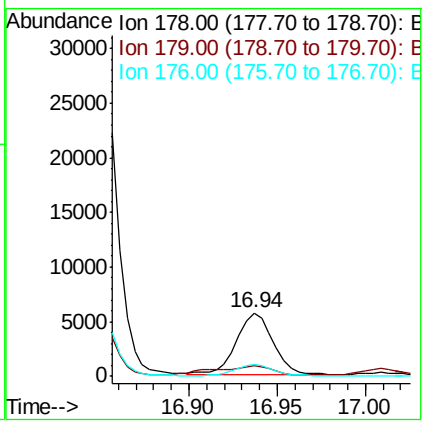




#13
Anthracene
Concen: 0.625 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:178 Resp: 8148

Ion	Ratio	Lower	Upper
178	100		
179	16.6	14.6	21.8
176	18.9	17.1	25.7



Instrument :
BNA_N
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
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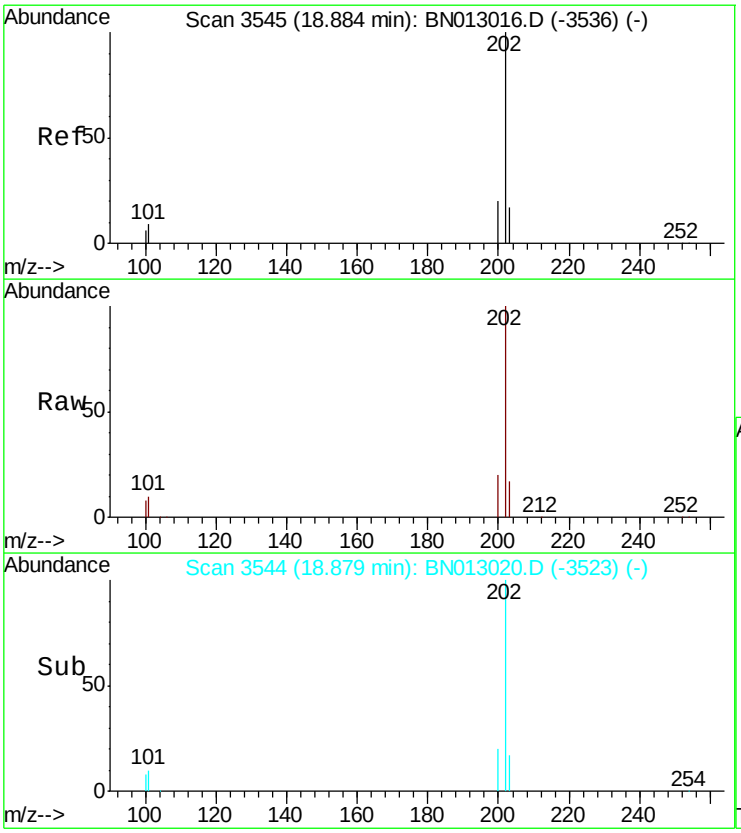
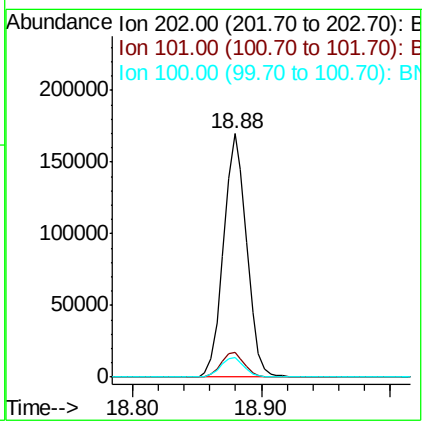
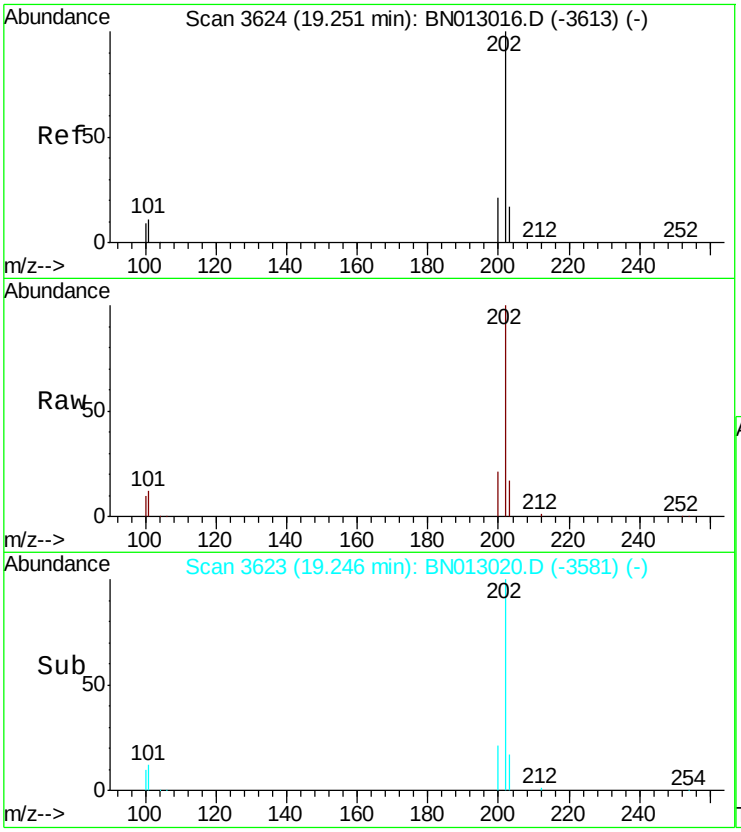


#15
Fluoranthene
Concen: 11.637 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:202 Resp: 211987

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.6
100	7.8	0.0	28.7

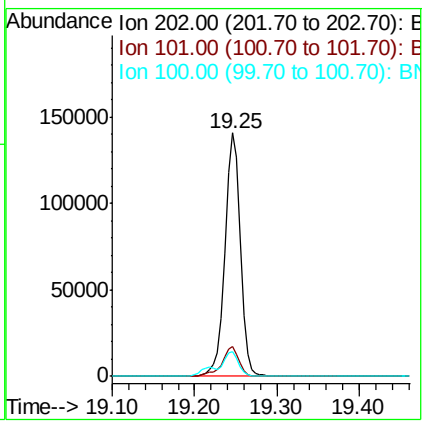




#17
Pyrene
Concen: 10.047 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:202 Resp: 182617

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	10.1	7.5	11.3



Instrument :
BNA_N
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
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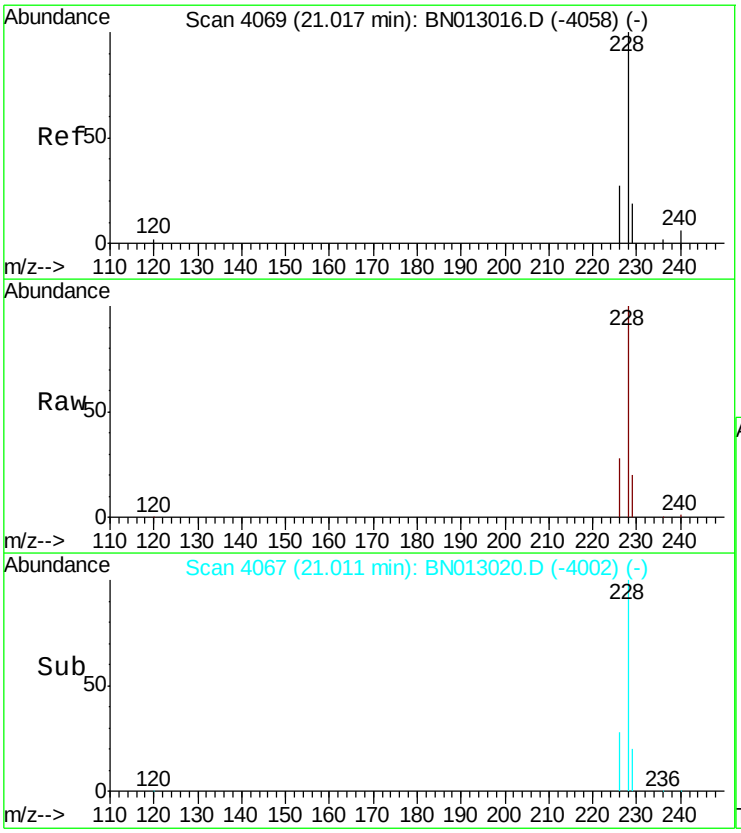
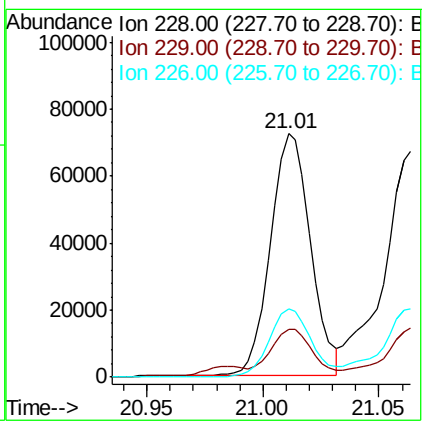
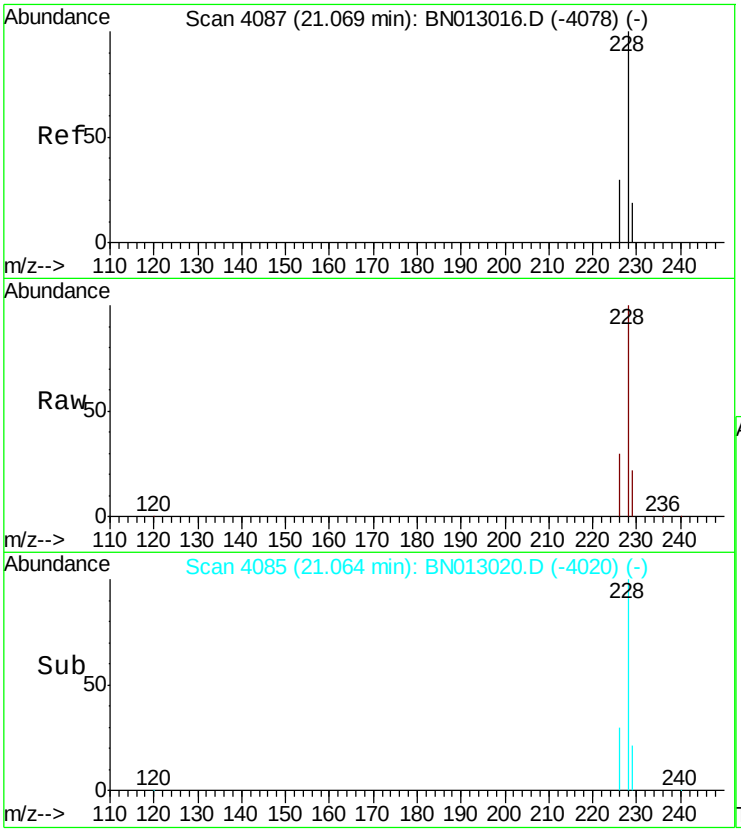


#18
Benzo(a)anthracene
Concen: 5.462 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:228 Resp: 86963

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.3	24.5
226	27.9	23.4	35.2

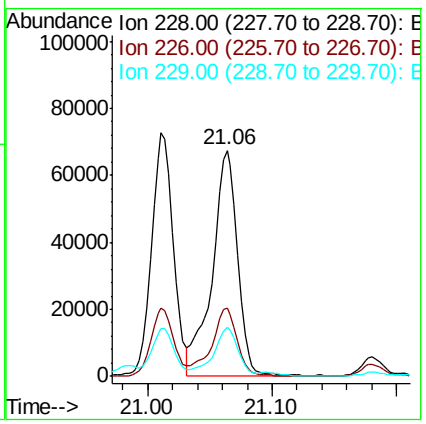




#19
Chrysene
Concen: 5.375 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:228 Resp: 94555

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.6	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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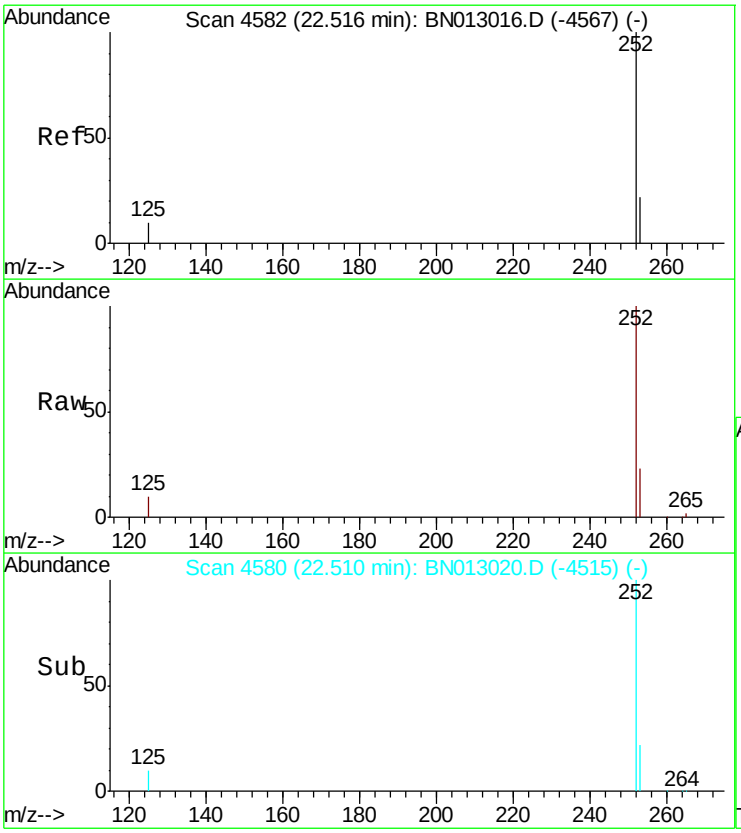
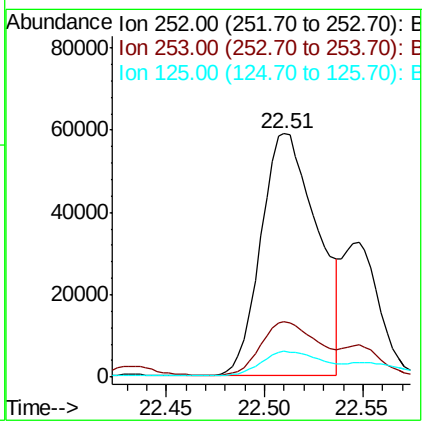
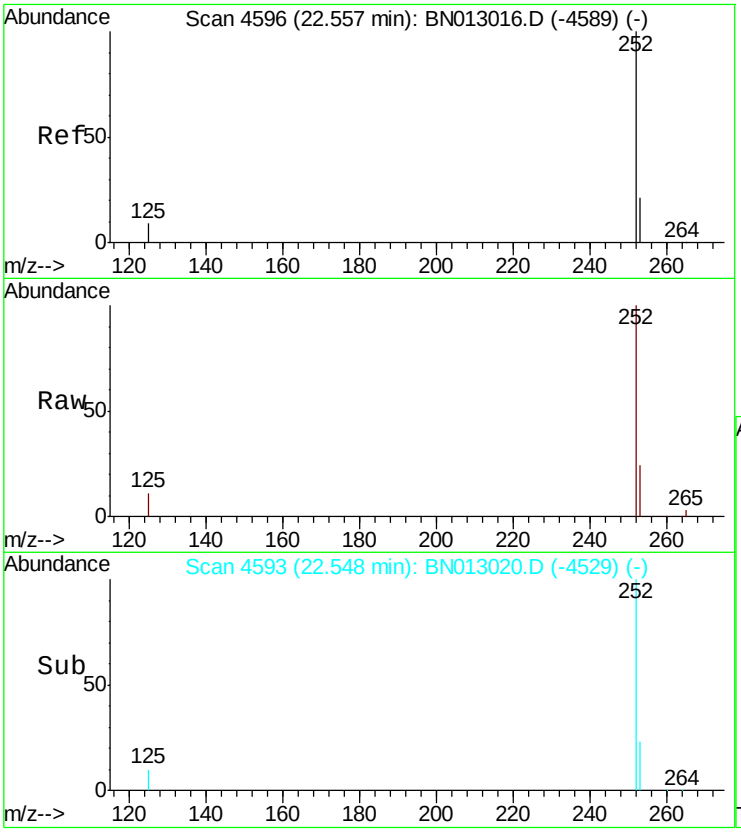


#21
Benzo(b)fluoranthene
Concen: 7.643 ng/ul m
RT: 22.51 min Scan# 4580
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:252 Resp: 117424

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	59.6
125	10.5	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 2.499 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:252 Resp: 42435

Ion	Ratio	Lower	Upper
252	100		
253	23.8	23.4	35.2
125	10.9	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
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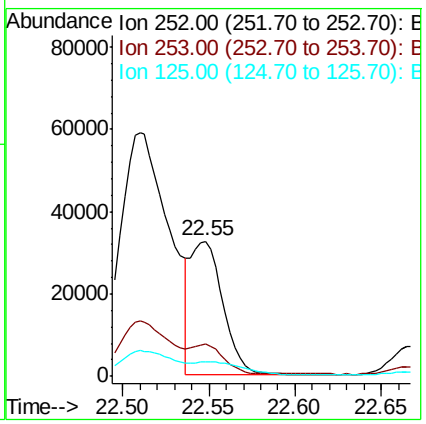
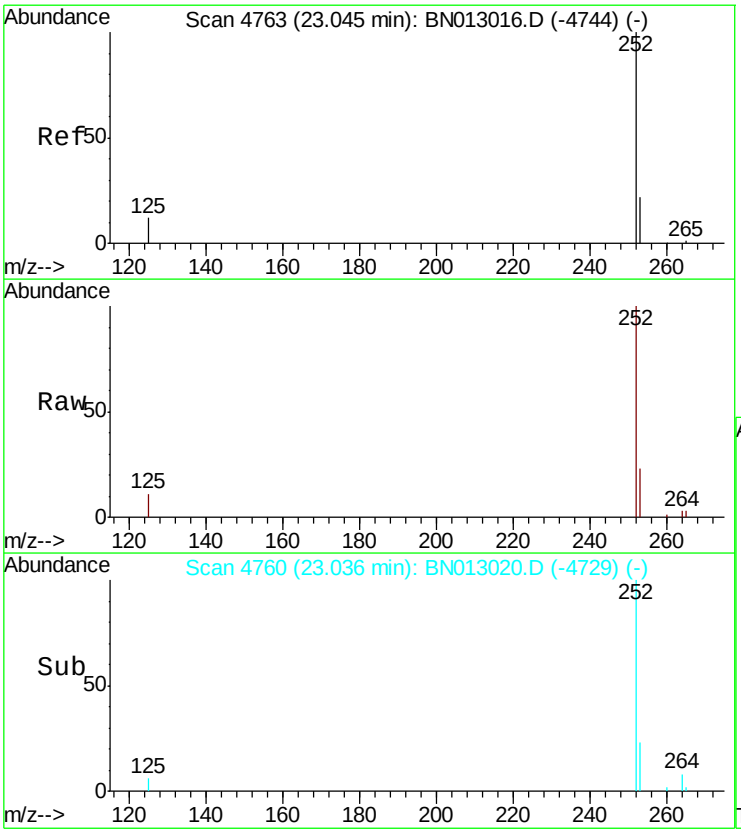
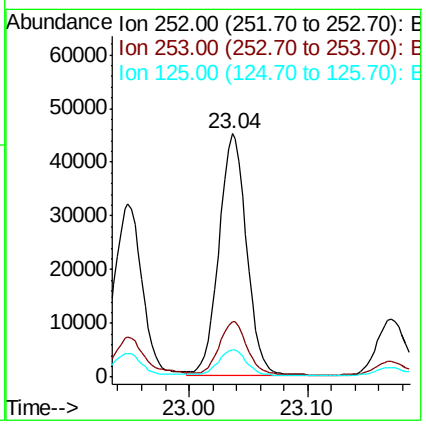


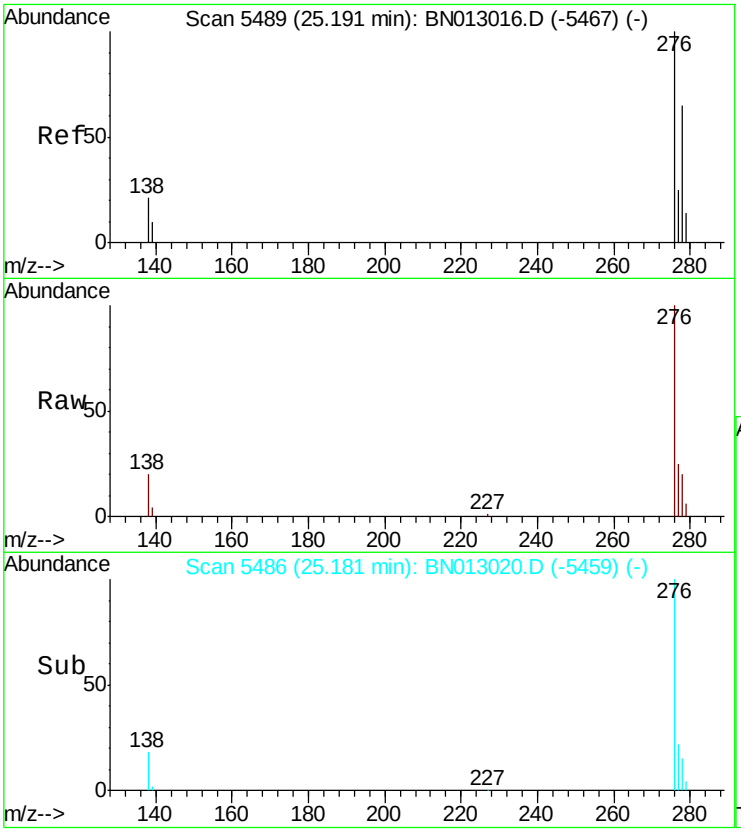


#23
Benzo(a)pyrene
Concen: 5.096 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:252 Resp: 72652

Ion	Ratio	Lower	Upper
252	100		
253	23.0	26.5	39.7#
125	11.5	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.561 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:276 Resp: 47965

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.2	24.2
227	0.2	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
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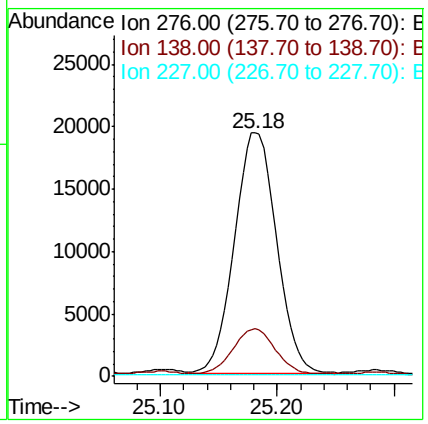
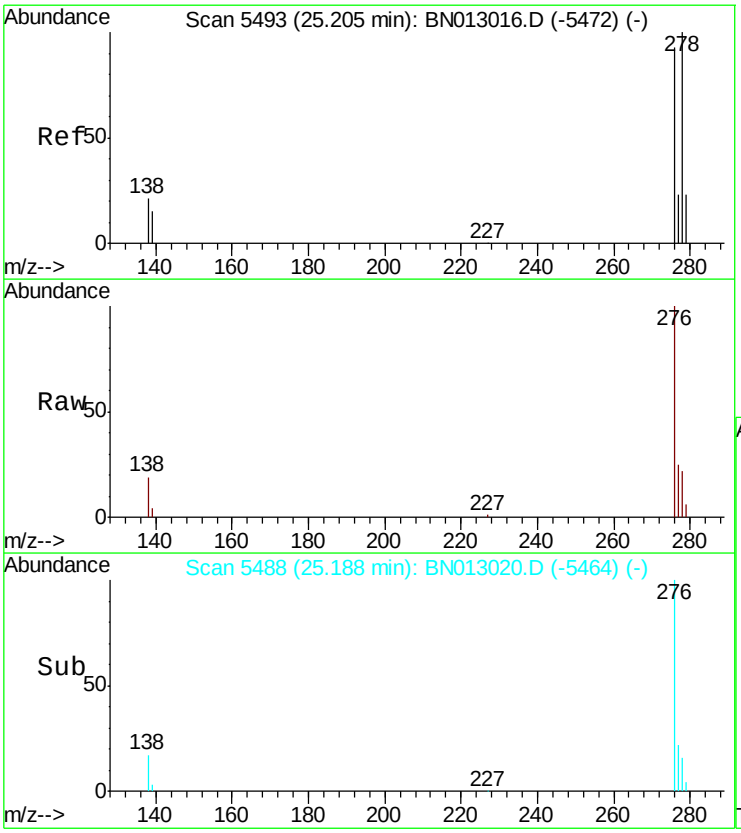
12/11/2020 1:18:03 PM

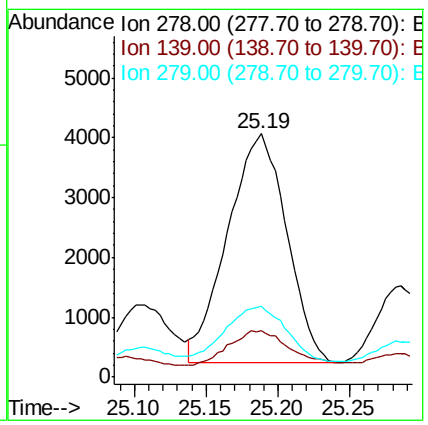


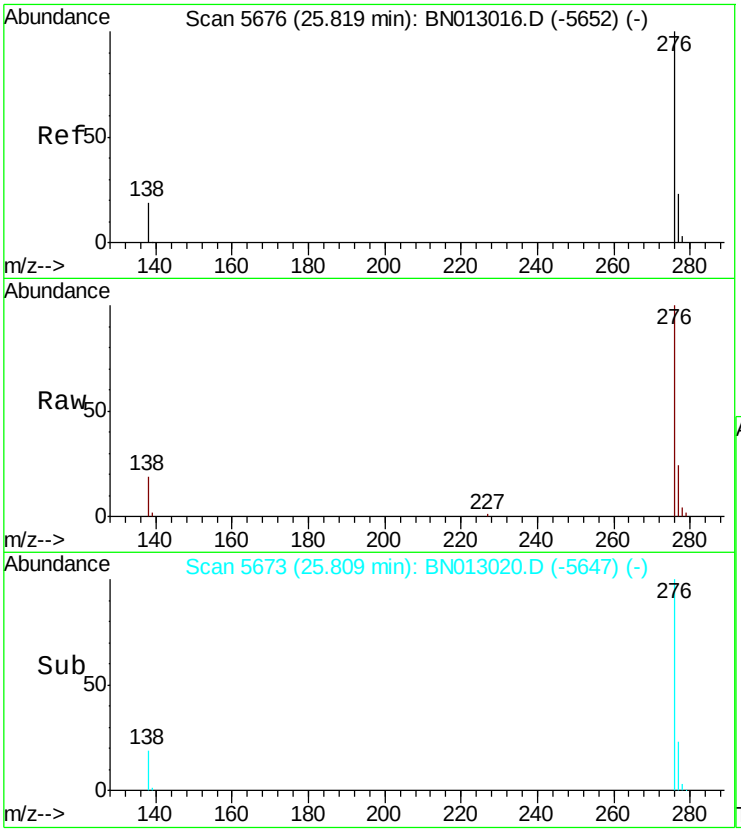


#25
Dibenzo(a,h)anthracene
Concen: 0.738 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.02 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:278 Resp: 10928

Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.5	21.7
279	28.9	26.3	39.5

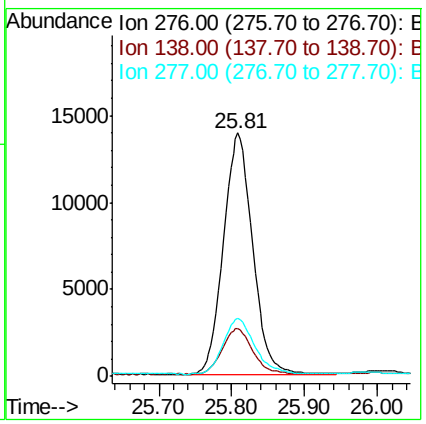




#26
Benzo(g,h,i)perylene
Concen: 2.277 ng/ul
RT: 25.81 min Scan# 5673
Delta R.T. -0.01 min
Lab File: BN013020.D
Acq: 09 Dec 2020 20:08

Tgt Ion:276 Resp: 38569

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.3	24.5
277	24.0	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
mohammad
12/11/2020 1:18:03 PM