Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101420\

Quantitation Report (QT Reviewed)

Data File : BN012242.D
Acq On : 15 Oct 2020 21:37
Operator : CG/JU
Sample : L4235-09
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AK5

Manual Integrations APPROVED
mohammad
10/19/2020 1:20:15 PM

Quant Time: Oct 16 02:11:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1740	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7274	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4233	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8898	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7551	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7562	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1645	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3849	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1094	0.052	ng/ul#	86
5) 2-Methylnaphthalene	12.06	142	567	0.043	ng/ul	97
7) Acenaphthylene	13.98	152	2093	0.114	ng/ul#	88
8) Acenaphthene	14.32	153	1493	0.096	ng/ul	97
9) Fluorene	15.31	166	2236	0.129	ng/ul#	99
11) Pentachlorophenol	16.66	266	272	0.106	ng/ul	97
12) Phenanthrene	17.05	178	33177	1.170	ng/ul	98
13) Anthracene	17.14	178	7926	0.326	ng/ul	100
15) Fluoranthene	19.07	202	70659	2.130	ng/ul	98
17) Pyrene	19.44	202	58488	1.718	ng/ul	99
18) Benzo(a)anthracene	21.19	228	36958	1.321	ng/ul	99
19) Chrysene	21.25	228	34444	1.011	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	43121m	1.412	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	17068m	0.505	ng/ul	
23) Benzo(a)pyrene	23.30	252	29193	0.982	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.58	276	19646	0.515	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	5541	0.181	ng/ul#	84
26) Benzo(g,h,i)perylene	26.24	276	16167	0.462	ng/ul	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101420\

Quantitation Report (QT Reviewed)

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Misc :
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Instrument :
BNA_N
ClientSampleId :
C0AK5

Manual Integrations APPROVED
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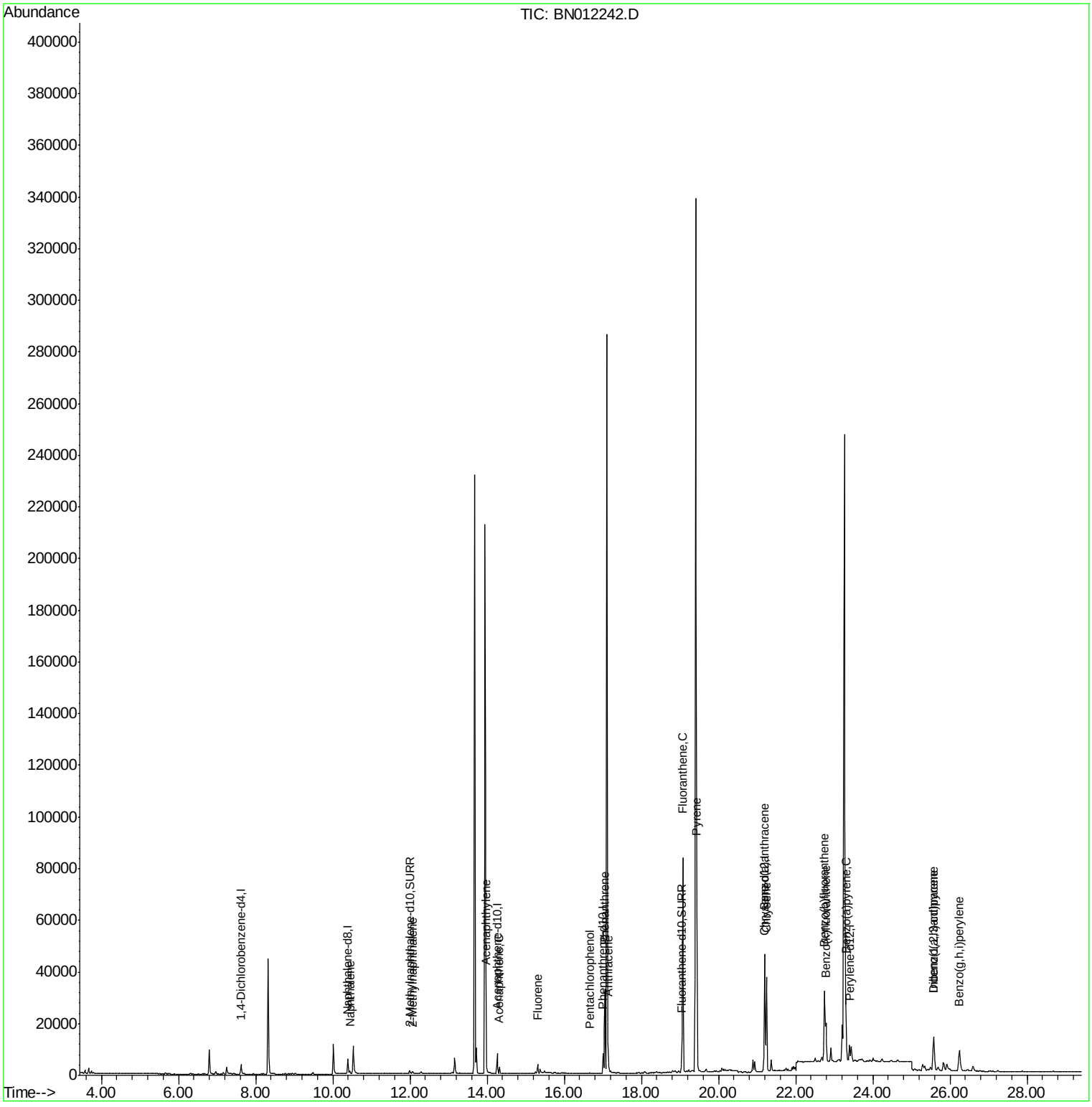

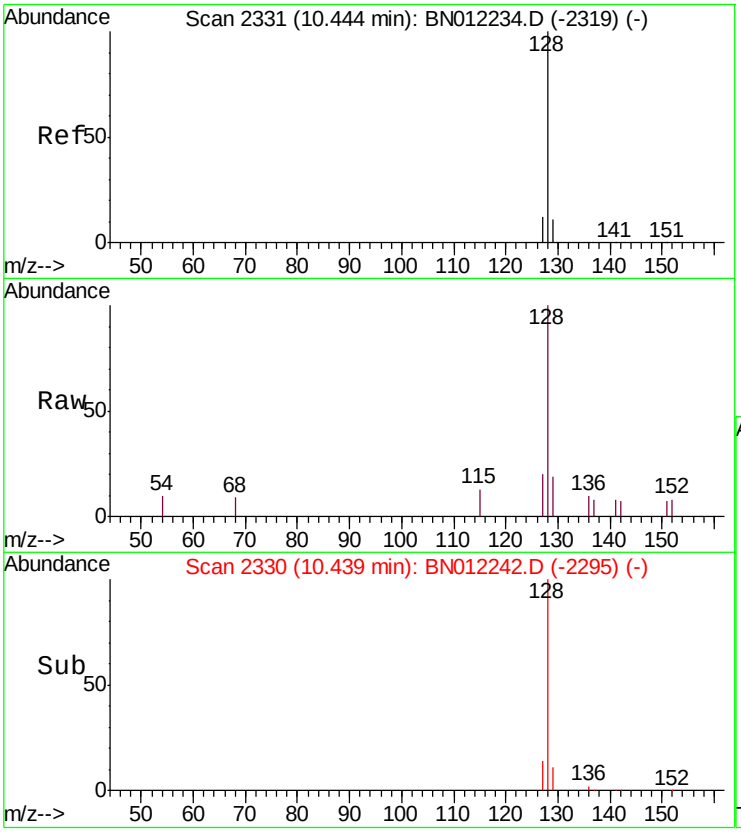

#3
Naphthalene
Concen: 0.052 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:128 Resp: 1094

Ion	Ratio	Lower	Upper
128	100		
129	19.3	10.3	15.5#
127	19.7	11.9	17.9#

Instrument :
BNA_N
ClientSampleId :
C0AK5

Manual Integrations APPROVED
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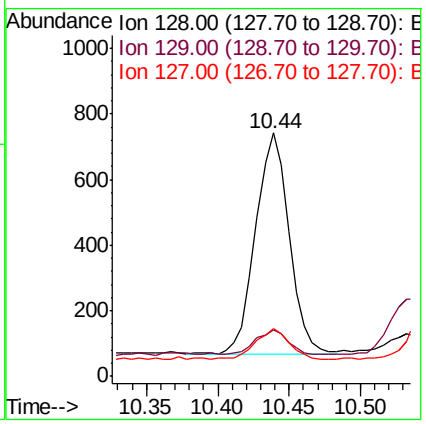
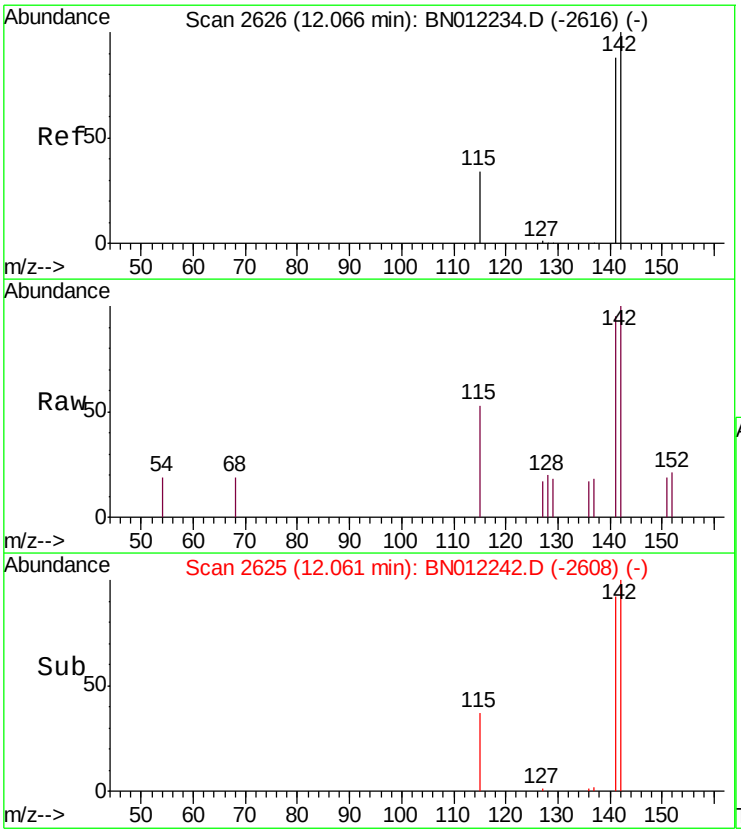
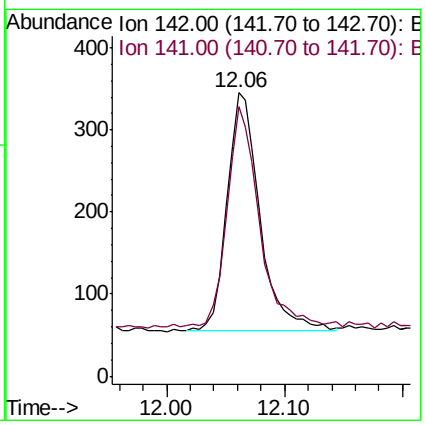


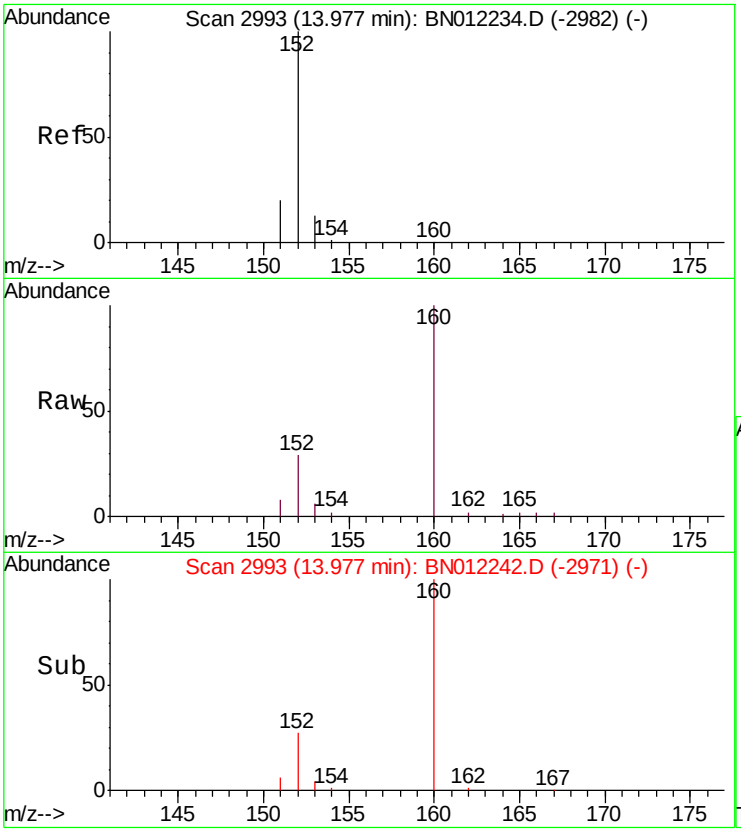


#5
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.01 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:142 Resp: 567

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.7	107.5





#7
Acenaphthylene
Concen: 0.114 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. 0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:152 Resp: 2093

Ion	Ratio	Lower	Upper
152	100		
151	26.9	16.7	25.1#
153	19.1	11.8	17.8#

Instrument :
BNA_N
ClientSampleId :
C0AK5

Manual Integrations APPROVED
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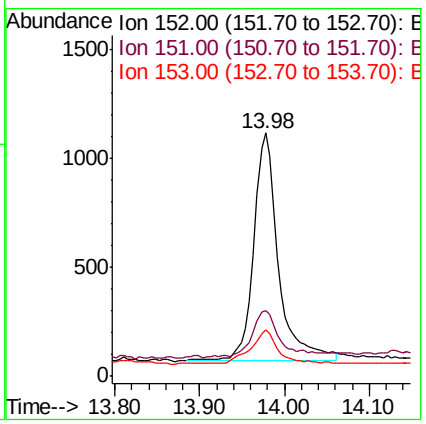
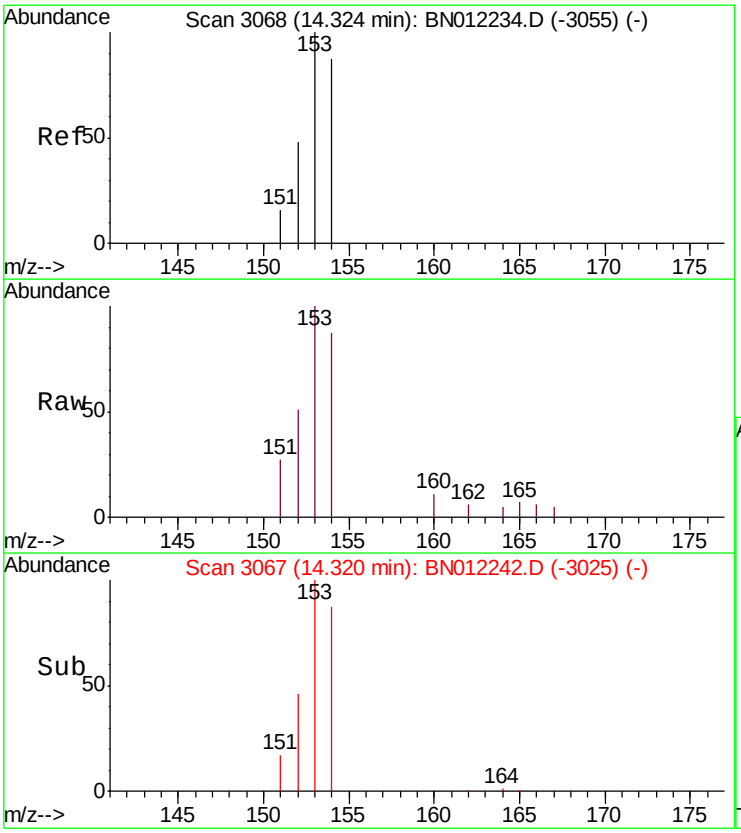
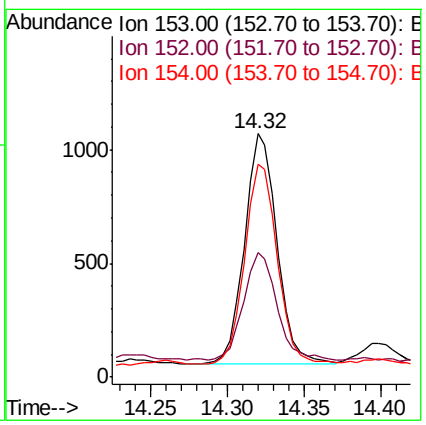


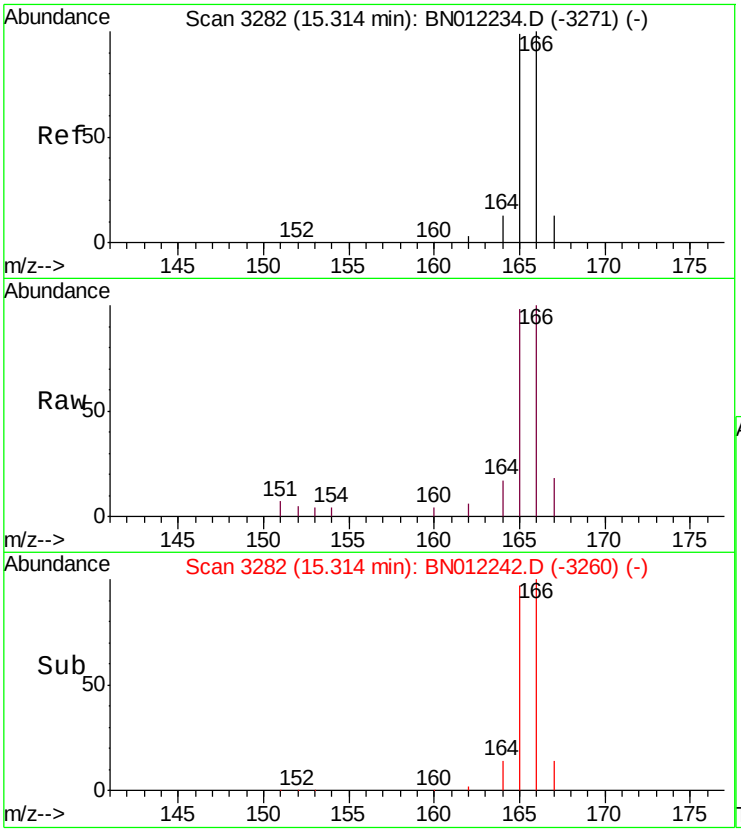


#8
Acenaphthene
Concen: 0.096 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:153 Resp: 1493

Ion	Ratio	Lower	Upper
153	100		
152	51.0	38.2	57.2
154	87.3	71.1	106.7

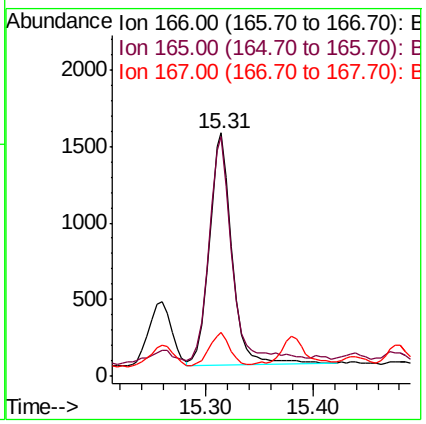




#9
Fluorene
Concen: 0.129 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. 0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:166 Resp: 2236

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	118.0
167	18.2	11.9	17.9#



Instrument :
BNA_N
ClientSampleId :
C0AK5

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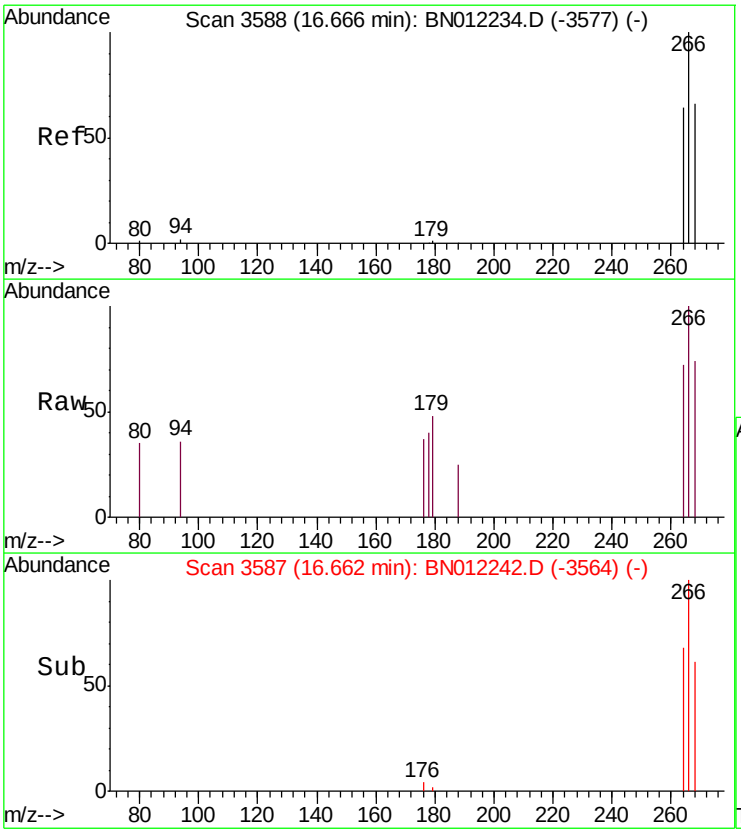
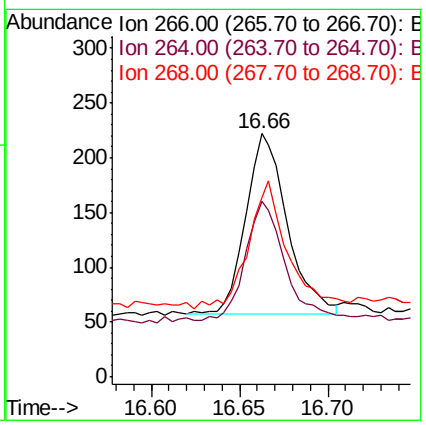
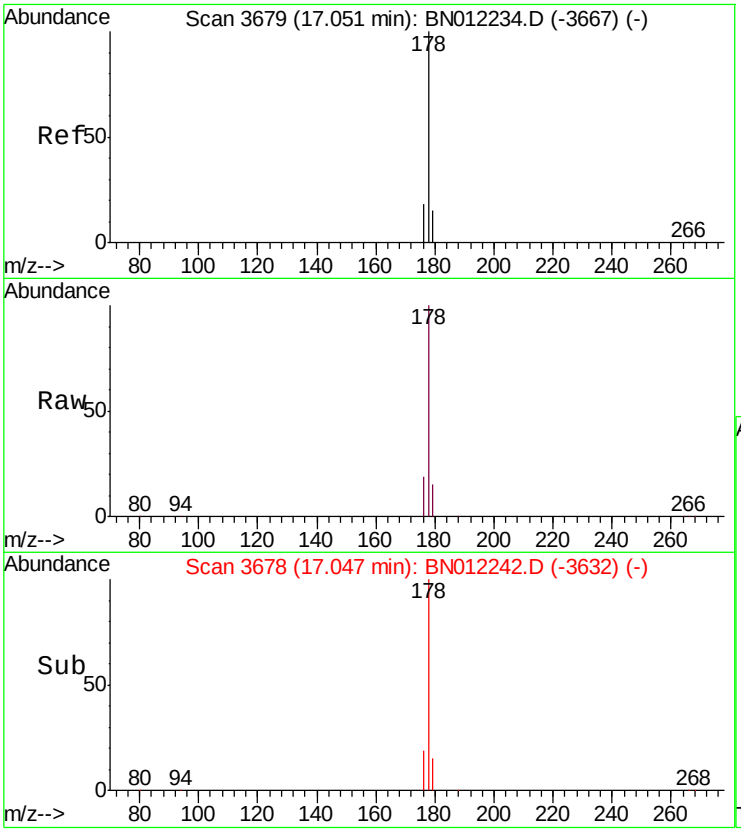


#11
Pentachlorophenol
Concen: 0.106 ng/ul
RT: 16.66 min Scan# 3587
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:266 Resp: 272

Ion	Ratio	Lower	Upper
266	100		
264	65.4	50.3	75.5
268	67.3	52.4	78.6

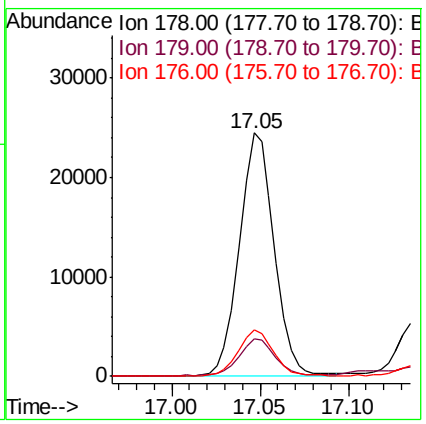




#12
Phenanthrene
Concen: 1.170 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:178 Resp: 33177

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.4	20.2
176	18.9	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
C0AK5

Manual Integrations APPROVED
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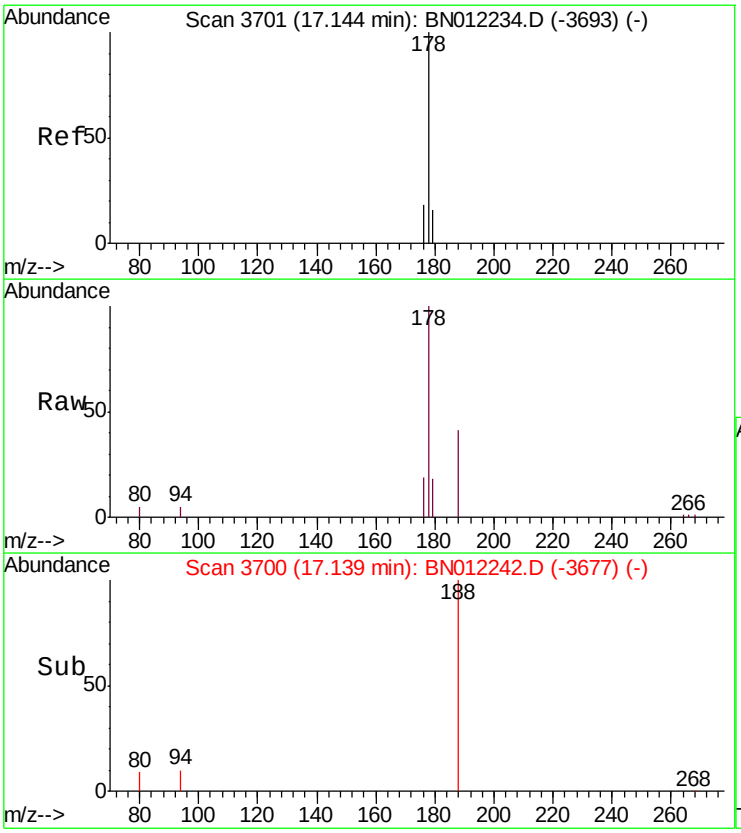
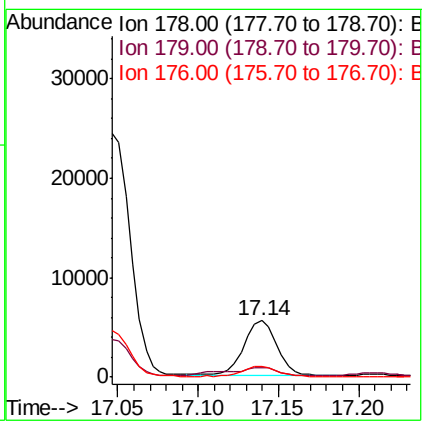
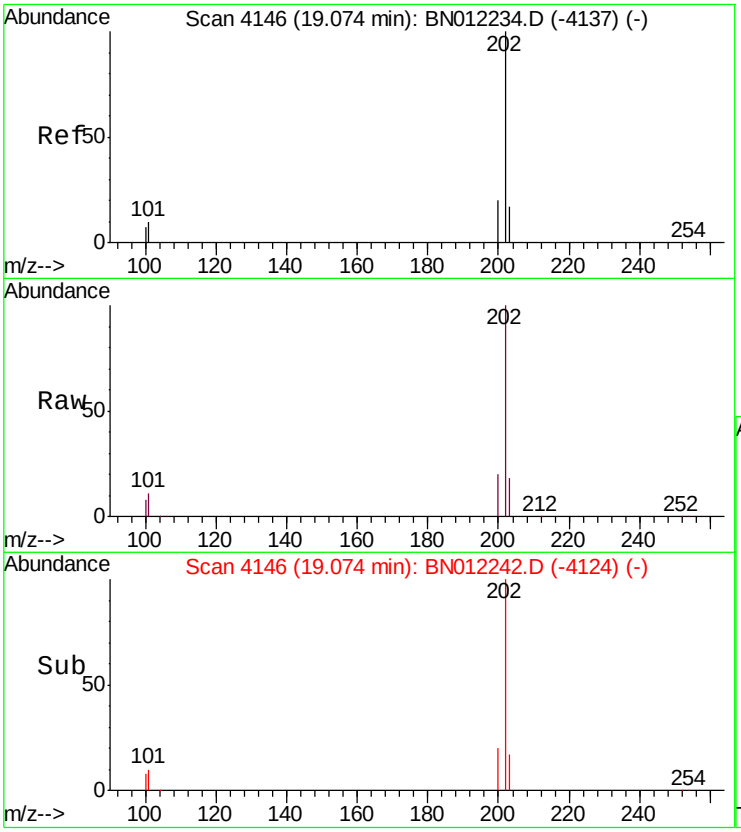


#13
Anthracene
Concen: 0.326 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:178 Resp: 7926

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.9	20.9
176	19.4	15.4	23.0

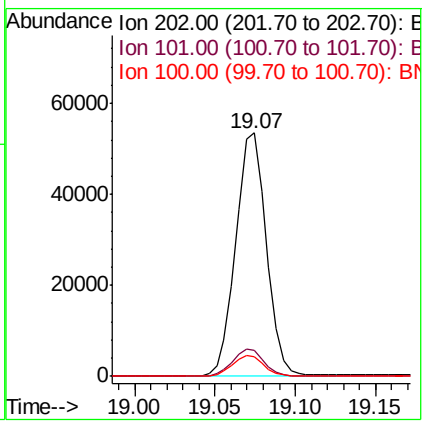




#15
Fluoranthene
Concen: 2.130 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:202 Resp: 70659

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.0
100	7.9	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0AK5

Manual Integrations APPROVED
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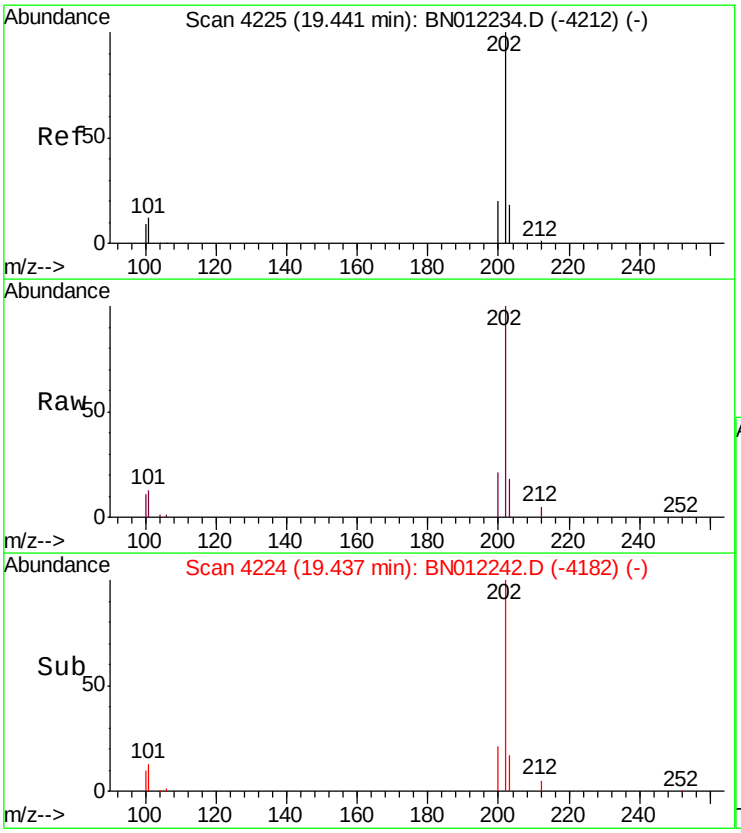
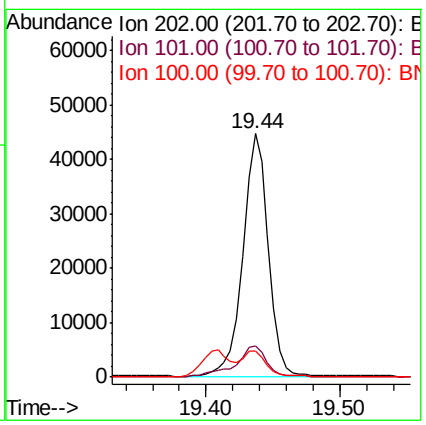
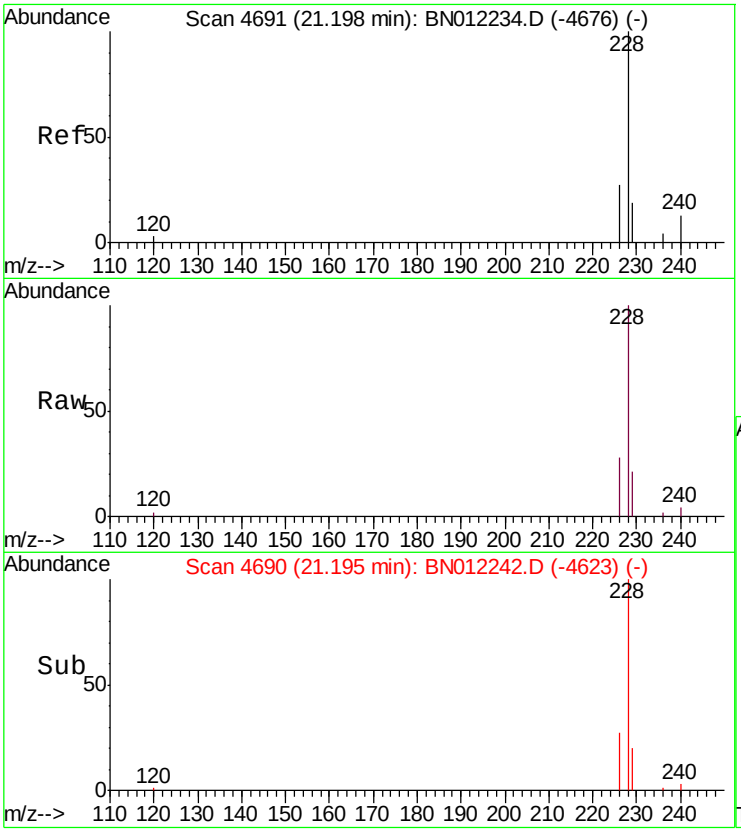


#17
Pyrene
Concen: 1.718 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:202 Resp: 58488

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.9	14.9
100	10.6	8.0	12.0

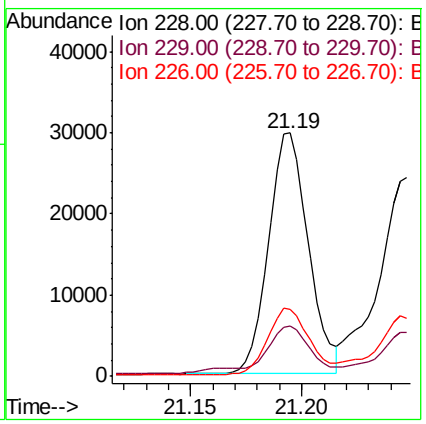




#18
Benzo(a)anthracene
Concen: 1.321 ng/ul
RT: 21.19 min Scan# 4690
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:228 Resp: 36958

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.8
226	27.7	22.6	33.8



Instrument :
BNA_N
ClientSampleId :
C0AK5

Manual Integrations APPROVED
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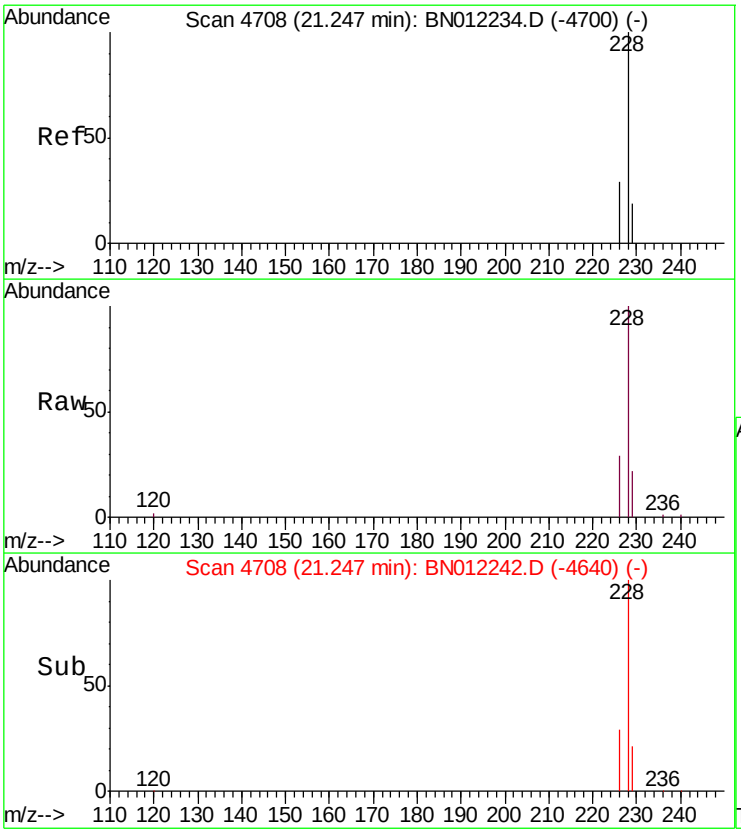
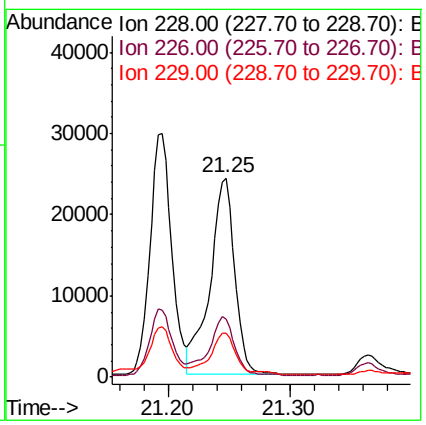
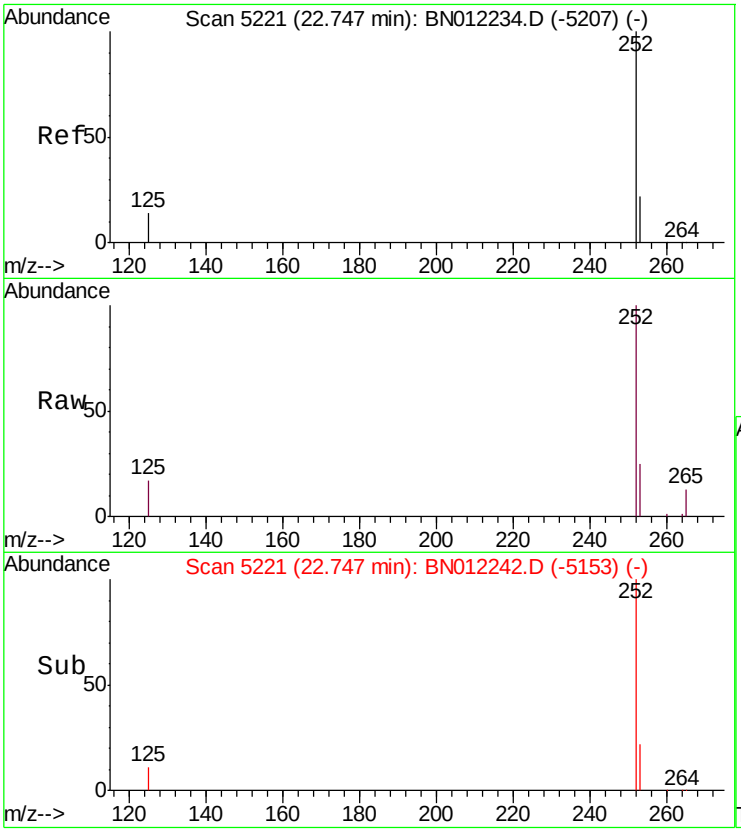


#19
Chrysene
Concen: 1.011 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. 0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:228 Resp: 34444

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	22.3	17.0	25.6

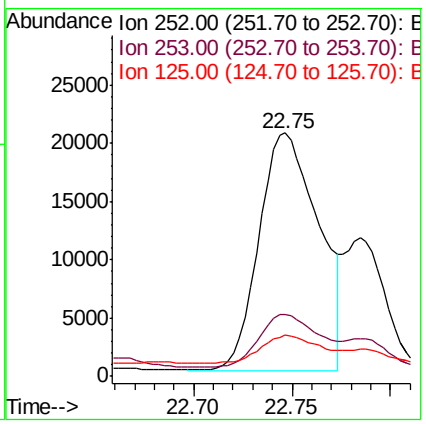




#21
Benzo(b)fluoranthene
Concen: 1.412 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. 0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:252 Resp: 43121

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	61.6
125	16.8	0.0	36.8



Instrument :
BNA_N
ClientSampleId :
C0AK5

Manual Integrations APPROVED
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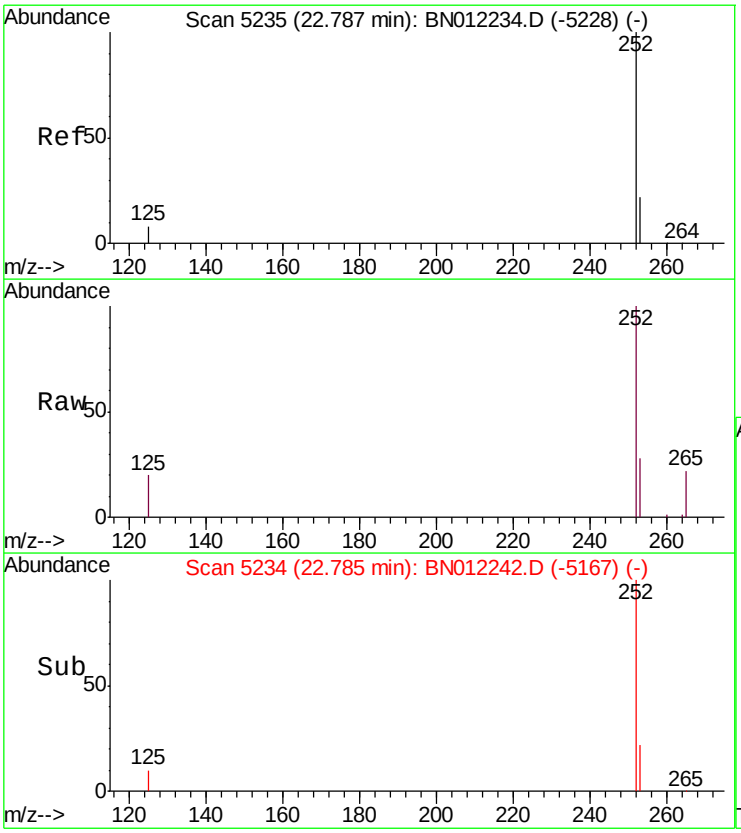
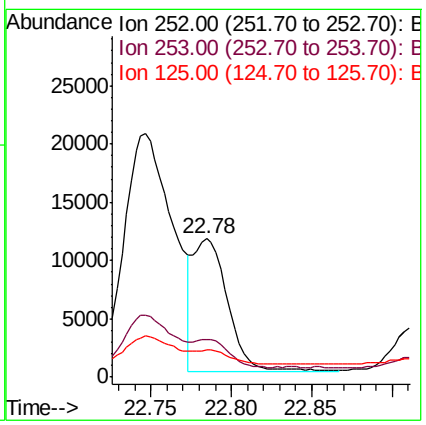
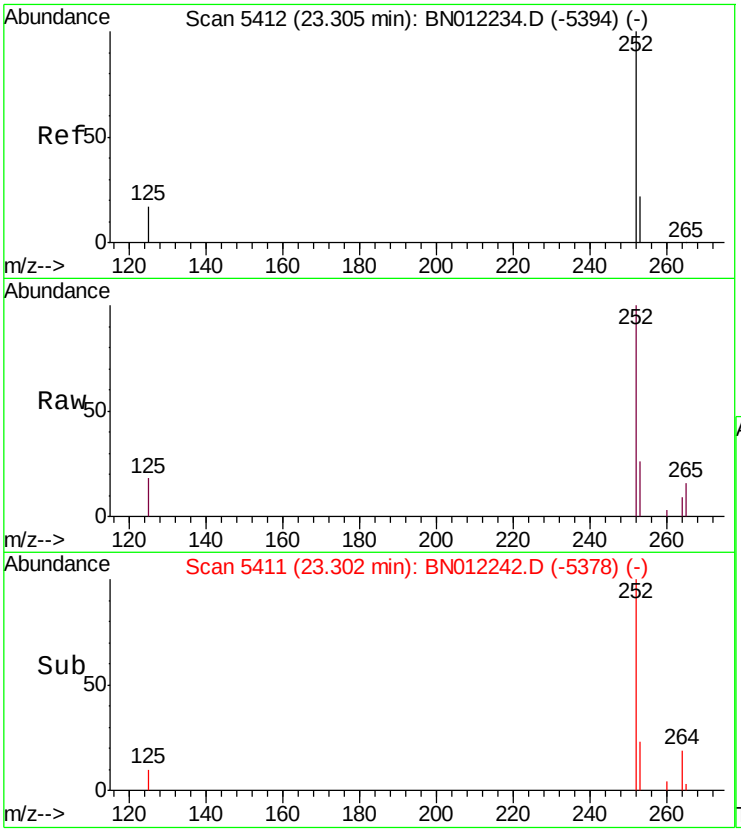


#22
Benzo(k)fluoranthene
Concen: 0.505 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:252 Resp: 17068

Ion	Ratio	Lower	Upper
252	100		
253	27.5	24.4	36.6
125	20.0	12.9	19.3#





#23
Benzo(a)pyrene
Concen: 0.982 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:252 Resp: 29193

Ion	Ratio	Lower	Upper
252	100		
253	25.7	27.0	40.4#
125	18.1	18.8	28.2#

Instrument :
BNA_N
ClientSampleId :
C0AK5

Manual Integrations APPROVED
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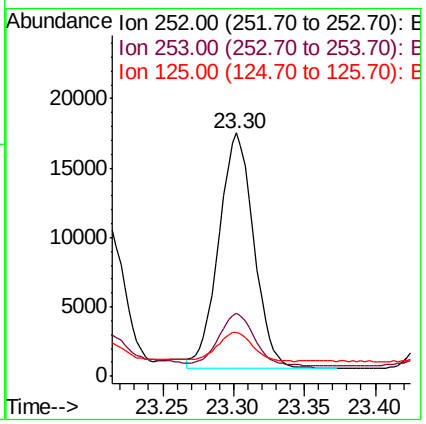
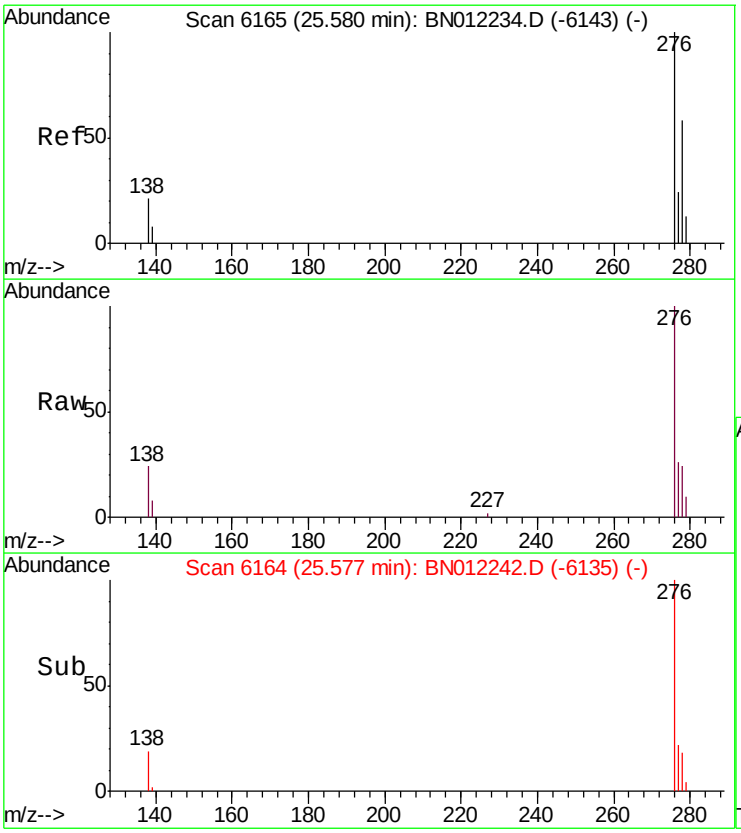
10/19/2020 1:20:15 PM

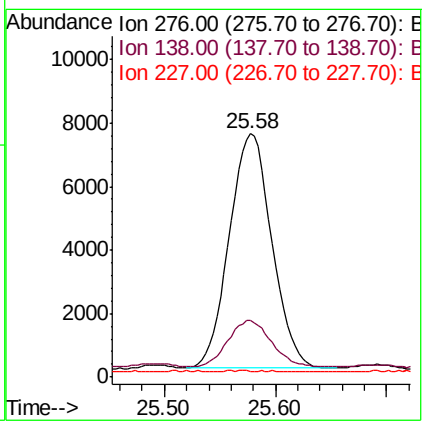


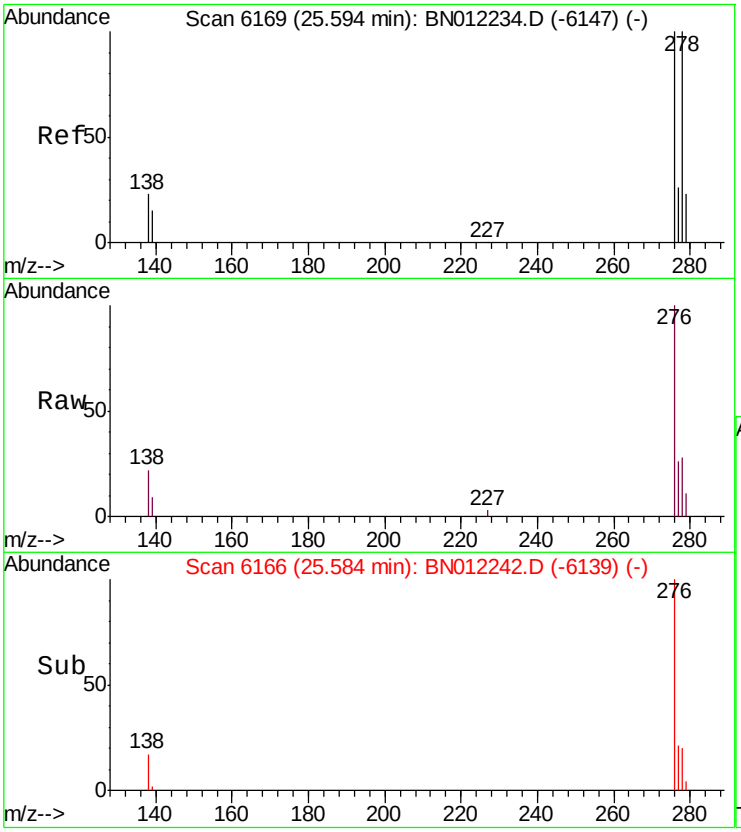


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.515 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:276 Resp: 19646

Ion	Ratio	Lower	Upper
276	100		
138	20.5	0.0	0.0#
227	0.1	0.0	0.0#

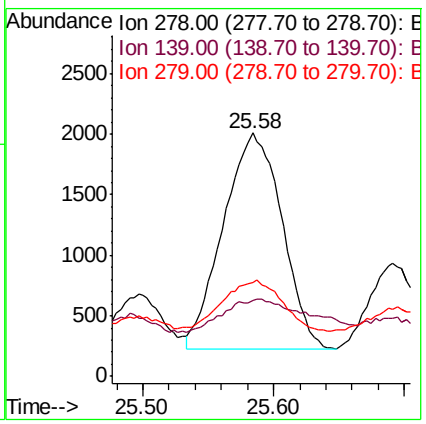




#25
Dibenzo(a,h)anthracene
Concen: 0.181 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.01 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

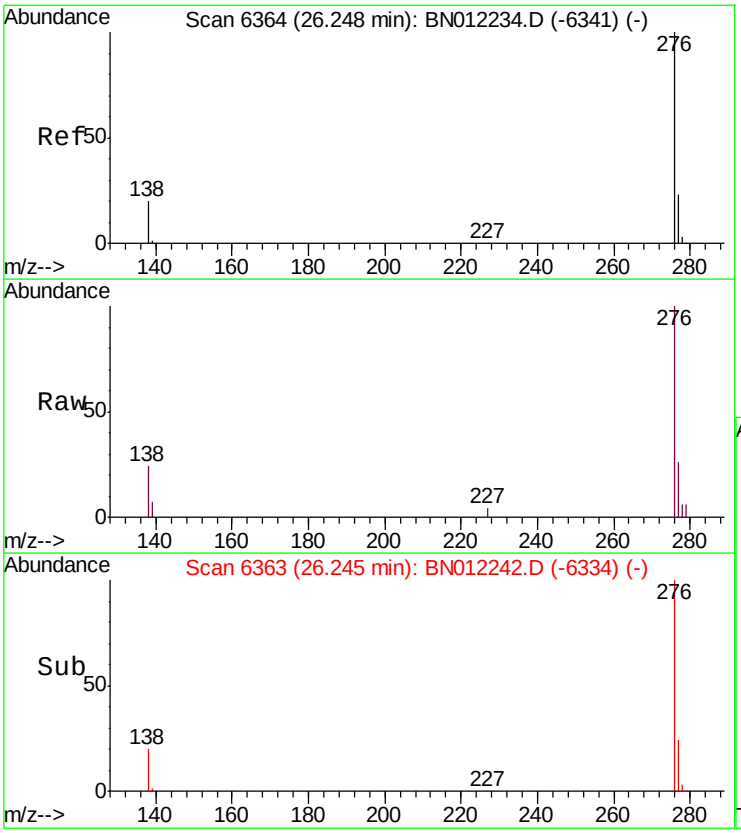
Tgt Ion:278 Resp: 5541

Ion	Ratio	Lower	Upper
278	100		
139	31.0	15.7	23.5#
279	38.5	26.0	39.0



Instrument :
BNA_N
ClientSampleId :
C0AK5

Manual Integrations APPROVED
mohammad
10/19/2020 1:20:15 PM



#26
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 26.24 min Scan# 6363
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:276 Resp: 16167

Ion	Ratio	Lower	Upper
276	100		
138	24.4	17.1	25.7
277	26.2	21.1	31.7