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

Quantitation Report (QT Reviewed)

Data File : BN012223.D
Acq On : 15 Oct 2020 10:11
Operator : CG/JU
Sample : L4201-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AJ9

Manual Integrations APPROVED
mohammad
10/19/2020 1:19:17 PM

Quant Time: Oct 15 10:57:36 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 : Thu Oct 15 10:47:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2005	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8515	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	5244	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	11117m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	9132	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	9471	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3456	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	7325	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	584	0.024	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	477	0.031	ng/ul	93
7) Acenaphthylene	13.98	152	849	0.037	ng/ul#	83
8) Acenaphthene	14.32	153	497	0.026	ng/ul#	94
9) Fluorene	15.31	166	630	0.029	ng/ul#	94
11) Pentachlorophenol	16.66	266	394	0.123	ng/ul	94
12) Phenanthrene	17.05	178	3019	0.085	ng/ul	95
13) Anthracene	17.14	178	1222	0.040	ng/ul#	89
15) Fluoranthene	19.07	202	7355	0.177	ng/ul	97
17) Pyrene	19.44	202	7602	0.185	ng/ul	97
18) Benzo(a)anthracene	21.19	228	3778	0.112	ng/ul#	93
19) Chrysene	21.25	228	4949	0.120	ng/ul	96
21) Benzo(b)fluoranthene	22.75	252	6315	0.165	ng/ul#	61
22) Benzo(k)fluoranthene	22.79	252	2761	0.065	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	3986	0.107	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.58	276	3750	0.078	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	1563	0.041	ng/ul#	33
26) Benzo(g,h,i)perylene	26.24	276	3641	0.083	ng/ul#	83

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

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

Quantitation Report (QT Reviewed)

Data File : BN012223.D
Acq On : 15 Oct 2020 10:11
Operator : CG/JU
Sample : L4201-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 15 10:57:36 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 : Thu Oct 15 10:47:40 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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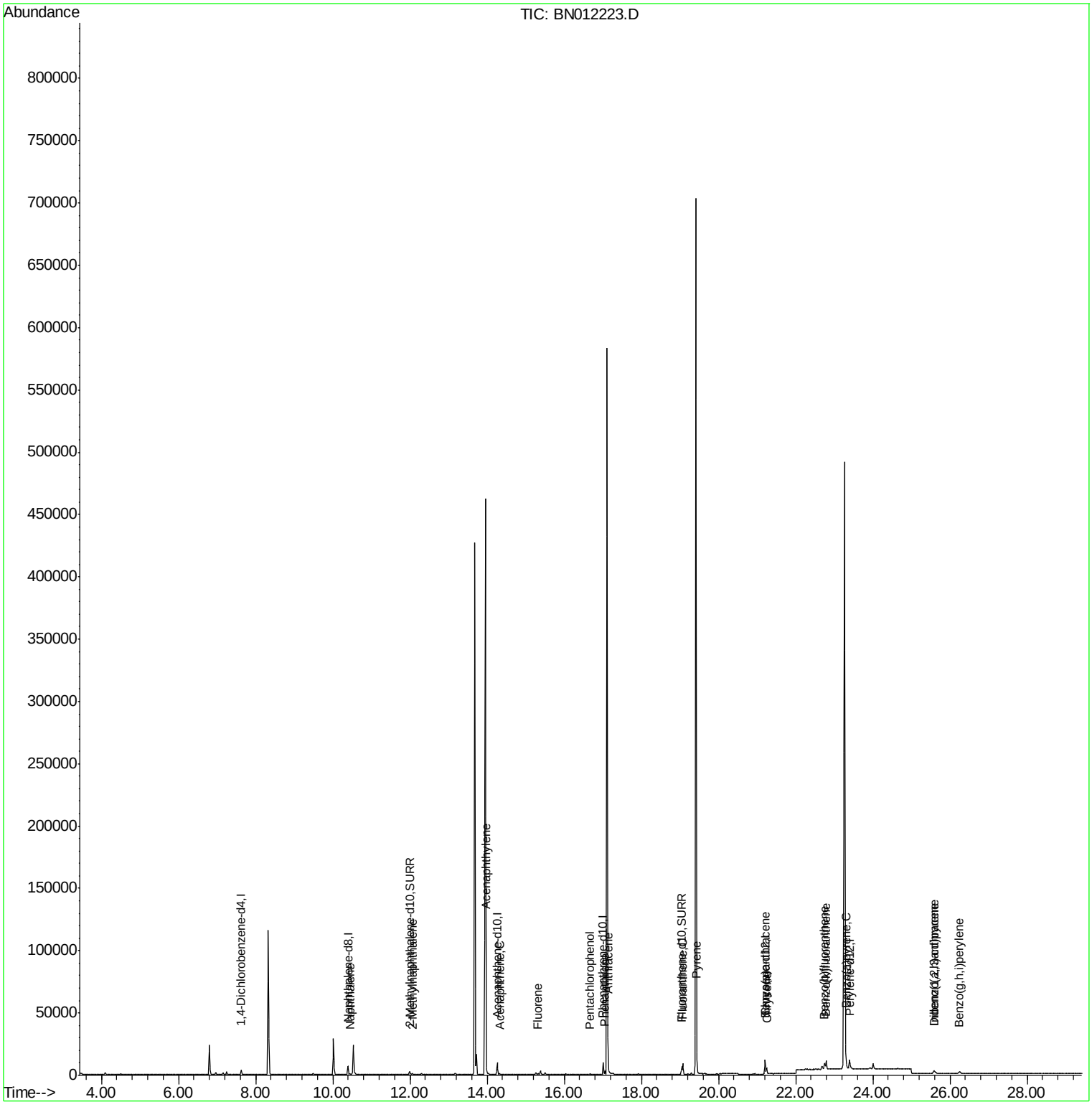

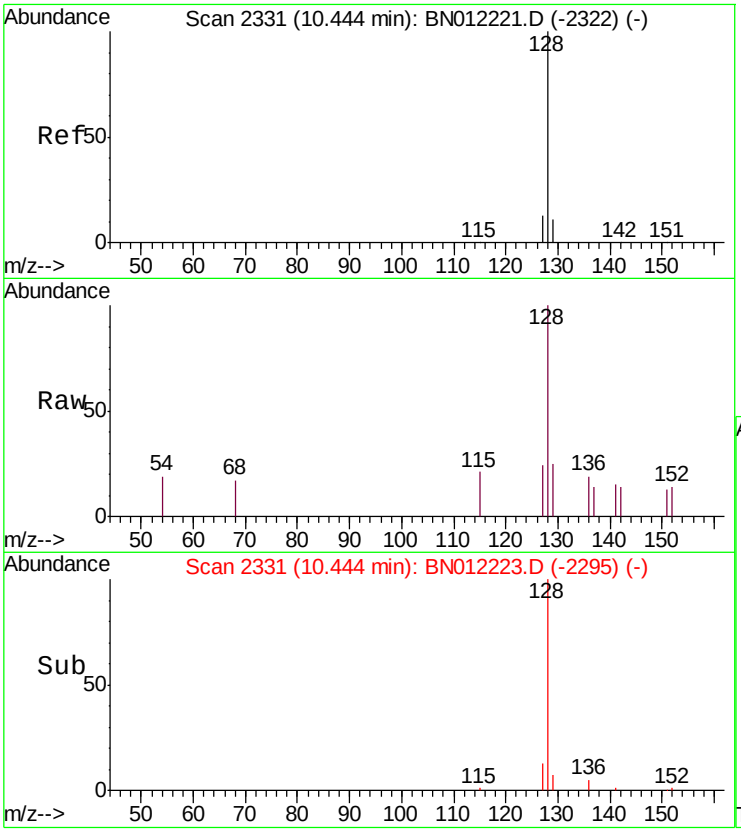

#3
Naphthalene
Concen: 0.024 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:128 Resp: 584

Ion	Ratio	Lower	Upper
128	100		
129	25.1	10.3	15.5#
127	23.7	11.9	17.9#

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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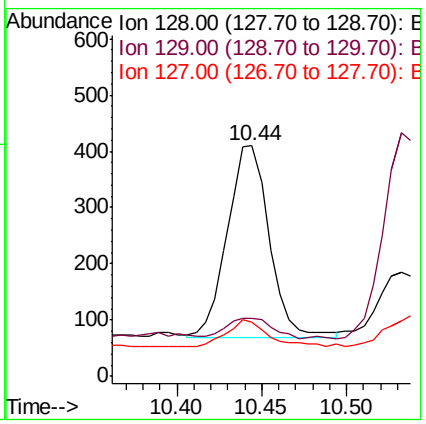
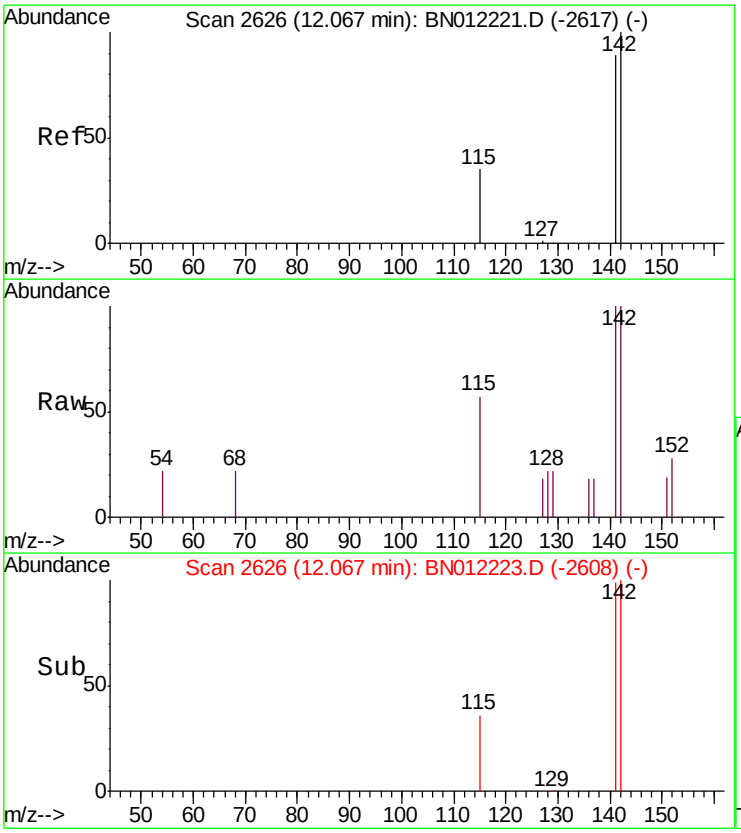
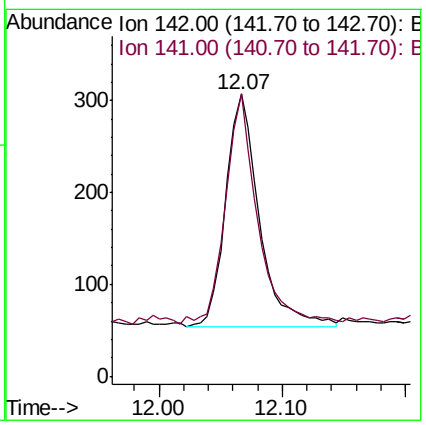


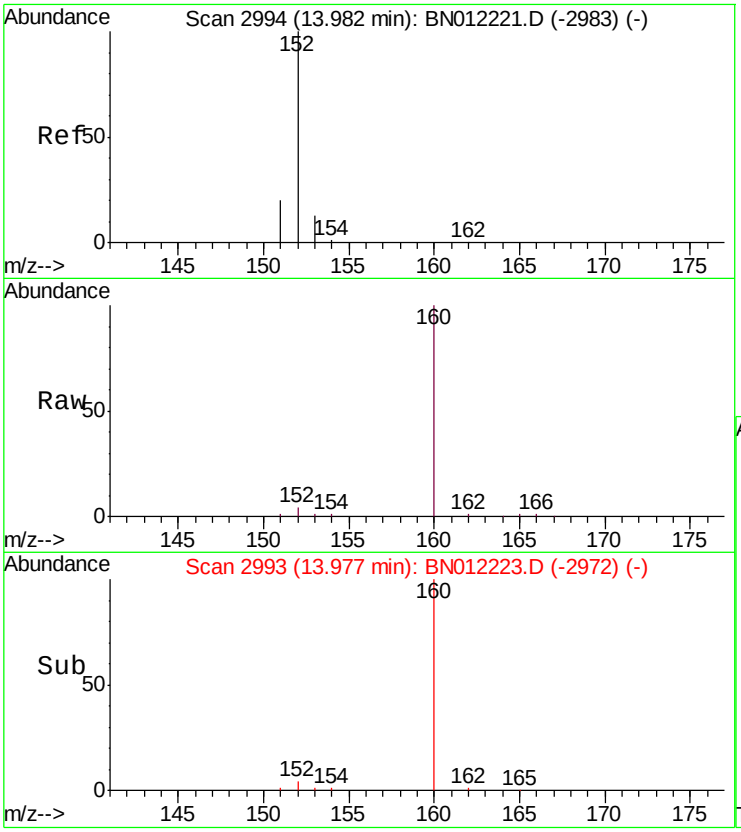


#5
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:142 Resp: 477

Ion	Ratio	Lower	Upper
142	100		
141	96.0	71.7	107.5





#7
Acenaphthylene
Concen: 0.037 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:152 Resp: 849

Ion	Ratio	Lower	Upper
152	100		
151	28.1	16.7	25.1#
153	22.4	11.8	17.8#

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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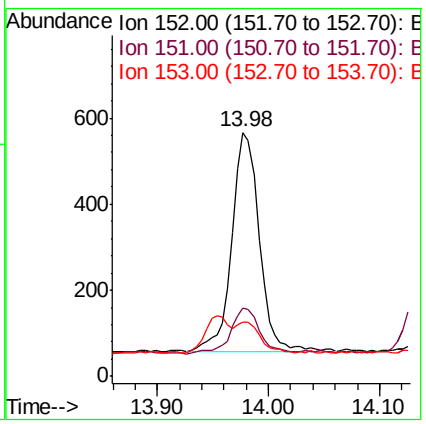
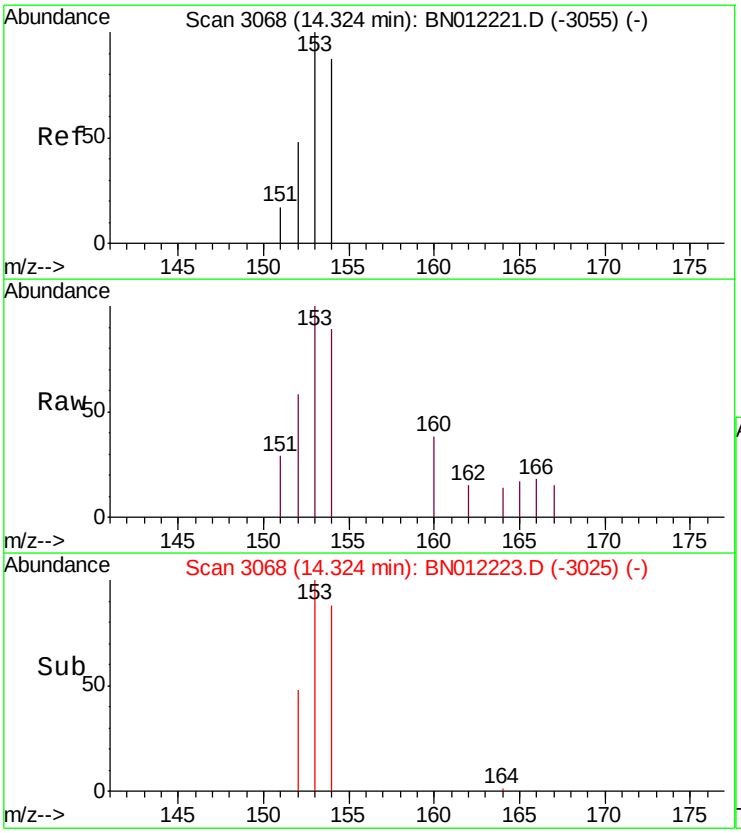
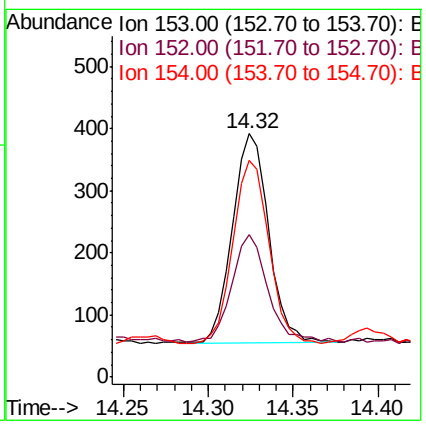


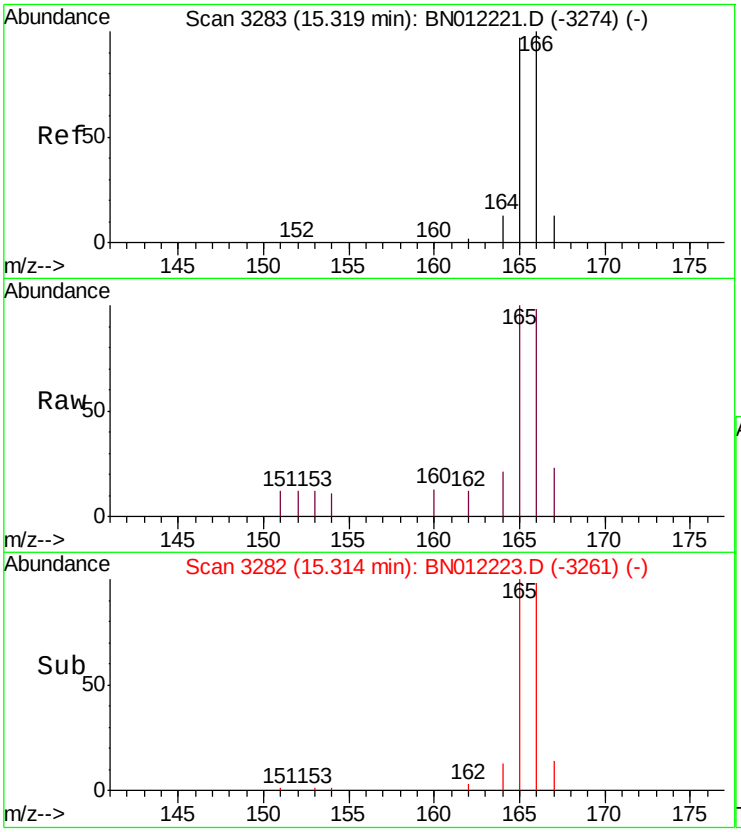


#8
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:153 Resp: 497

Ion	Ratio	Lower	Upper
153	100		
152	58.4	38.2	57.2#
154	89.0	71.1	106.7





#9
Fluorene
Concen: 0.029 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:166 Resp: 630

Ion	Ratio	Lower	Upper
166	100		
165	102.3	78.6	118.0
167	23.7	11.9	17.9#

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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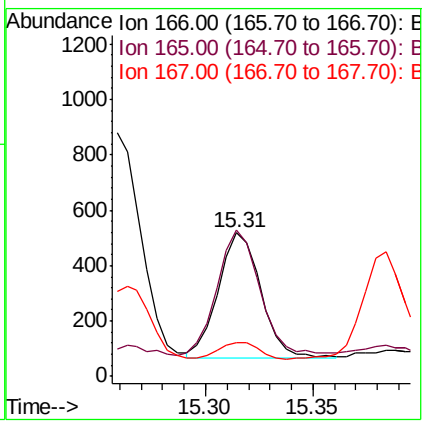
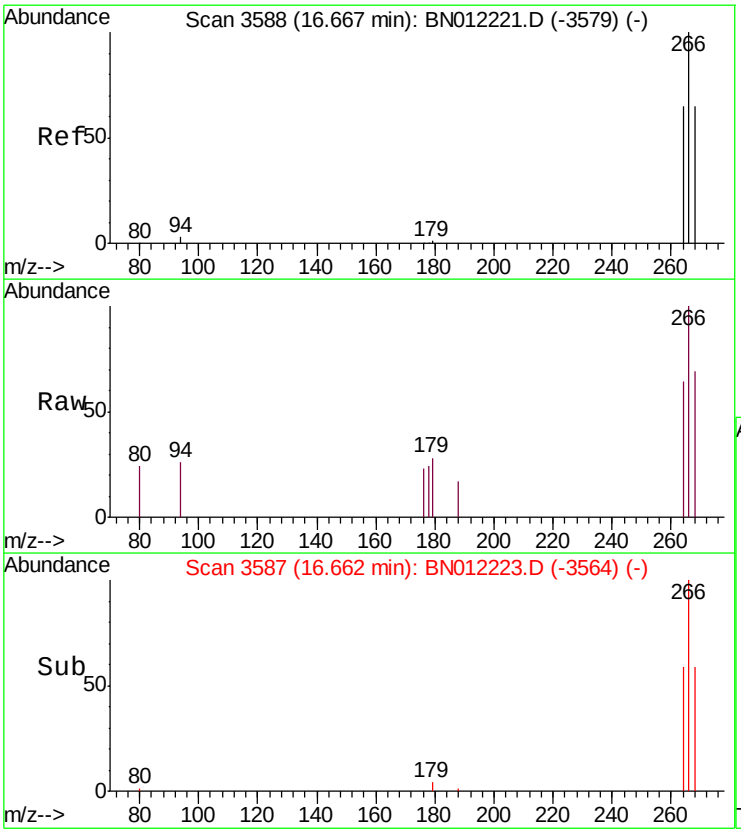
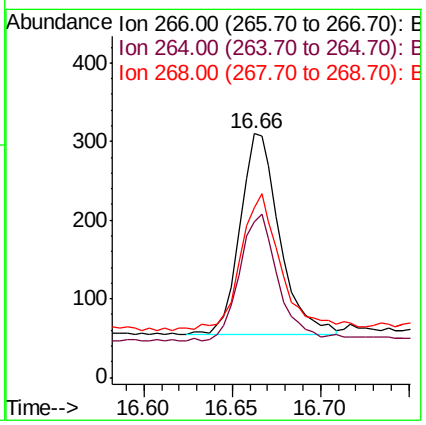


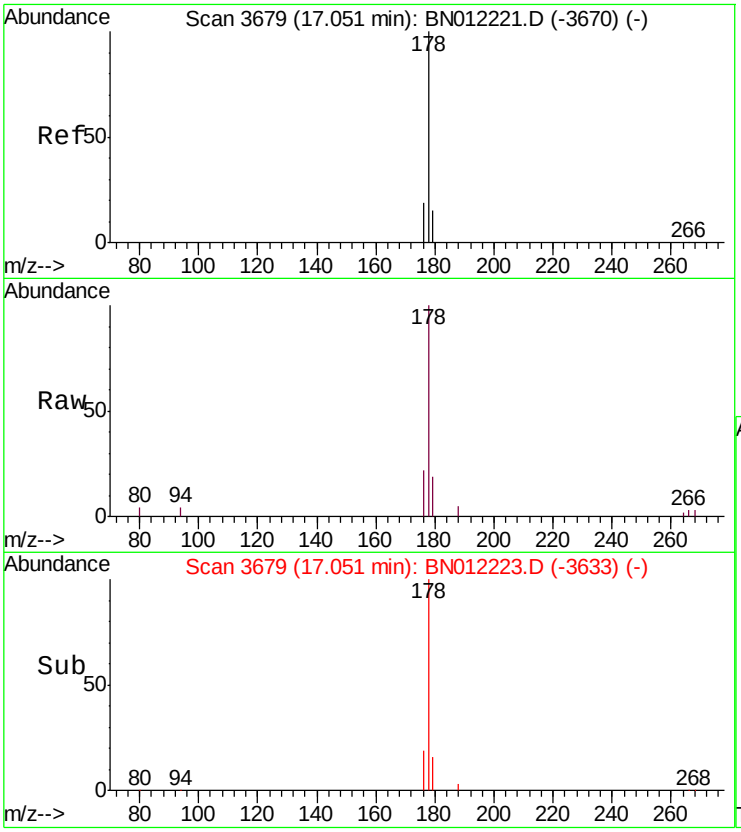


#11
Pentachlorophenol
Concen: 0.123 ng/ul
RT: 16.66 min Scan# 3587
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:266 Resp: 394

Ion	Ratio	Lower	Upper
266	100		
264	66.5	50.3	75.5
268	70.8	52.4	78.6

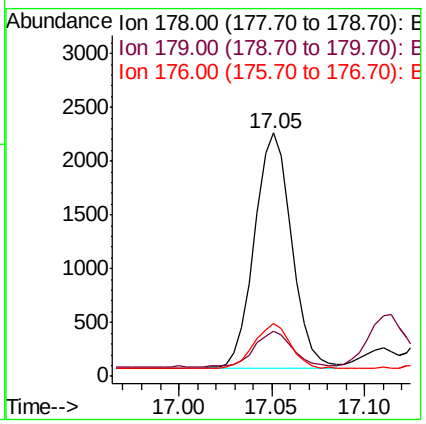




#12
Phenanthrene
Concen: 0.085 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:178 Resp: 3019

Ion	Ratio	Lower	Upper
178	100		
179	18.8	13.4	20.2
176	21.9	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
C0AJ9

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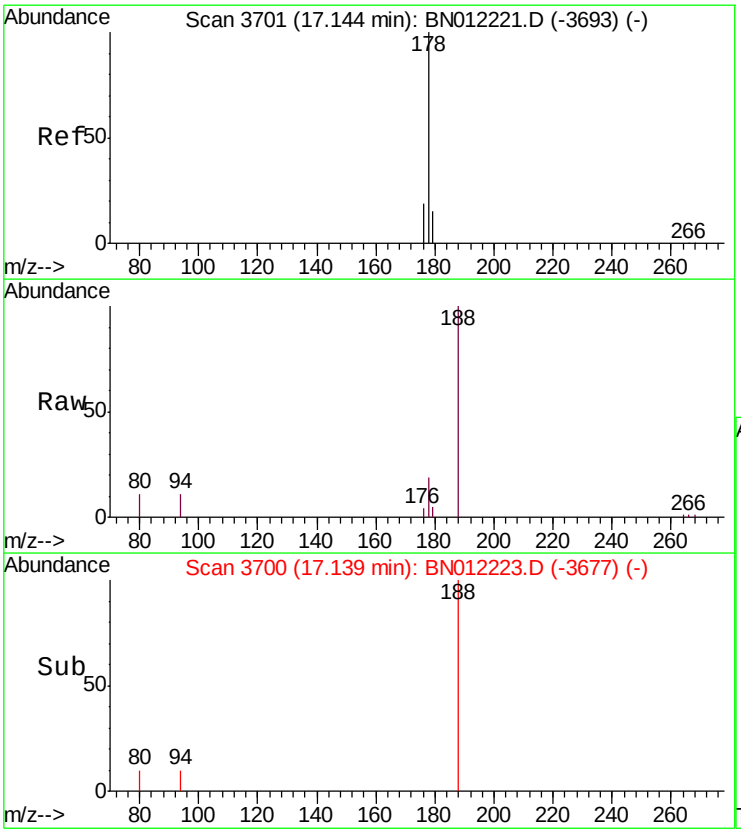
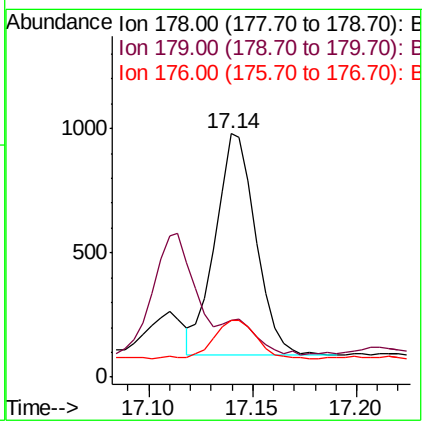
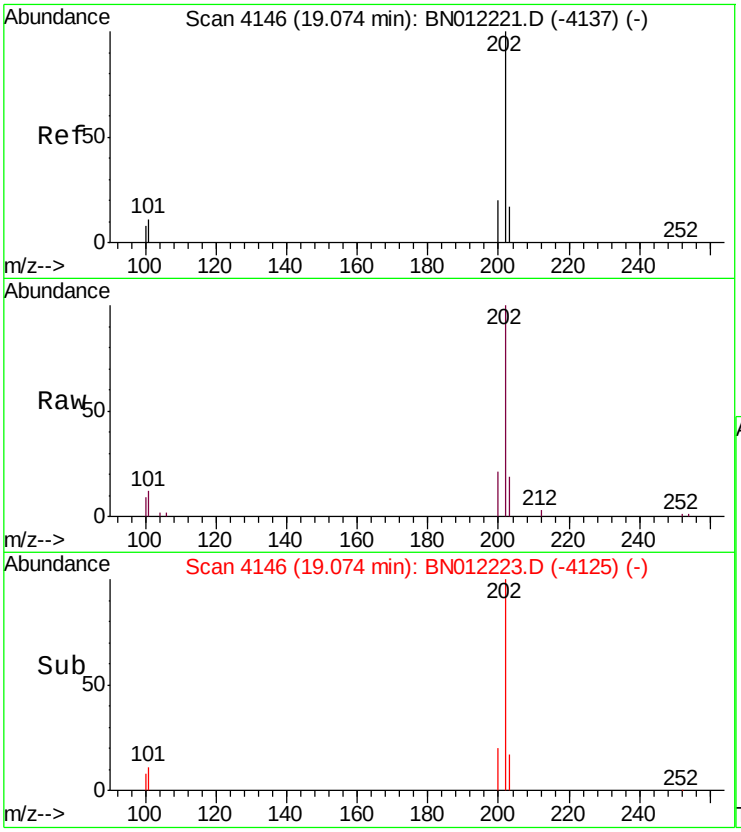


#13
Anthracene
Concen: 0.040 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:178 Resp: 1222

Ion	Ratio	Lower	Upper
178	100		
179	23.6	13.9	20.9#
176	23.2	15.4	23.0#

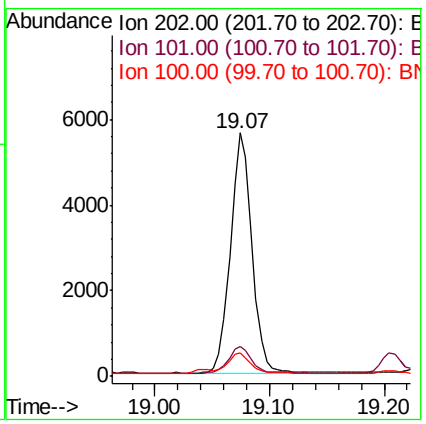




#15
Fluoranthene
Concen: 0.177 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:202 Resp: 7355

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.0
100	9.5	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0AJ9

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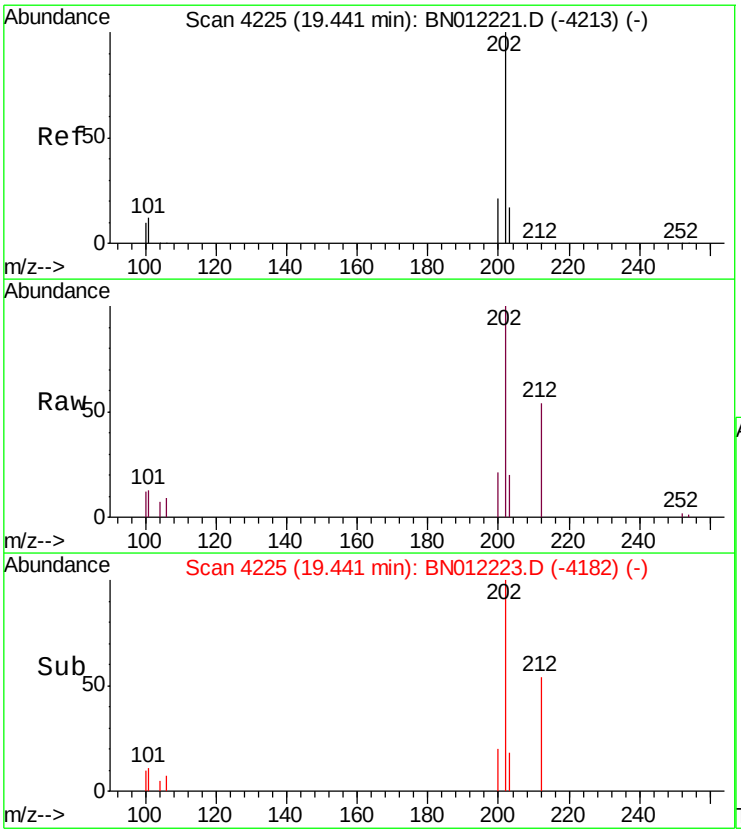
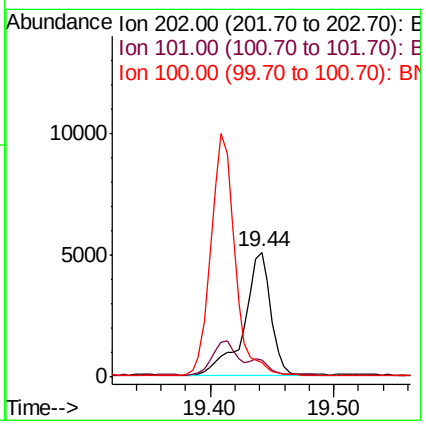
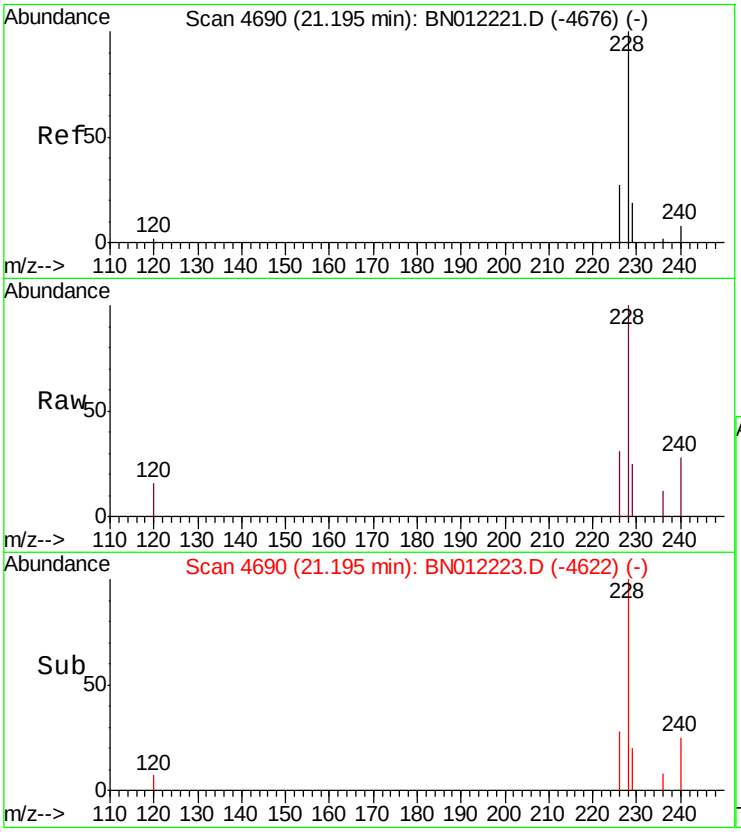


#17
Pyrene
Concen: 0.185 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:202 Resp: 7602

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.9	14.9
100	11.7	8.0	12.0





#18
Benzo(a)anthracene
Concen: 0.112 ng/ul
RT: 21.19 min Scan# 4690
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:228 Resp: 3778

Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.8	23.8#
226	30.8	22.6	33.8

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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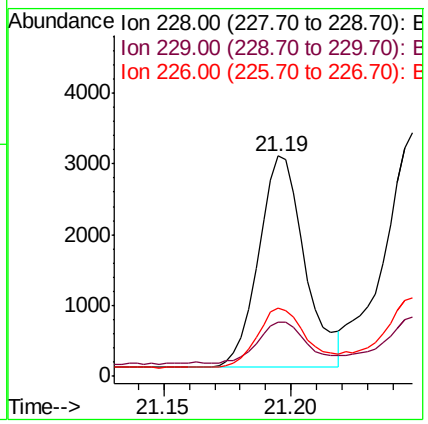
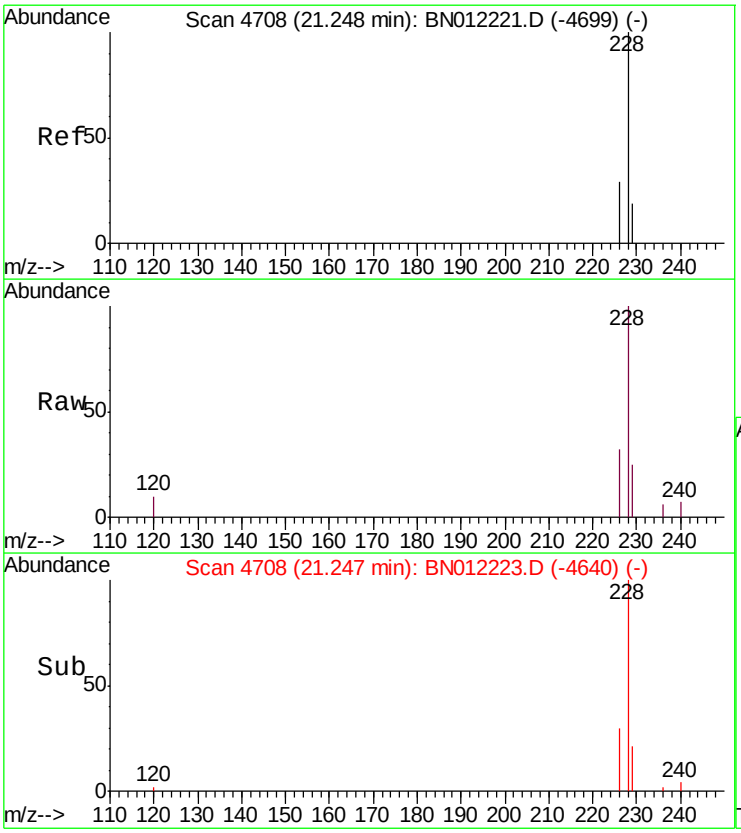
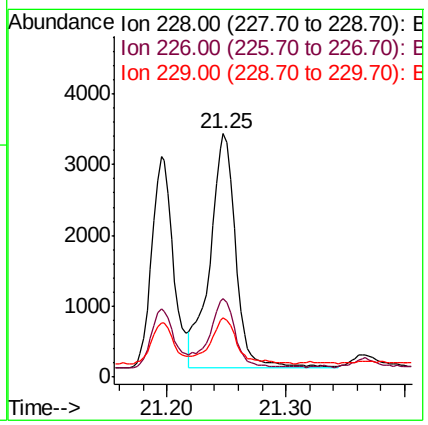


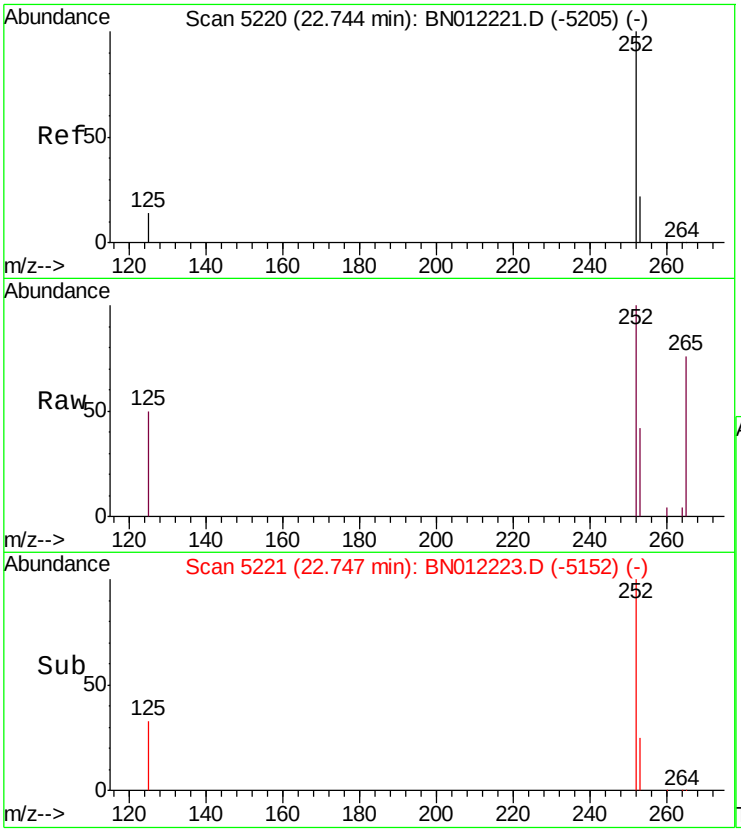


#19
Chrysene
Concen: 0.120 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:228 Resp: 4949

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	37.0
229	24.6	17.0	25.6





#21
Benzo(b)fluoranthene
Concen: 0.165 ng/ul
RT: 22.75 min Scan# 5221
Delta R.T. 0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:252 Resp: 6315

Ion	Ratio	Lower	Upper
252	100		
253	42.0	0.0	61.6
125	49.6	0.0	36.8#

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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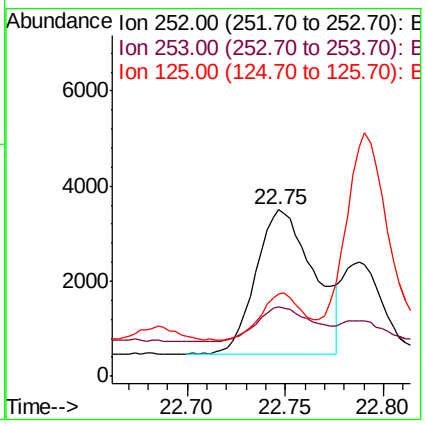
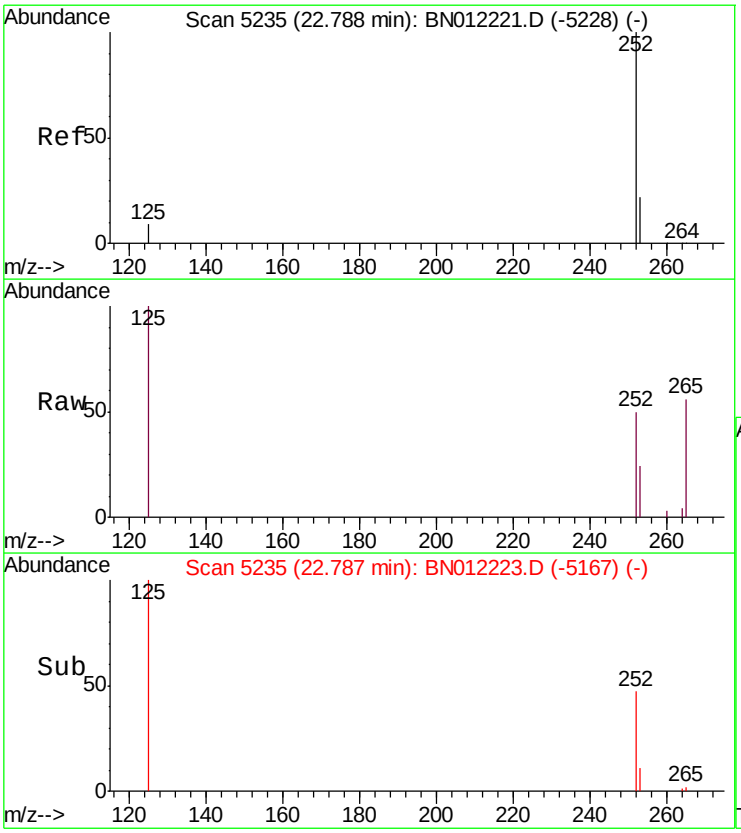
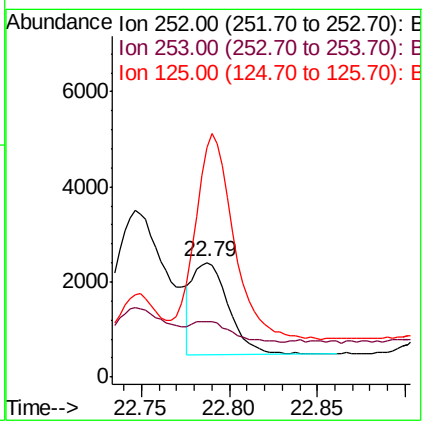


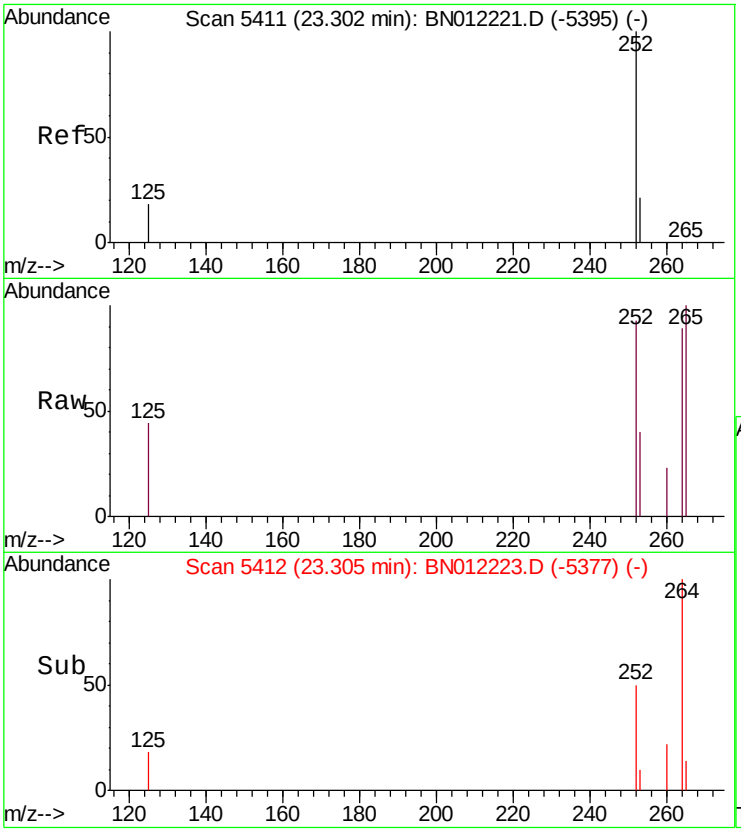


#22
Benzo(k)fluoranthene
Concen: 0.065 ng/ul
RT: 22.79 min Scan# 5235
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:252 Resp: 2761

Ion	Ratio	Lower	Upper
252	100		
253	48.8	24.4	36.6#
125	201.1	12.9	19.3#





#23
Benzo(a)pyrene
Concen: 0.107 ng/ul
RT: 23.30 min Scan# 5412
Delta R.T. 0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:252 Resp: 3986

Ion	Ratio	Lower	Upper
252	100		
253	43.3	27.0	40.4#
125	47.3	18.8	28.2#

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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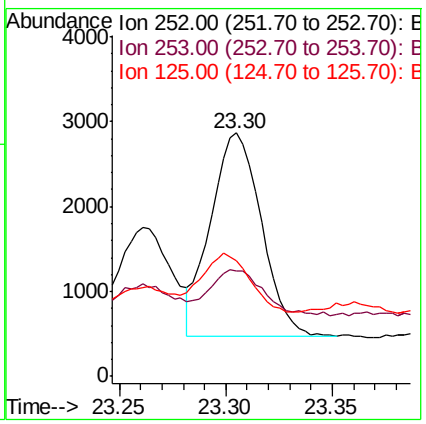
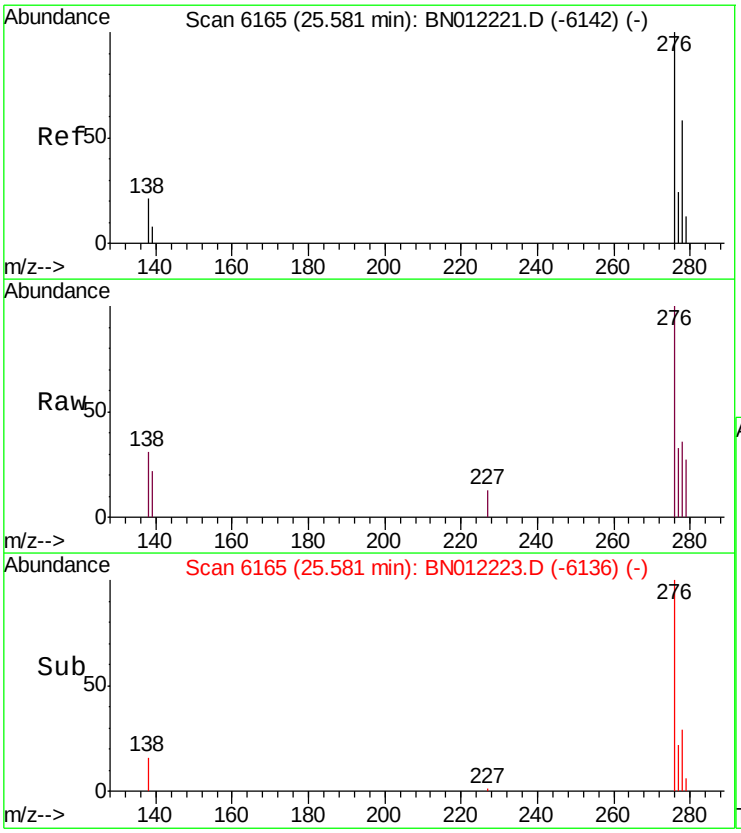
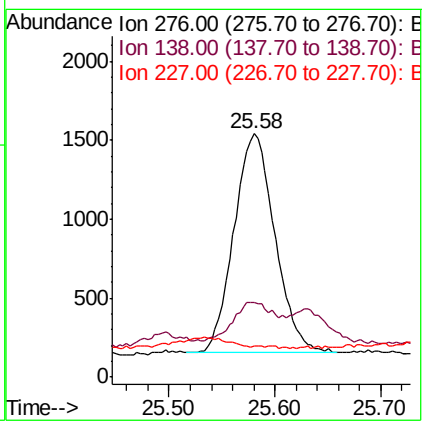


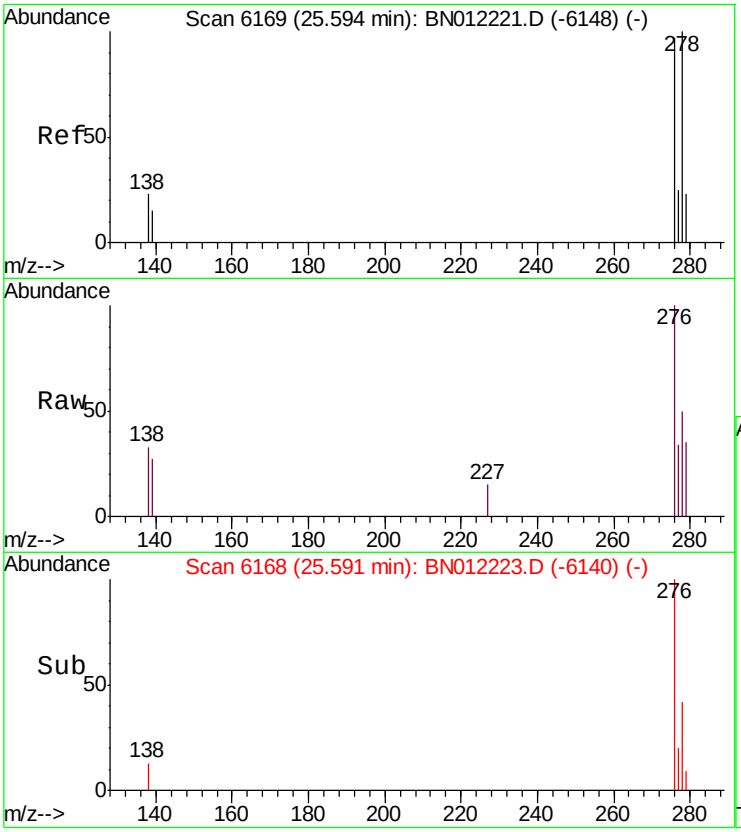


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.078 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:276 Resp: 3750

Ion	Ratio	Lower	Upper
276	100		
138	33.0	0.0	0.0#
227	0.0	0.0	0.0





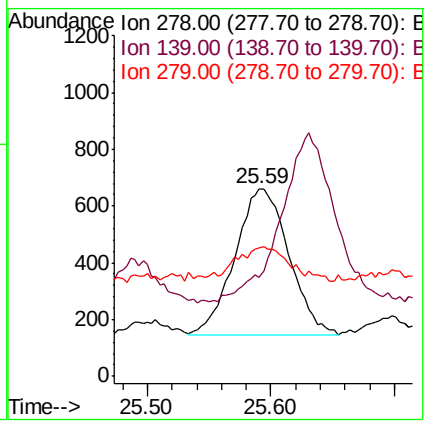
#25
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 25.59 min Scan# 6168
Delta R.T. -0.01 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

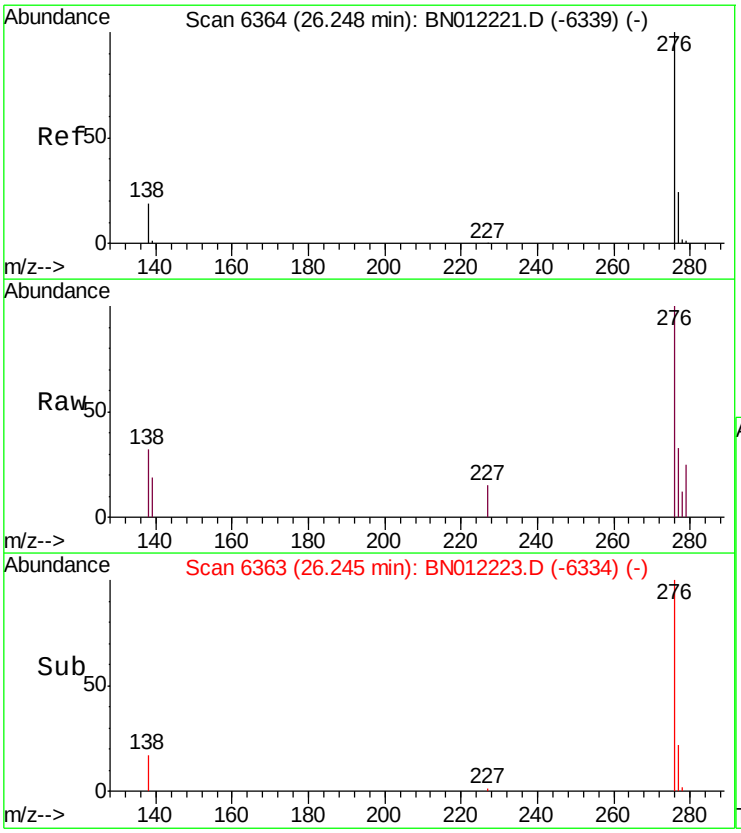
Tgt Ion:278 Resp: 1563

Ion	Ratio	Lower	Upper
278	100		
139	52.8	15.7	23.5#
279	68.4	26.0	39.0#

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
mohammad
10/19/2020 1:19:17 PM





#26
Benzo(g,h,i)perylene
Concen: 0.083 ng/ul
RT: 26.24 min Scan# 6363
Delta R.T. -0.00 min
Lab File: BN012223.D
Acq: 15 Oct 2020 10:11

Tgt Ion:276 Resp: 3641

Ion	Ratio	Lower	Upper
276	100		
138	31.8	17.1	25.7#
277	32.8	21.1	31.7#