Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003038.D
Acq On : 09 Oct 2018 21:51
Operator : MJ/SJ
Sample : J5157-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Manual Integrations APPROVED
Sohil
10/10/2018 4:57:49 PM

Quant Time: Oct 10 02:08:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1573	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6606	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4174	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	9447m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	9112m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	8313	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5556	0.54	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	15795m	0.58	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1459	0.086	ng/ul#	91
5) 2-Methylnaphthalene	12.09	142	245	0.021	ng/ul	92
7) Acenaphthylene	13.98	152	3339	0.175	ng/ul	98
8) Acenaphthene	14.32	153	435	0.030	ng/ul#	94
9) Fluorene	15.32	166	603	0.036	ng/ul#	96
12) Phenanthrene	17.06	178	4995m	0.190	ng/ul	
13) Anthracene	17.15	178	4961m	0.199	ng/ul	
15) Fluoranthene	19.09	202	21756m	0.704	ng/ul	
17) Pyrene	19.45	202	47300m	1.337	ng/ul	
18) Benzo(a)anthracene	21.21	228	25327	0.864	ng/ul	99
19) Chrysene	21.26	228	27718	0.931	ng/ul	100
21) Benzo(b)fluoranthene	22.78	252	56937m	1.902	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	20053m	0.646	ng/ul	
23) Benzo(a)pyrene	23.34	252	31161	1.161	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.66	276	13764	0.446	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	3716	0.151	ng/ul#	89
26) Benzo(g,h,i)perylene	26.33	276	10665	0.410	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003038.D
Acq On : 09 Oct 2018 21:51
Operator : MJ/SJ
Sample : J5157-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 10 02:08:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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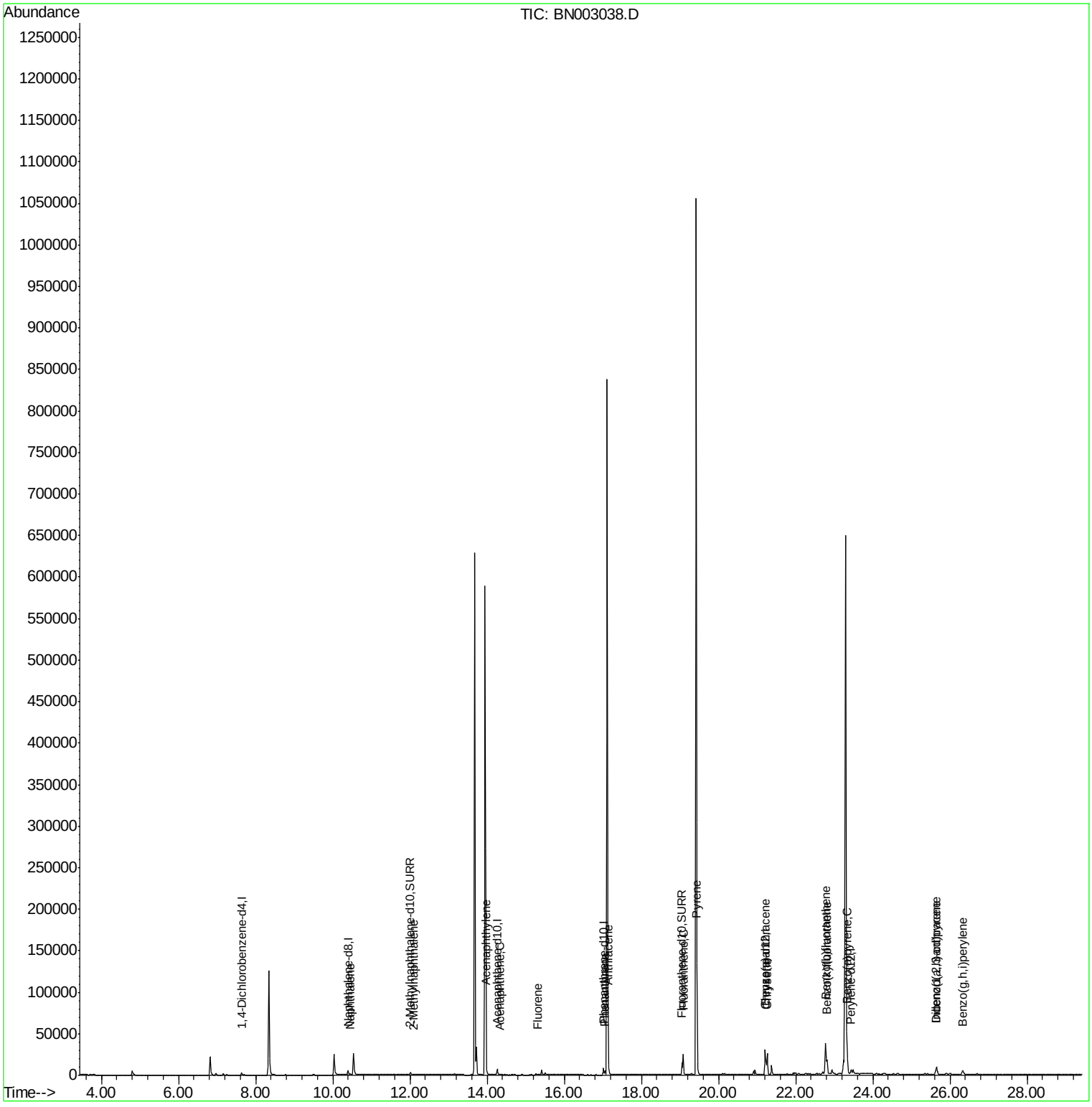

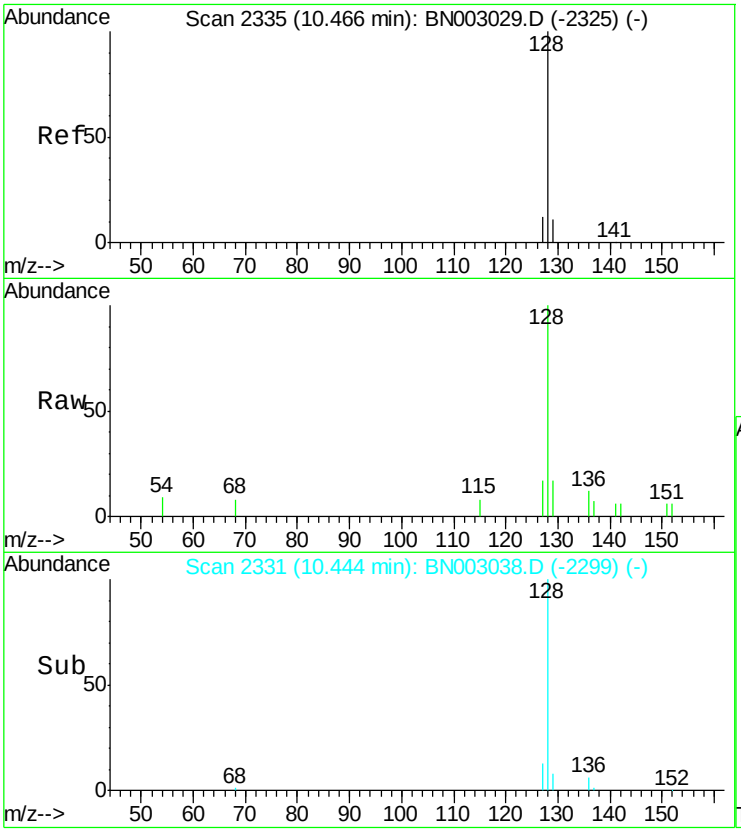

#3
Naphthalene
Concen: 0.086 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:128 Resp: 1459

Ion	Ratio	Lower	Upper
128	100		
129	17.3	10.4	15.6#
127	17.3	11.7	17.5

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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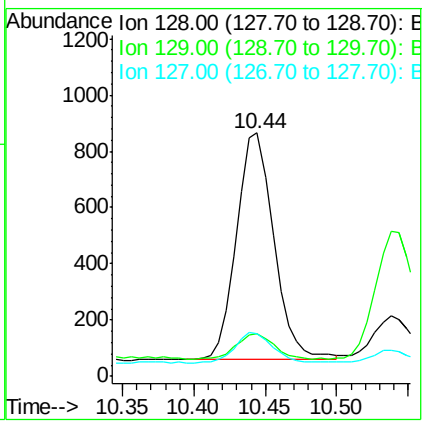
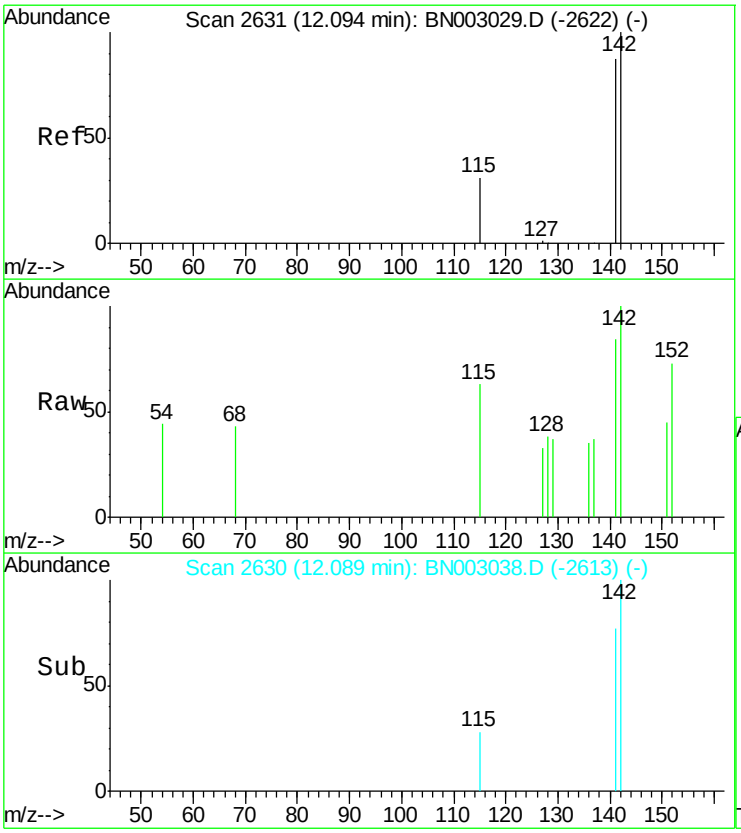
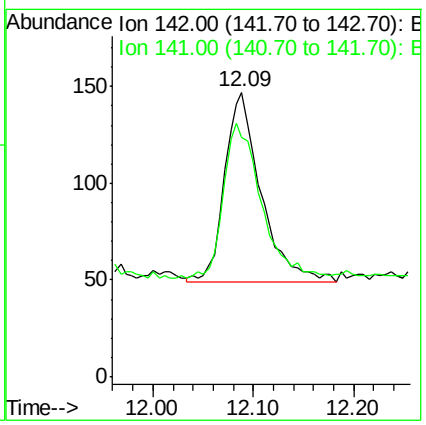


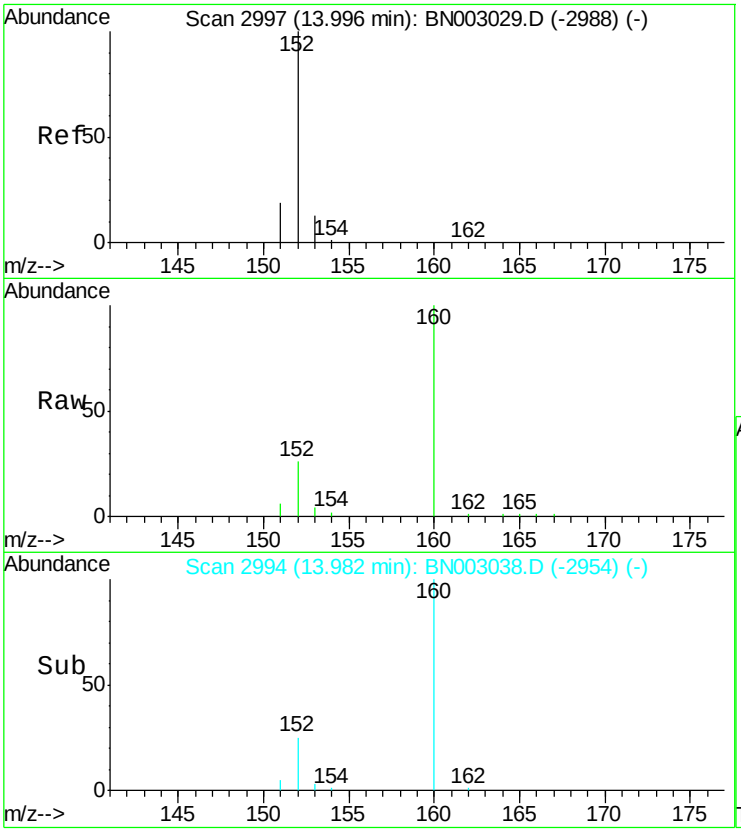


#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.09 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:142 Resp: 245

Ion	Ratio	Lower	Upper
142	100		
141	84.5	73.4	110.0

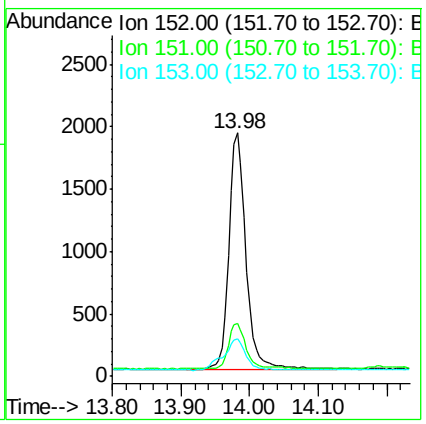




#7
Acenaphthylene
Concen: 0.175 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:152 Resp: 3339

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.5	24.7
153	15.4	11.4	17.2



Instrument :
BNA_N
ClientSampleId :
C0AD0

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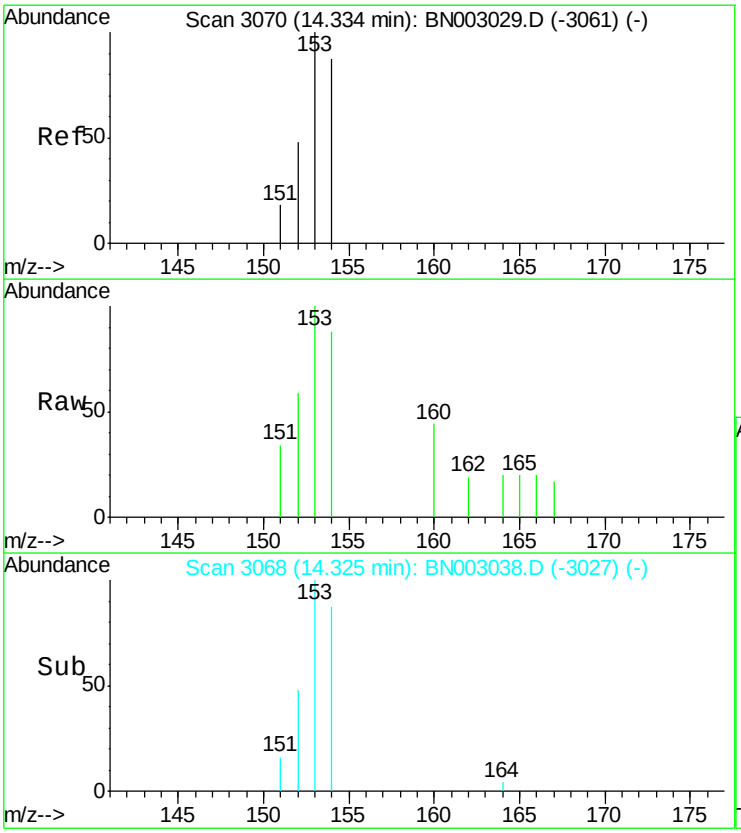
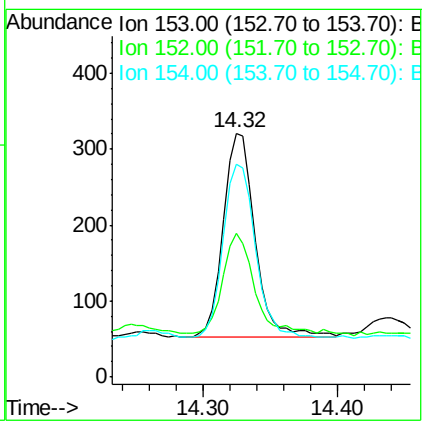
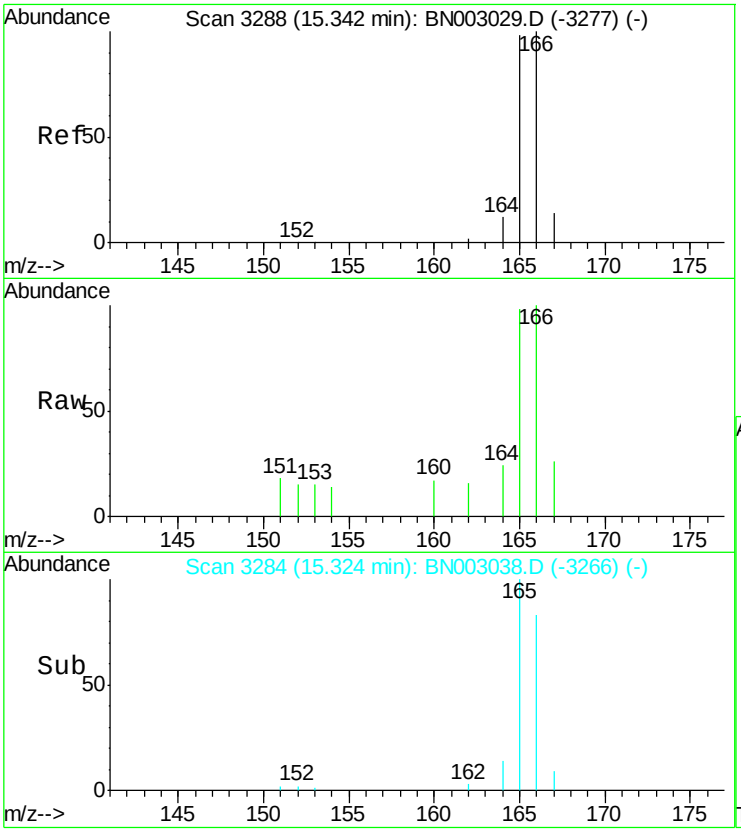


#8
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:153 Resp: 435

Ion	Ratio	Lower	Upper
153	100		
152	58.9	38.2	57.4#
154	87.5	70.2	105.2

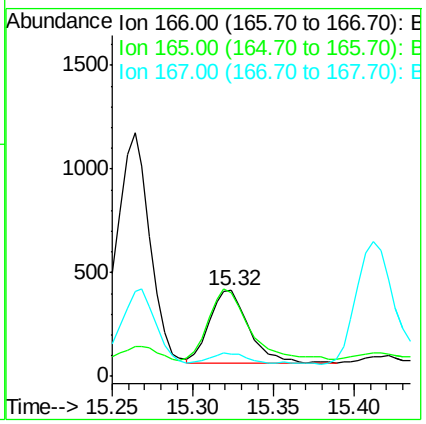




#9
Fluorene
Concen: 0.036 ng/ul
RT: 15.32 min Scan# 3284
Delta R.T. -0.02 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:166 Resp: 603

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	26.3	11.6	17.4#



Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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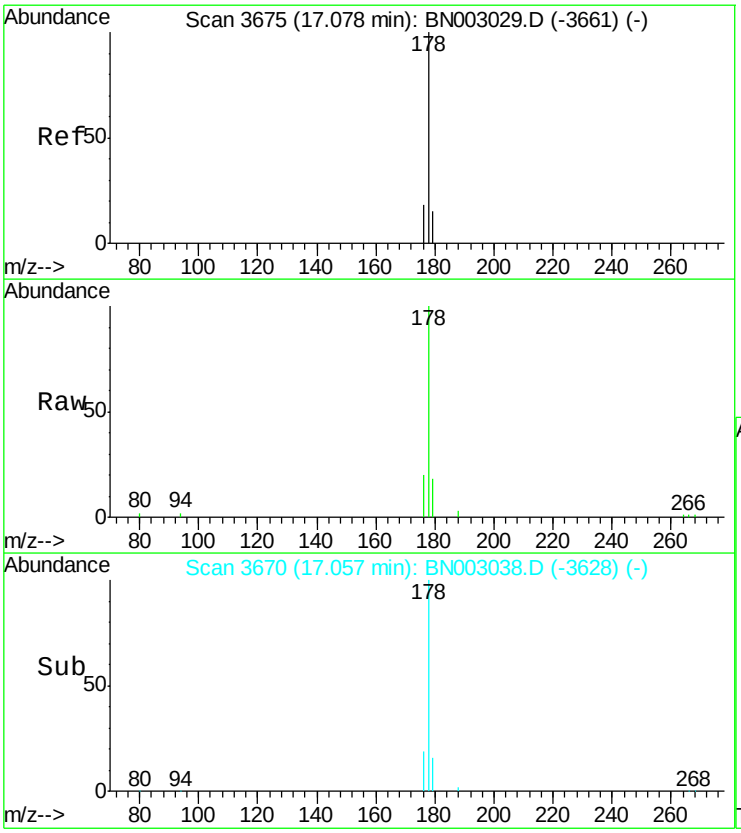
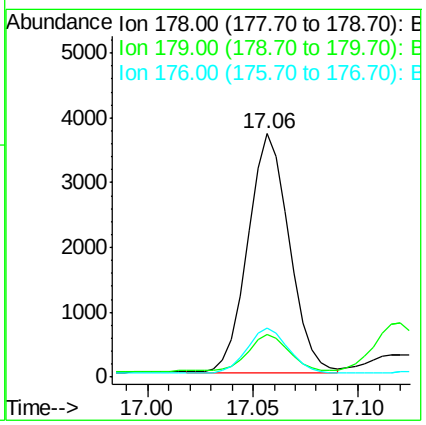
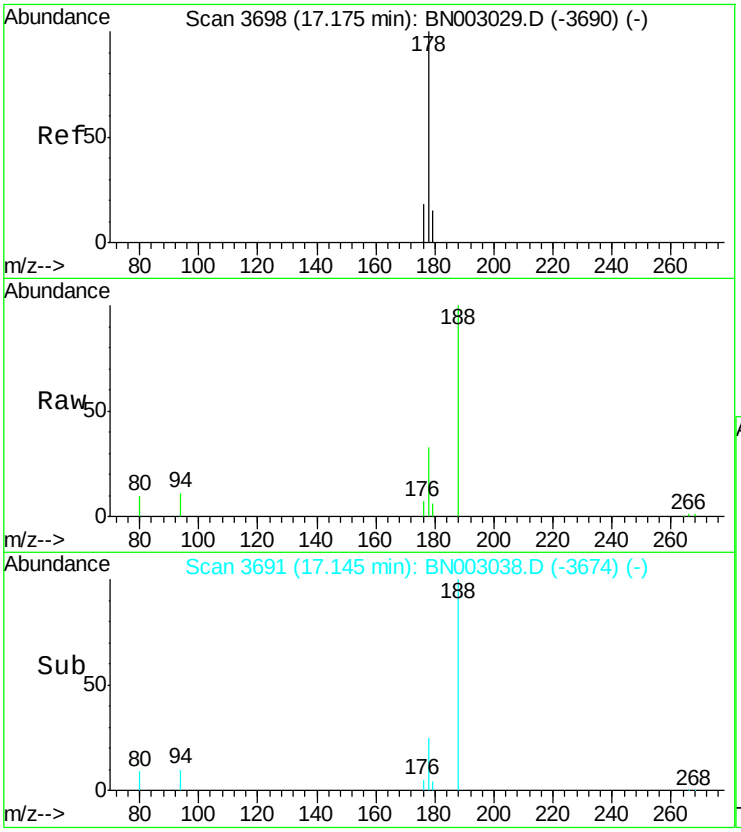


#12
Phenanthrene
Concen: 0.190 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:178 Resp: 4995

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.9	19.3
176	20.0	15.4	23.2

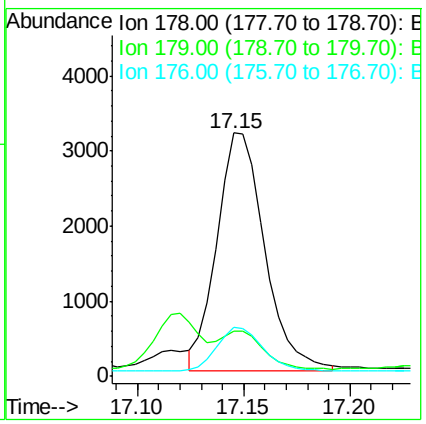




#13
Anthracene
Concen: 0.199 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:178 Resp: 4961

Ion	Ratio	Lower	Upper
178	100		
179	18.8	13.0	19.6
176	19.9	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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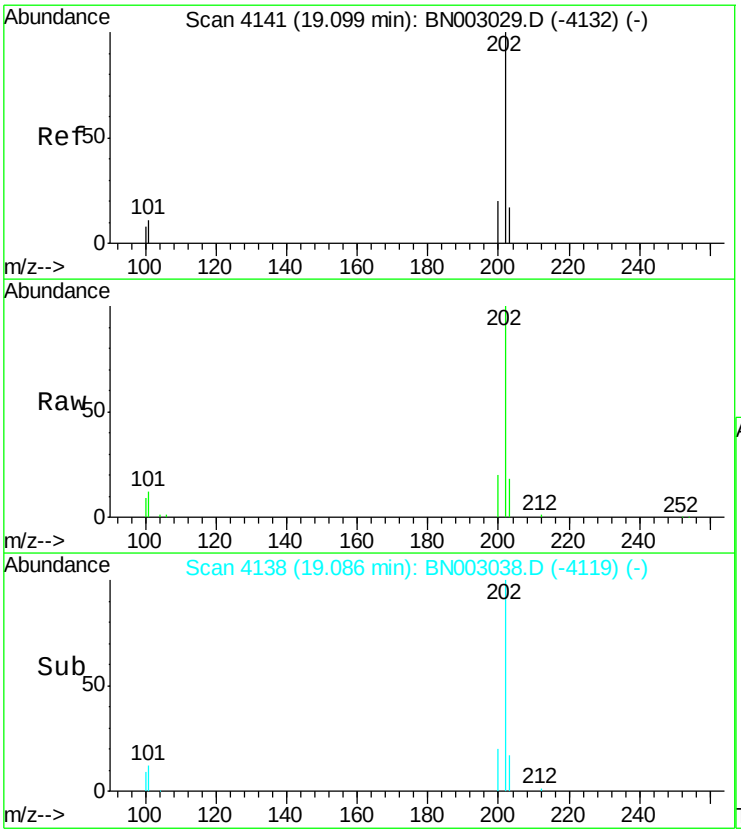
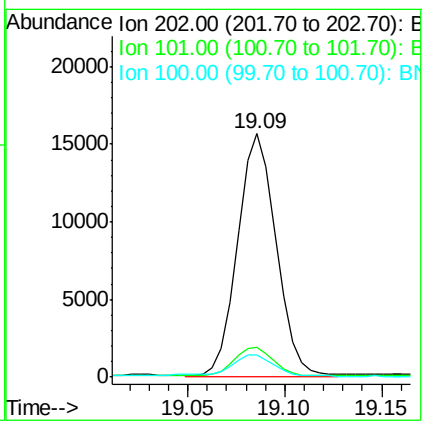
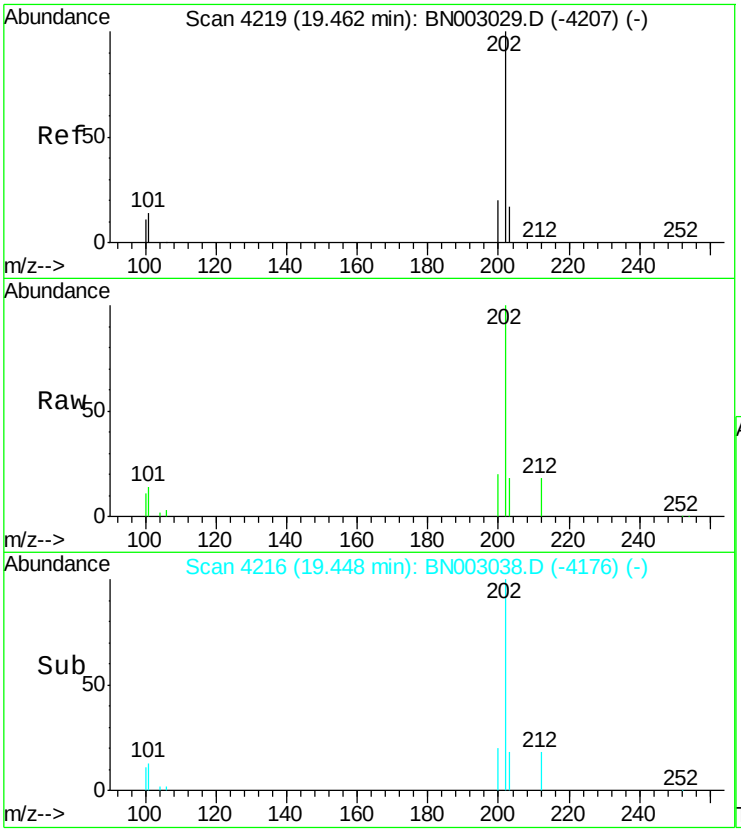


#15
Fluoranthene
Concen: 0.704 ng/ul m
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:202 Resp: 21756

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.3
100	8.9	0.0	29.1

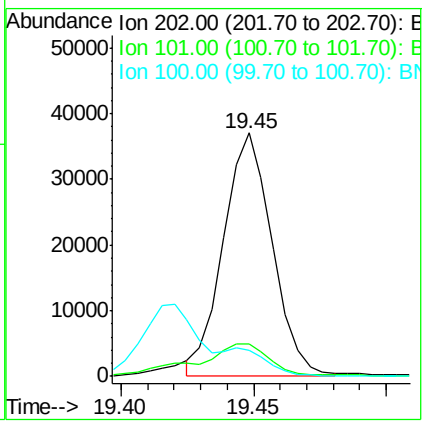




#17
Pyrene
Concen: 1.337 ng/ul m
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:202 Resp: 47300

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.9	17.9
100	10.9	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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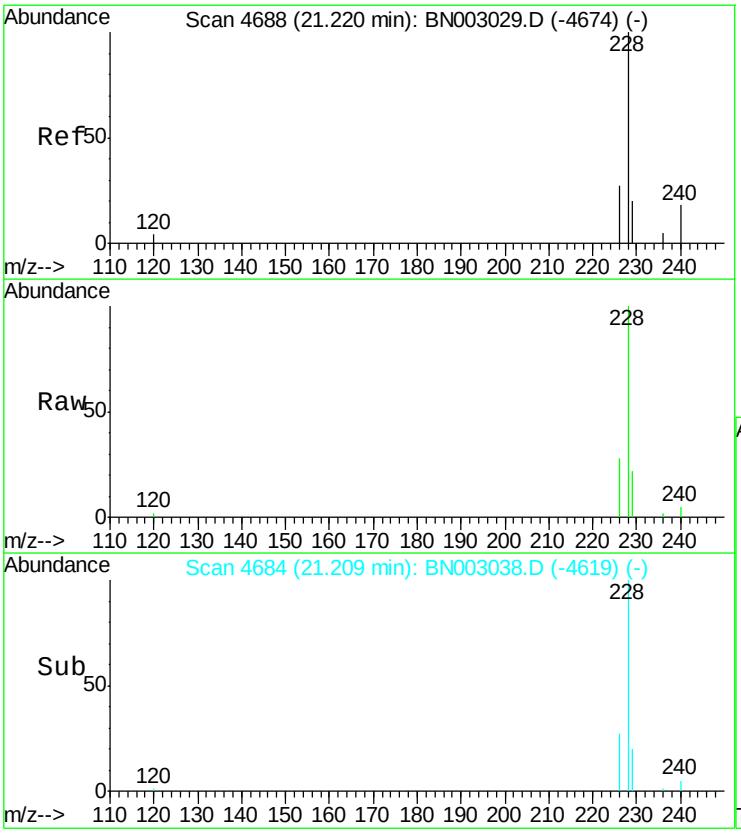
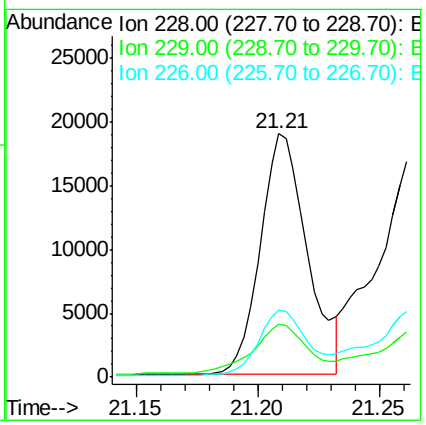
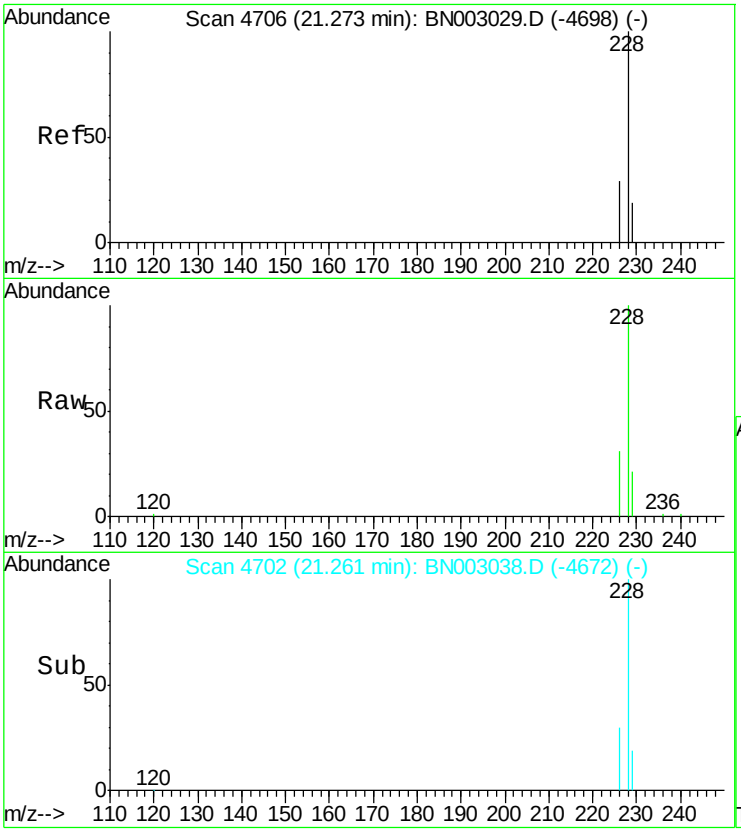


#18
Benzo(a)anthracene
Concen: 0.864 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:228 Resp: 25327

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.2
226	27.8	22.3	33.5





#19
Chrysene
Concen: 0.931 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:228 Resp: 27718

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	21.0	16.7	25.1

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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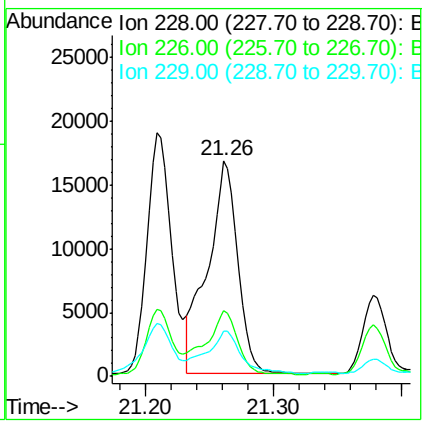
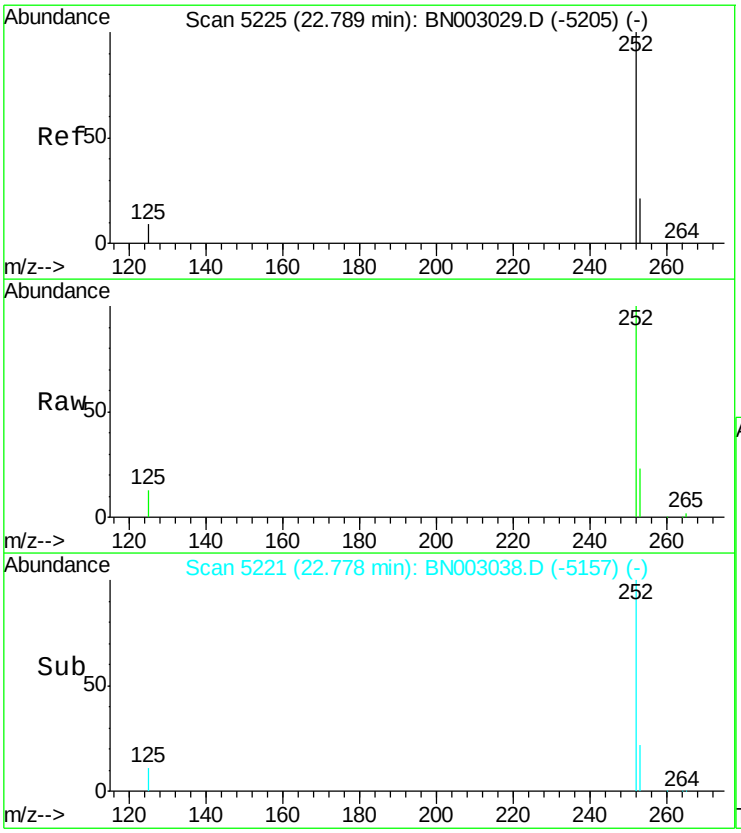
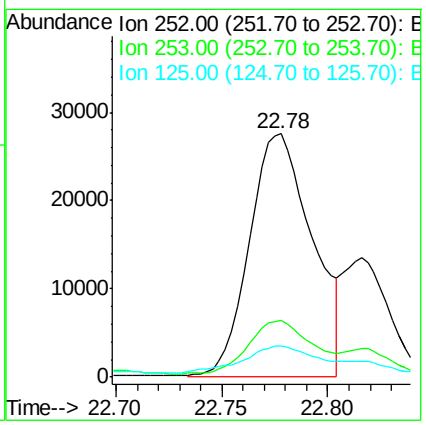


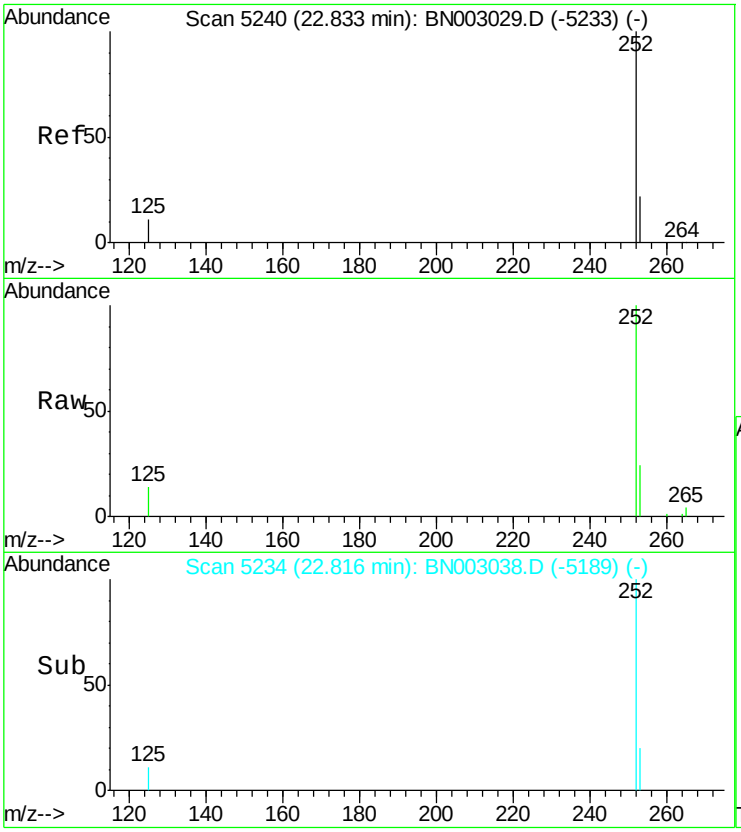


#21
Benzo(b)fluoranthene
Concen: 1.902 ng/ul m
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:252 Resp: 56937

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	53.2
125	12.7	0.0	34.2





#22
Benzo(k)fluoranthene
Concen: 0.646 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:252 Resp: 20053

Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.3	31.9
125	13.5	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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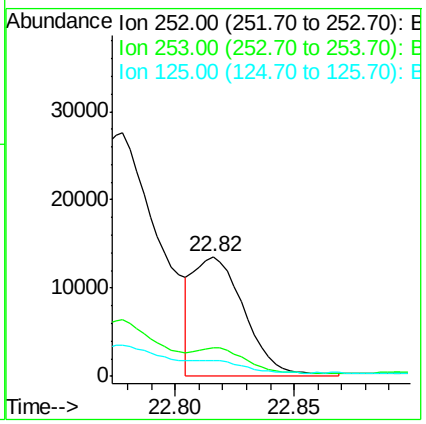
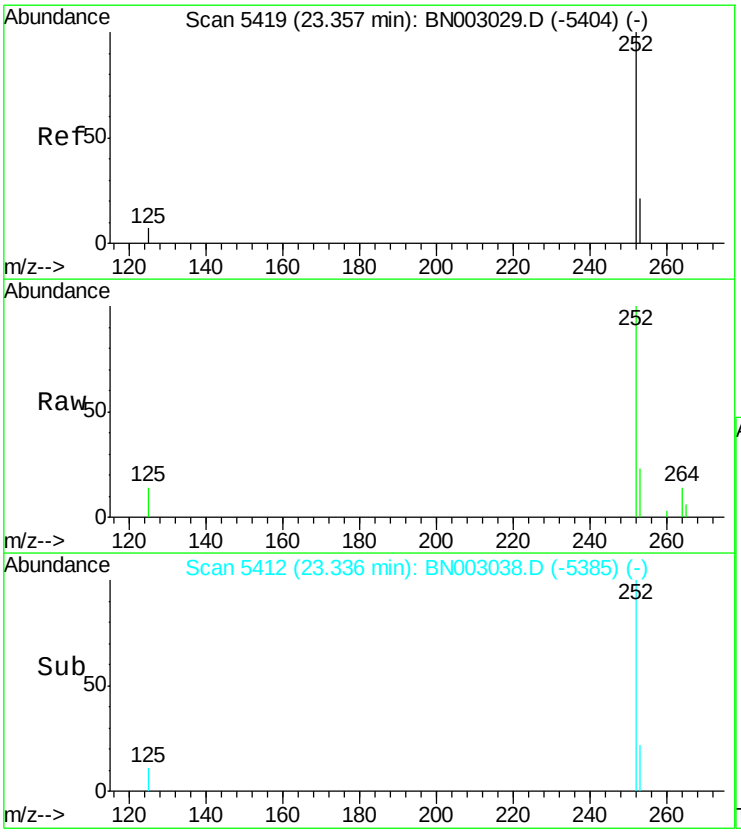
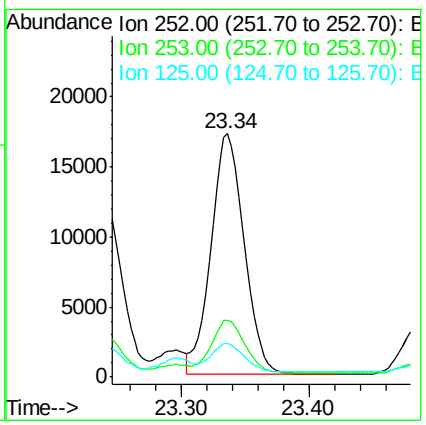


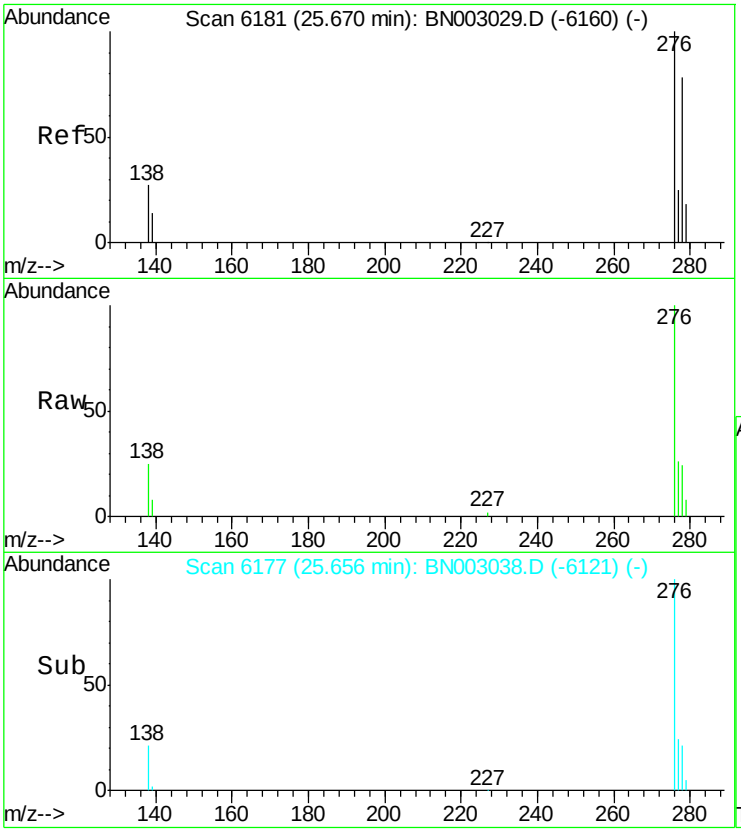


#23
Benzo(a)pyrene
Concen: 1.161 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:252 Resp: 31161

Ion	Ratio	Lower	Upper
252	100		
253	23.4	23.1	34.7
125	14.0	16.9	25.3#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng/ul
RT: 25.66 min Scan# 6177
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:276 Resp: 13764

Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.5	32.3
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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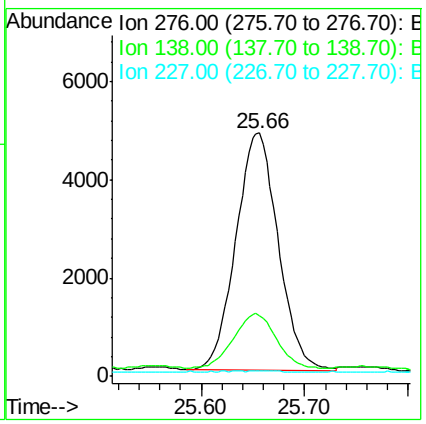
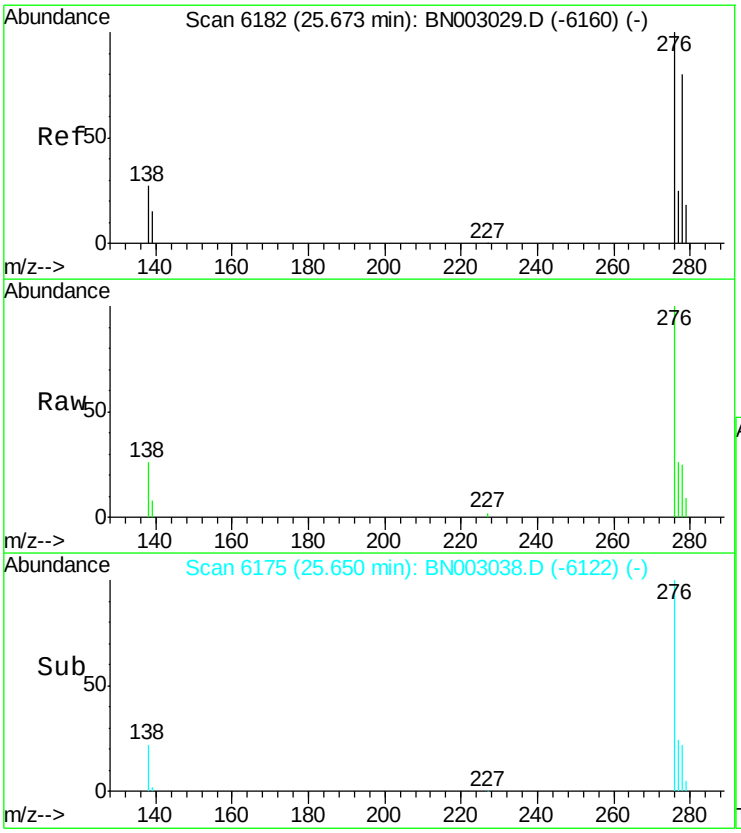
10/10/2018 4:57:49 PM

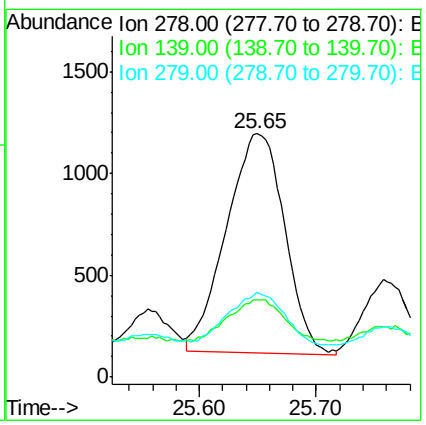


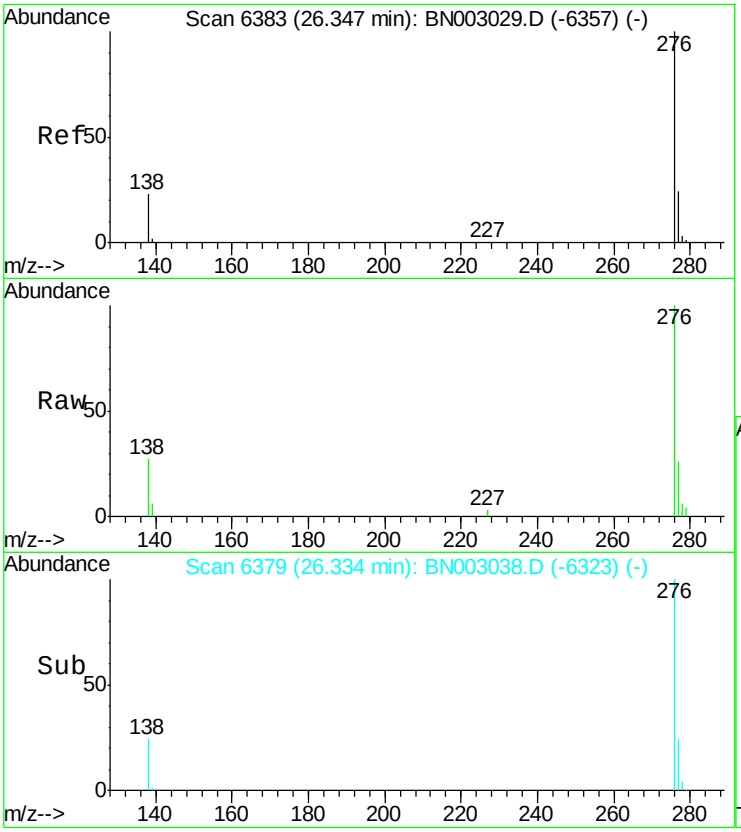


#25
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 25.65 min Scan# 6175
Delta R.T. -0.02 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:278 Resp: 3716

Ion	Ratio	Lower	Upper
278	100		
139	31.9	20.2	30.4#
279	34.6	23.8	35.8

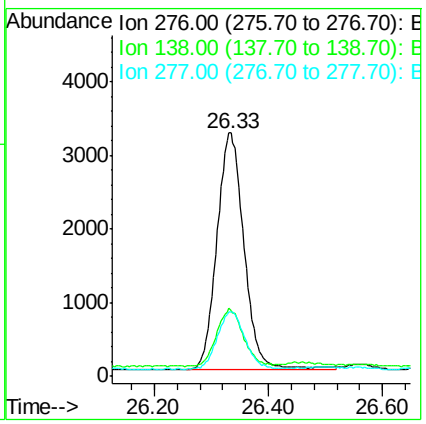




#26
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 26.33 min Scan# 6379
Delta R.T. -0.01 min
Lab File: BN003038.D
Acq: 09 Oct 2018 21:51

Tgt Ion:276 Resp: 10665

Ion	Ratio	Lower	Upper
276	100		
138	27.0	23.0	34.4
277	26.4	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
Sohil
10/10/2018 4:57:49 PM