Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003136.D
Acq On : 12 Oct 2018 10:41
Operator : MJ/SJ
Sample : J5234-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 12 13:35:54 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 : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AL0

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1910	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7776	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4628	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8182m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5280m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4870m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2964	0.25	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	5451m	0.23	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	4517	0.226	ng/ul#	96
5) 2-Methylnaphthalene	12.06	142	13066	0.951	ng/ul	98
7) Acenaphthylene	13.98	152	1875	0.089	ng/ul#	44
8) Acenaphthene	14.32	153	3207	0.200	ng/ul	97
9) Fluorene	15.31	166	14949	0.812	ng/ul#	98
12) Phenanthrene	17.05	178	28530	1.251	ng/ul	96
13) Anthracene	17.15	178	8261m	0.383	ng/ul	
15) Fluoranthene	19.08	202	18467m	0.690	ng/ul	
17) Pyrene	19.44	202	21839	1.065	ng/ul	98
18) Benzo(a)anthracene	21.21	228	6769m	0.398	ng/ul	
19) Chrysene	21.26	228	7128m	0.413	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	6966m	0.397	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2038m	0.112	ng/ul	
23) Benzo(a)pyrene	23.34	252	4871	0.310	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.65	276	3225	0.179	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	811	0.056	ng/ul#	5
26) Benzo(g,h,i)perylene	26.33	276	2939	0.193	ng/ul#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003136.D
Acq On : 12 Oct 2018 10:41
Operator : MJ/SJ
Sample : J5234-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 12 13:35:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AL0

Manual Integrations APPROVED
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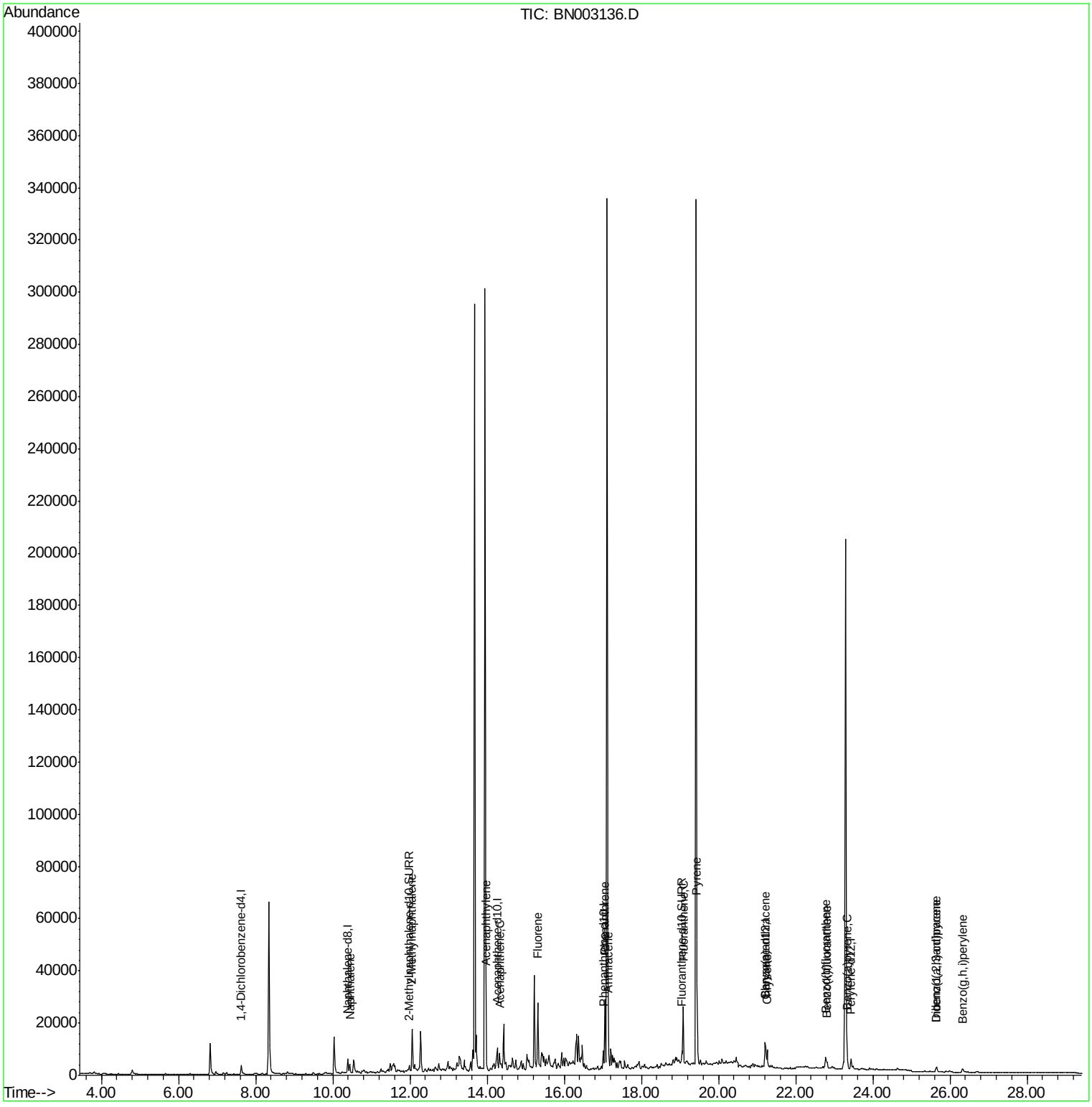

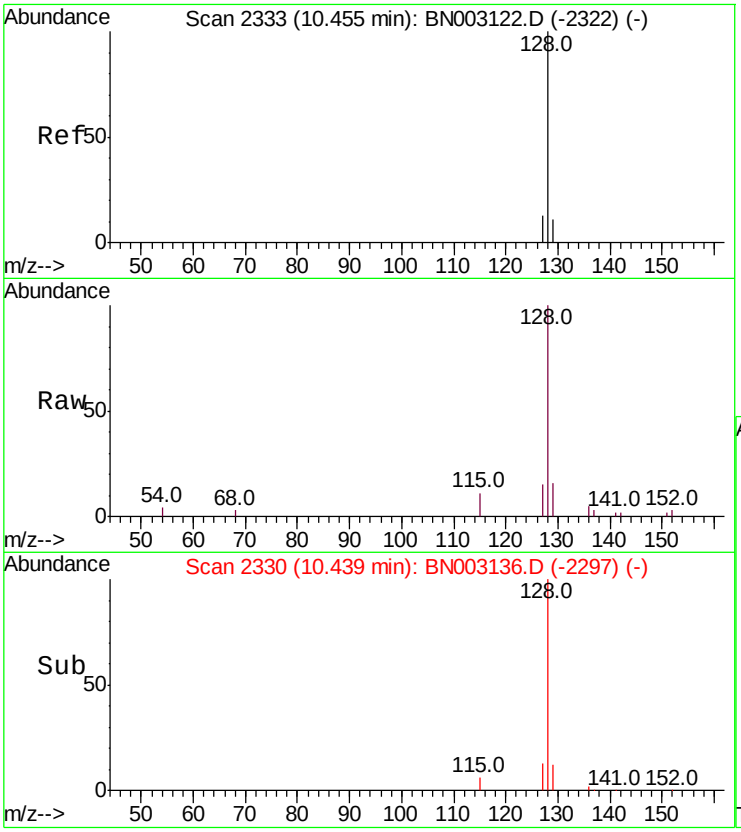

#3
Naphthalene
Concen: 0.226 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:128 Resp: 4517

Ion	Ratio	Lower	Upper
128	100		
129	16.2	10.4	15.6#
127	14.8	11.7	17.5

Instrument :
BNA_N
ClientSampleId :
C0AL0

Manual Integrations APPROVED
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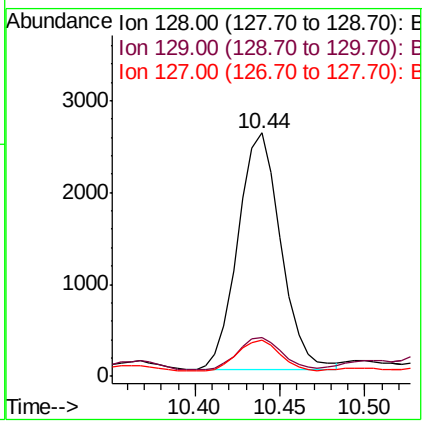
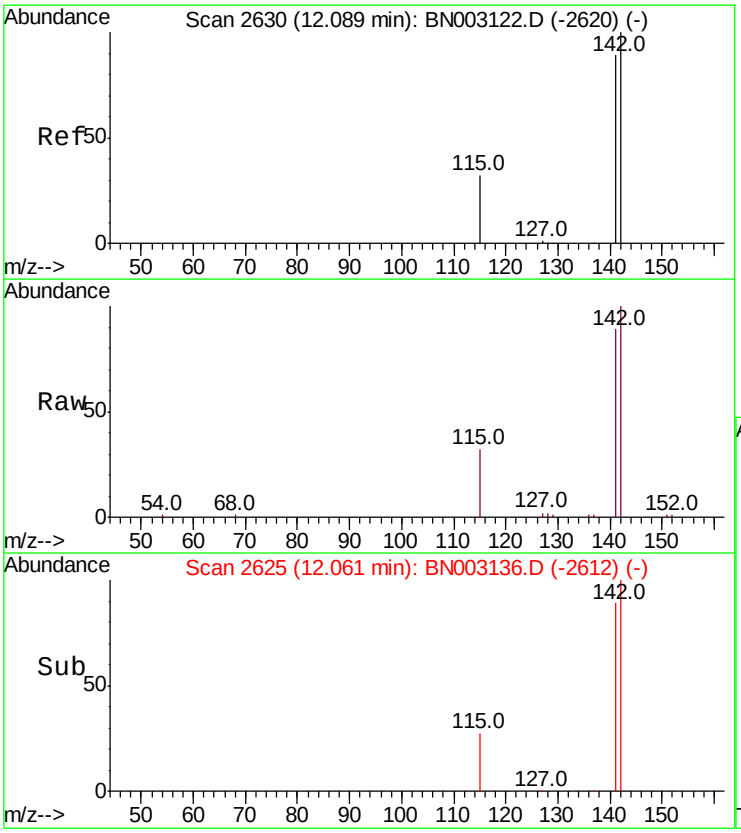
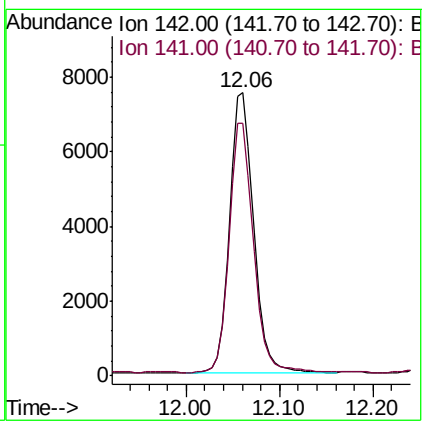


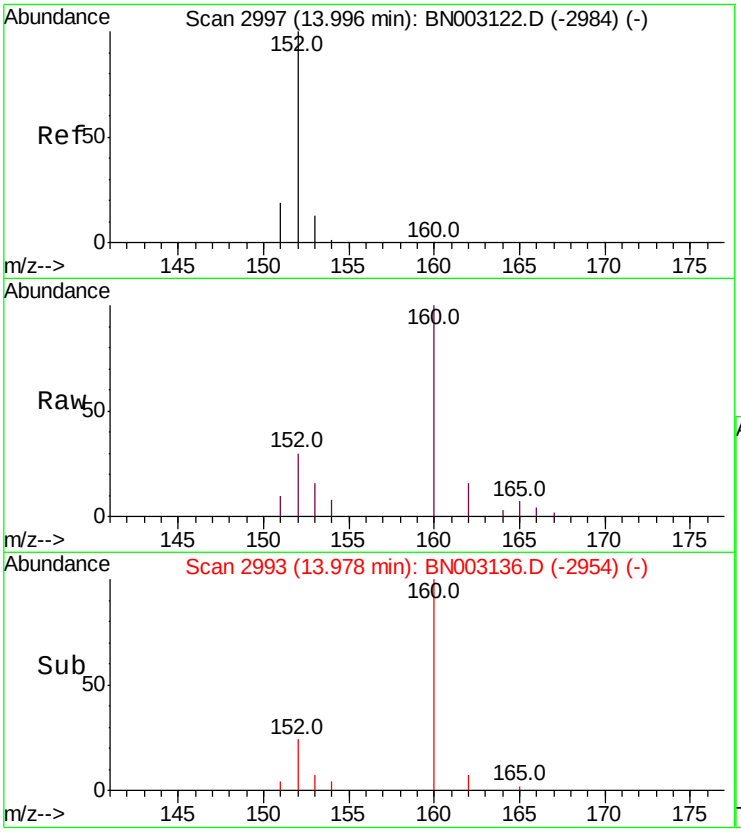


#5
2-Methylnaphthalene
Concen: 0.951 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.03 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:142 Resp: 13066

Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.4	110.0





#7
Acenaphthylene
Concen: 0.089 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.02 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:152 Resp: 1875

Ion	Ratio	Lower	Upper
152	100		
151	33.9	16.5	24.7#
153	53.1	11.4	17.2#

Instrument :
BNA_N
ClientSampleId :
C0AL0

Manual Integrations APPROVED
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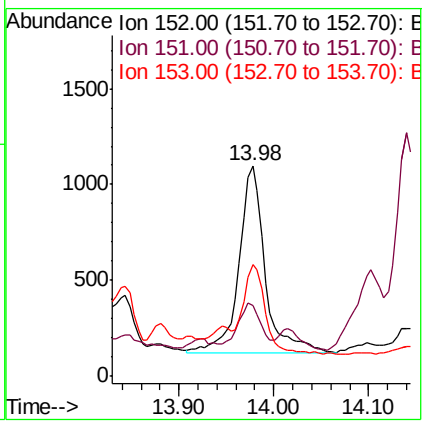
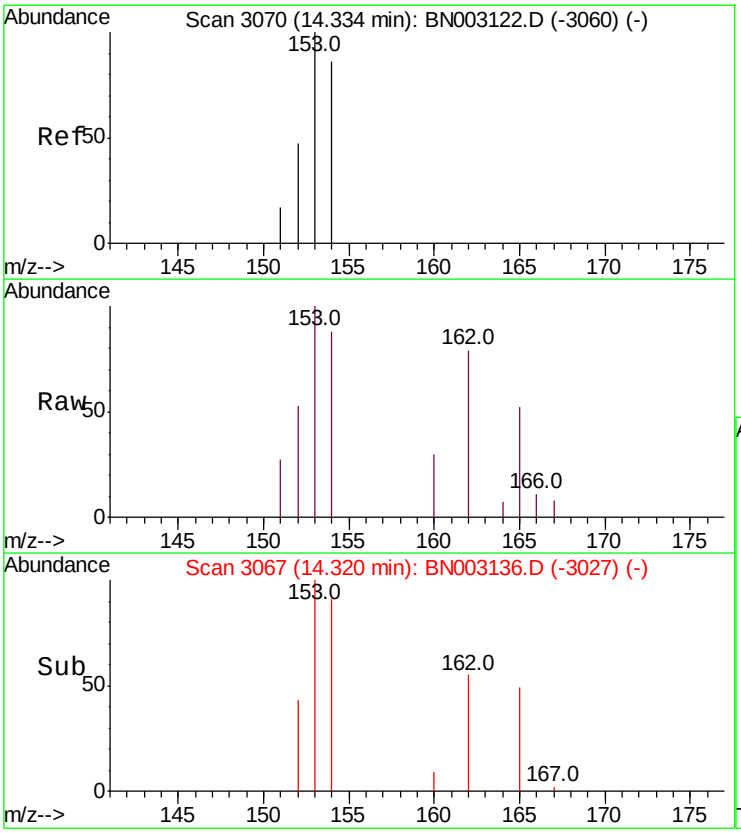
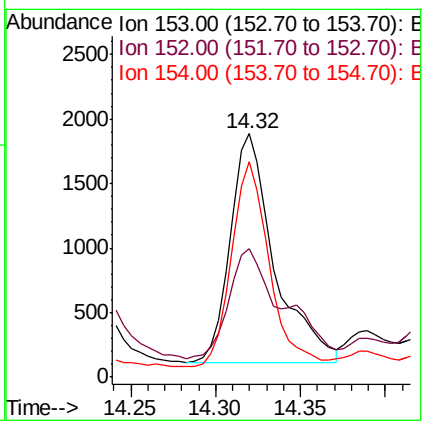


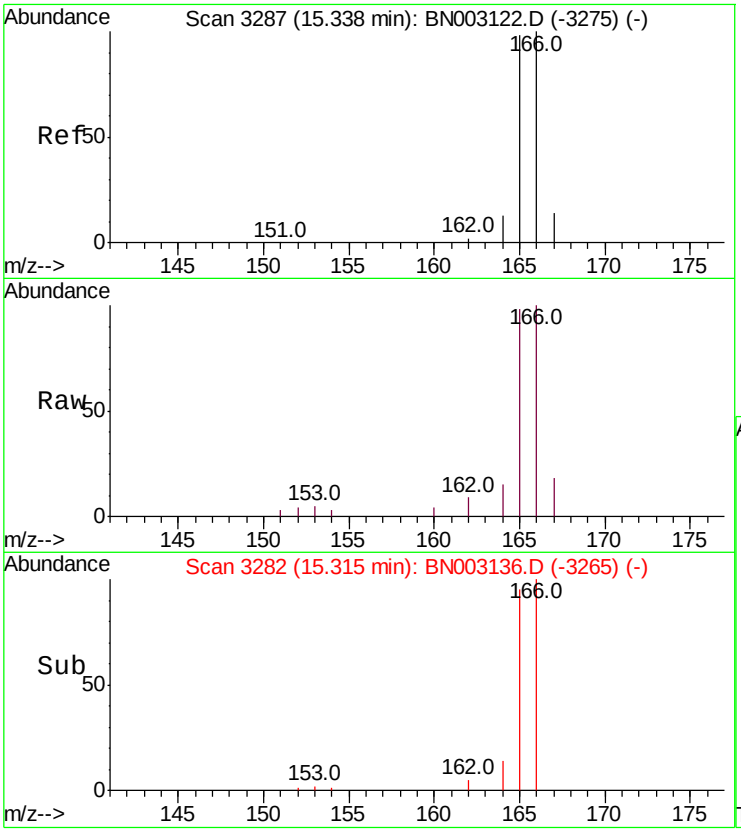


#8
Acenaphthene
Concen: 0.200 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:153 Resp: 3207

Ion	Ratio	Lower	Upper
153	100		
152	53.0	38.2	57.4
154	88.4	70.2	105.2





#9
Fluorene
Concen: 0.812 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.02 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:166 Resp: 14949

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.5	117.7
167	18.1	11.6	17.4#

Instrument :
BNA_N
ClientSampleId :
C0AL0

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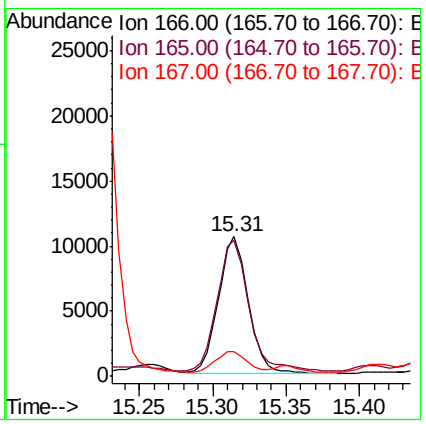
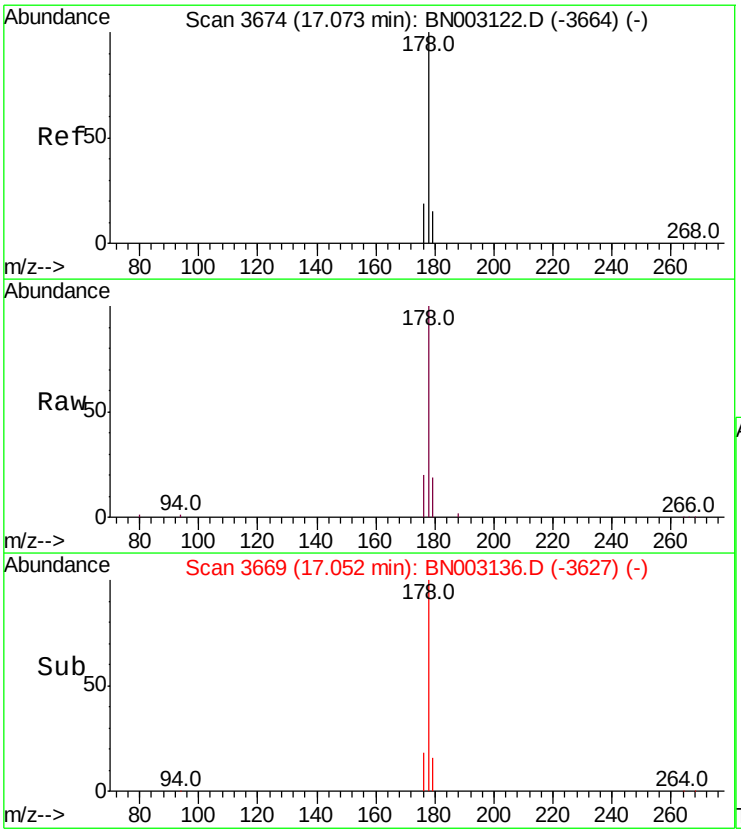
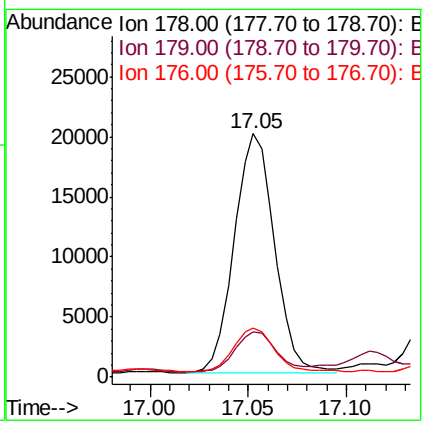


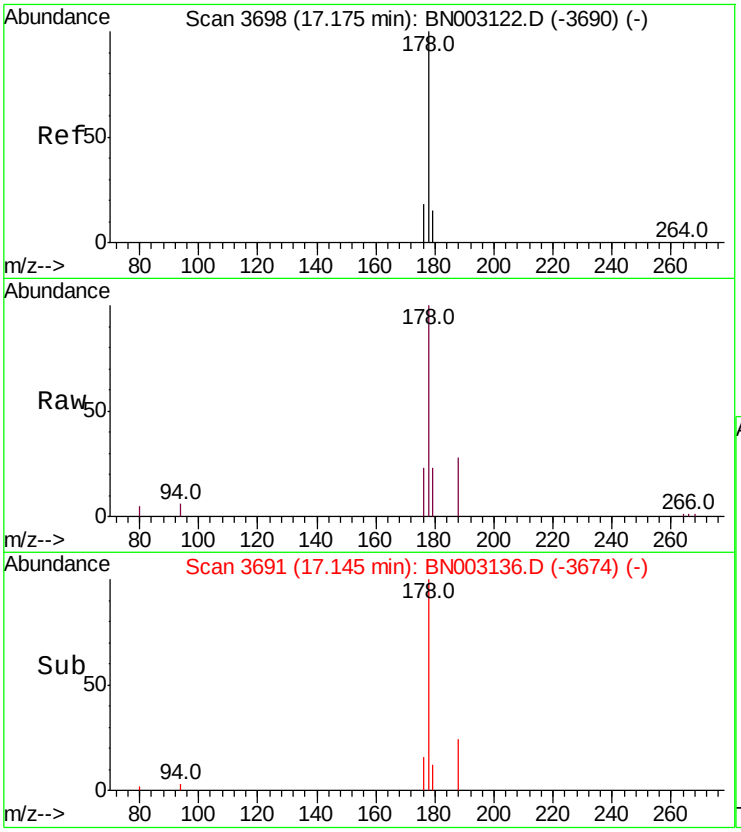


#12
Phenanthrene
Concen: 1.251 ng/ul
RT: 17.05 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:178 Resp: 28530

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.9	19.3
176	20.0	15.4	23.2

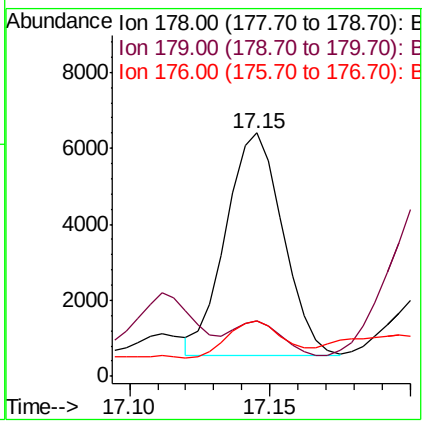




#13
Anthracene
Concen: 0.383 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:178 Resp: 8261

Ion	Ratio	Lower	Upper
178	100		
179	22.8	13.0	19.6#
176	22.7	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AL0

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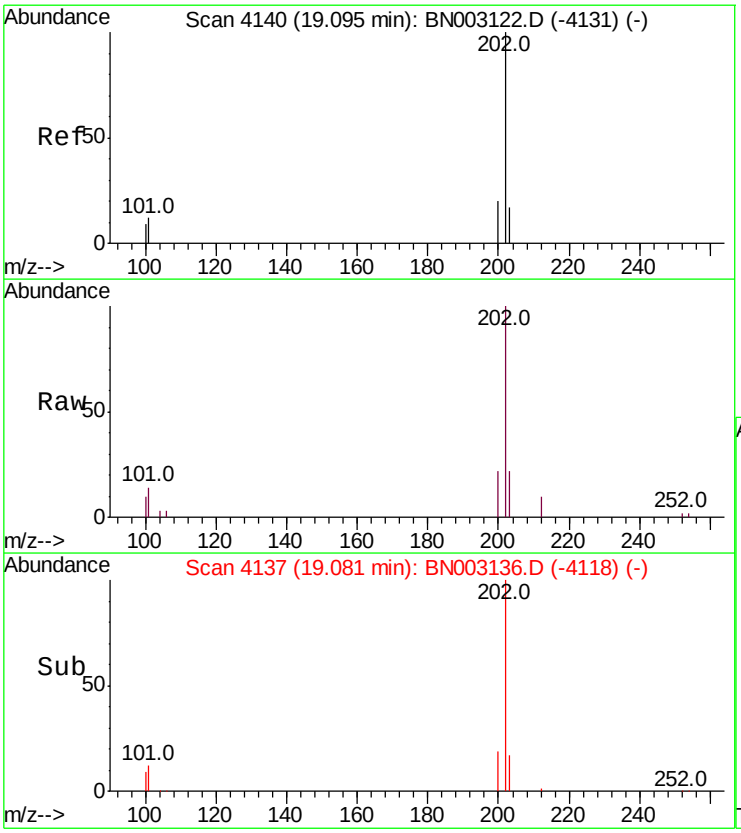
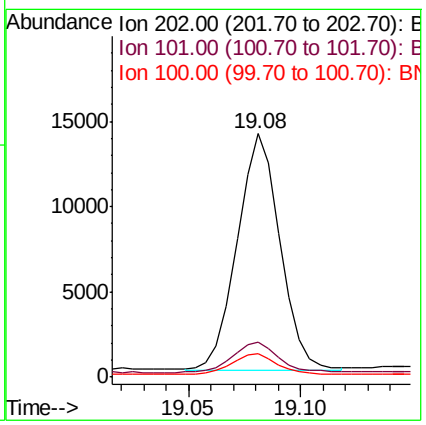
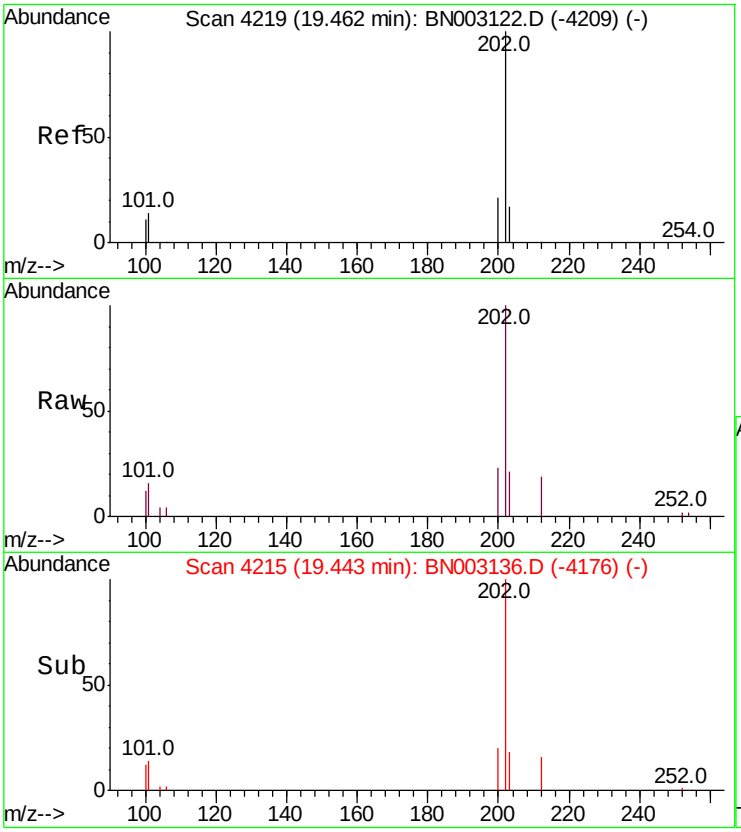


#15
Fluoranthene
Concen: 0.690 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:202 Resp: 18467

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	32.3
100	9.5	0.0	29.1





#17
Pyrene
Concen: 1.065 ng/ul
RT: 19.44 min Scan# 4215
Delta R.T. -0.02 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:202 Resp: 21839

Ion	Ratio	Lower	Upper
202	100		
101	15.9	11.9	17.9
100	12.2	9.9	14.9

Instrument :
BNA_N
ClientSampleId :
C0AL0

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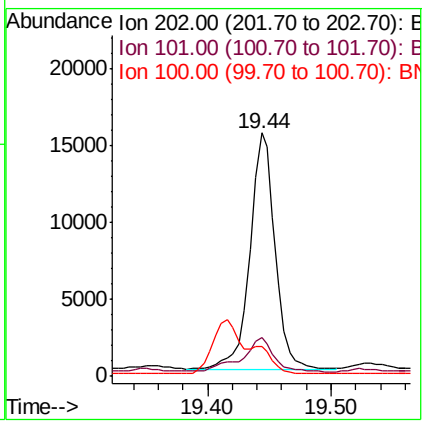
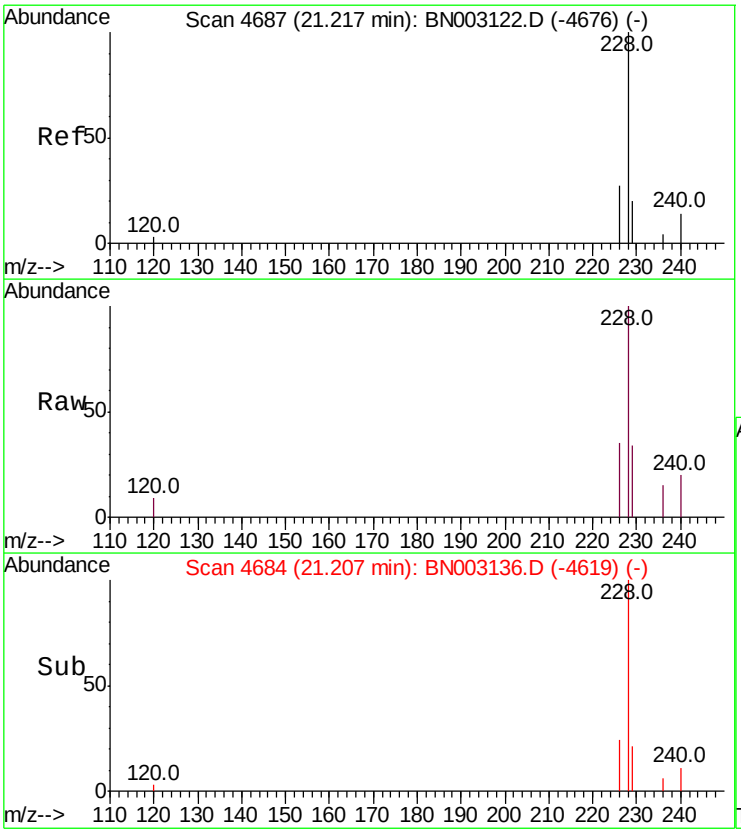
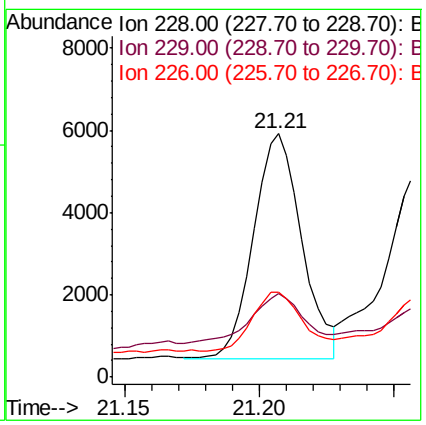


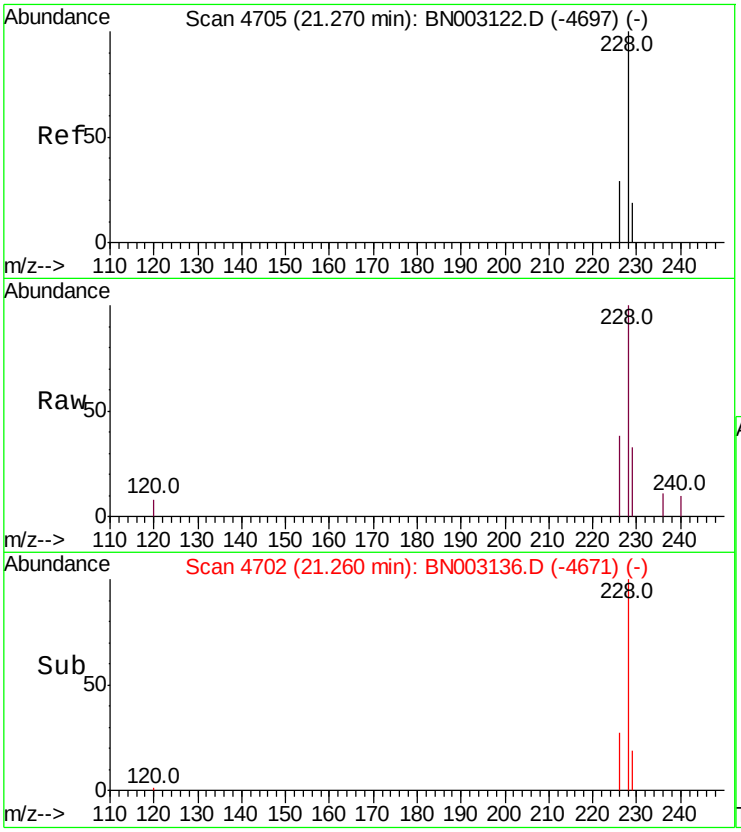


#18
Benzo(a)anthracene
Concen: 0.398 ng/ul m
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:228 Resp: 6769

Ion	Ratio	Lower	Upper
228	100		
229	34.2	16.2	24.2#
226	34.9	22.3	33.5#

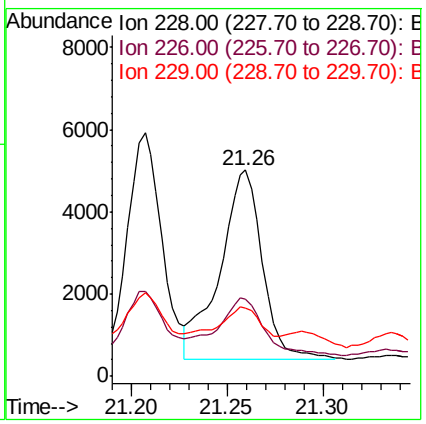




#19
Chrysene
Concen: 0.413 ng/ul m
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:228 Resp: 7128

Ion	Ratio	Lower	Upper
228	100		
226	37.6	24.2	36.4#
229	33.3	16.7	25.1#



Instrument :
BNA_N
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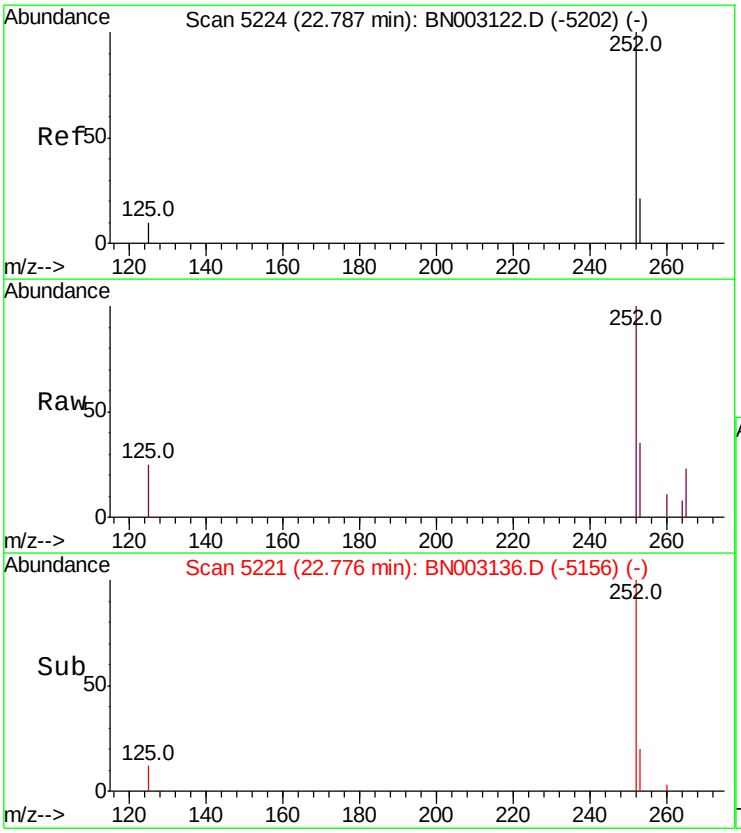
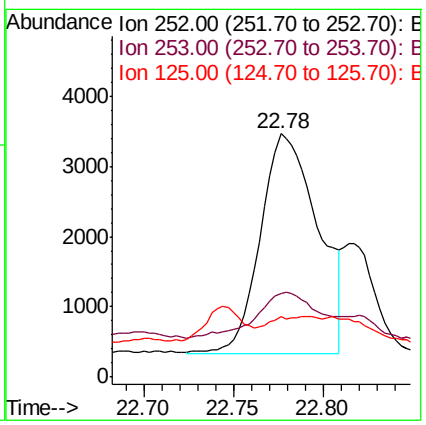
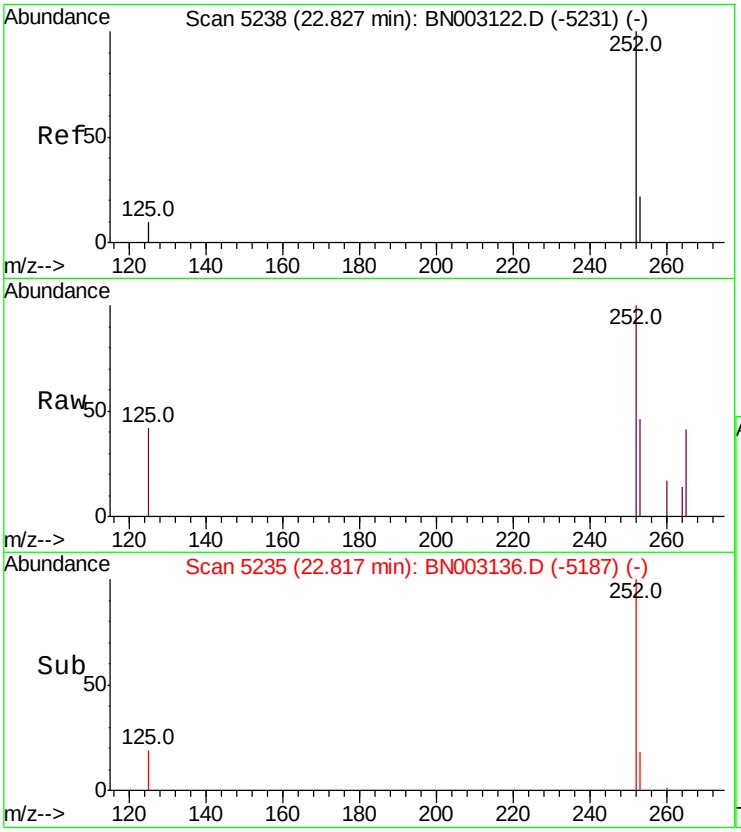


#21
Benzo(b)fluoranthene
Concen: 0.397 ng/ul m
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:252 Resp: 6966

Ion	Ratio	Lower	Upper
252	100		
253	34.6	0.0	53.2
125	24.6	0.0	34.2

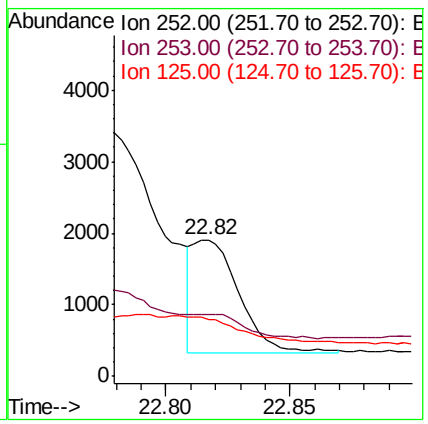




#22
Benzo(k)fluoranthene
Concen: 0.112 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:252 Resp: 2038

Ion	Ratio	Lower	Upper
252	100		
253	45.7	21.3	31.9#
125	41.7	14.1	21.1#



Instrument :
BNA_N
ClientSampleId :
C0AL0

Manual Integrations APPROVED
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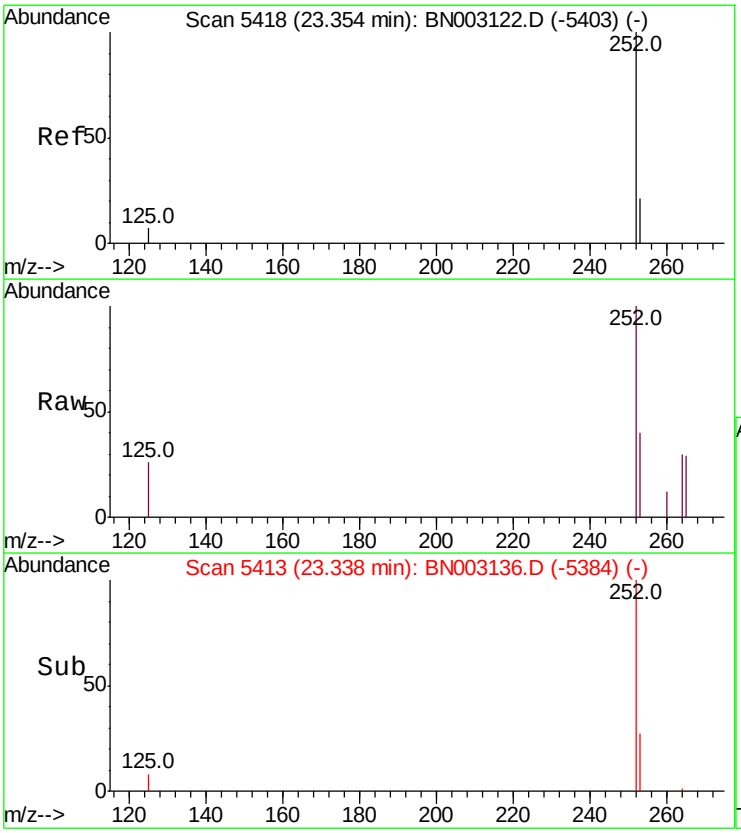
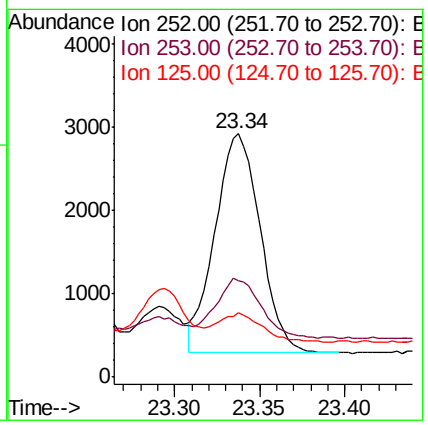
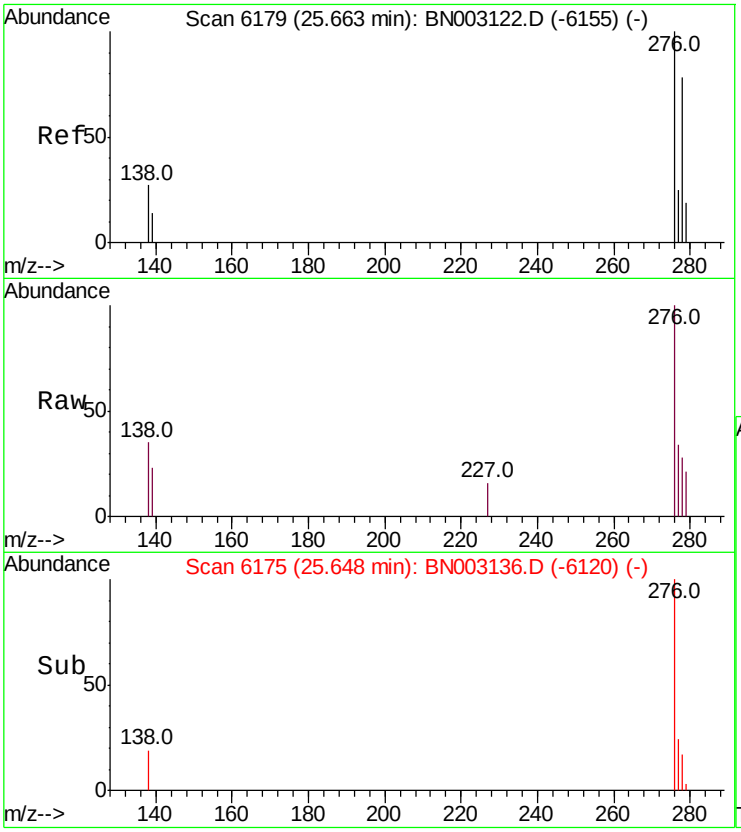


#23
Benzo(a)pyrene
Concen: 0.310 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:252 Resp: 4871

Ion	Ratio	Lower	Upper
252	100		
253	39.8	23.1	34.7#
125	26.4	16.9	25.3#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.179 ng/ul
RT: 25.65 min Scan# 6175
Delta R.T. -0.02 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:276 Resp: 3225

Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.5	32.3
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AL0

Manual Integrations APPROVED
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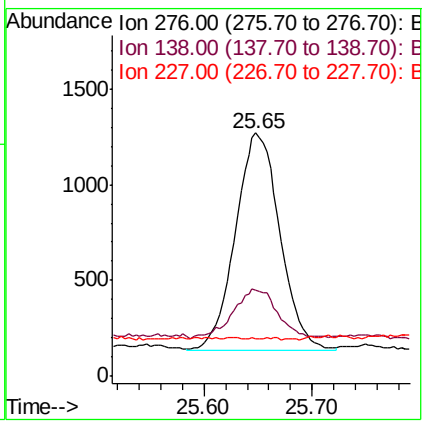
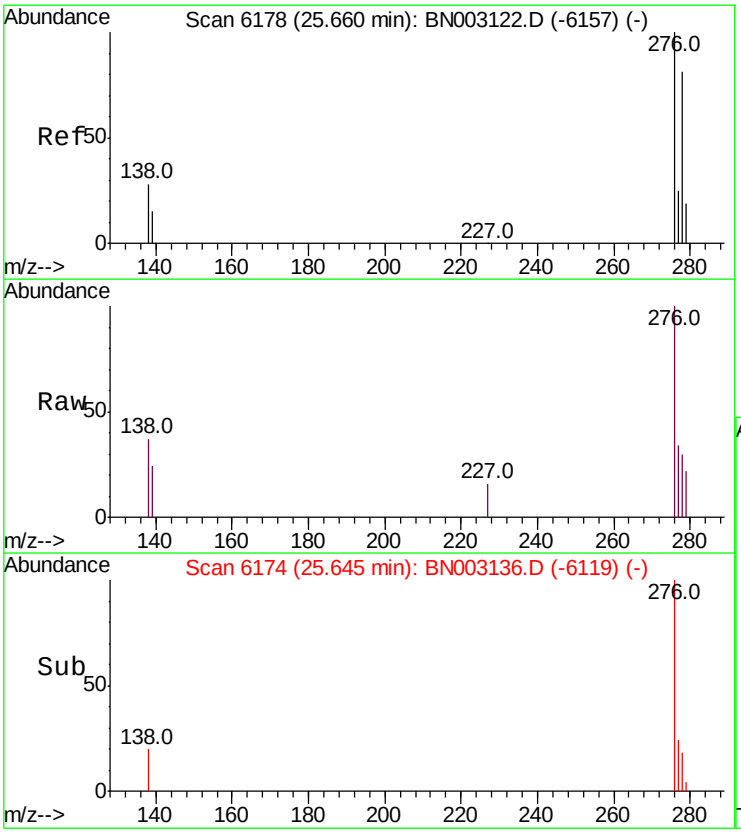
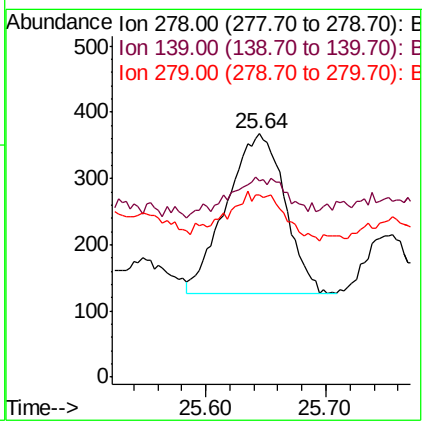


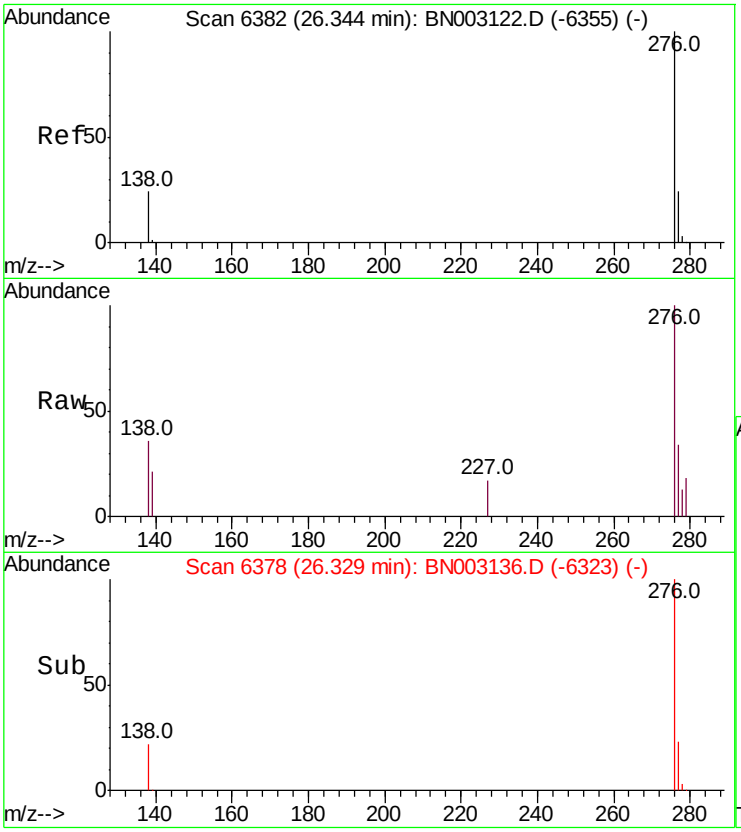


#25
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.64 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:278 Resp: 811

Ion	Ratio	Lower	Upper
278	100		
139	80.7	20.2	30.4#
279	74.7	23.8	35.8#

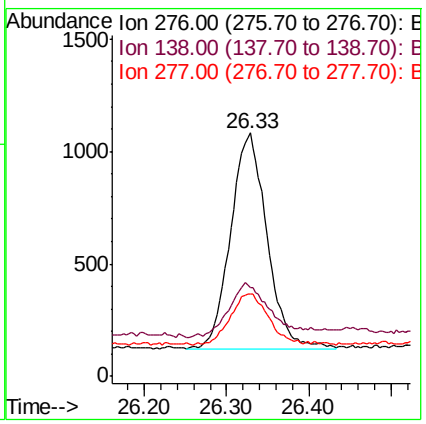




#26
Benzo(g,h,i)perylene
Concen: 0.193 ng/ul
RT: 26.33 min Scan# 6378
Delta R.T. -0.02 min
Lab File: BN003136.D
Acq: 12 Oct 2018 10:41

Tgt Ion:276 Resp: 2939

Ion	Ratio	Lower	Upper
276	100		
138	36.5	23.0	34.4#
277	33.9	22.0	33.0#



Instrument :
BNA_N
ClientSampleId :
C0AL0

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:48 PM