Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003096.D
Acq On : 11 Oct 2018 10:24
Operator : MJ/SJ
Sample : J5230-05DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ2DL

Manual Integrations APPROVED
Sohil
10/11/2018 5:45:19 PM

Quant Time: Oct 11 13:44:45 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 : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1368	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	5569	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	3314	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	7074	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	4758	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4902	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	215	0.02	ng/ul	0.03
14) Fluoranthene-d10	19.06	212	499	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	561	0.039	ng/ul#	58
8) Acenaphthene	14.33	153	592	0.051	ng/ul	96
9) Fluorene	15.33	166	615	0.047	ng/ul#	95
12) Phenanthrene	17.07	178	11679	0.592	ng/ul	100
13) Anthracene	17.16	178	2233	0.120	ng/ul#	89
15) Fluoranthene	19.09	202	14436	0.624	ng/ul	98
17) Pyrene	19.45	202	12506	0.677	ng/ul	99
18) Benzo(a)anthracene	21.22	228	4859m	0.317	ng/ul	
19) Chrysene	21.27	228	4678	0.301	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	5814m	0.329	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2107m	0.115	ng/ul	
23) Benzo(a)pyrene	23.35	252	4148	0.262	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.68	276	2972	0.163	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.67	278	787	0.054	ng/ul#	22
26) Benzo(g,h,i)perylene	26.35	276	2783	0.182	ng/ul#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003096.D
Acq On : 11 Oct 2018 10:24
Operator : MJ/SJ
Sample : J5230-05DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 11 13:44:45 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 : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YZ2DL

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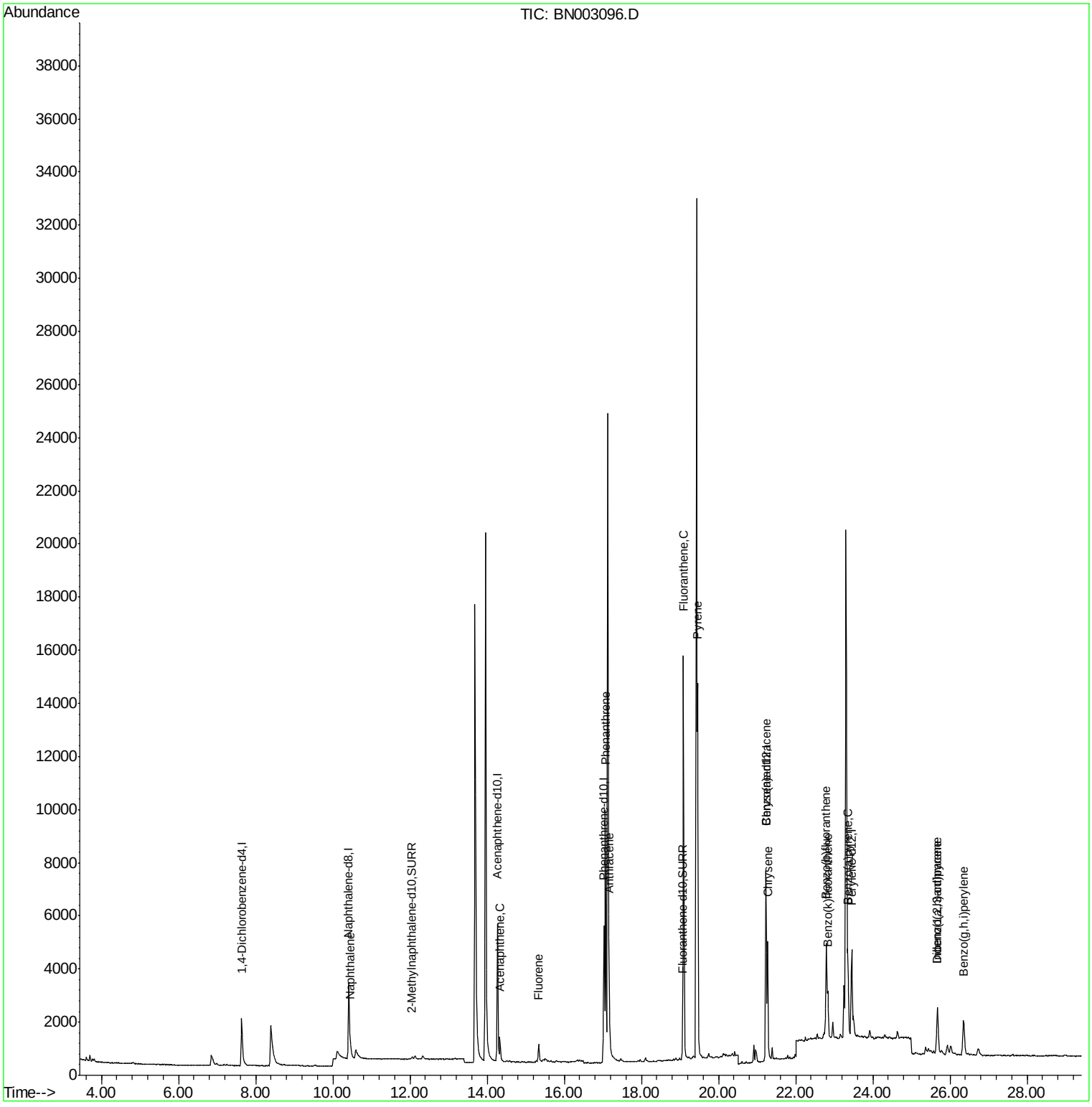
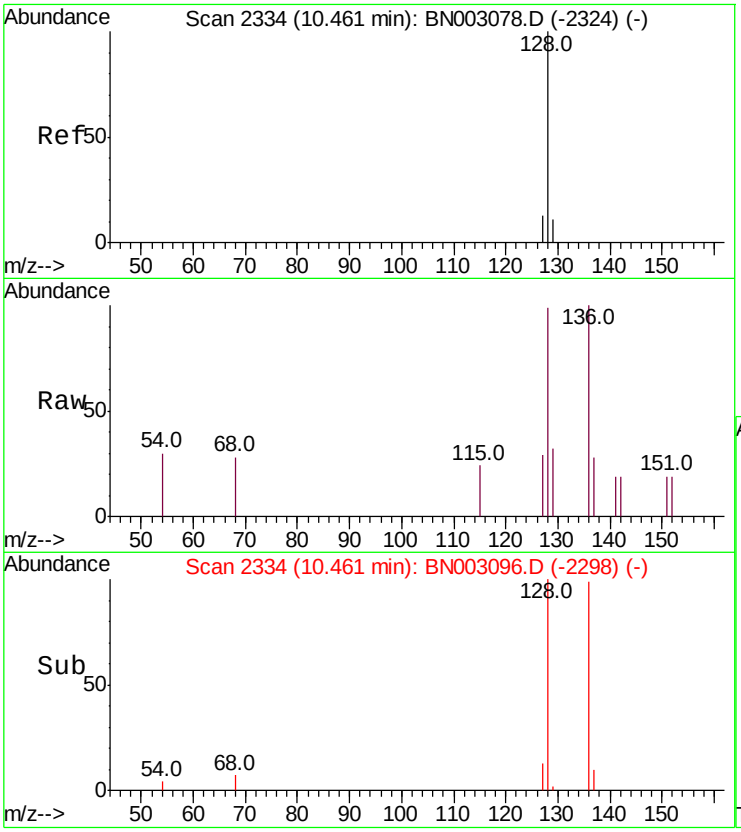
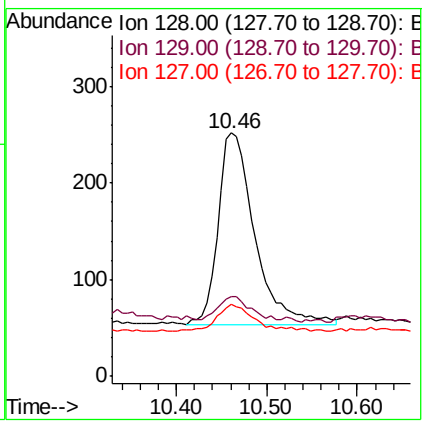




#3
Naphthalene
Concen: 0.039 ng/ul
RT: 10.46 min Scan# 2334
Delta R.T. 0.00 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:128 Resp: 561

Ion	Ratio	Lower	Upper
128	100		
129	32.5	10.4	15.6#
127	29.4	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
A3YZ2DL

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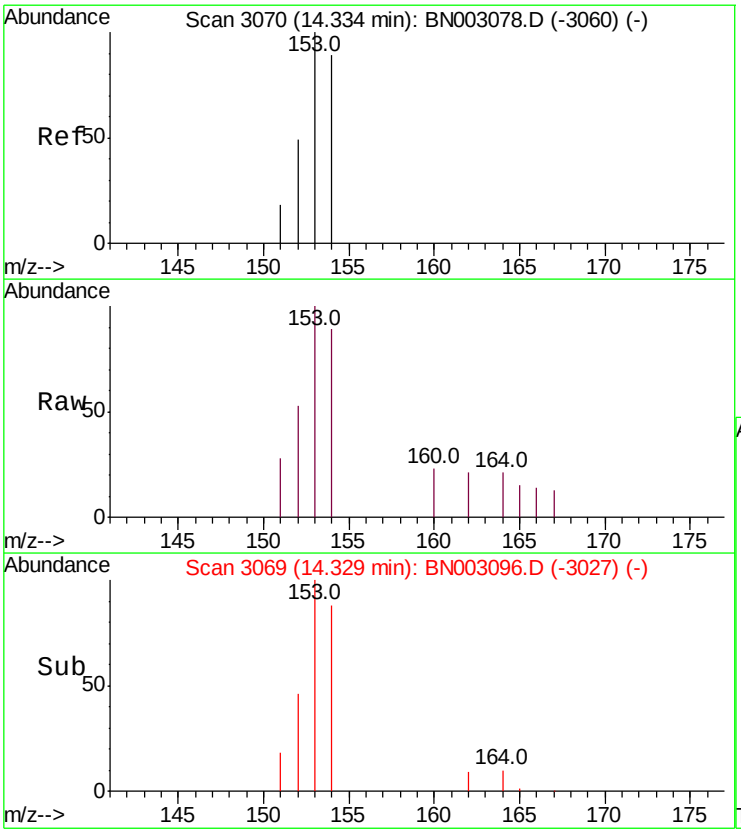
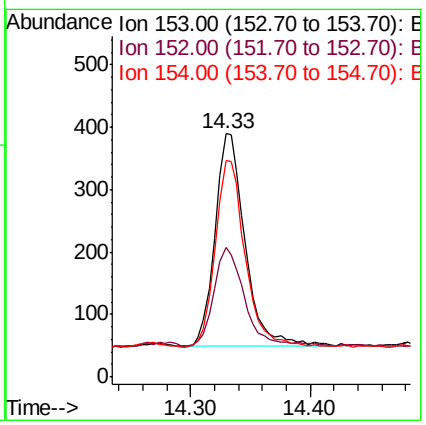
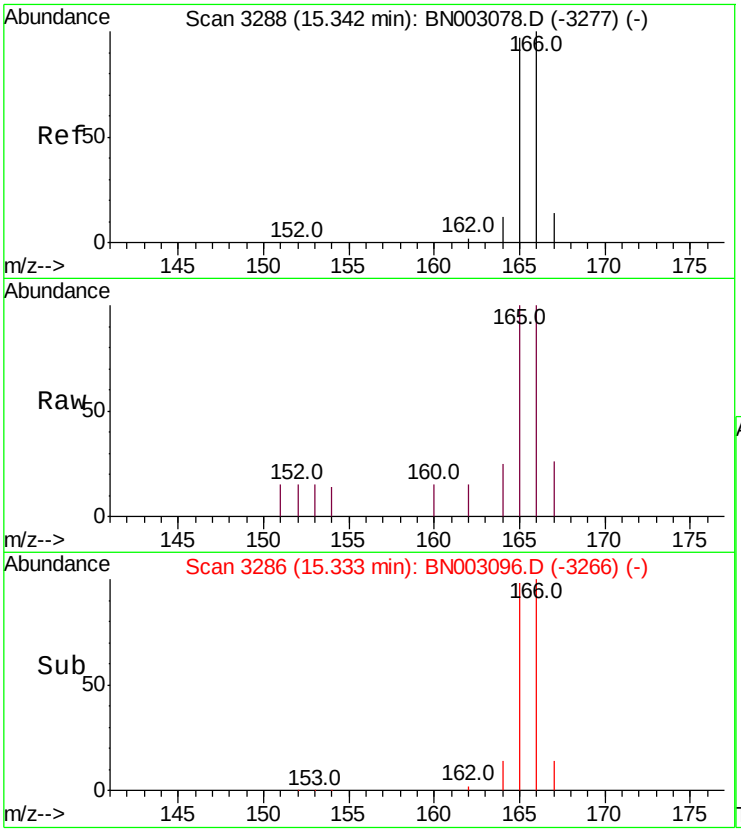


#8
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.33 min Scan# 3069
Delta R.T. -0.00 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:153 Resp: 592

Ion	Ratio	Lower	Upper
153	100		
152	53.1	38.2	57.4
154	89.0	70.2	105.2

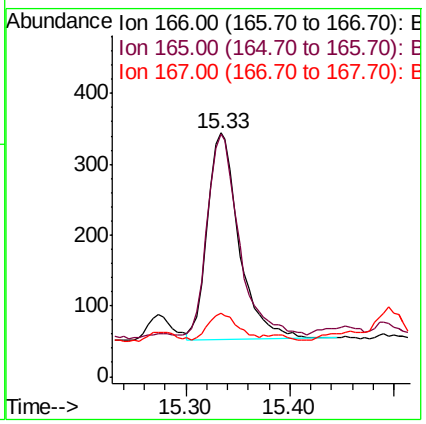




#9
Fluorene
Concen: 0.047 ng/ul
RT: 15.33 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:166 Resp: 615

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.5	117.7
167	26.2	11.6	17.4#



Instrument :
BNA_N
ClientSampleId :
A3YZ2DL

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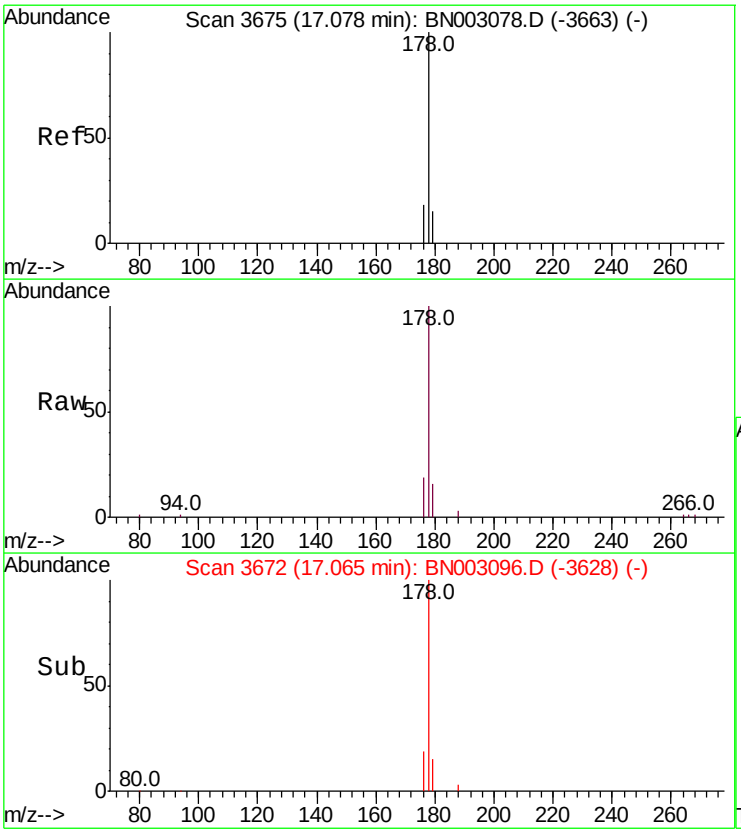
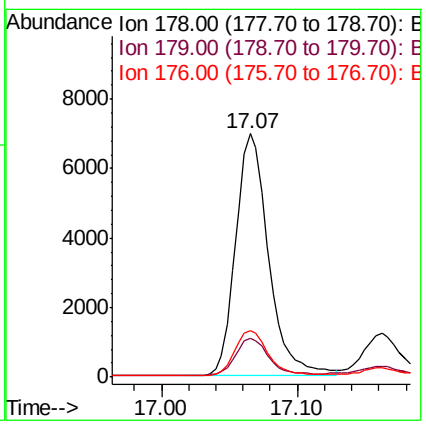
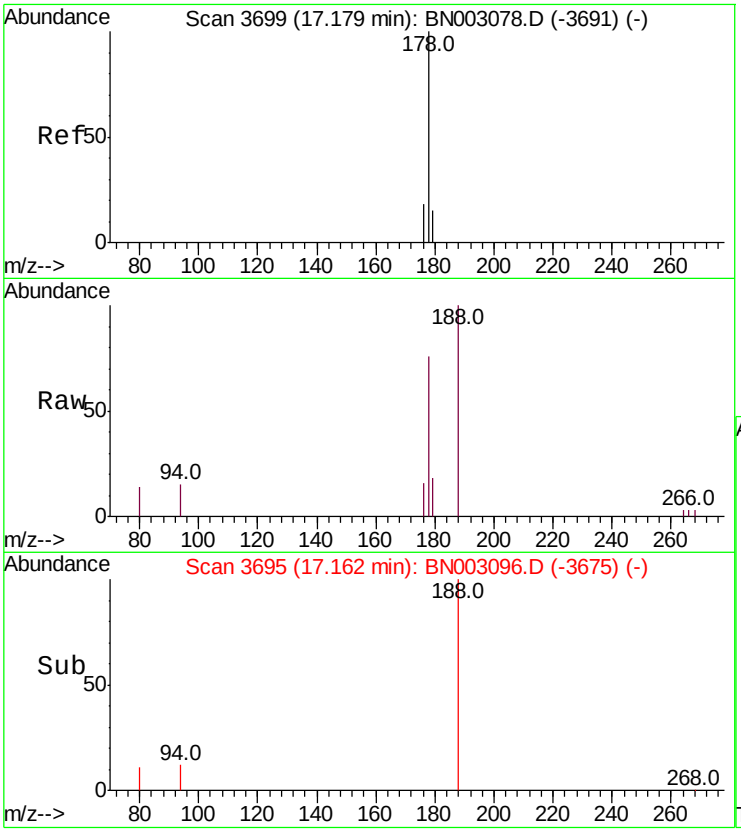


#12
Phenanthrene
Concen: 0.592 ng/ul
RT: 17.07 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:178 Resp: 11679

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.2	15.4	23.2

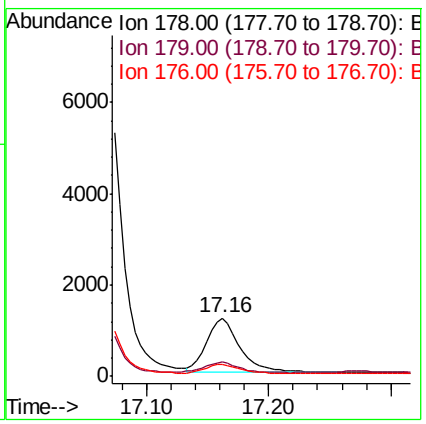




#13
Anthracene
Concen: 0.120 ng/ul
RT: 17.16 min Scan# 3695
Delta R.T. -0.02 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:178 Resp: 2233

Ion	Ratio	Lower	Upper
178	100		
179	24.2	13.0	19.6#
176	20.9	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A3YZ2DL

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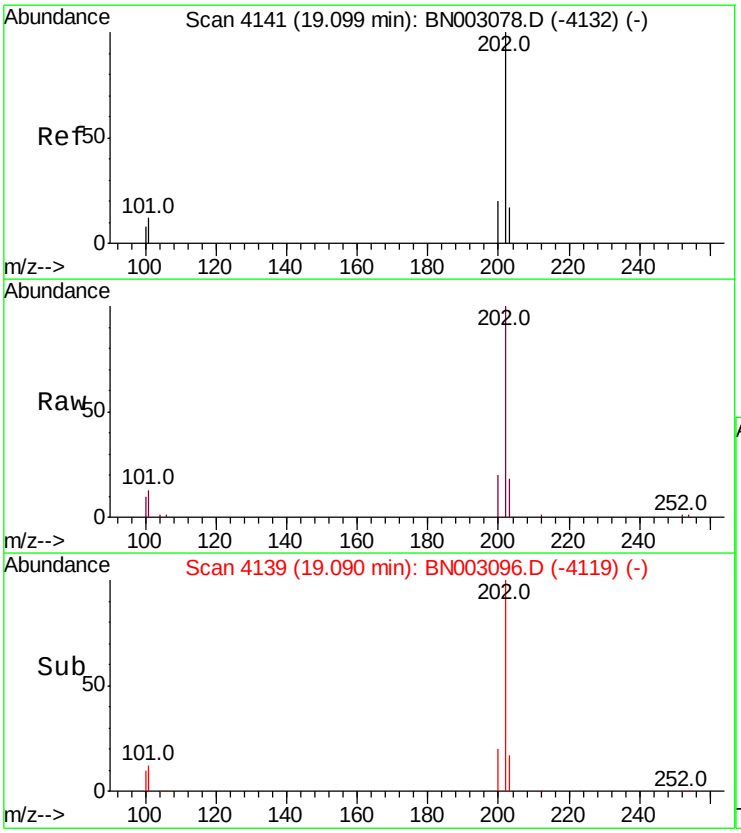
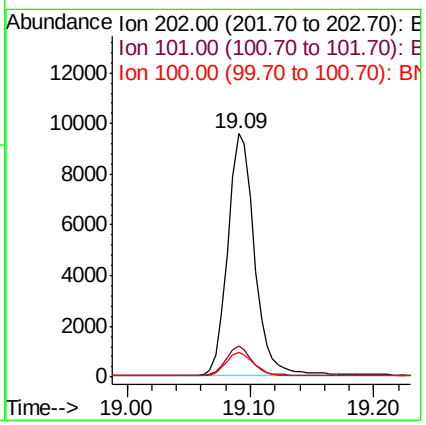
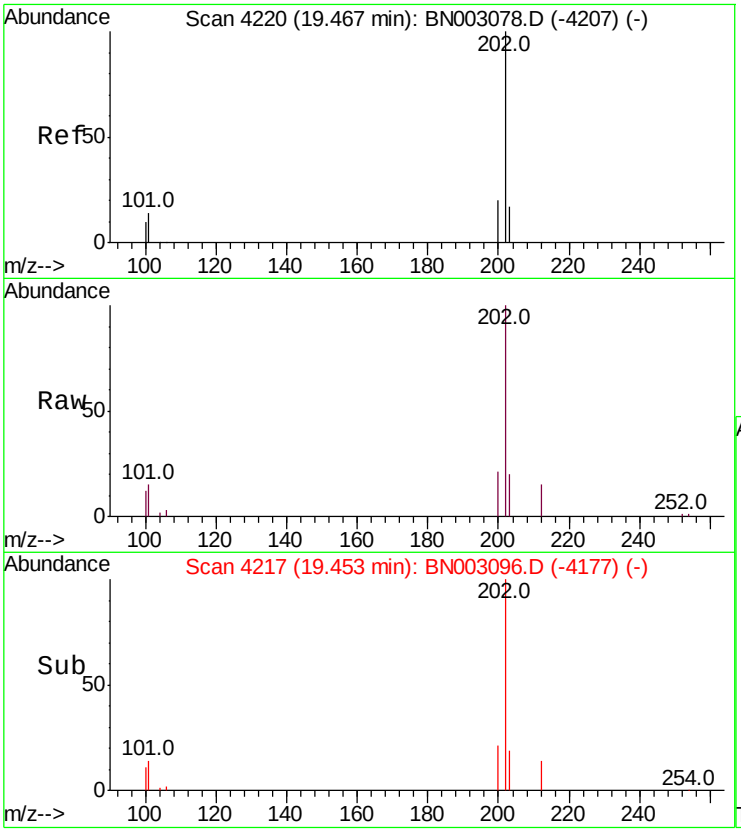


#15
Fluoranthene
Concen: 0.624 ng/ul
RT: 19.09 min Scan# 4139
Delta R.T. -0.01 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:202 Resp: 14436

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.3
100	10.1	0.0	29.1

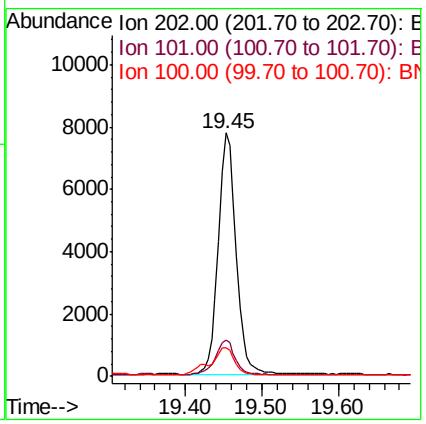




#17
Pyrene
Concen: 0.677 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:202 Resp: 12506

Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.9	17.9
100	11.9	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
A3YZ2DL

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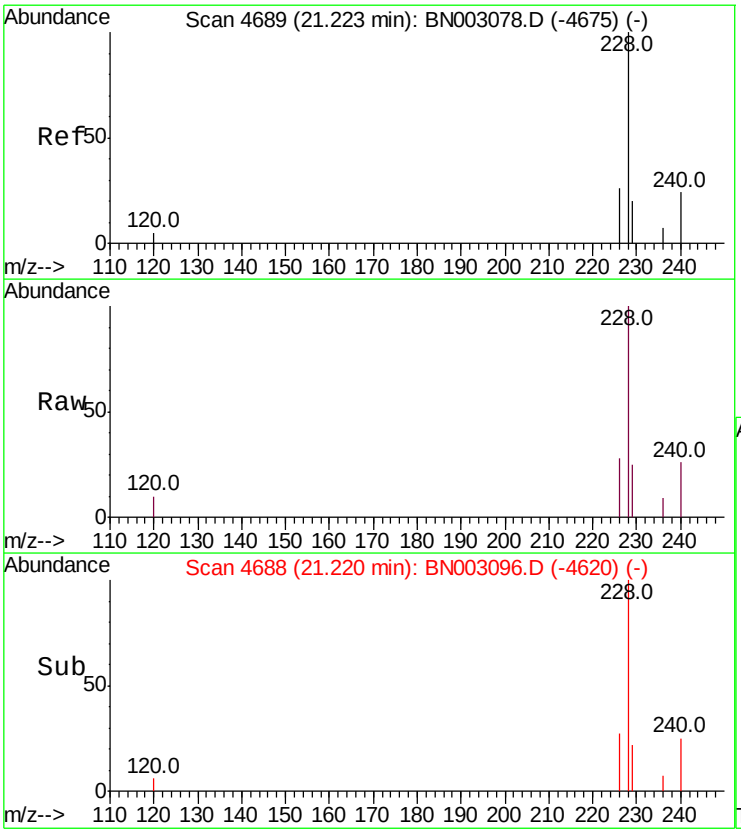
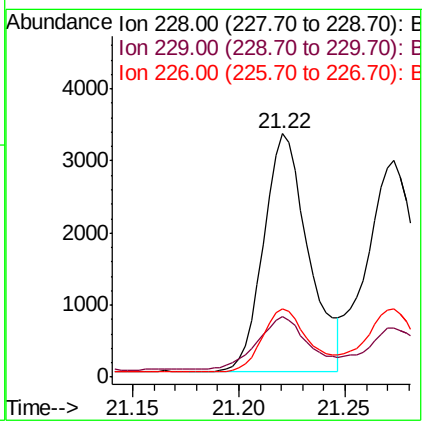
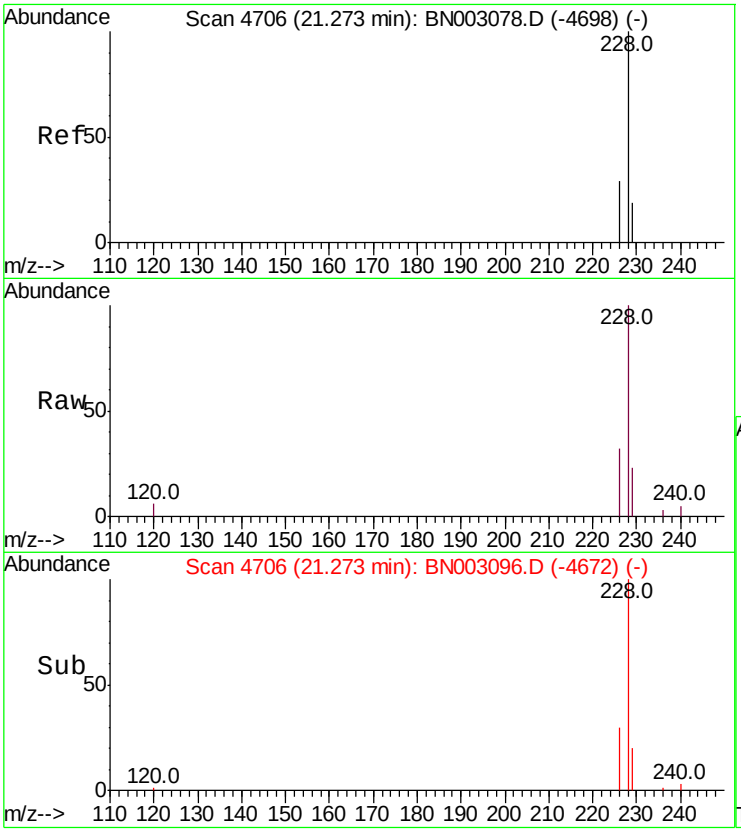


#18
Benzo(a)anthracene
Concen: 0.317 ng/ul m
RT: 21.22 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:228 Resp: 4859

Ion	Ratio	Lower	Upper
228	100		
229	24.8	16.2	24.2#
226	28.3	22.3	33.5





#19
Chrysene
Concen: 0.301 ng/ul
RT: 21.27 min Scan# 4706
Delta R.T. 0.00 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:228 Resp: 4678

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.2	36.4
229	22.9	16.7	25.1

Instrument :
BNA_N
ClientSampleId :
A3YZ2DL

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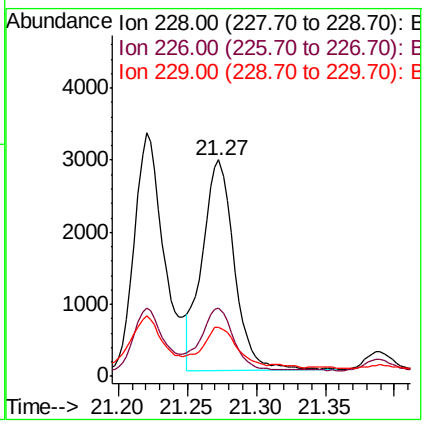
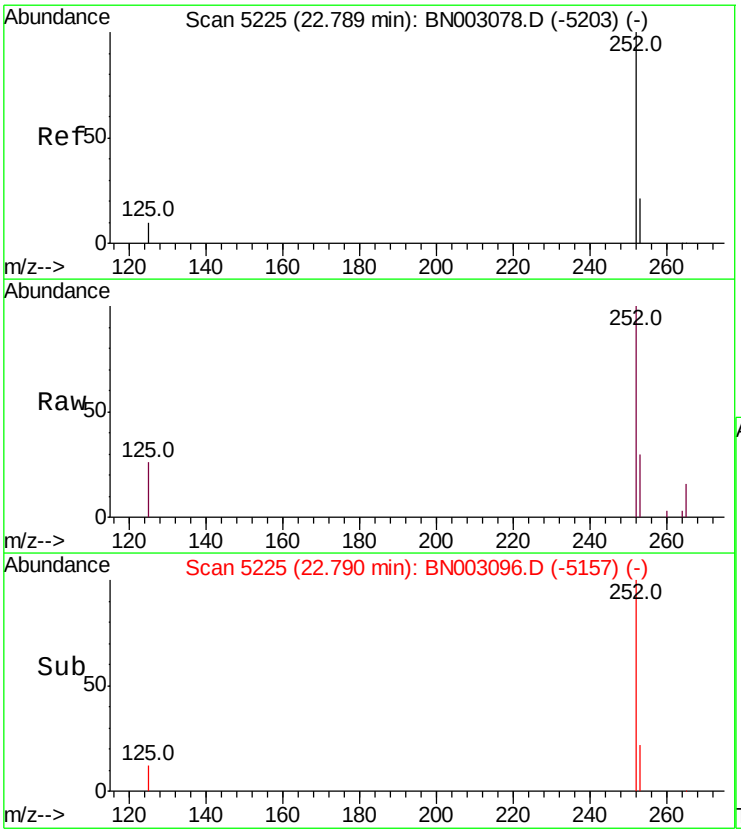
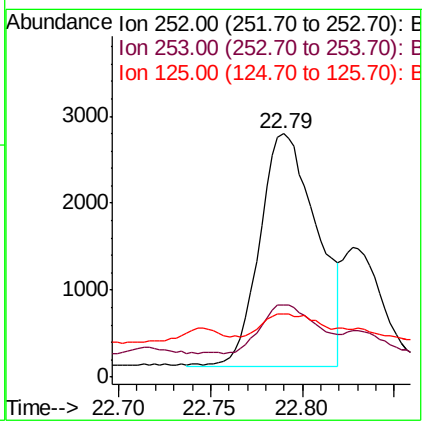


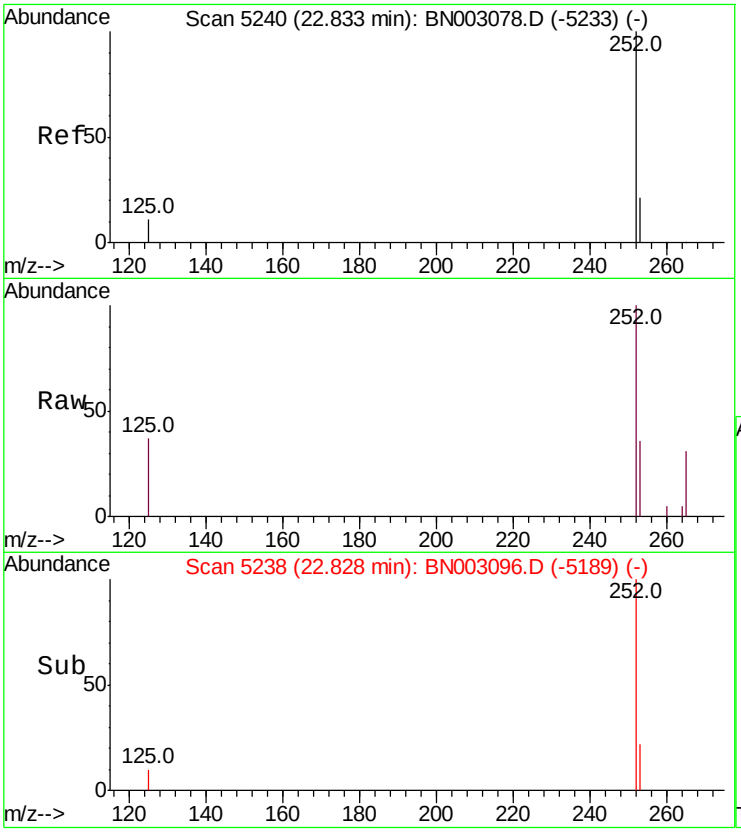


#21
Benzo(b)fluoranthene
Concen: 0.329 ng/ul m
RT: 22.79 min Scan# 5225
Delta R.T. 0.00 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:252 Resp: 5814

Ion	Ratio	Lower	Upper
252	100		
253	29.6	0.0	53.2
125	26.0	0.0	34.2





#22
Benzo(k)fluoranthene
Concen: 0.115 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. -0.01 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:252 Resp: 2107

Ion	Ratio	Lower	Upper
252	100		
253	36.2	21.3	31.9#
125	37.0	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
A3YZ2DL

Manual Integrations APPROVED
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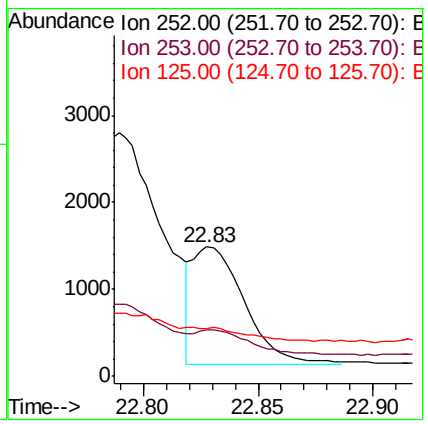
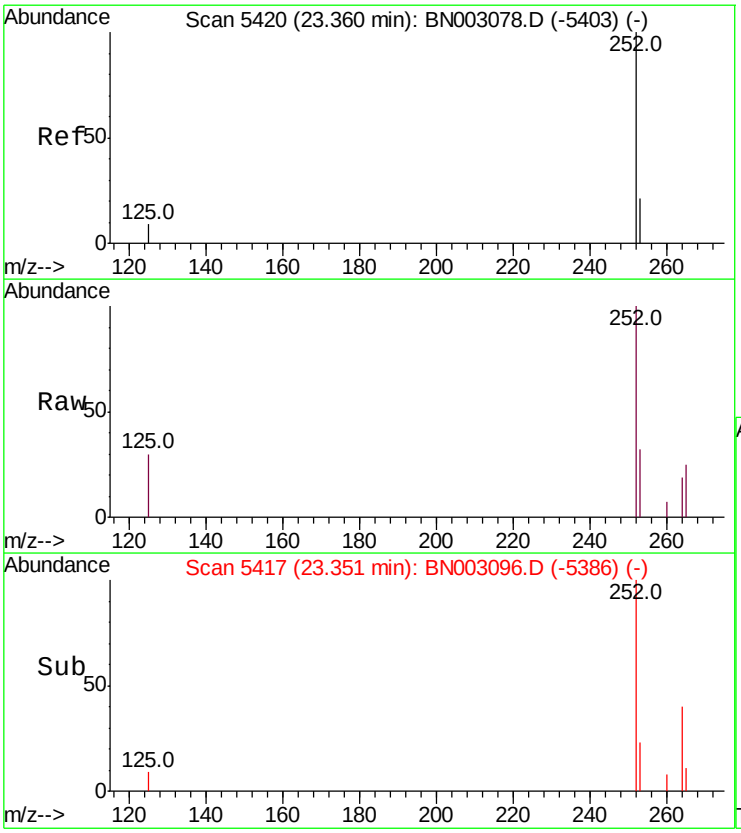
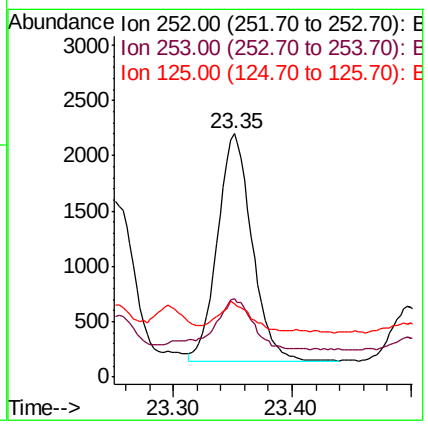


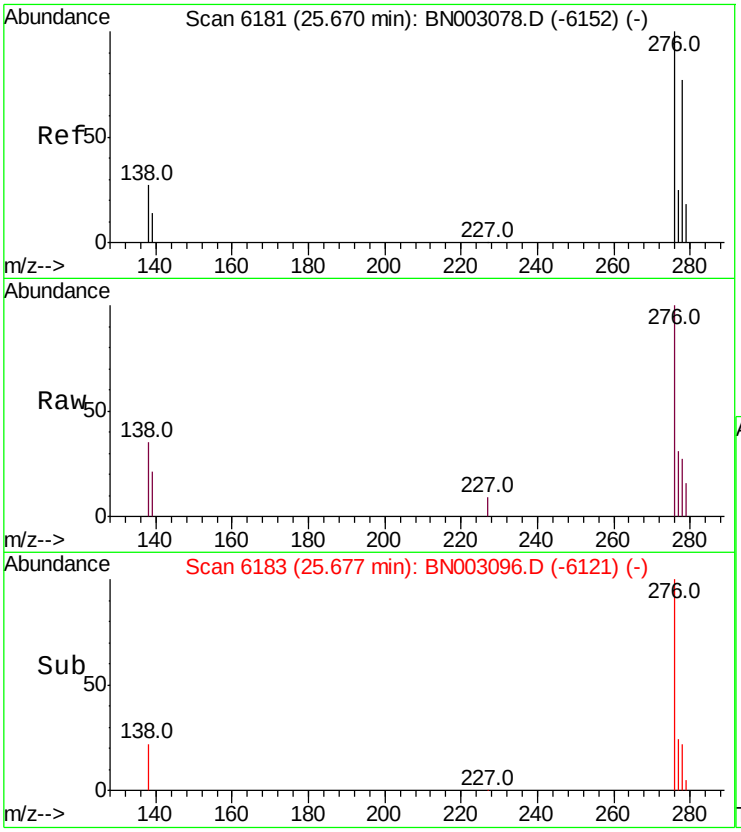


#23
Benzo(a)pyrene
Concen: 0.262 ng/ul
RT: 23.35 min Scan# 5417
Delta R.T. -0.01 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:252 Resp: 4148

Ion	Ratio	Lower	Upper
252	100		
253	32.2	23.1	34.7
125	30.3	16.9	25.3#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng/ul
RT: 25.68 min Scan# 6183
Delta R.T. 0.01 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:276 Resp: 2972

Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.5	32.3
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A3YZ2DL

Manual Integrations APPROVED
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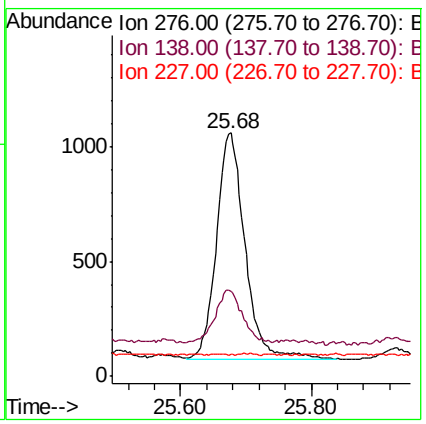
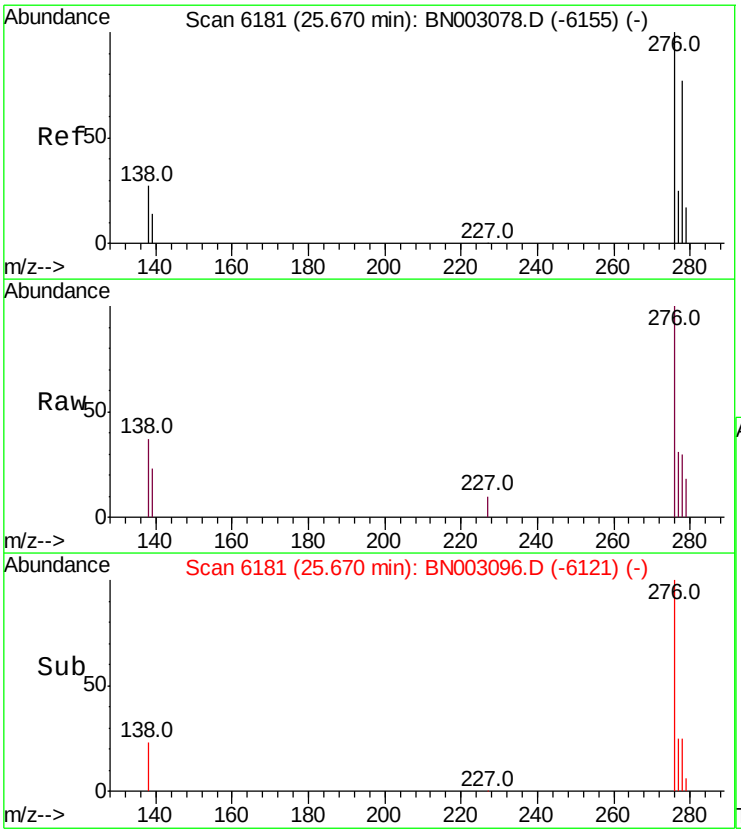
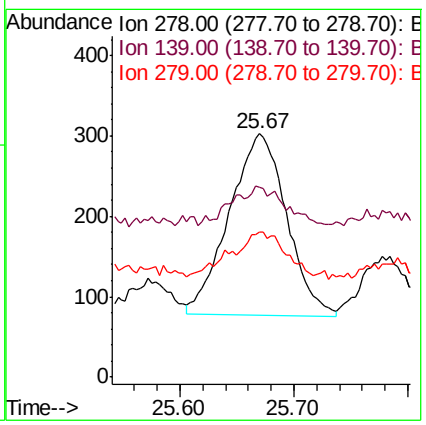


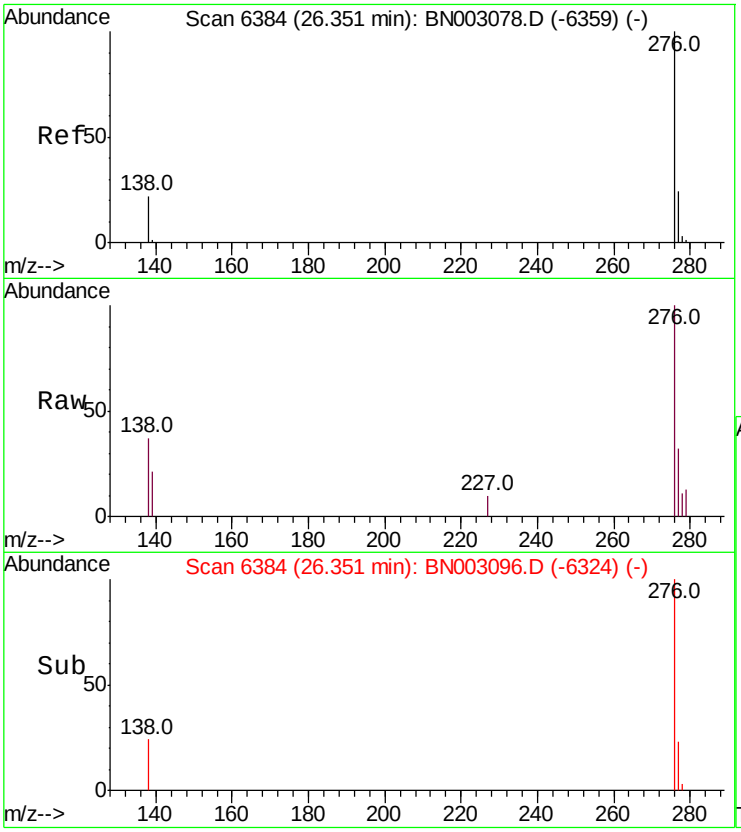


#25
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 25.67 min Scan# 6181
Delta R.T. 0.00 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:278 Resp: 787

Ion	Ratio	Lower	Upper
278	100		
139	77.9	20.2	30.4#
279	59.7	23.8	35.8#

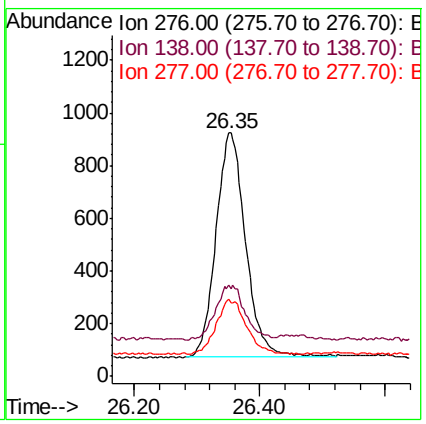




#26
Benzo(g,h,i)perylene
Concen: 0.182 ng/ul
RT: 26.35 min Scan# 6384
Delta R.T. 0.00 min
Lab File: BN003096.D
Acq: 11 Oct 2018 10:24

Tgt Ion:276 Resp: 2783

Ion	Ratio	Lower	Upper
276	100		
138	37.3	23.0	34.4#
277	31.7	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
A3YZ2DL

Manual Integrations APPROVED
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