Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004096.D
Acq On : 19 Dec 2018 02:39
Operator : JU/SJ
Sample : J6271-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E32

Manual Integrations APPROVED
Sohil
12/19/2018 4:16:53 PM

Quant Time: Dec 19 04:54:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2086	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10173	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6007	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14900m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15507m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13714m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3139	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9381m	0.22	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	877	0.032	ng/ul#	80
12) Phenanthrene	17.25	178	1761m	0.036	ng/ul	
15) Fluoranthene	19.27	202	5059m	0.088	ng/ul	
17) Pyrene	19.64	202	5286m	0.095	ng/ul	
18) Benzo(a)anthracene	21.38	228	3943	0.081	ng/ul#	90
19) Chrysene	21.43	228	5389	0.096	ng/ul#	92
21) Benzo(b)fluoranthene	23.02	252	7164m	0.126	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	2942m	0.053	ng/ul	
23) Benzo(a)pyrene	23.62	252	3800	0.077	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	26.08	276	3386	0.060	ng/ul#	94
26) Benzo(g,h,i)perylene	26.82	276	2972	0.061	ng/ul#	72

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

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Instrument :
BNA_N
ClientSampleId :
F9E32

Manual Integrations APPROVED
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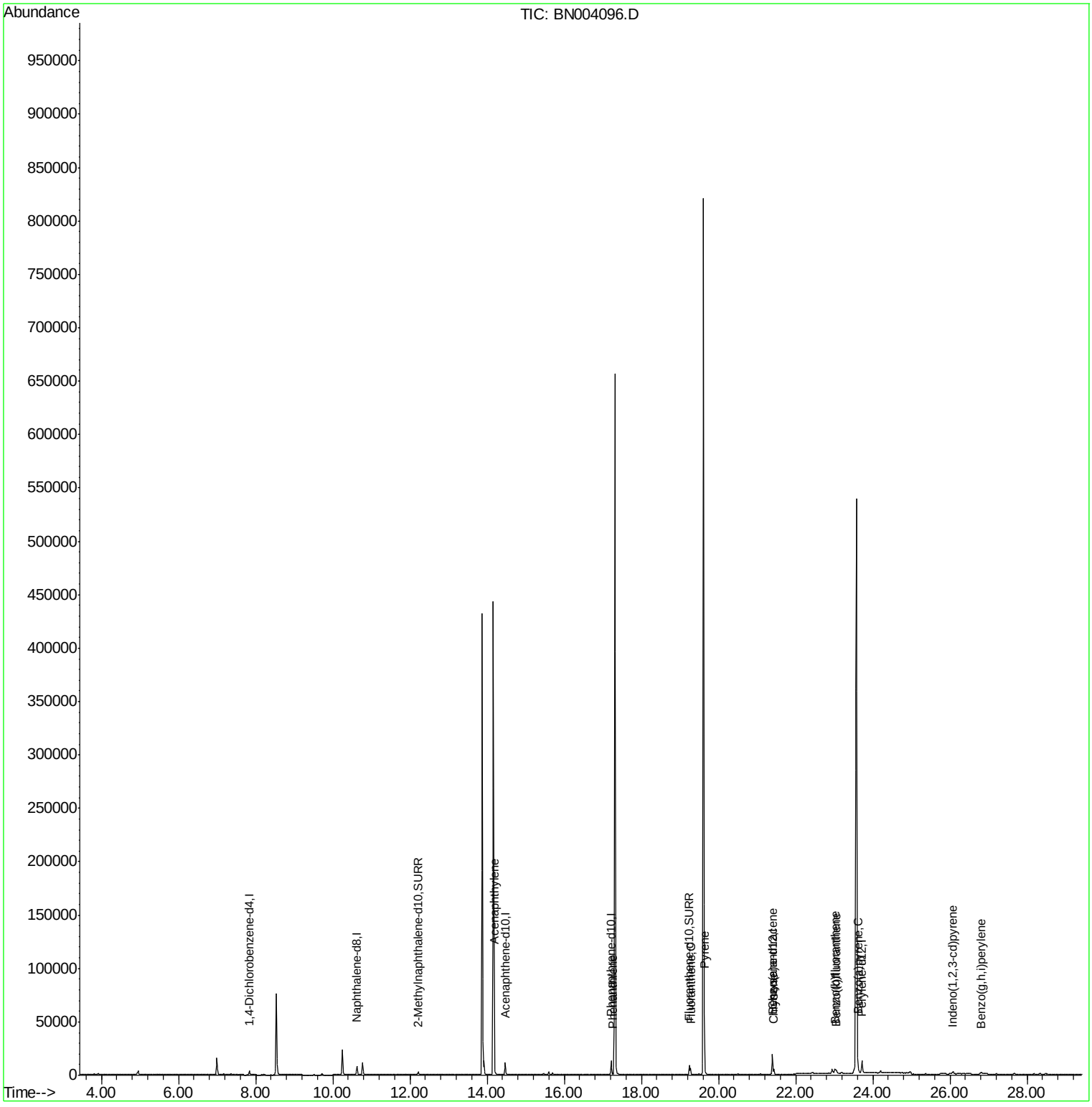

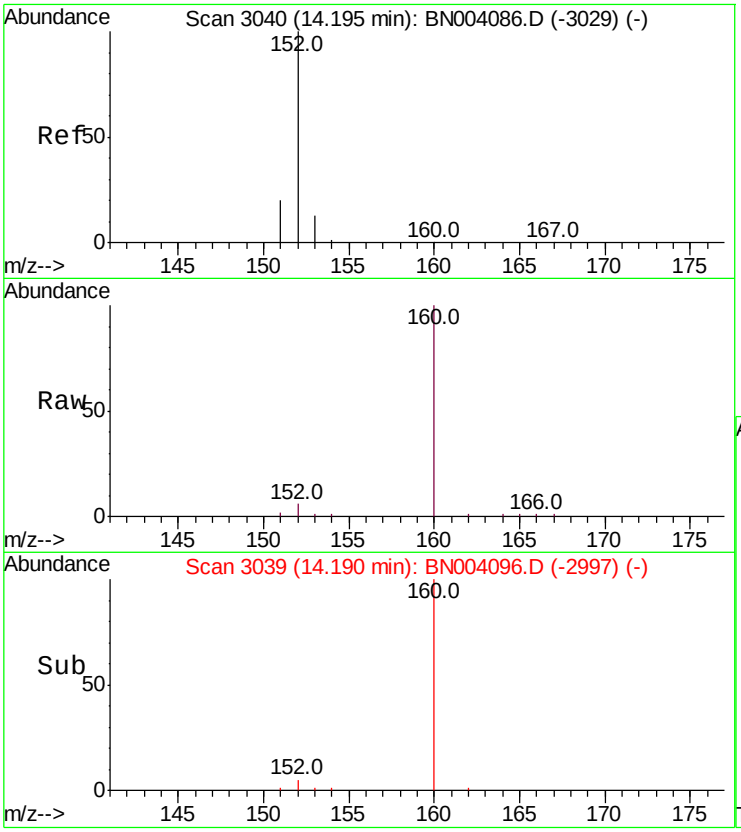

#7
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:152 Resp: 877

Ion	Ratio	Lower	Upper
152	100		
151	28.8	15.9	23.9#
153	21.9	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
F9E32

Manual Integrations APPROVED
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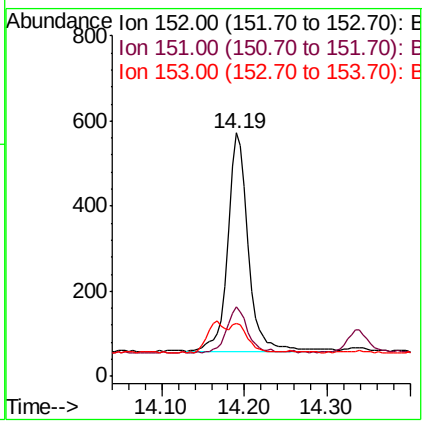
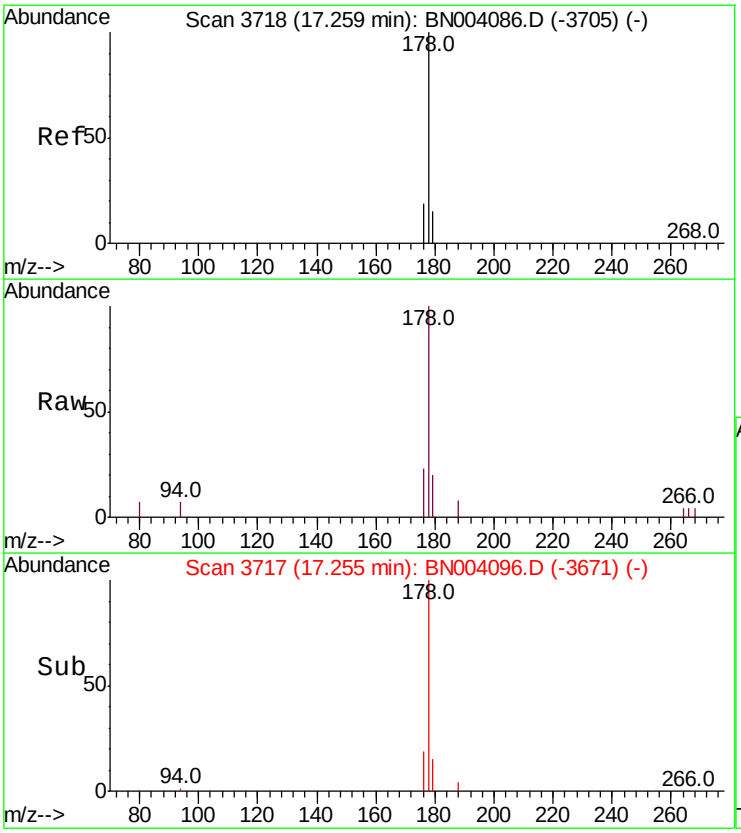
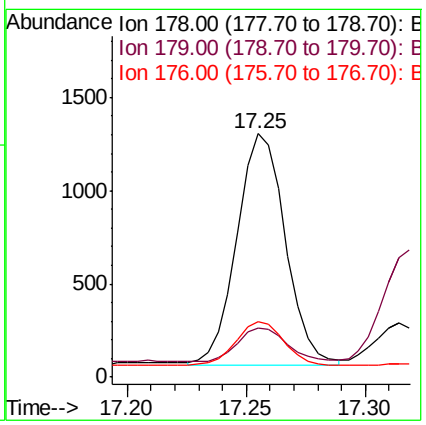


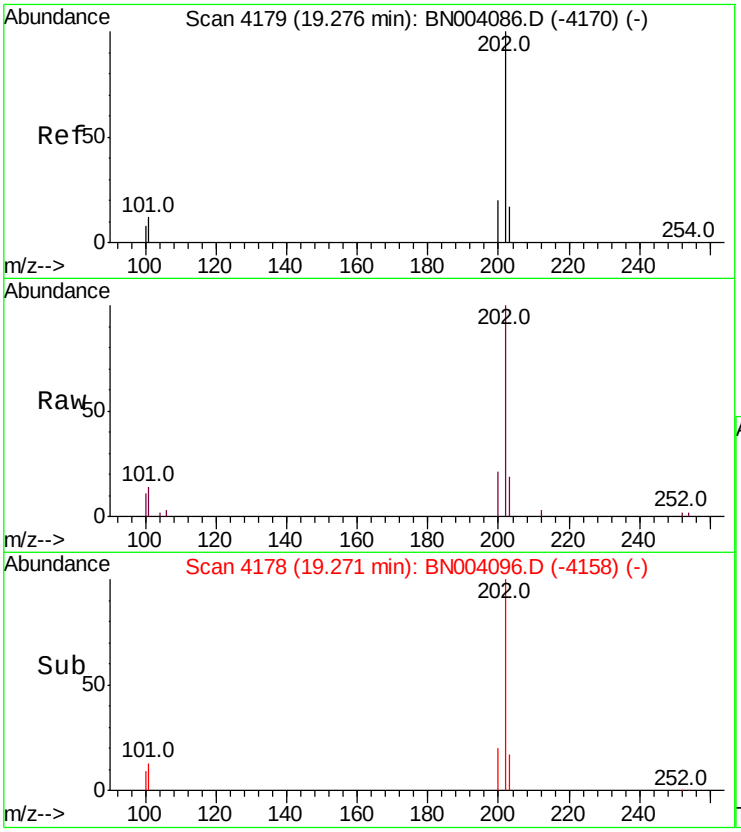


#12
Phenanthrene
Concen: 0.036 ng/ul m
RT: 17.25 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:178 Resp: 1761

Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.5	18.7#
176	22.9	15.0	22.4#

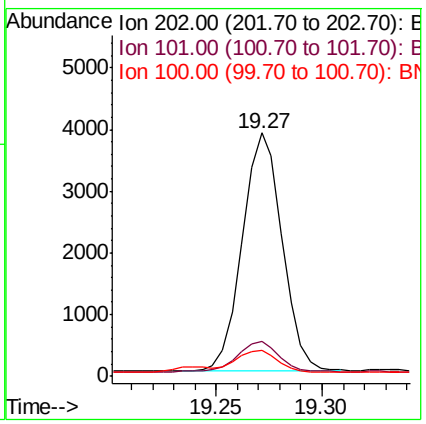




#15
Fluoranthene
Concen: 0.088 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:202 Resp: 5059

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	30.7
100	10.6	0.0	28.1



Instrument :
BNA_N
ClientSampleId :
F9E32

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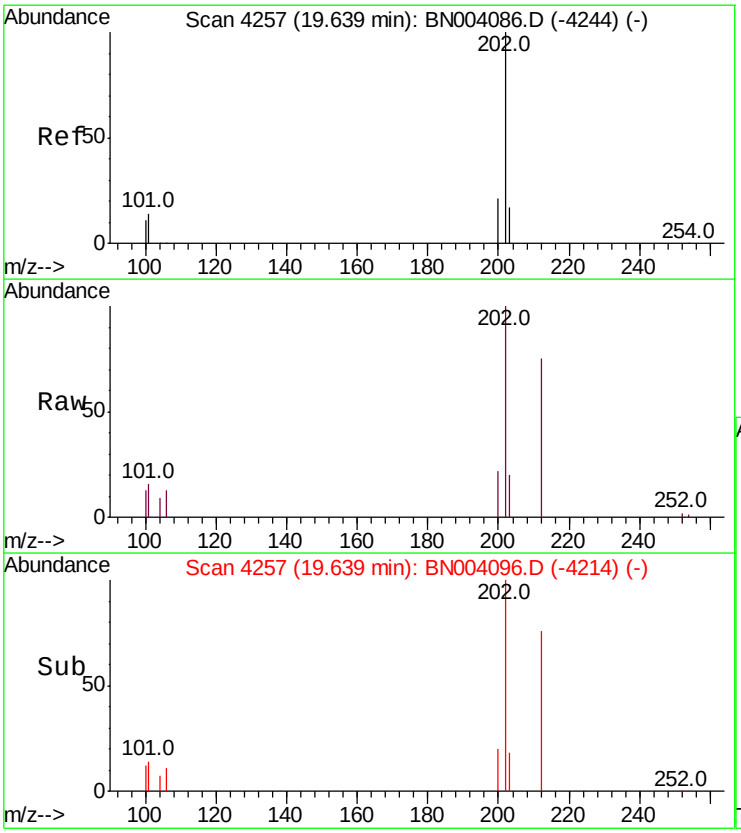
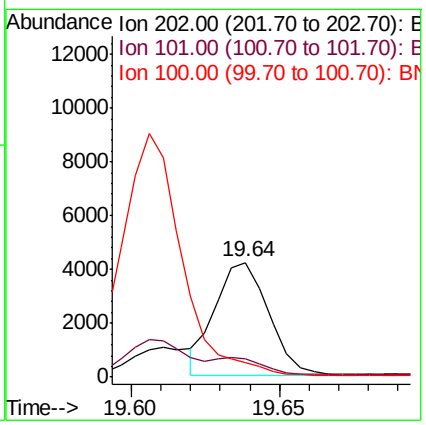
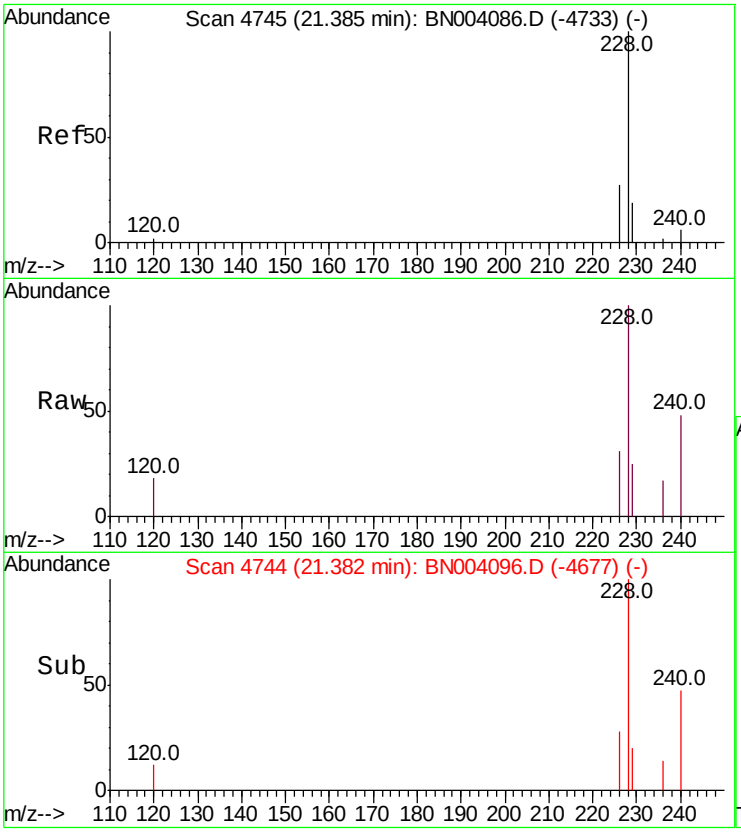


#17
Pyrene
Concen: 0.095 ng/ul m
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:202 Resp: 5286

Ion	Ratio	Lower	Upper
202	100		
101	15.6	10.3	15.5#
100	12.9	8.5	12.7#

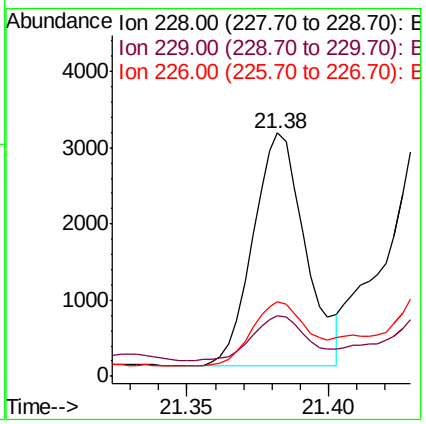




#18
Benzo(a)anthracene
Concen: 0.081 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:228 Resp: 3943

Ion	Ratio	Lower	Upper
228	100		
229	25.0	15.6	23.4#
226	30.9	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
F9E32

Manual Integrations APPROVED
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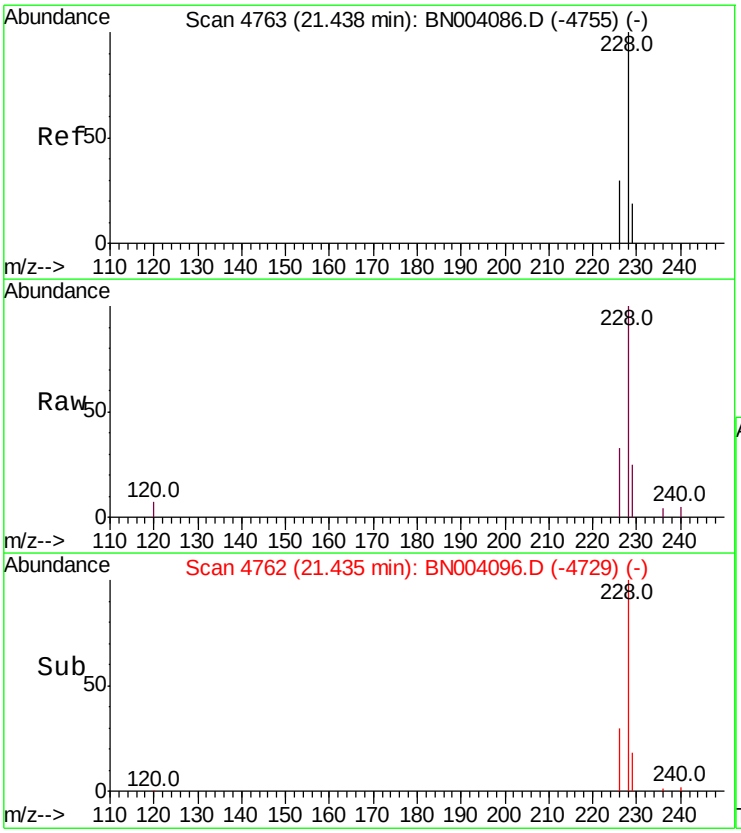
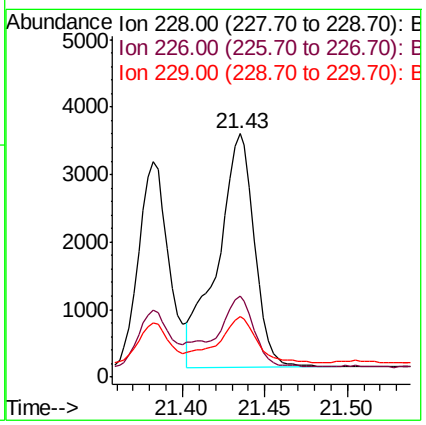
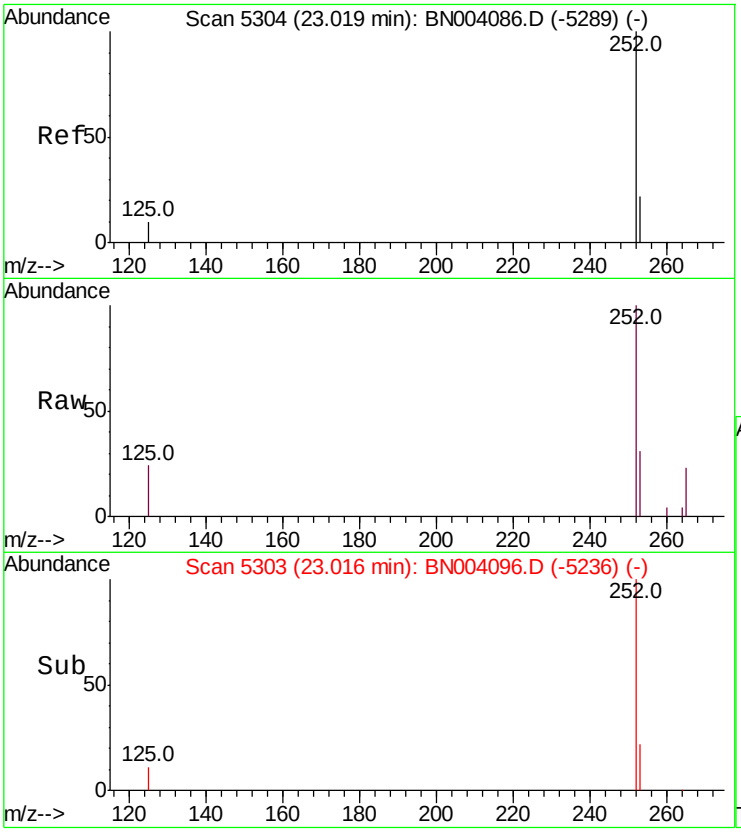


#19
Chrysene
Concen: 0.096 ng/ul
RT: 21.43 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:228 Resp: 5389

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.0	36.0
229	24.7	15.7	23.5#





#21
Benzo(b)fluoranthene
Concen: 0.126 ng/ul m
RT: 23.02 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:252 Resp: 7164

Ion	Ratio	Lower	Upper
252	100		
253	30.6	0.0	46.0
125	23.9	0.0	22.4#

Instrument :
BNA_N
ClientSampleId :
F9E32

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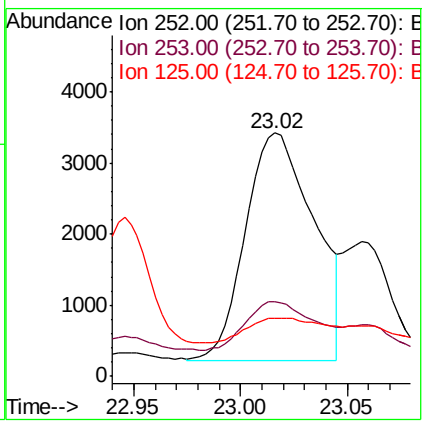
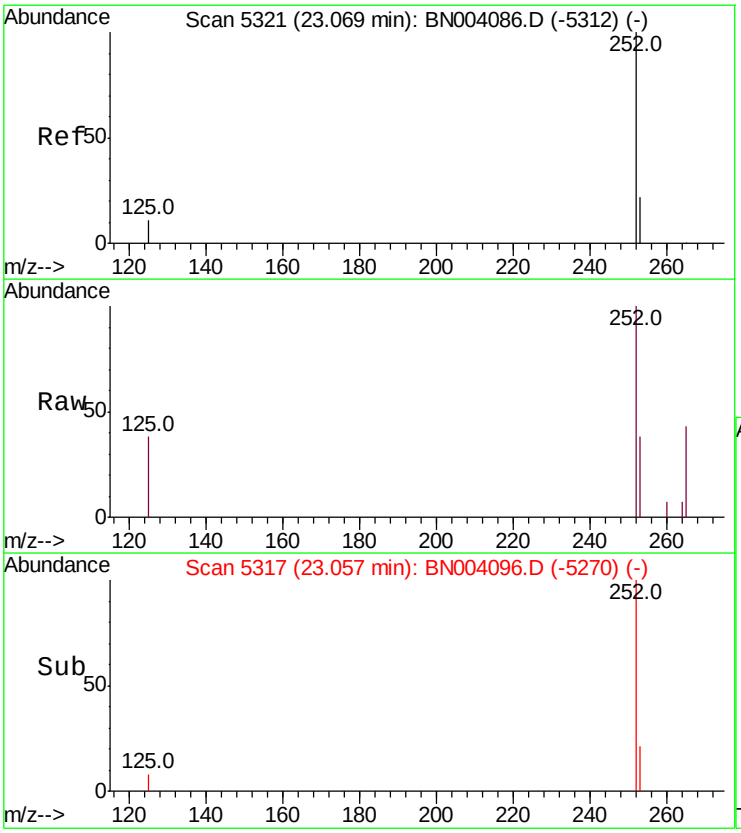
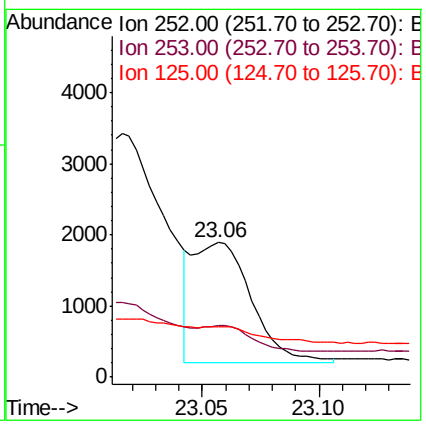


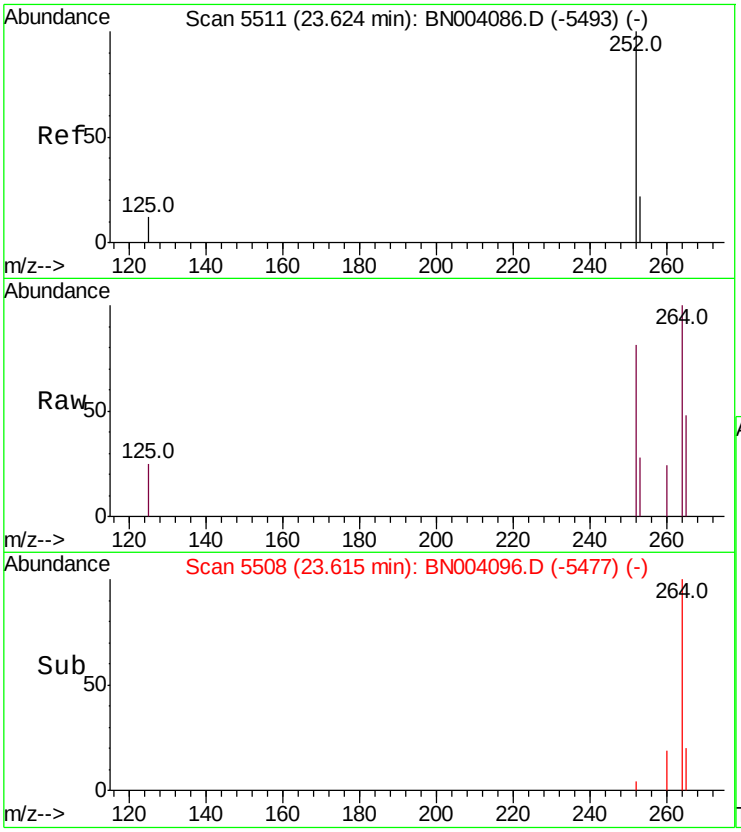


#22
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.01 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:252 Resp: 2942

Ion	Ratio	Lower	Upper
252	100		
253	38.4	18.5	27.7#
125	37.6	9.0	13.6#





#23
Benzo(a)pyrene
Concen: 0.077 ng/ul
RT: 23.62 min Scan# 5508
Delta R.T. -0.01 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:252 Resp: 3800

Ion	Ratio	Lower	Upper
252	100		
253	34.3	19.0	28.4#
125	31.0	10.2	15.4#

Instrument :
BNA_N
ClientSampleId :
F9E32

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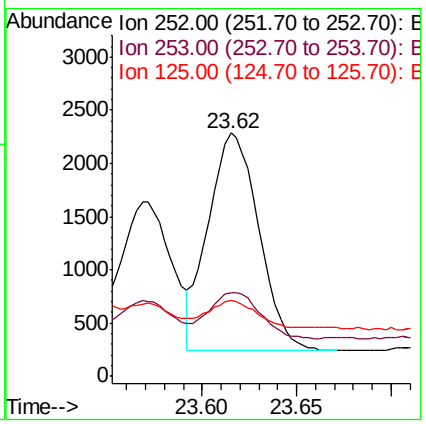
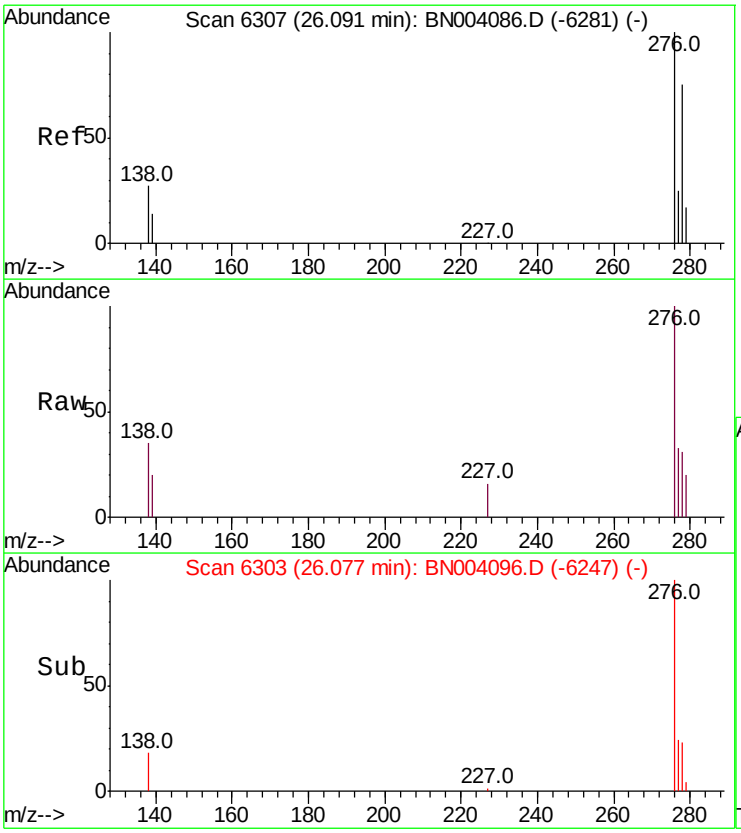
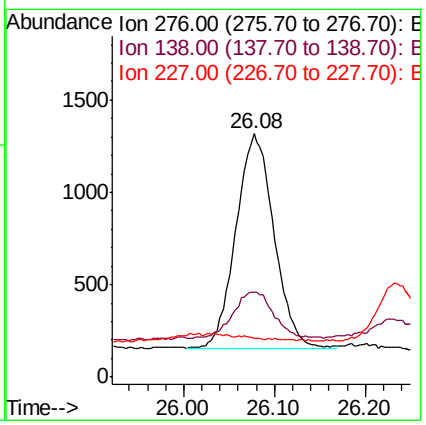


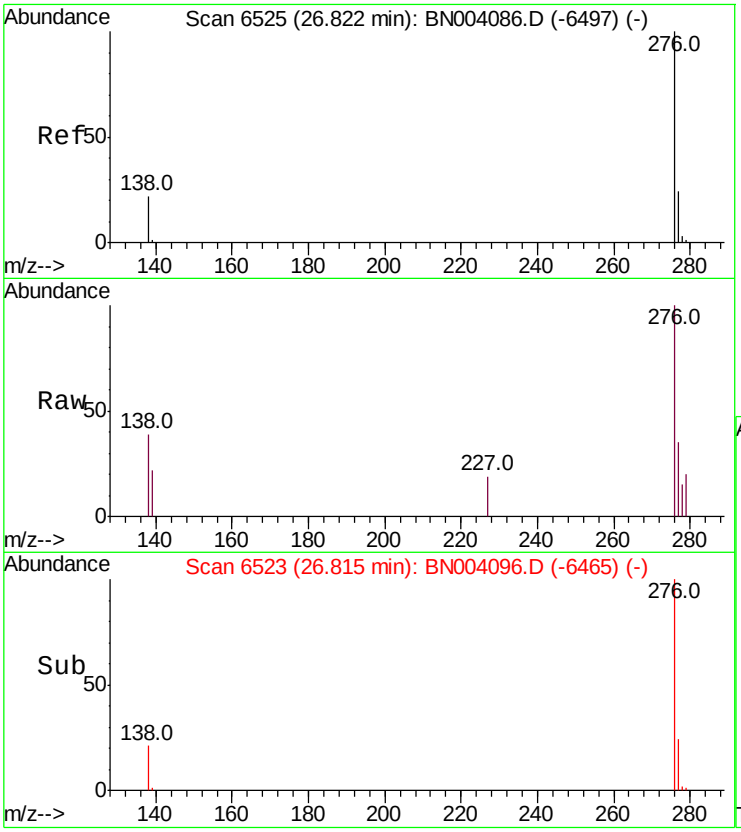


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:276 Resp: 3386

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.3	30.5
227	0.0	0.2	0.2#

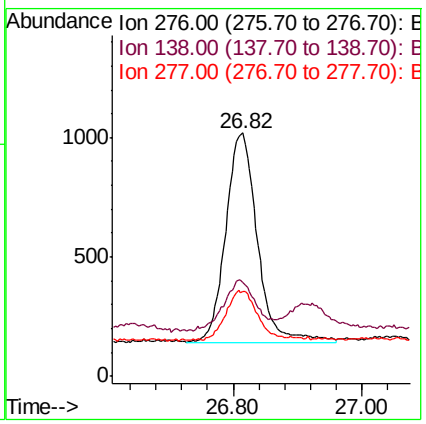




#26
Benzo(g,h,i)perylene
Concen: 0.061 ng/ul
RT: 26.82 min Scan# 6523
Delta R.T. -0.01 min
Lab File: BN004096.D
Acq: 19 Dec 2018 02:39

Tgt Ion:276 Resp: 2972

Ion	Ratio	Lower	Upper
276	100		
138	38.6	17.7	26.5#
277	34.6	19.3	28.9#



Instrument :
BNA_N
ClientSampleId :
F9E32

Manual Integrations APPROVED
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