Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003801.D
Acq On : 11 Dec 2018 04:49
Operator : JU/SJ
Sample : J6077-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y02

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:35 PM

Quant Time: Dec 11 08:21:02 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5346	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	20841	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	10032	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	18793m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14409m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	15409m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	7342	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	12016m	0.22	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.26	178	15721	0.255	ng/ul	98
13) Anthracene	17.35	178	1913m	0.038	ng/ul	
15) Fluoranthene	19.27	202	38257m	0.525	ng/ul	
17) Pyrene	19.64	202	32408	0.627	ng/ul	99
18) Benzo(a)anthracene	21.38	228	12824m	0.282	ng/ul	
19) Chrysene	21.43	228	16889m	0.324	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	25195m	0.395	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	8828m	0.142	ng/ul	
23) Benzo(a)pyrene	23.62	252	12517m	0.227	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.06	276	13777m	0.218	ng/ul	
25) Dibenzo(a,h)anthracene	26.07	278	3274m	0.064	ng/ul	
26) Benzo(g,h,i)perylene	26.79	276	11927m	0.217	ng/ul	

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

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Instrument :
BNA_N
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Manual Integrations APPROVED
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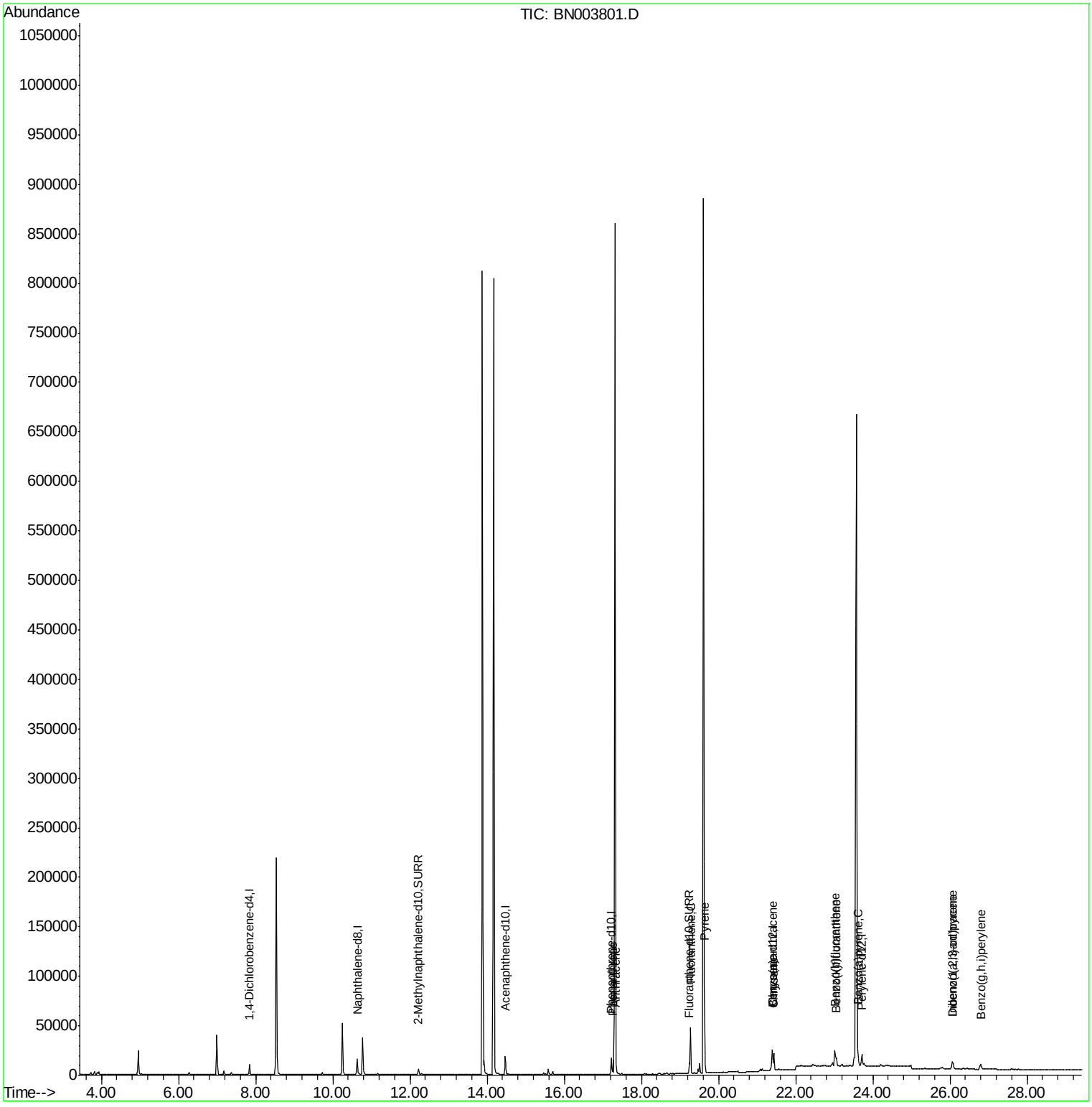
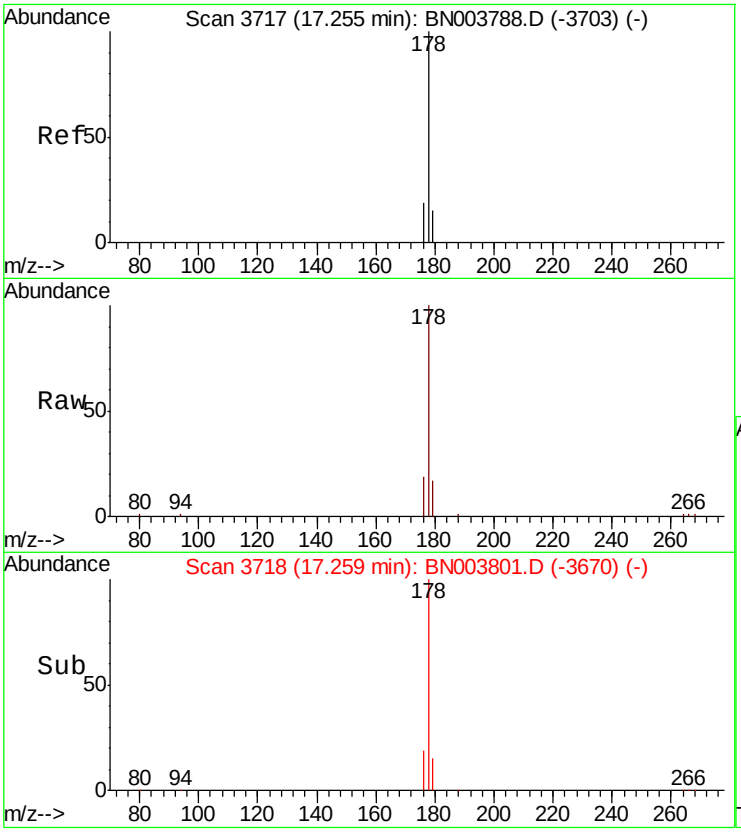
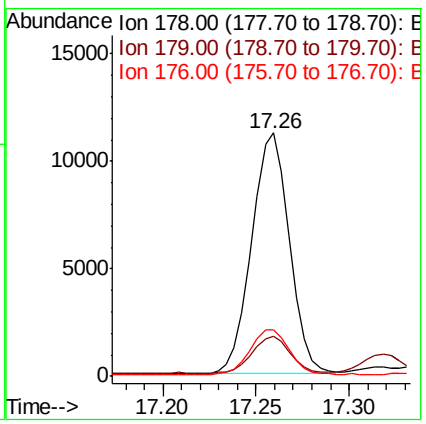




#12
Phenanthrene
Concen: 0.255 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:178 Resp: 15721

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	19.3	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
F9Y02

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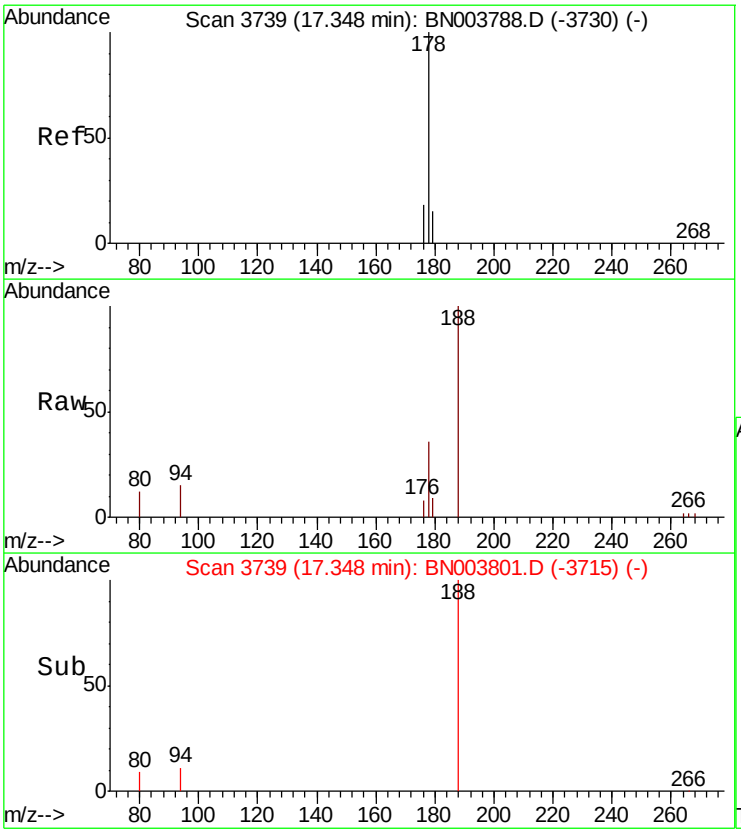
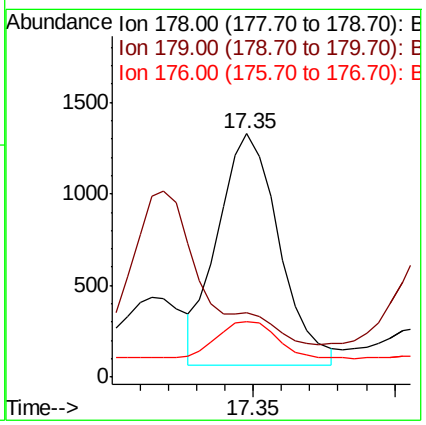
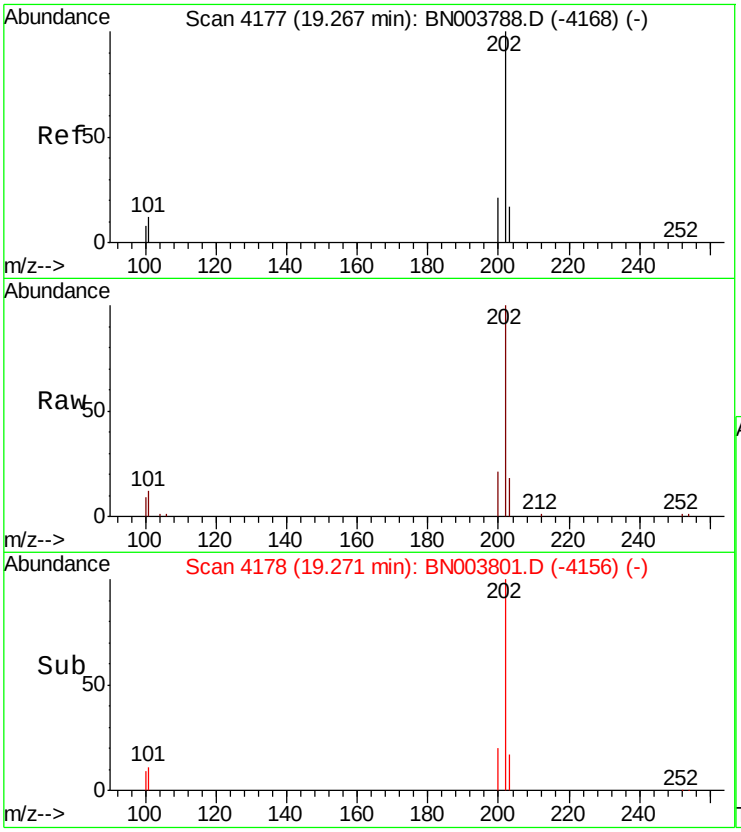


#13
Anthracene
Concen: 0.038 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:178 Resp: 1913

Ion	Ratio	Lower	Upper
178	100		
179	26.3	12.3	18.5#
176	22.9	14.8	22.2#

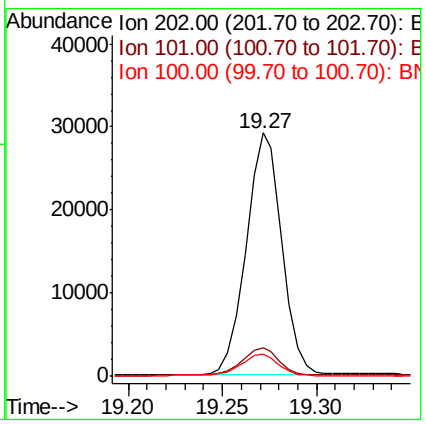




#15
Fluoranthene
Concen: 0.525 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:202 Resp: 38257

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.7
100	9.3	0.0	28.1



Instrument :
BNA_N
ClientSampleId :
F9Y02

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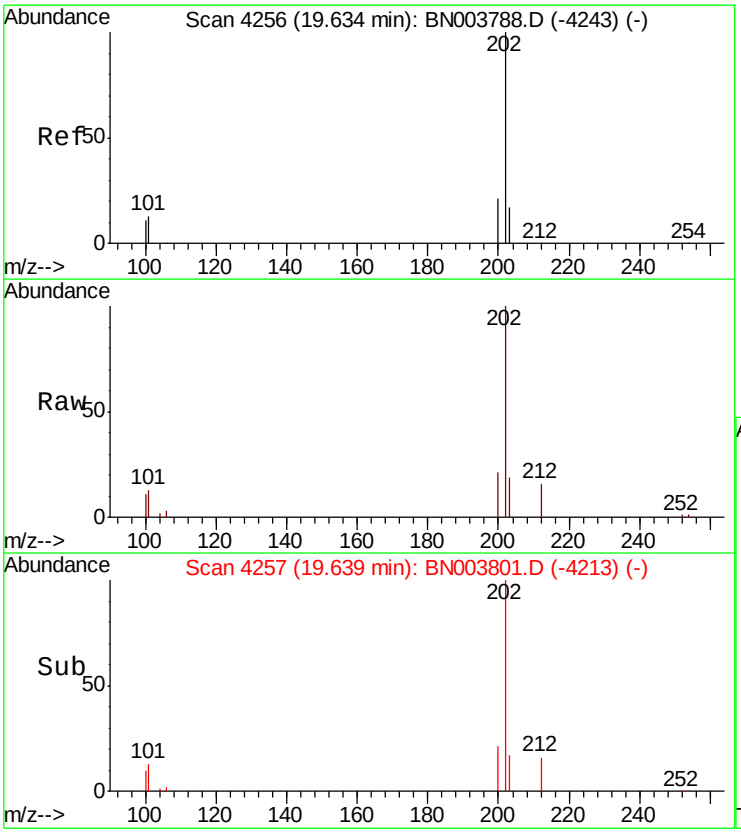
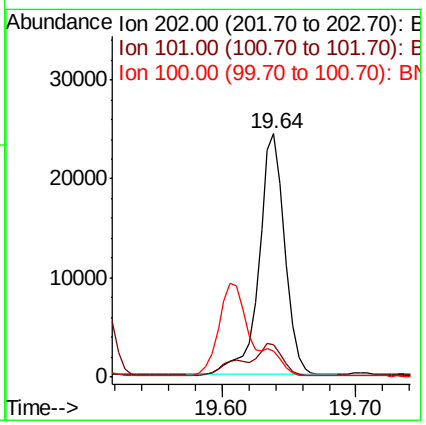
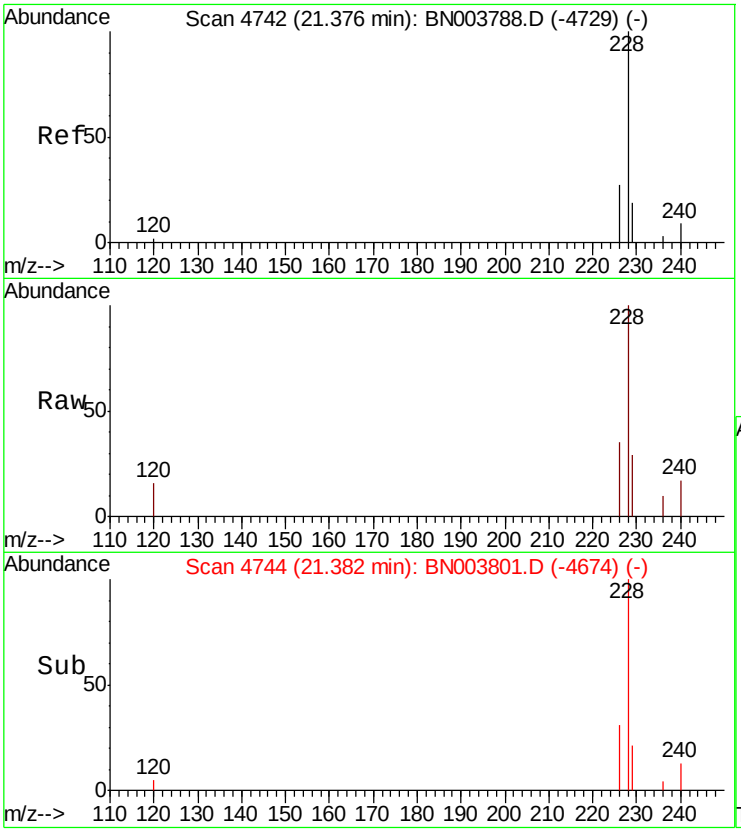


#17
Pyrene
Concen: 0.627 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:202 Resp: 32408

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.3	15.5
100	10.7	8.5	12.7





#18
Benzo(a)anthracene
Concen: 0.282 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. 0.01 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:228 Resp: 12824

Ion	Ratio	Lower	Upper
228	100		
229	29.5	15.6	23.4#
226	35.2	21.1	31.7#

Instrument :
BNA_N
ClientSampleId :
F9Y02

Manual Integrations APPROVED
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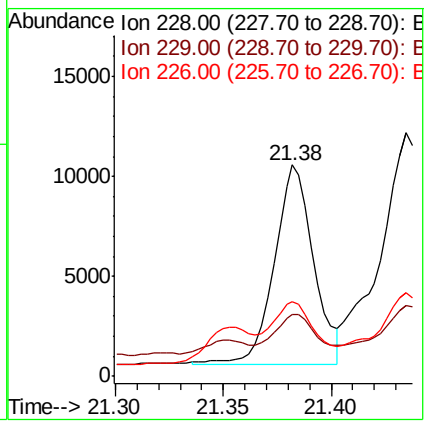
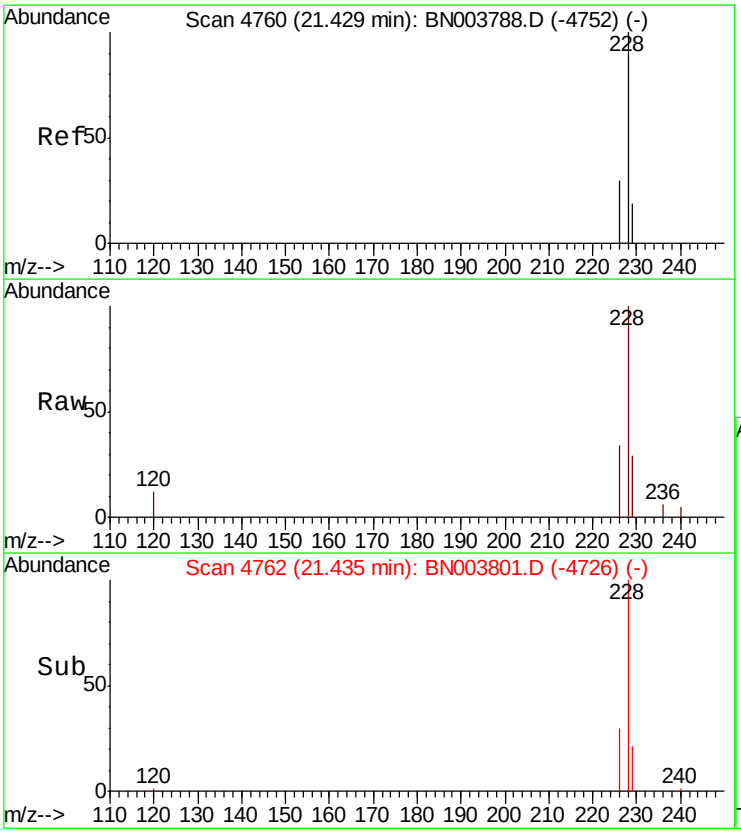
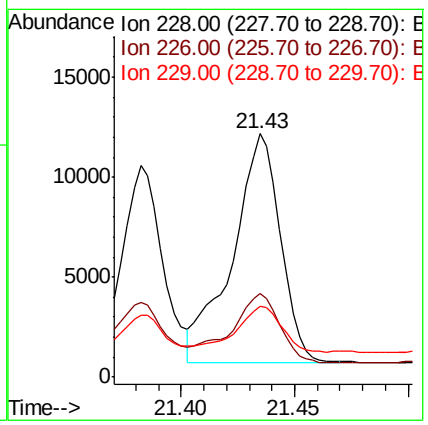


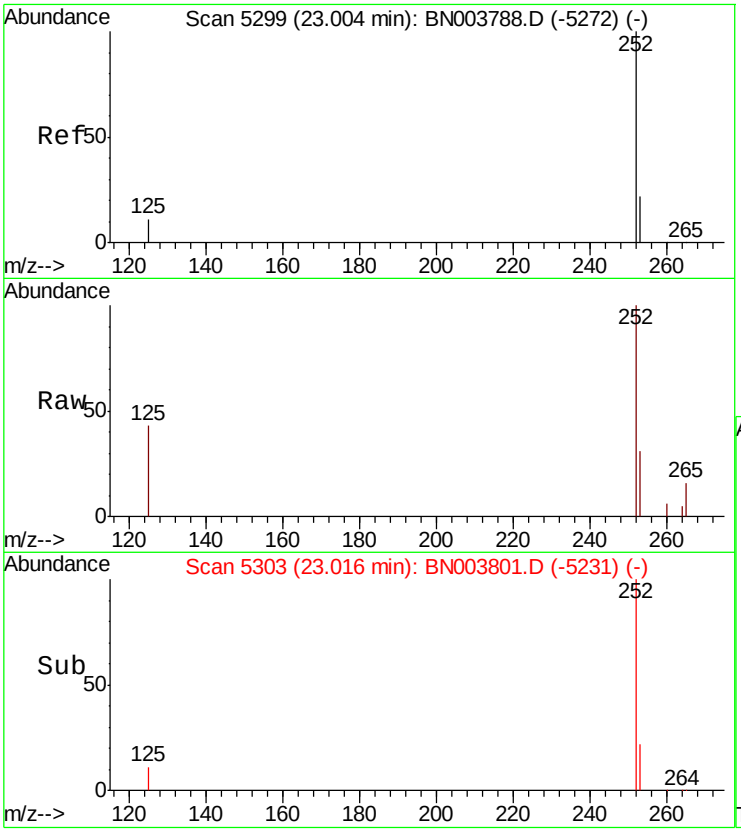


#19
Chrysene
Concen: 0.324 ng/ul m
RT: 21.43 min Scan# 4762
Delta R.T. 0.01 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:228 Resp: 16889

Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.0	36.0
229	29.3	15.7	23.5#





#21
Benzo(b)fluoranthene
Concen: 0.395 ng/ul m
RT: 23.02 min Scan# 5303
Delta R.T. 0.01 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:252 Resp: 25195

Ion	Ratio	Lower	Upper
252	100		
253	31.1	0.0	46.0
125	42.6	0.0	22.4#

Instrument :
BNA_N
ClientSampleId :
F9Y02

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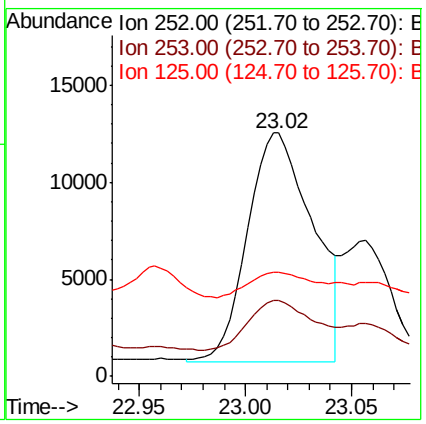
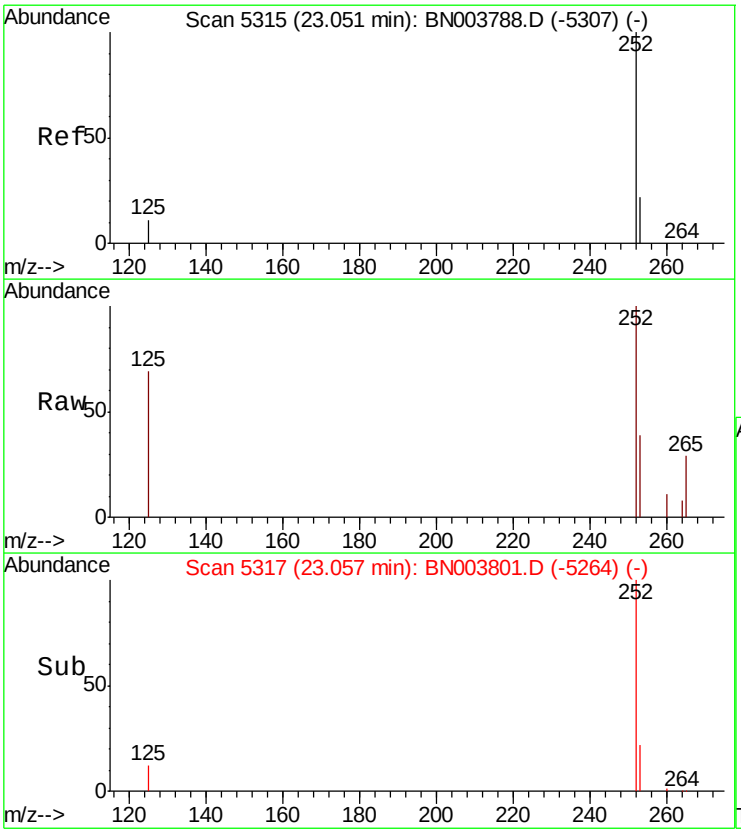
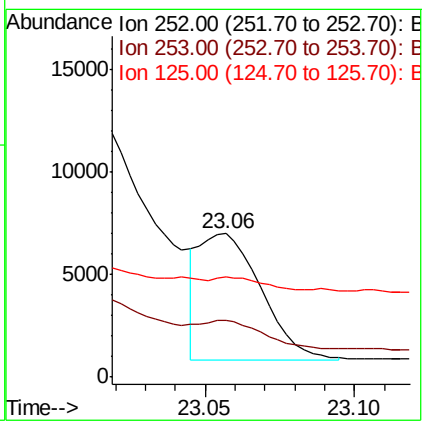


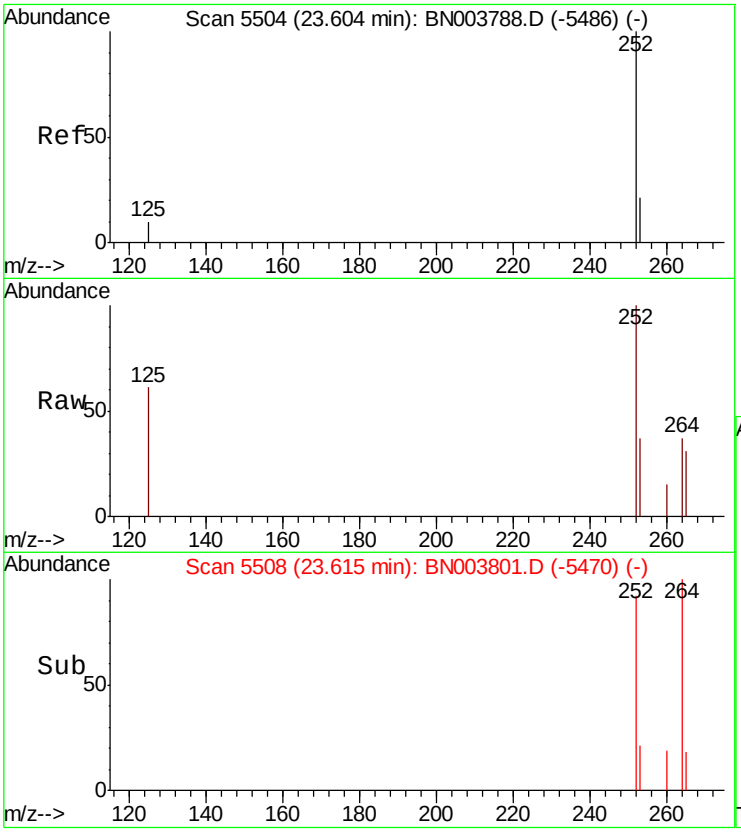


#22
Benzo(k)fluoranthene
Concen: 0.142 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. 0.01 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:252 Resp: 8828

Ion	Ratio	Lower	Upper
252	100		
253	39.2	18.5	27.7#
125	69.4	9.0	13.6#





#23
Benzo(a)pyrene
Concen: 0.227 ng/ul m
RT: 23.62 min Scan# 5508
Delta R.T. 0.01 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:252 Resp: 12517

Ion	Ratio	Lower	Upper
252	100		
253	36.5	19.0	28.4#
125	61.2	10.2	15.4#

Instrument :
BNA_N
ClientSampleId :
F9Y02

Manual Integrations APPROVED
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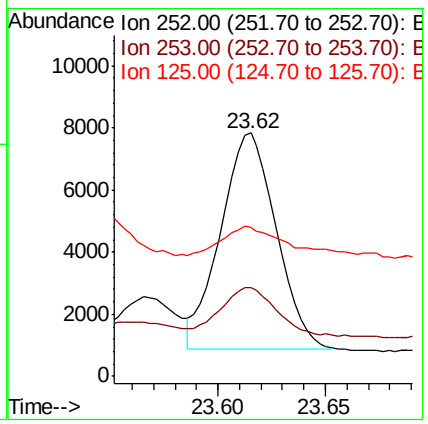
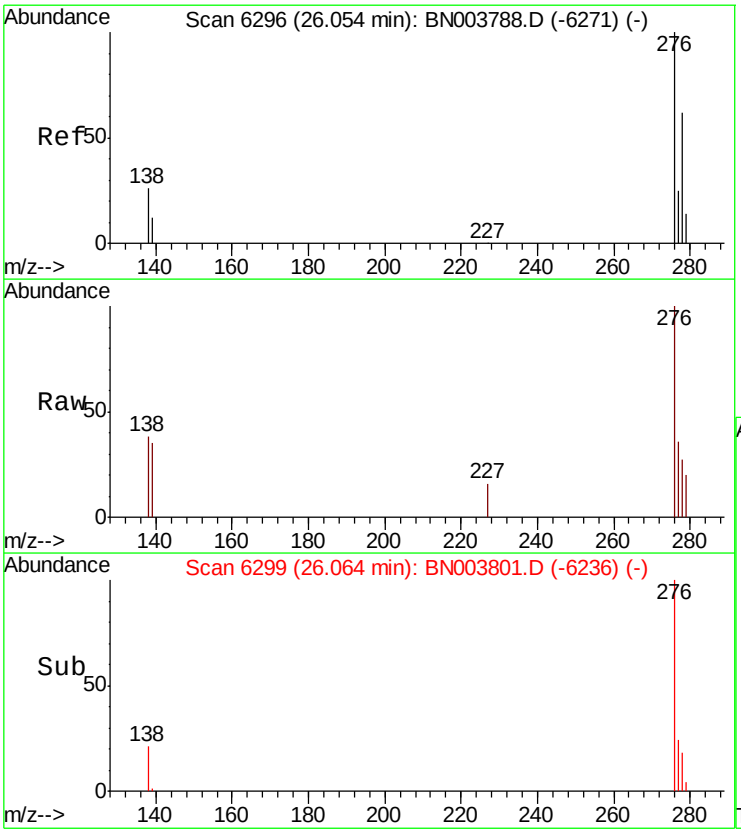
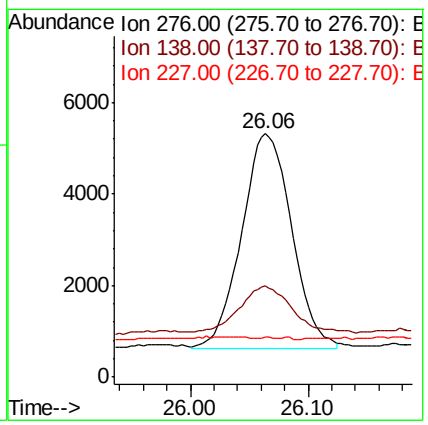


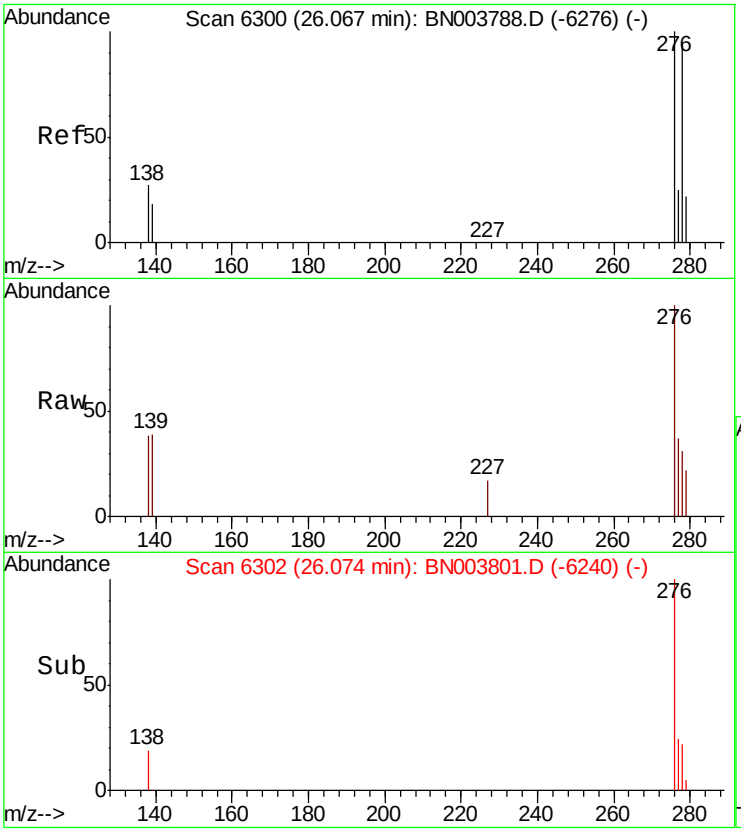


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.218 ng/ul m
RT: 26.06 min Scan# 6299
Delta R.T. 0.01 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:276 Resp: 13777

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





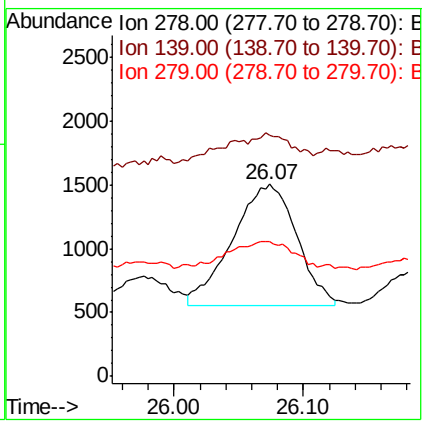
#25
Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul m
RT: 26.07 min Scan# 6302
Delta R.T. 0.01 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

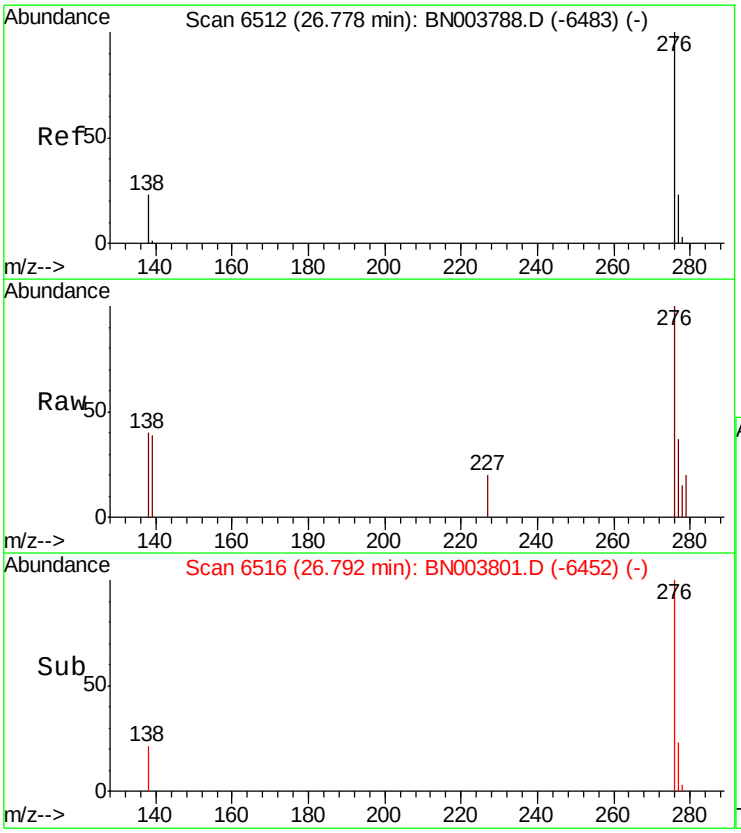
Tgt Ion:278 Resp: 3274

Ion	Ratio	Lower	Upper
278	100		
139	125.7	14.2	21.4#
279	70.4	19.8	29.6#

Instrument :
BNA_N
ClientSampleId :
F9Y02

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:35 PM





#26
Benzo(g,h,i)perylene
Concen: 0.217 ng/ul m
RT: 26.79 min Scan# 6516
Delta R.T. 0.01 min
Lab File: BN003801.D
Acq: 11 Dec 2018 04:49

Tgt Ion:276 Resp: 11927

Ion	Ratio	Lower	Upper
276	100		
138	40.4	17.7	26.5#
277	37.4	19.3	28.9#