Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
Data File : BN003771.D
Acq On : 07 Dec 2018 17:54
Operator : JU/SJ
Sample : J6228-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E53

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:23 AM

Quant Time: Dec 08 00:52:52 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 : Sat Dec 08 00:32:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4945	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	20344	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11104	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	23915m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	20001m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	15023m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6531	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	14370m	0.21	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.25	178	15308	0.195	ng/ul	99
13) Anthracene	17.34	178	2229m	0.035	ng/ul	
15) Fluoranthene	19.27	202	18221m	0.197	ng/ul	
17) Pyrene	19.63	202	18914m	0.264	ng/ul	
18) Benzo(a)anthracene	21.38	228	5720	0.091	ng/ul	95
19) Chrysene	21.43	228	10150	0.140	ng/ul	98
21) Benzo(b)fluoranthene	23.01	252	8644m	0.139	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	2832m	0.047	ng/ul	
23) Benzo(a)pyrene	23.61	252	4535	0.084	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	26.06	276	3116	0.050	ng/ul#	98
26) Benzo(g,h,i)perylene	26.79	276	3346	0.062	ng/ul#	89

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

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Manual Integrations APPROVED
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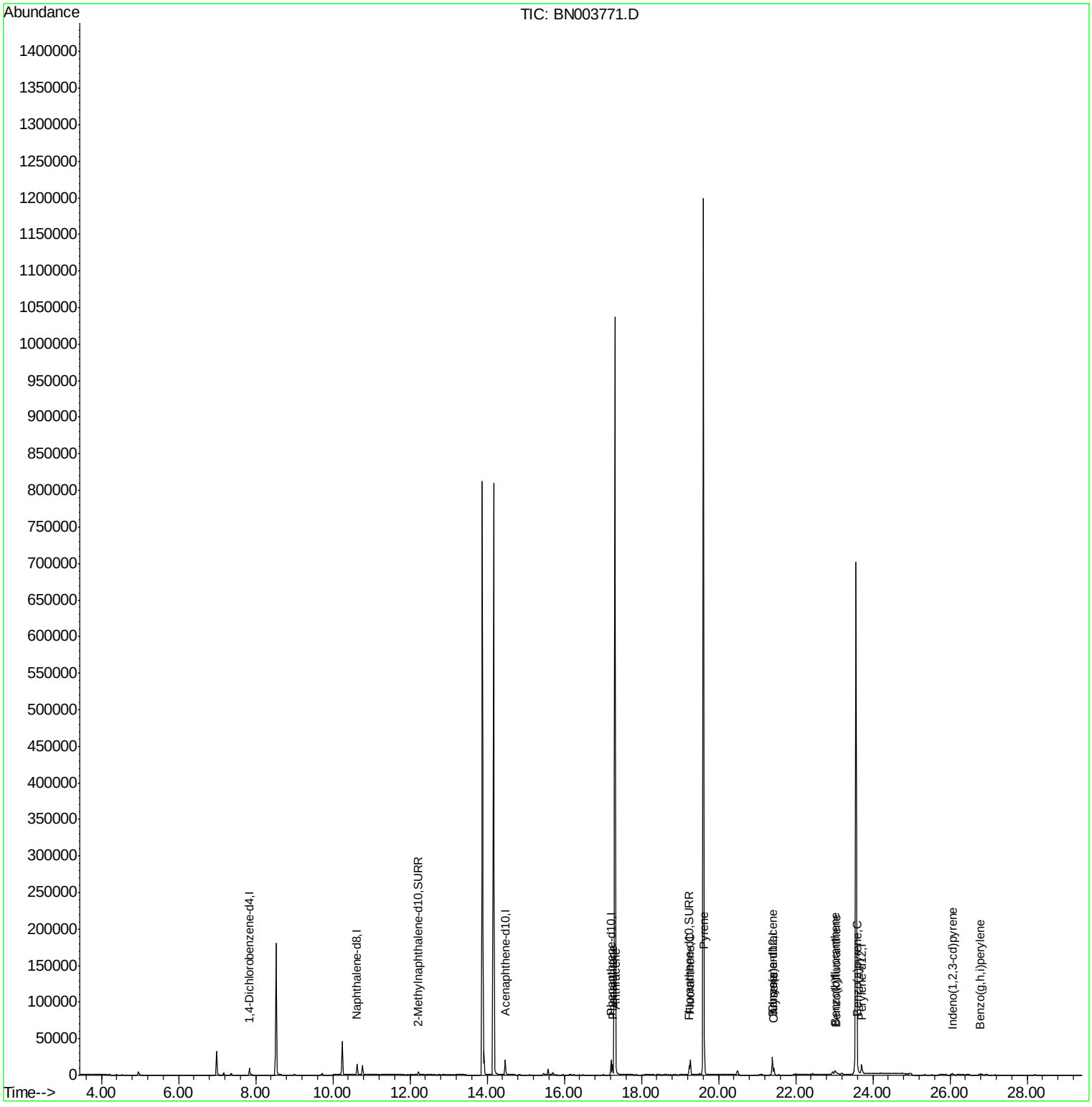
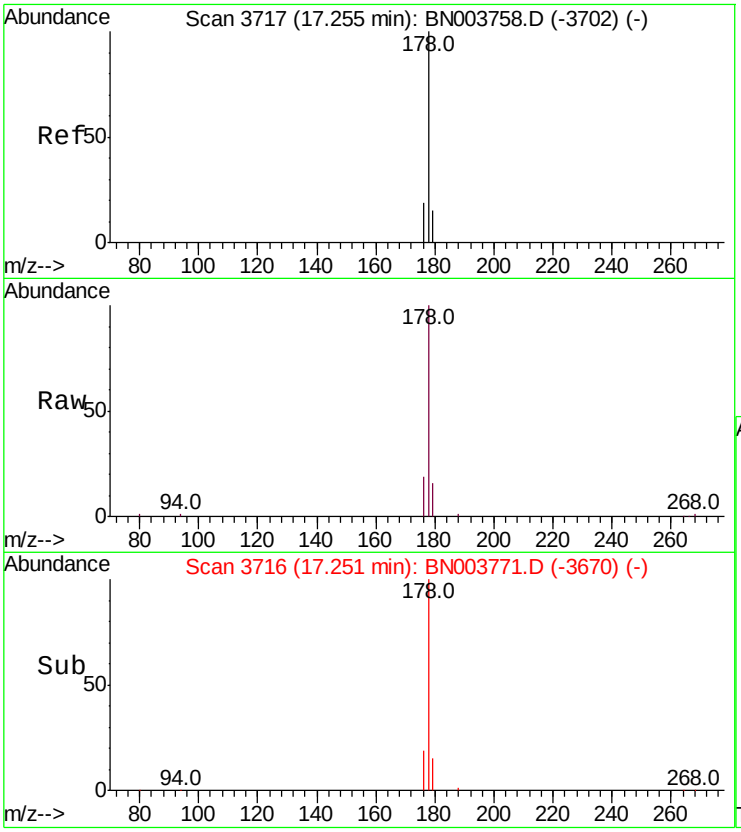
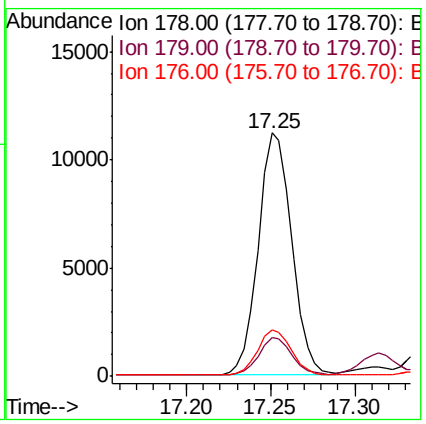




#12
Phenanthrene
Concen: 0.195 ng/ul
RT: 17.25 min Scan# 3716
Delta R.T. -0.00 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:178 Resp: 15308

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	19.3	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
F9E53

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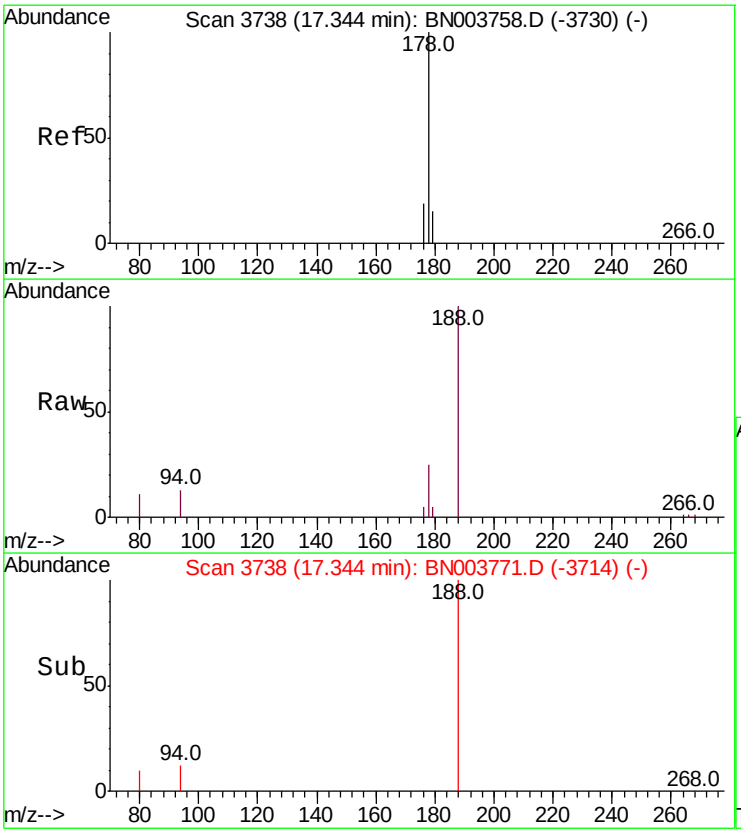
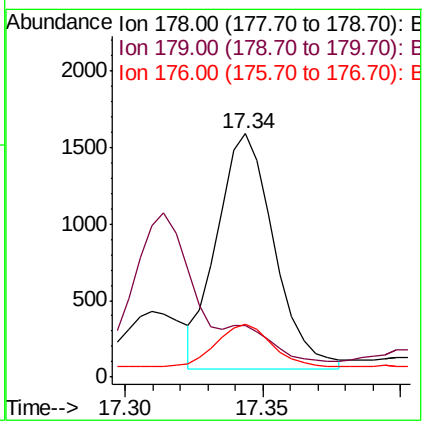
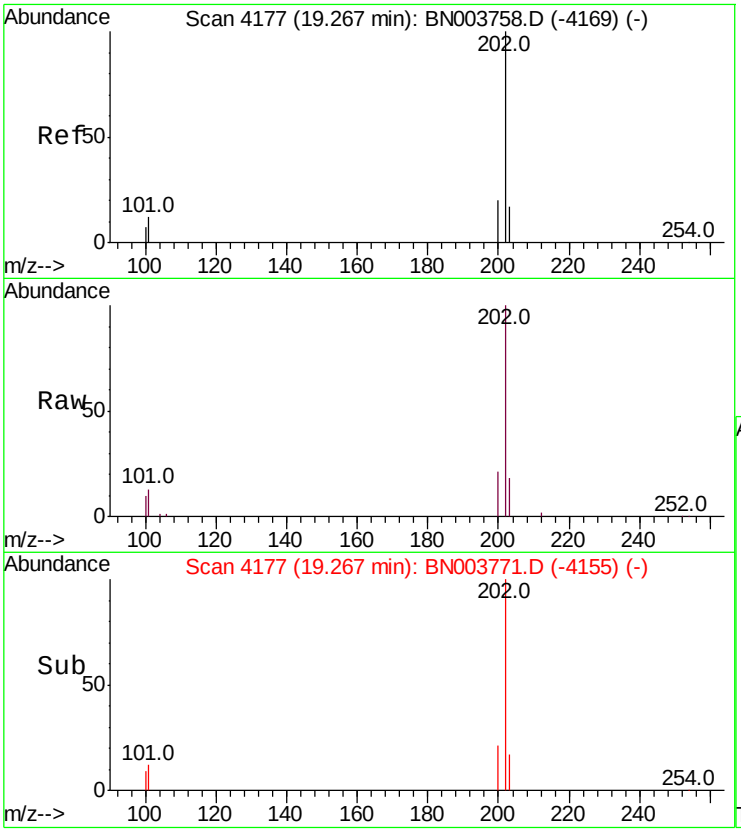


#13
Anthracene
Concen: 0.035 ng/ul m
RT: 17.34 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:178 Resp: 2229

Ion	Ratio	Lower	Upper
178	100		
179	20.9	12.3	18.5#
176	21.5	14.8	22.2

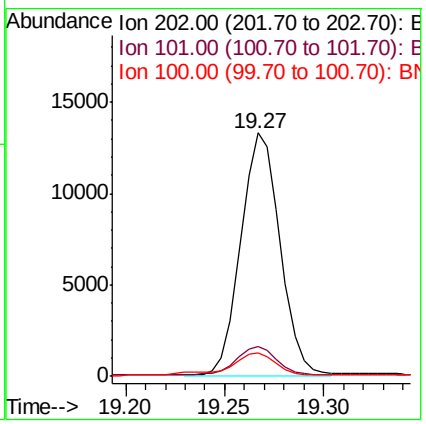




#15
Fluoranthene
Concen: 0.197 ng/ul m
RT: 19.27 min Scan# 4177
Delta R.T. -0.00 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:202 Resp: 18221

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.7
100	9.5	0.0	28.1



Instrument :
BNA_N
ClientSampleId :
F9E53

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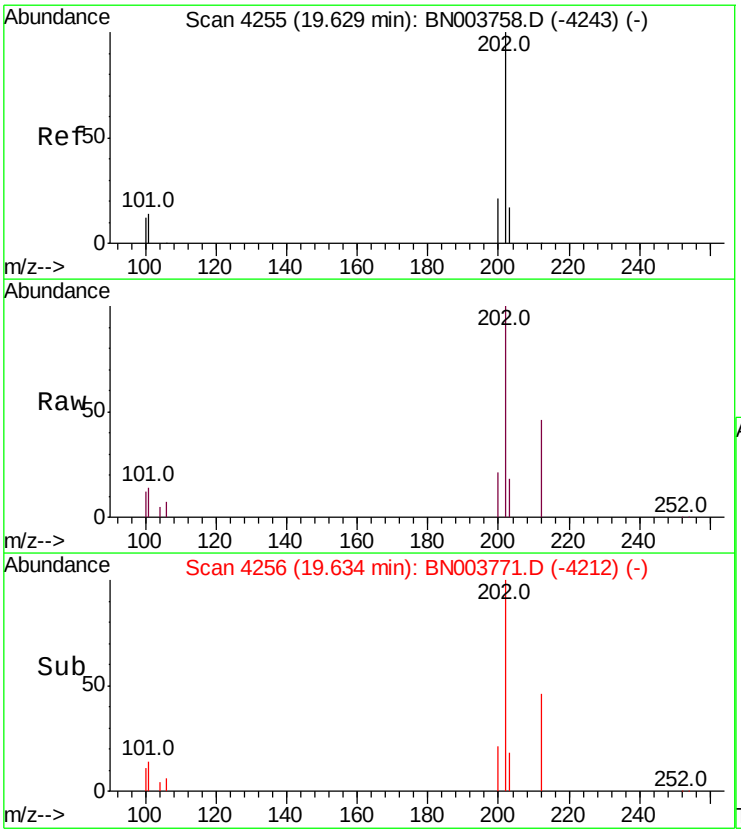
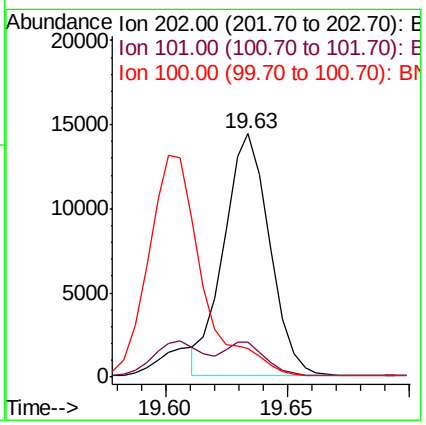
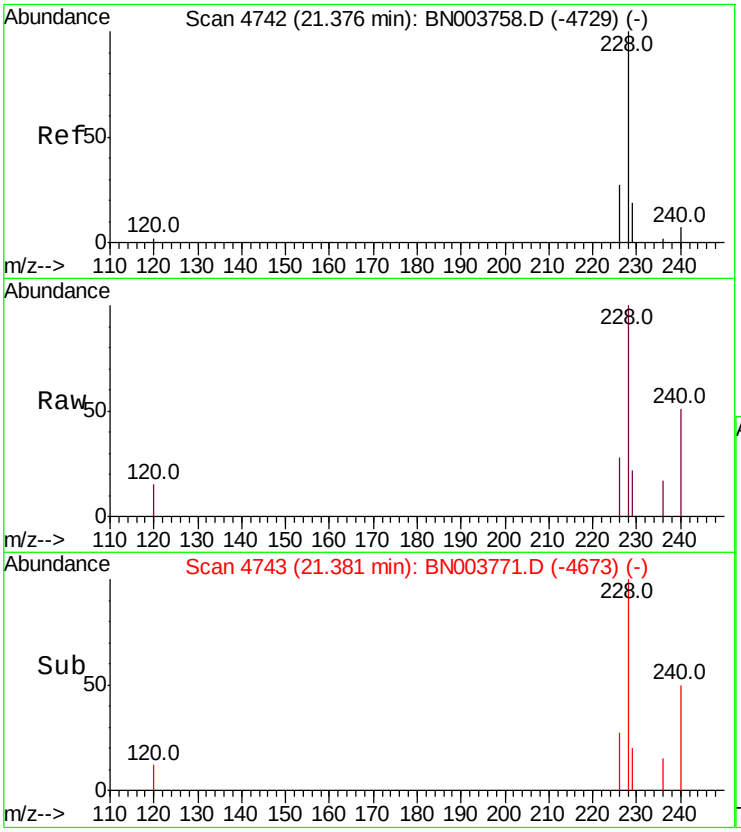


#17
Pyrene
Concen: 0.264 ng/ul m
RT: 19.63 min Scan# 4256
Delta R.T. 0.00 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:202 Resp: 18914

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.3	15.5
100	11.5	8.5	12.7

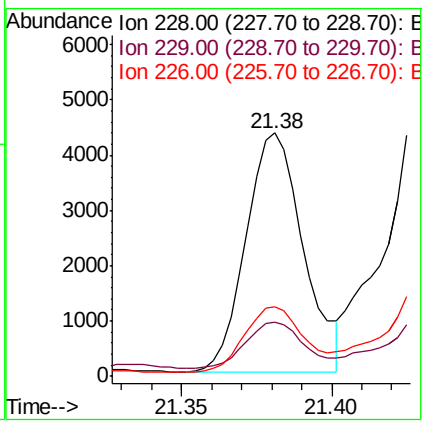




#18
Benzo(a)anthracene
Concen: 0.091 ng/ul
RT: 21.38 min Scan# 4743
Delta R.T. 0.00 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:228 Resp: 5720

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.6	23.4
226	28.4	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
F9E53

Manual Integrations APPROVED
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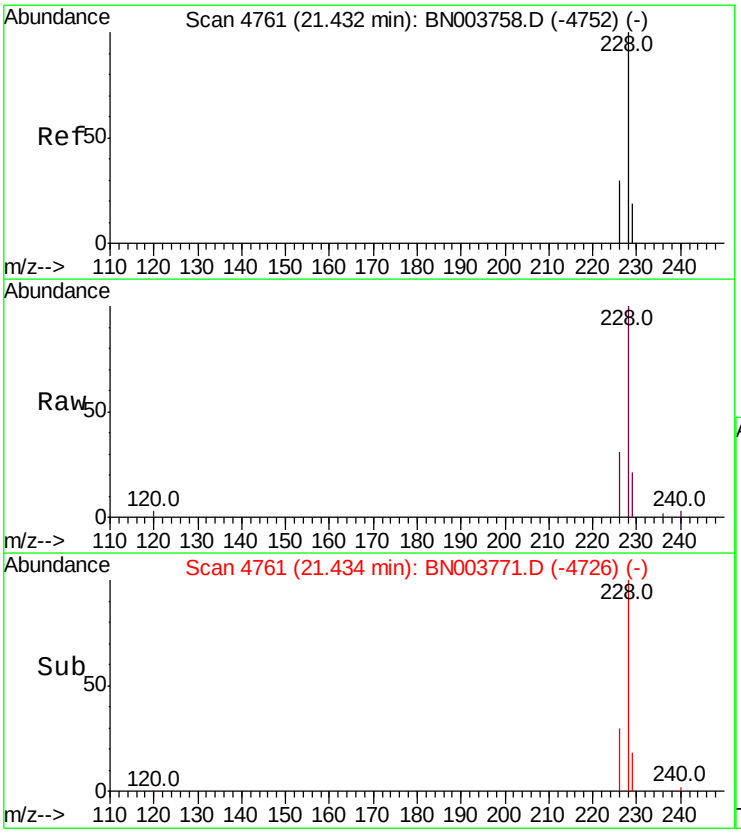
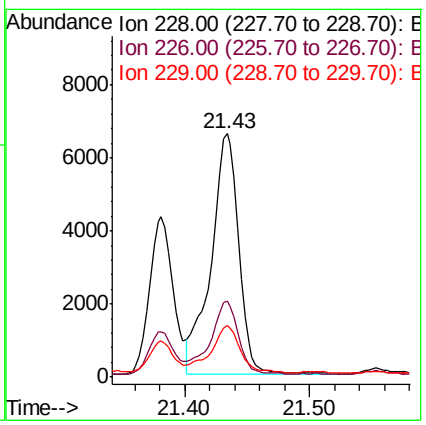
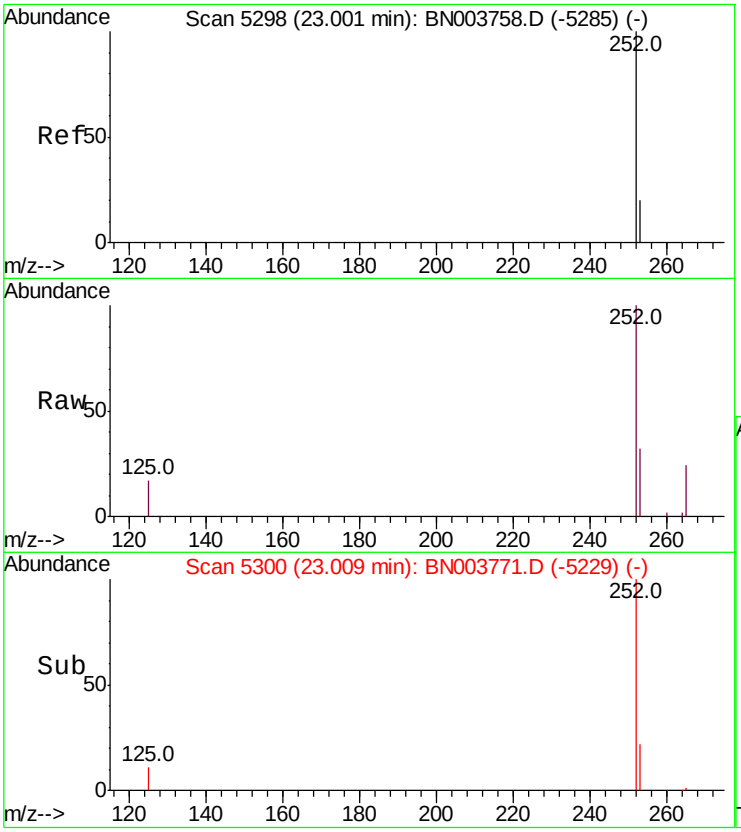


#19
Chrysene
Concen: 0.140 ng/ul
RT: 21.43 min Scan# 4761
Delta R.T. 0.00 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:228 Resp: 10150

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	21.0	15.7	23.5

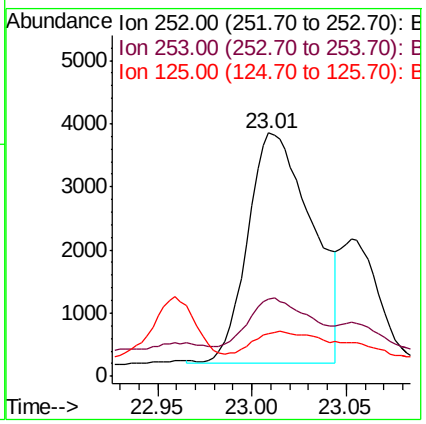




#21
Benzo(b)fluoranthene
Concen: 0.139 ng/ul m
RT: 23.01 min Scan# 5300
Delta R.T. 0.01 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:252 Resp: 8644

Ion	Ratio	Lower	Upper
252	100		
253	31.6	0.0	46.0
125	17.3	0.0	22.4



Instrument :
BNA_N
ClientSampleId :
F9E53

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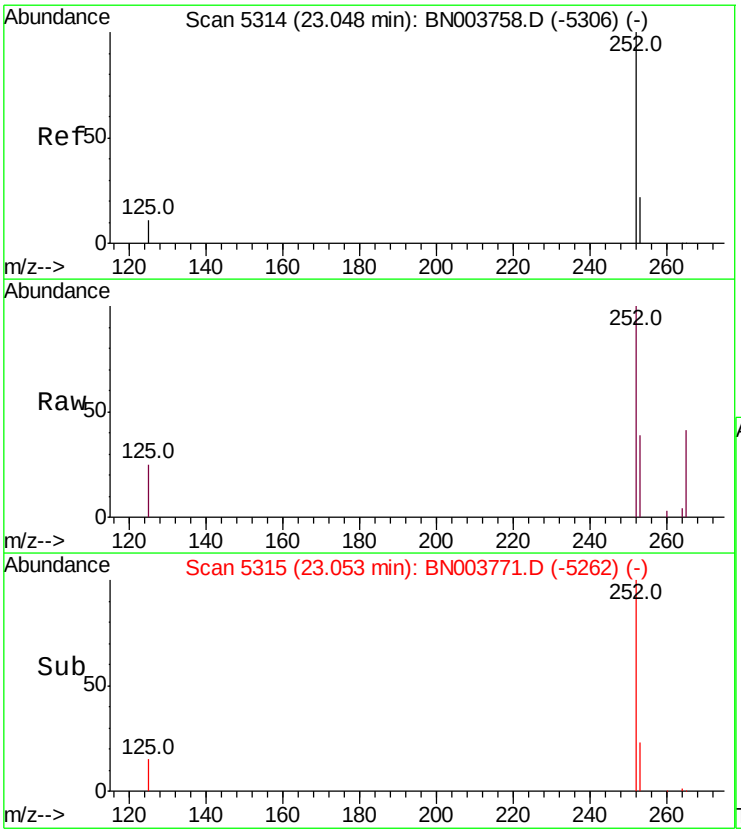
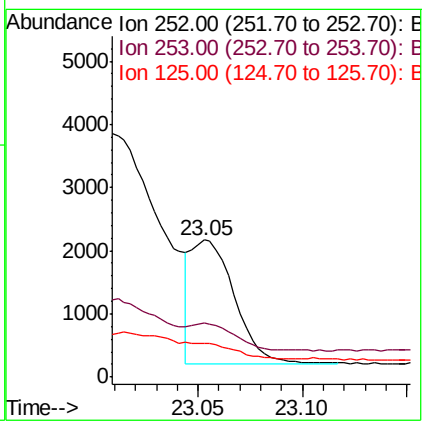
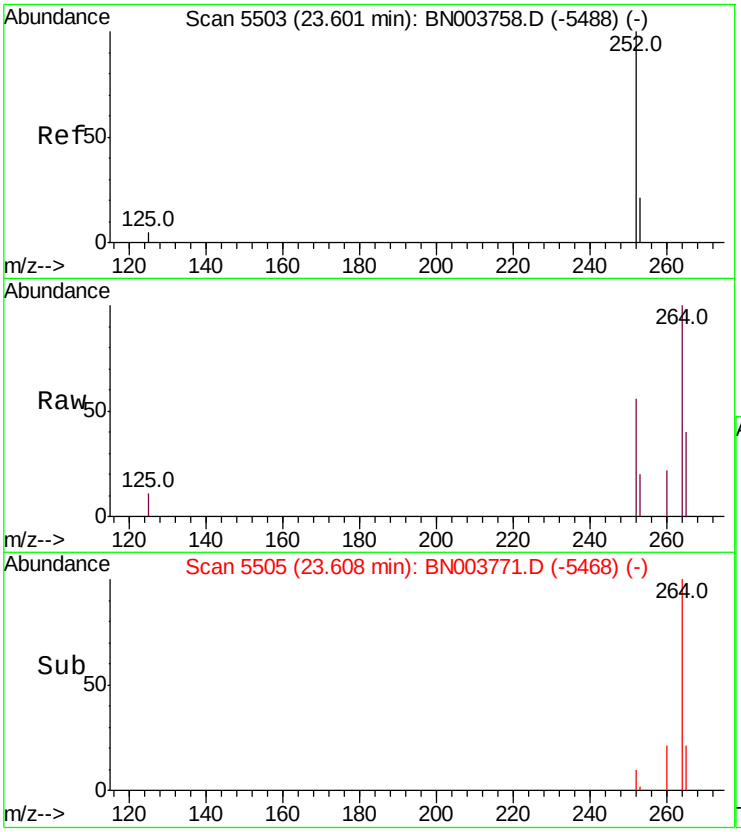


#22
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 23.05 min Scan# 5315
Delta R.T. 0.00 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:252 Resp: 2832

Ion	Ratio	Lower	Upper
252	100		
253	39.3	18.5	27.7#
125	24.8	9.0	13.6#





#23
Benzo(a)pyrene
Concen: 0.084 ng/ul
RT: 23.61 min Scan# 5505
Delta R.T. 0.01 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:252 Resp: 4535

Ion	Ratio	Lower	Upper
252	100		
253	36.1	19.0	28.4#
125	20.3	10.2	15.4#

Instrument :
BNA_N
ClientSampleId :
F9E53

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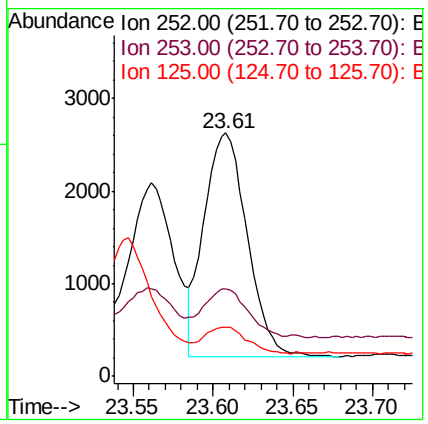
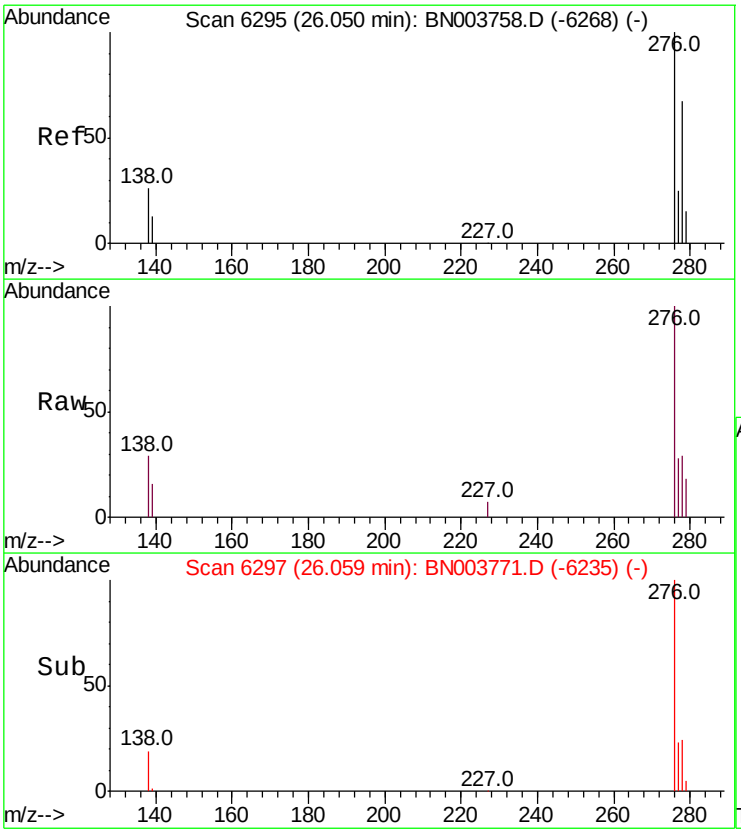
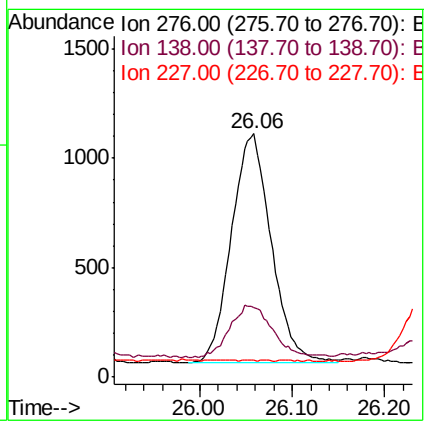


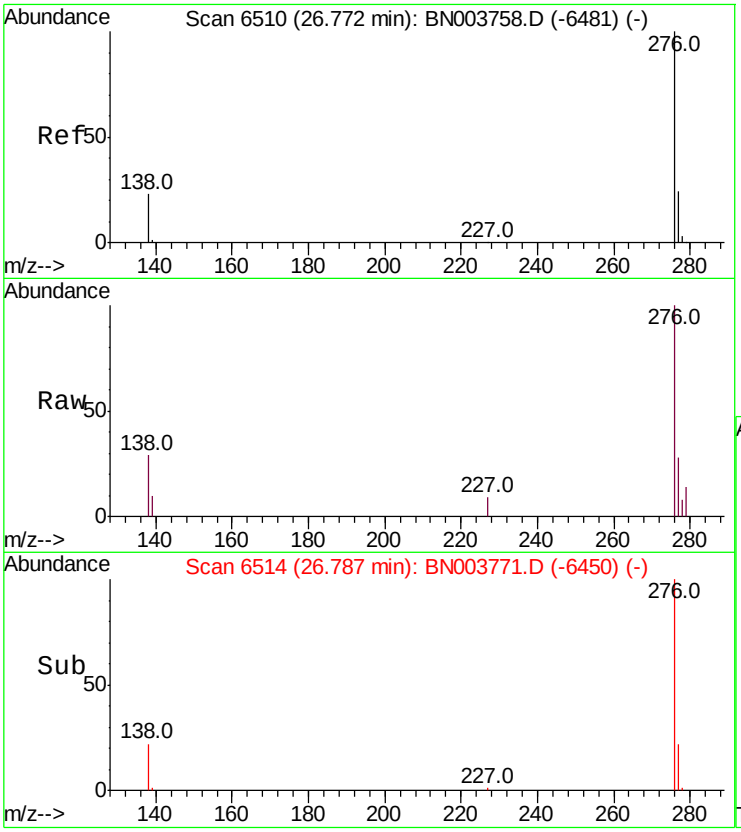


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng/ul
RT: 26.06 min Scan# 6297
Delta R.T. 0.01 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:276 Resp: 3116

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.3	30.5
227	0.0	0.2	0.2#

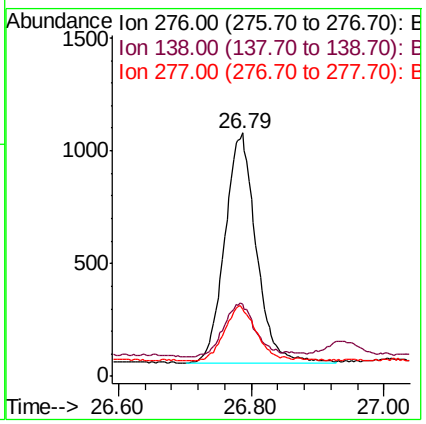




#26
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 26.79 min Scan# 6514
Delta R.T. 0.02 min
Lab File: BN003771.D
Acq: 07 Dec 2018 17:54

Tgt Ion:276 Resp: 3346

Ion	Ratio	Lower	Upper
276	100		
138	29.5	17.7	26.5#
277	27.8	19.3	28.9



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