Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
Data File : BN003829.D
Acq On : 11 Dec 2018 23:39
Operator : JU/SJ
Sample : J6170-19DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M14DL

Manual Integrations APPROVED
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12/12/2018 5:50:39 PM

Quant Time: Dec 12 03:45:42 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 12 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4894	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	18592	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	8467	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	15357	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	11749	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	12910	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1069	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1517	0.03	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.25	178	4995	0.099	ng/ul	97
15) Fluoranthene	19.27	202	16868	0.283	ng/ul	96
17) Pyrene	19.63	202	13957	0.331	ng/ul	95
18) Benzo(a)anthracene	21.38	228	6618	0.178	ng/ul	96
19) Chrysene	21.43	228	8369	0.197	ng/ul	97
21) Benzo(b)fluoranthene	23.01	252	12070m	0.226	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	4603m	0.088	ng/ul	
23) Benzo(a)pyrene	23.60	252	6985	0.151	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.06	276	6441	0.121	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.06	278	1549	0.036	ng/ul#	56
26) Benzo(g,h,i)perylene	26.78	276	5029	0.109	ng/ul#	90

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

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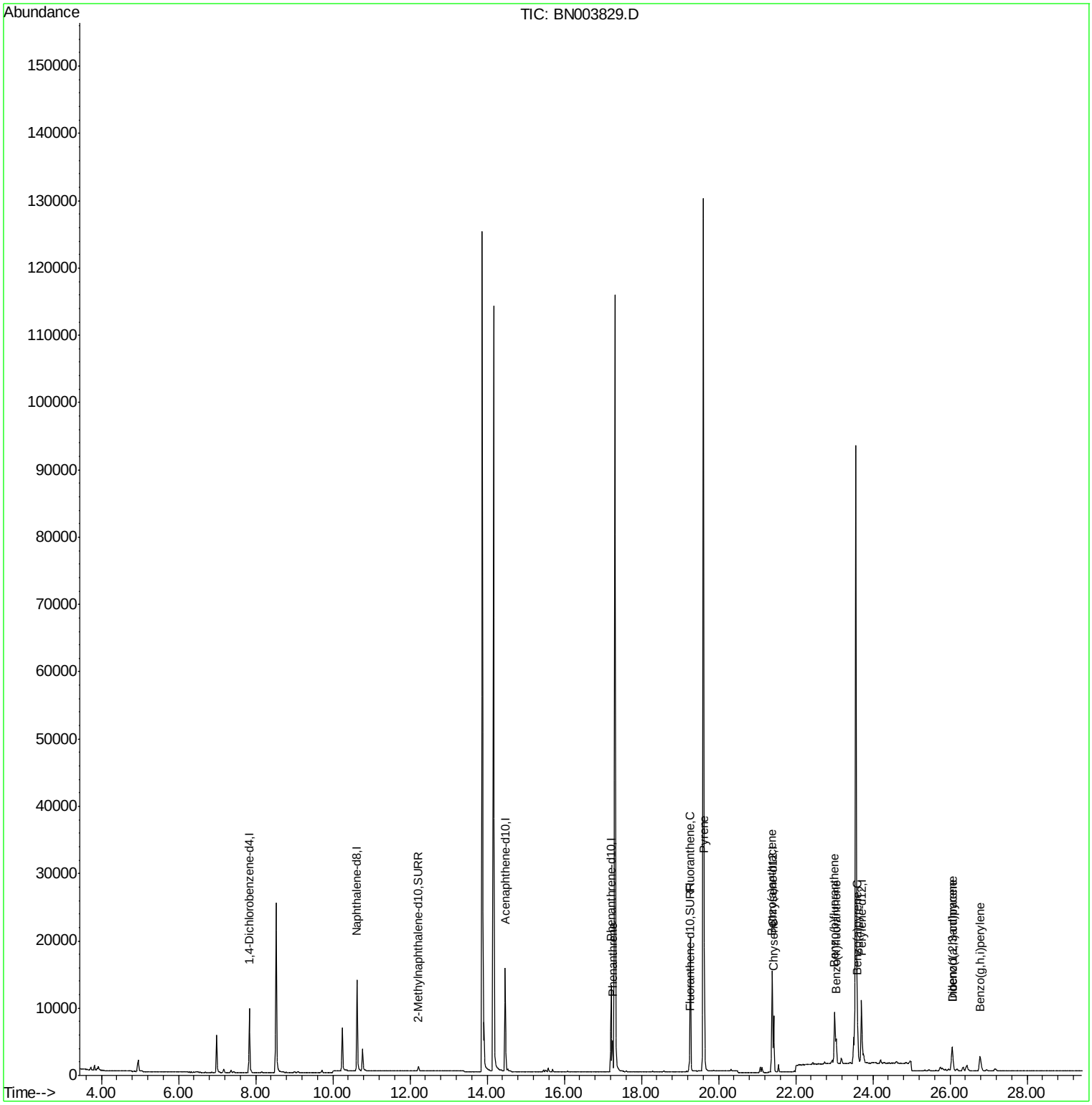
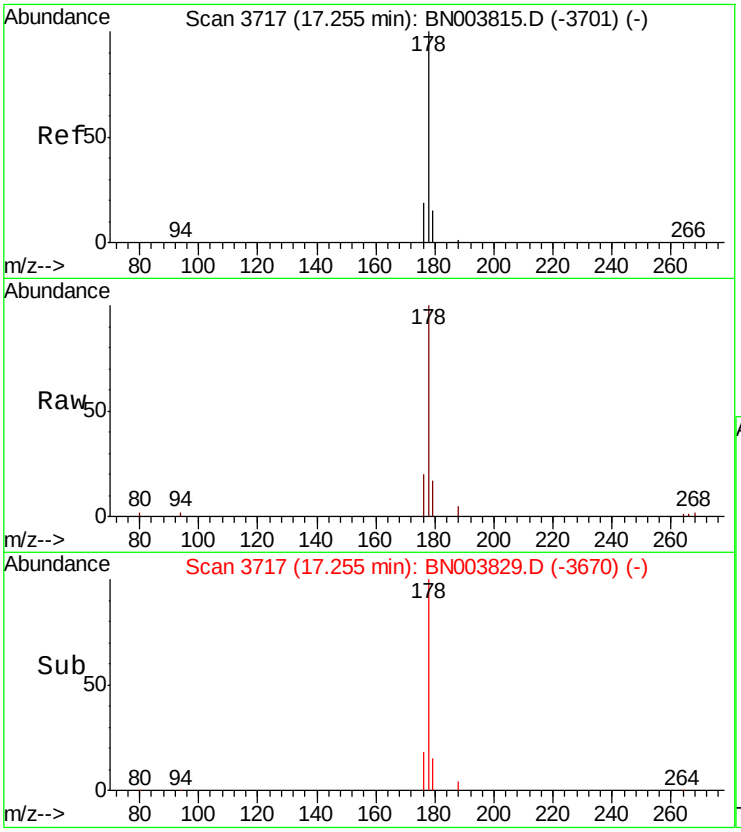
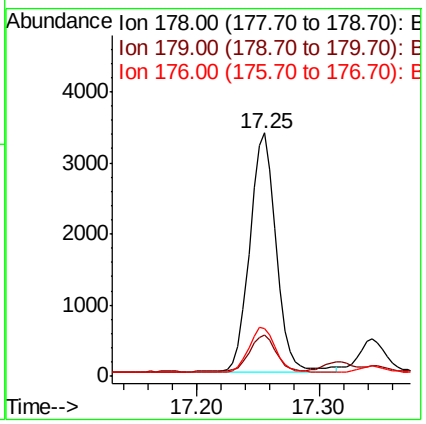




#12
Phenanthrene
Concen: 0.099 ng/ul
RT: 17.25 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:178 Resp: 4995

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.5	18.7
176	19.7	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
F9M14DL

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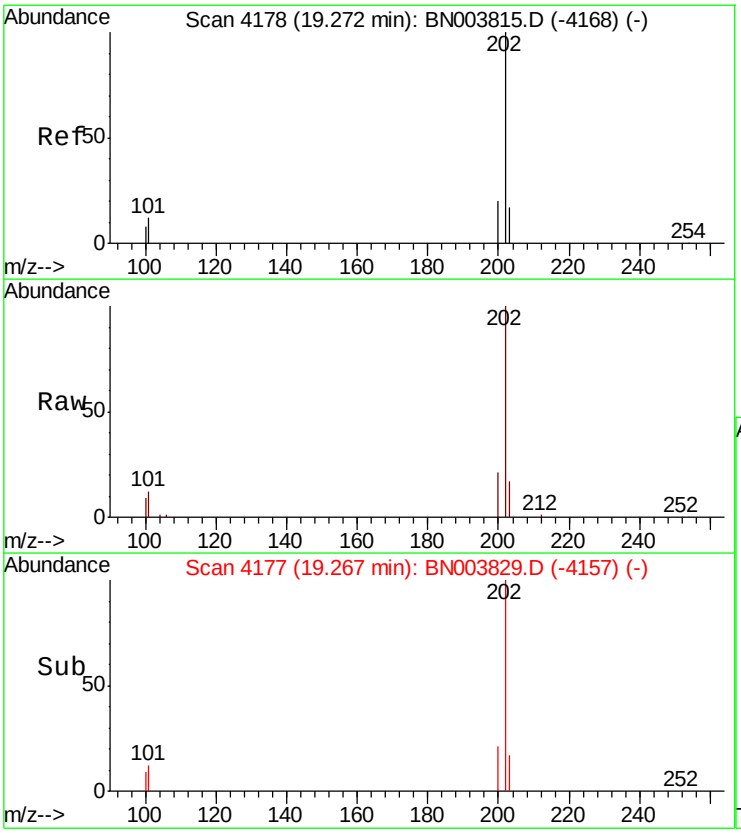
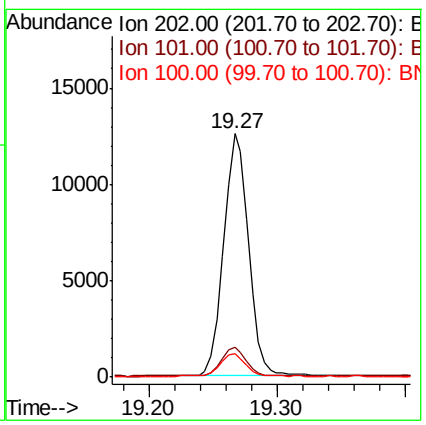
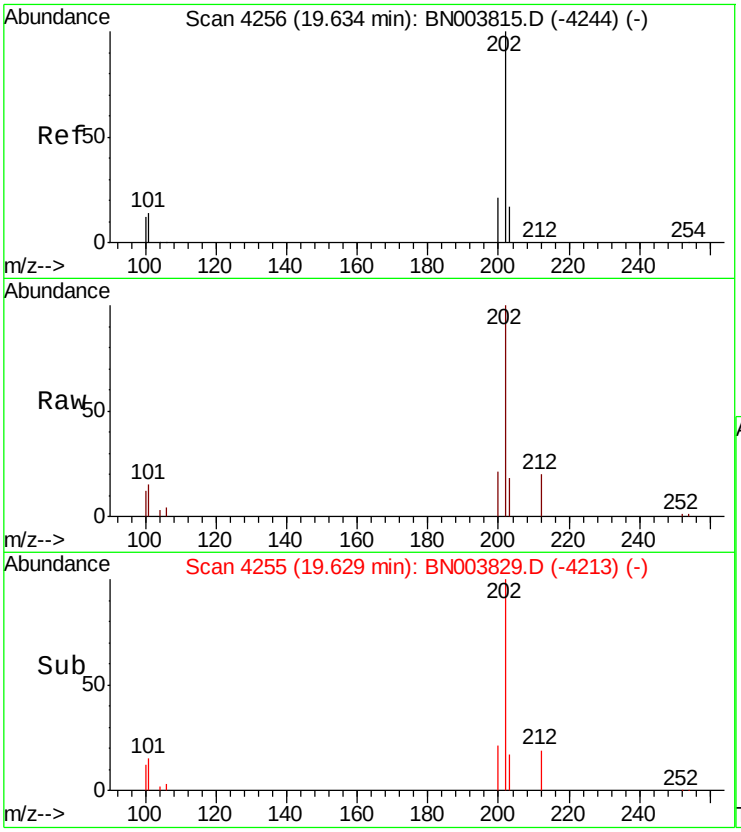


#15
Fluoranthene
Concen: 0.283 ng/ul
RT: 19.27 min Scan# 4177
Delta R.T. -0.00 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:202 Resp: 16868

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.7
100	9.5	0.0	28.1





#17
Pyrene
Concen: 0.331 ng/ul
RT: 19.63 min Scan# 4255
Delta R.T. -0.00 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:202 Resp: 13957

Ion	Ratio	Lower	Upper
202	100		
101	15.1	10.3	15.5
100	12.3	8.5	12.7

Instrument :
BNA_N
ClientSampleId :
F9M14DL

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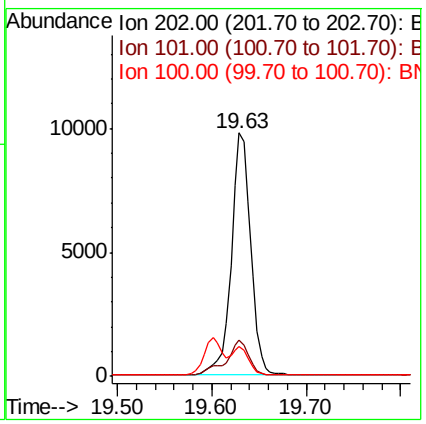
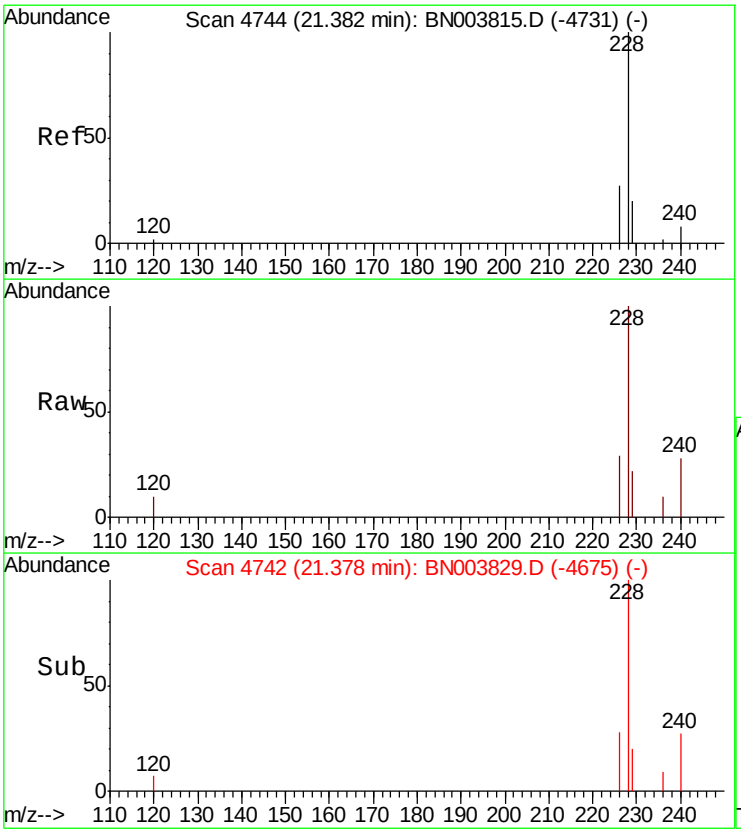
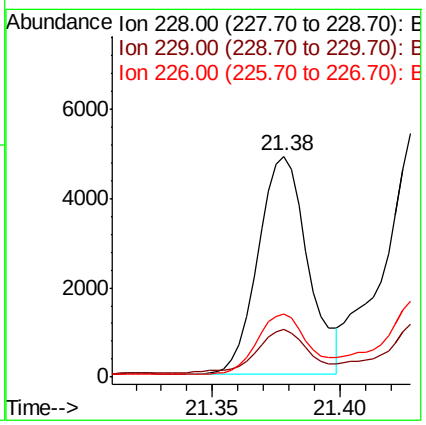


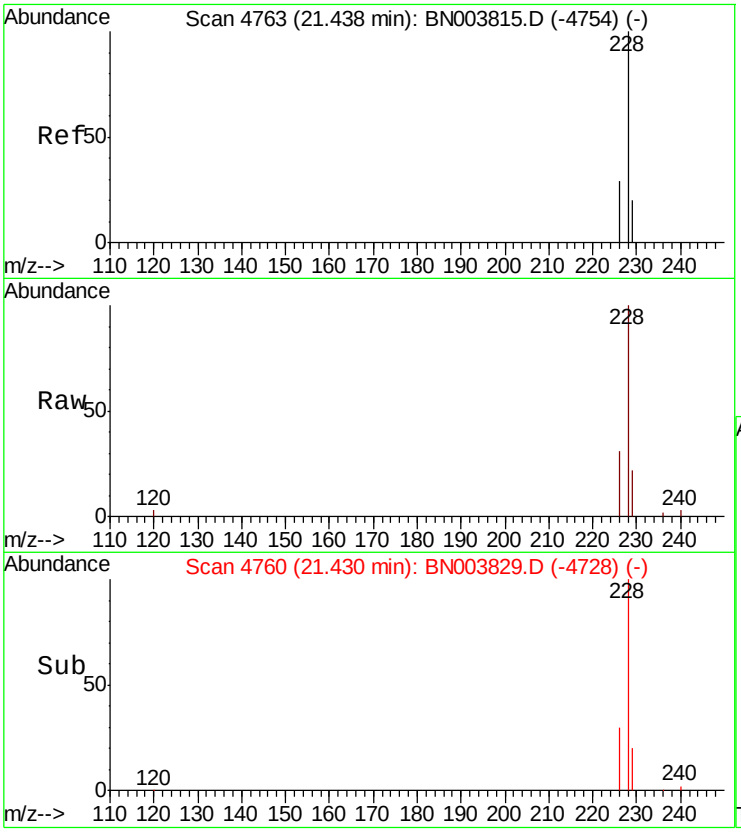


#18
Benzo(a)anthracene
Concen: 0.178 ng/ul
RT: 21.38 min Scan# 4742
Delta R.T. -0.00 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:228 Resp: 6618

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.6	23.4
226	28.7	21.1	31.7

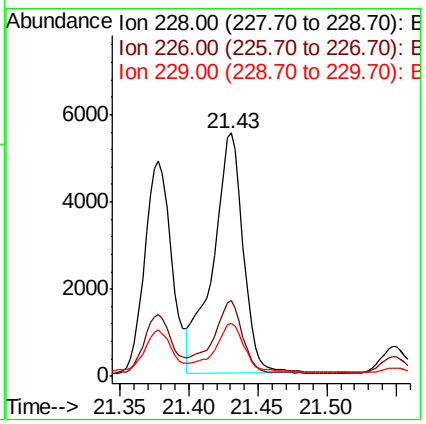




#19
Chrysene
Concen: 0.197 ng/ul
RT: 21.43 min Scan# 4760
Delta R.T. -0.01 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:228 Resp: 8369

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	21.8	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9M14DL

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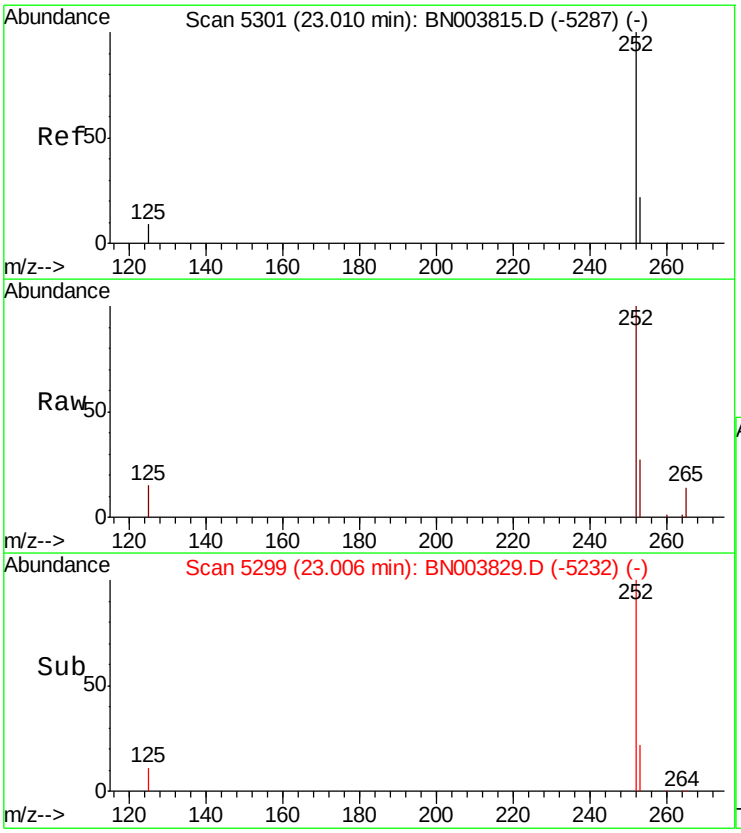
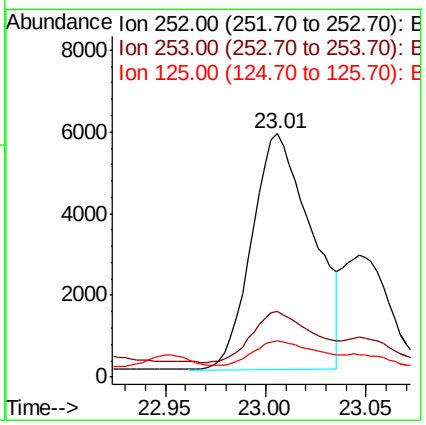
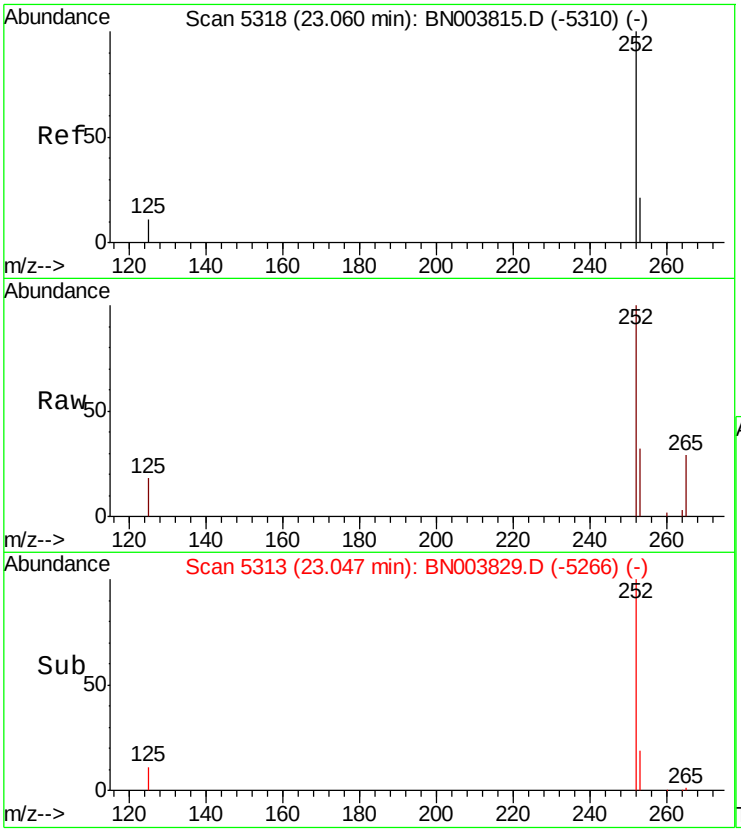


#21
Benzo(b)fluoranthene
Concen: 0.226 ng/ul m
RT: 23.01 min Scan# 5299
Delta R.T. -0.00 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:252 Resp: 12070

Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	46.0
125	15.0	0.0	22.4





#22
Benzo(k)fluoranthene
Concen: 0.088 ng/ul m
RT: 23.05 min Scan# 5313
Delta R.T. -0.01 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:252 Resp: 4603

Ion	Ratio	Lower	Upper
252	100		
253	32.3	18.5	27.7#
125	18.4	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9M14DL

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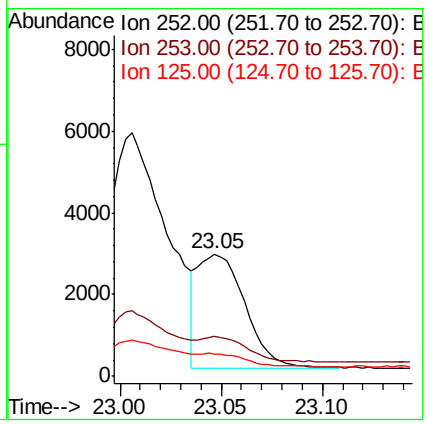
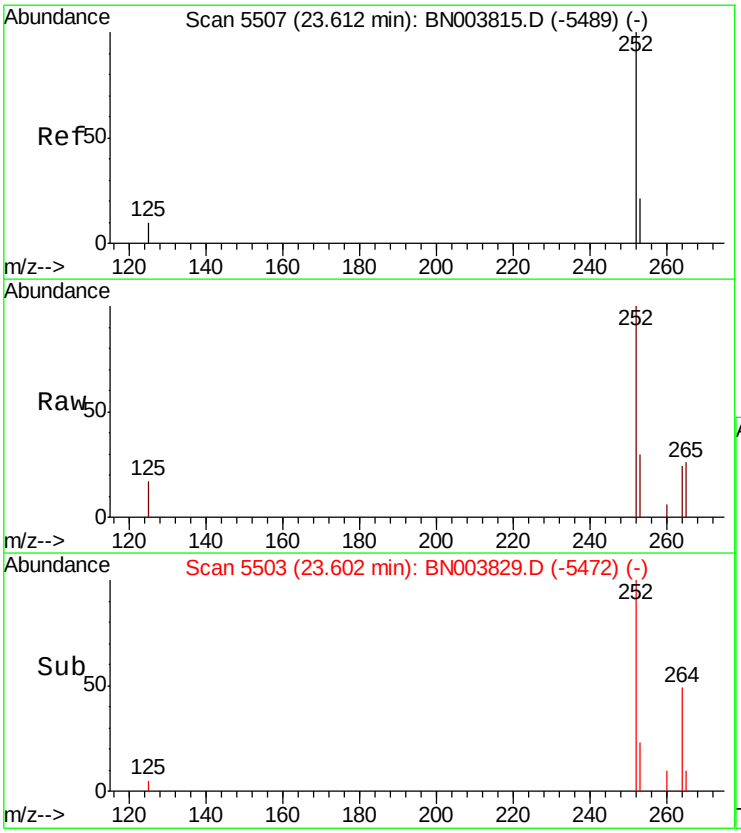
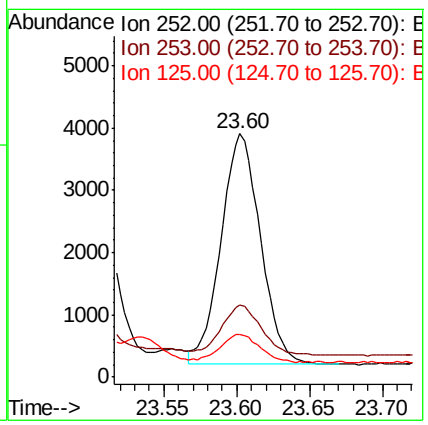


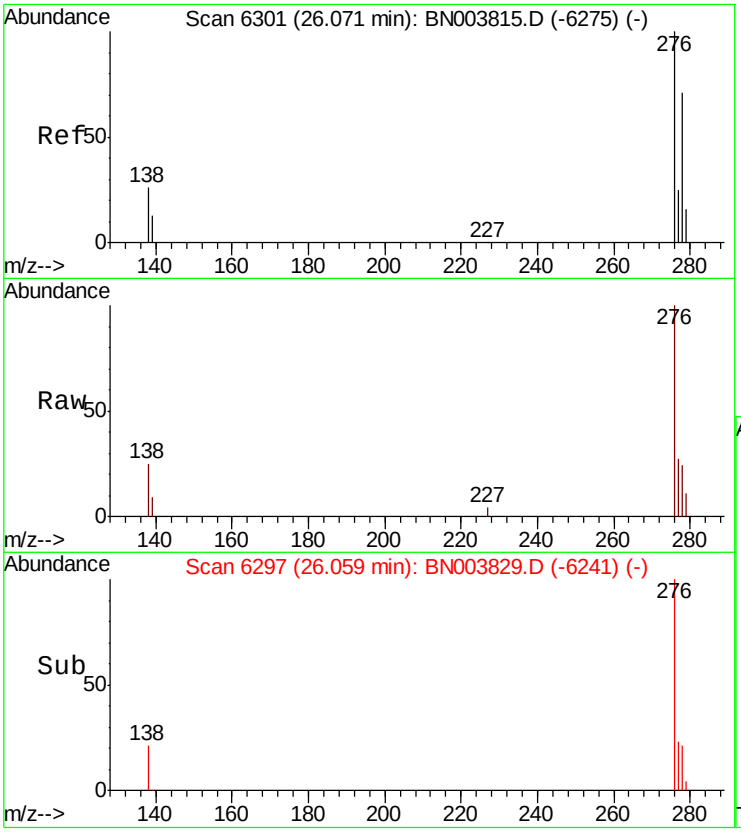


#23
Benzo(a)pyrene
Concen: 0.151 ng/ul
RT: 23.60 min Scan# 5503
Delta R.T. -0.01 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:252 Resp: 6985

Ion	Ratio	Lower	Upper
252	100		
253	29.8	19.0	28.4#
125	17.3	10.2	15.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.121 ng/ul
RT: 26.06 min Scan# 6297
Delta R.T. -0.01 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:276 Resp: 6441

Ion	Ratio	Lower	Upper
276	100		
138	22.0	20.3	30.5
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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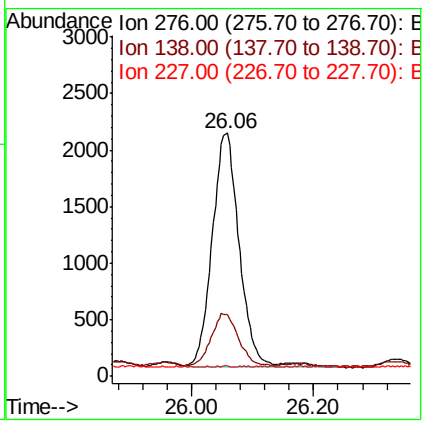
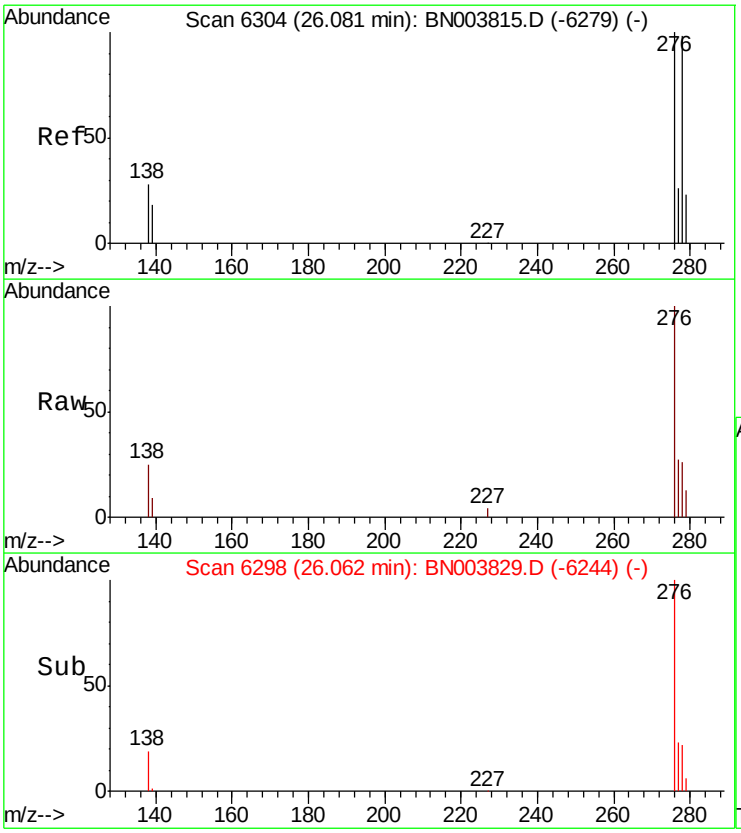
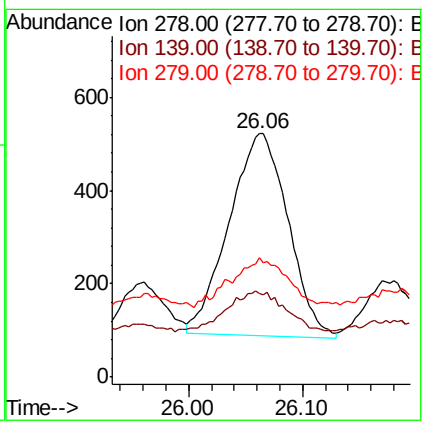


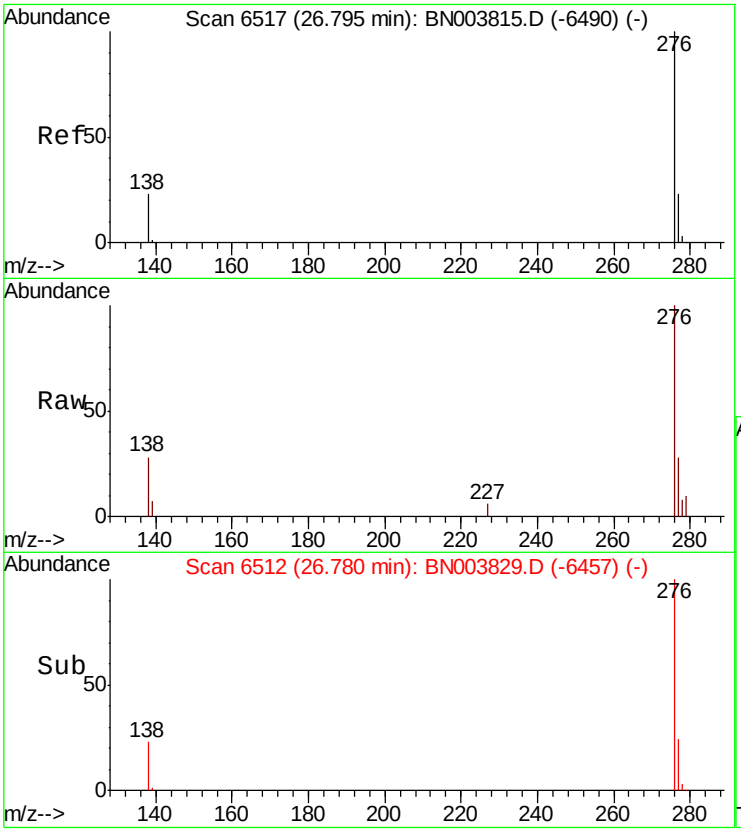


#25
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 26.06 min Scan# 6298
Delta R.T. -0.02 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:278 Resp: 1549

Ion	Ratio	Lower	Upper
278	100		
139	34.3	14.2	21.4#
279	48.9	19.8	29.6#

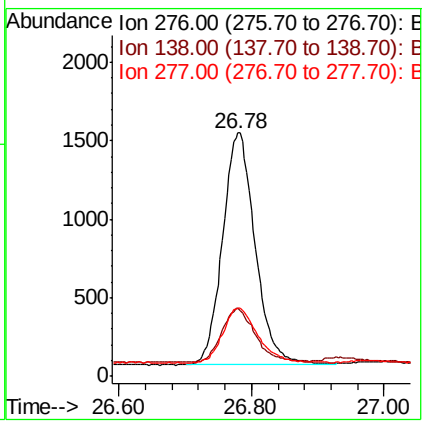




#26
Benzo(g,h,i)perylene
Concen: 0.109 ng/ul
RT: 26.78 min Scan# 6512
Delta R.T. -0.02 min
Lab File: BN003829.D
Acq: 11 Dec 2018 23:39

Tgt Ion:276 Resp: 5029

Ion	Ratio	Lower	Upper
276	100		
138	28.2	17.7	26.5#
277	27.9	19.3	28.9



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