Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003001.D
Acq On : 08 Oct 2018 23:27
Operator : MJ/SJ
Sample : J5116-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLC53

Manual Integrations APPROVED
Sohil
10/9/2018 5:37:55 PM

Quant Time: Oct 09 01:56:24 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 : Tue Oct 09 01:14:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1416	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5893	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3430	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7739m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7753m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	7187	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2669	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	6712m	0.30	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.06	178	1364m	0.063	ng/ul	
13) Anthracene	17.15	178	426m	0.021	ng/ul	
15) Fluoranthene	19.09	202	2796m	0.110	ng/ul	
17) Pyrene	19.45	202	2623m	0.087	ng/ul	
18) Benzo(a)anthracene	21.22	228	1469	0.059	ng/ul#	89
19) Chrysene	21.27	228	2242	0.088	ng/ul	94
21) Benzo(b)fluoranthene	22.78	252	3071m	0.119	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1022m	0.038	ng/ul	
23) Benzo(a)pyrene	23.34	252	1287	0.055	ng/ul#	53
24) Indeno(1,2,3-cd)pyrene	25.69	276	1083	0.041	ng/ul#	100
26) Benzo(g,h,i)perylene	26.36	276	1093	0.049	ng/ul#	69

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

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Misc :
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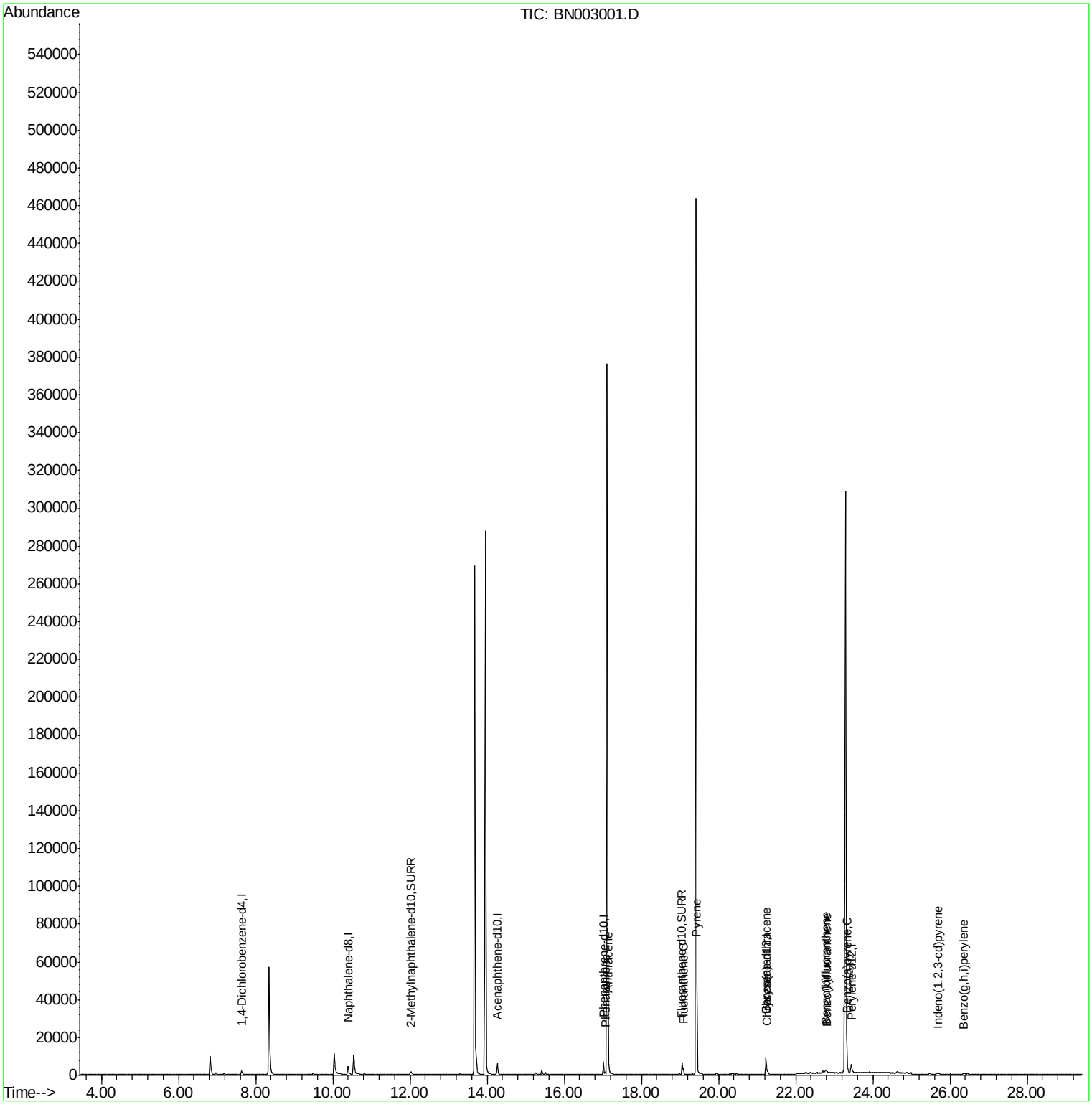
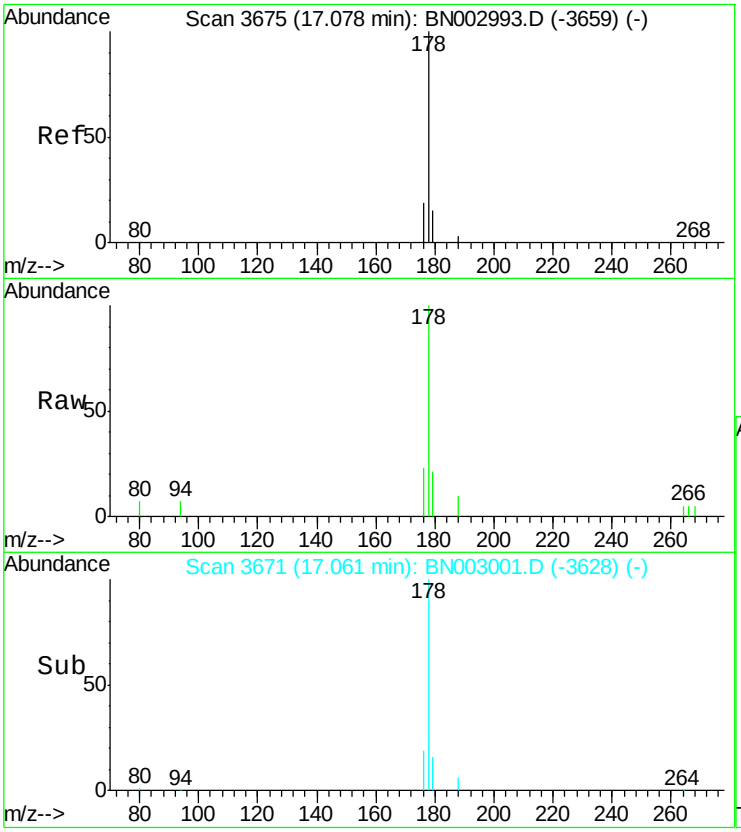
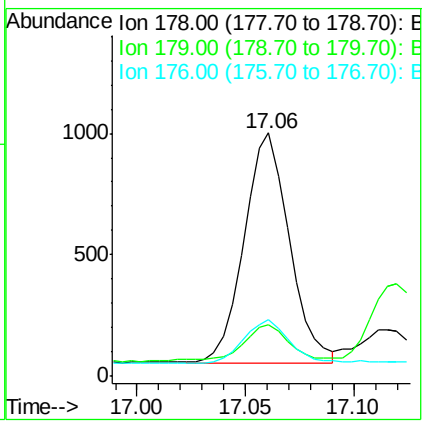




#12
Phenanthrene
Concen: 0.063 ng/ul m
RT: 17.06 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:178 Resp: 1364

Ion	Ratio	Lower	Upper
178	100		
179	21.1	12.9	19.3#
176	23.1	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
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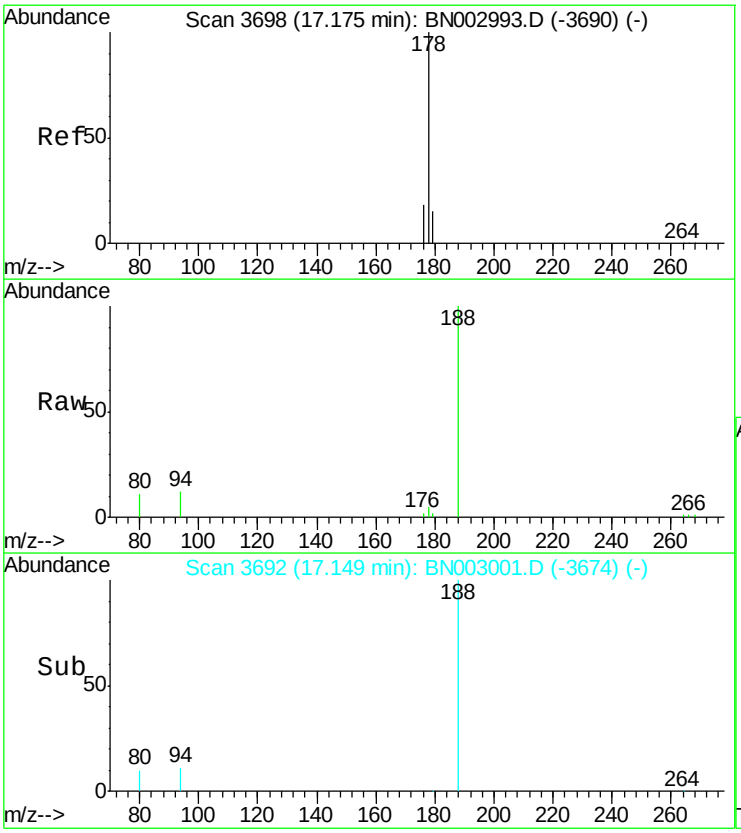
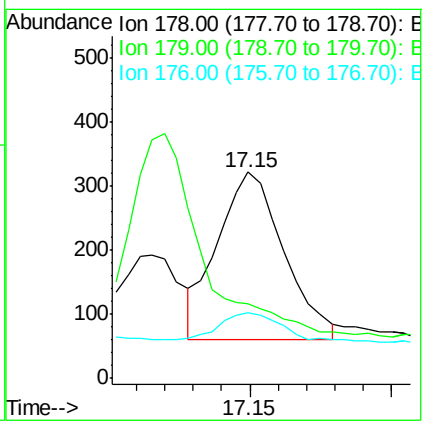
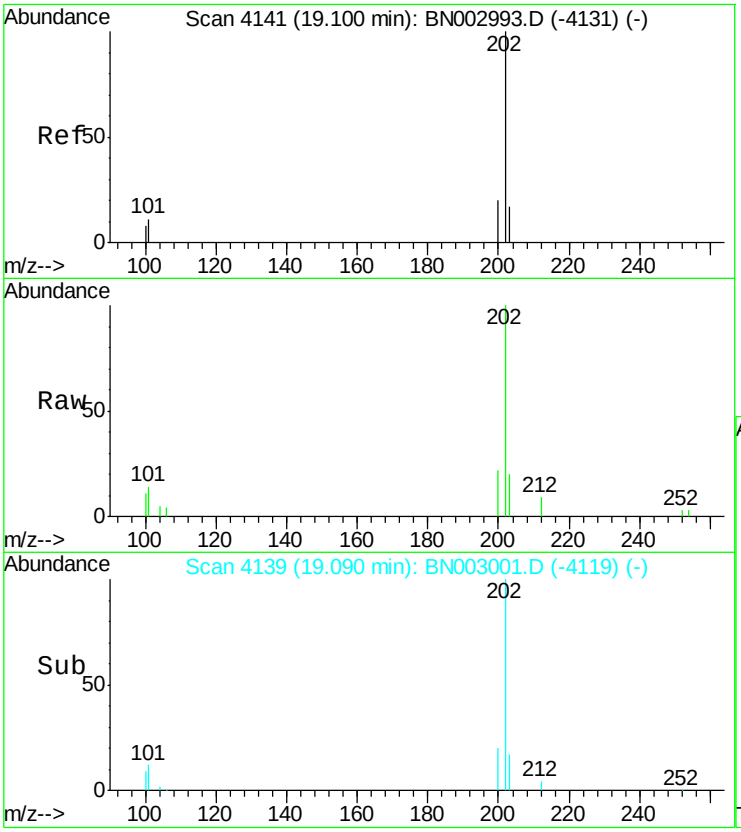


#13
Anthracene
Concen: 0.021 ng/ul m
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:178 Resp: 426

Ion	Ratio	Lower	Upper
178	100		
179	35.8	13.0	19.6#
176	31.5	15.3	22.9#

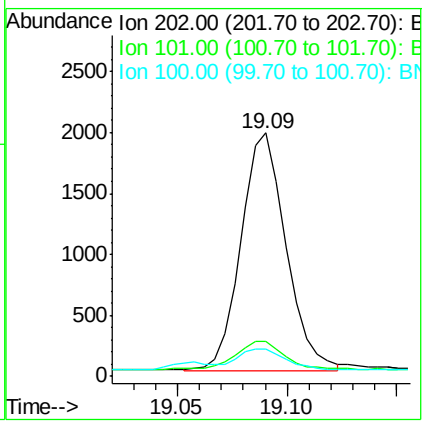




#15
Fluoranthene
Concen: 0.110 ng/ul m
RT: 19.09 min Scan# 4139
Delta R.T. -0.01 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:202 Resp: 2796

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	32.3
100	11.2	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
JLC53

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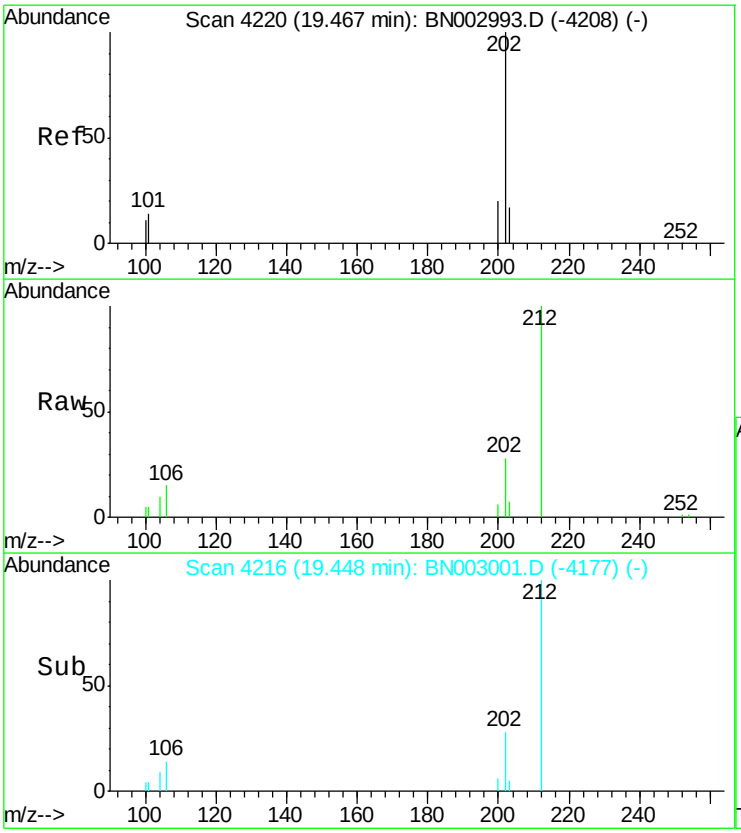
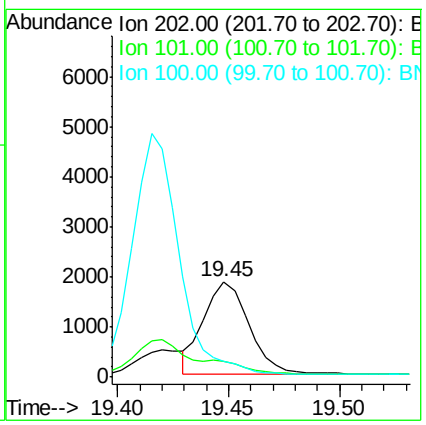
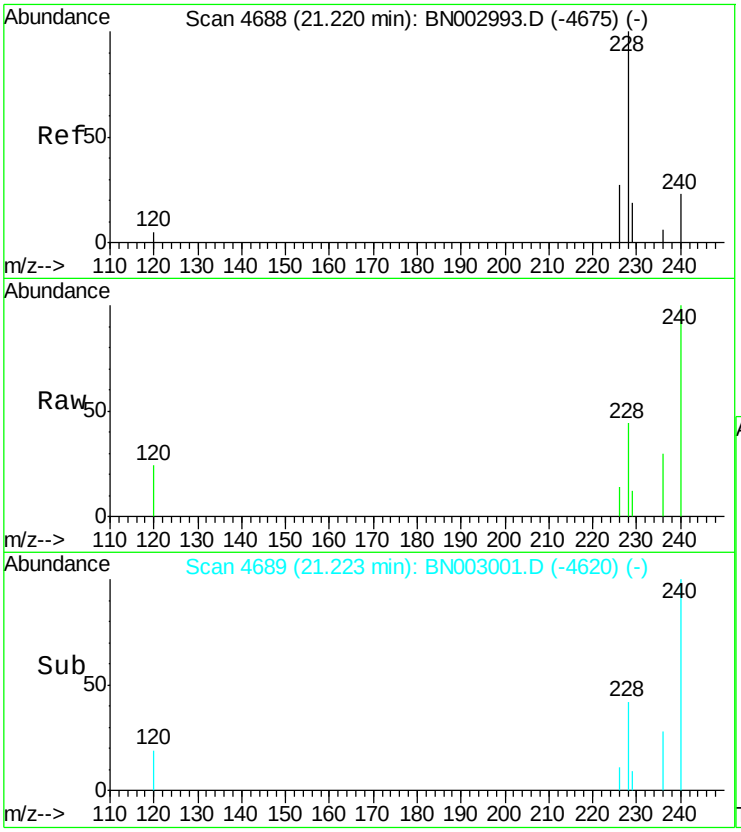


#17
Pyrene
Concen: 0.087 ng/ul m
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:202 Resp: 2623

Ion	Ratio	Lower	Upper
202	100		
101	16.9	11.9	17.9
100	16.2	9.9	14.9#

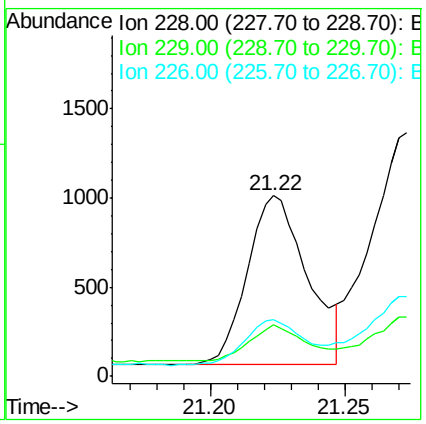




#18
Benzo(a)anthracene
Concen: 0.059 ng/ul
RT: 21.22 min Scan# 4689
Delta R.T. 0.00 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:228 Resp: 1469

Ion	Ratio	Lower	Upper
228	100		
229	28.2	16.2	24.2#
226	31.7	22.3	33.5



Instrument :
BNA_N
ClientSampleId :
JLC53

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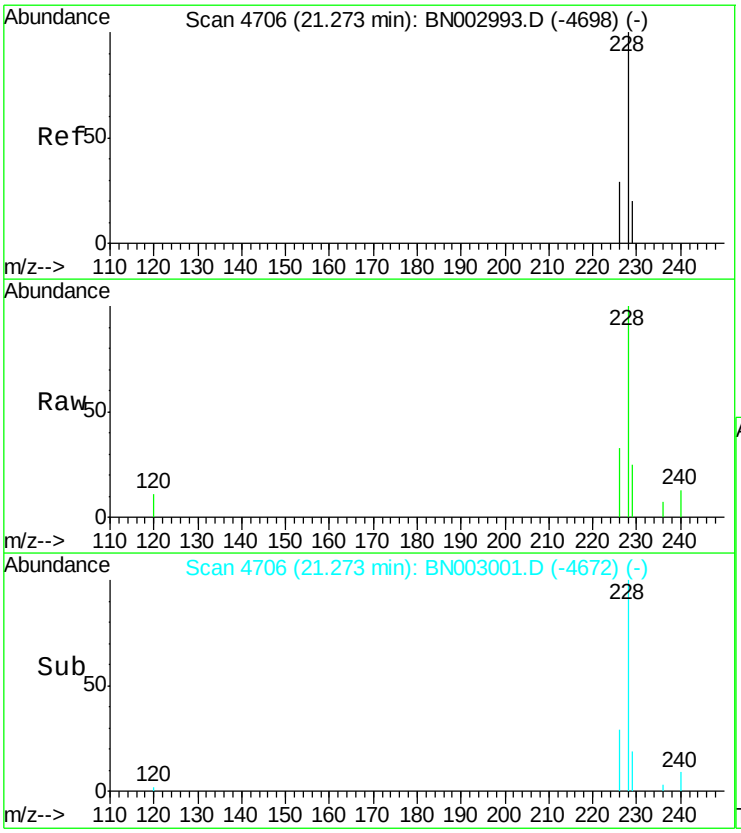
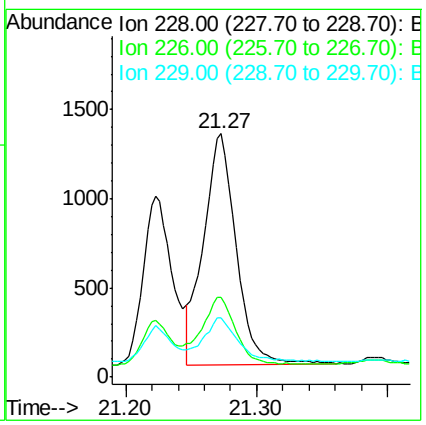
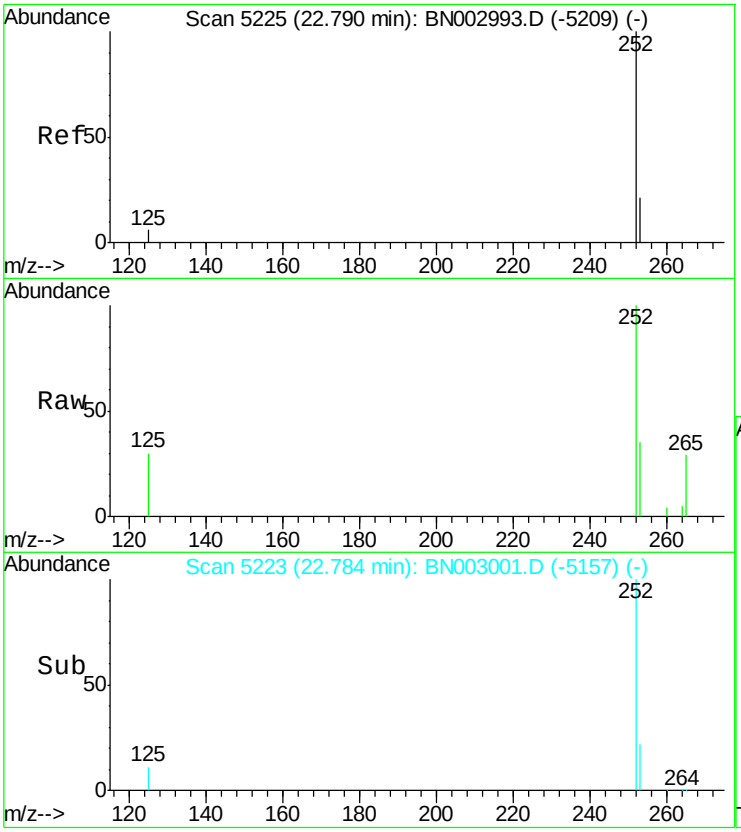


#19
Chrysene
Concen: 0.088 ng/ul
RT: 21.27 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:228 Resp: 2242

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.2	36.4
229	24.5	16.7	25.1

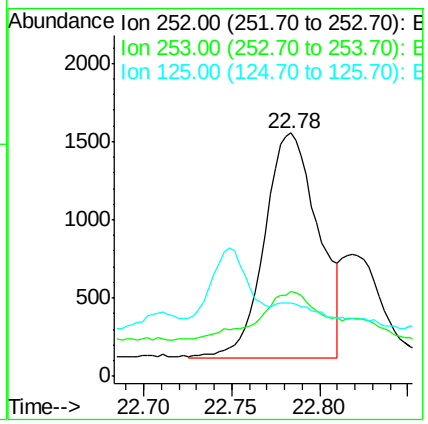




#21
Benzo(b)fluoranthene
Concen: 0.119 ng/ul m
RT: 22.78 min Scan# 5223
Delta R.T. -0.01 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:252 Resp: 3071

Ion	Ratio	Lower	Upper
252	100		
253	35.1	0.0	53.2
125	30.0	0.0	34.2



Instrument :
BNA_N
ClientSampleId :
JLC53

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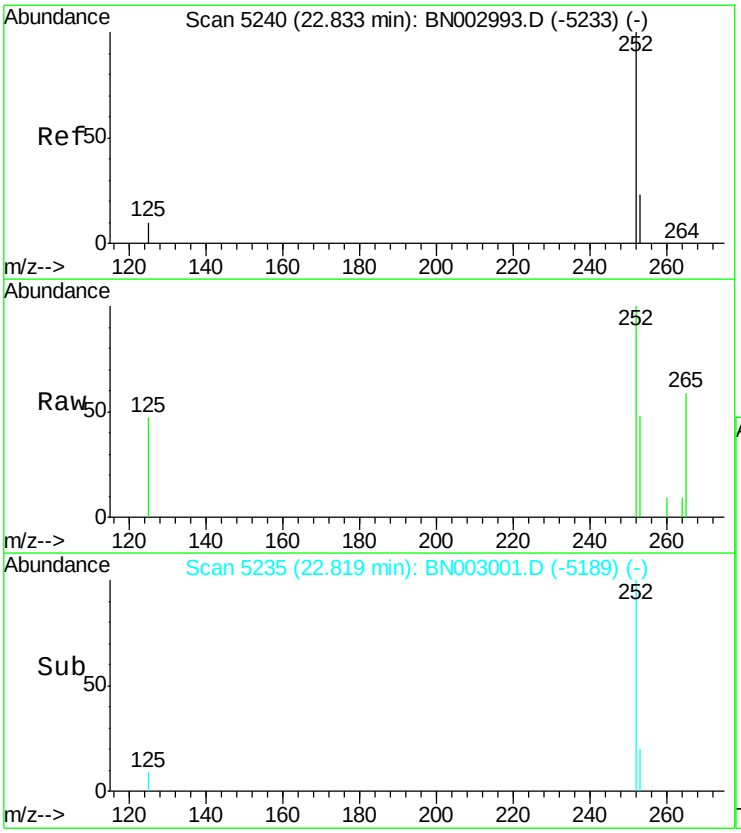
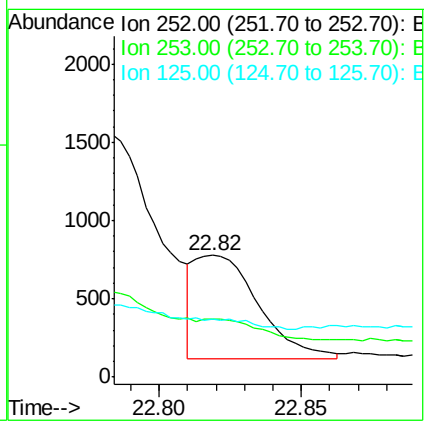
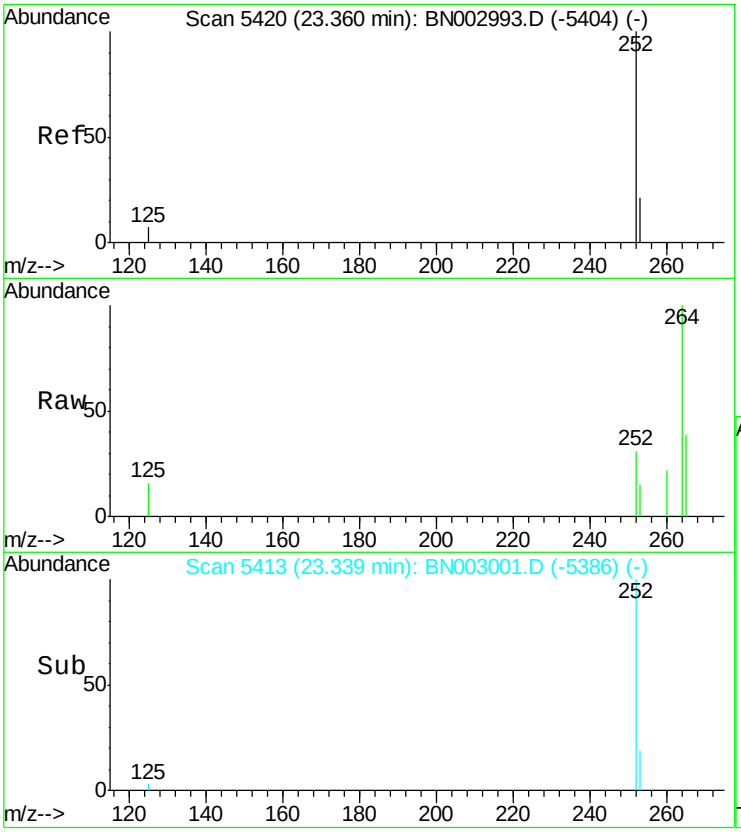


#22
Benzo(k)fluoranthene
Concen: 0.038 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:252 Resp: 1022

Ion	Ratio	Lower	Upper
252	100		
253	47.6	21.3	31.9#
125	47.2	14.1	21.1#

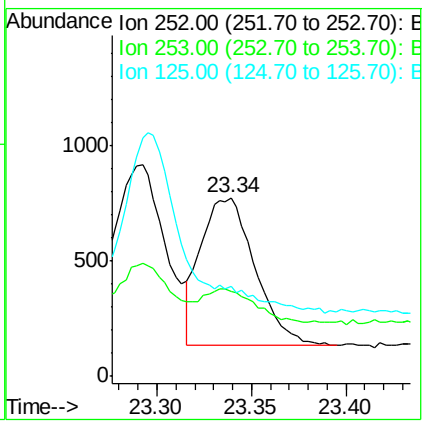




#23
Benzo(a)pyrene
Concen: 0.055 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:252 Resp: 1287

Ion	Ratio	Lower	Upper
252	100		
253	47.5	23.1	34.7#
125	50.6	16.9	25.3#



Instrument :
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ClientSampleId :
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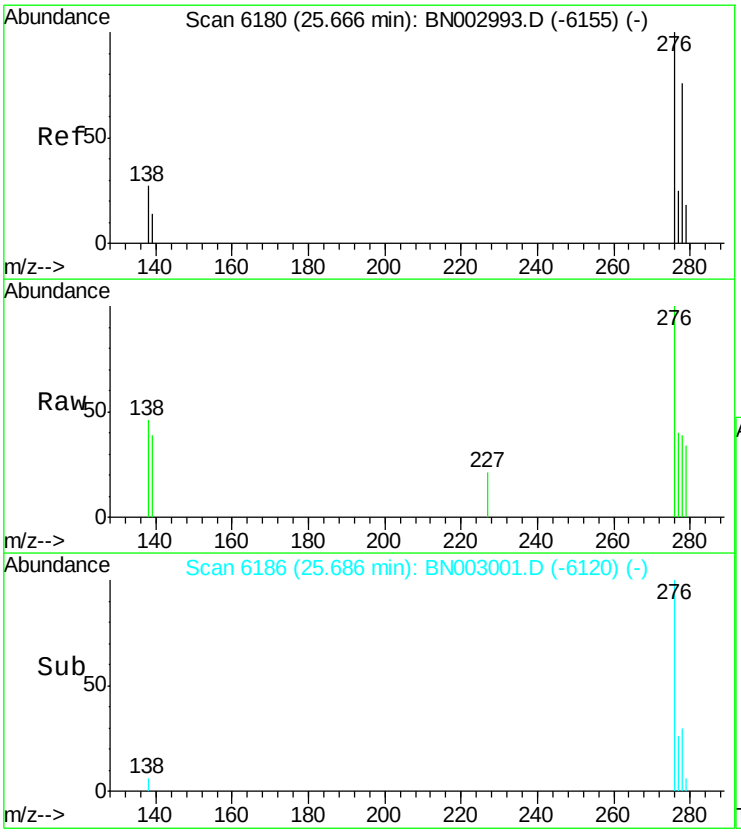
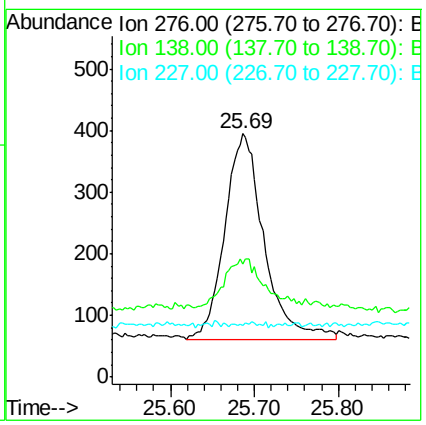
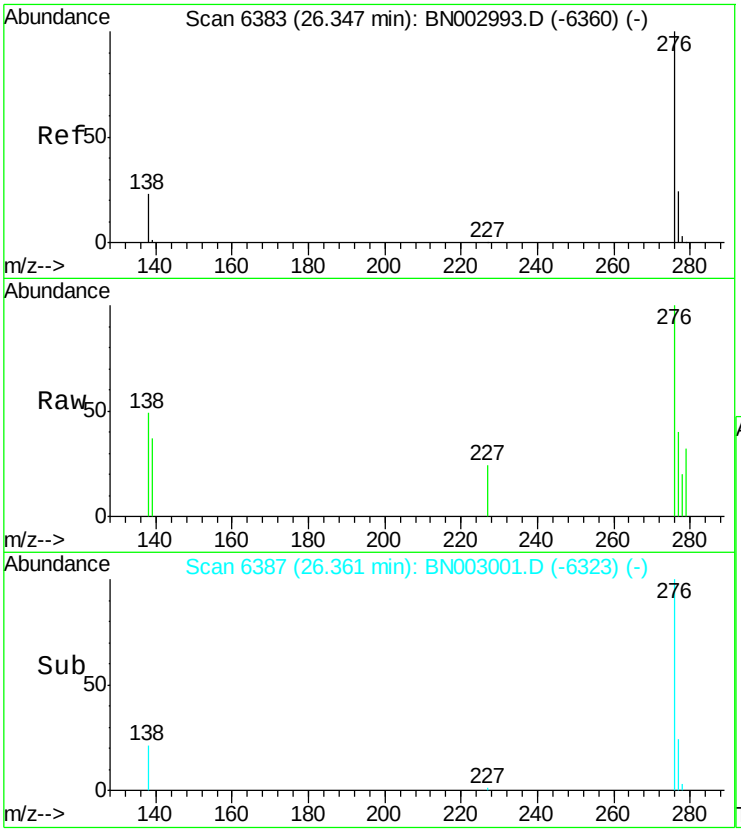


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng/ul
RT: 25.69 min Scan# 6186
Delta R.T. 0.02 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:276 Resp: 1083

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.5	32.3
227	0.8	0.3	0.5#

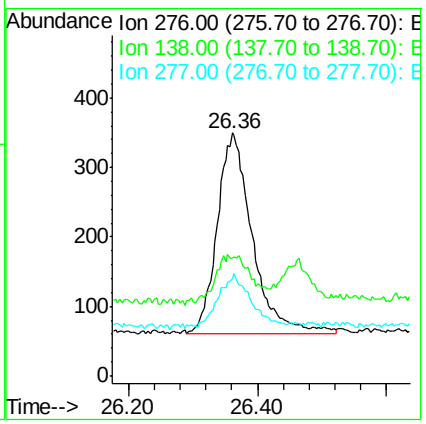




#26
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 26.36 min Scan# 6387
Delta R.T. 0.01 min
Lab File: BN003001.D
Acq: 08 Oct 2018 23:27

Tgt Ion:276 Resp: 1093

Ion	Ratio	Lower	Upper
276	100		
138	48.6	23.0	34.4#
277	40.0	22.0	33.0#



Instrument :
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