Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003022.D
Acq On : 09 Oct 2018 12:30
Operator : MJ/SJ
Sample : J5116-07DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLC56DL

Manual Integrations APPROVED
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10/9/2018 5:38:37 PM

Quant Time: Oct 09 13:10:42 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 08:56:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1294	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	5554	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.27	164	3271	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7796	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	7577	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	6561	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	579	0.07	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	1666	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1055	0.074	ng/ul#	83
12) Phenanthrene	17.06	178	5573	0.256	ng/ul	96
13) Anthracene	17.15	178	595	0.029	ng/ul#	42
15) Fluoranthene	19.09	202	12018	0.471	ng/ul	98
17) Pyrene	19.45	202	10602	0.360	ng/ul	99
18) Benzo(a)anthracene	21.22	228	4908	0.201	ng/ul#	87
19) Chrysene	21.27	228	6438	0.260	ng/ul#	90
21) Benzo(b)fluoranthene	22.78	252	5966m	0.252	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2363m	0.096	ng/ul	
23) Benzo(a)pyrene	23.34	252	3055	0.144	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.67	276	1982	0.081	ng/ul#	49
26) Benzo(g,h,i)perylene	26.35	276	1703	0.083	ng/ul#	1

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

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BNA_N
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Manual Integrations APPROVED
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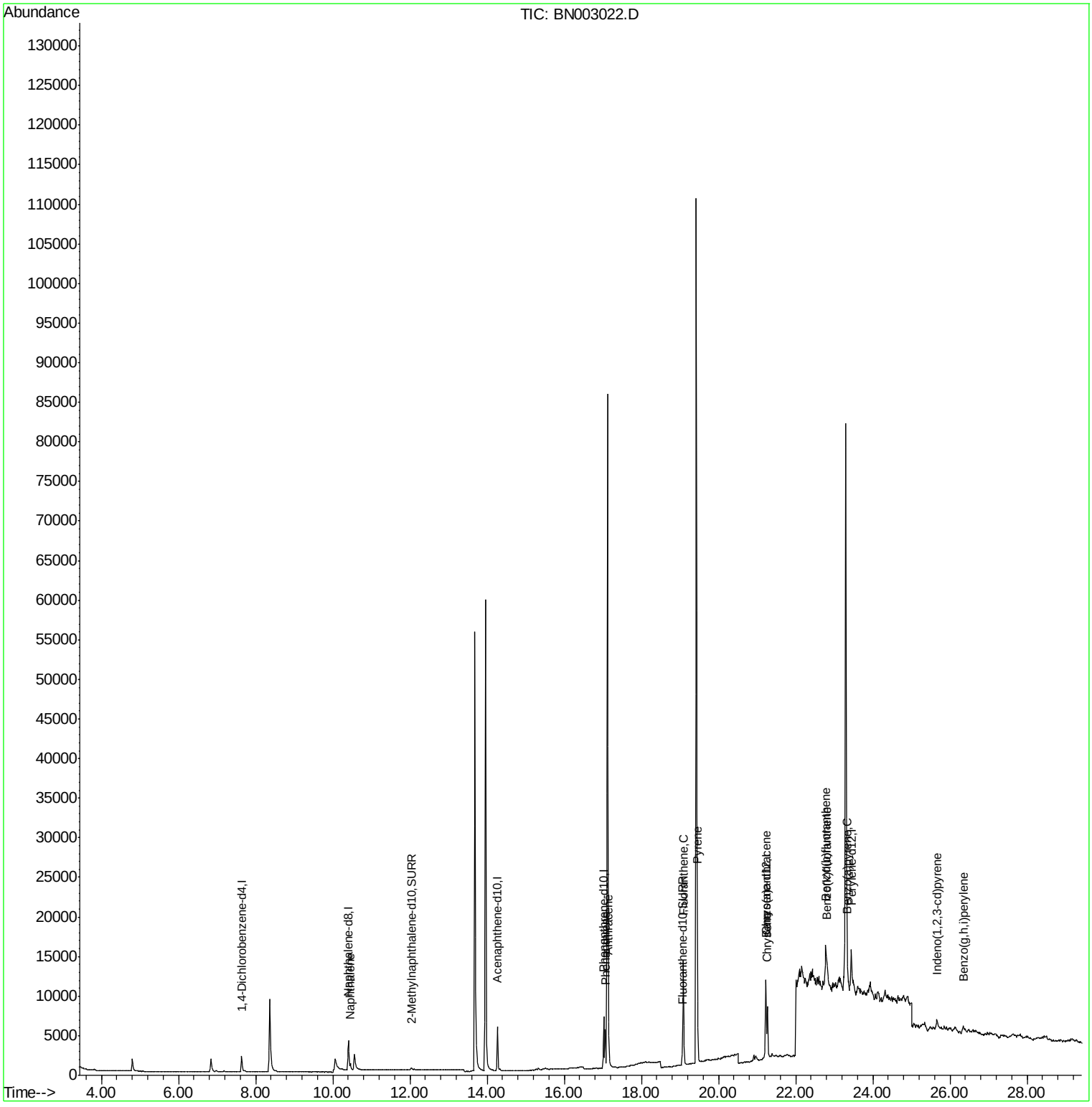

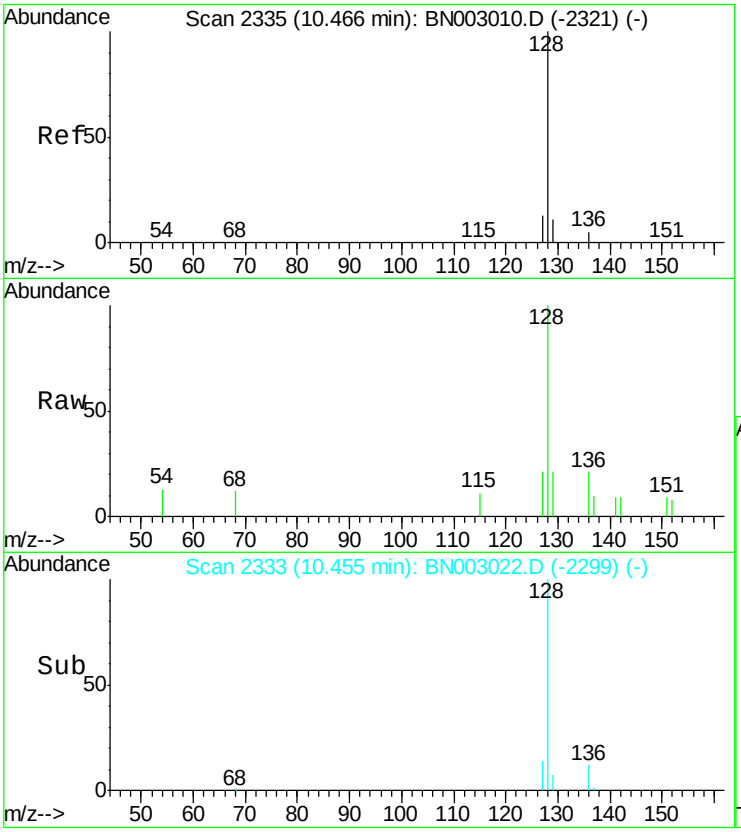

#3
Naphthalene
Concen: 0.074 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:128 Resp: 1055

Ion	Ratio	Lower	Upper
128	100		
129	20.8	10.4	15.6#
127	20.8	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
JLC56DL

Manual Integrations APPROVED
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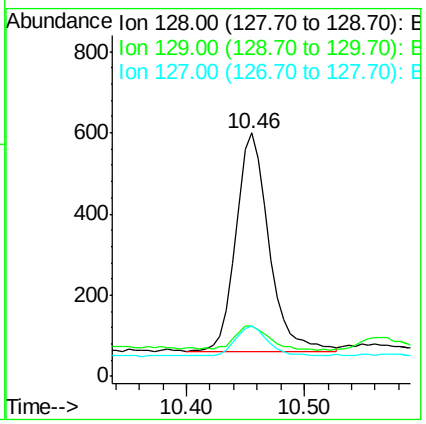
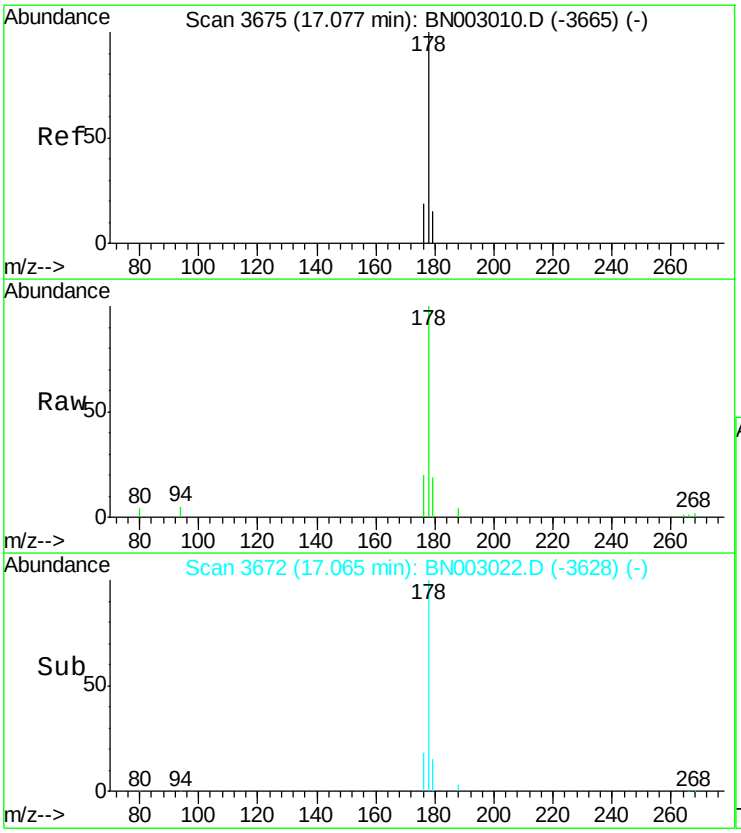
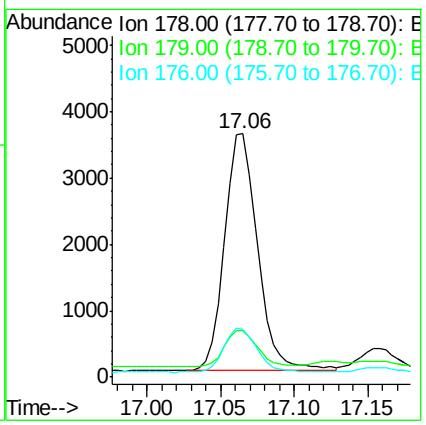


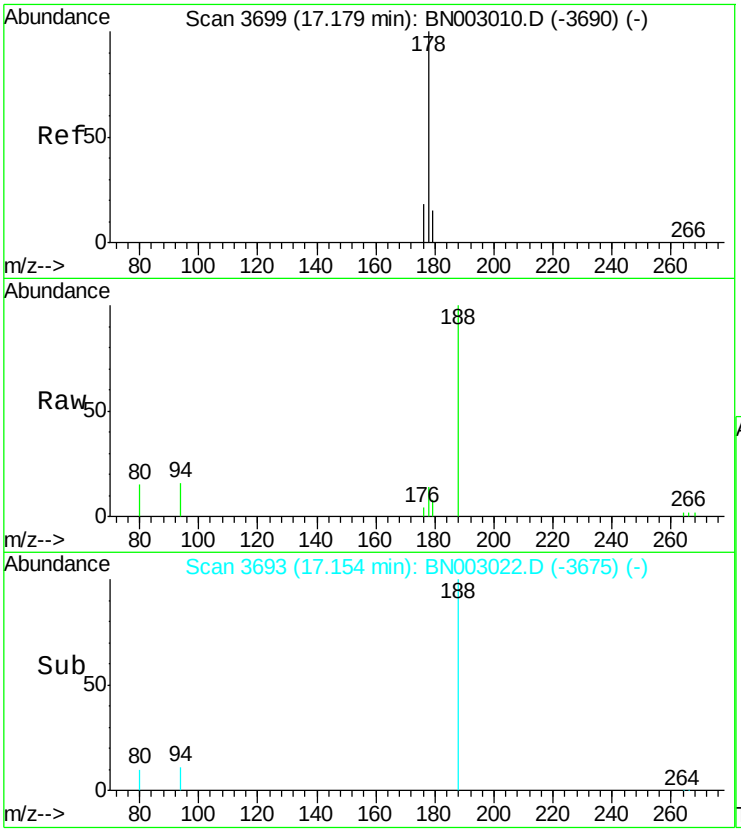


#12
Phenanthrene
Concen: 0.256 ng/ul
RT: 17.06 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:178 Resp: 5573

Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.9	19.3
176	19.8	15.4	23.2

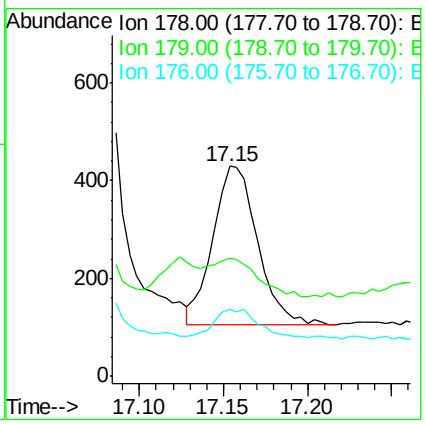




#13
Anthracene
Concen: 0.029 ng/ul
RT: 17.15 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:178 Resp: 595

Ion	Ratio	Lower	Upper
178	100		
179	56.4	13.0	19.6#
176	31.7	15.3	22.9#



Instrument :
BNA_N
ClientSampleId :
JLC56DL

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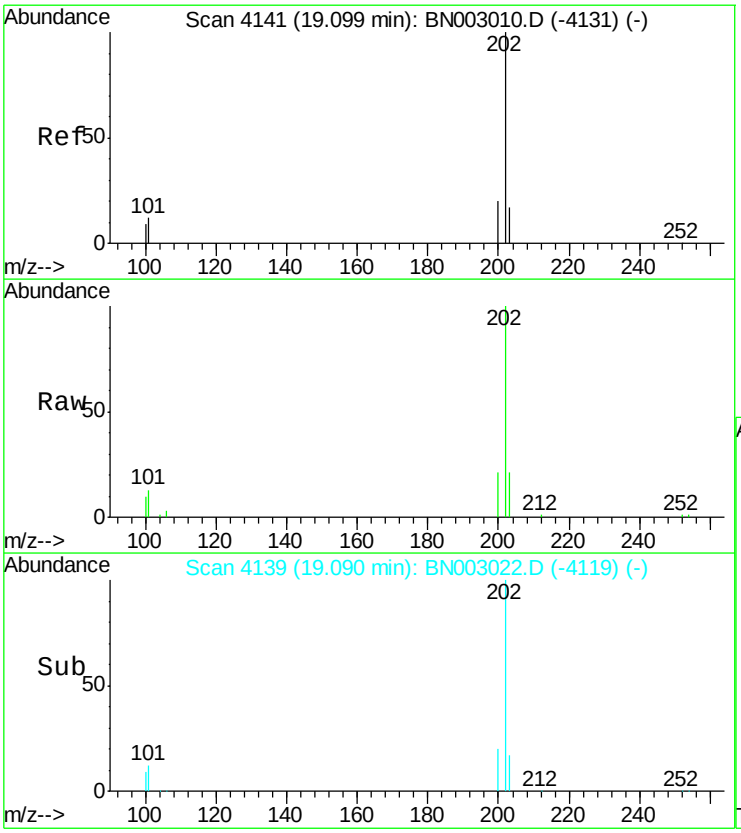
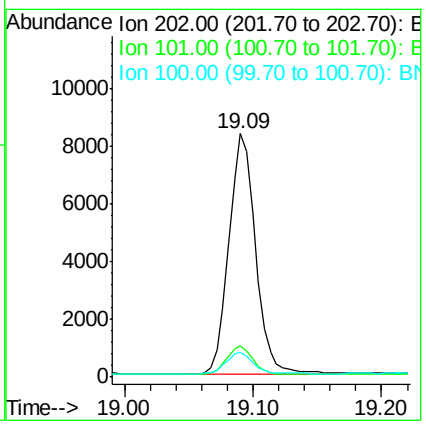
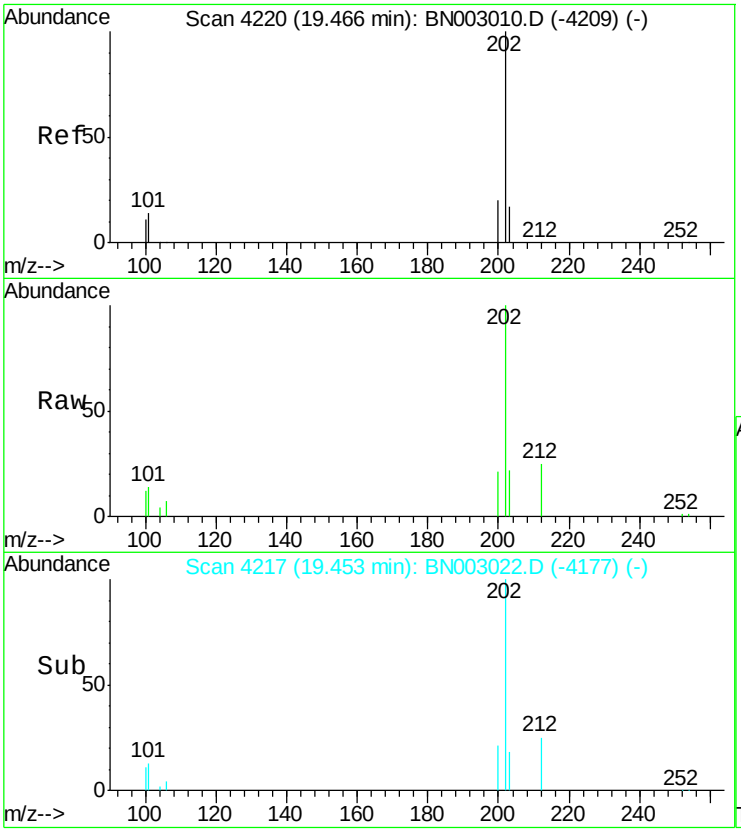


#15
Fluoranthene
Concen: 0.471 ng/ul
RT: 19.09 min Scan# 4139
Delta R.T. -0.01 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:202 Resp: 12018

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.3
100	9.9	0.0	29.1





#17
Pyrene
Concen: 0.360 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:202 Resp: 10602

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.9	17.9
100	12.5	9.9	14.9

Instrument :
BNA_N
ClientSampleId :
JLC56DL

Manual Integrations APPROVED
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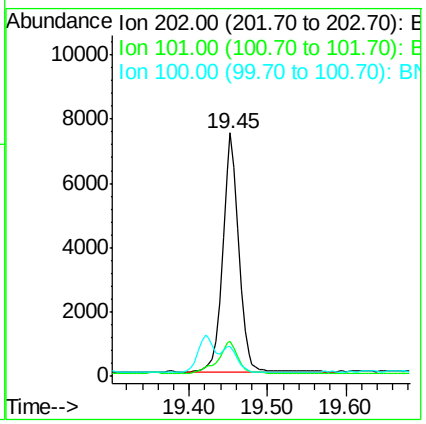
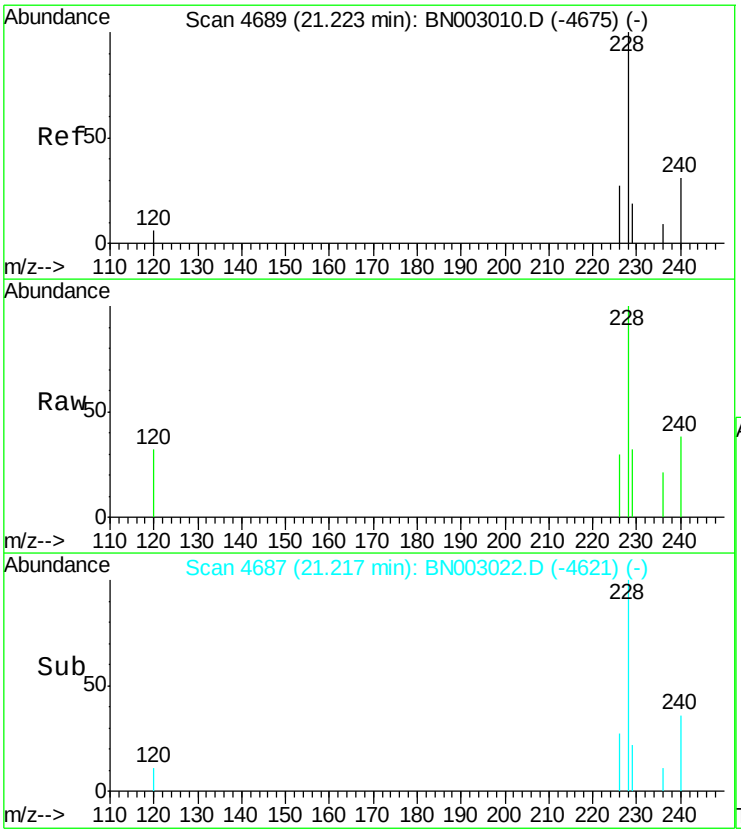
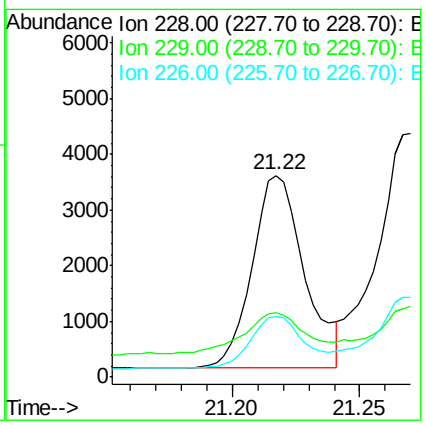


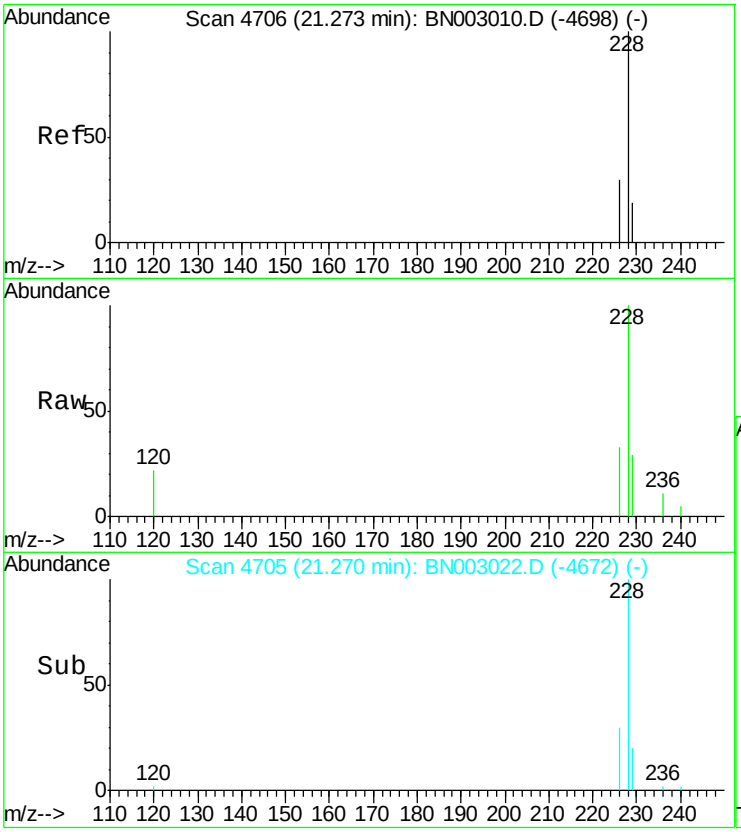


#18
Benzo(a)anthracene
Concen: 0.201 ng/ul
RT: 21.22 min Scan# 4687
Delta R.T. -0.01 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:228 Resp: 4908

Ion	Ratio	Lower	Upper
228	100		
229	31.7	16.2	24.2#
226	30.2	22.3	33.5





#19
Chrysene
Concen: 0.260 ng/ul
RT: 21.27 min Scan# 4705
Delta R.T. -0.00 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:228 Resp: 6438

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.2	36.4
229	29.1	16.7	25.1#

Instrument :
BNA_N
ClientSampleId :
JLC56DL

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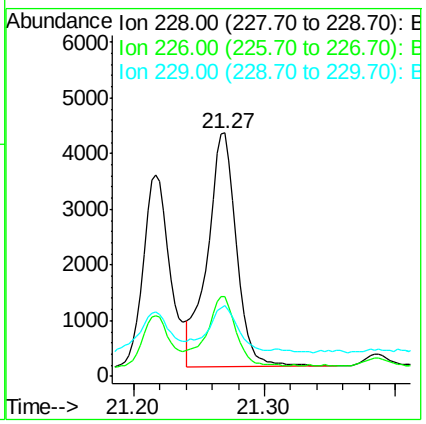
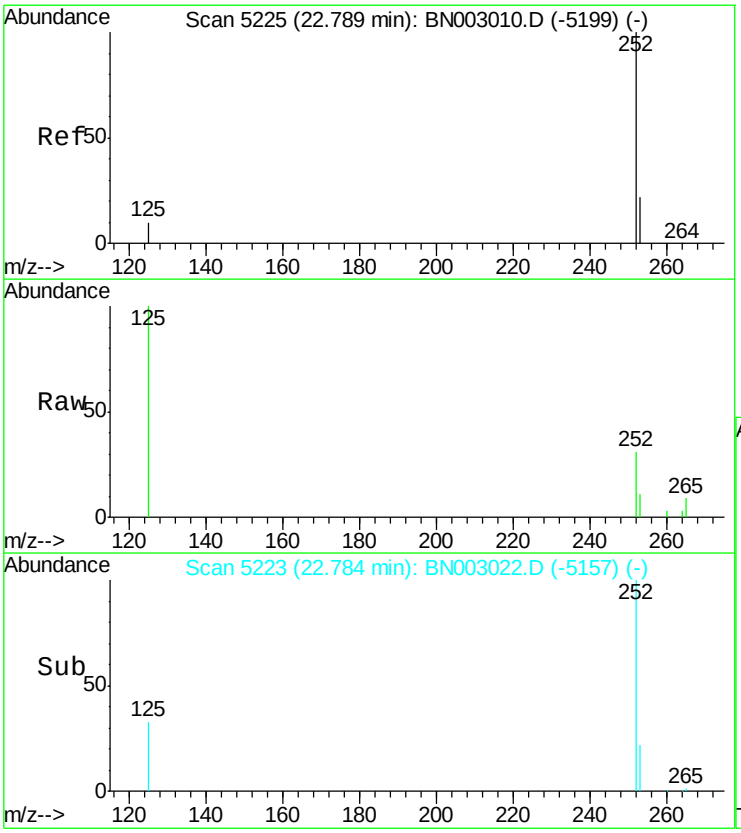
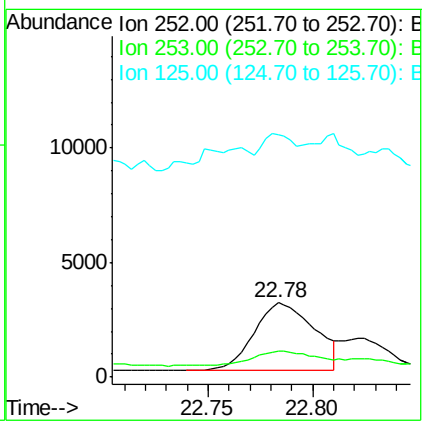


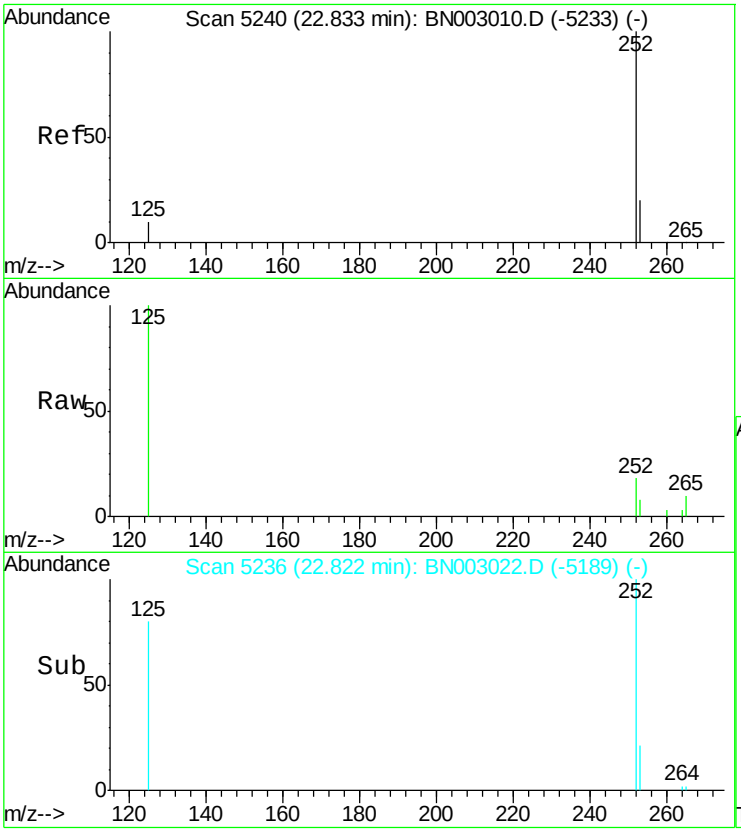


#21
Benzo(b)fluoranthene
Concen: 0.252 ng/ul m
RT: 22.78 min Scan# 5223
Delta R.T. -0.01 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:252 Resp: 5966

Ion	Ratio	Lower	Upper
252	100		
253	34.9	0.0	53.2
125	325.3	0.0	34.2#





#22
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. -0.01 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:252 Resp: 2363

Ion	Ratio	Lower	Upper
252	100		
253	46.3	21.3	31.9#
125	567.4	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
JLC56DL

Manual Integrations APPROVED
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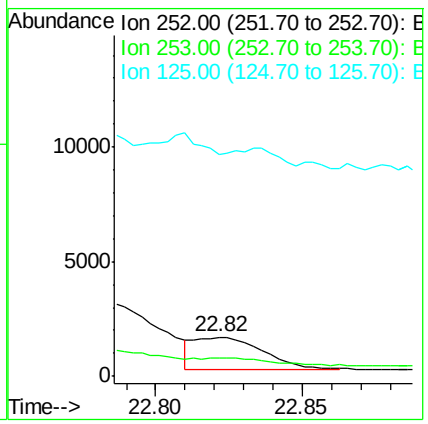
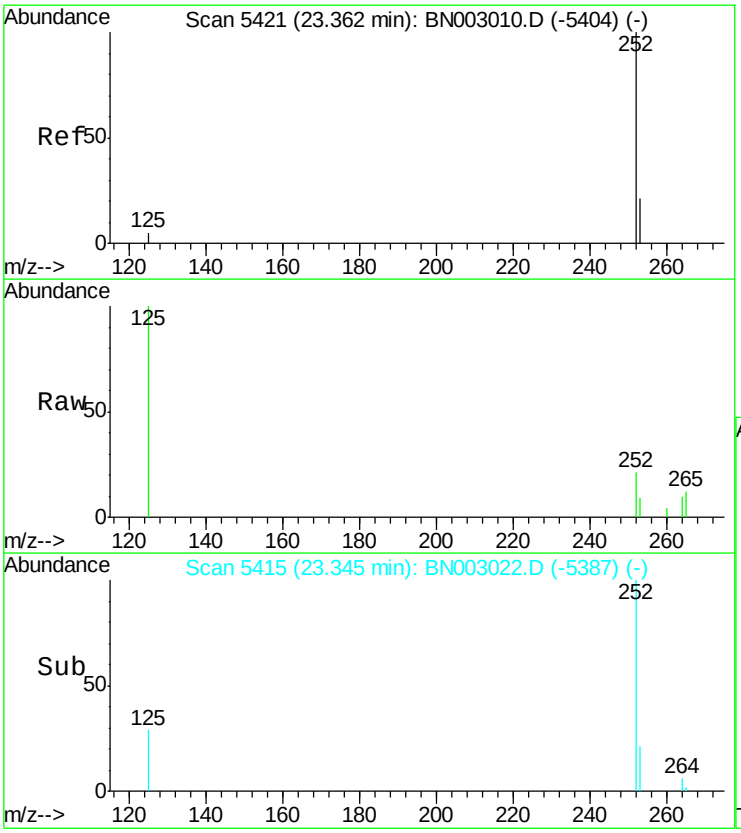
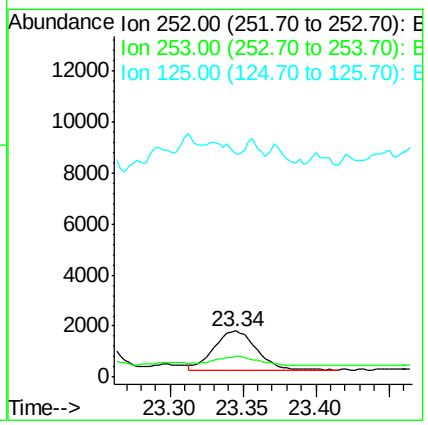


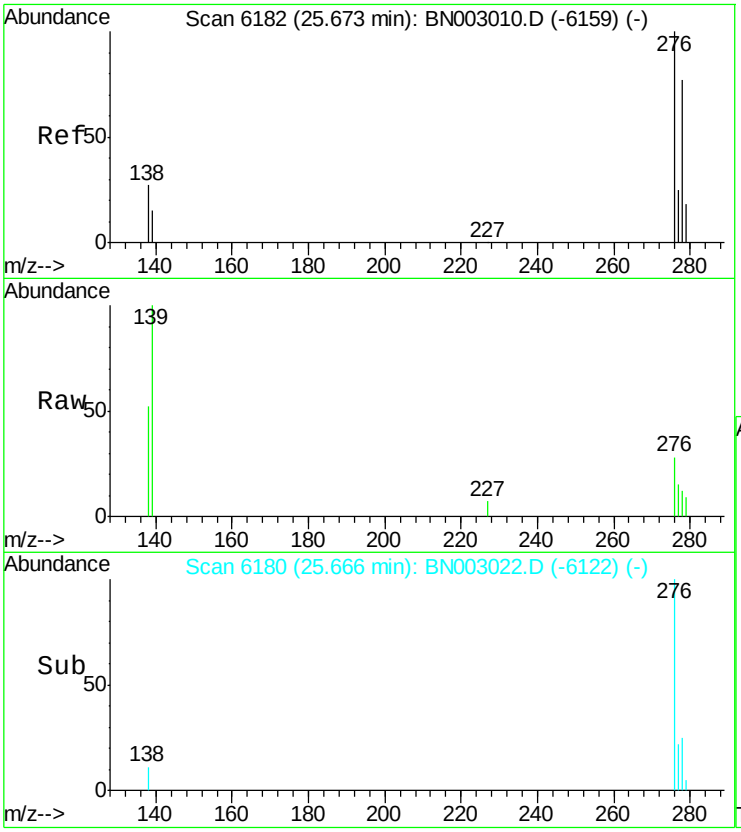


#23
Benzo(a)pyrene
Concen: 0.144 ng/ul
RT: 23.34 min Scan# 5415
Delta R.T. -0.02 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:252 Resp: 3055

Ion	Ratio	Lower	Upper
252	100		
253	44.0	23.1	34.7#
125	480.5	16.9	25.3#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng/ul
RT: 25.67 min Scan# 6180
Delta R.T. -0.01 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Instrument :
BNA_N
ClientSampleId :
JLC56DL

Manual Integrations APPROVED
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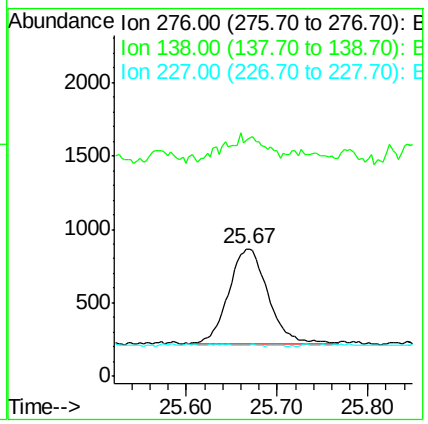
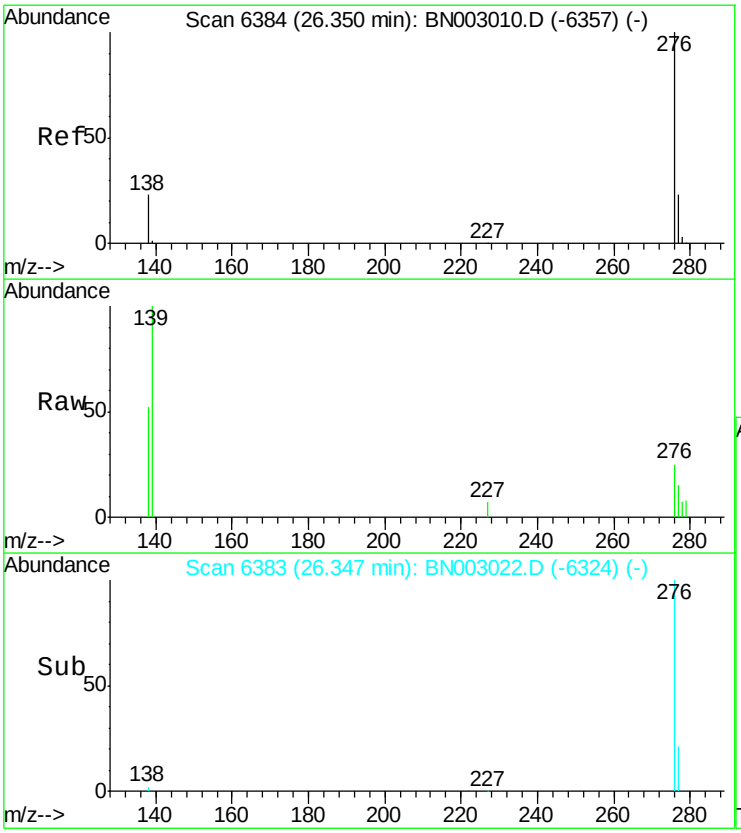
Tgt Ion:276 Resp: 1982

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.5	32.3#
227	0.4	0.3	0.5





#26
Benzo(g,h,i)perylene
Concen: 0.083 ng/ul
RT: 26.35 min Scan# 6383
Delta R.T. -0.00 min
Lab File: BN003022.D
Acq: 09 Oct 2018 12:30

Tgt Ion:276 Resp: 1703

Ion	Ratio	Lower	Upper
276	100		
138	208.8	23.0	34.4#
277	60.6	22.0	33.0#