Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003053.D
Acq On : 10 Oct 2018 06:40
Operator : MJ/SJ
Sample : J5115-20DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLC63DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:24 PM

Quant Time: Oct 10 09:20:48 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 : Wed Oct 10 08:36:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1968	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	8166	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4495	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	10060	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7041	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	6417	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	709	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1649	0.06	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.45	128	7960	0.380	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	2018	0.140	ng/ul	98
7) Acenaphthylene	13.98	152	1303	0.063	ng/ul#	87
8) Acenaphthene	14.32	153	16047	1.028	ng/ul	99
9) Fluorene	15.32	166	13719	0.768	ng/ul	100
12) Phenanthrene	17.06	178	242444	8.645	ng/ul	98
13) Anthracene	17.15	178	45603	1.722	ng/ul	99
15) Fluoranthene	19.08	202	430341	13.081	ng/ul	100
17) Pyrene	19.45	202	357745m	13.082	ng/ul	
18) Benzo(a)anthracene	21.21	228	154549	6.821	ng/ul	99
19) Chrysene	21.26	228	161795	7.032	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	184050m	7.964	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	62146m	2.594	ng/ul	
23) Benzo(a)pyrene	23.34	252	128259	6.193	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.63	276	90787	3.815	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.63	278	21302	1.118	ng/ul	96
26) Benzo(g,h,i)perylene	26.31	276	90987	4.534	ng/ul	93

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

Quantitation Report (QT Reviewed)

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BNA_N
ClientSampleId :
JLC63DL

Manual Integrations APPROVED
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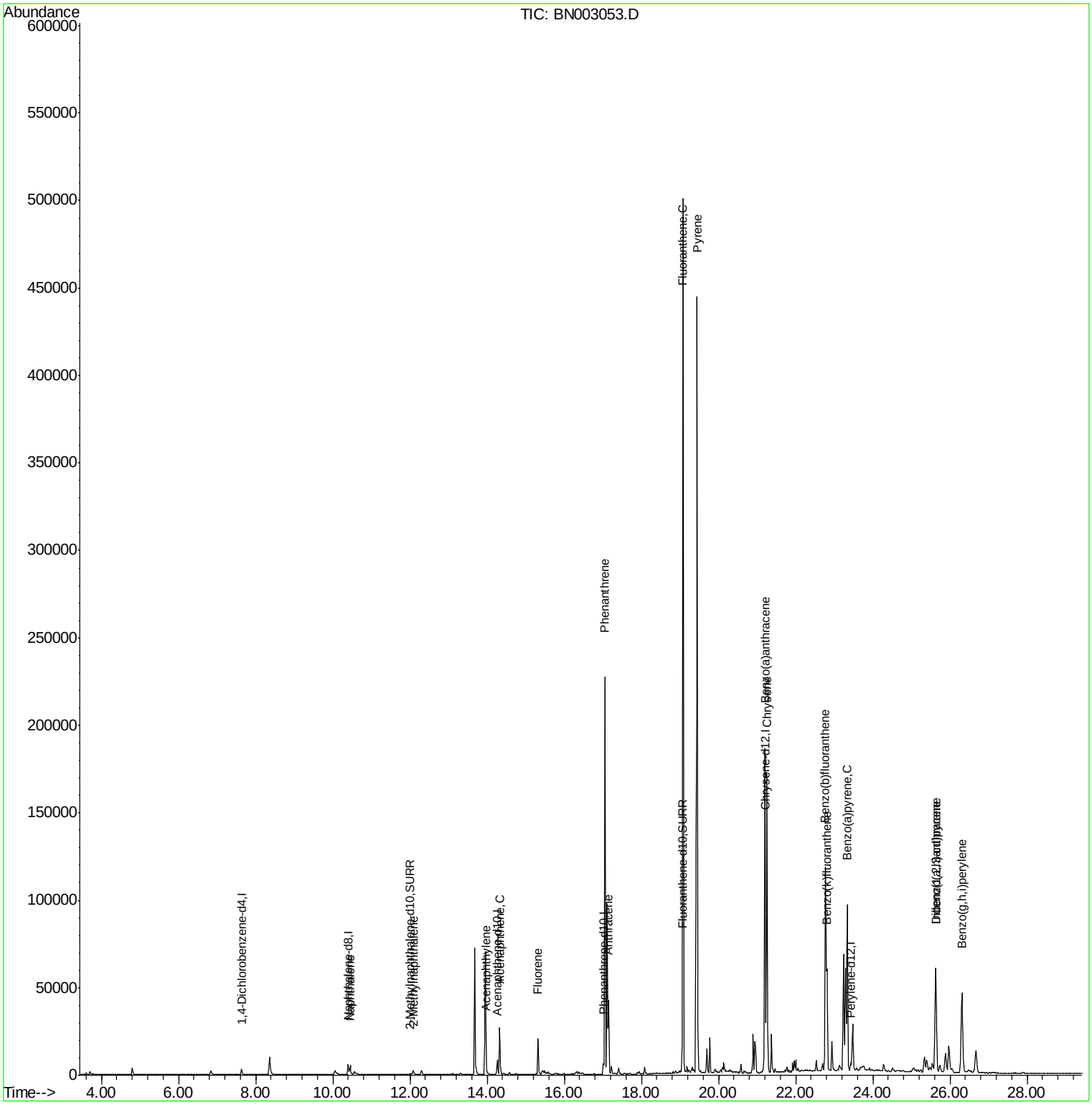
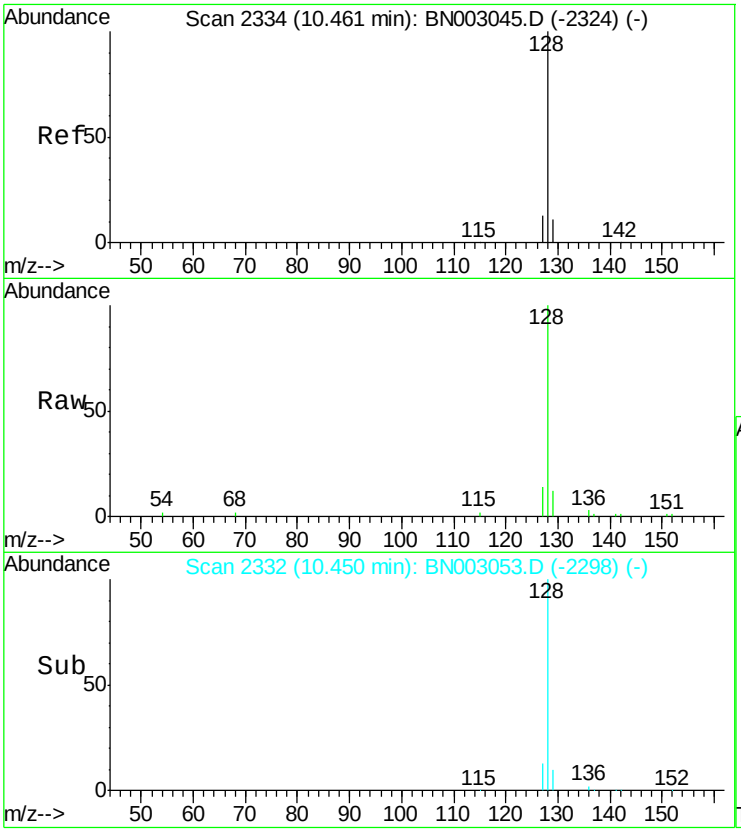
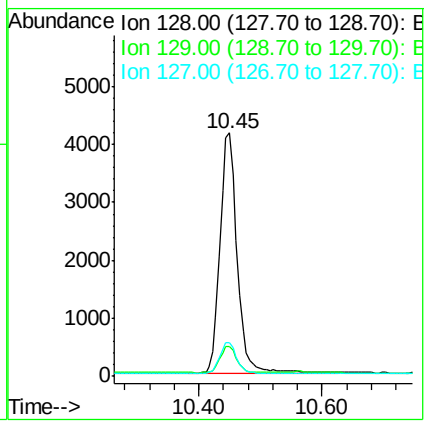




#3
Naphthalene
Concen: 0.380 ng/ul
RT: 10.45 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:128 Resp: 7960

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.4	15.6
127	13.6	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
JLC63DL

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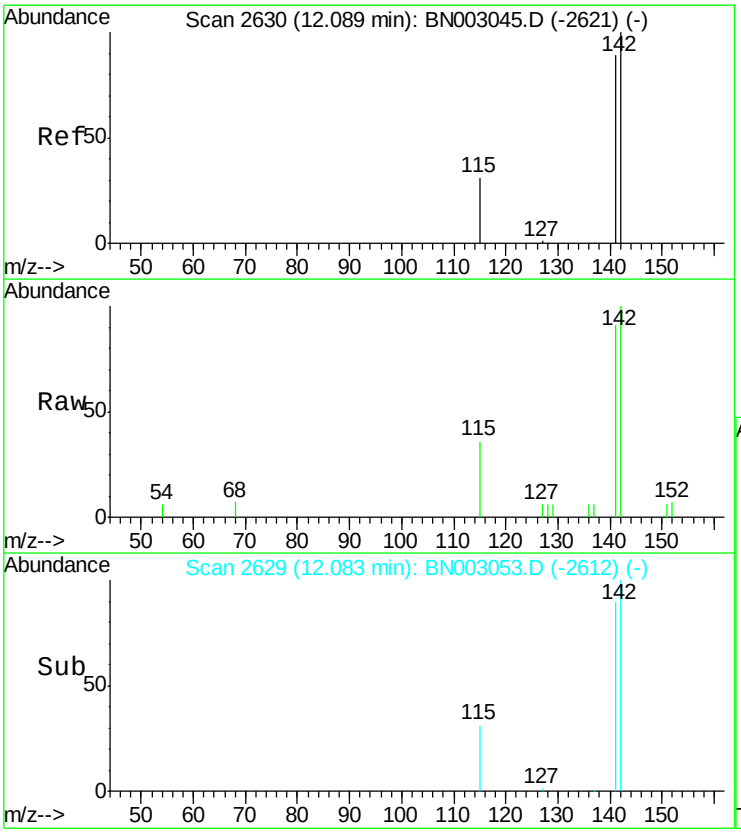
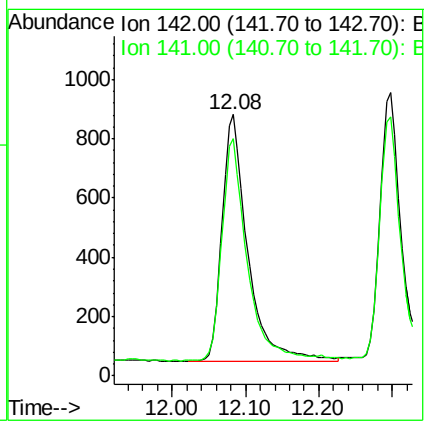
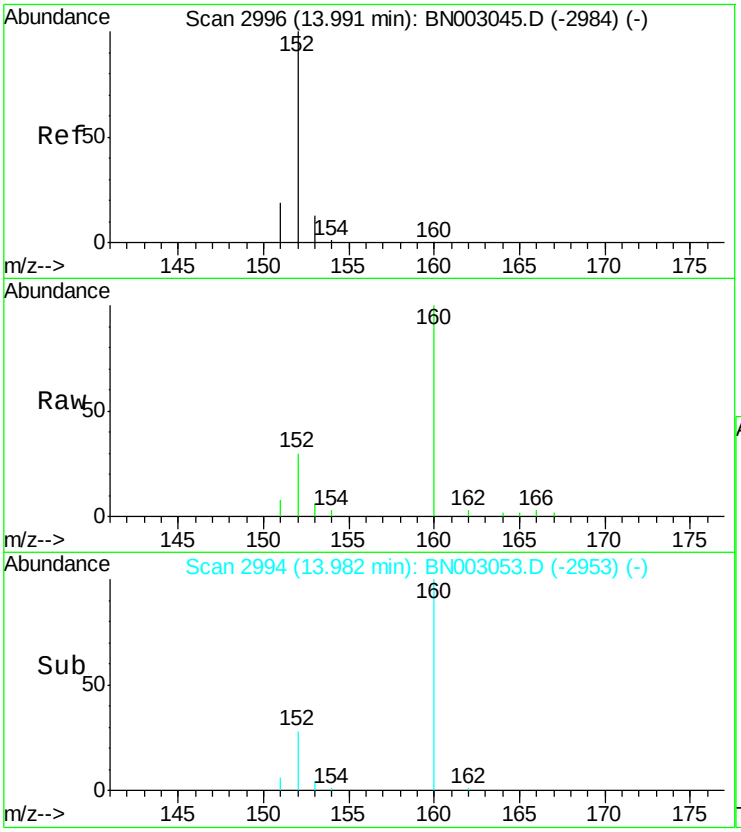


#5
2-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 12.08 min Scan# 2629
Delta R.T. -0.01 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:142 Resp: 2018

Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.4	110.0





#7
Acenaphthylene
Concen: 0.063 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:152 Resp: 1303

Ion	Ratio	Lower	Upper
152	100		
151	26.0	16.5	24.7#
153	20.2	11.4	17.2#

Instrument :
BNA_N
ClientSampleId :
JLC63DL

Manual Integrations APPROVED
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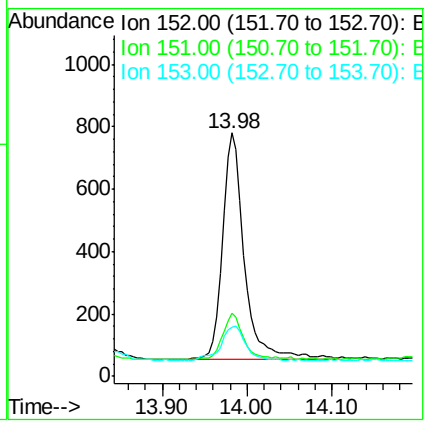
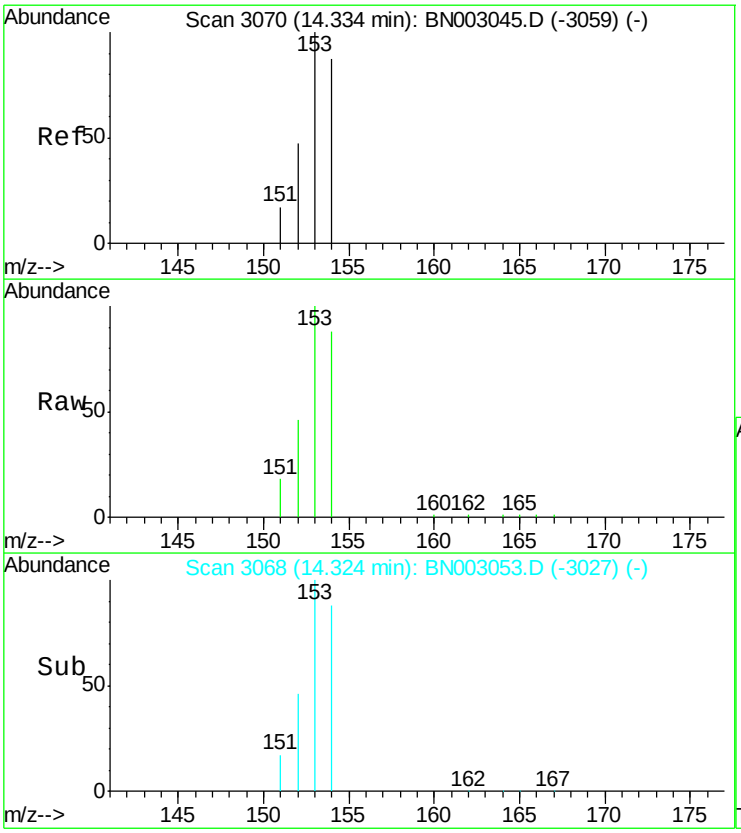
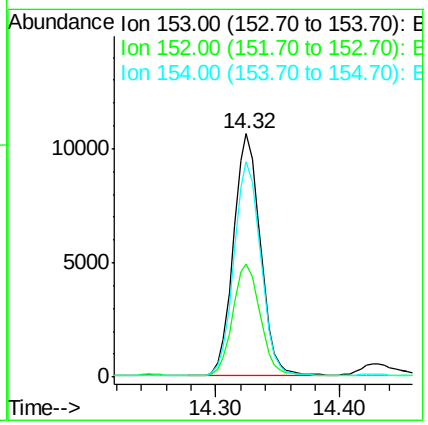


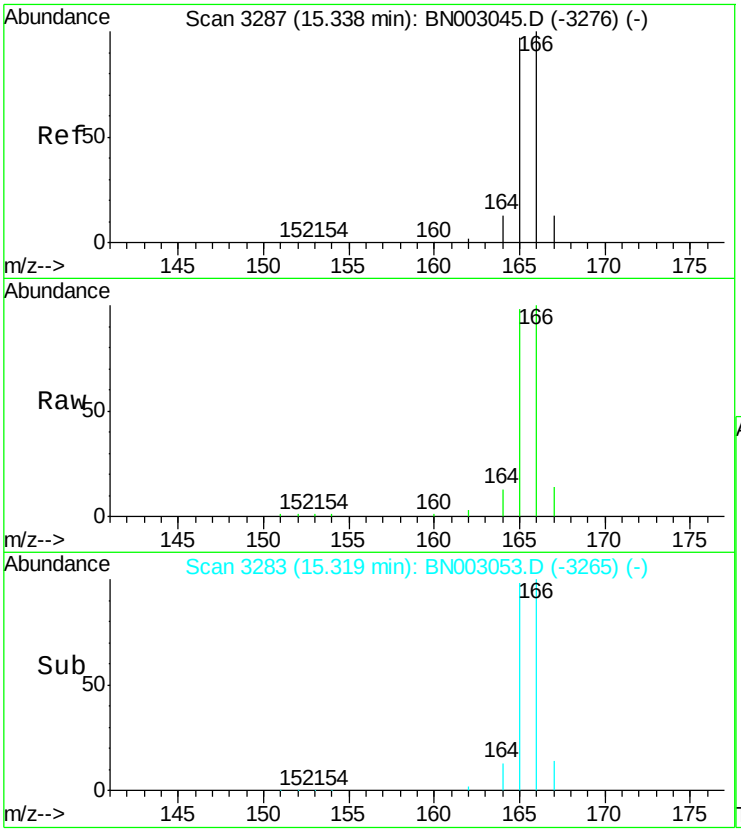


#8
Acenaphthene
Concen: 1.028 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:153 Resp: 16047

Ion	Ratio	Lower	Upper
153	100		
152	46.4	38.2	57.4
154	88.3	70.2	105.2

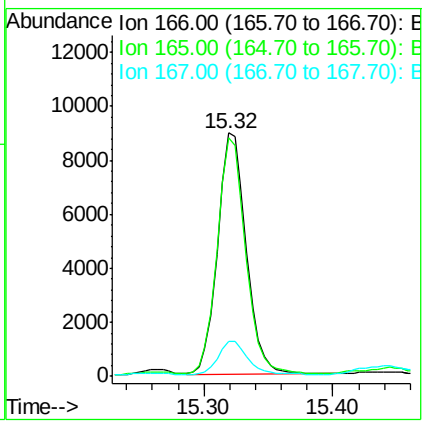




#9
Fluorene
Concen: 0.768 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.02 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:166 Resp: 13719

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.5	117.7
167	14.2	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
JLC63DL

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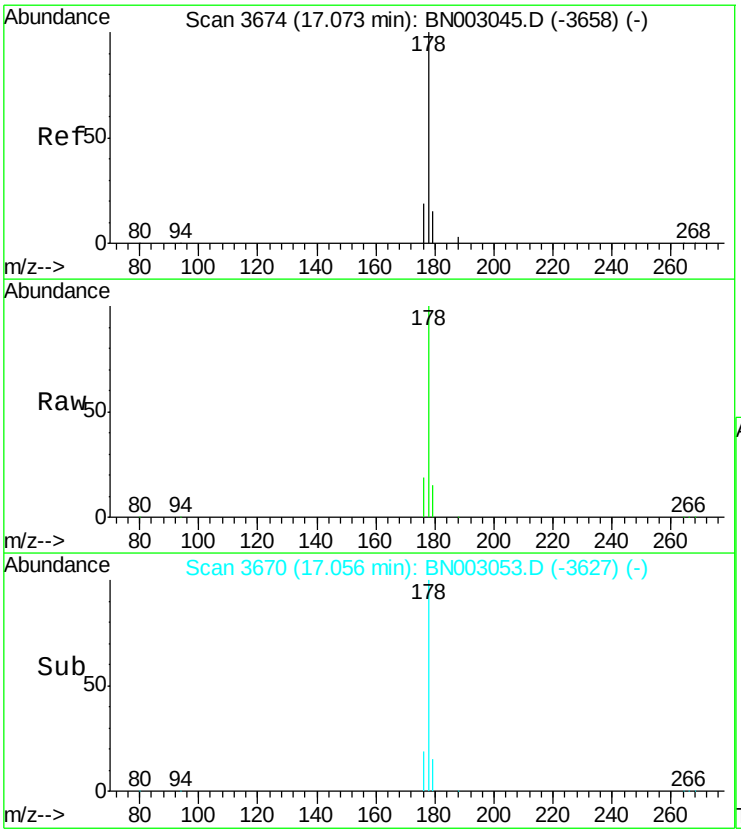
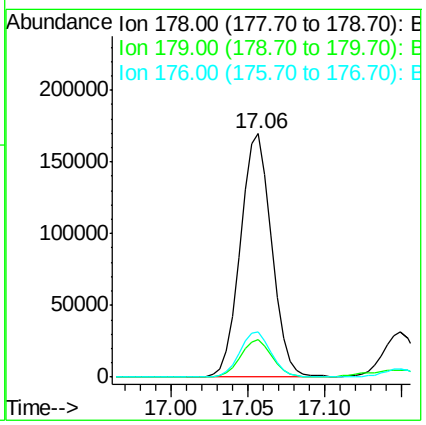
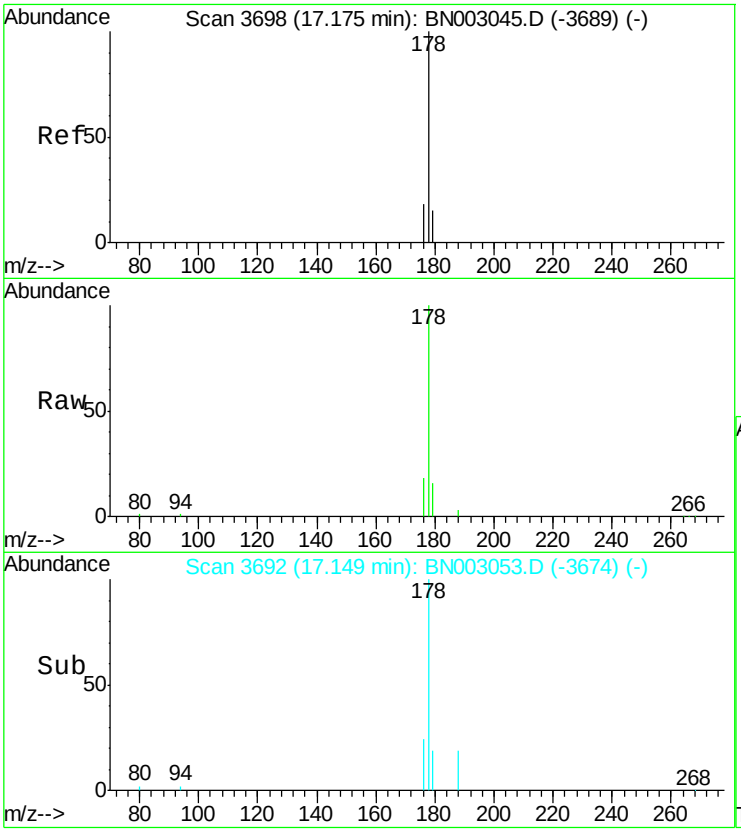


#12
Phenanthrene
Concen: 8.645 ng/ul
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:178 Resp: 242444

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.6	15.4	23.2





#13
Anthracene
Concen: 1.722 ng/ul
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:178 Resp: 45603

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.6
176	18.2	15.3	22.9

Instrument :
BNA_N
ClientSampleId :
JLC63DL

Manual Integrations APPROVED
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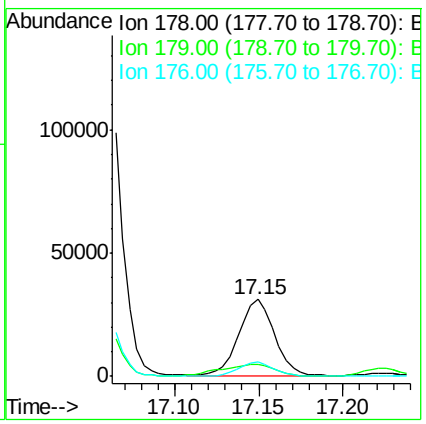
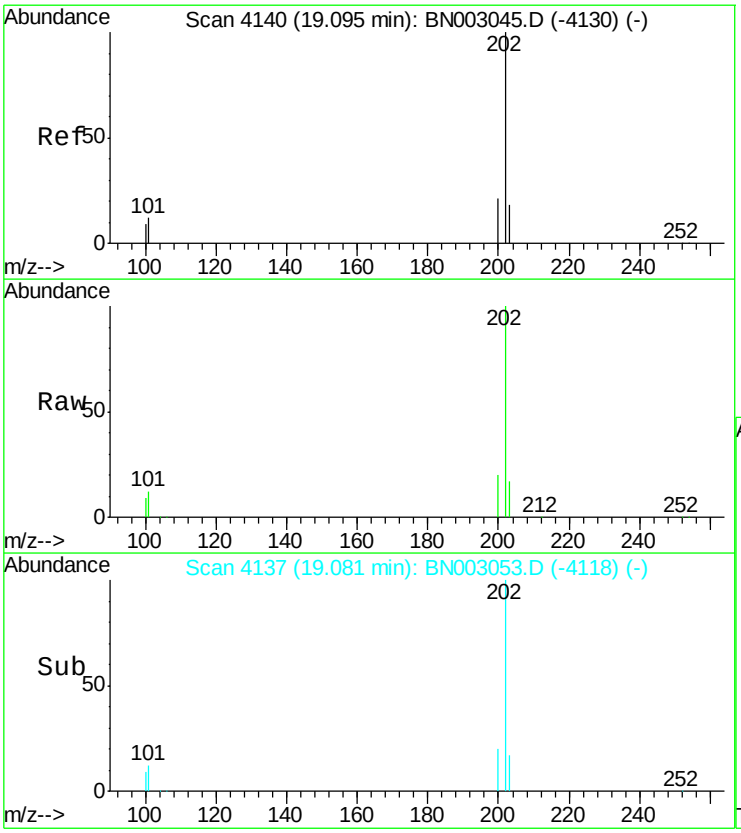
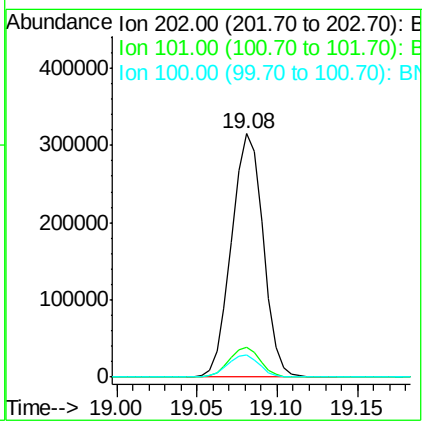


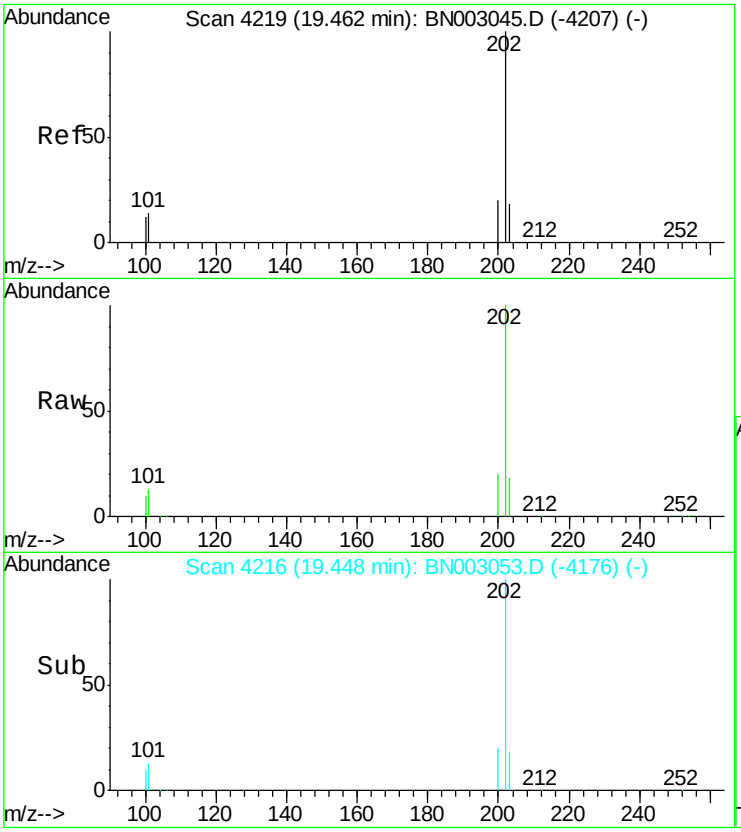


#15
Fluoranthene
Concen: 13.081 ng/ul
RT: 19.08 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:202 Resp: 430341

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.3
100	9.1	0.0	29.1

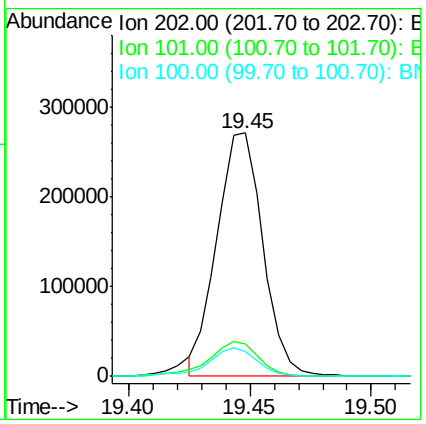




#17
Pyrene
Concen: 13.082 ng/ul m
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:202 Resp: 357745

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.9	17.9
100	10.4	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
JLC63DL

Manual Integrations APPROVED
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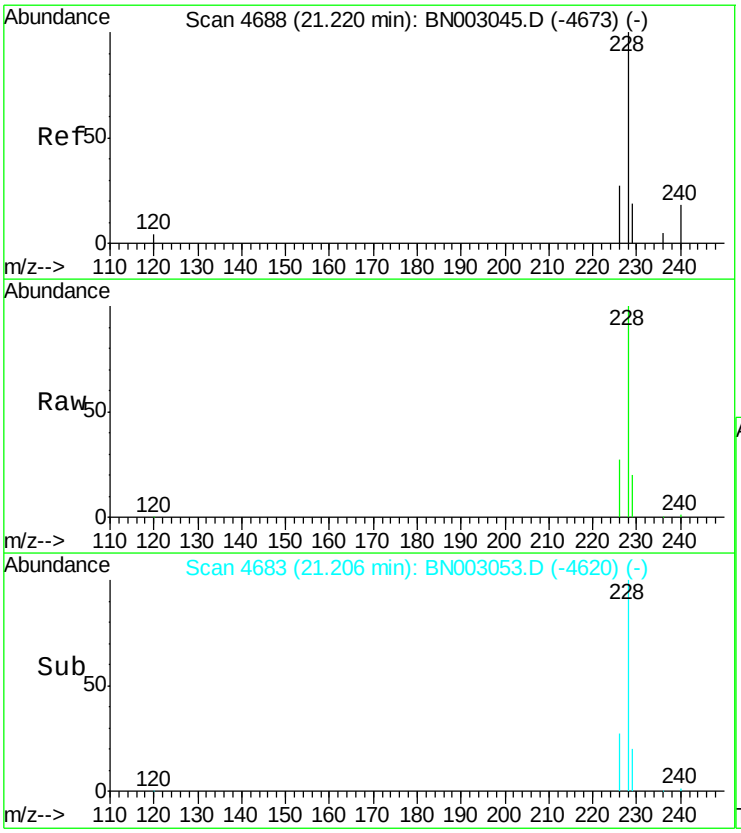
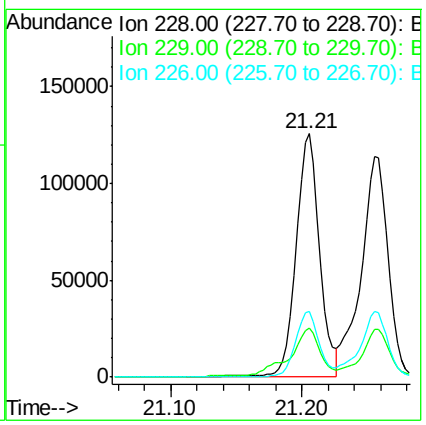
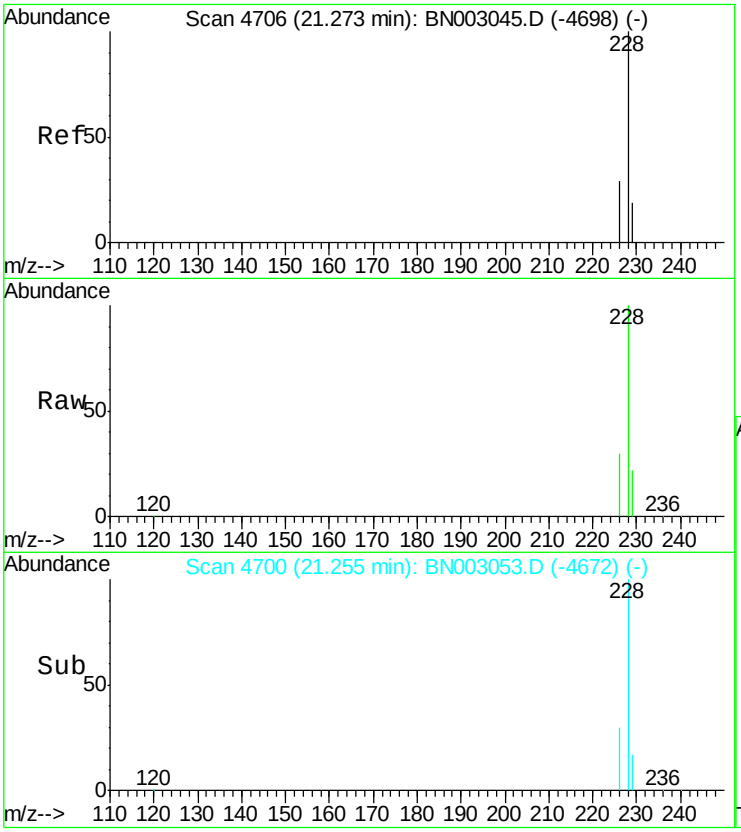


#18
Benzo(a)anthracene
Concen: 6.821 ng/ul
RT: 21.21 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:228 Resp: 154549

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.2	24.2
226	26.9	22.3	33.5





#19
Chrysene
Concen: 7.032 ng/ul
RT: 21.26 min Scan# 4700
Delta R.T. -0.02 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:228 Resp: 161795

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.5	16.7	25.1

Instrument :
BNA_N
ClientSampleId :
JLC63DL

Manual Integrations APPROVED
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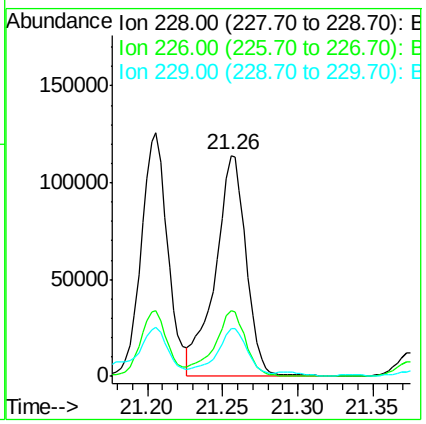
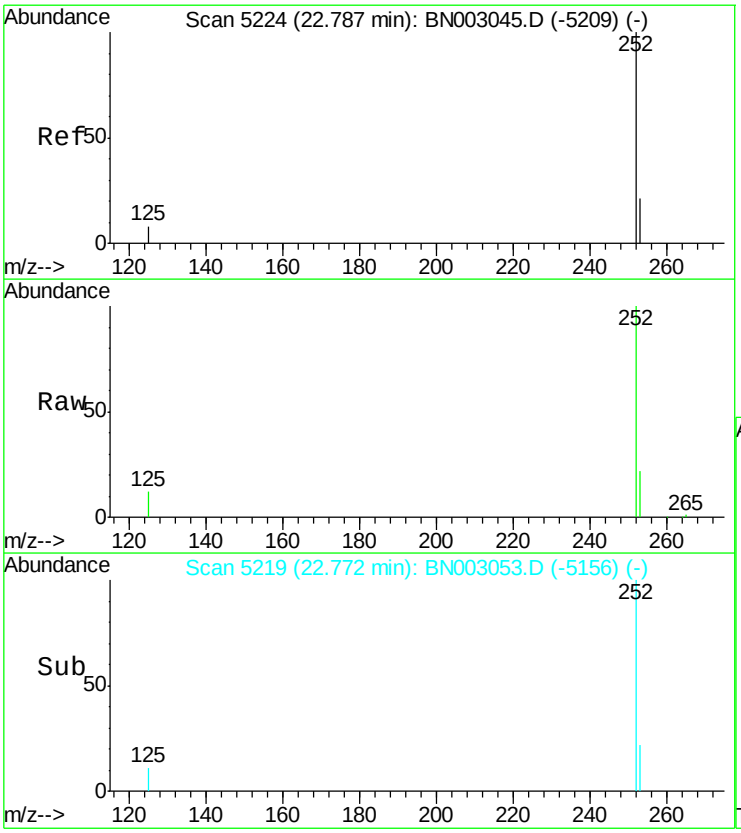
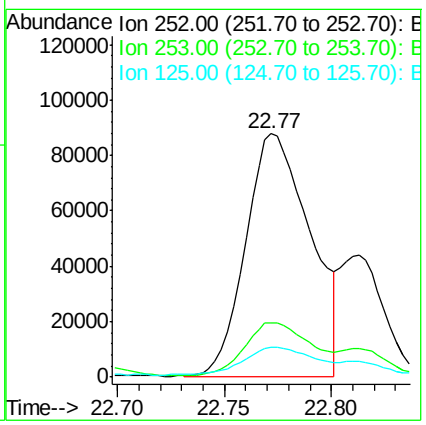


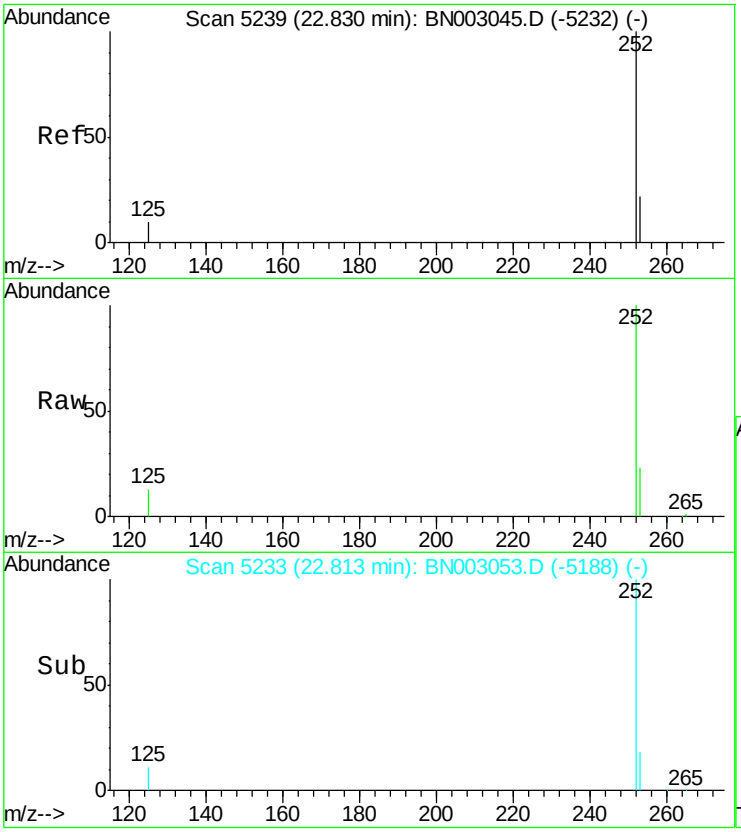


#21
Benzo(b)fluoranthene
Concen: 7.964 ng/ul m
RT: 22.77 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:252 Resp: 184050

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	53.2
125	12.1	0.0	34.2





#22
Benzo(k)fluoranthene
Concen: 2.594 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.02 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:252 Resp: 62146

Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.3	31.9
125	12.7	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
JLC63DL

Manual Integrations APPROVED
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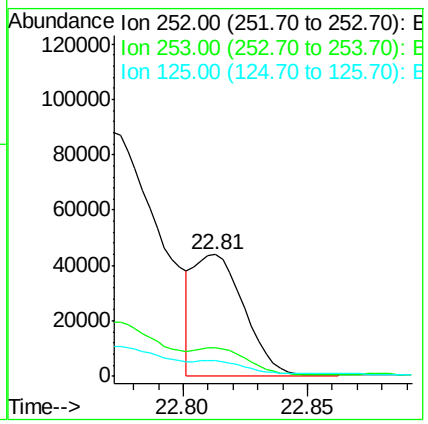
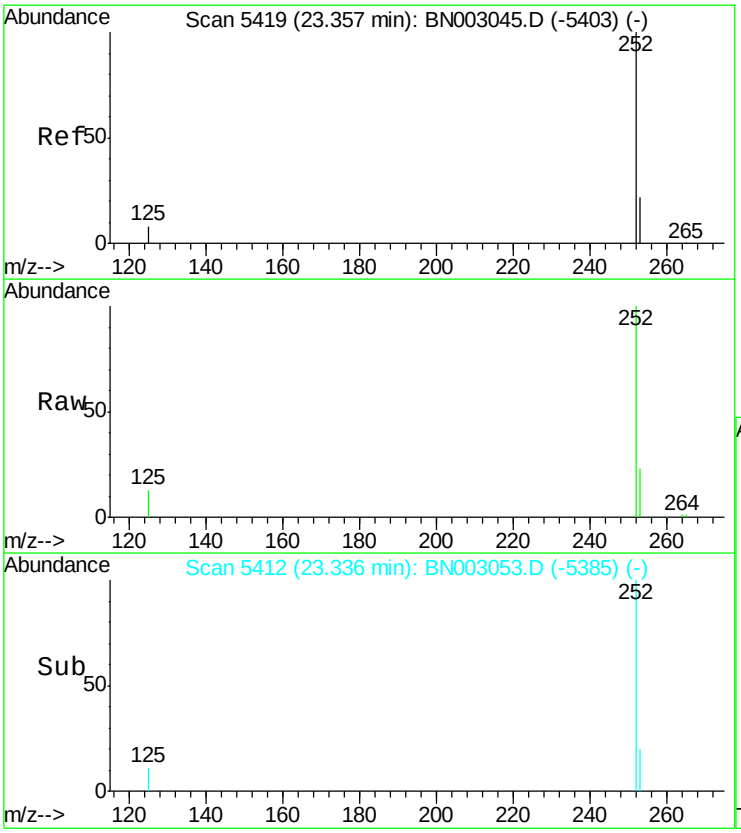
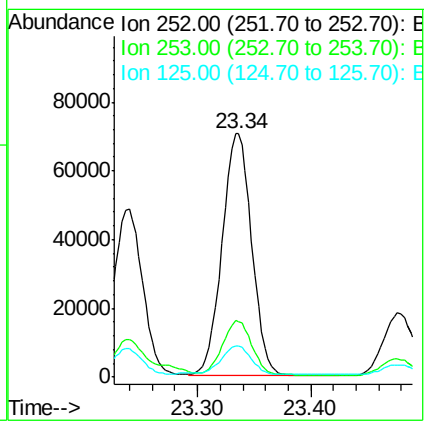


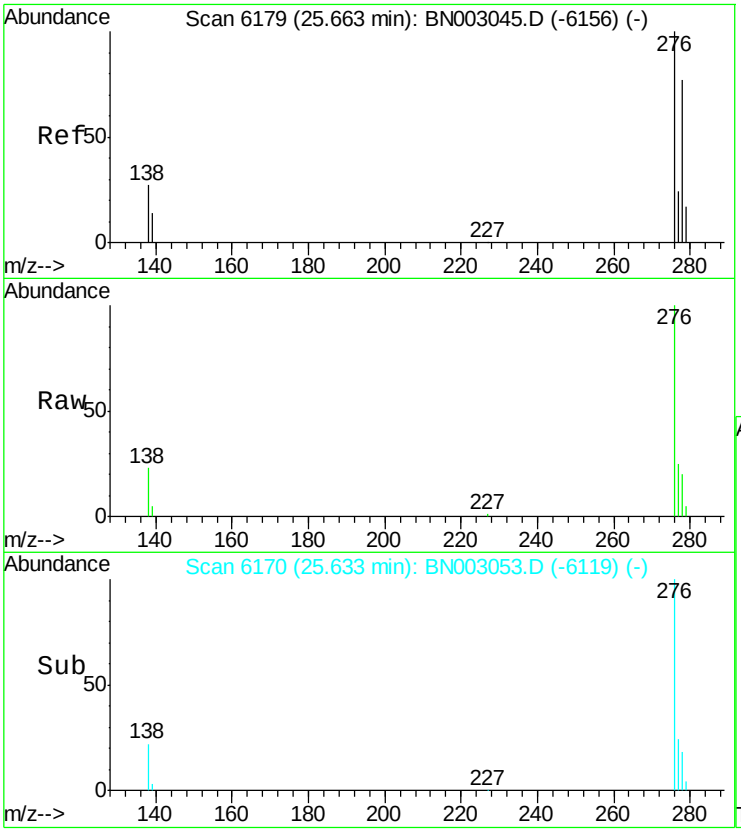


#23
Benzo(a)pyrene
Concen: 6.193 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:252 Resp: 128259

Ion	Ratio	Lower	Upper
252	100		
253	23.0	23.1	34.7#
125	12.7	16.9	25.3#





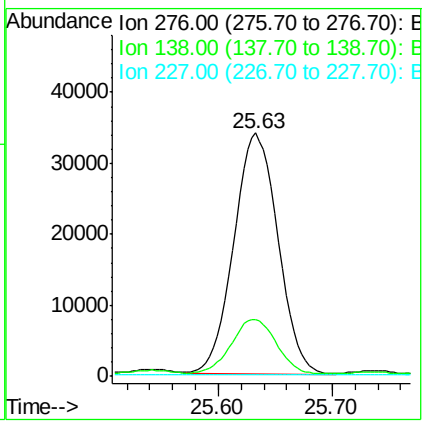
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.815 ng/ul
RT: 25.63 min Scan# 6170
Delta R.T. -0.03 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

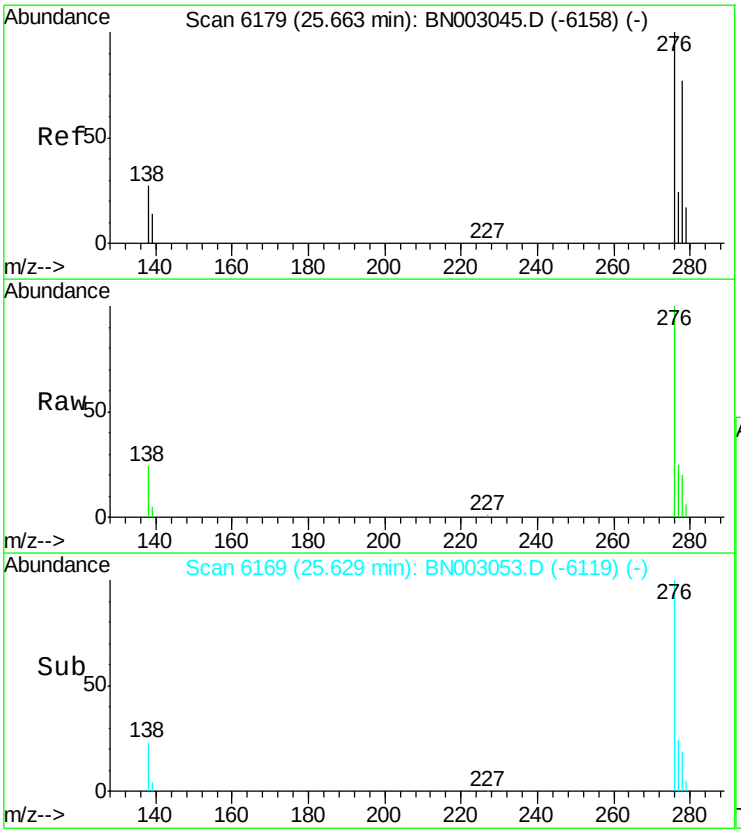
Tgt Ion:276 Resp: 90787

Ion	Ratio	Lower	Upper
276	100		
138	23.2	21.5	32.3
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
JLC63DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:24 PM

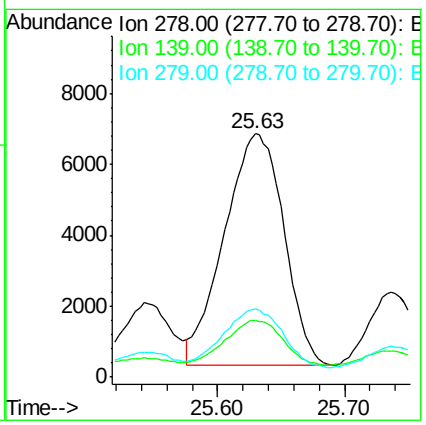


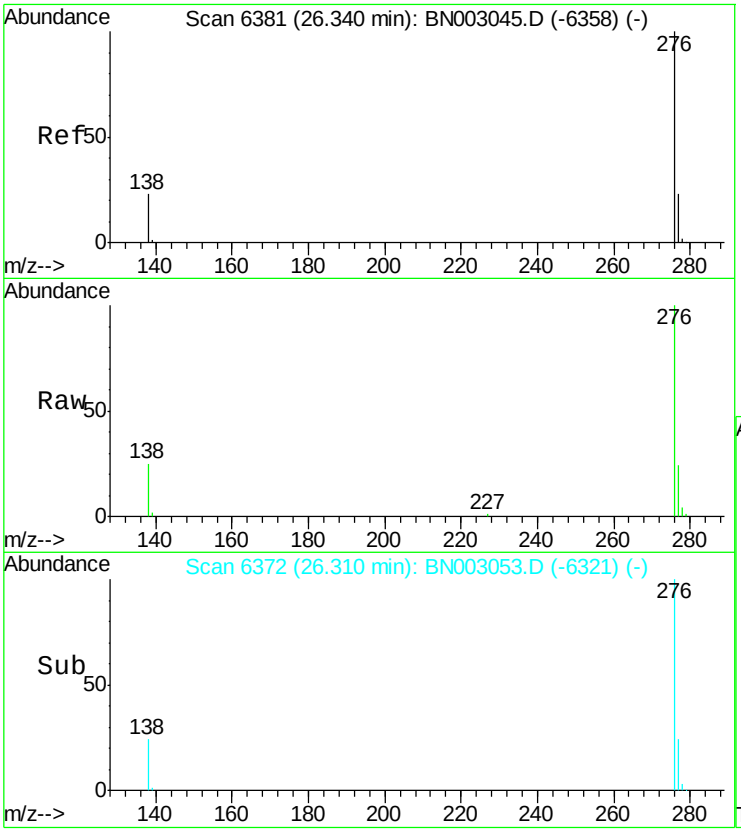


#25
Dibenzo(a,h)anthracene
Concen: 1.118 ng/ul
RT: 25.63 min Scan# 6169
Delta R.T. -0.03 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:278 Resp: 21302

Ion	Ratio	Lower	Upper
278	100		
139	23.4	20.2	30.4
279	27.8	23.8	35.8

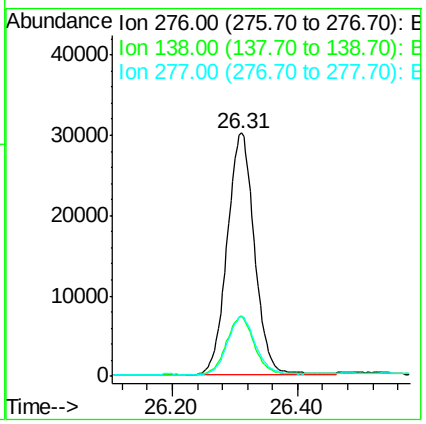




#26
Benzo(g,h,i)perylene
Concen: 4.534 ng/ul
RT: 26.31 min Scan# 6372
Delta R.T. -0.03 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:276 Resp: 90987

Ion	Ratio	Lower	Upper
276	100		
138	24.6	23.0	34.4
277	24.3	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
JLC63DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:24 PM