Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003014.D
Acq On : 09 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5116-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 09 09:15:29 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

Instrument :
BNA_N
ClientSampleId :
JLC52

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1178	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5184	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3245	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7515m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7564m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	7921m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3004	0.37	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	8269m	0.38	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	9042	0.680	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	2137	0.233	ng/ul	95
7) Acenaphthylene	13.98	152	3301	0.222	ng/ul	96
8) Acenaphthene	14.32	153	12386	1.099	ng/ul	98
9) Fluorene	15.32	166	11800	0.914	ng/ul	98
11) Pentachlorophenol	16.71	266	396m	0.543	ng/ul	
12) Phenanthrene	17.06	178	186523m	8.904	ng/ul	
13) Anthracene	17.15	178	41848m	2.115	ng/ul	
15) Fluoranthene	19.08	202	377846m	15.374	ng/ul	
17) Pyrene	19.45	202	328258	11.174	ng/ul	96
18) Benzo(a)anthracene	21.21	228	187319m	7.696	ng/ul	
19) Chrysene	21.26	228	303039m	12.261	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	378076m	13.253	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	100526m	3.399	ng/ul	
23) Benzo(a)pyrene	23.34	252	160960m	6.296	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	127525m	4.341	ng/ul	
25) Dibenzo(a,h)anthracene	25.64	278	32857m	1.397	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	114170m	4.609	ng/ul	

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

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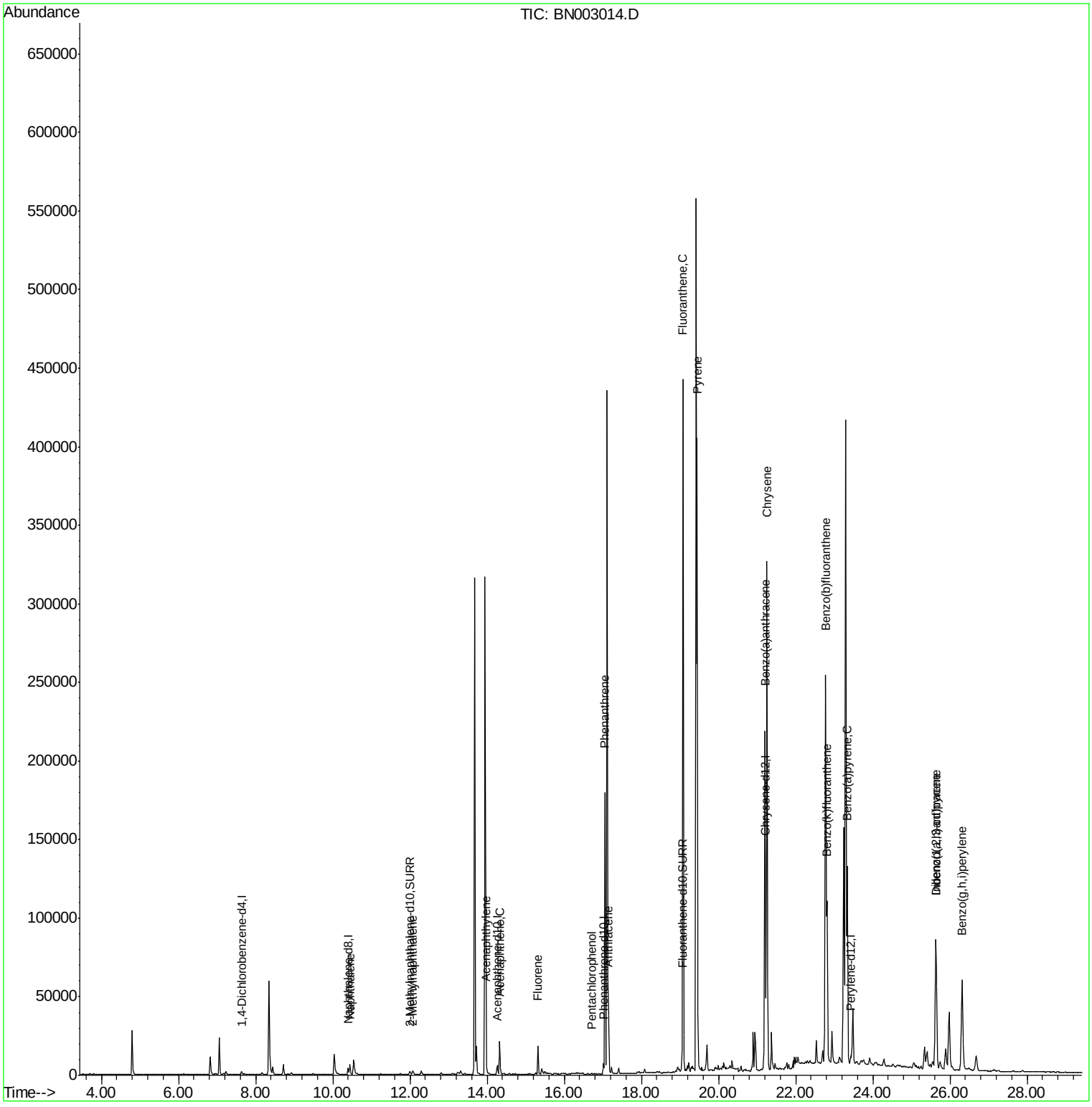
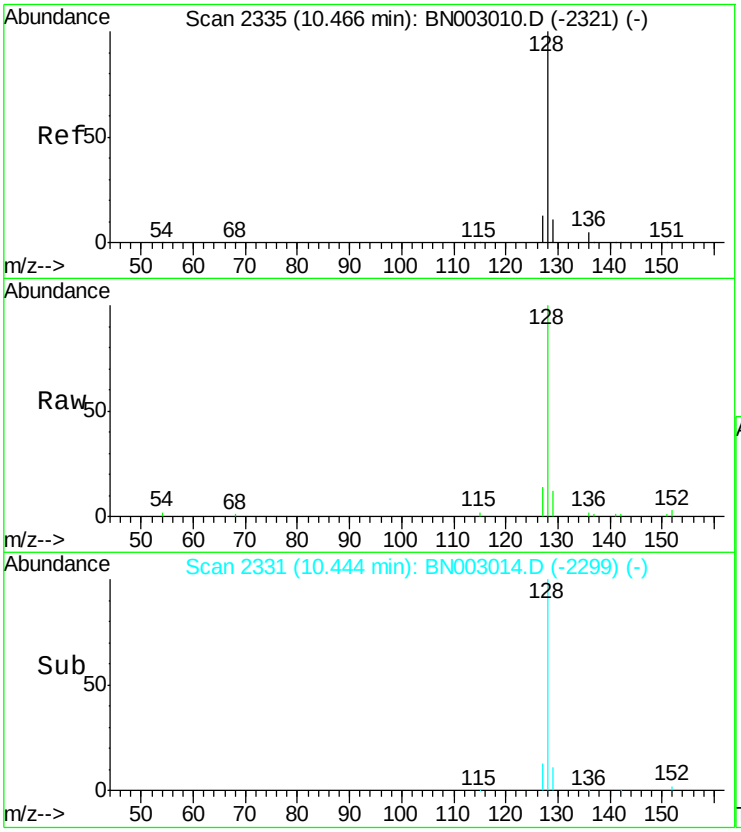
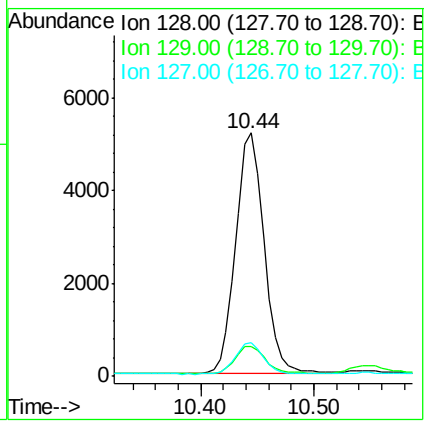




#3
Naphthalene
Concen: 0.680 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:128 Resp: 9042

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.4	15.6
127	13.6	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
JLC52

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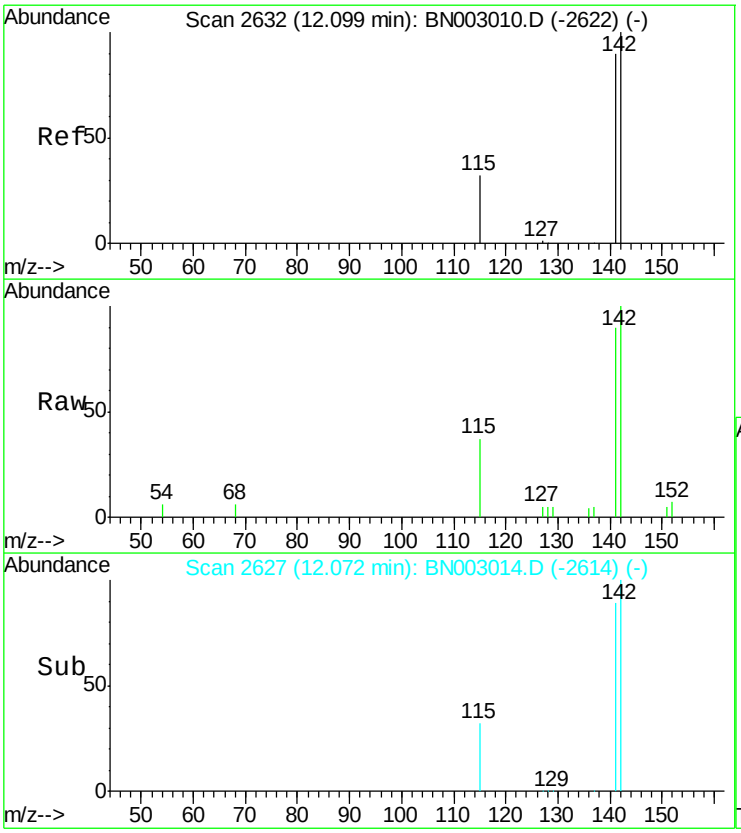
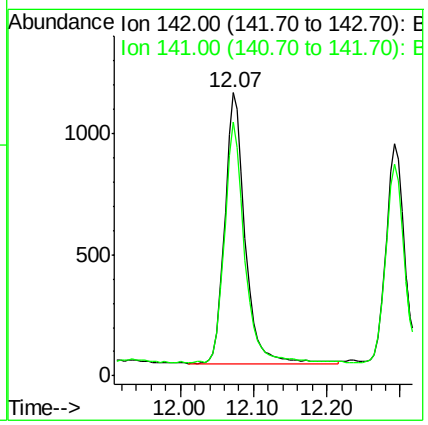
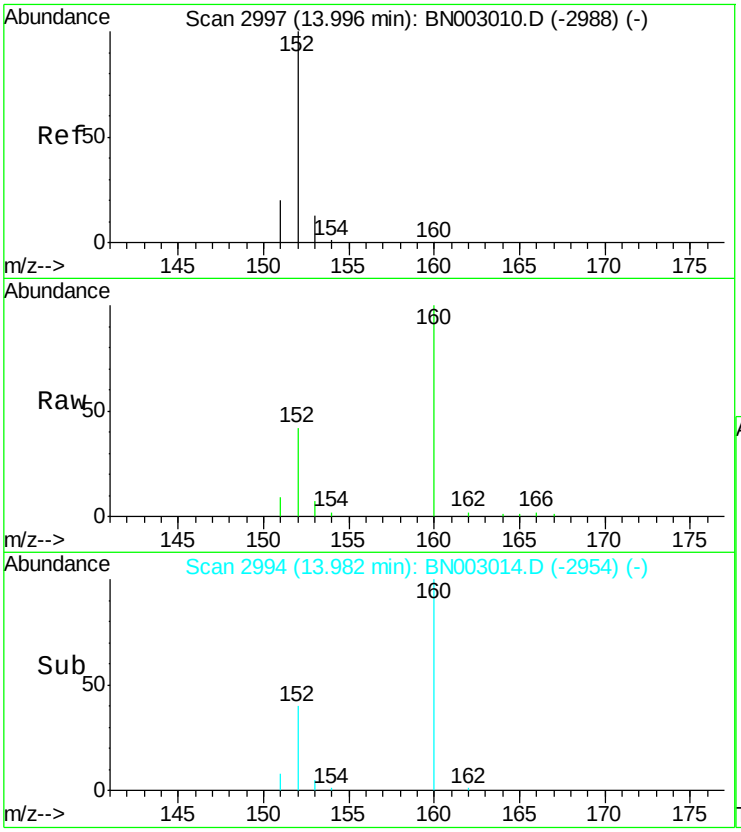


#5
2-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 12.07 min Scan# 2627
Delta R.T. -0.03 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:142 Resp: 2137

Ion	Ratio	Lower	Upper
142	100		
141	87.3	73.4	110.0

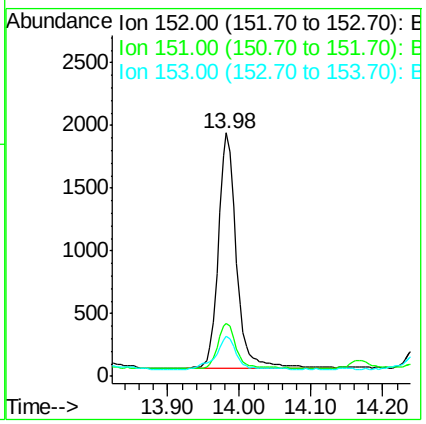




#7
Acenaphthylene
Concen: 0.222 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:152 Resp: 3301

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.5	24.7
153	16.2	11.4	17.2



Instrument :
BNA_N
ClientSampleId :
JLC52

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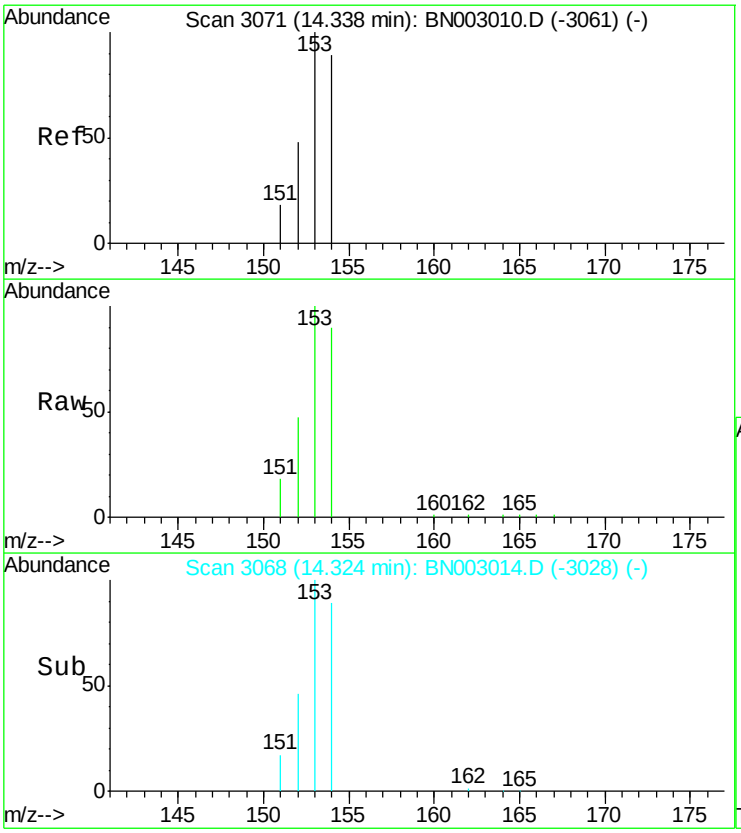
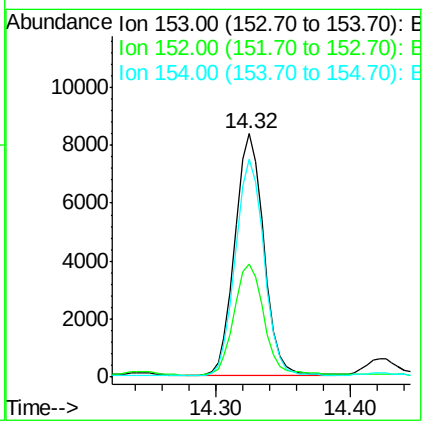
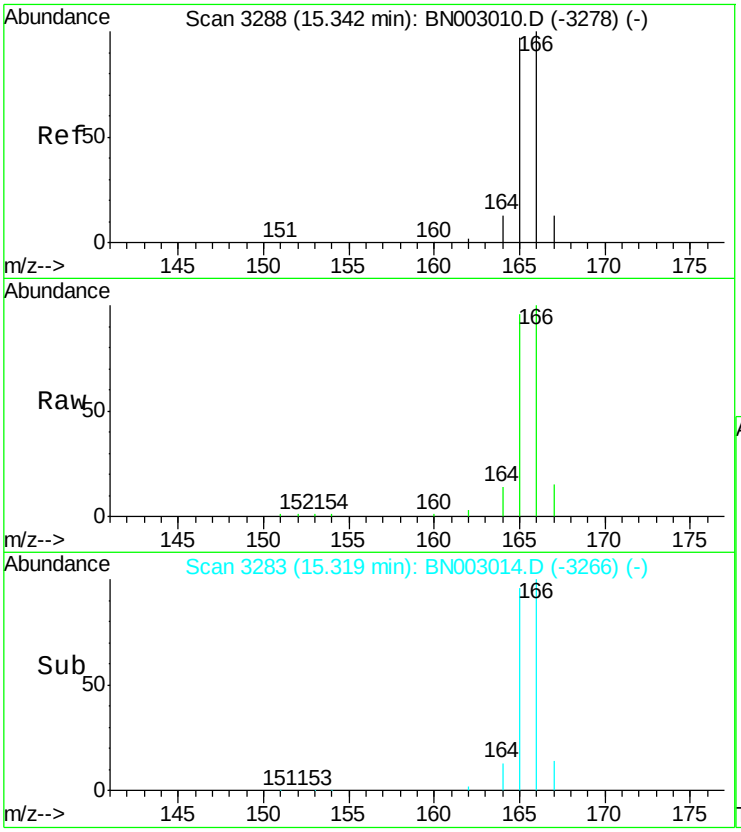


#8
Acenaphthene
Concen: 1.099 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:153 Resp: 12386

Ion	Ratio	Lower	Upper
153	100		
152	46.6	38.2	57.4
154	89.5	70.2	105.2

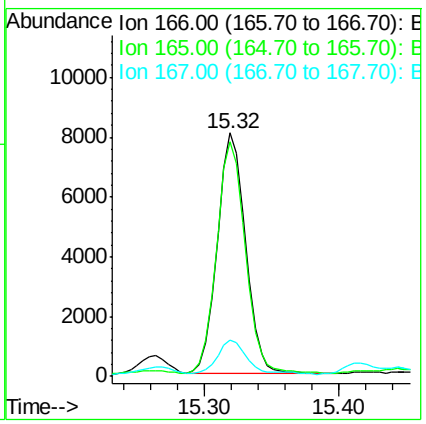




#9
Fluorene
Concen: 0.914 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.02 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:166 Resp: 11800

Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.5	117.7
167	14.7	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
JLC52

Manual Integrations APPROVED
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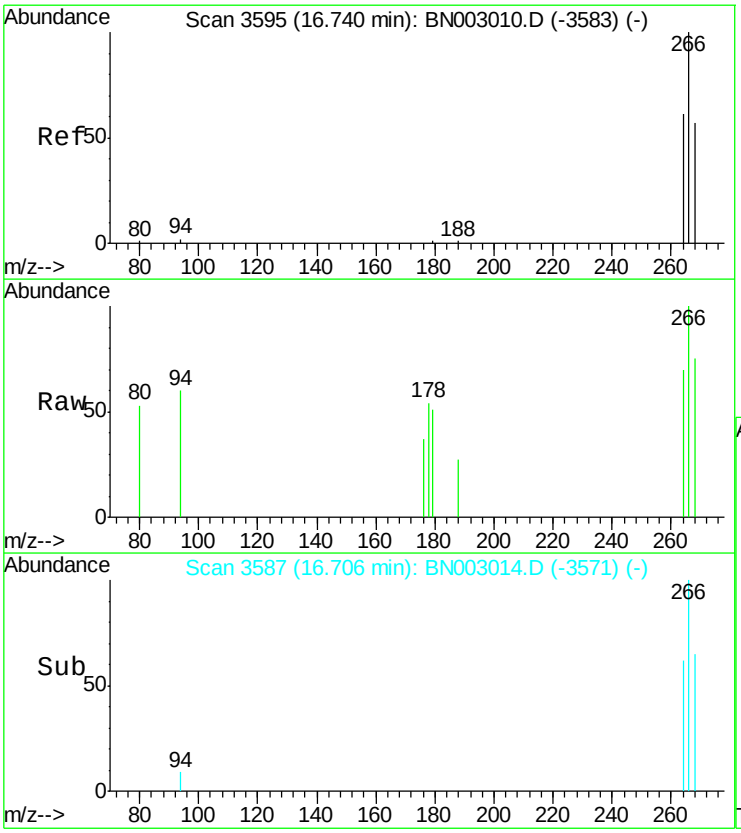
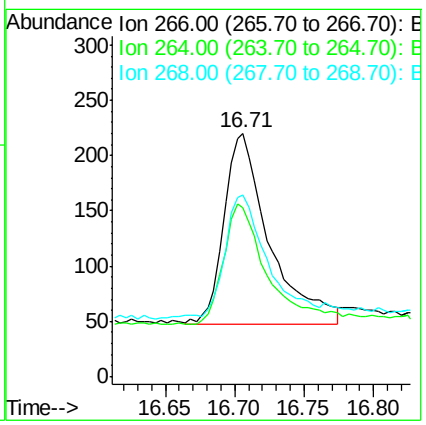
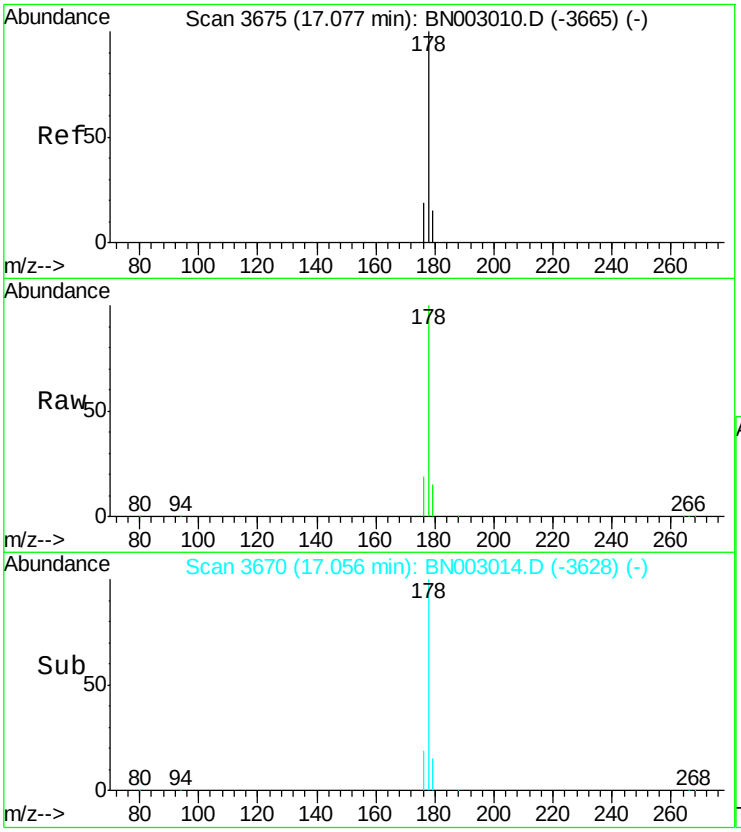


#11
Pentachlorophenol
Concen: 0.543 ng/ul m
RT: 16.71 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:266 Resp: 396

Ion	Ratio	Lower	Upper
266	100		
264	0.8	52.5	78.7#
268	1.0	48.6	72.8#

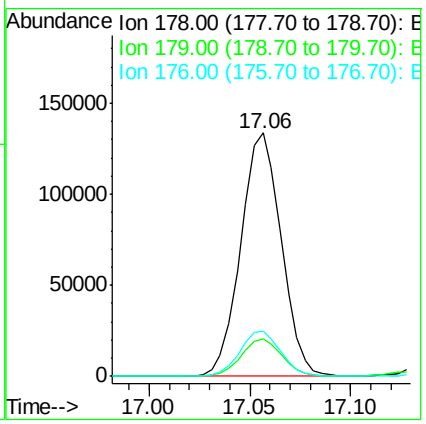




#12
Phenanthrene
Concen: 8.904 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:178 Resp: 186523

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



Instrument :
BNA_N
ClientSampleId :
JLC52

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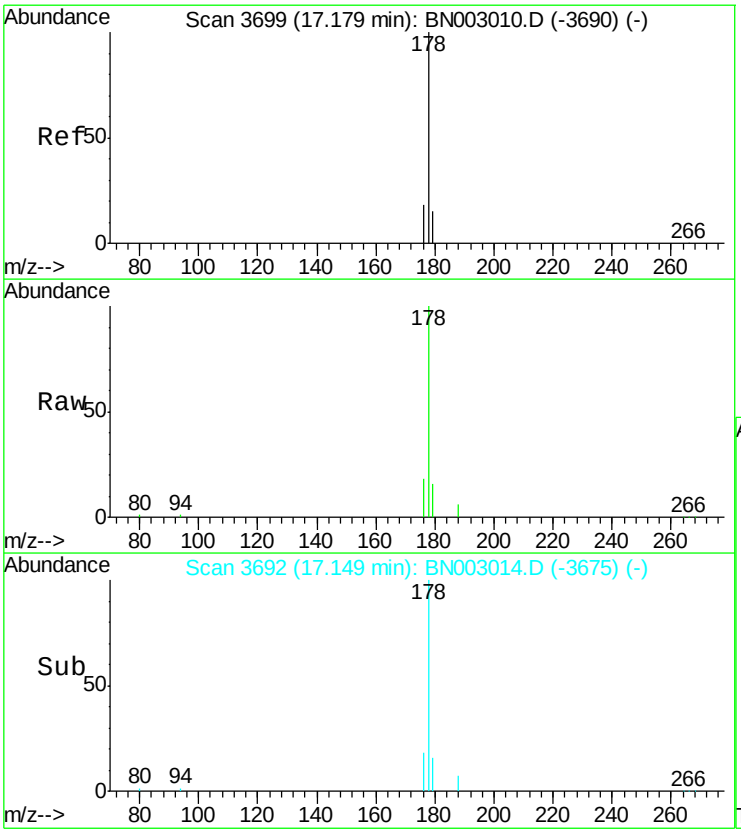
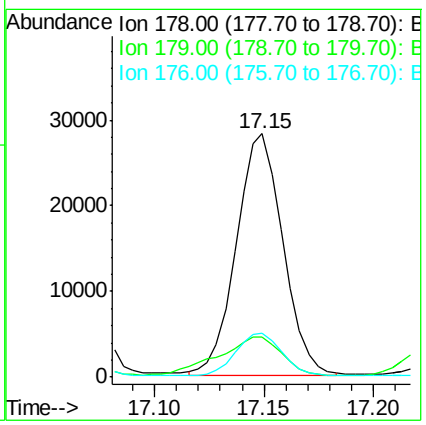
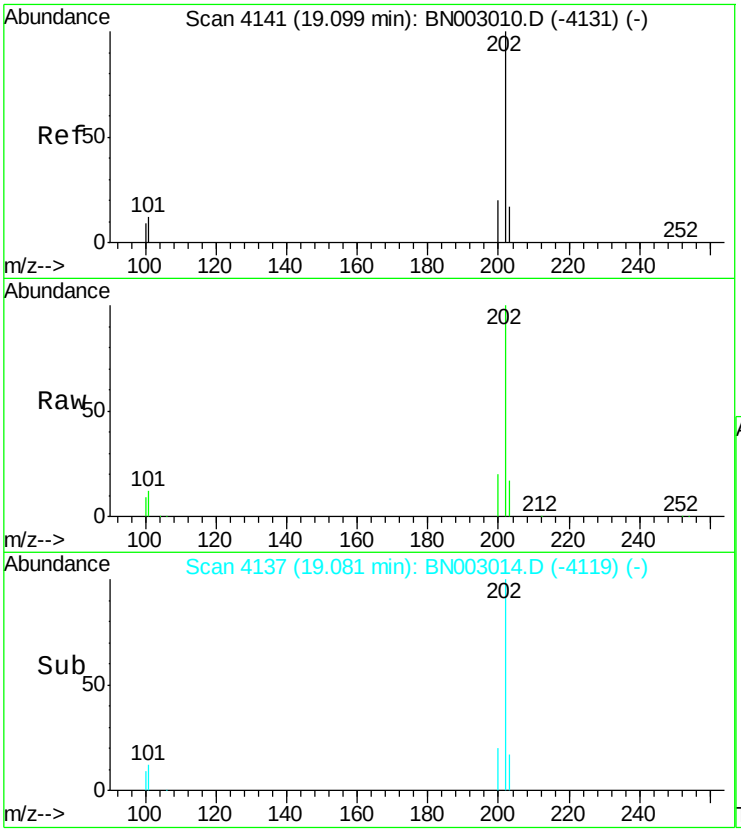


#13
Anthracene
Concen: 2.115 ng/ul m
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:178 Resp: 41848

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	17.9	15.3	22.9

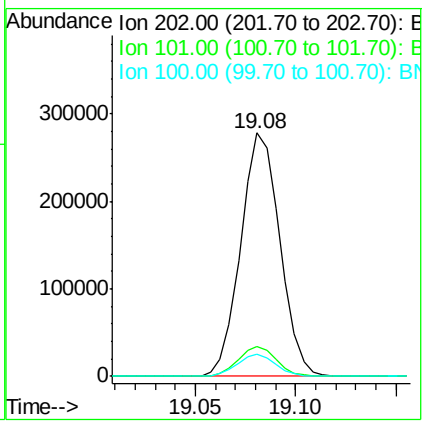




#15
Fluoranthene
Concen: 15.374 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.02 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:202 Resp: 377846

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



Instrument :
BNA_N
ClientSampleId :
JLC52

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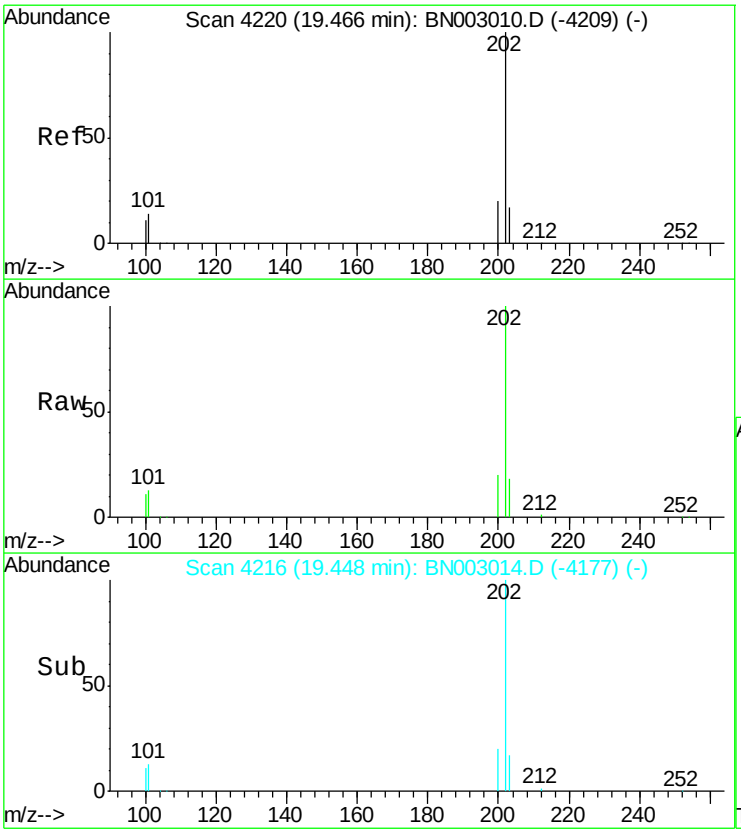
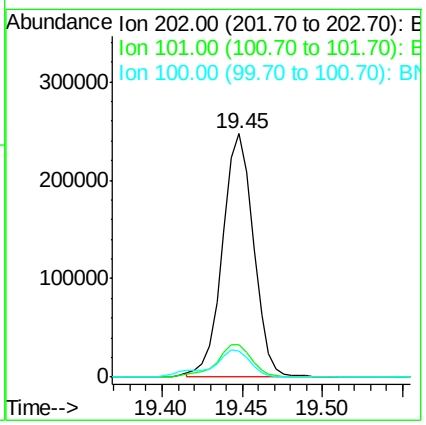
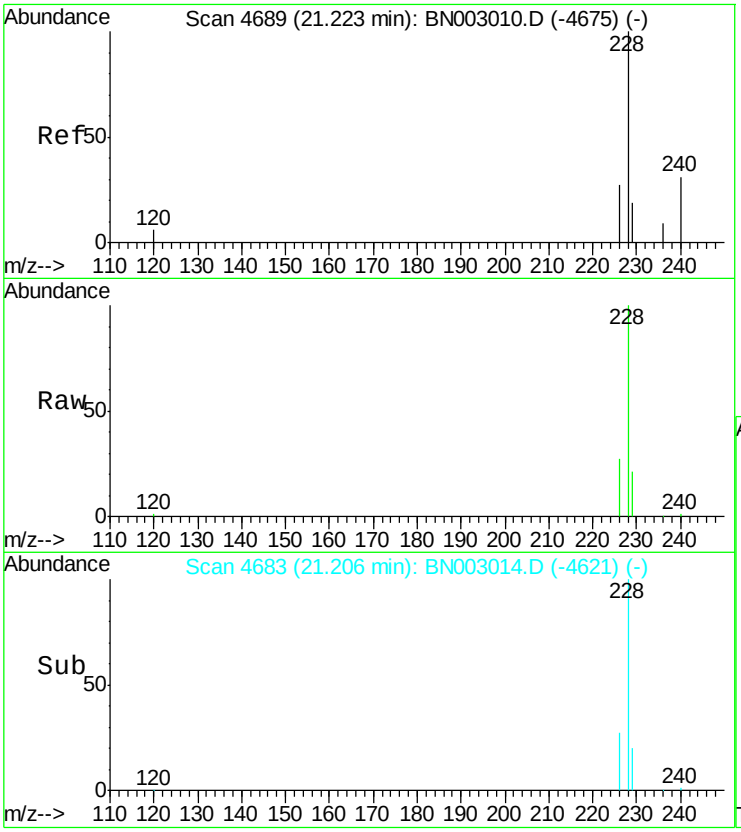


#17
Pyrene
Concen: 11.174 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:202 Resp: 328258

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.9	17.9
100	10.8	9.9	14.9

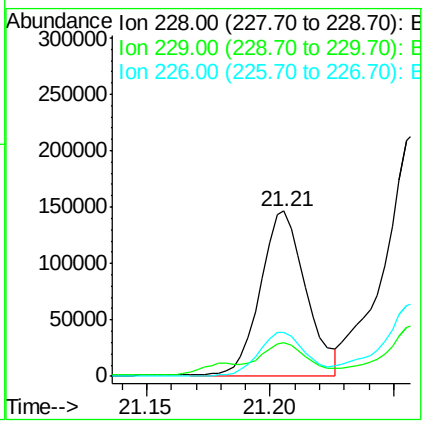




#18
Benzo(a)anthracene
Concen: 7.696 ng/ul m
RT: 21.21 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:228 Resp: 187319

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.2
226	26.9	22.3	33.5



Instrument :
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ClientSampleId :
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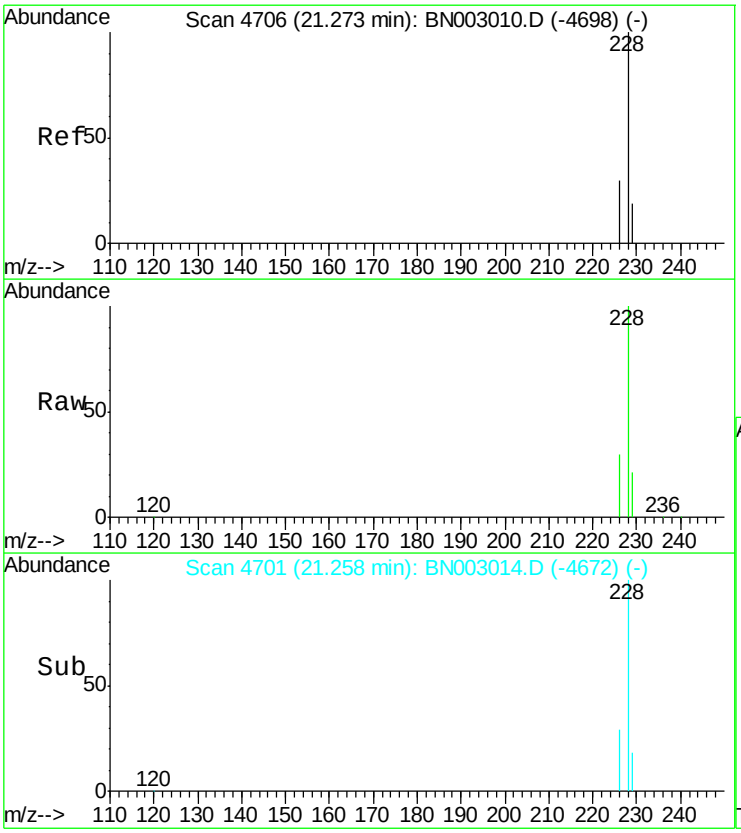
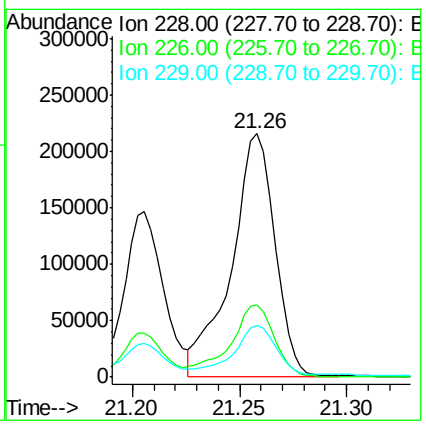
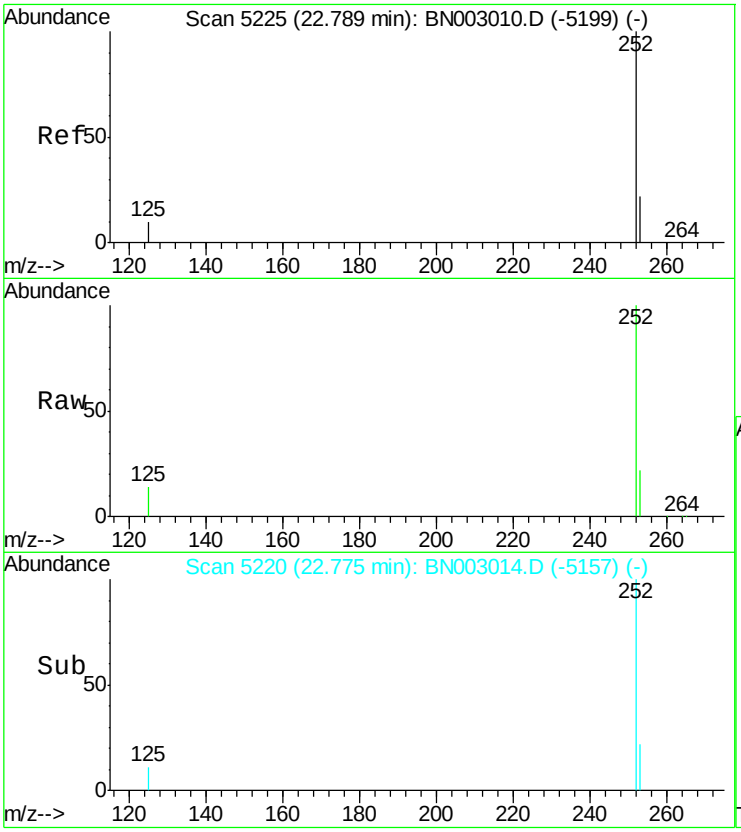


#19
Chrysene
Concen: 12.261 ng/ul m
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:228 Resp: 303039

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	21.4	16.7	25.1

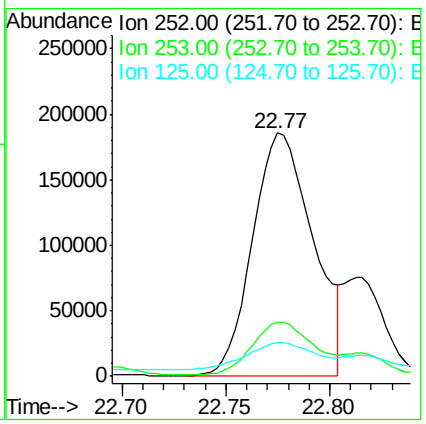




#21
Benzo(b)fluoranthene
Concen: 13.253 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:252 Resp: 378076

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	53.2
125	13.8	0.0	34.2



Instrument :
BNA_N
ClientSampleId :
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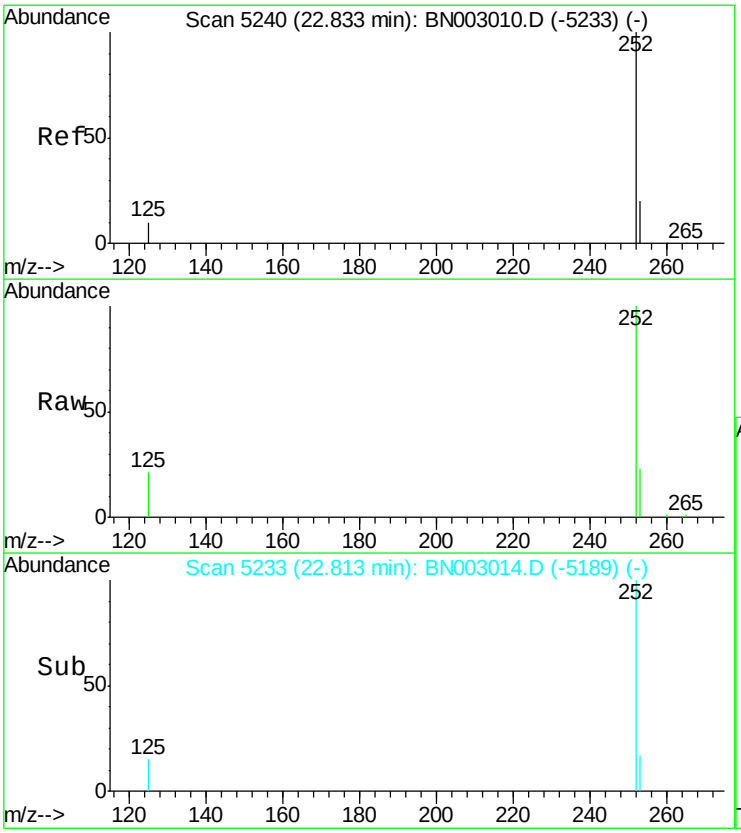
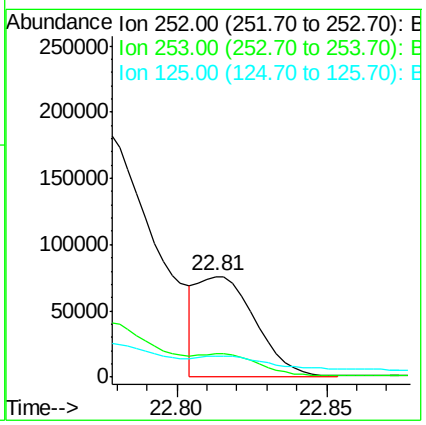
10/9/2018 5:38:28 PM

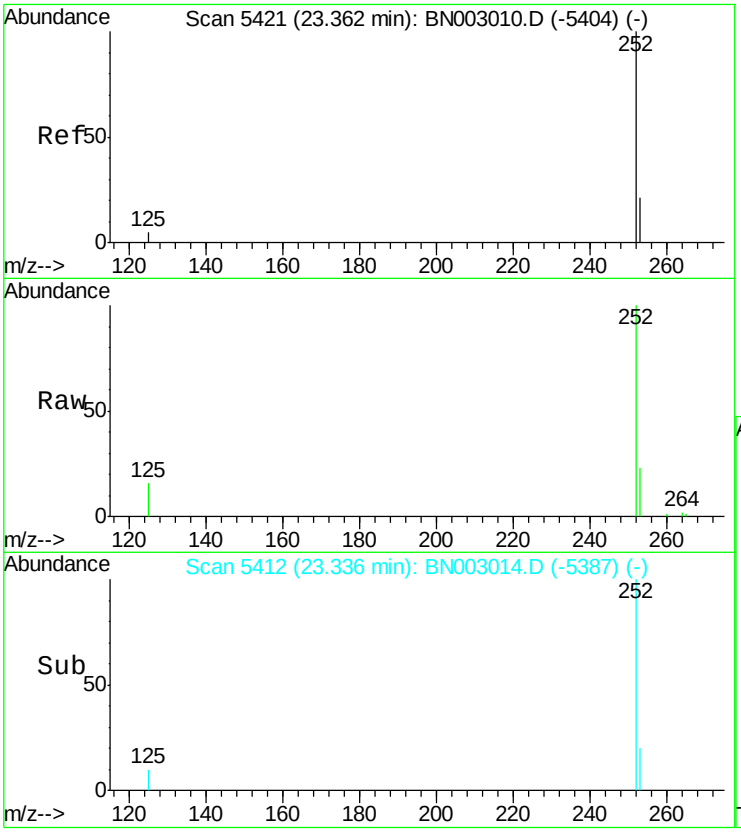


#22
Benzo(k)fluoranthene
Concen: 3.399 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.02 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:252 Resp: 100526

Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.3	31.9
125	20.9	14.1	21.1





#23
Benzo(a)pyrene
Concen: 6.296 ng/ul m
RT: 23.34 min Scan# 5412
Delta R.T. -0.03 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:252 Resp: 160960

Ion	Ratio	Lower	Upper
252	100		
253	23.1	23.1	34.7
125	16.1	16.9	25.3#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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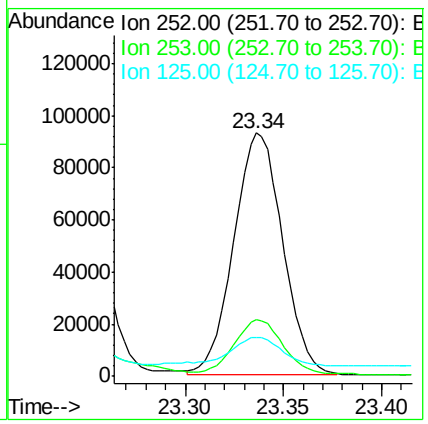
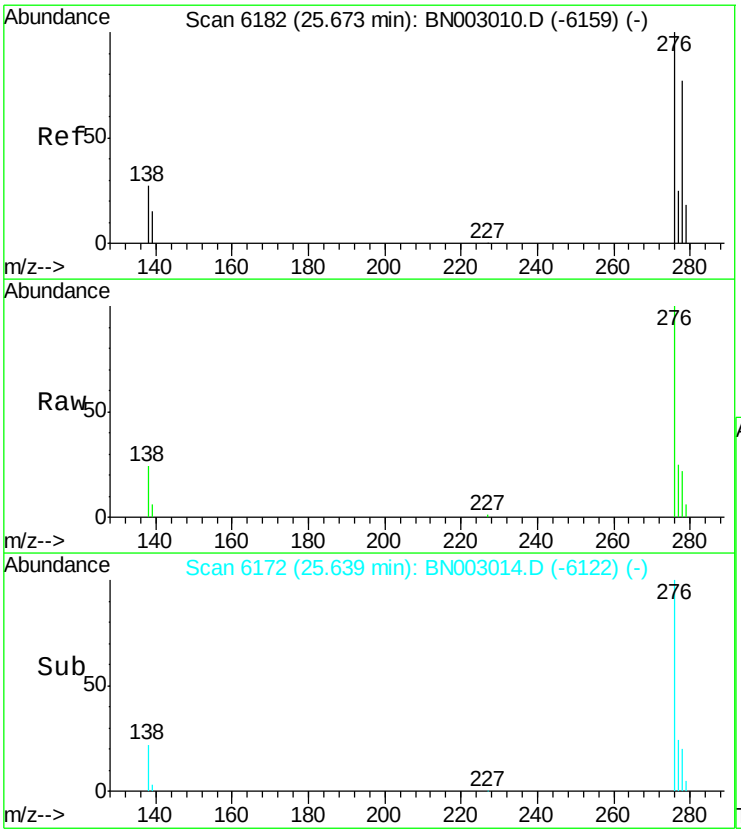
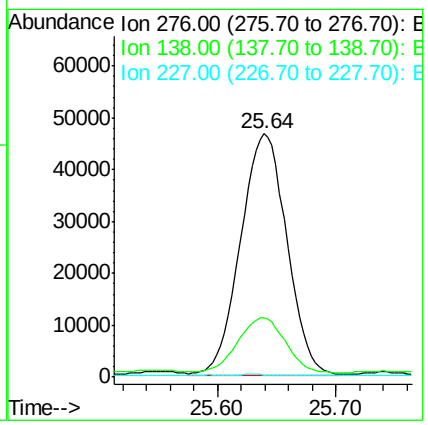


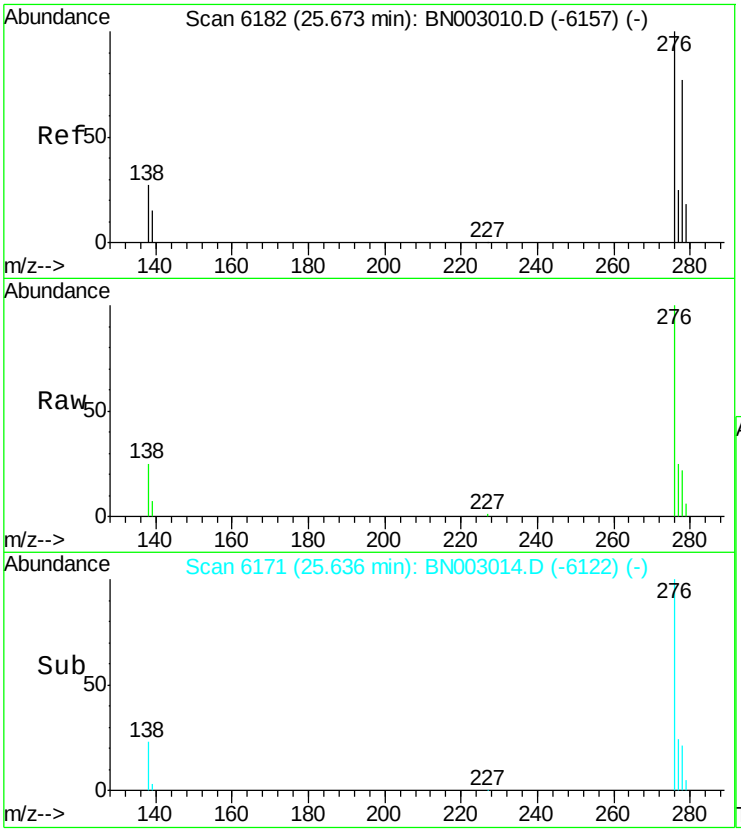


#24
Indeno(1,2,3-cd)pyrene
Concen: 4.341 ng/ul m
RT: 25.64 min Scan# 6172
Delta R.T. -0.03 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:276 Resp: 127525

Ion	Ratio	Lower	Upper
276	100		
138	2.1	21.5	32.3#
227	0.1	0.3	0.5#

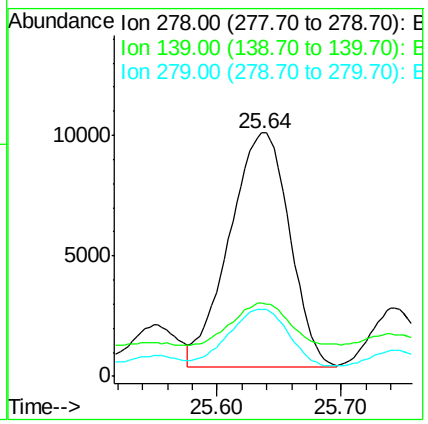




#25
Dibenzo(a,h)anthracene
Concen: 1.397 ng/ul m
RT: 25.64 min Scan# 6171
Delta R.T. -0.04 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

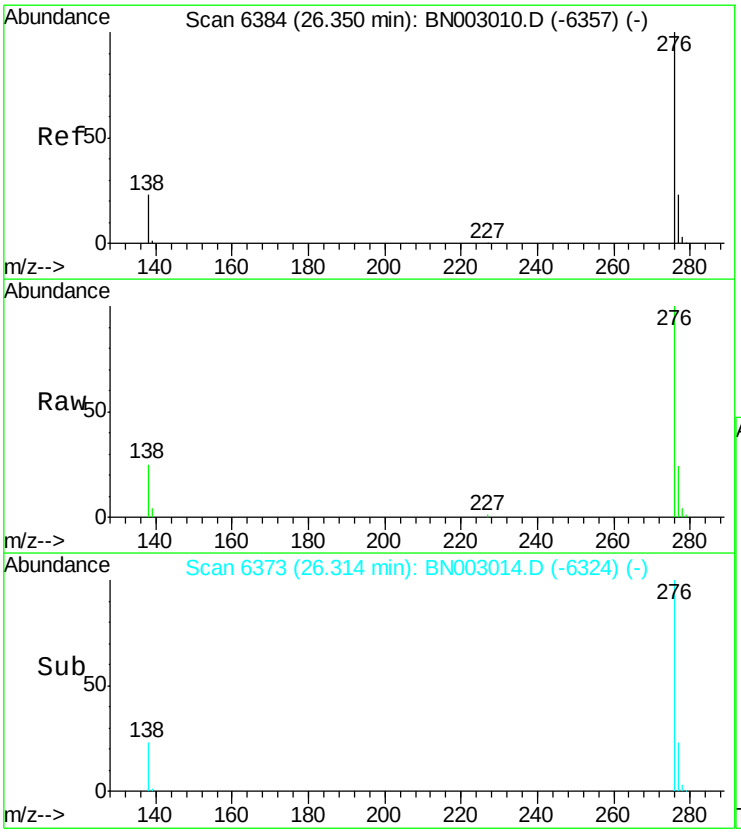
Tgt Ion:278 Resp: 32857

Ion	Ratio	Lower	Upper
278	100		
139	29.9	20.2	30.4
279	27.4	23.8	35.8



Instrument :
BNA_N
ClientSampleId :
JLC52

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:28 PM



#26
Benzo(g,h,i)perylene
Concen: 4.609 ng/ul m
RT: 26.31 min Scan# 6373
Delta R.T. -0.04 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:276 Resp: 114170

Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.0	34.4
277	24.1	22.0	33.0