Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003088.D
Acq On : 11 Oct 2018 05:19
Operator : MJ/SJ
Sample : J5230-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ2

Manual Integrations APPROVED
Sohil
10/11/2018 5:44:57 PM

Quant Time: Oct 11 08:58:49 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 : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1722	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7254	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4180	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	9079m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	6176m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4926m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2760	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	6324m	0.24	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	6275	0.337	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	2058	0.161	ng/ul	97
7) Acenaphthylene	13.98	152	815	0.043	ng/ul#	77
8) Acenaphthene	14.32	153	6877	0.474	ng/ul	98
9) Fluorene	15.32	166	7092	0.427	ng/ul	100
12) Phenanthrene	17.05	178	137665m	5.440	ng/ul	
13) Anthracene	17.15	178	25521m	1.068	ng/ul	
15) Fluoranthene	19.08	202	178745m	6.020	ng/ul	
17) Pyrene	19.45	202	145980m	6.086	ng/ul	
18) Benzo(a)anthracene	21.21	228	60042	3.021	ng/ul	99
19) Chrysene	21.26	228	57897	2.869	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	60652m	3.419	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	22885m	1.244	ng/ul	
23) Benzo(a)pyrene	23.34	252	42607	2.680	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.64	276	29137	1.595	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	7698	0.526	ng/ul	99
26) Benzo(g,h,i)perylene	26.32	276	27979	1.816	ng/ul	94

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

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QLast Update : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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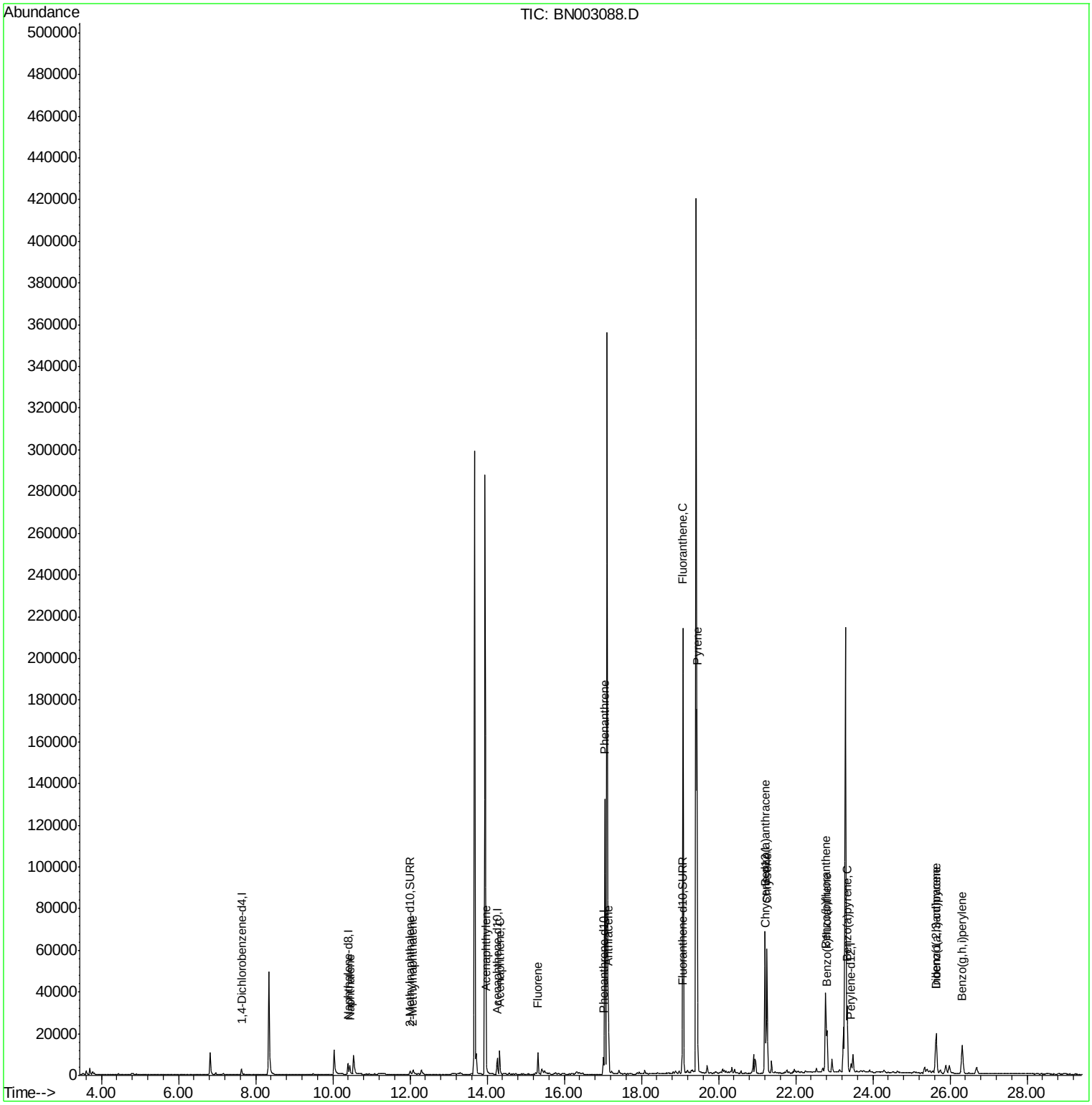
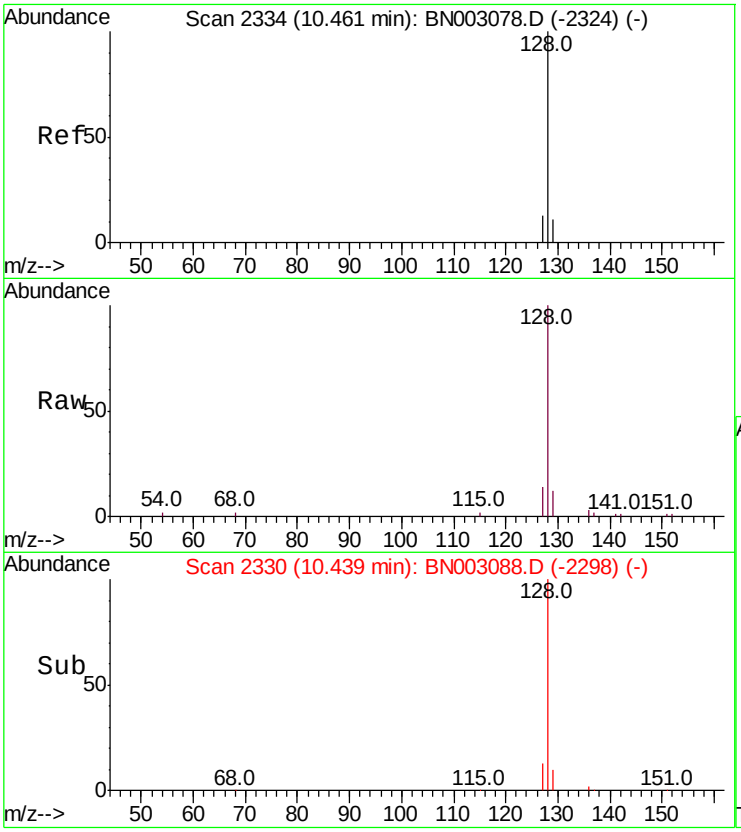
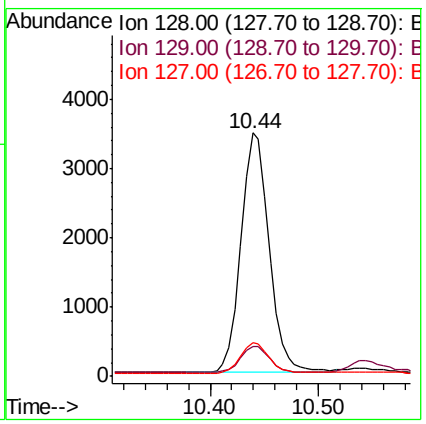




#3
Naphthalene
Concen: 0.337 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:128 Resp: 6275

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.4	15.6
127	14.1	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
A3YZ2

Manual Integrations APPROVED
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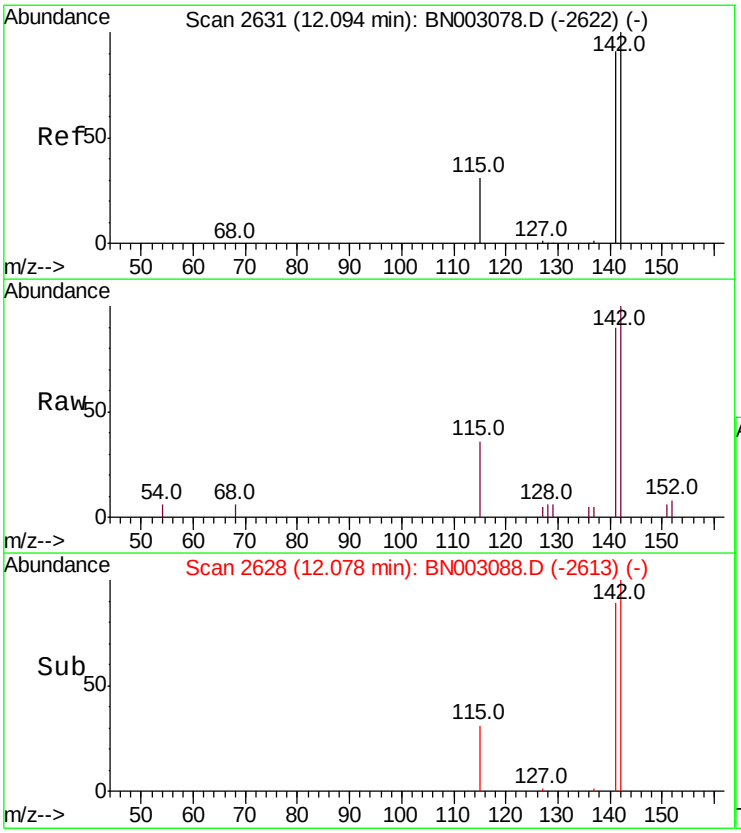
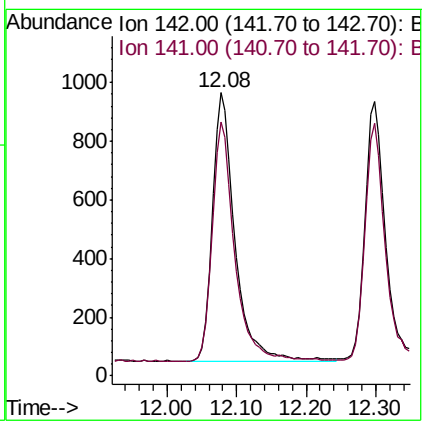
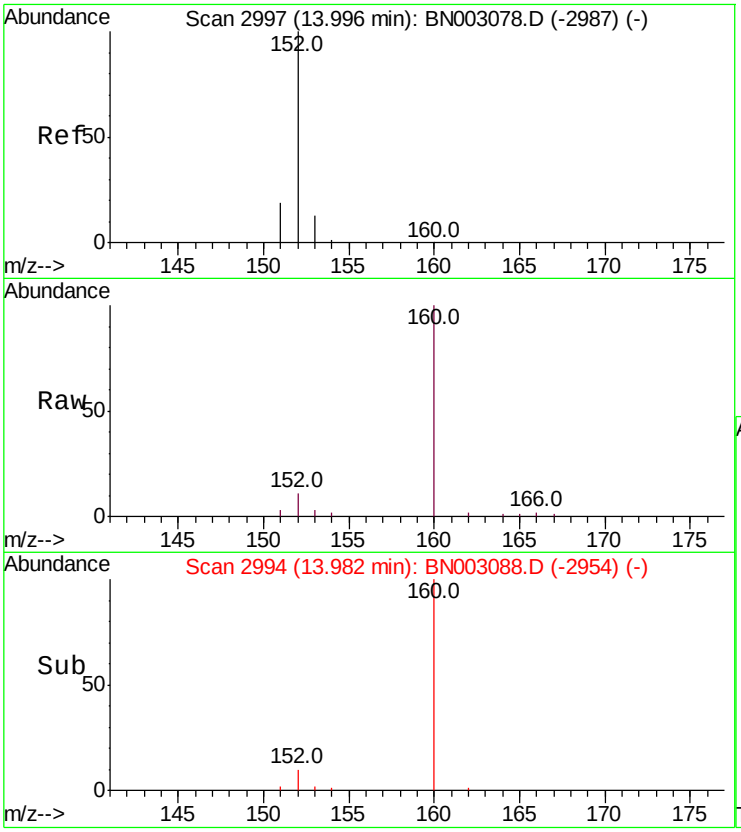


#5
2-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 12.08 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:142 Resp: 2058

Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.4	110.0

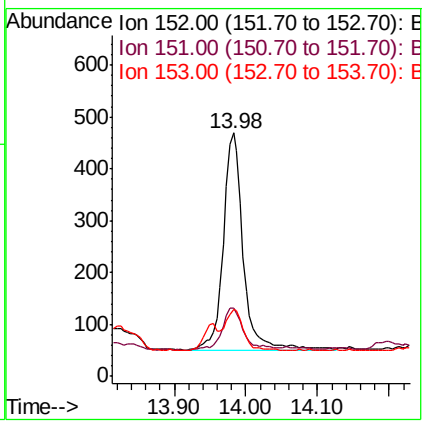




#7
Acenaphthylene
Concen: 0.043 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:152 Resp: 815

Ion	Ratio	Lower	Upper
152	100		
151	28.1	16.5	24.7#
153	27.3	11.4	17.2#



Instrument :
BNA_N
ClientSampleId :
A3YZ2

Manual Integrations APPROVED
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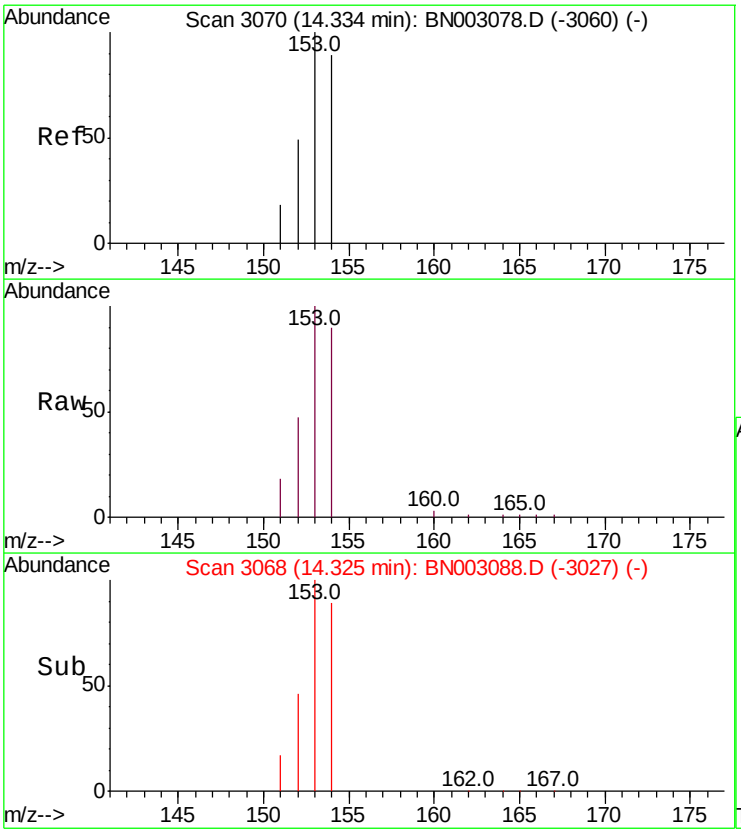
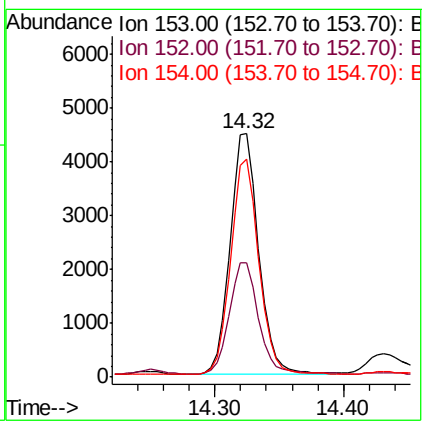
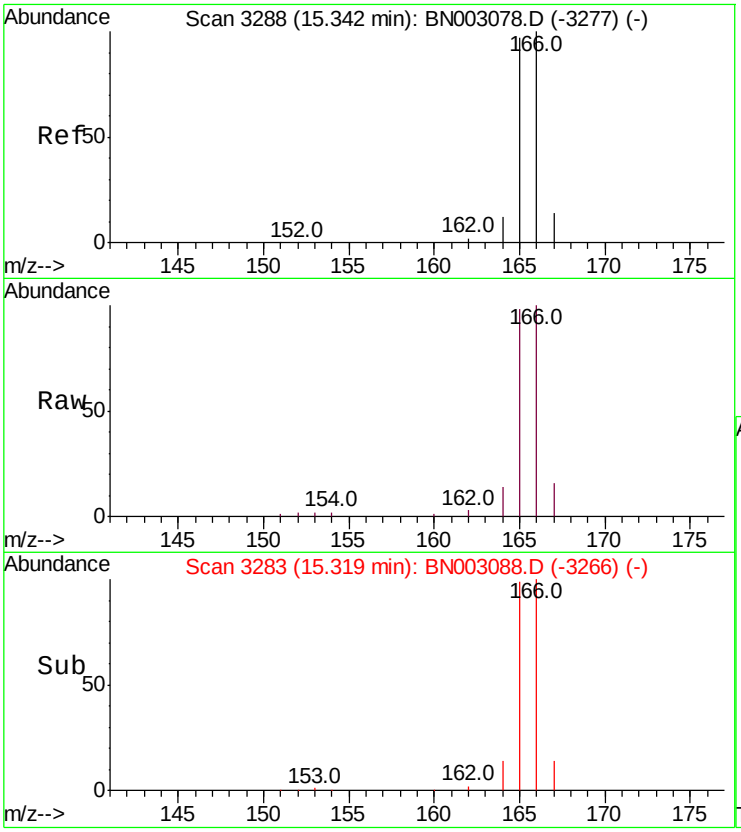


#8
Acenaphthene
Concen: 0.474 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:153 Resp: 6877

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.2	57.4
154	89.6	70.2	105.2

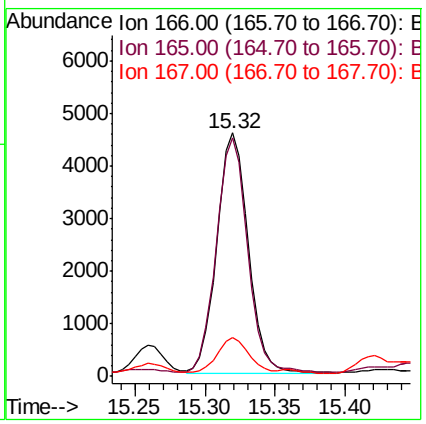




#9
Fluorene
Concen: 0.427 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.02 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:166 Resp: 7092

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	15.7	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
A3YZ2

Manual Integrations APPROVED
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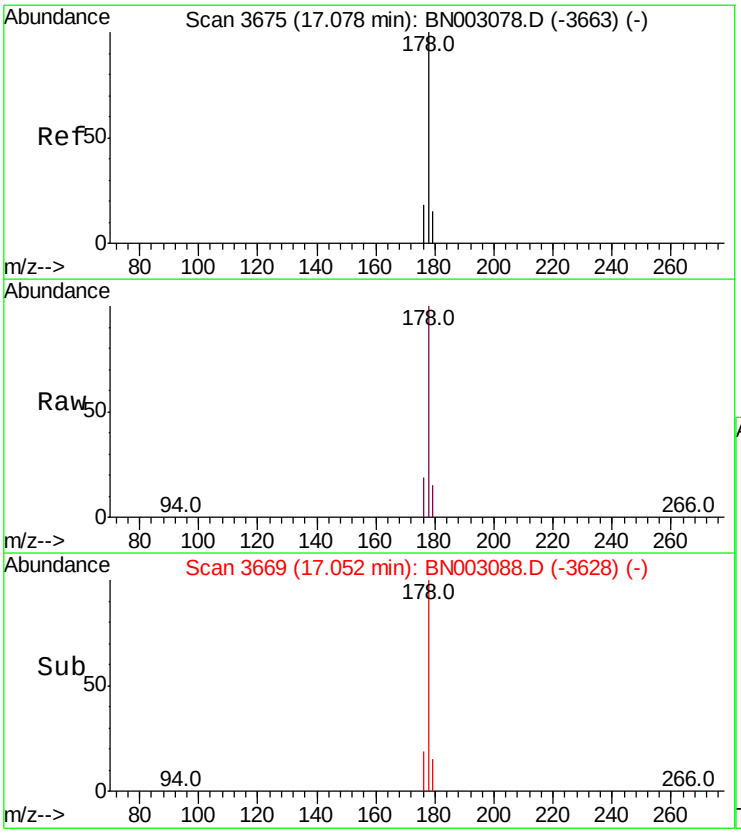
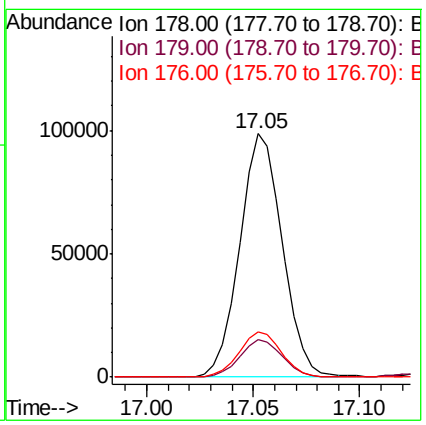
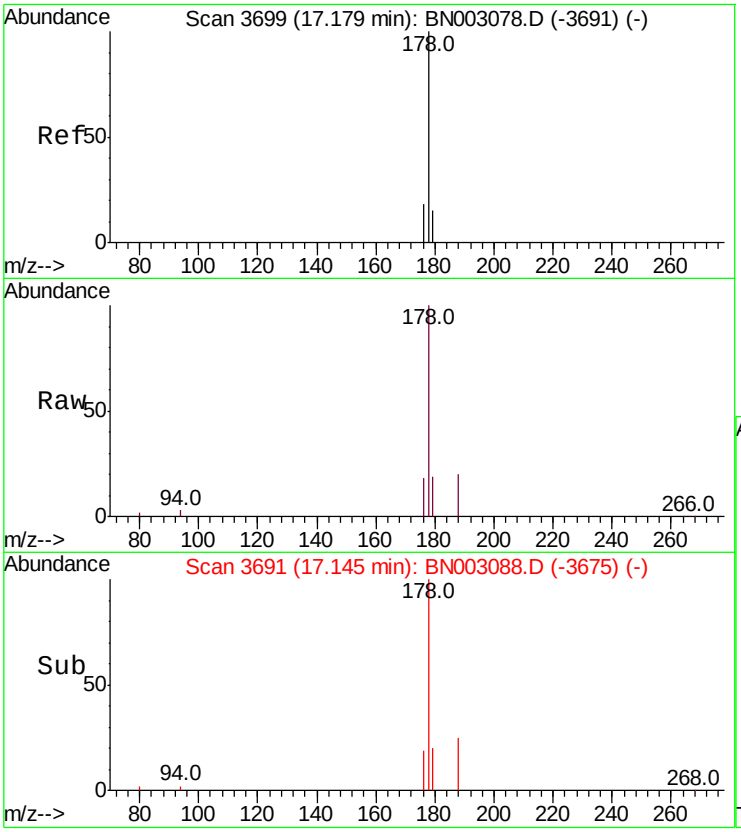


#12
Phenanthrene
Concen: 5.440 ng/ul m
RT: 17.05 min Scan# 3669
Delta R.T. -0.03 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:178 Resp: 137665

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	18.7	15.4	23.2

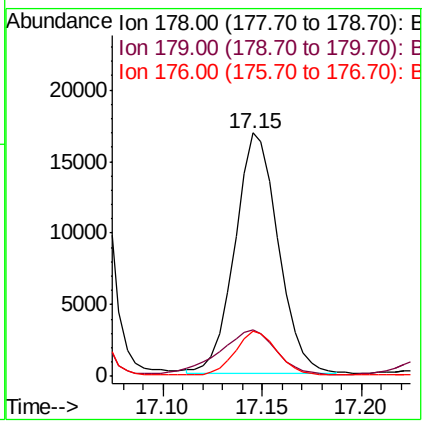




#13
Anthracene
Concen: 1.068 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:178 Resp: 25521

Ion	Ratio	Lower	Upper
178	100		
179	19.0	13.0	19.6
176	18.4	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A3YZ2

Manual Integrations APPROVED
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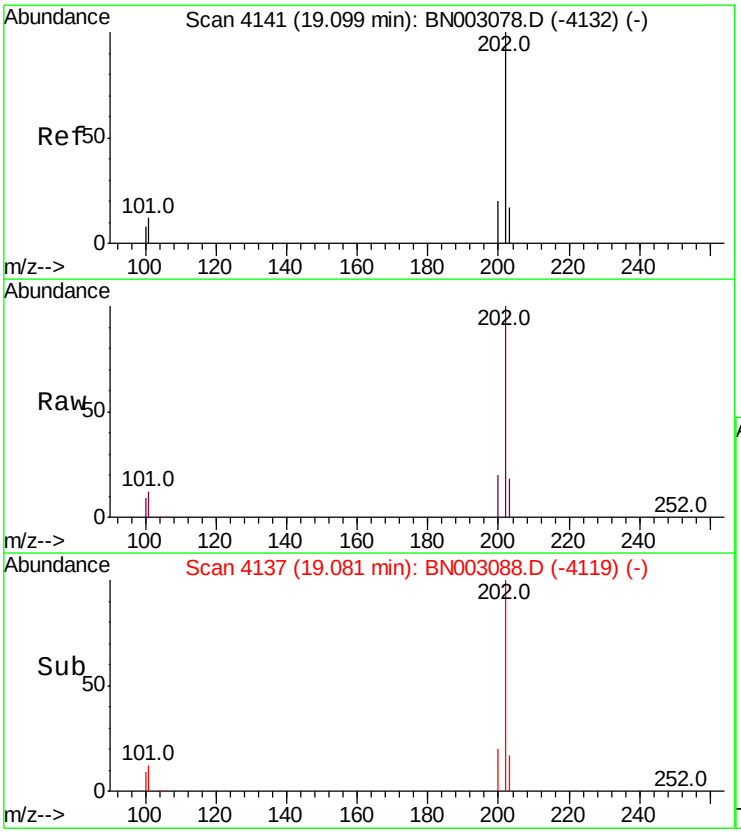
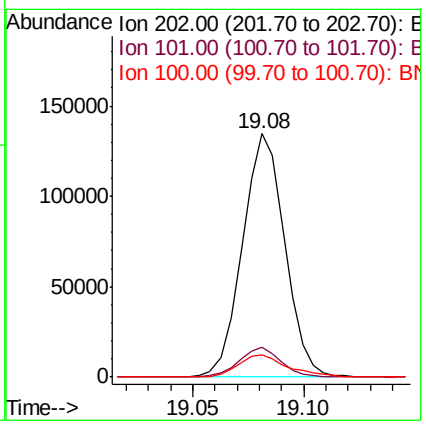
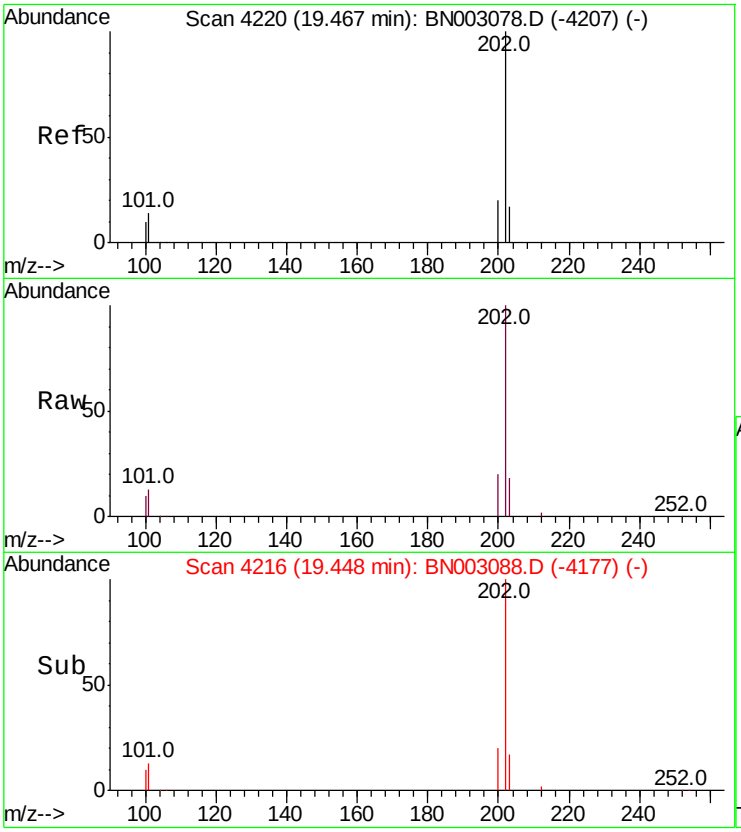


#15
Fluoranthene
Concen: 6.020 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.02 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:202 Resp: 178745

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

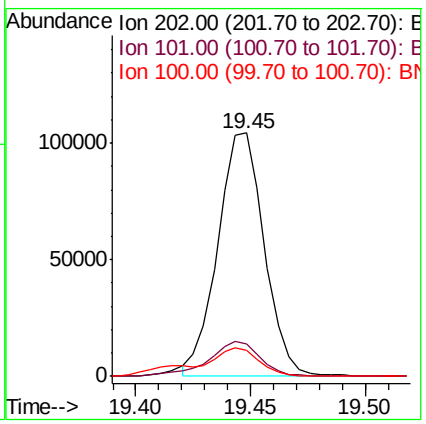




#17
Pyrene
Concen: 6.086 ng/ul m
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:202 Resp: 145980

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.9	17.9
100	10.5	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
A3YZ2

Manual Integrations APPROVED
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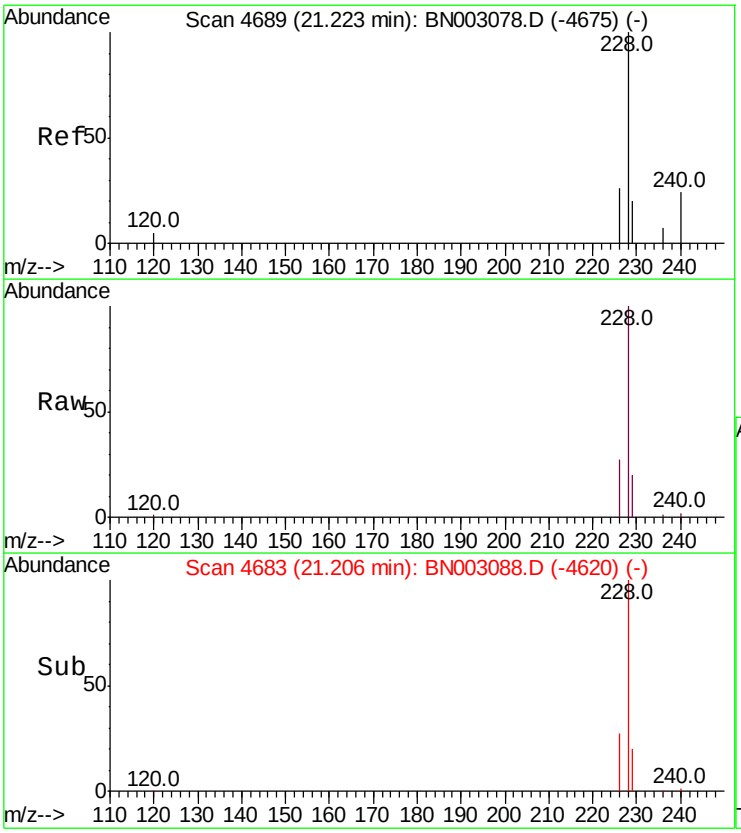
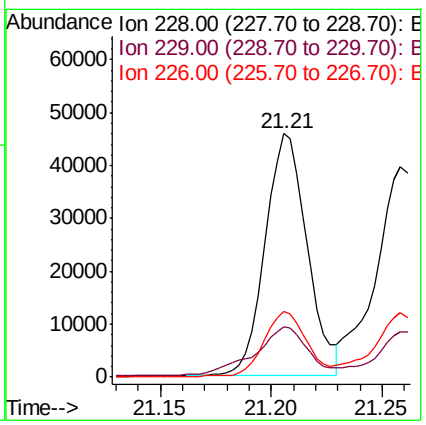
10/11/2018 5:44:57 PM

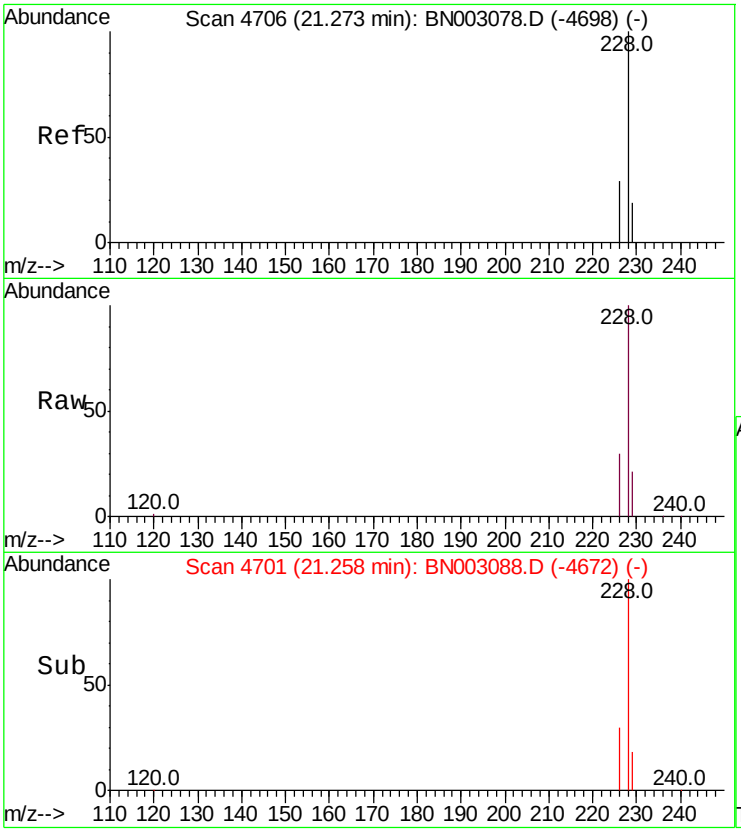


#18
Benzo(a)anthracene
Concen: 3.021 ng/ul
RT: 21.21 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:228 Resp: 60042

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.2
226	27.2	22.3	33.5

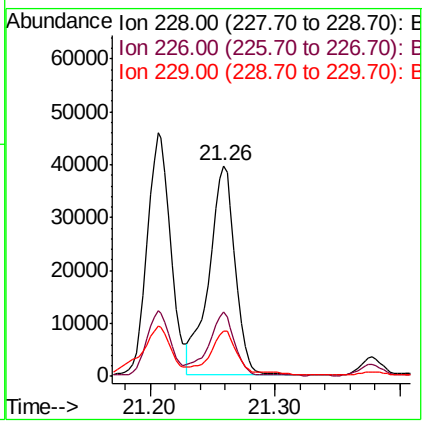




#19
Chrysene
Concen: 2.869 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:228 Resp: 57897

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	21.4	16.7	25.1



Instrument :
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ClientSampleId :
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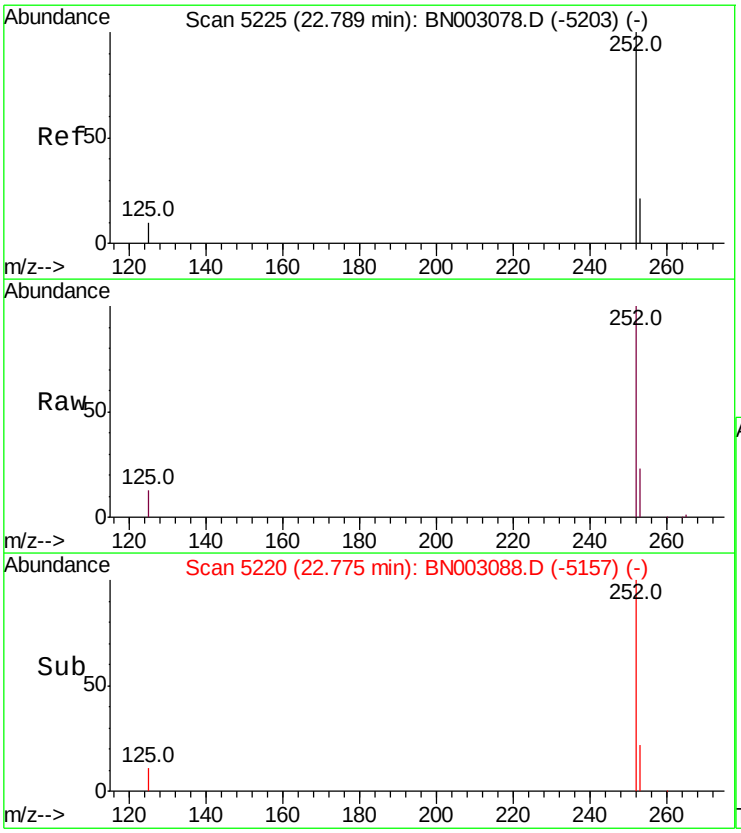
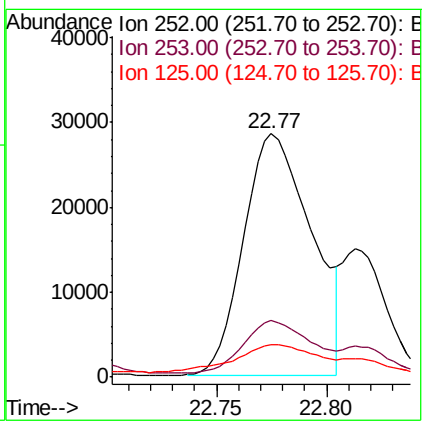
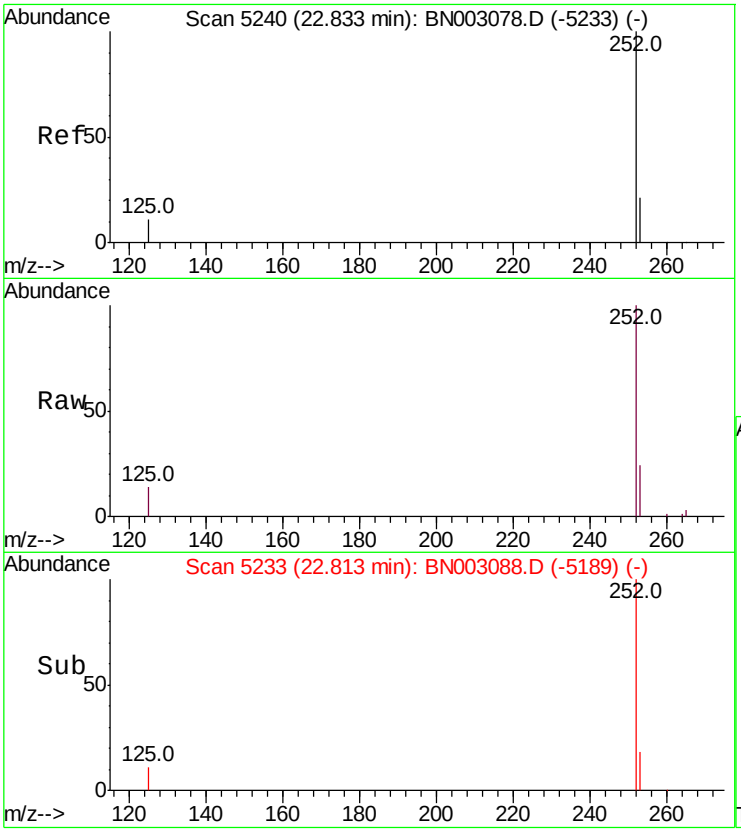


#21
Benzo(b)fluoranthene
Concen: 3.419 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:252 Resp: 60652

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	53.2
125	13.2	0.0	34.2

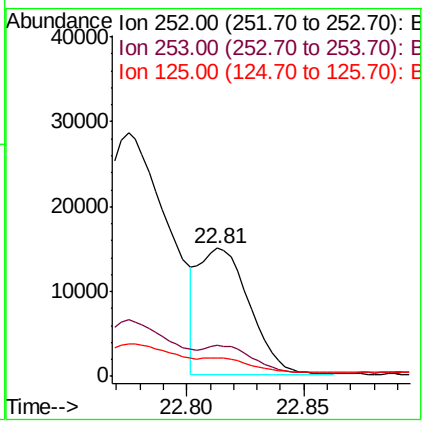




#22
Benzo(k)fluoranthene
Concen: 1.244 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.02 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:252 Resp: 22885

Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.3	31.9
125	14.2	14.1	21.1



Instrument :
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ClientSampleId :
A3YZ2

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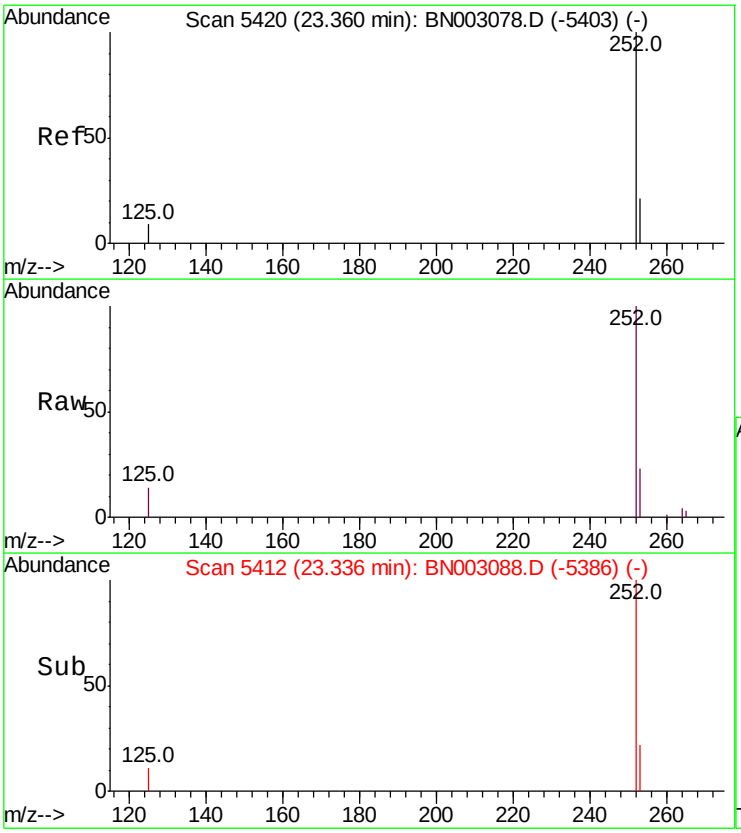
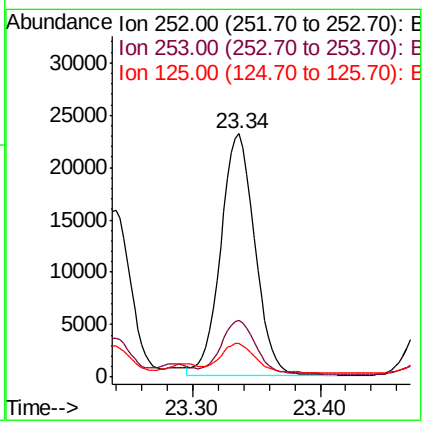
10/11/2018 5:44:57 PM

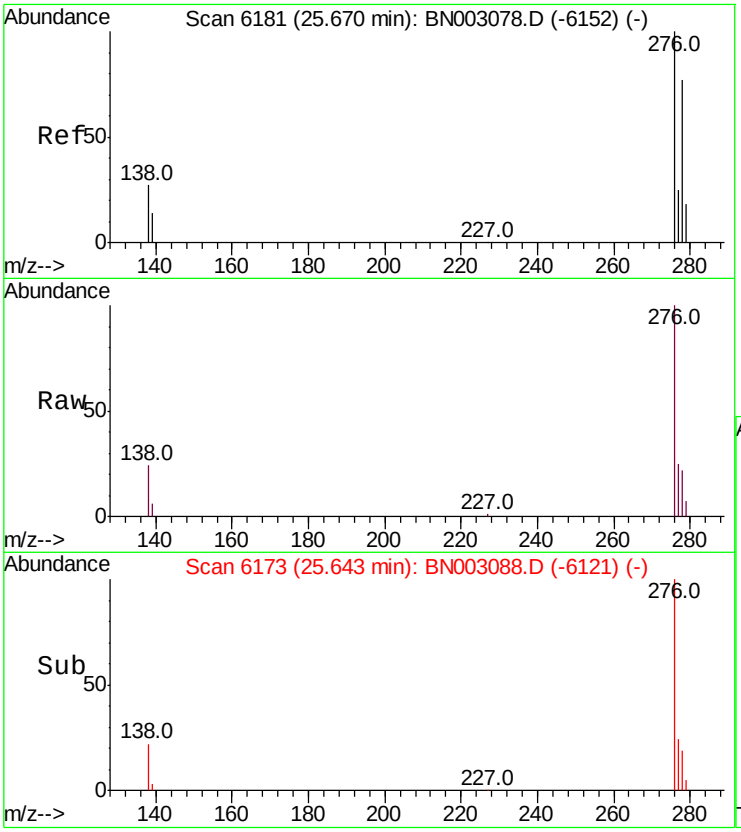


#23
Benzo(a)pyrene
Concen: 2.680 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:252 Resp: 42607

Ion	Ratio	Lower	Upper
252	100		
253	23.3	23.1	34.7
125	13.7	16.9	25.3#





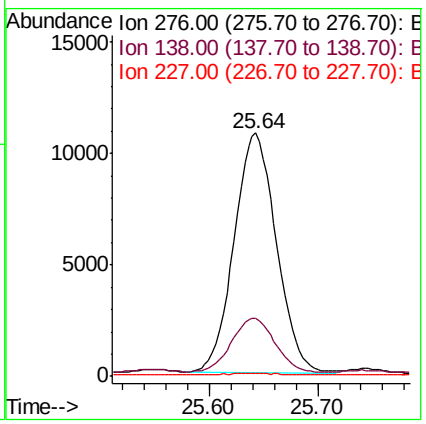
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.595 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.03 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

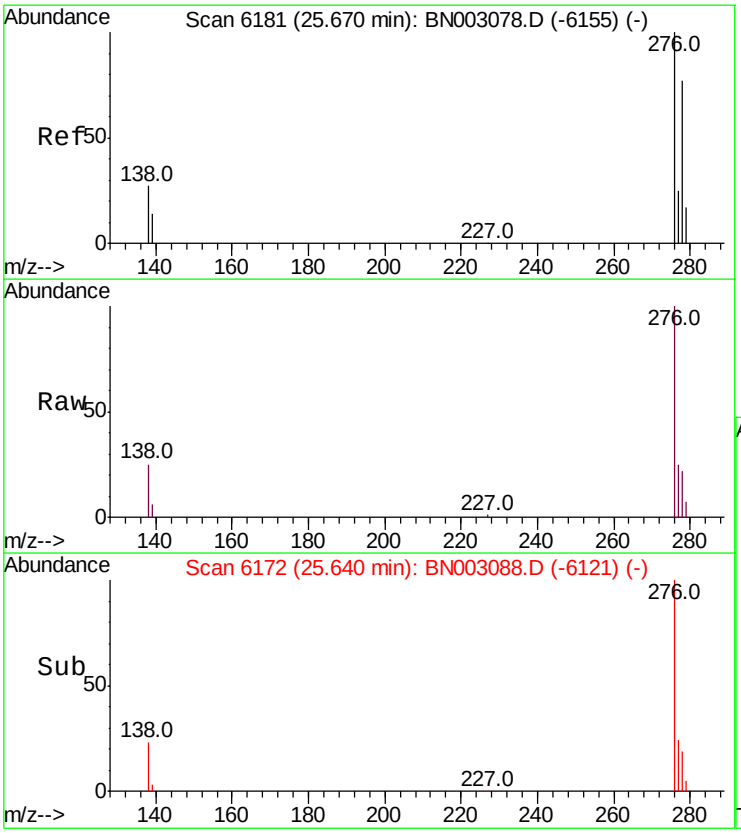
Tgt Ion:276 Resp: 29137

Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.5	32.3
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A3YZ2

Manual Integrations APPROVED
Sohil
10/11/2018 5:44:57 PM

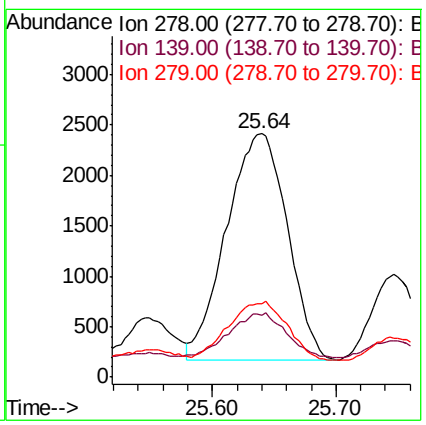


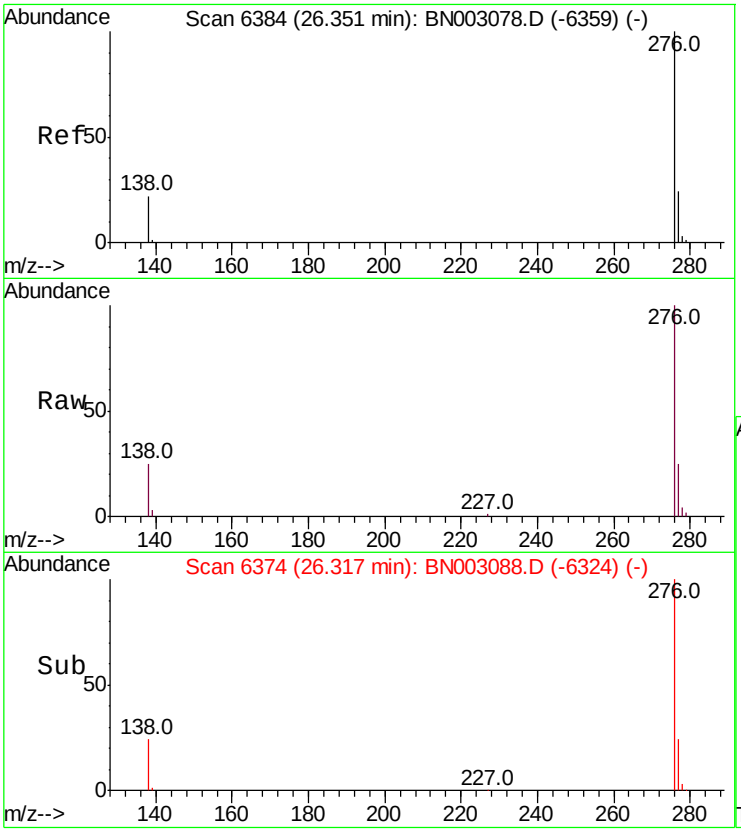


#25
Dibenzo(a,h)anthracene
Concen: 0.526 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. -0.03 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:278 Resp: 7698

Ion	Ratio	Lower	Upper
278	100		
139	25.7	20.2	30.4
279	30.0	23.8	35.8

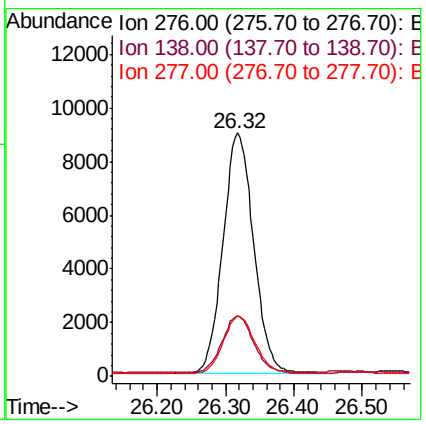




#26
Benzo(g,h,i)perylene
Concen: 1.816 ng/ul
RT: 26.32 min Scan# 6374
Delta R.T. -0.03 min
Lab File: BN003088.D
Acq: 11 Oct 2018 05:19

Tgt Ion:276 Resp: 27979

Ion	Ratio	Lower	Upper
276	100		
138	25.0	23.0	34.4
277	24.7	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
A3YZ2

Manual Integrations APPROVED
Sohil
10/11/2018 5:44:57 PM