Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003128.D
Acq On : 12 Oct 2018 06:00
Operator : MJ/SJ
Sample : J5234-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 12 07:57:59 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 : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AJ9

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	1995	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	7639	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	5869	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	8173m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5335m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4908m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3617	0.31	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	7697m	0.33	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.43	128	62677	3.197	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	123216	9.131	ng/ul	97
7) Acenaphthylene	13.98	152	9613	0.358	ng/ul#	51
8) Acenaphthene	14.32	153	15010	0.737	ng/ul	96
9) Fluorene	15.31	166	70123	3.005	ng/ul	98
12) Phenanthrene	17.05	178	116160	5.099	ng/ul	97
13) Anthracene	17.15	178	42018m	1.952	ng/ul	
15) Fluoranthene	19.08	202	34472m	1.290	ng/ul	
17) Pyrene	19.45	202	53921	2.602	ng/ul	98
18) Benzo(a)anthracene	21.21	228	15411m	0.898	ng/ul	
19) Chrysene	21.26	228	15071m	0.865	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	7663m	0.434	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	1585m	0.086	ng/ul	
23) Benzo(a)pyrene	23.34	252	9458m	0.597	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	4178m	0.230	ng/ul	
25) Dibenzo(a,h)anthracene	25.64	278	951m	0.065	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	3799m	0.247	ng/ul	

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

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Manual Integrations APPROVED
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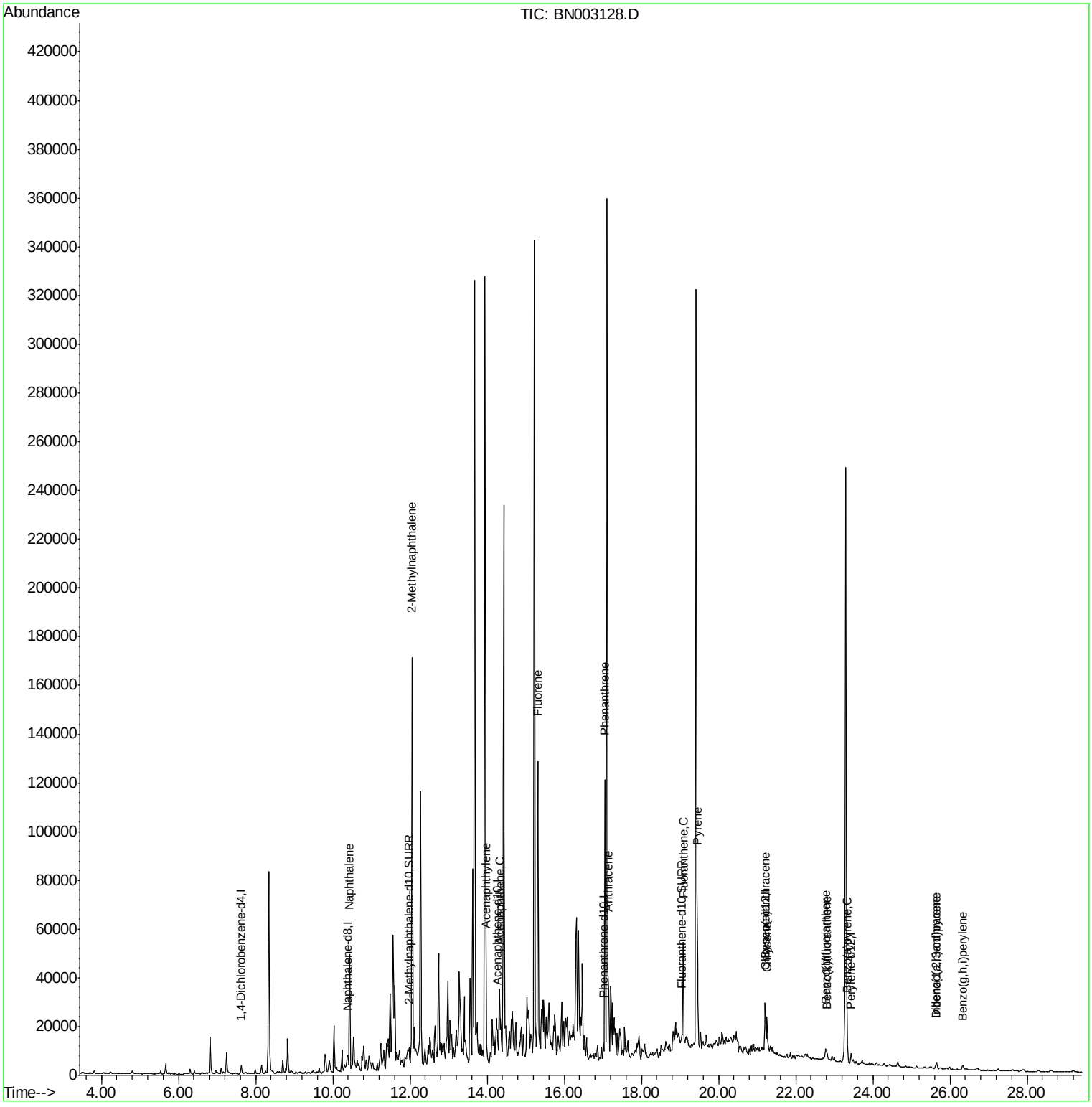

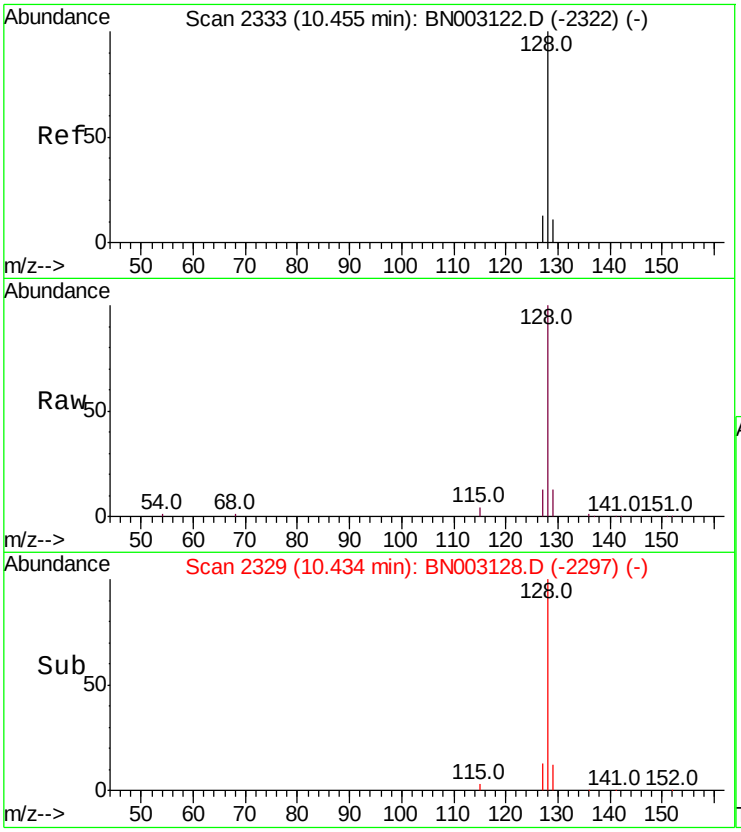

#3
Naphthalene
Concen: 3.197 ng/ul
RT: 10.43 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:128 Resp: 62677

Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.4	15.6
127	13.4	11.7	17.5

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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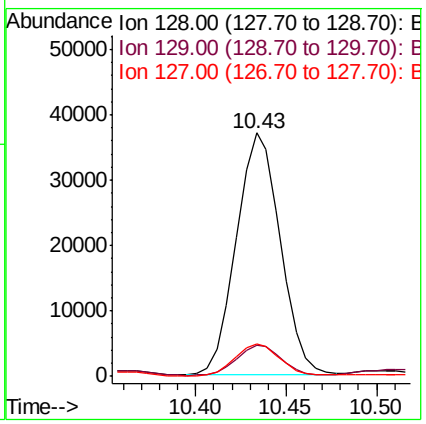
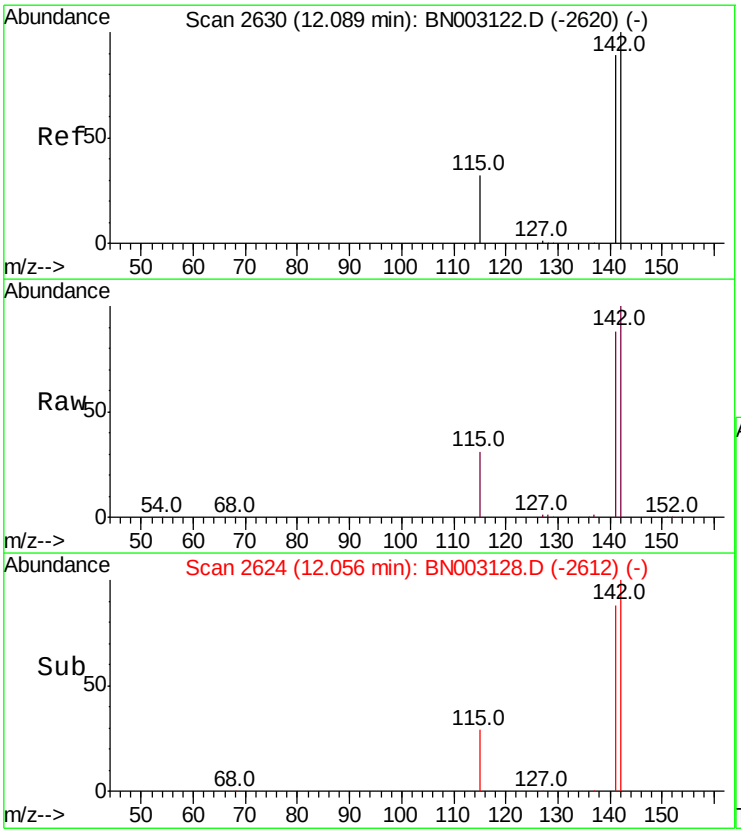
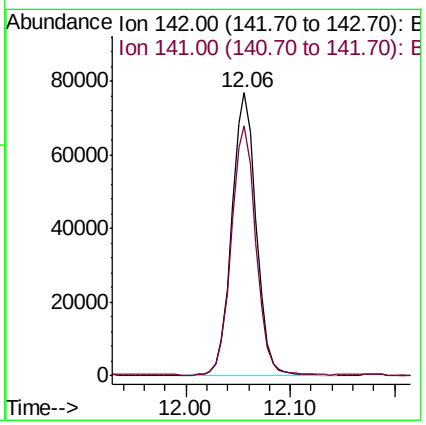


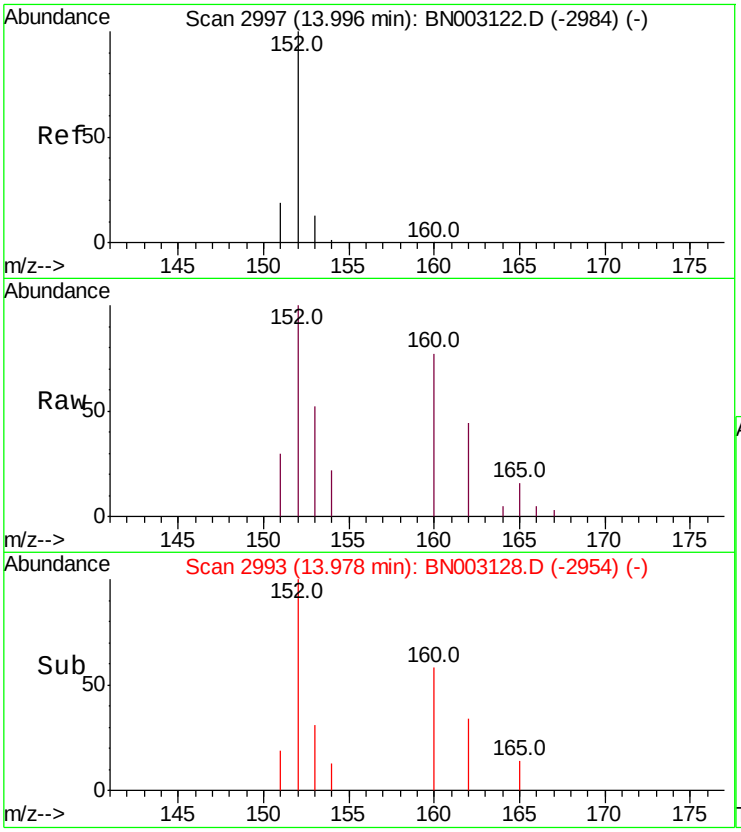


#5
2-Methylnaphthalene
Concen: 9.131 ng/ul
RT: 12.06 min Scan# 2624
Delta R.T. -0.03 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:142 Resp: 123216

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.4	110.0





#7
Acenaphthylene
Concen: 0.358 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.02 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:152 Resp: 9613

Ion	Ratio	Lower	Upper
152	100		
151	29.7	16.5	24.7#
153	51.7	11.4	17.2#

Instrument :
BNA_N
ClientSampleId :
C0AJ9

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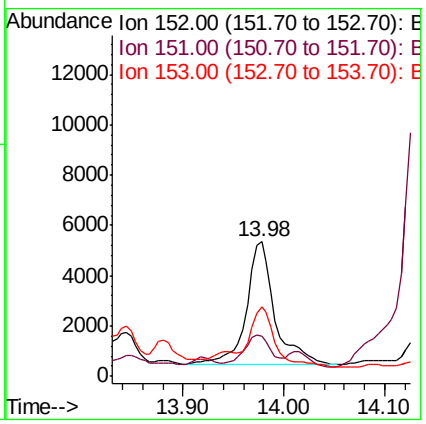
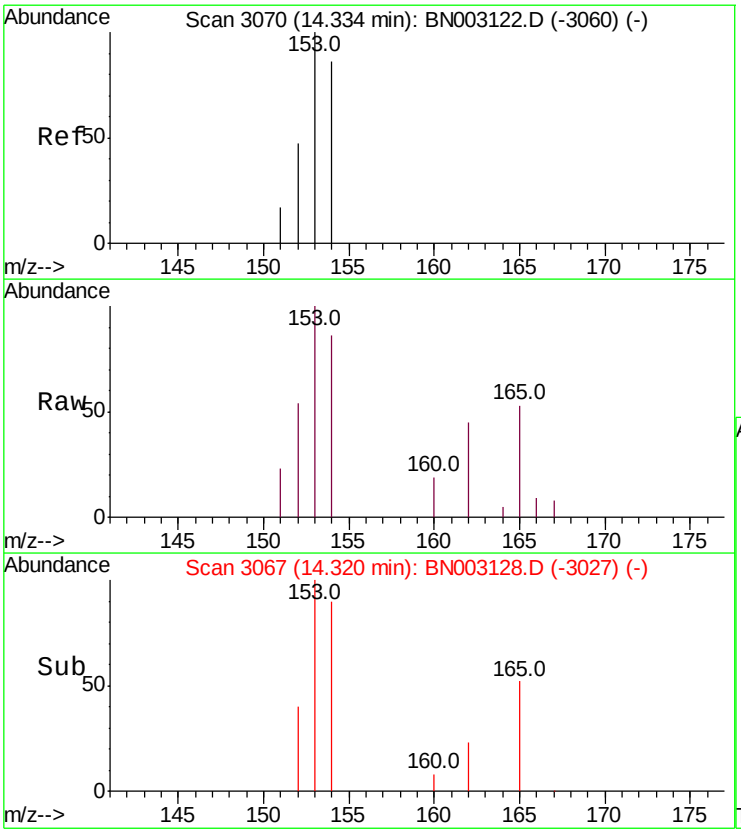
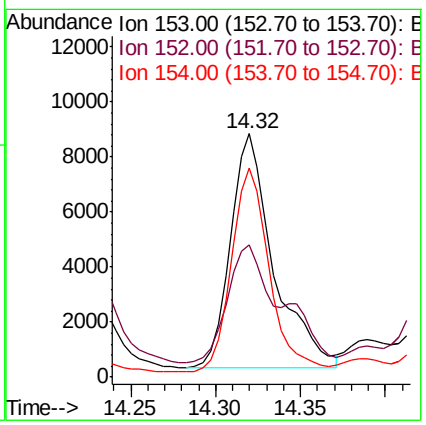


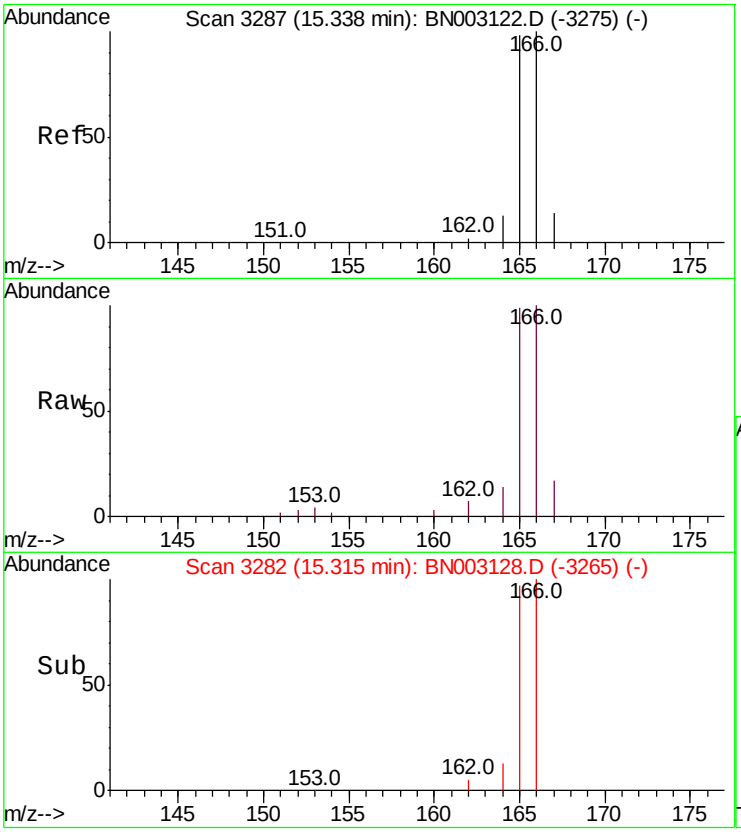


#8
Acenaphthene
Concen: 0.737 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:153 Resp: 15010

Ion	Ratio	Lower	Upper
153	100		
152	54.1	38.2	57.4
154	86.1	70.2	105.2





#9
Fluorene
Concen: 3.005 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.02 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:166 Resp: 70123

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.5	117.7
167	17.4	11.6	17.4

Instrument :
BNA_N
ClientSampleId :
C0AJ9

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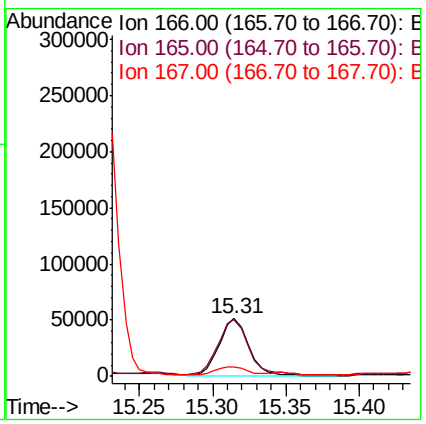
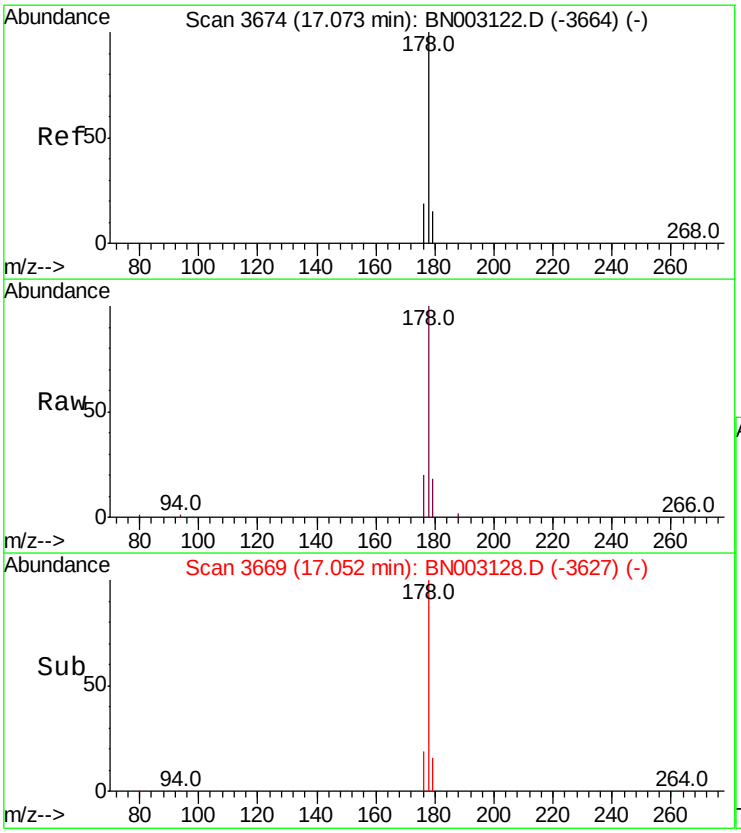
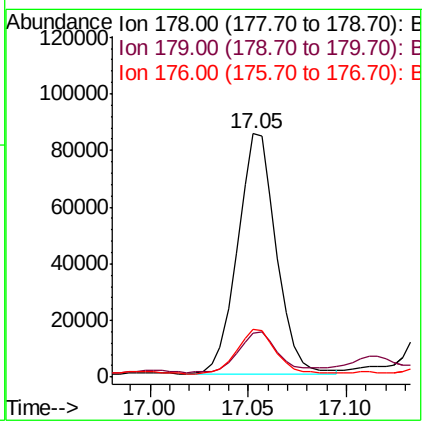


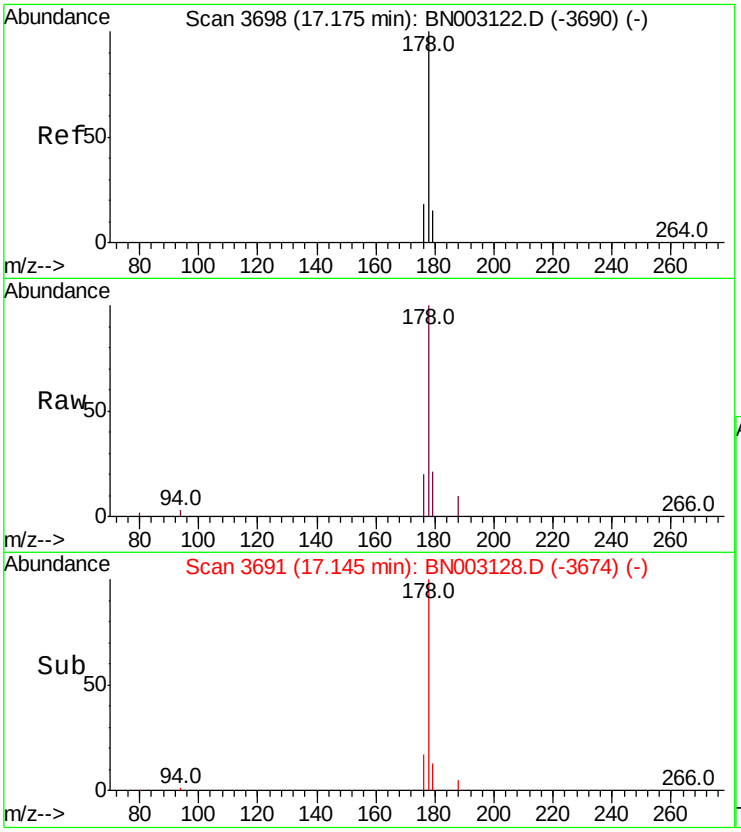


#12
Phenanthrene
Concen: 5.099 ng/ul
RT: 17.05 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:178 Resp: 116160

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.9	19.3
176	19.8	15.4	23.2

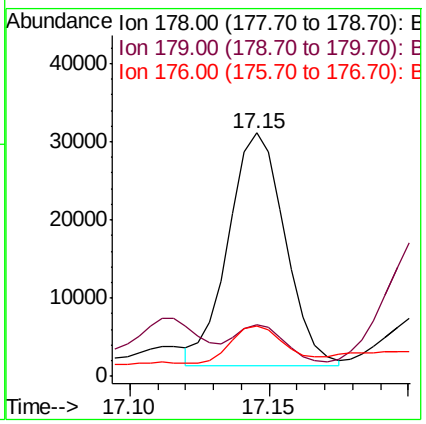




#13
Anthracene
Concen: 1.952 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:178 Resp: 42018

Ion	Ratio	Lower	Upper
178	100		
179	21.1	13.0	19.6#
176	20.4	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AJ9

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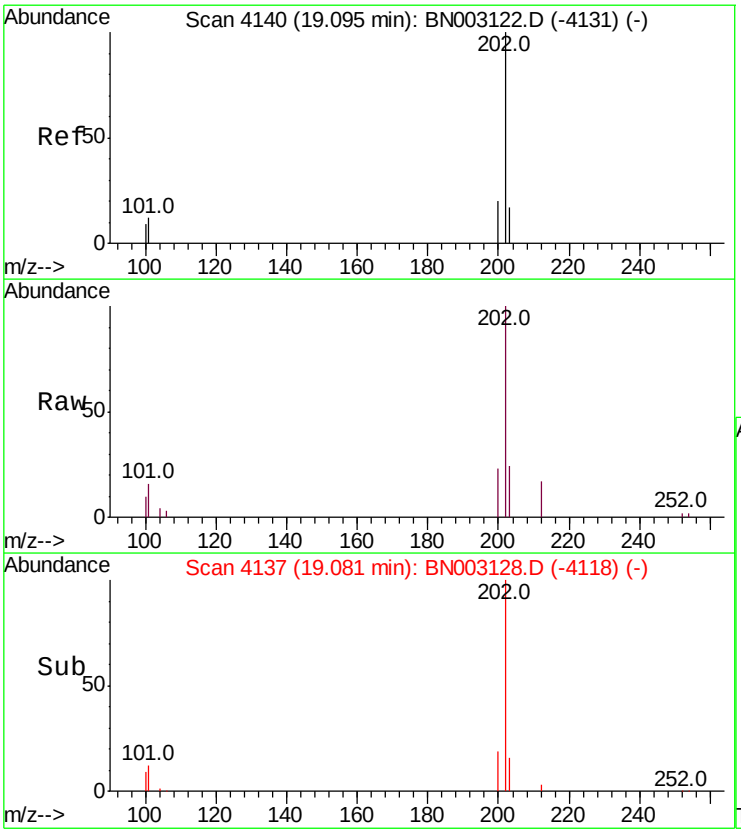
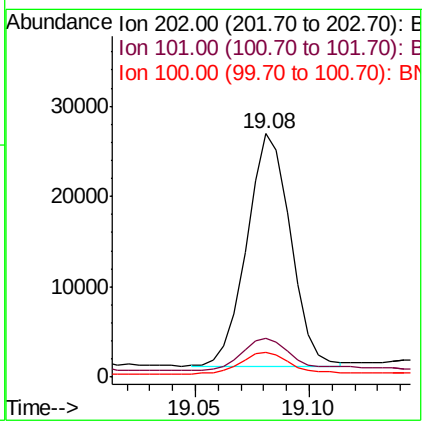
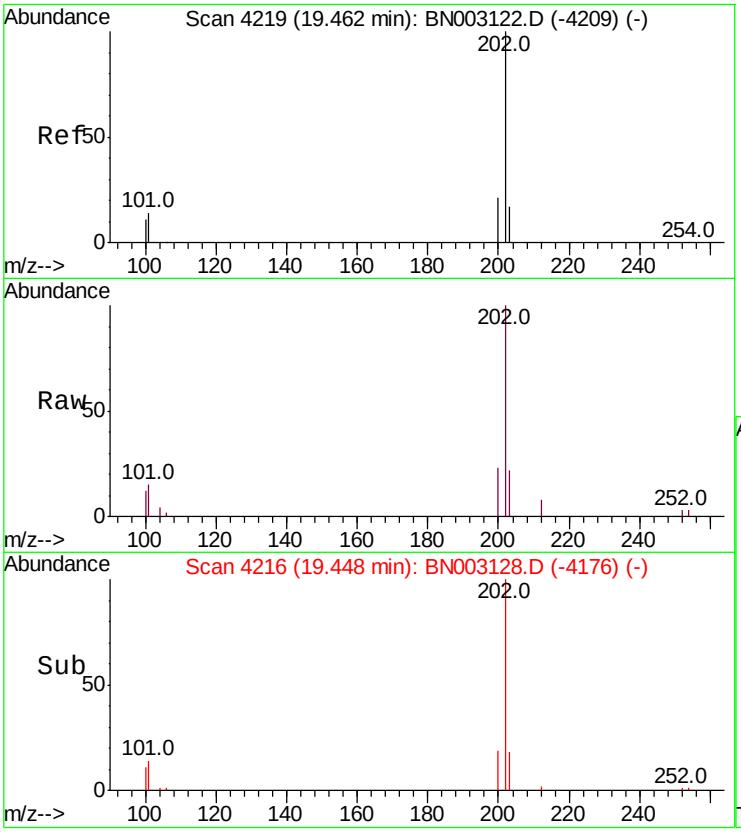


#15
Fluoranthene
Concen: 1.290 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:202 Resp: 34472

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	32.3
100	10.3	0.0	29.1





#17
Pyrene
Concen: 2.602 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:202 Resp: 53921

Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.9	17.9
100	11.5	9.9	14.9

Instrument :
BNA_N
ClientSampleId :
C0AJ9

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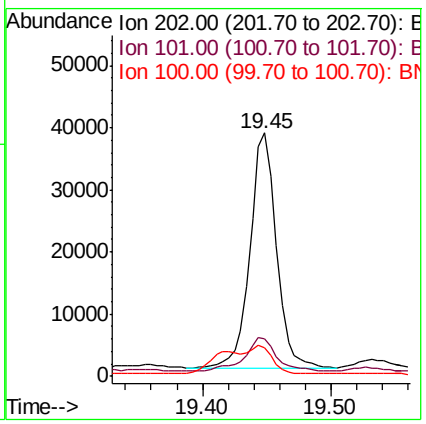
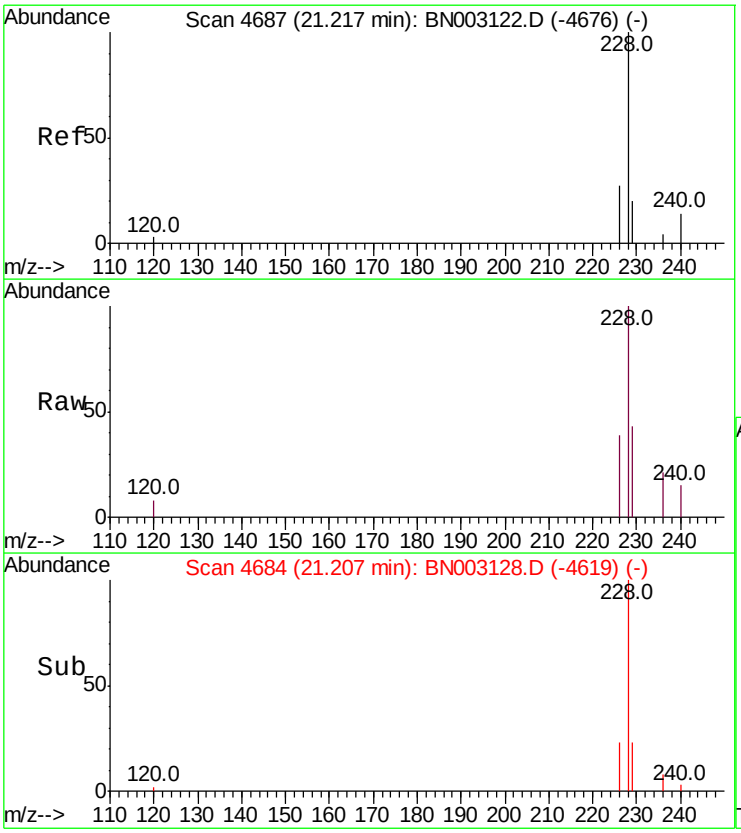
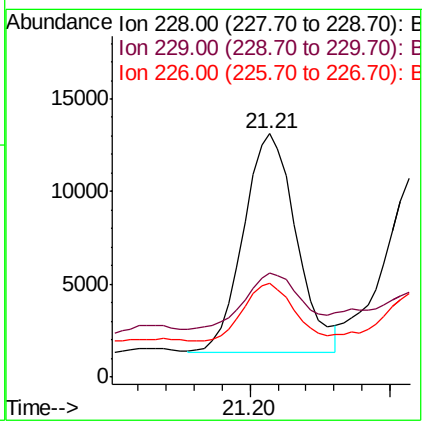


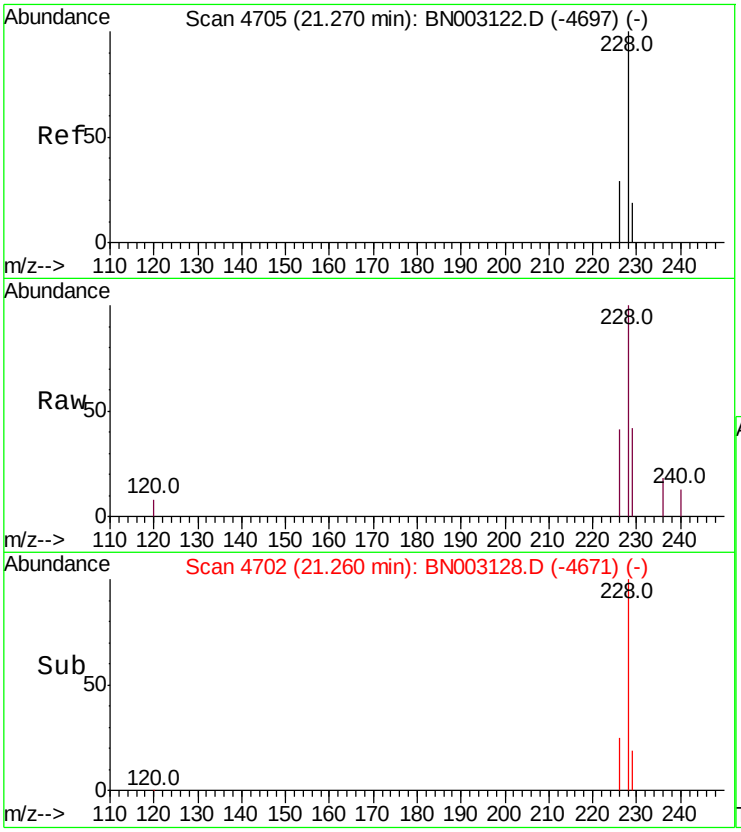


#18
Benzo(a)anthracene
Concen: 0.898 ng/ul m
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:228 Resp: 15411

Ion	Ratio	Lower	Upper
228	100		
229	42.6	16.2	24.2#
226	38.6	22.3	33.5#

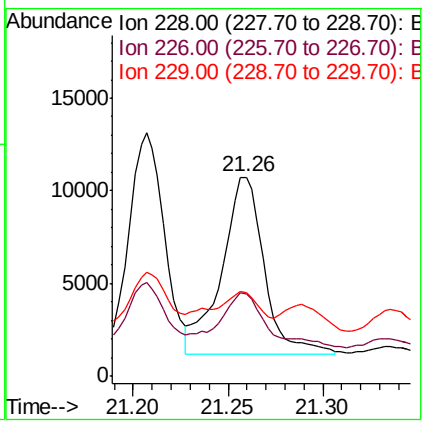




#19
Chrysene
Concen: 0.865 ng/ul m
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:228 Resp: 15071

Ion	Ratio	Lower	Upper
228	100		
226	41.2	24.2	36.4#
229	41.9	16.7	25.1#



Instrument :
BNA_N
ClientSampleId :
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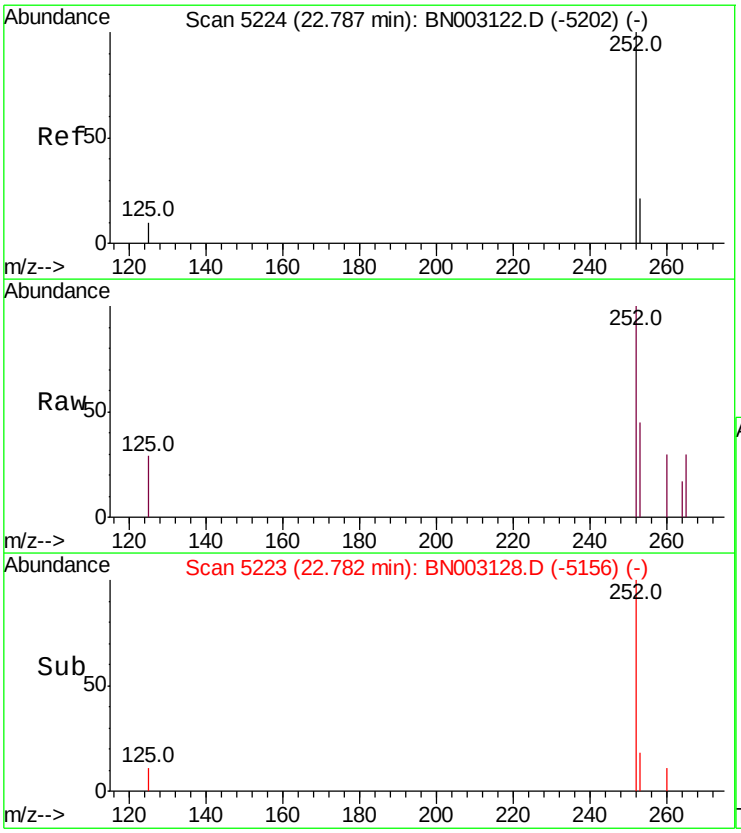
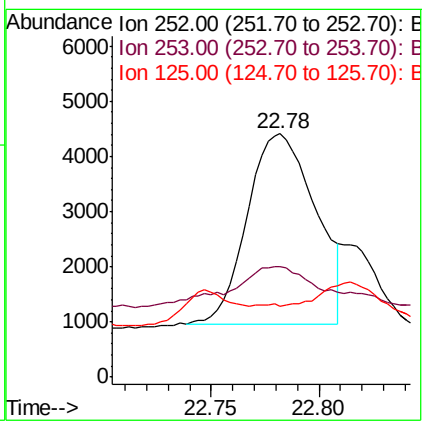
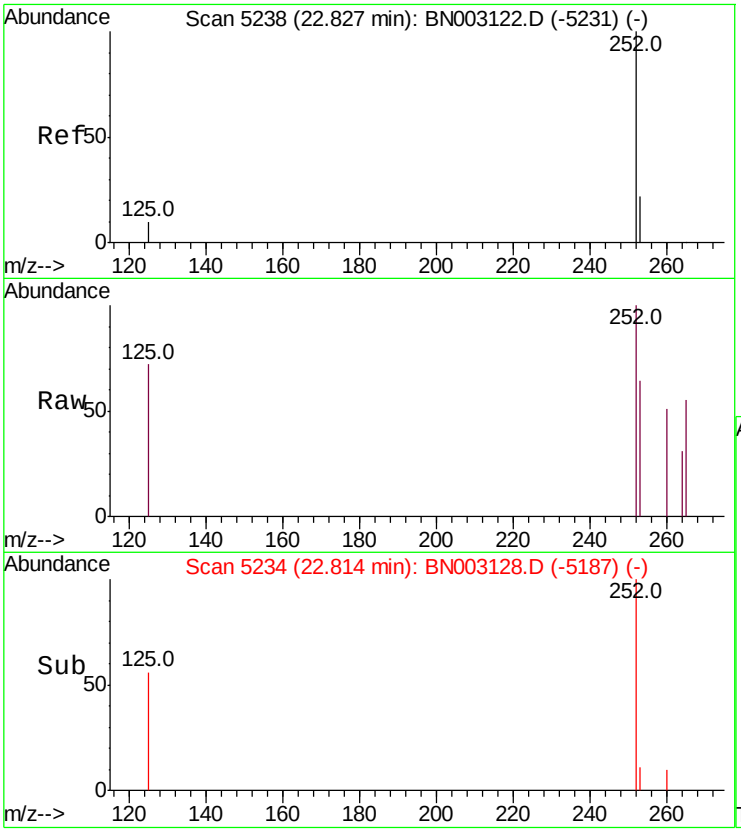


#21
Benzo(b)fluoranthene
Concen: 0.434 ng/ul m
RT: 22.78 min Scan# 5223
Delta R.T. -0.00 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:252 Resp: 7663

Ion	Ratio	Lower	Upper
252	100		
253	45.3	0.0	53.2
125	29.2	0.0	34.2





#22
Benzo(k)fluoranthene
Concen: 0.086 ng/ul m
RT: 22.81 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:252 Resp: 1585

Ion	Ratio	Lower	Upper
252	100		
253	64.0	21.3	31.9#
125	71.7	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
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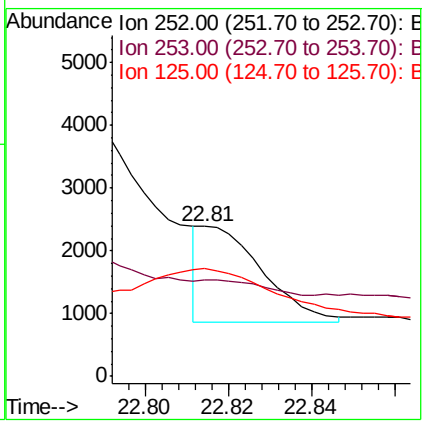
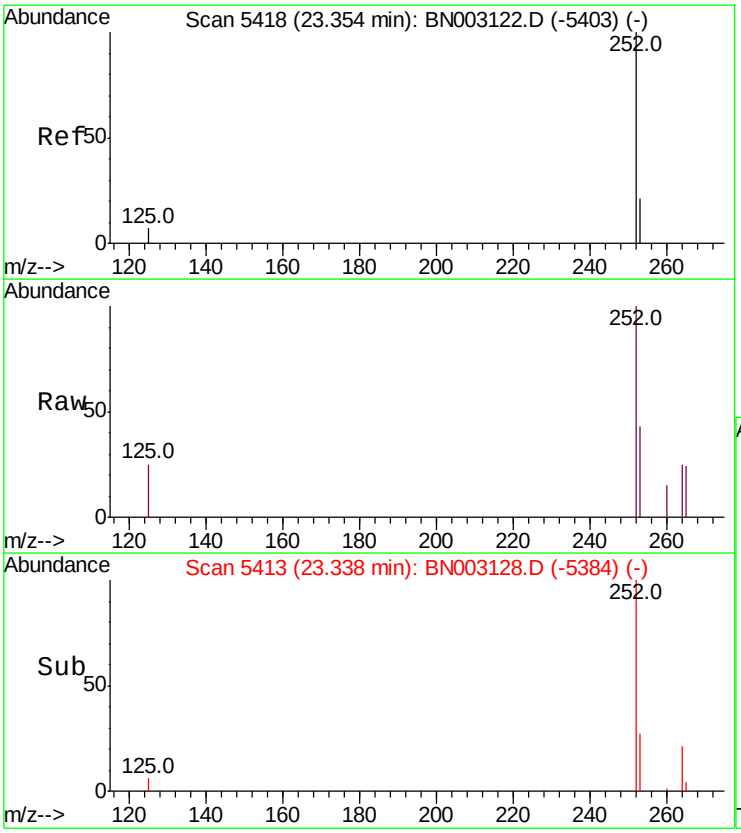
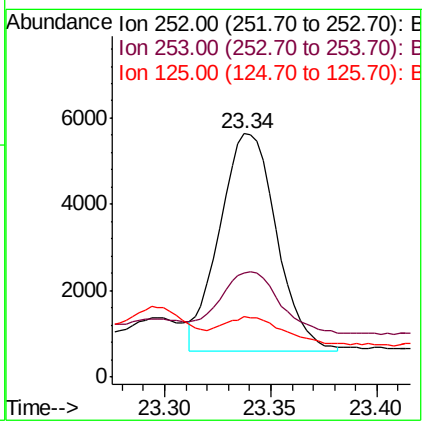


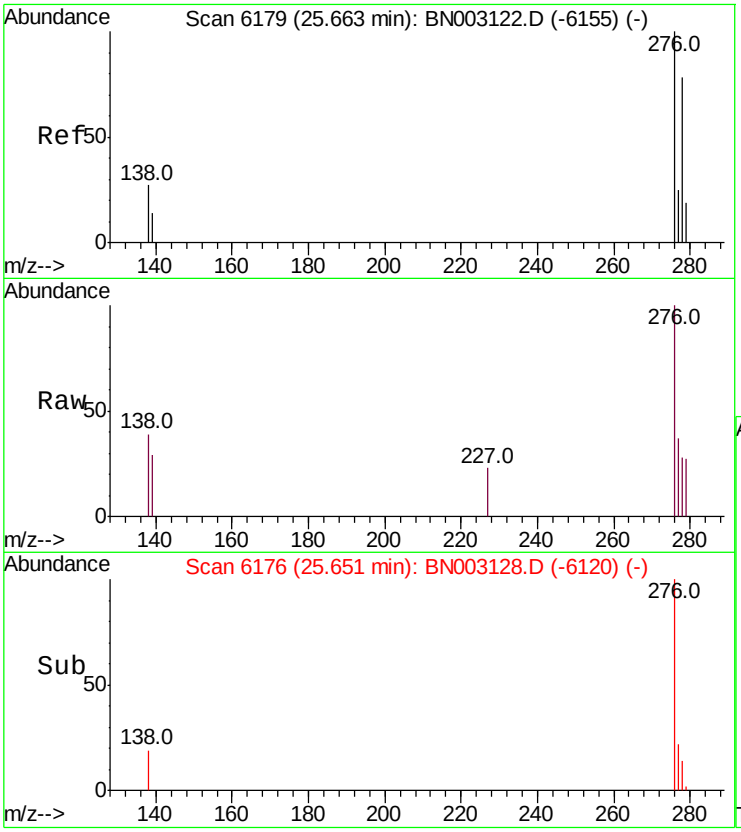


#23
Benzo(a)pyrene
Concen: 0.597 ng/ul m
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:252 Resp: 9458

Ion	Ratio	Lower	Upper
252	100		
253	42.8	23.1	34.7#
125	24.8	16.9	25.3





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.230 ng/ul m
RT: 25.65 min Scan# 6176
Delta R.T. -0.01 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:276 Resp: 4178

Ion	Ratio	Lower	Upper
276	100		
138	3.1	21.5	32.3#
227	0.5	0.3	0.5

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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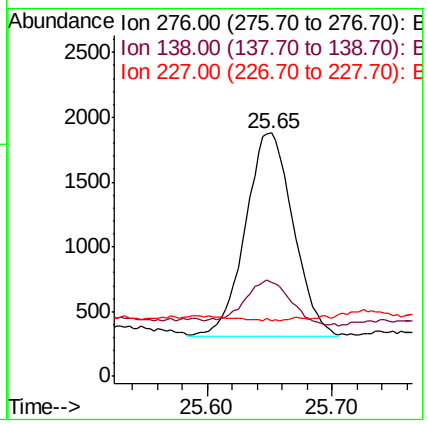
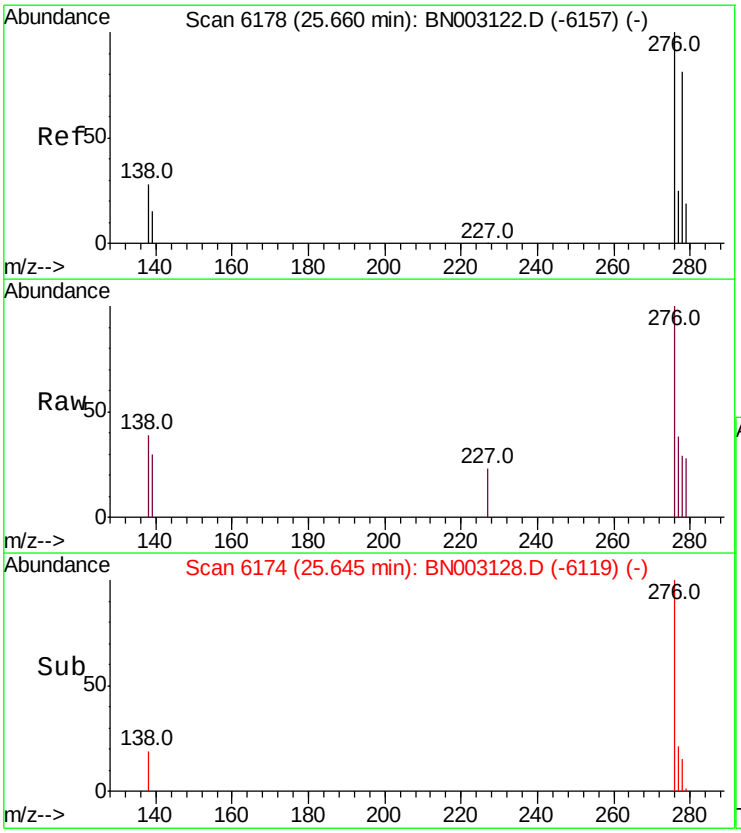
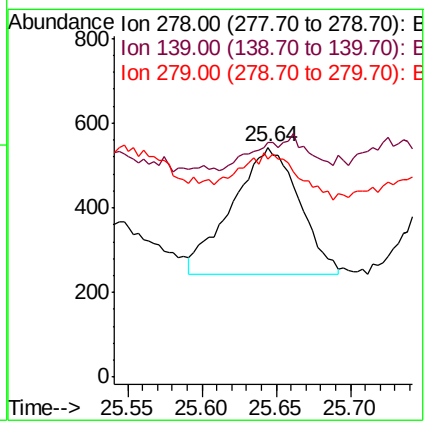


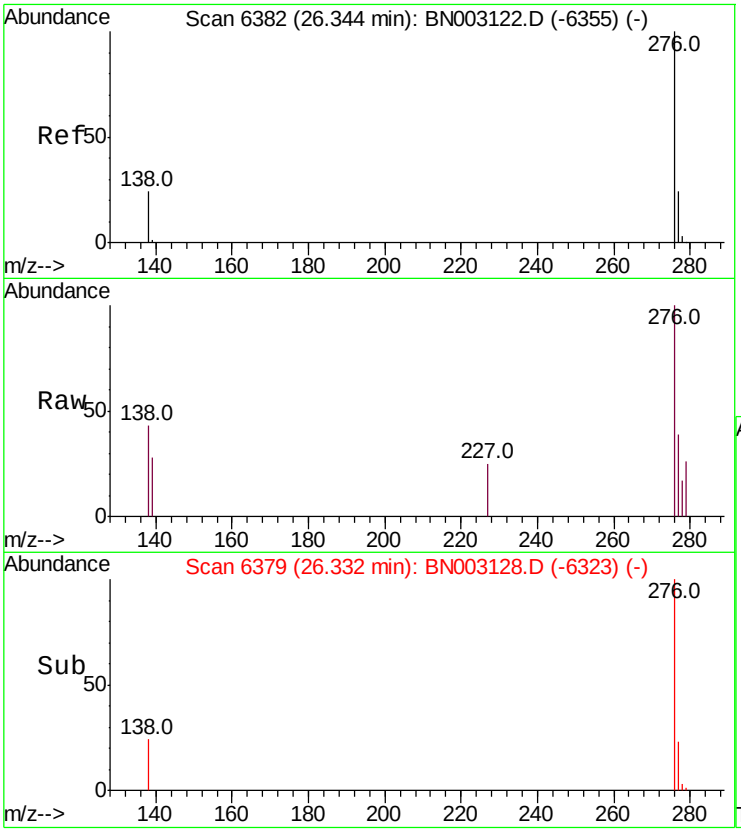


#25
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul m
RT: 25.64 min Scan# 6174
Delta R.T. -0.01 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:278 Resp: 951

Ion	Ratio	Lower	Upper
278	100		
139	102.0	20.2	30.4#
279	94.7	23.8	35.8#

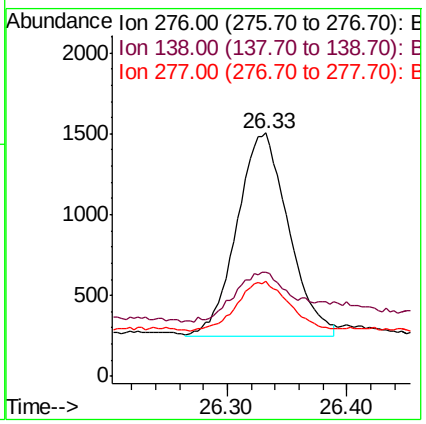




#26
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul m
RT: 26.33 min Scan# 6379
Delta R.T. -0.01 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:276 Resp: 3799

Ion	Ratio	Lower	Upper
276	100		
138	42.7	23.0	34.4#
277	38.9	22.0	33.0#



Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:37 PM