Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003036.D
Acq On : 09 Oct 2018 20:41
Operator : MJ/SJ
Sample : J5157-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
10/10/2018 4:57:47 PM

Quant Time: Oct 10 02:00:00 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 01:34:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1491	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6461	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4010	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	9175m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	8670m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	7699	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4306	0.43	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	11306m	0.43	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1541	0.093	ng/ul#	90
5) 2-Methylnaphthalene	12.09	142	241	0.021	ng/ul	94
7) Acenaphthylene	13.98	152	1800	0.098	ng/ul#	93
8) Acenaphthene	14.32	153	344	0.025	ng/ul#	92
9) Fluorene	15.32	166	451	0.028	ng/ul#	93
12) Phenanthrene	17.06	178	1949m	0.076	ng/ul	
13) Anthracene	17.15	178	3007m	0.124	ng/ul	
15) Fluoranthene	19.09	202	3347m	0.112	ng/ul	
17) Pyrene	19.45	202	24534m	0.729	ng/ul	
18) Benzo(a)anthracene	21.21	228	6041m	0.217	ng/ul	
19) Chrysene	21.27	228	14709	0.519	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	17671m	0.637	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	7982m	0.278	ng/ul	
23) Benzo(a)pyrene	23.34	252	11069	0.445	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.66	276	5487	0.192	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.66	278	1880	0.082	ng/ul#	71
26) Benzo(g,h,i)perylene	26.34	276	5004	0.208	ng/ul	98

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

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Manual Integrations APPROVED
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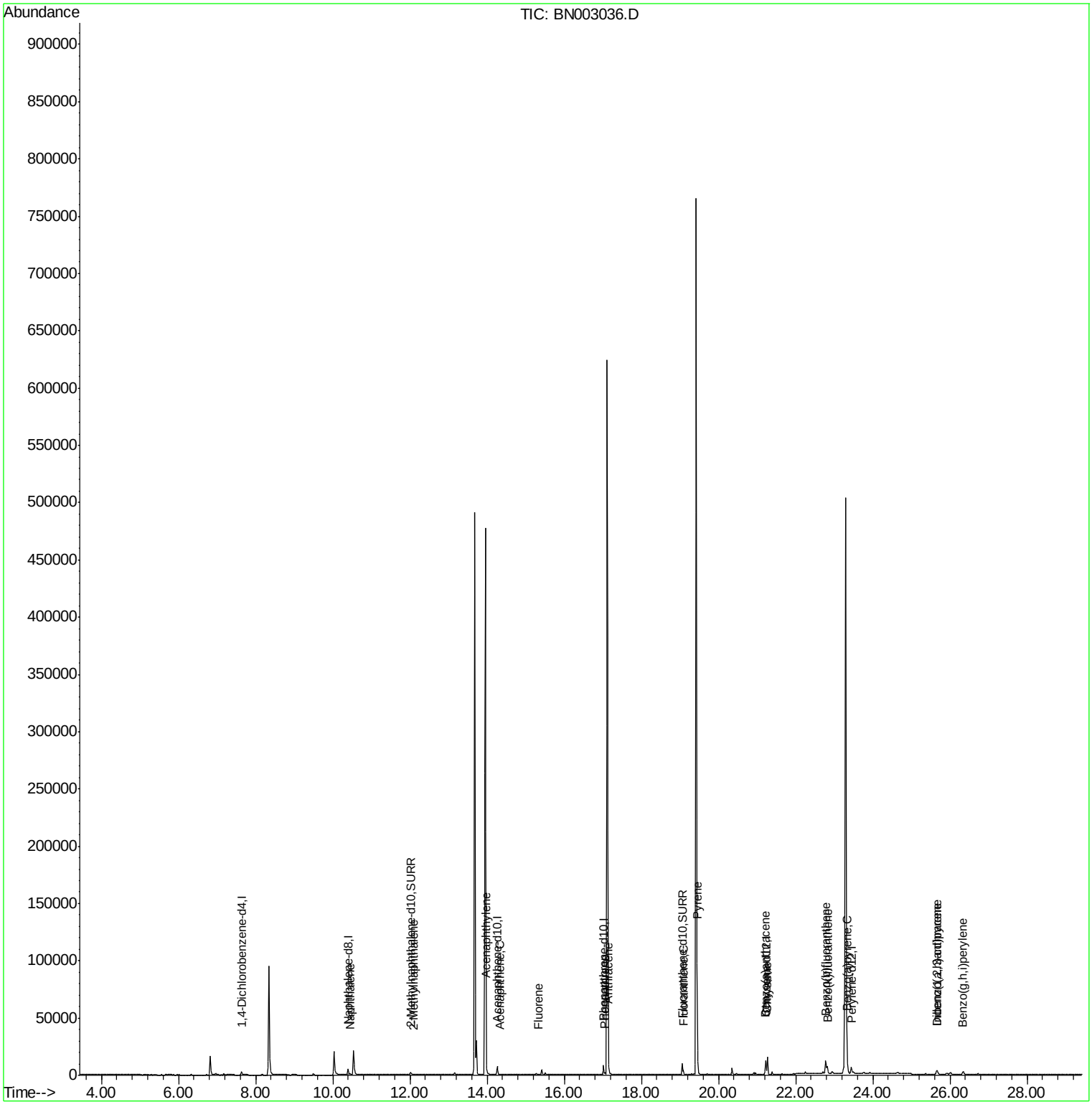

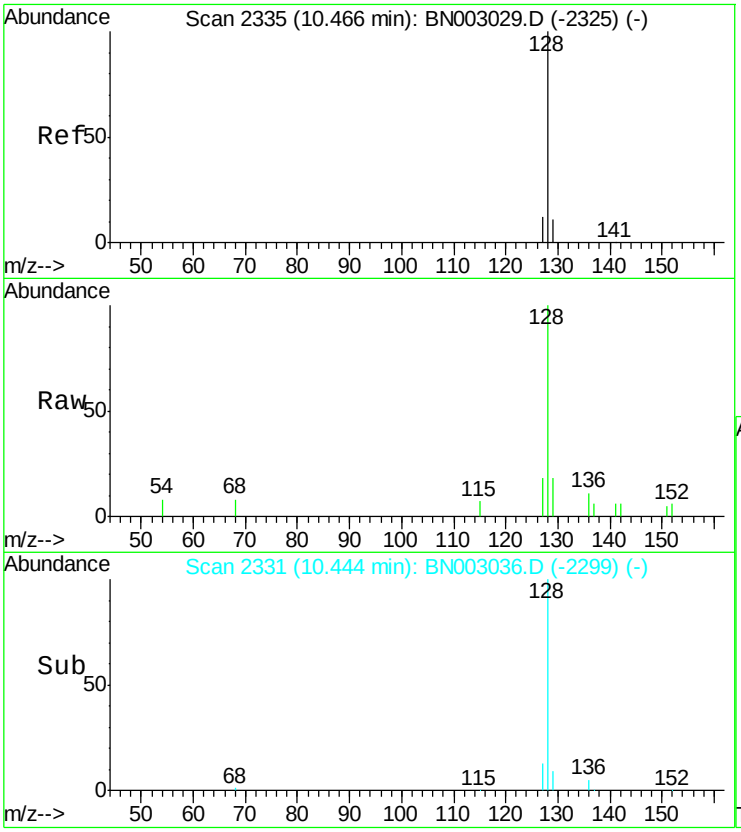

#3
Naphthalene
Concen: 0.093 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:128 Resp: 1541

Ion	Ratio	Lower	Upper
128	100		
129	17.8	10.4	15.6#
127	17.7	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
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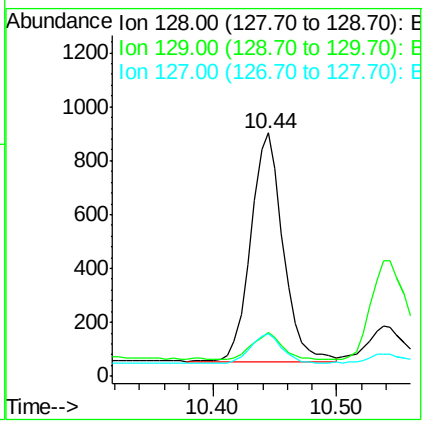
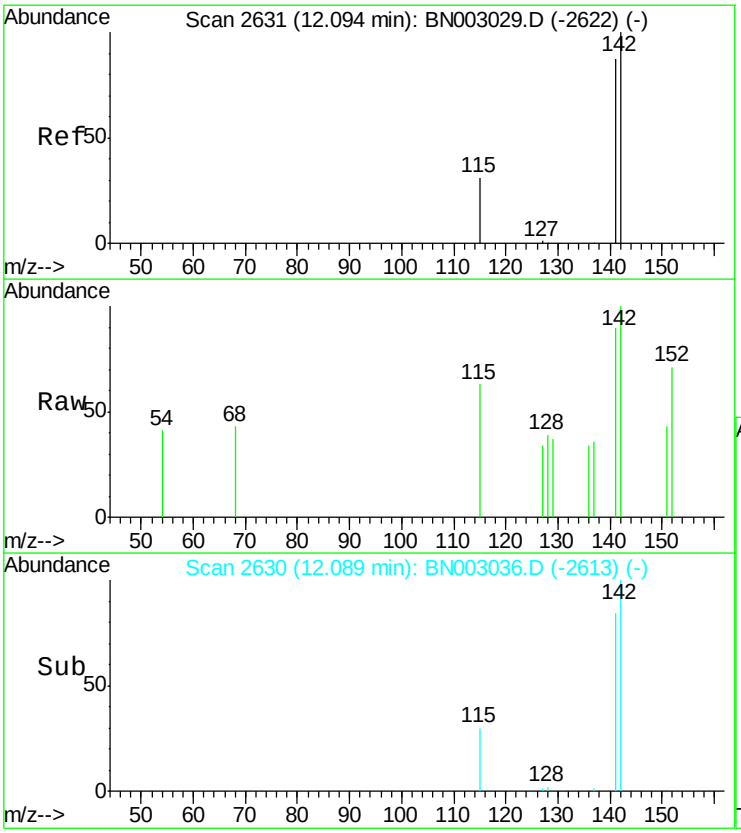
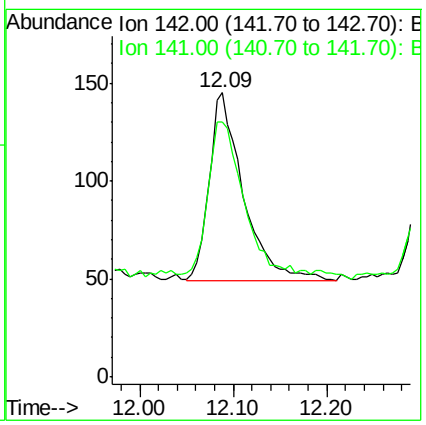


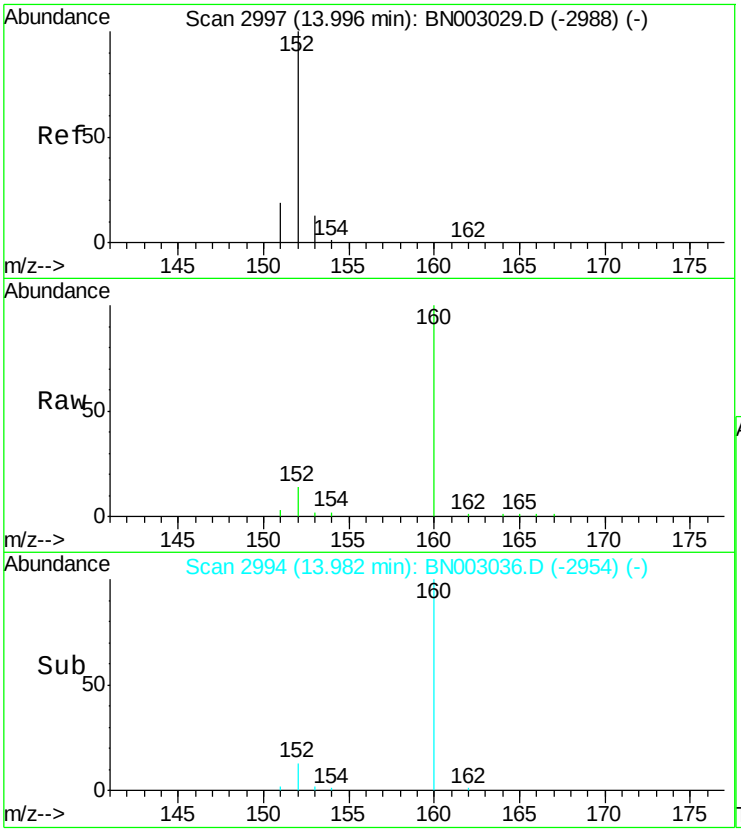


#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.09 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:142 Resp: 241

Ion	Ratio	Lower	Upper
142	100		
141	86.3	73.4	110.0

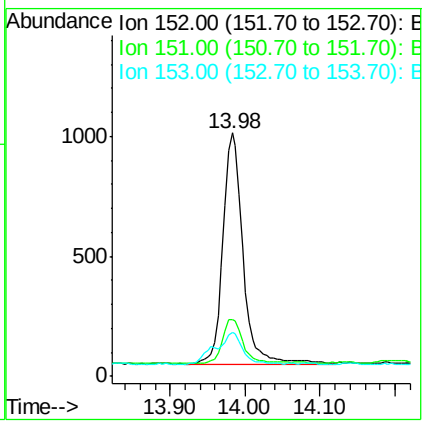




#7
Acenaphthylene
Concen: 0.098 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:152 Resp: 1800

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.5	24.7
153	17.8	11.4	17.2#



Instrument :
BNA_N
ClientSampleId :
C0AC8

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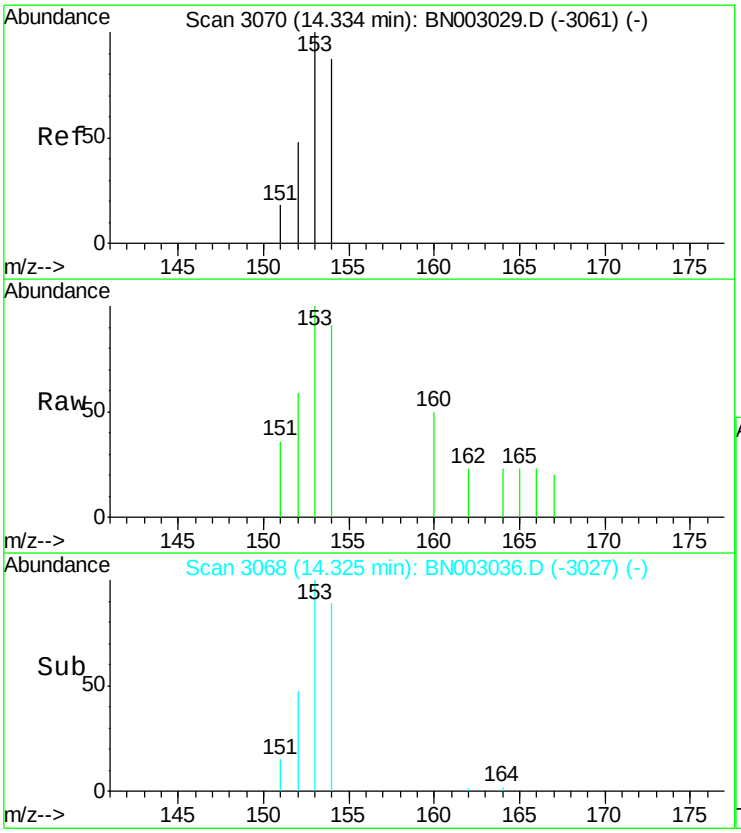
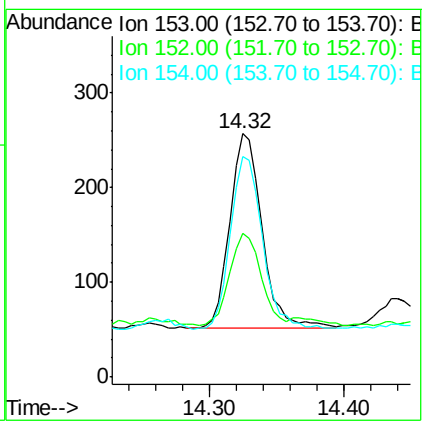
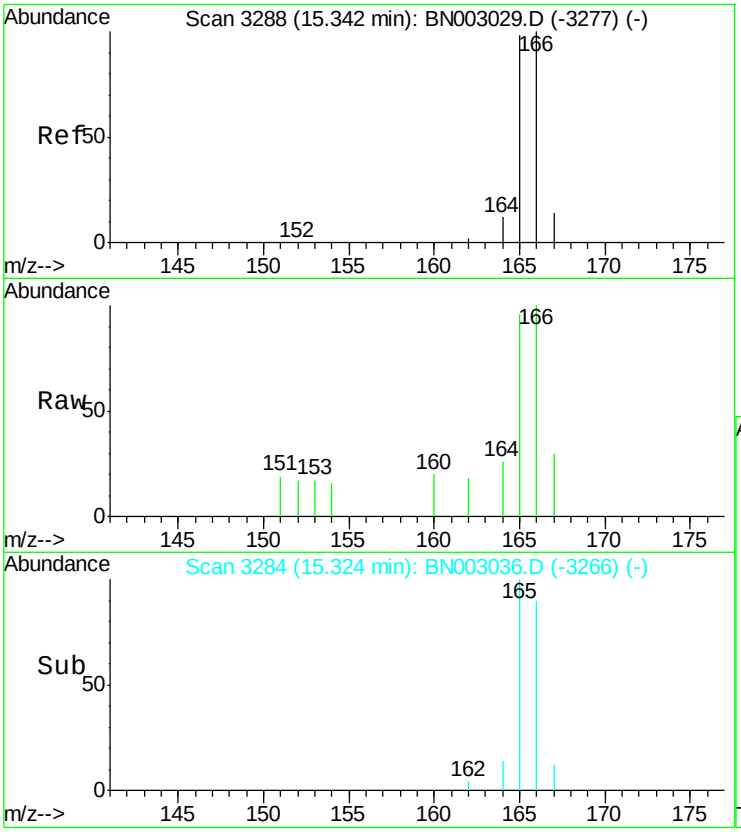


#8
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:153 Resp: 344

Ion	Ratio	Lower	Upper
153	100		
152	59.1	38.2	57.4#
154	90.7	70.2	105.2

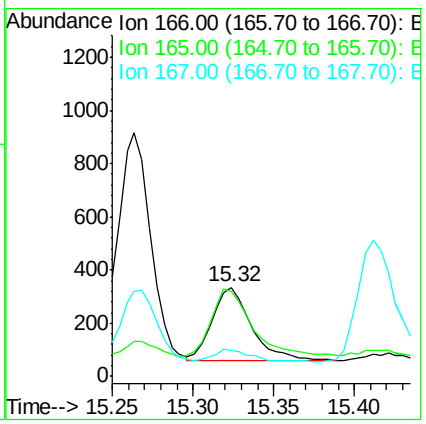




#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.32 min Scan# 3284
Delta R.T. -0.02 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:166 Resp: 451

Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.5	117.7
167	29.6	11.6	17.4#



Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
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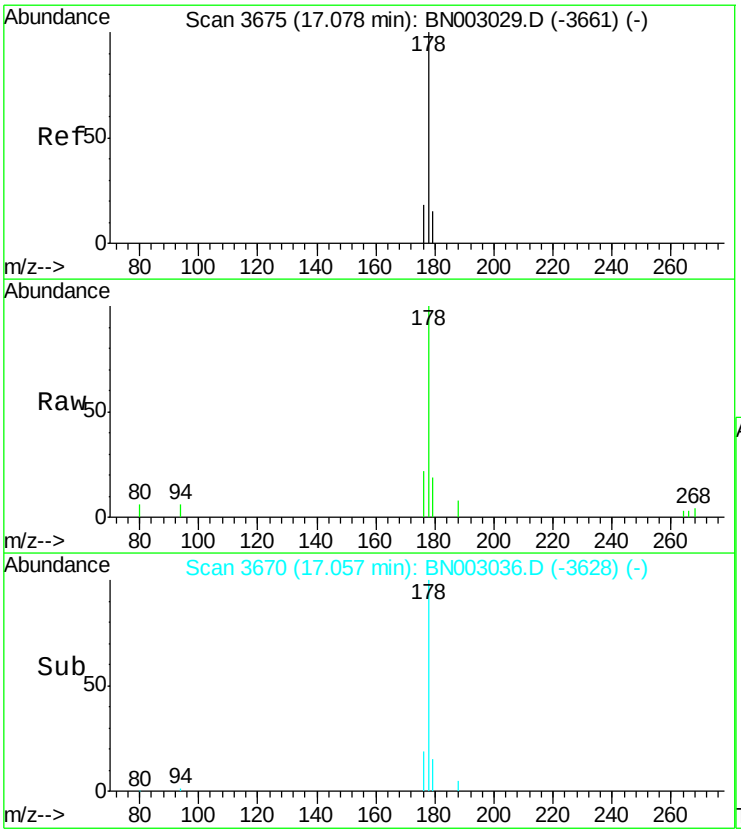
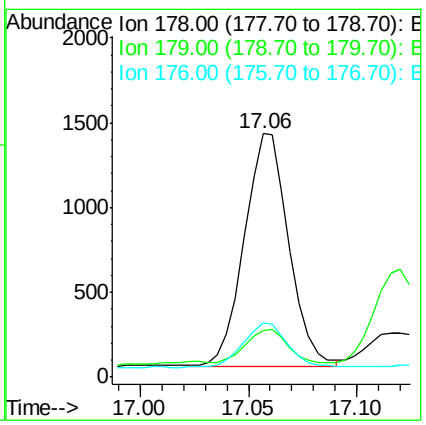
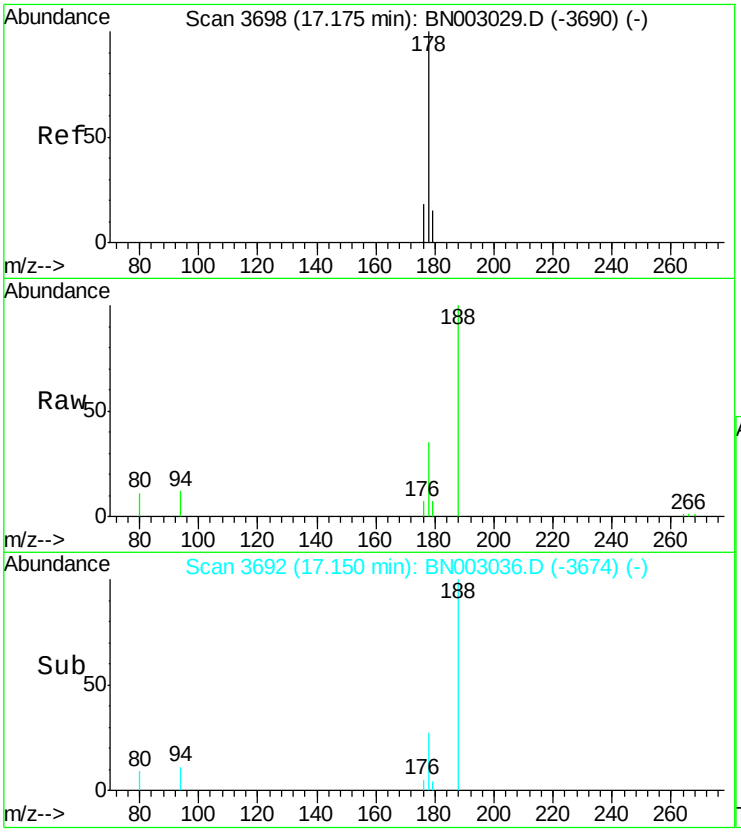


#12
Phenanthrene
Concen: 0.076 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:178 Resp: 1949

Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.9	19.3
176	22.1	15.4	23.2

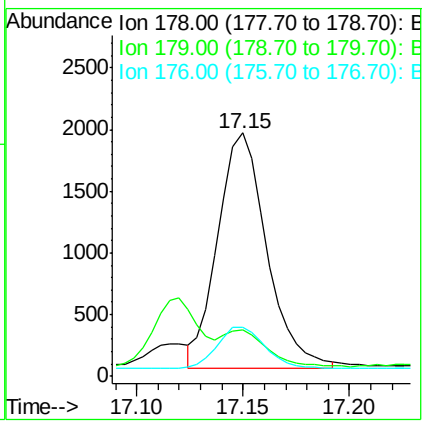




#13
Anthracene
Concen: 0.124 ng/ul m
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:178 Resp: 3007

Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.0	19.6
176	20.2	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AC8

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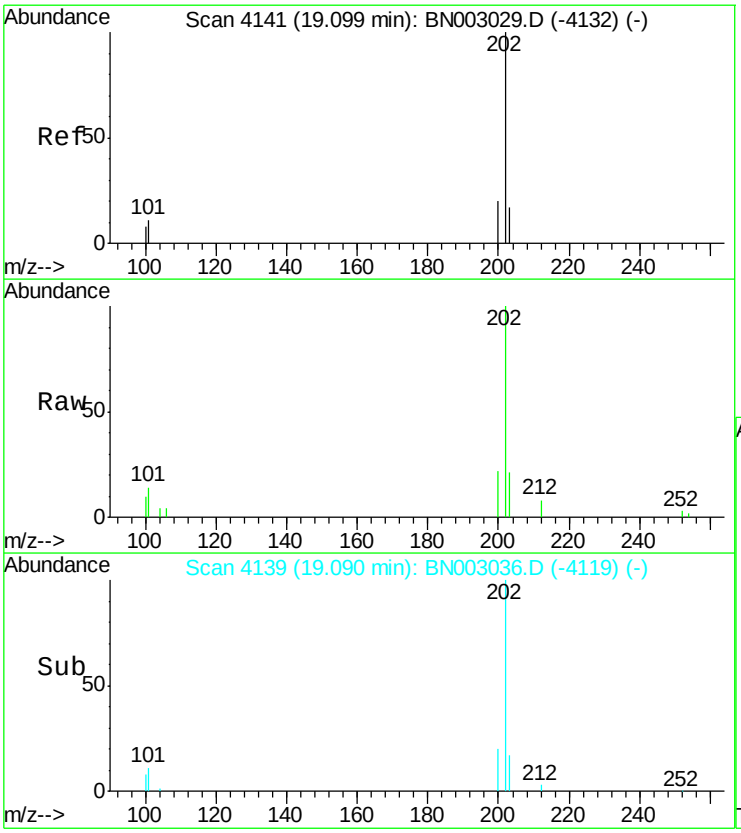
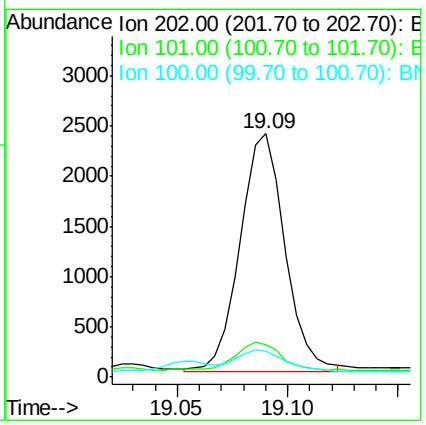
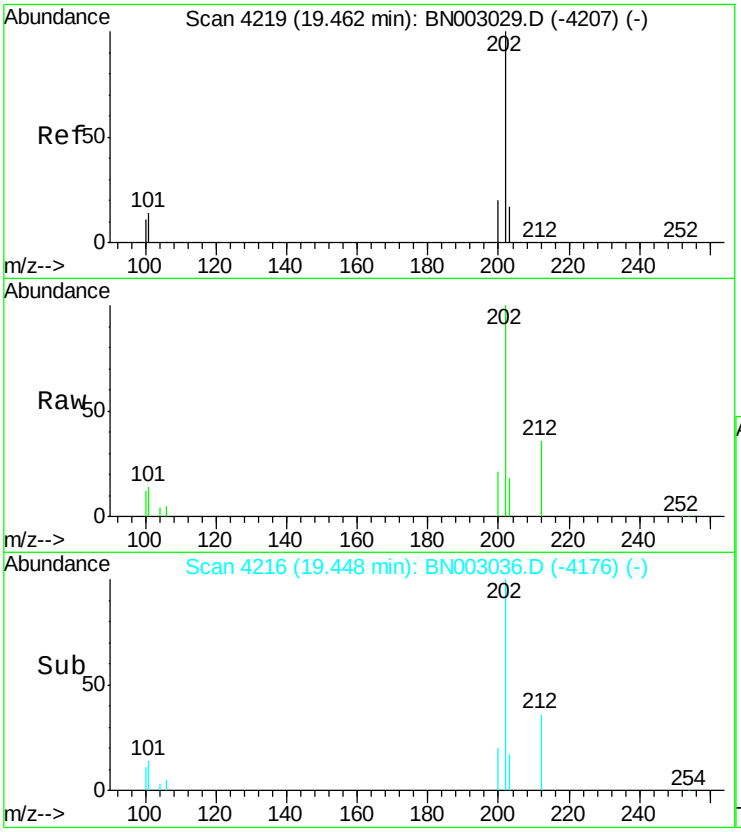


#15
Fluoranthene
Concen: 0.112 ng/ul m
RT: 19.09 min Scan# 4139
Delta R.T. -0.01 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:202 Resp: 3347

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.3
100	10.5	0.0	29.1

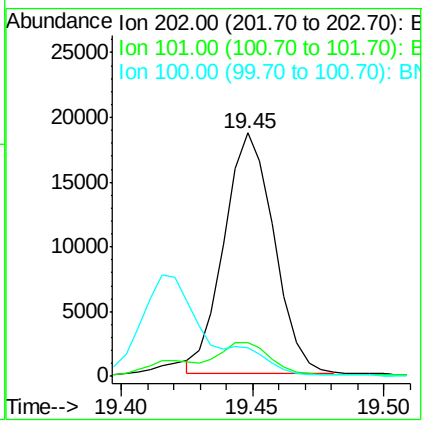




#17
Pyrene
Concen: 0.729 ng/ul m
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:202 Resp: 24534

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.9	17.9
100	11.6	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
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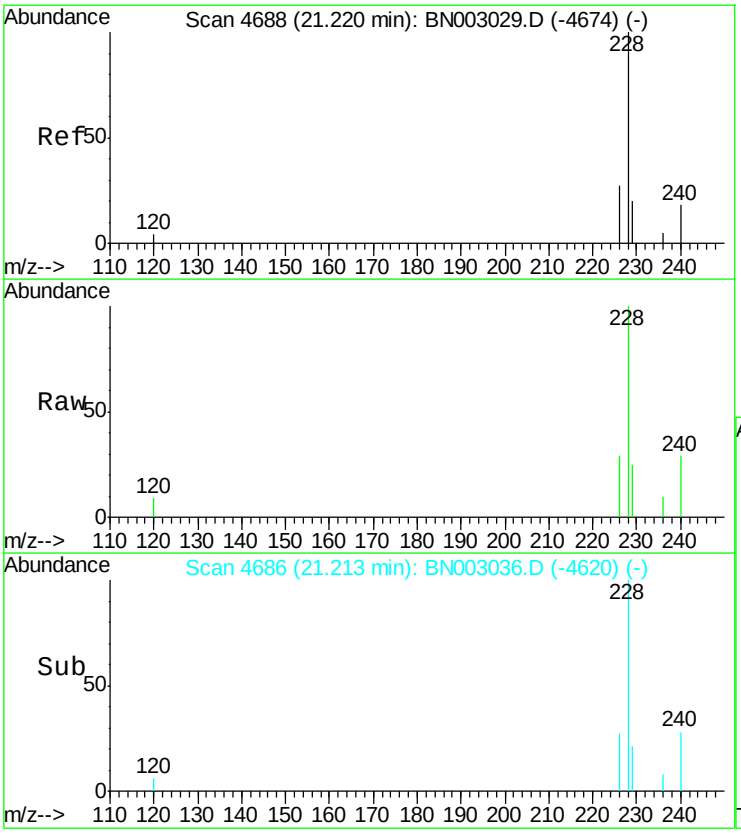
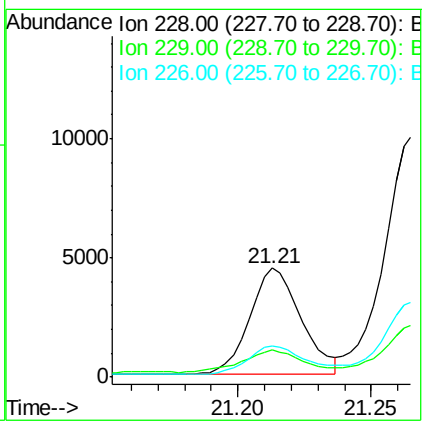
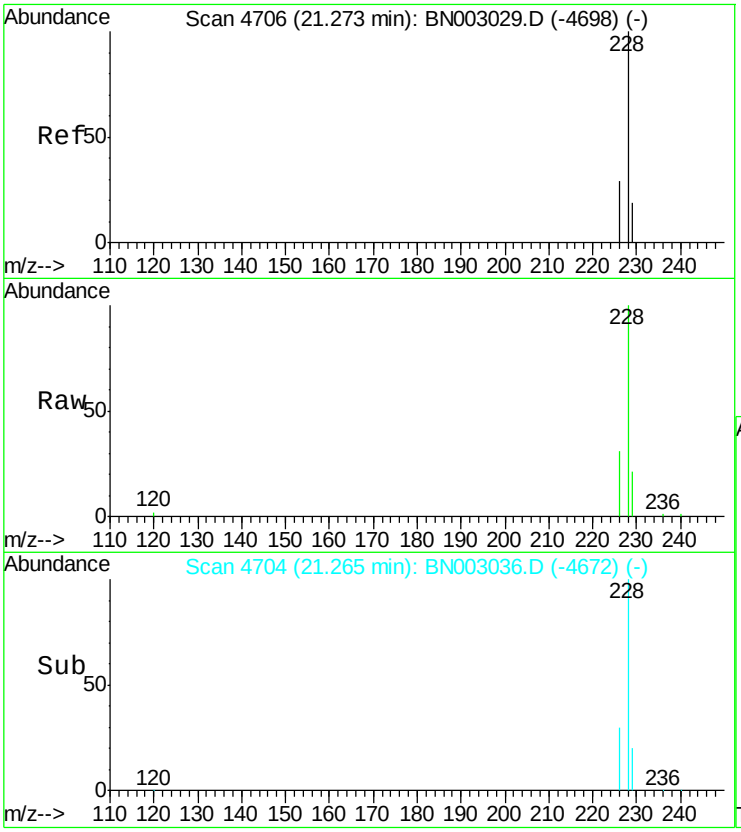


#18
Benzo(a)anthracene
Concen: 0.217 ng/ul m
RT: 21.21 min Scan# 4686
Delta R.T. -0.01 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:228 Resp: 6041

Ion	Ratio	Lower	Upper
228	100		
229	24.7	16.2	24.2#
226	28.8	22.3	33.5





#19
Chrysene
Concen: 0.519 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. -0.01 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:228 Resp: 14709

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	21.5	16.7	25.1

Instrument :
BNA_N
ClientSampleId :
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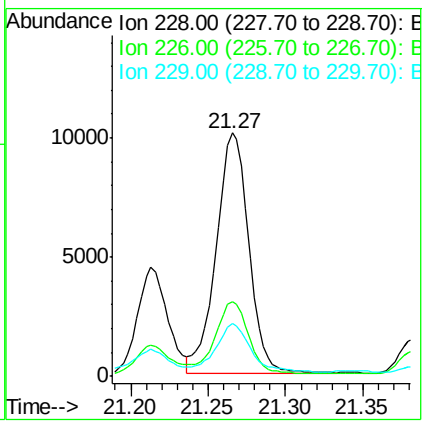
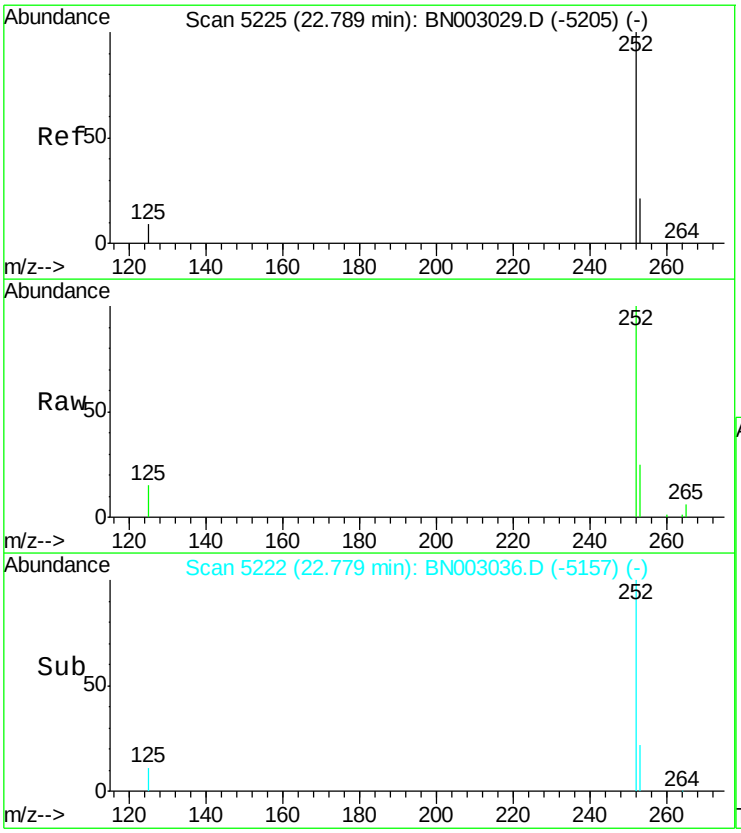
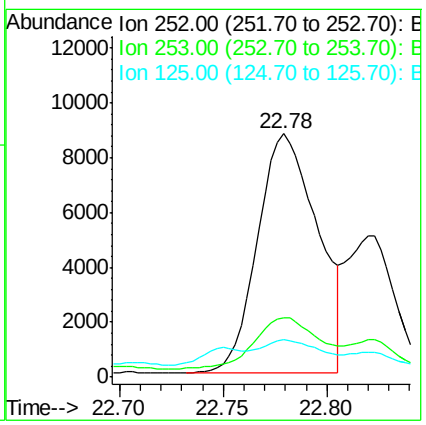


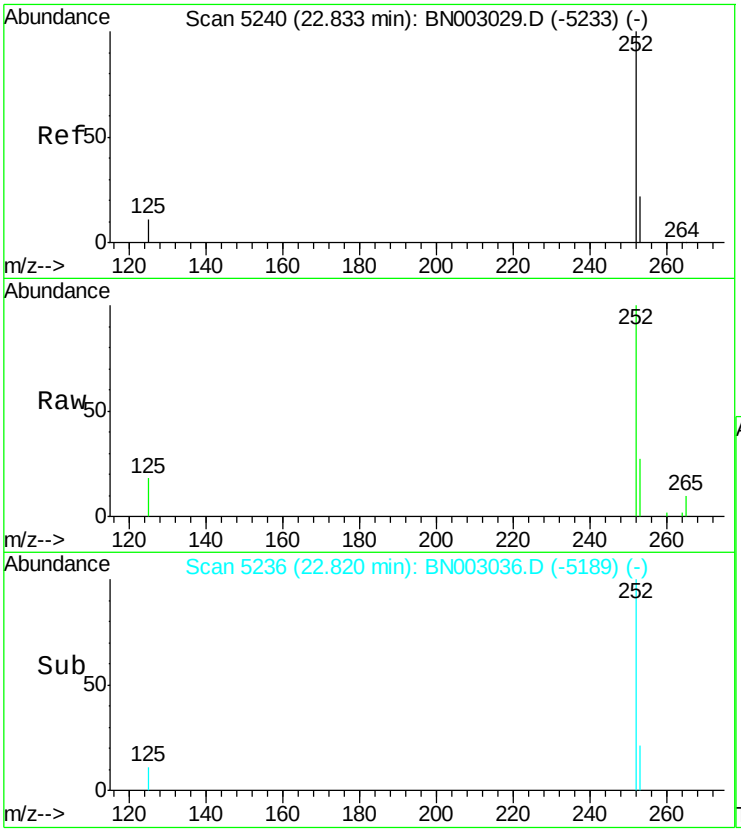


#21
Benzo(b)fluoranthene
Concen: 0.637 ng/ul m
RT: 22.78 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:252 Resp: 17671

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	53.2
125	15.4	0.0	34.2

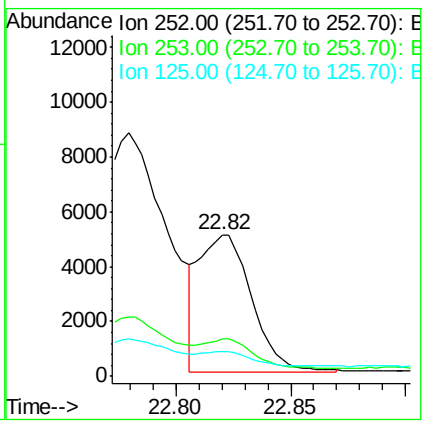




#22
Benzo(k)fluoranthene
Concen: 0.278 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. -0.01 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:252 Resp: 7982

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.3	31.9
125	17.8	14.1	21.1



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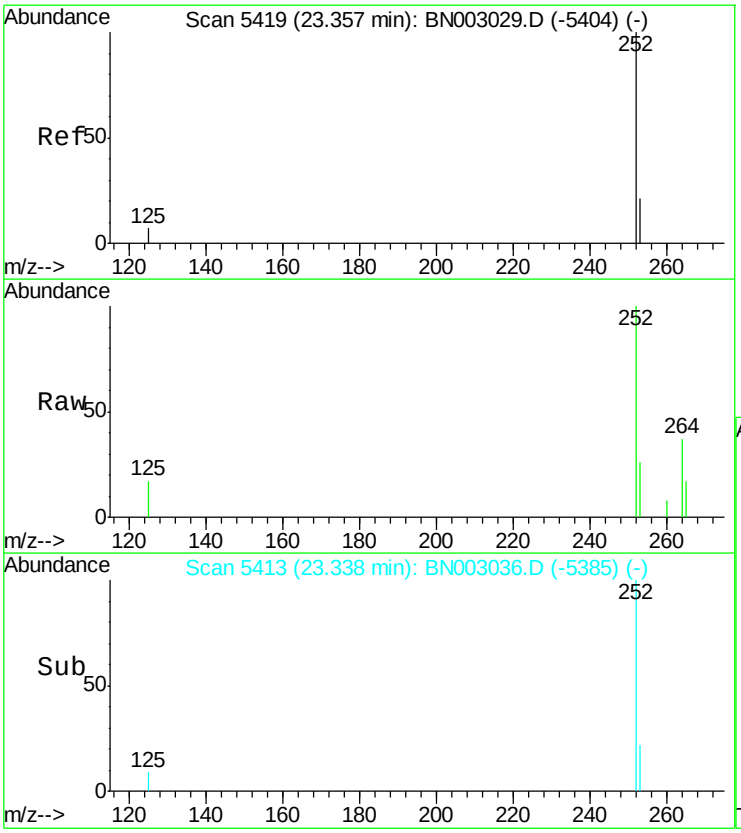
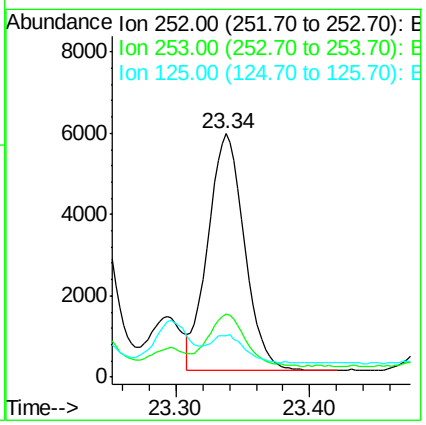
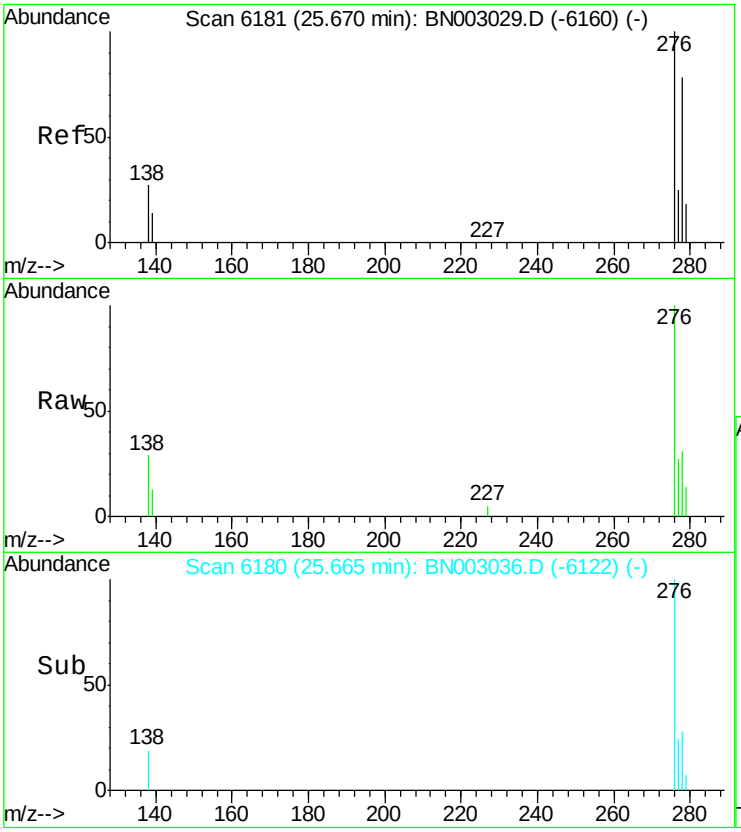


#23
Benzo(a)pyrene
Concen: 0.445 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:252 Resp: 11069

Ion	Ratio	Lower	Upper
252	100		
253	26.2	23.1	34.7
125	17.2	16.9	25.3





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 25.66 min Scan# 6180
Delta R.T. -0.00 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:276 Resp: 5487

Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.5	32.3
227	0.1	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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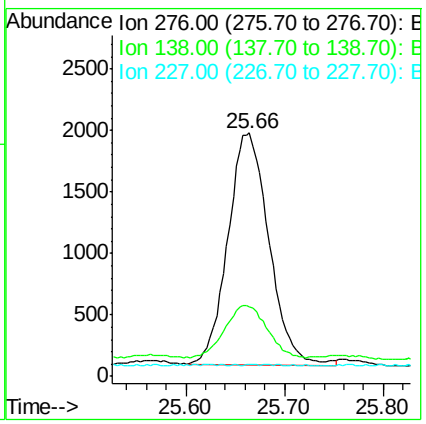
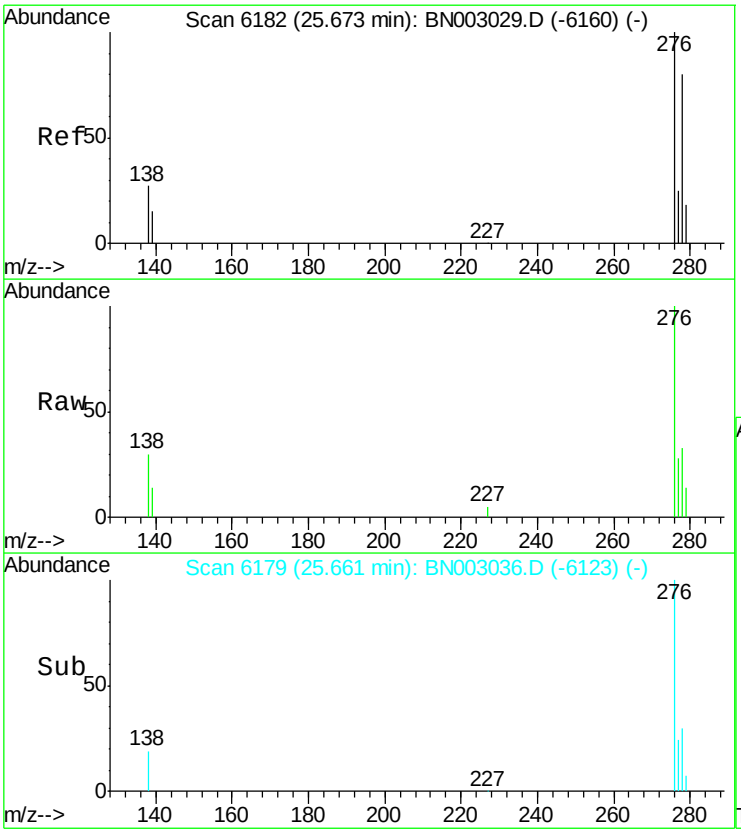
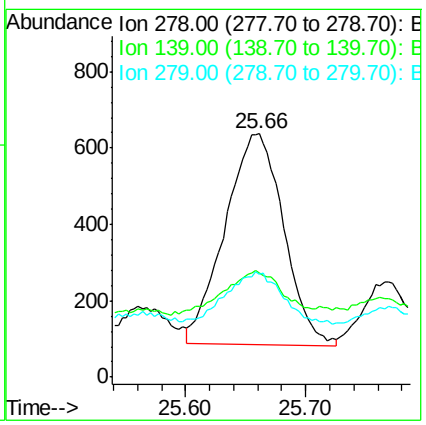


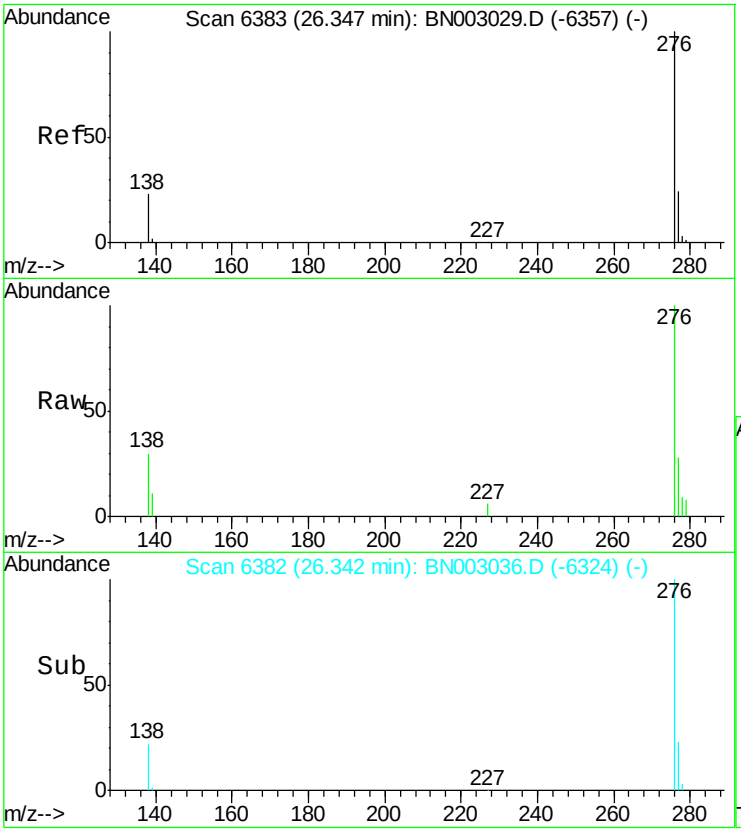


#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 25.66 min Scan# 6179
Delta R.T. -0.01 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:278 Resp: 1880

Ion	Ratio	Lower	Upper
278	100		
139	42.8	20.2	30.4#
279	42.5	23.8	35.8#

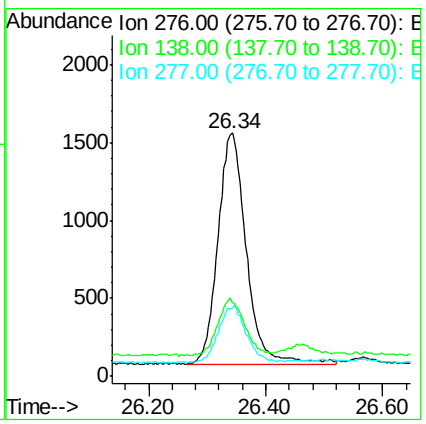




#26
Benzo(g,h,i)perylene
Concen: 0.208 ng/ul
RT: 26.34 min Scan# 6382
Delta R.T. -0.00 min
Lab File: BN003036.D
Acq: 09 Oct 2018 20:41

Tgt Ion:276 Resp: 5004

Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.0	34.4
277	28.2	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
10/10/2018 4:57:47 PM