Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006147.D
Acq On : 06 Jun 2019 21:45
Operator : JU/SJ
Sample : K3201-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB5

Manual Integrations APPROVED
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6/11/2019 5:07:34 PM

Quant Time: Jun 07 01:31:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 00:25:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6430	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	24024	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13039	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	27834m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	24538m	0.40	ng/ul	-0.03
20) Perylene-d12	23.50	264	21291m	0.40	ng/ul	-0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	12428	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	31771m	0.42	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	4123	0.062	ng/ul#	91
5) 2-Methylnaphthalene	12.10	142	1427	0.031	ng/ul	89
7) Acenaphthylene	14.02	152	18981	0.262	ng/ul	99
8) Acenaphthene	14.36	153	6236	0.124	ng/ul	99
9) Fluorene	15.36	166	7867	0.134	ng/ul	98
12) Phenanthrene	17.09	178	227220m	2.543	ng/ul	
13) Anthracene	17.19	178	54219m	0.635	ng/ul	
15) Fluoranthene	19.12	202	649912m	6.587	ng/ul	
17) Pyrene	19.49	202	525885	4.069	ng/ul	99
18) Benzo(a)anthracene	21.25	228	281940m	2.598	ng/ul	
19) Chrysene	21.31	228	292859	2.874	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	452522m	5.097	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	164872m	1.907	ng/ul	
23) Benzo(a)pyrene	23.41	252	273447m	3.307	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	219819m	2.456	ng/ul	
25) Dibenzo(a,h)anthracene	25.74	278	51186m	0.715	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	175252m	2.338	ng/ul	

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

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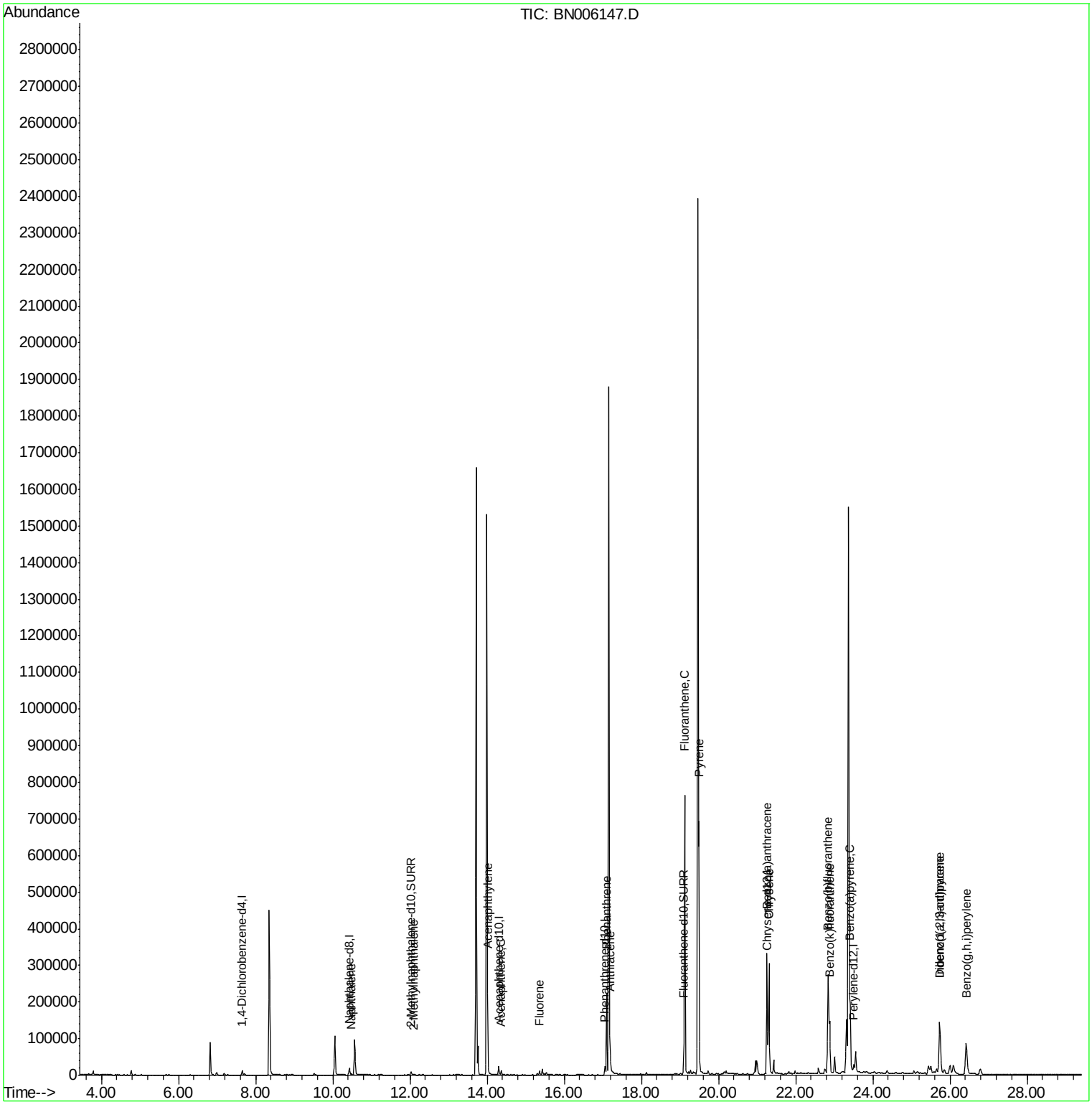

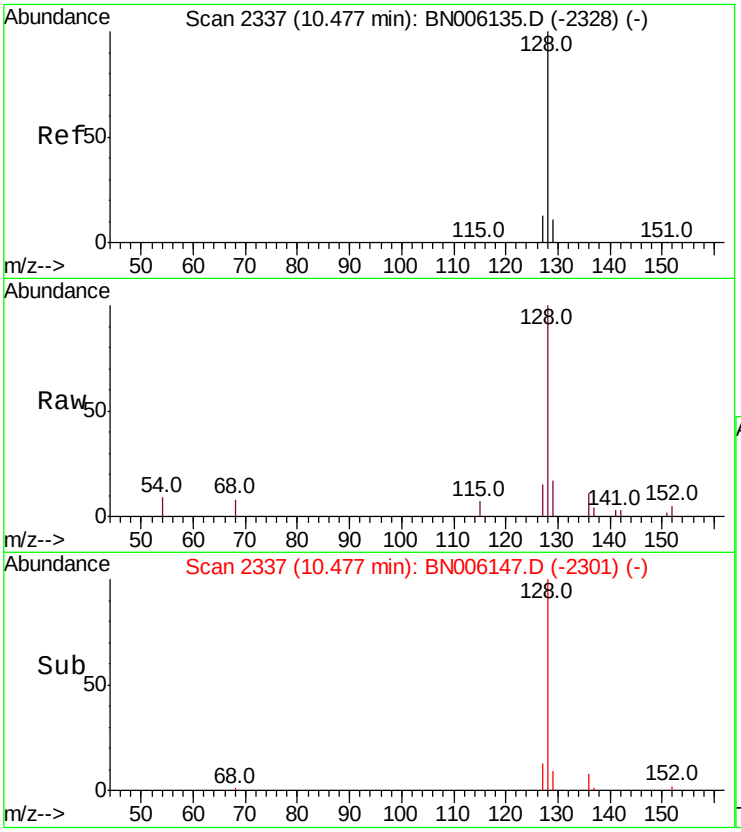

#3
Naphthalene
Concen: 0.062 ng/ul
RT: 10.48 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:128 Resp: 4123

Ion	Ratio	Lower	Upper
128	100		
129	16.7	9.3	13.9#
127	15.2	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
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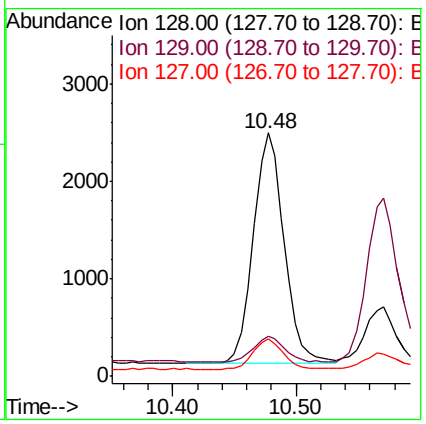
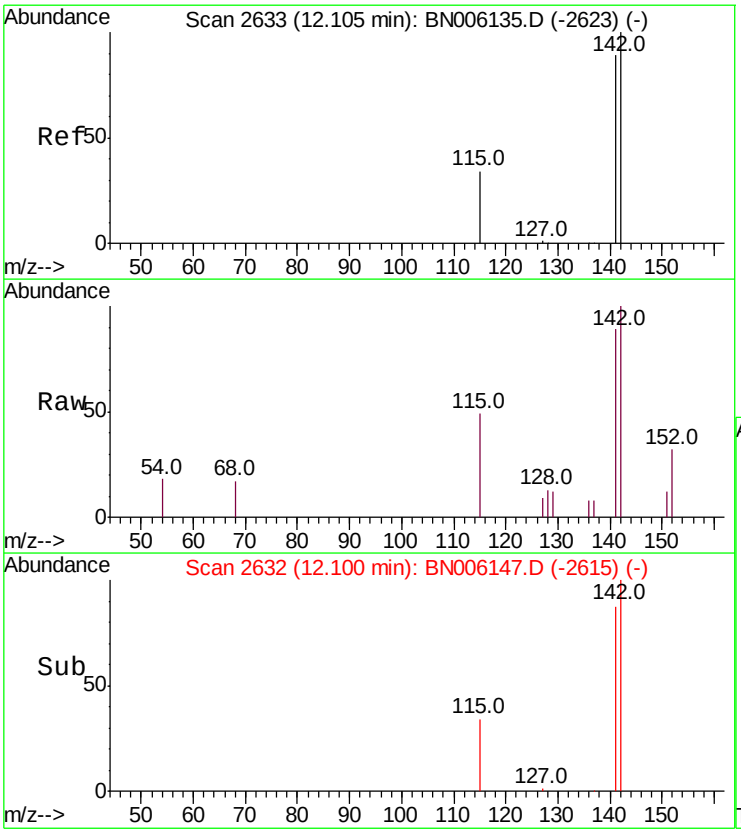
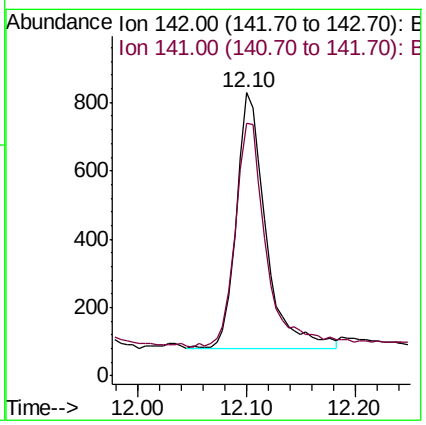


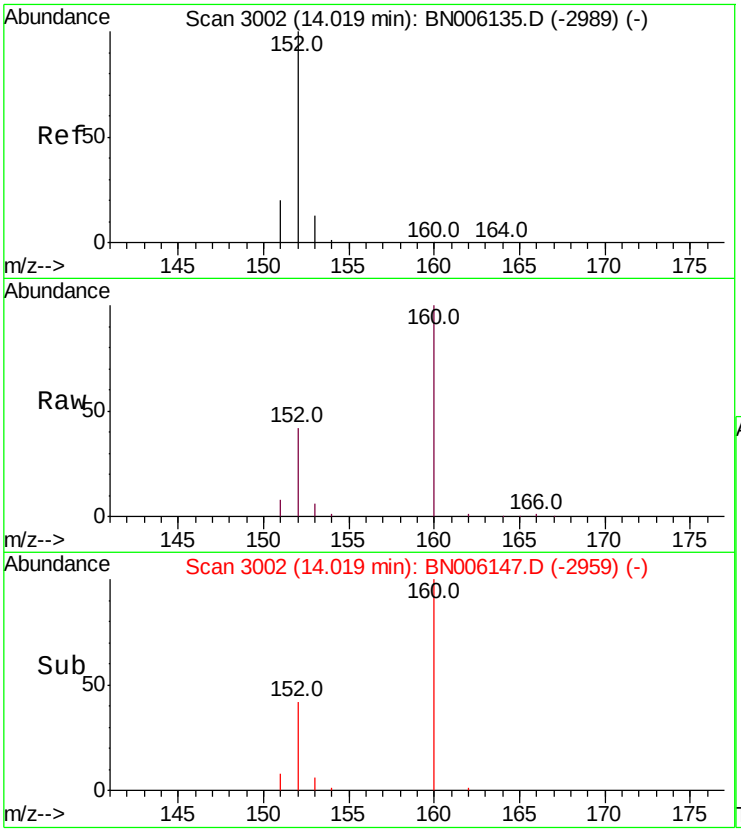


#5
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. -0.01 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:142 Resp: 1427

Ion	Ratio	Lower	Upper
142	100		
141	97.7	70.3	105.5

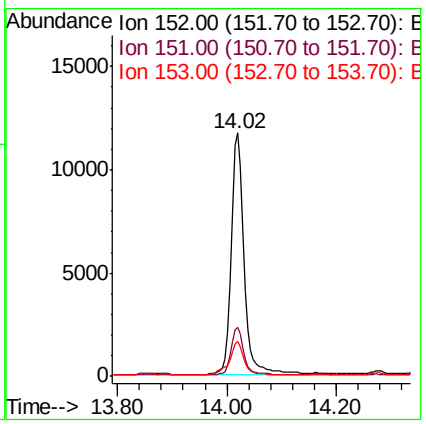




#7
Acenaphthylene
Concen: 0.262 ng/ul
RT: 14.02 min Scan# 3002
Delta R.T. -0.00 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:152 Resp: 18981

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	14.1	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
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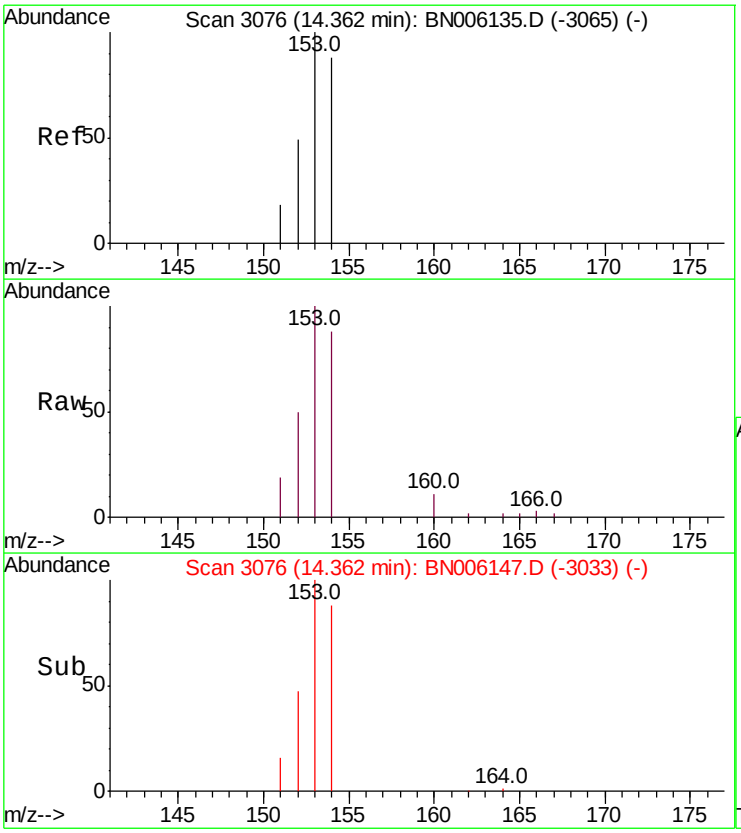
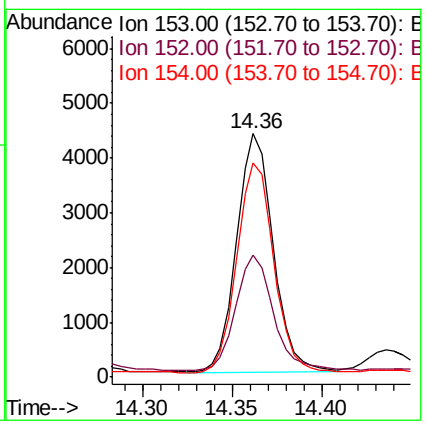
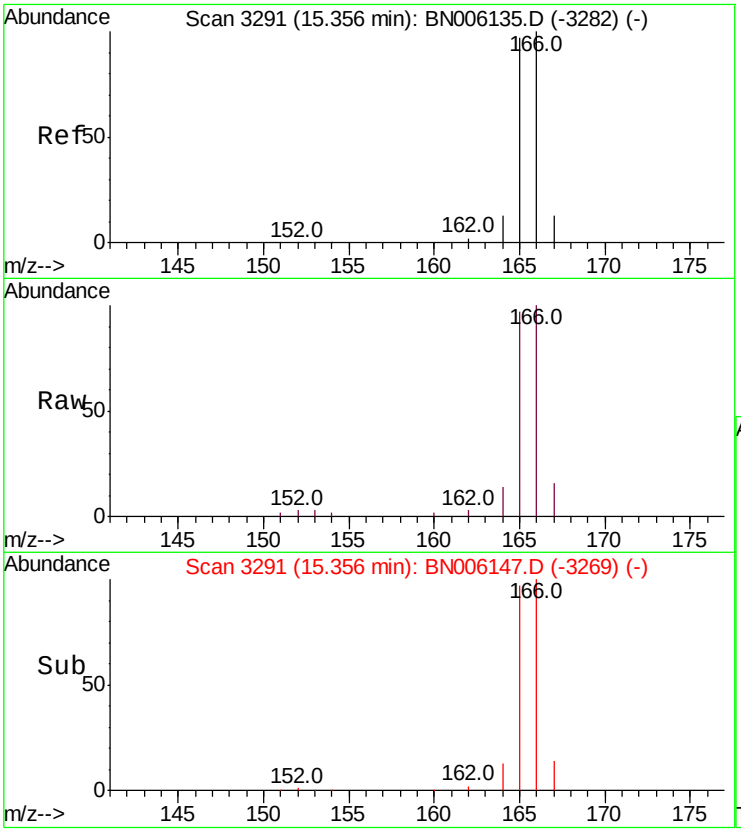


#8
Acenaphthene
Concen: 0.124 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:153 Resp: 6236

Ion	Ratio	Lower	Upper
153	100		
152	50.0	39.1	58.7
154	88.0	71.1	106.7

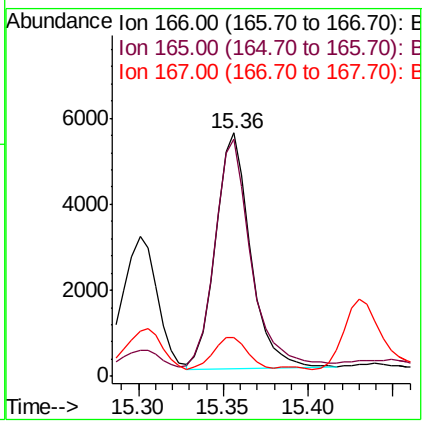




#9
Fluorene
Concen: 0.134 ng/ul
RT: 15.36 min Scan# 3291
Delta R.T. -0.00 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:166 Resp: 7867

Ion	Ratio	Lower	Upper
166	100		
165	97.3	76.4	114.6
167	15.8	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
C0AB5

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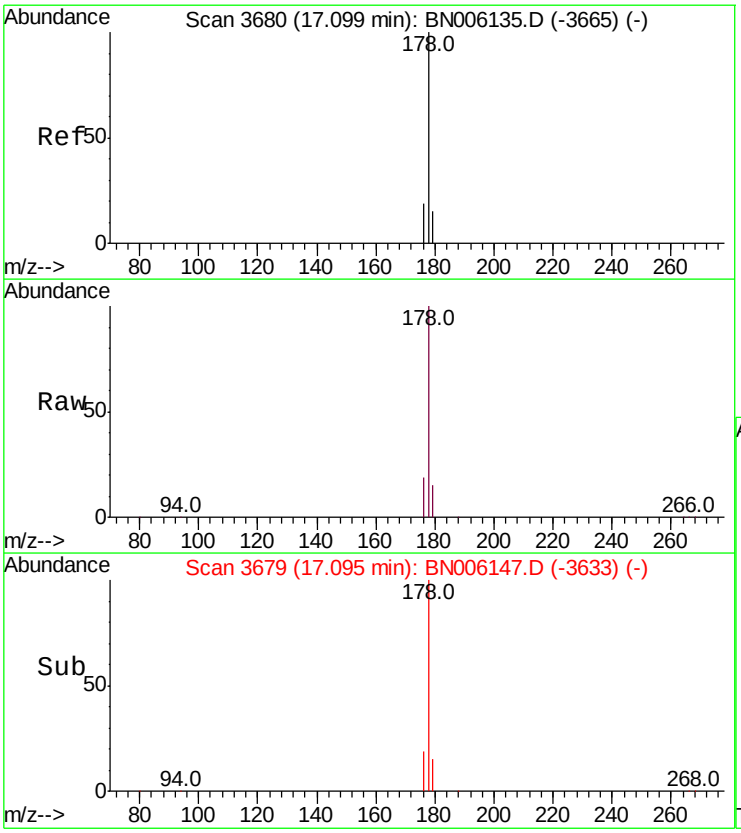
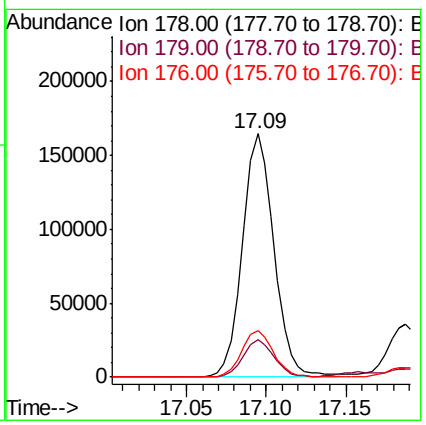
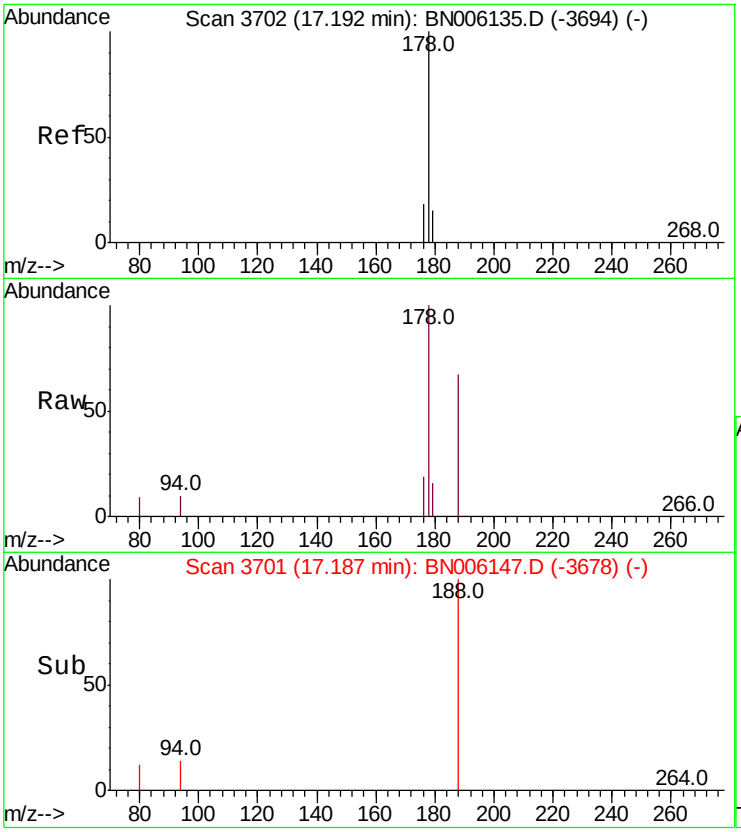


#12
Phenanthrene
Concen: 2.543 ng/ul m
RT: 17.09 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:178 Resp: 227220

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.3	22.9

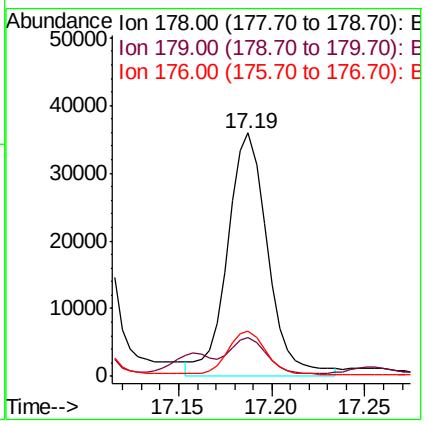




#13
Anthracene
Concen: 0.635 ng/ul m
RT: 17.19 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:178 Resp: 54219

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.7	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0AB5

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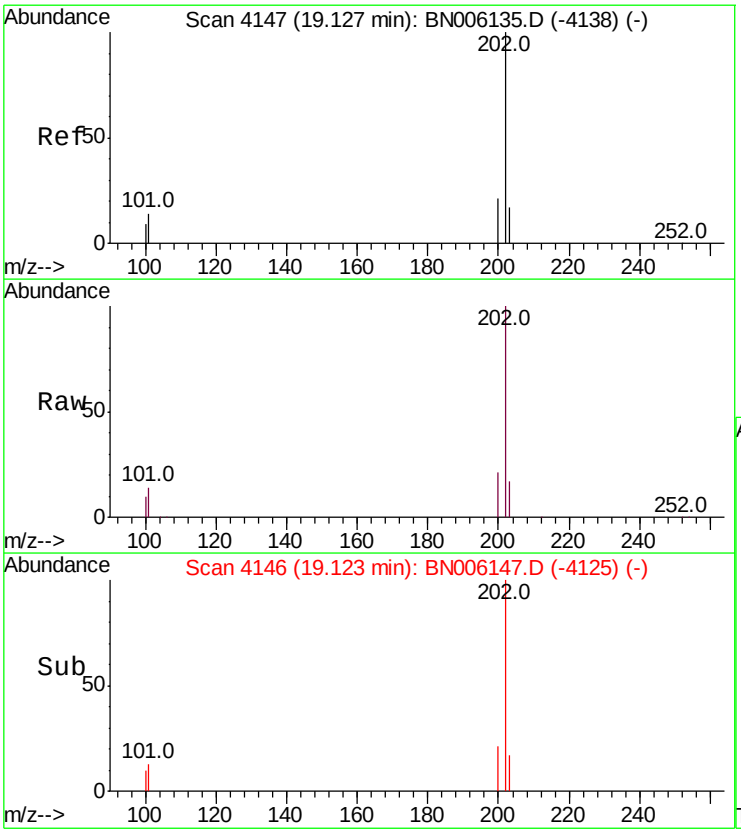
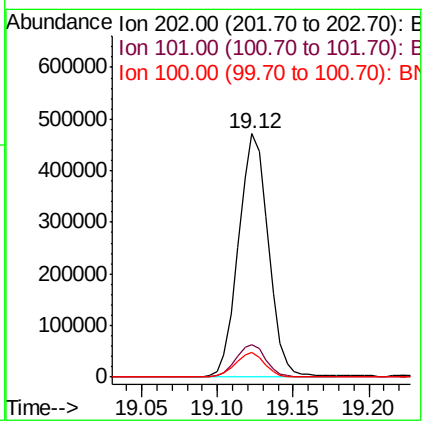
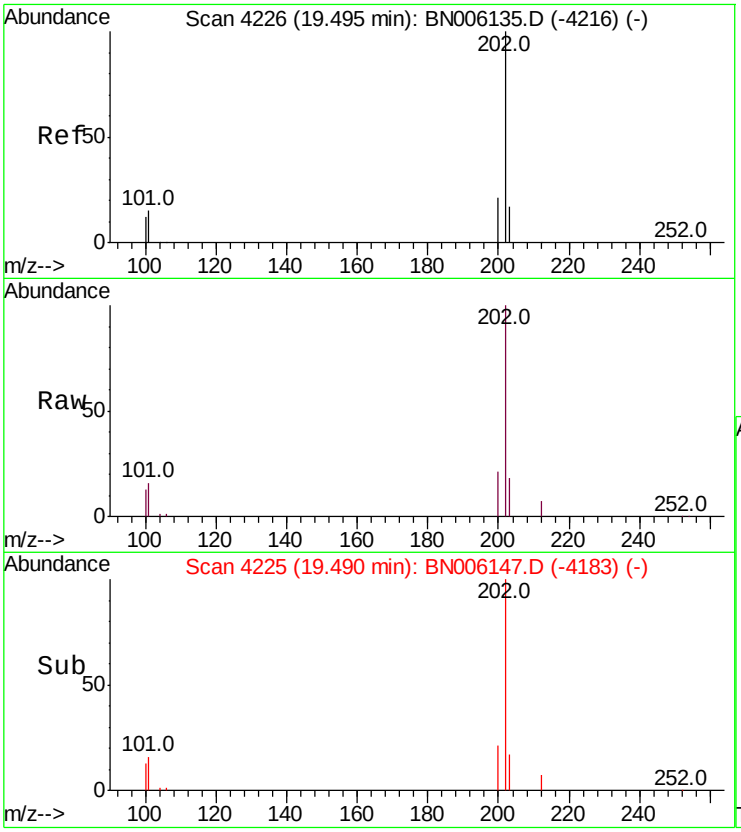


#15
Fluoranthene
Concen: 6.587 ng/ul m
RT: 19.12 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:202 Resp: 649912

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	32.1
100	10.0	0.0	28.7

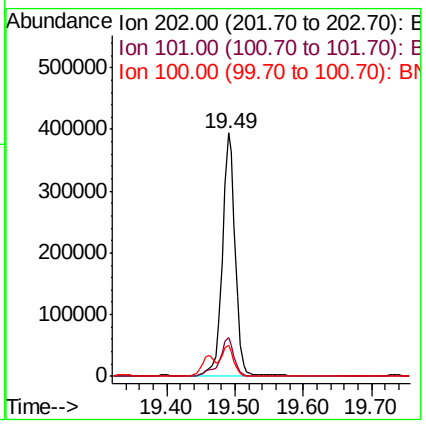




#17
Pyrene
Concen: 4.069 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:202 Resp: 525885

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.2	18.2
100	12.6	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
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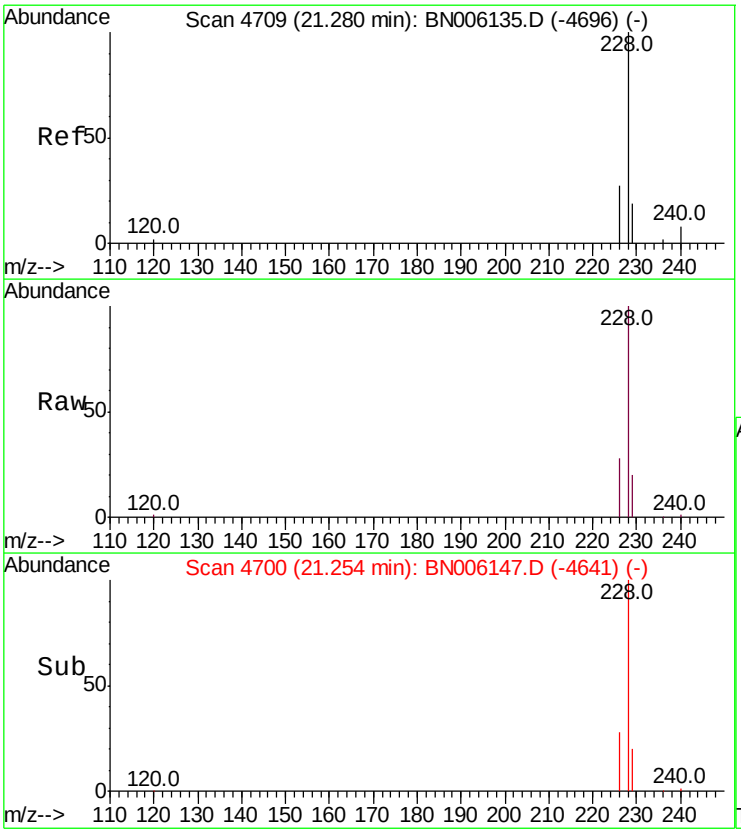
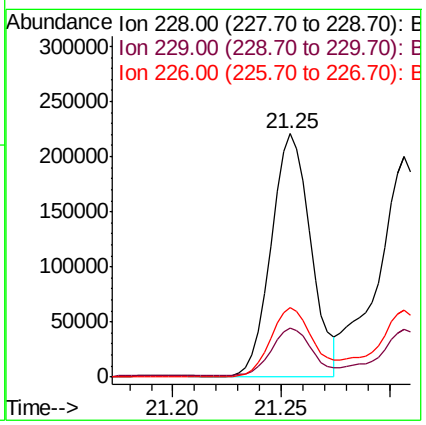
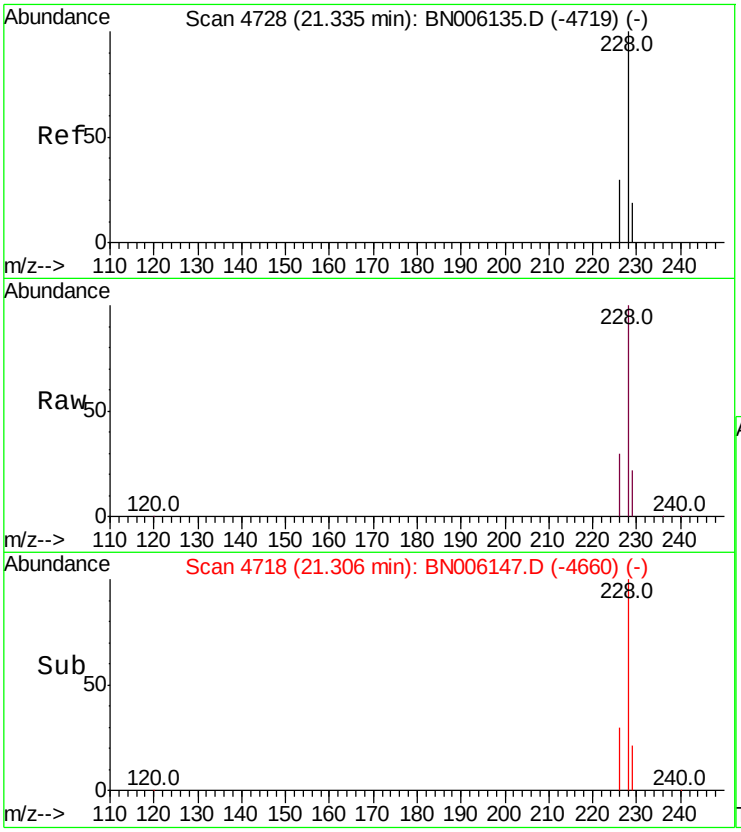


#18
Benzo(a)anthracene
Concen: 2.598 ng/ul m
RT: 21.25 min Scan# 4700
Delta R.T. -0.03 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:228 Resp: 281940

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.5	24.7
226	28.3	22.8	34.2

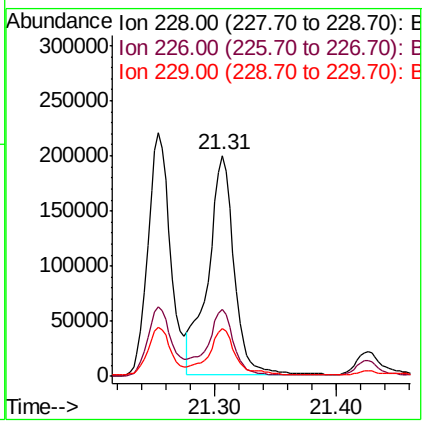




#19
Chrysene
Concen: 2.874 ng/ul
RT: 21.31 min Scan# 4718
Delta R.T. -0.03 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:228 Resp: 292859

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.7	16.3	24.5



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ClientSampleId :
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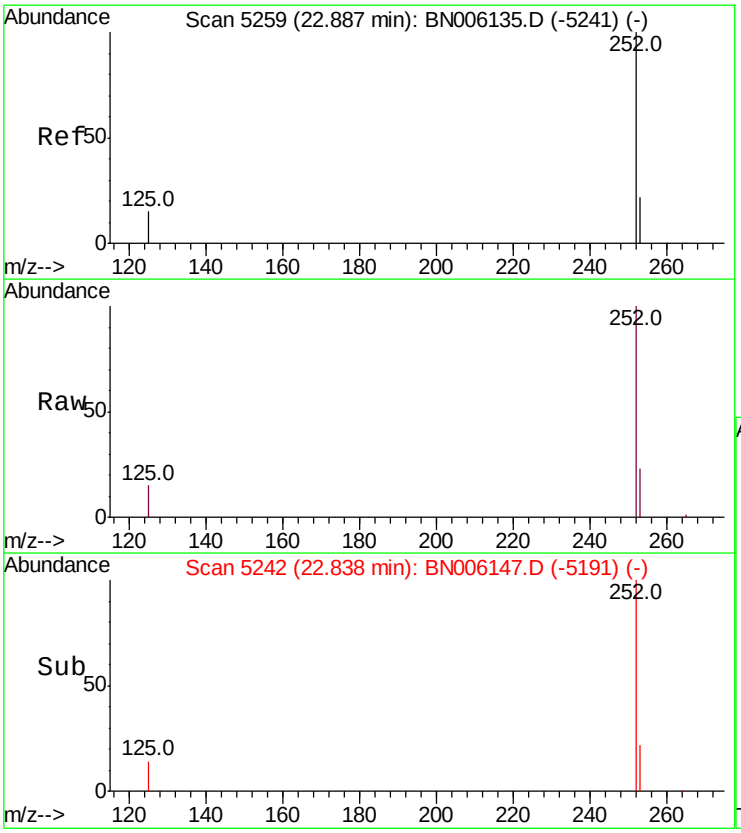
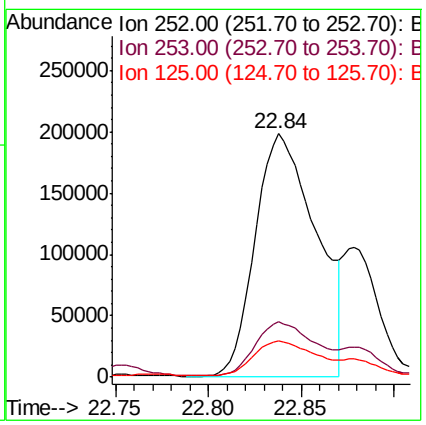
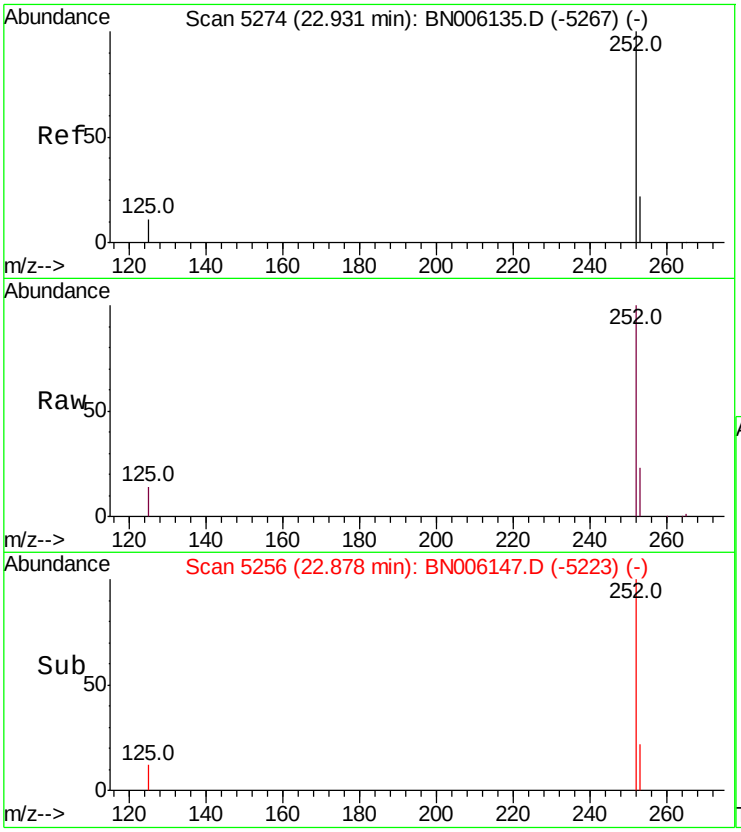


#21
Benzo(b)fluoranthene
Concen: 5.097 ng/ul m
RT: 22.84 min Scan# 5242
Delta R.T. -0.05 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:252 Resp: 452522

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	51.4
125	14.9	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 1.907 ng/ul m
RT: 22.88 min Scan# 5256
Delta R.T. -0.05 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:252 Resp: 164872

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.3	30.5
125	14.0	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
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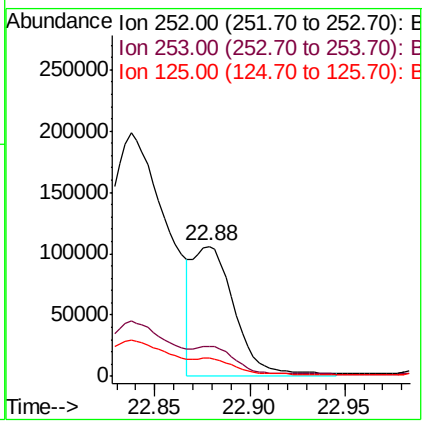
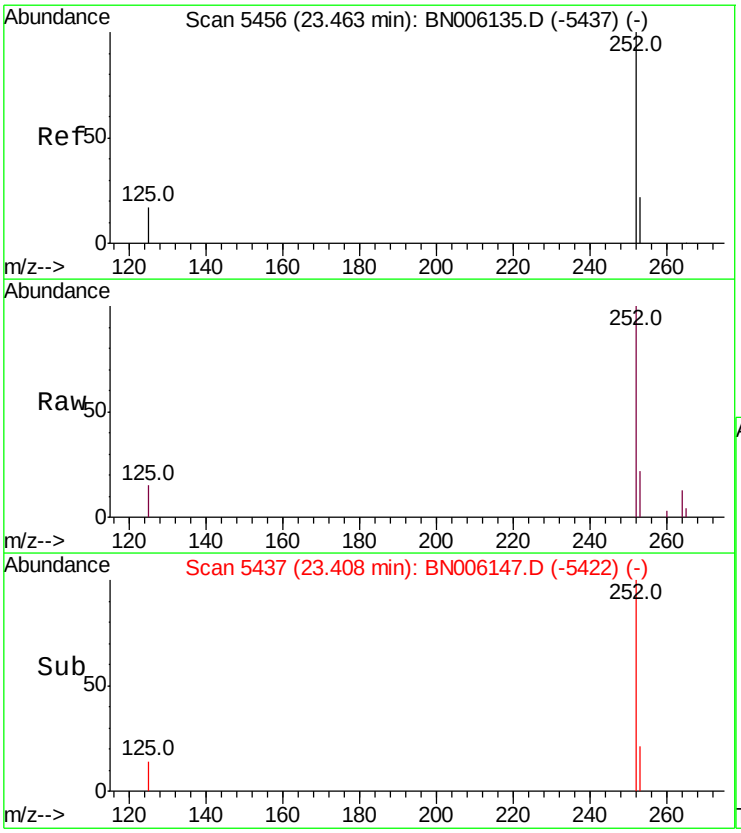
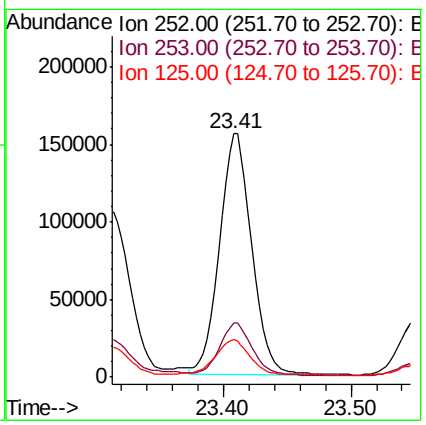


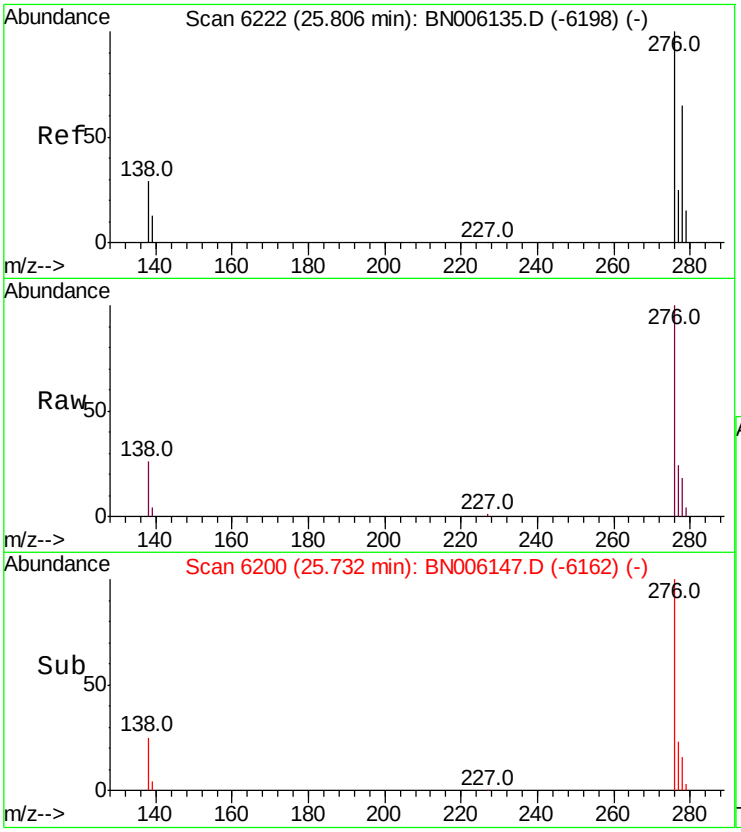


#23
Benzo(a)pyrene
Concen: 3.307 ng/ul m
RT: 23.41 min Scan# 5437
Delta R.T. -0.06 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:252 Resp: 273447

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.1	31.7
125	15.2	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.456 ng/ul m
RT: 25.73 min Scan# 6200
Delta R.T. -0.07 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:276 Resp: 219819

Ion	Ratio	Lower	Upper
276	100		
138	2.4	25.6	38.4#
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
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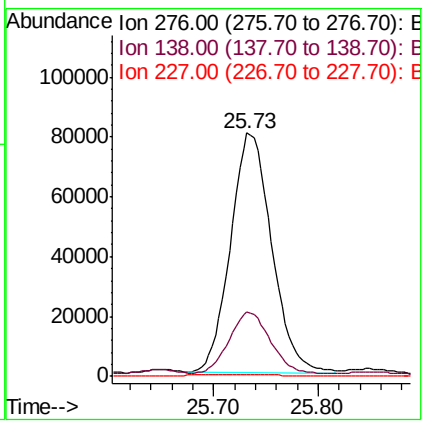
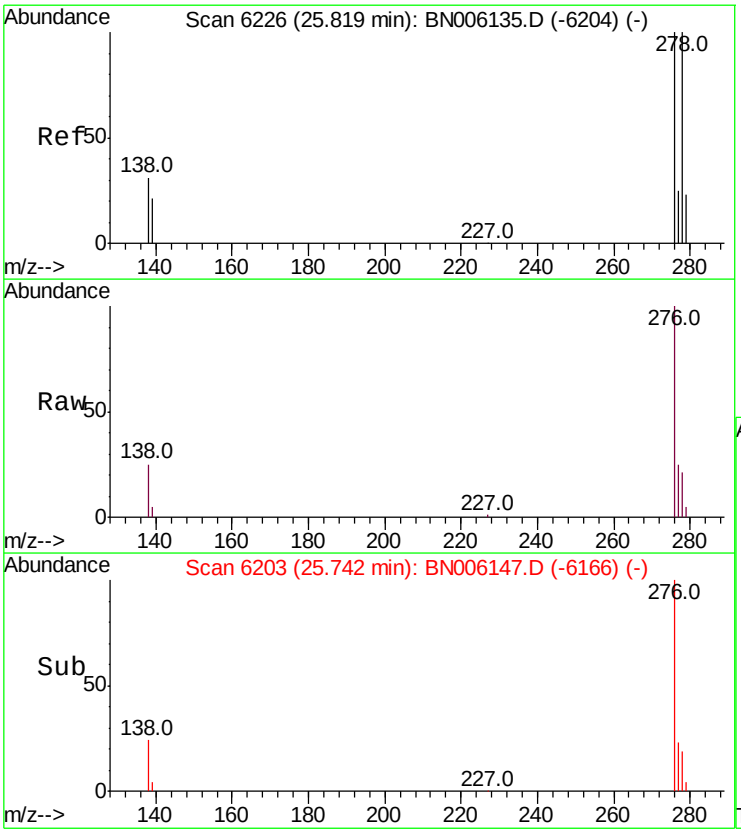
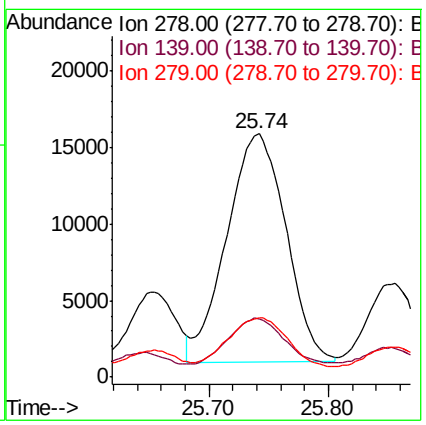


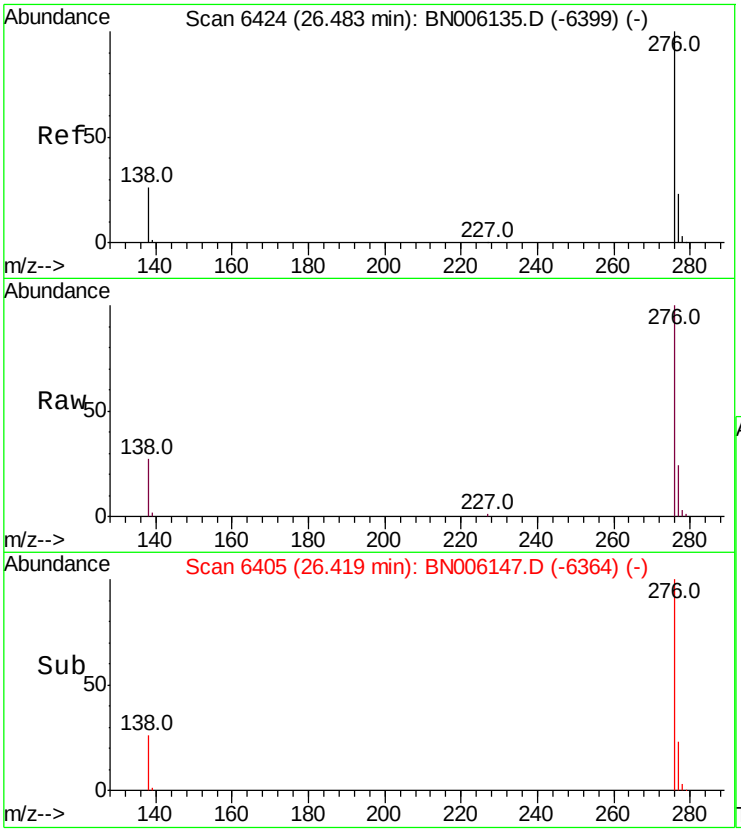


#25
Dibenzo(a,h)anthracene
Concen: 0.715 ng/ul m
RT: 25.74 min Scan# 6203
Delta R.T. -0.08 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:278 Resp: 51186

Ion	Ratio	Lower	Upper
278	100		
139	23.9	21.2	31.8
279	24.5	22.6	33.8

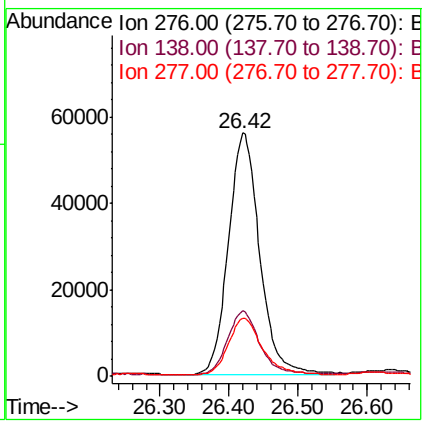




#26
Benzo(g,h,i)perylene
Concen: 2.338 ng/ul m
RT: 26.42 min Scan# 6405
Delta R.T. -0.06 min
Lab File: BN006147.D
Acq: 06 Jun 2019 21:45

Tgt Ion:276 Resp: 175252

Ion	Ratio	Lower	Upper
276	100		
138	27.1	24.2	36.4
277	23.8	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0AB5

Manual Integrations APPROVED
mohammad
6/11/2019 5:07:34 PM