Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006146.D
Acq On : 06 Jun 2019 21:10
Operator : JU/SJ
Sample : K3201-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB4

Manual Integrations APPROVED
mohammad
6/11/2019 5:07:31 PM

Quant Time: Jun 07 01:25:14 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	6901	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	25888	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13117	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	25951m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	21248m	0.40	ng/ul	-0.03
20) Perylene-d12	23.50	264	19070m	0.40	ng/ul	-0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	10347	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	20946m	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	3961	0.055	ng/ul#	91
5) 2-Methylnaphthalene	12.10	142	1484	0.030	ng/ul	99
7) Acenaphthylene	14.02	152	46142	0.633	ng/ul	100
8) Acenaphthene	14.36	153	3818	0.075	ng/ul	98
9) Fluorene	15.36	166	4478	0.076	ng/ul#	98
12) Phenanthrene	17.09	178	120535m	1.447	ng/ul	
13) Anthracene	17.19	178	34349m	0.432	ng/ul	
15) Fluoranthene	19.12	202	457792m	4.977	ng/ul	
17) Pyrene	19.49	202	435083	3.887	ng/ul	100
18) Benzo(a)anthracene	21.25	228	205453m	2.186	ng/ul	
19) Chrysene	21.30	228	199839	2.265	ng/ul	99
21) Benzo(b)fluoranthene	22.84	252	309289m	3.890	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	113938m	1.471	ng/ul	
23) Benzo(a)pyrene	23.41	252	194164m	2.622	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	159083m	1.985	ng/ul	
25) Dibenzo(a,h)anthracene	25.74	278	35437m	0.553	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	134135m	1.998	ng/ul	

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

Quantitation Report (QT Reviewed)

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Acq On : 06 Jun 2019 21:10
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Manual Integrations APPROVED
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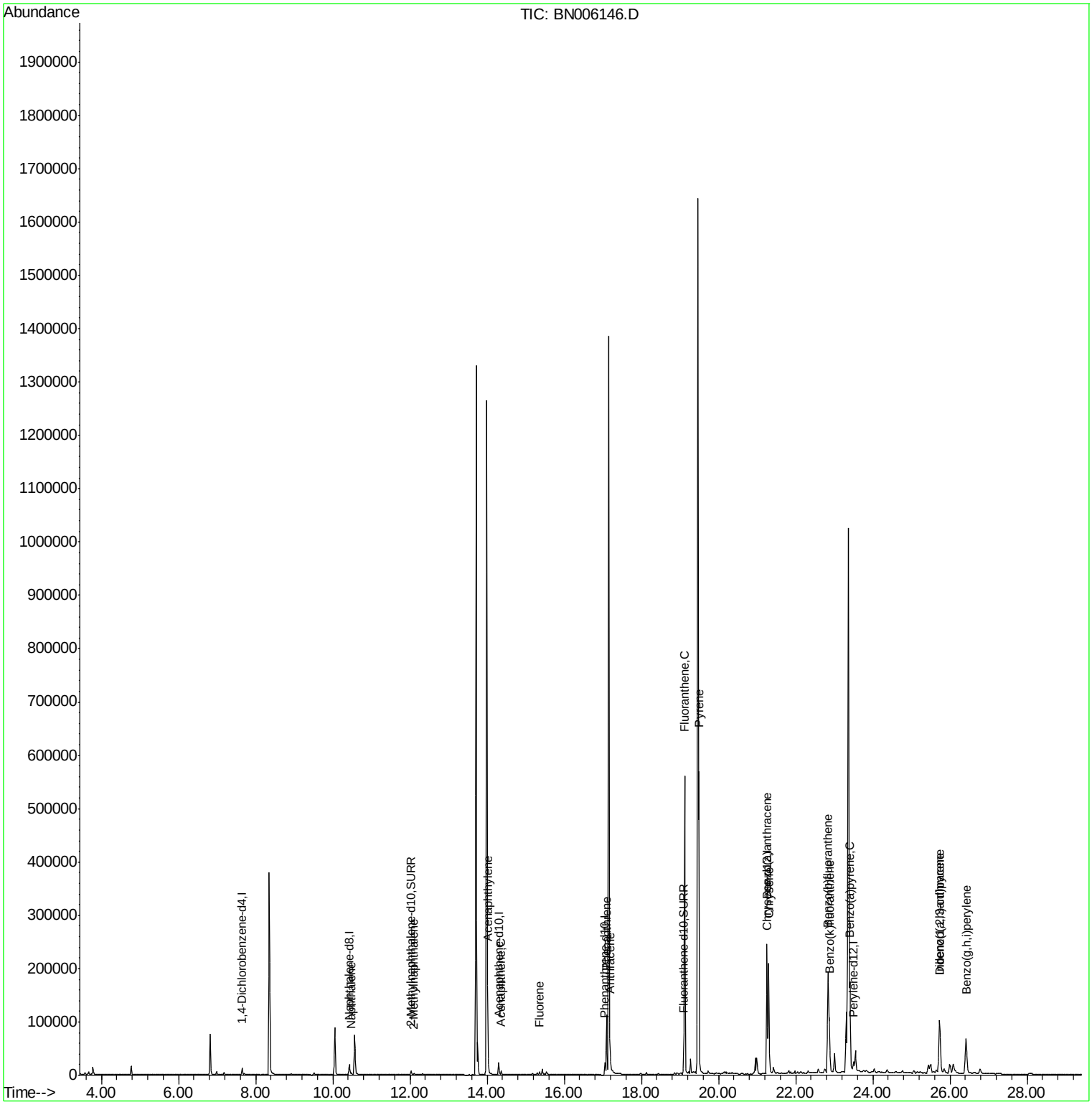

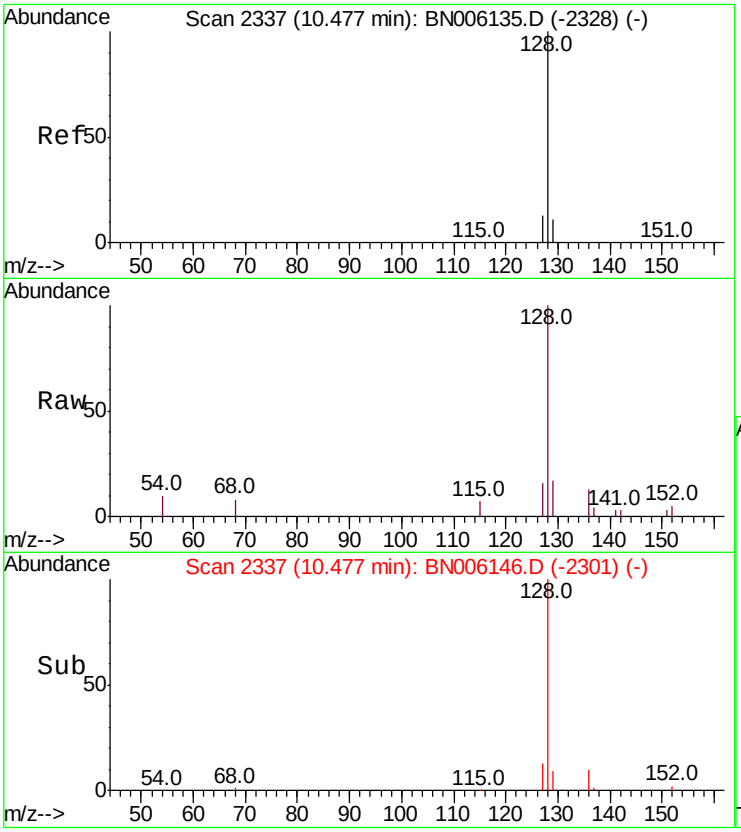

#3
Naphthalene
Concen: 0.055 ng/ul
RT: 10.48 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:128 Resp: 3961

Ion	Ratio	Lower	Upper
128	100		
129	16.6	9.3	13.9#
127	15.7	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
C0AB4

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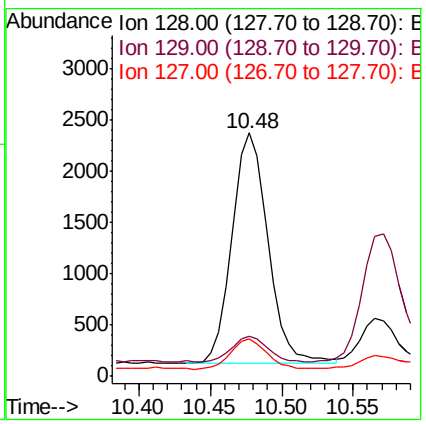
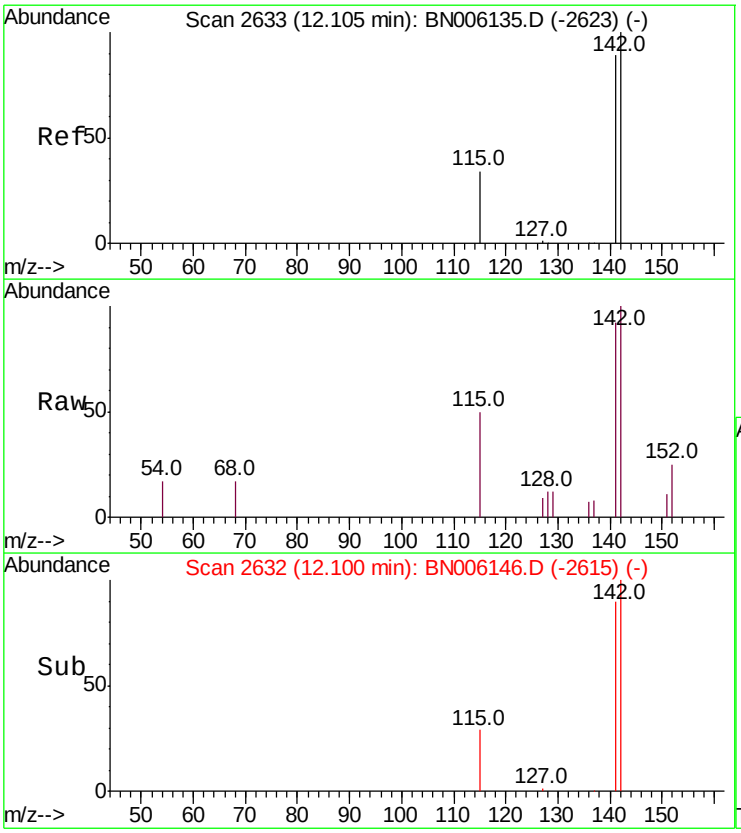
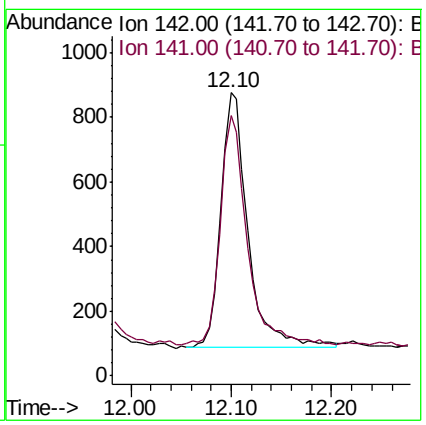


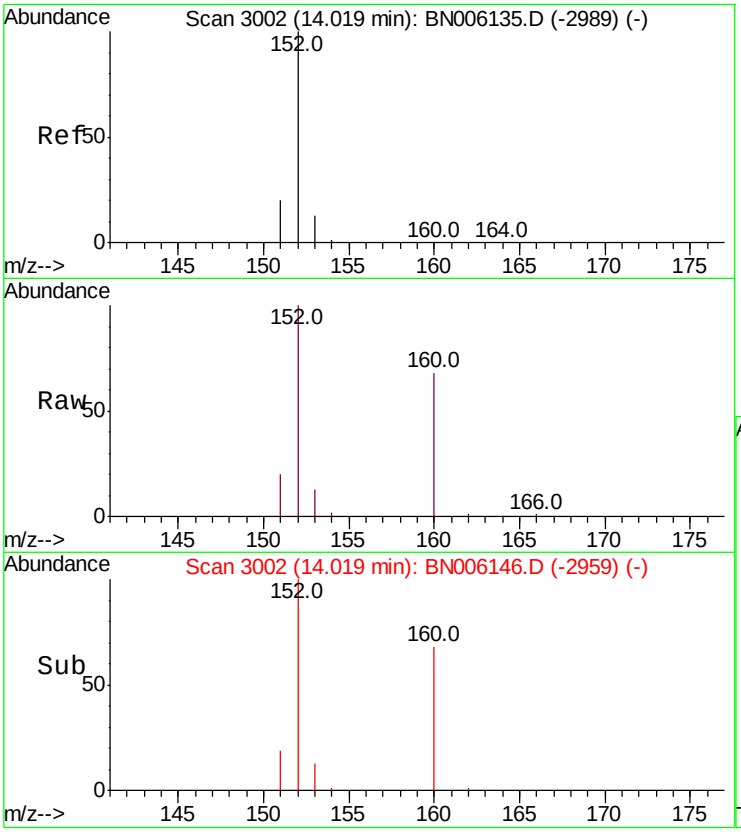


#5
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. -0.01 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:142 Resp: 1484

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5

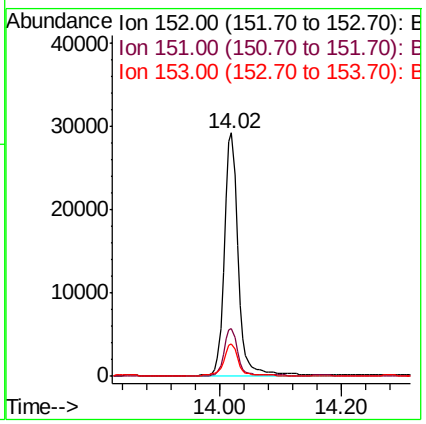




#7
Acenaphthylene
Concen: 0.633 ng/ul
RT: 14.02 min Scan# 3002
Delta R.T. 0.00 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:152 Resp: 46142

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.3	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AB4

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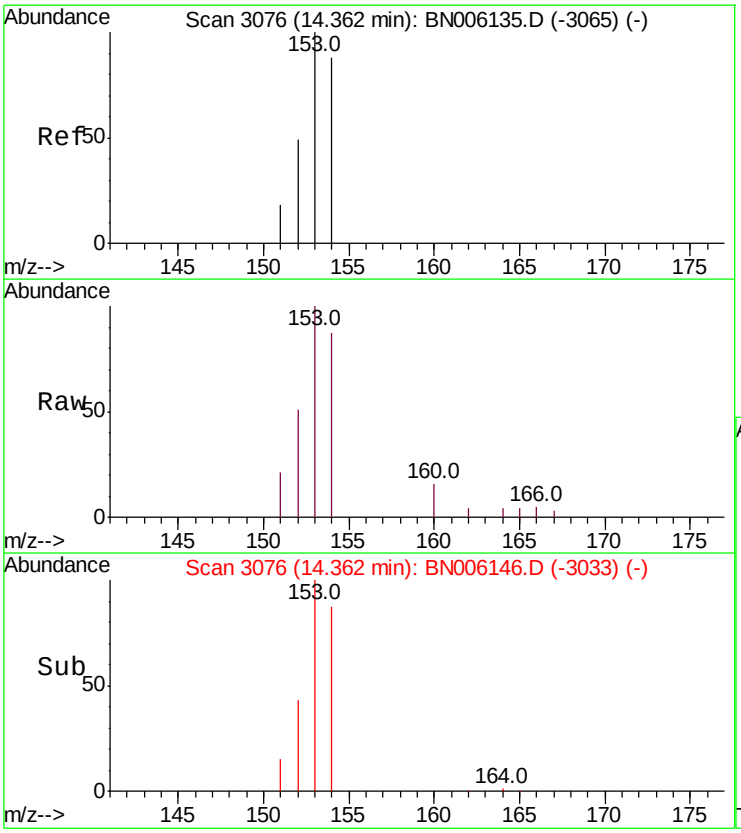
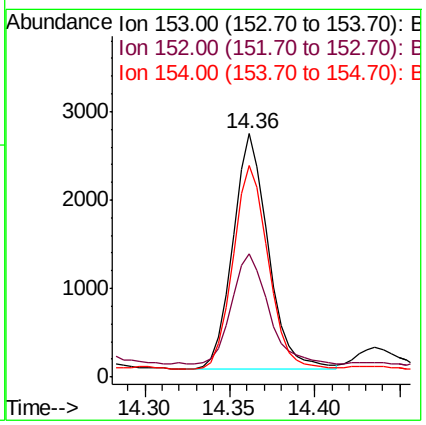
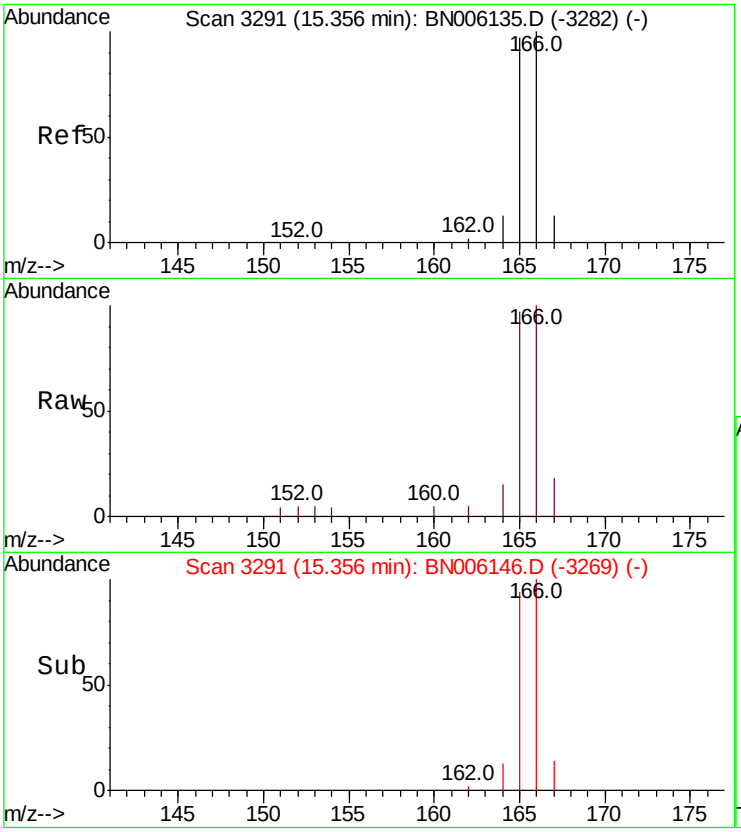


#8
Acenaphthene
Concen: 0.075 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:153 Resp: 3818

Ion	Ratio	Lower	Upper
153	100		
152	50.7	39.1	58.7
154	86.9	71.1	106.7

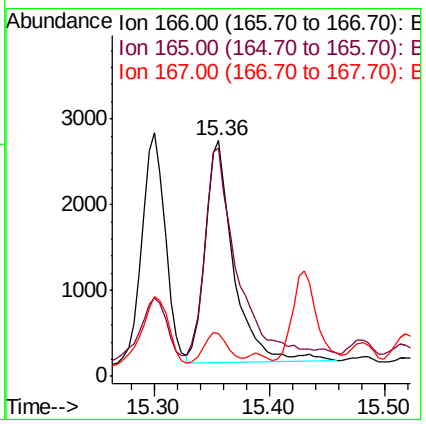




#9
Fluorene
Concen: 0.076 ng/ul
RT: 15.36 min Scan# 3291
Delta R.T. -0.00 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:166 Resp: 4478

Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.4	114.6
167	17.9	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
C0AB4

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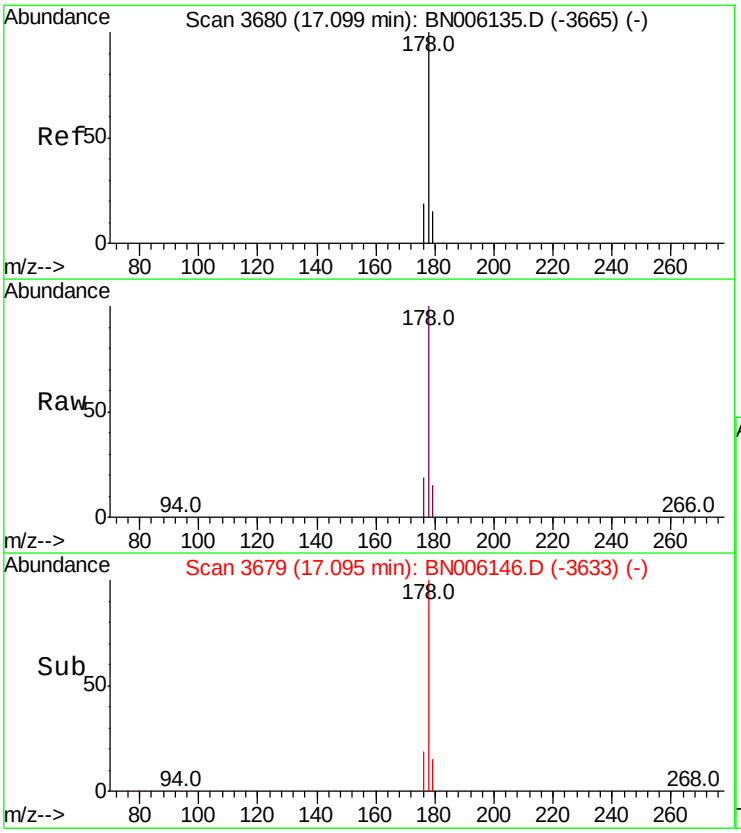
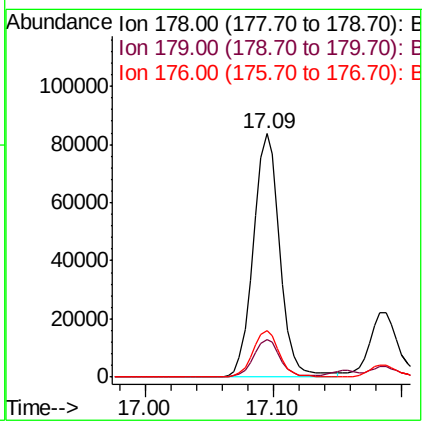
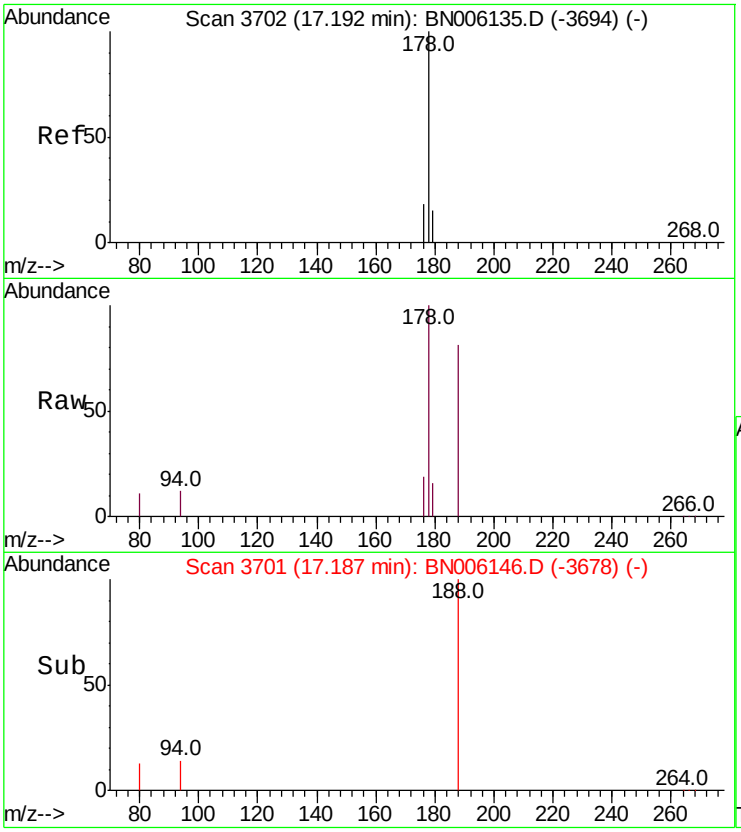


#12
Phenanthrene
Concen: 1.447 ng/ul m
RT: 17.09 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:178 Resp: 120535

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.2	15.3	22.9

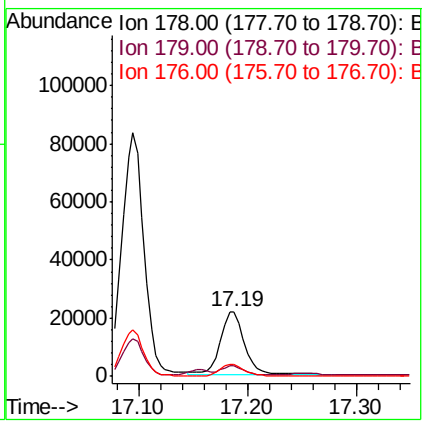




#13
Anthracene
Concen: 0.432 ng/ul m
RT: 17.19 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:178 Resp: 34349

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.6	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0AB4

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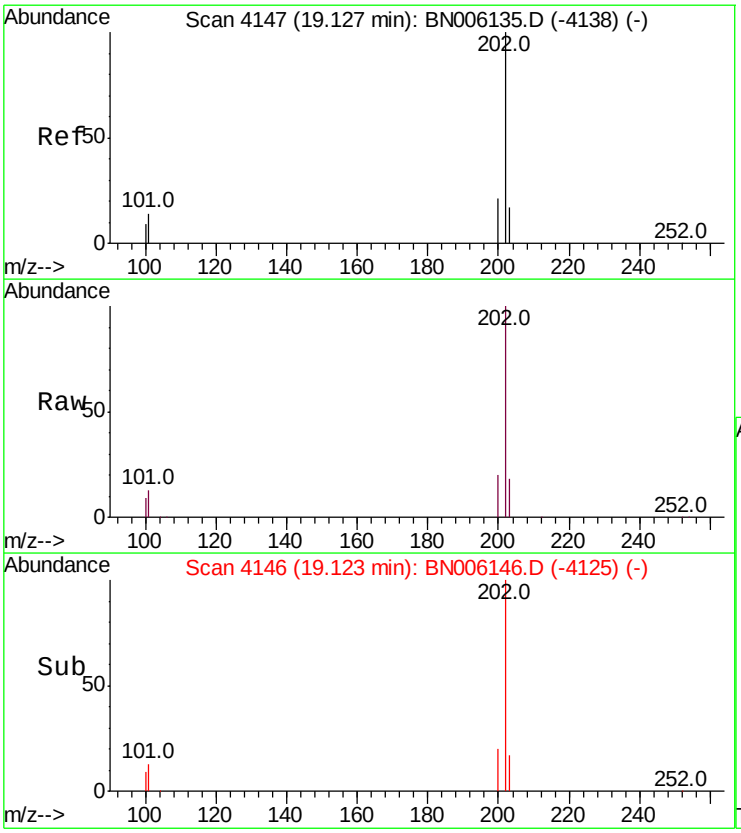
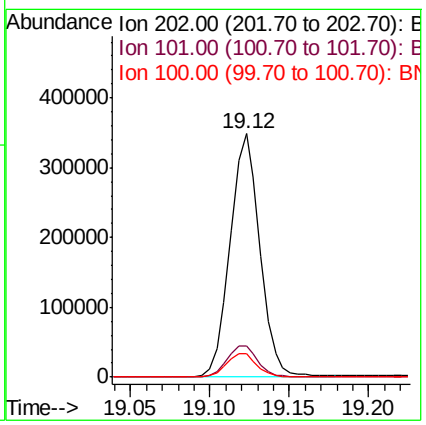
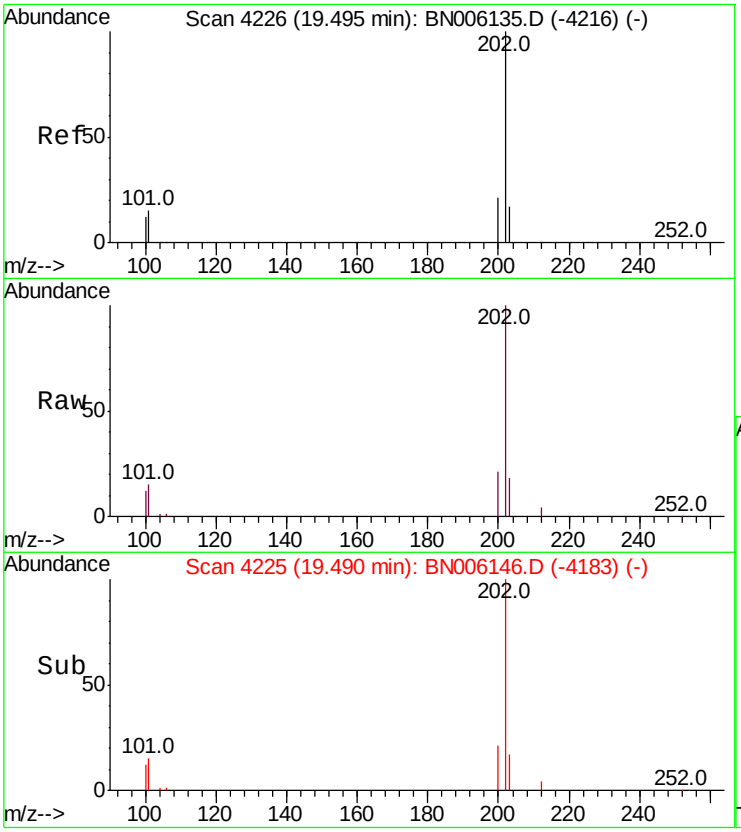


#15
Fluoranthene
Concen: 4.977 ng/ul m
RT: 19.12 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:202 Resp: 457792

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.1
100	9.4	0.0	28.7

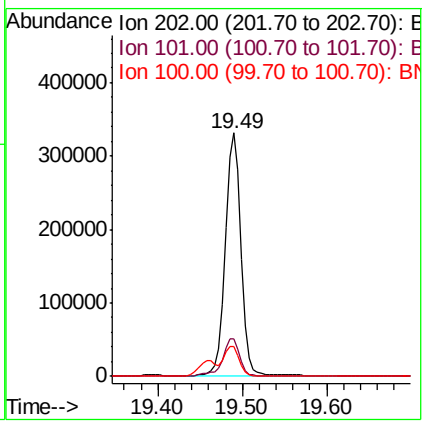




#17
Pyrene
Concen: 3.887 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:202 Resp: 435083

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.2	18.2
100	12.1	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
C0AB4

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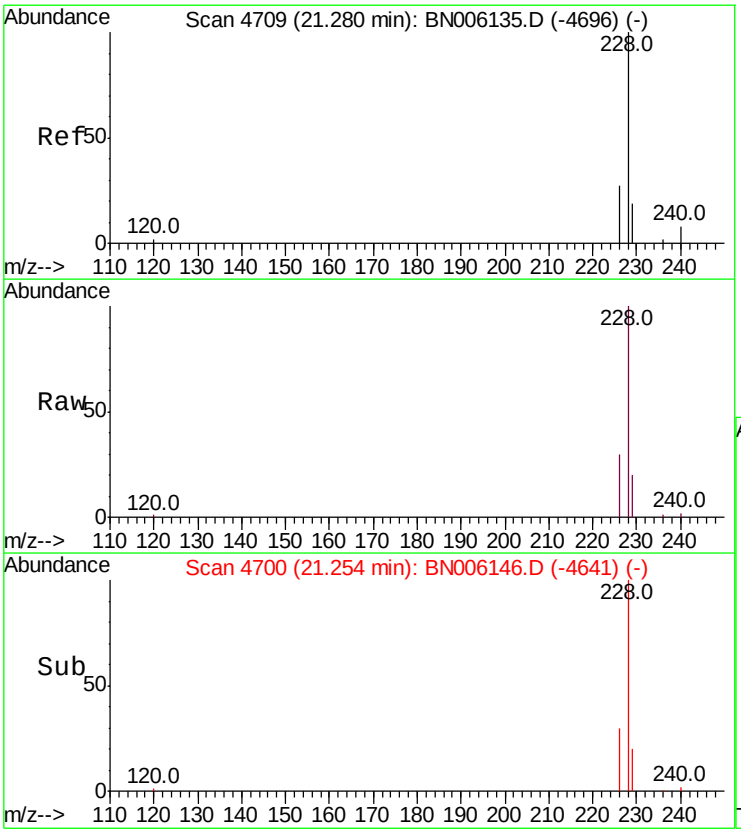
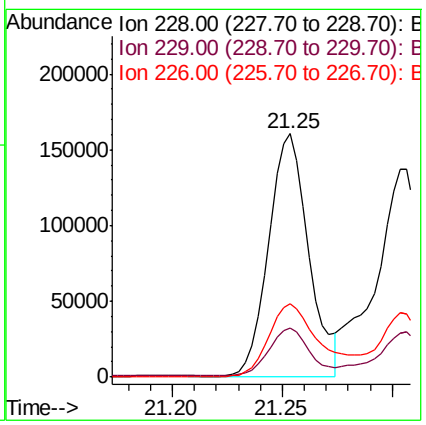
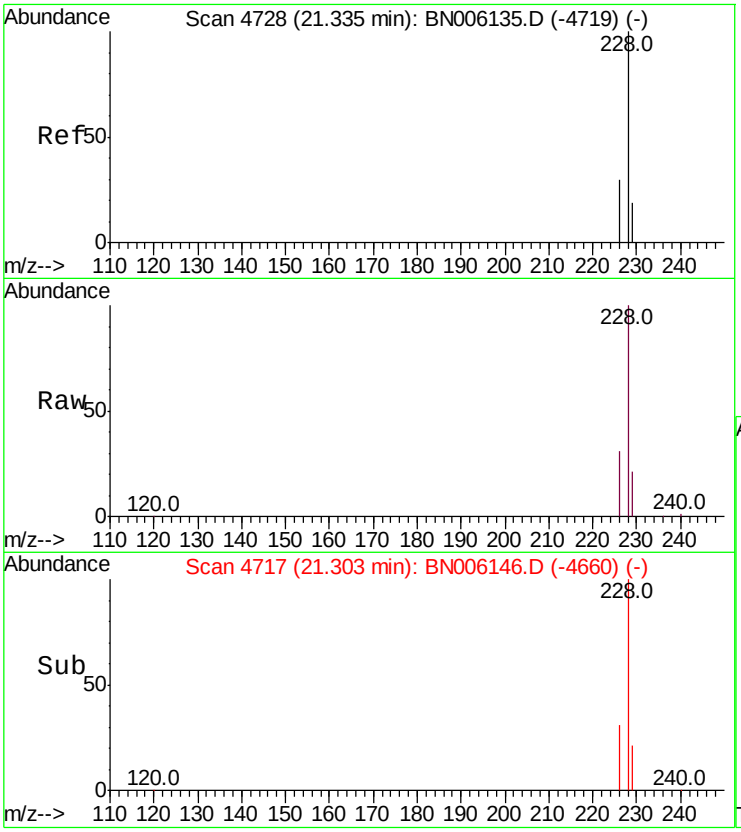


#18
Benzo(a)anthracene
Concen: 2.186 ng/ul m
RT: 21.25 min Scan# 4700
Delta R.T. -0.03 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:228 Resp: 205453

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.5	24.7
226	30.2	22.8	34.2





#19
Chrysene
Concen: 2.265 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. -0.03 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:228 Resp: 199839

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.1	16.3	24.5

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
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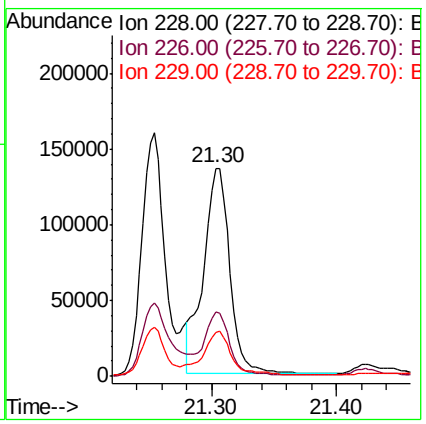
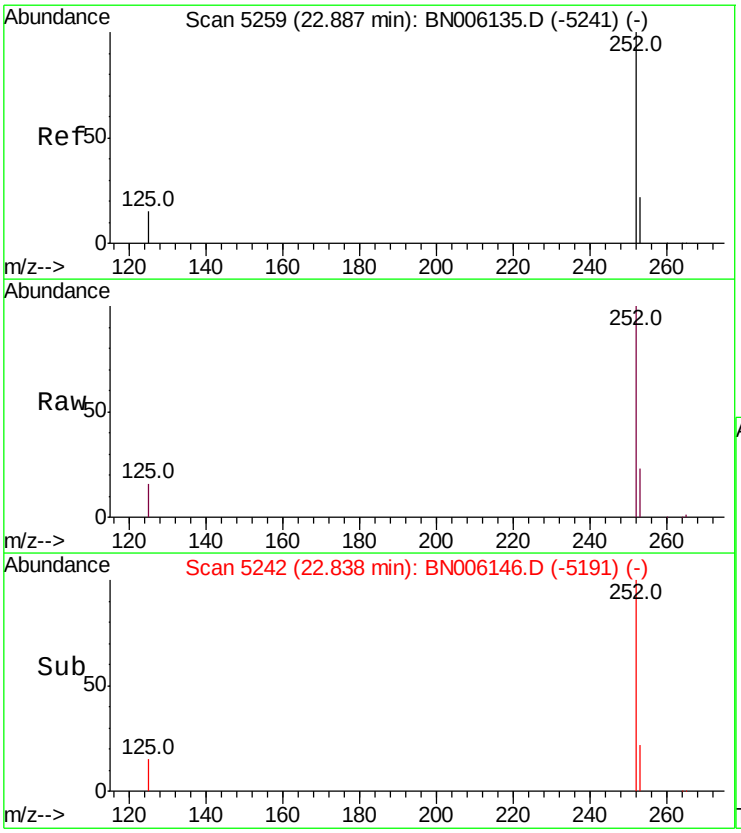
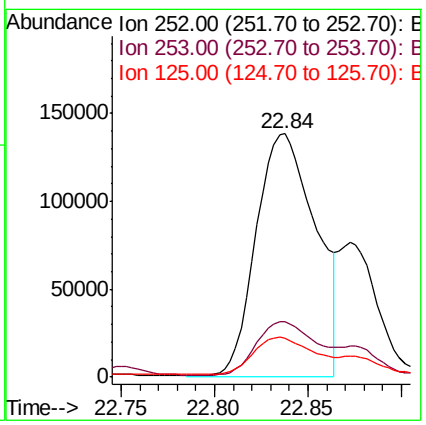


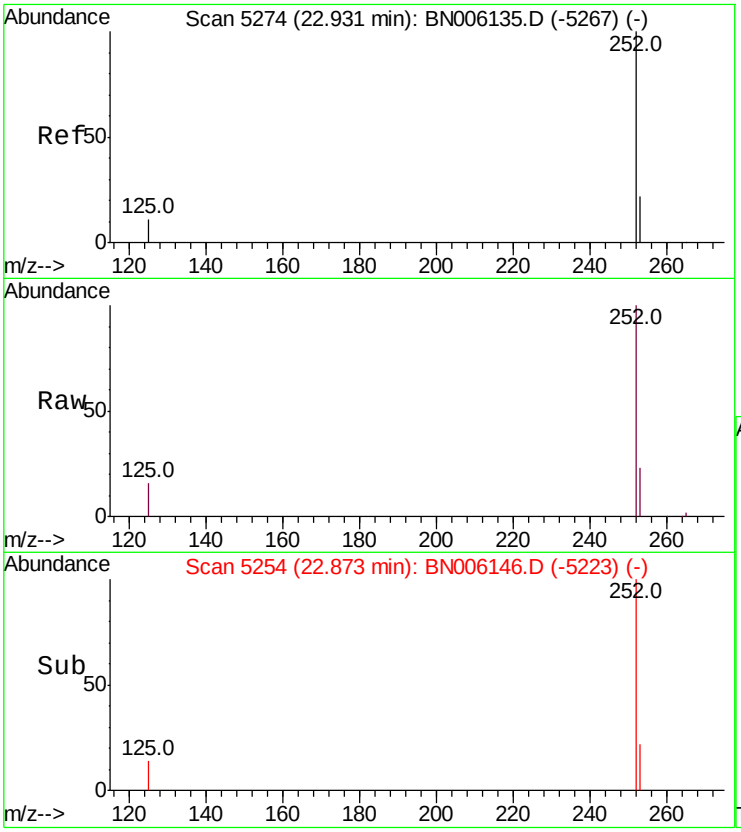


#21
Benzo(b)fluoranthene
Concen: 3.890 ng/ul m
RT: 22.84 min Scan# 5242
Delta R.T. -0.05 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:252 Resp: 309289

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	51.4
125	15.9	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 1.471 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. -0.06 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:252 Resp: 113938

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.3	30.5
125	15.5	14.3	21.5

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
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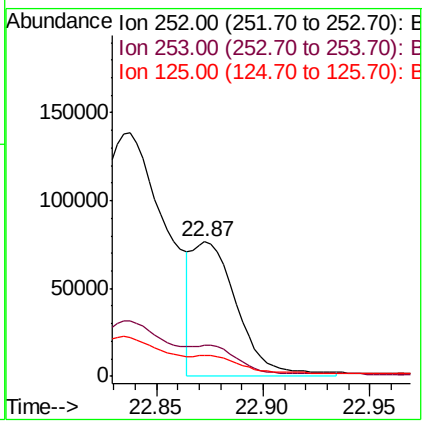
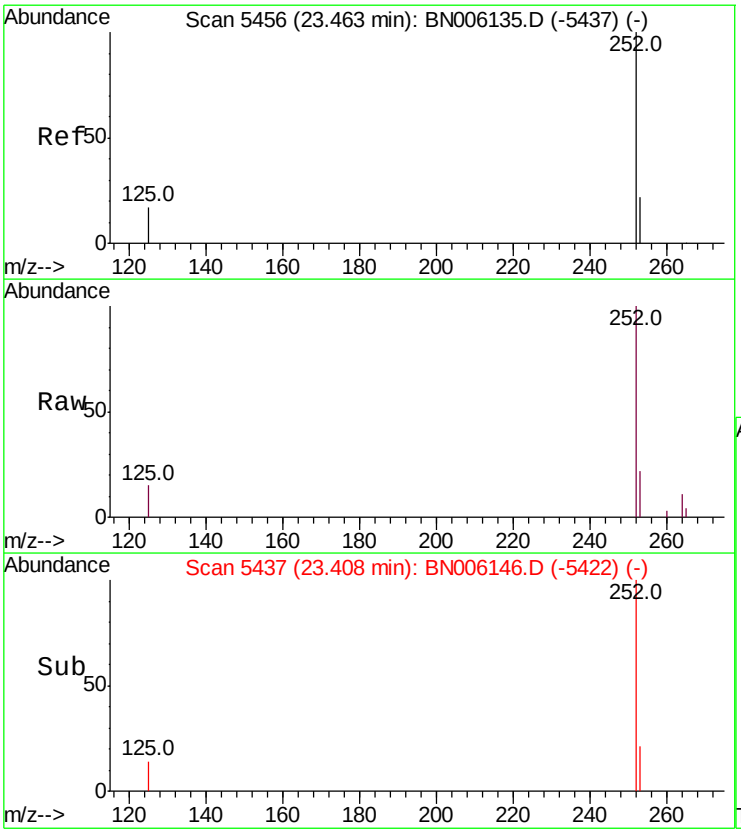
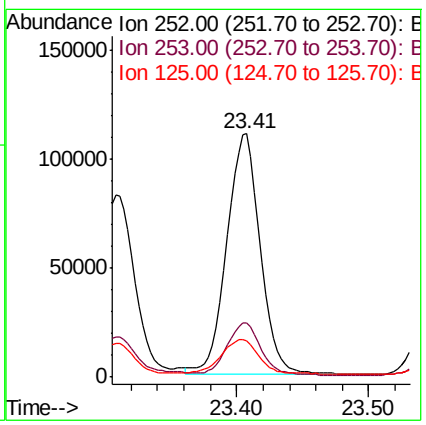


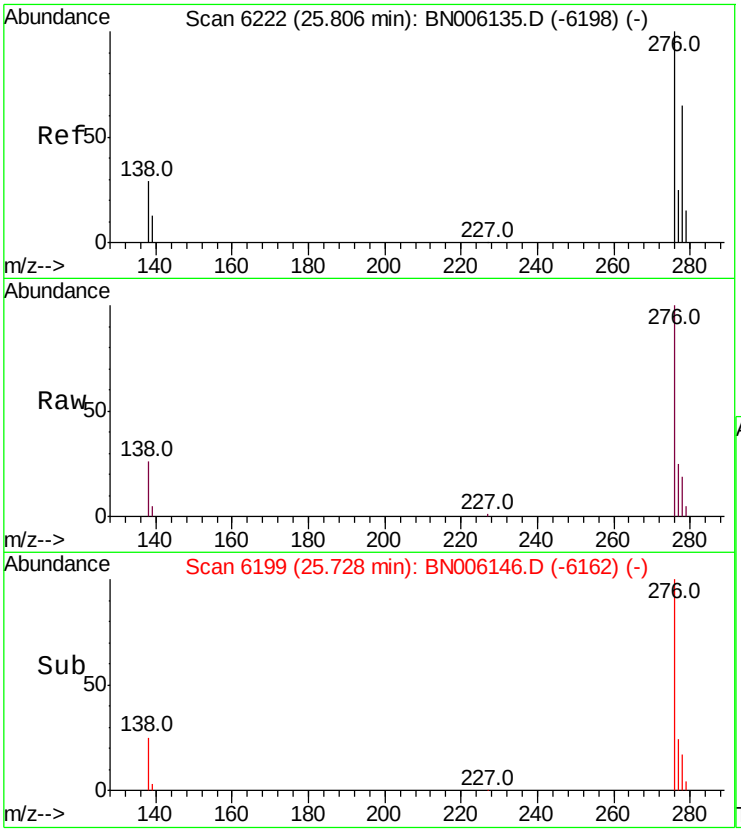


#23
Benzo(a)pyrene
Concen: 2.622 ng/ul m
RT: 23.41 min Scan# 5437
Delta R.T. -0.06 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:252 Resp: 194164

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.1	31.7
125	15.0	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.985 ng/ul m
RT: 25.73 min Scan# 6199
Delta R.T. -0.08 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:276 Resp: 159083

Ion	Ratio	Lower	Upper
276	100		
138	2.0	25.6	38.4#
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
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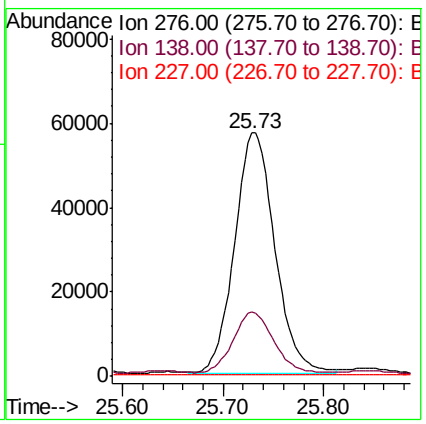
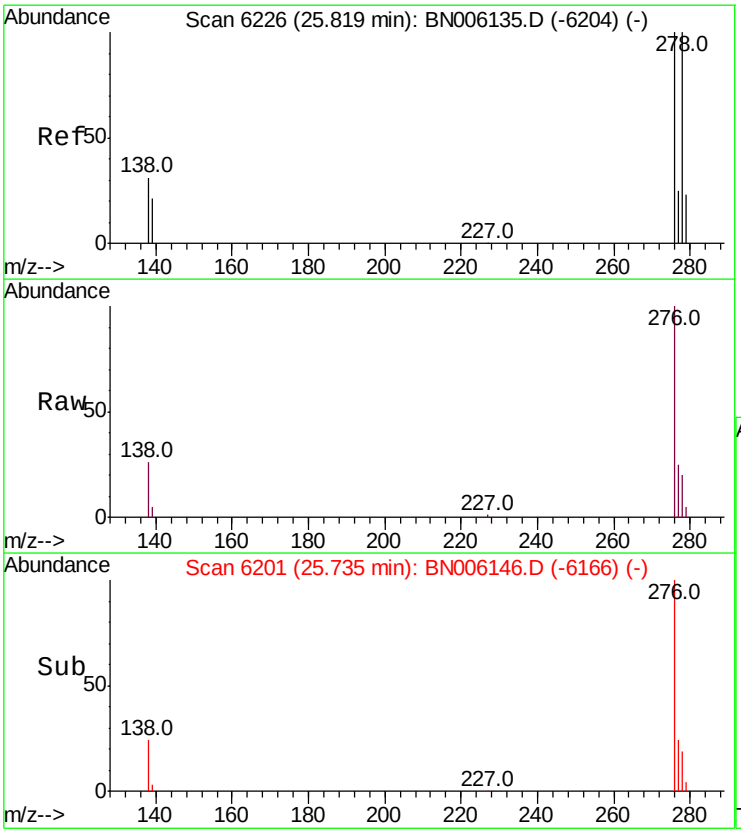
6/11/2019 5:07:31 PM

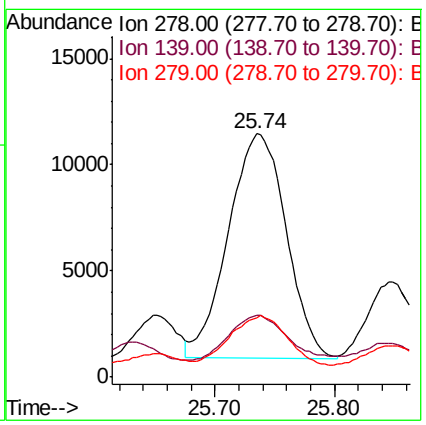


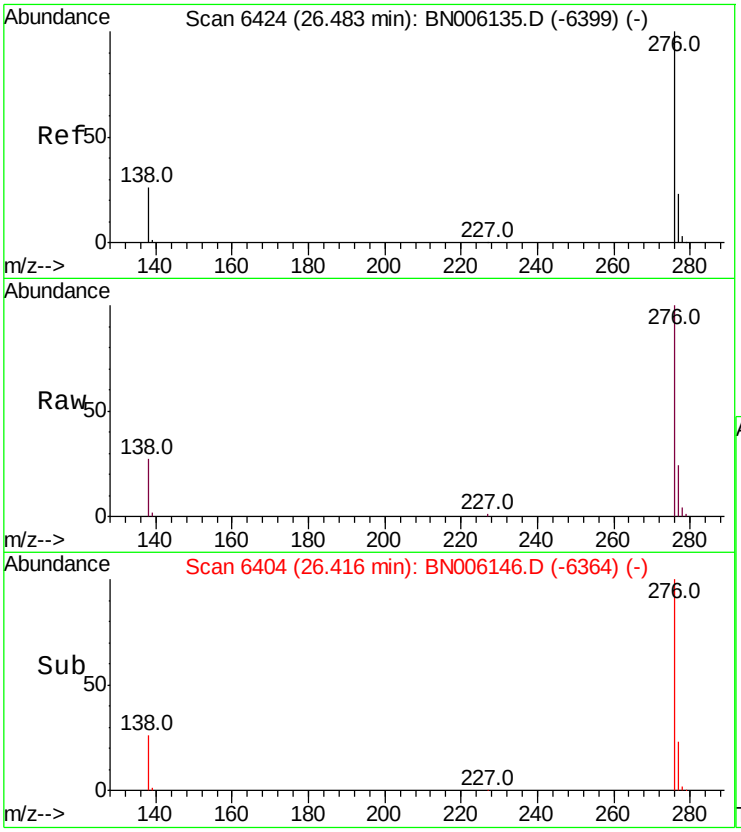


#25
Dibenzo(a,h)anthracene
Concen: 0.553 ng/ul m
RT: 25.74 min Scan# 6201
Delta R.T. -0.08 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:278 Resp: 35437

Ion	Ratio	Lower	Upper
278	100		
139	25.3	21.2	31.8
279	24.6	22.6	33.8

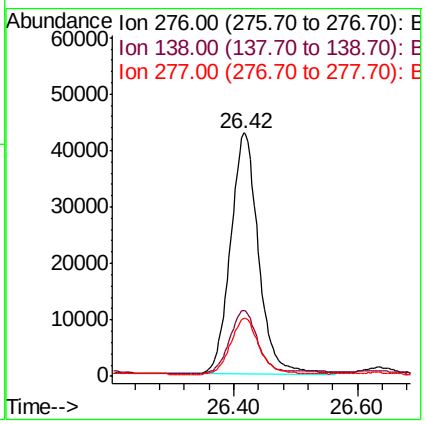




#26
Benzo(g,h,i)perylene
Concen: 1.998 ng/ul m
RT: 26.42 min Scan# 6404
Delta R.T. -0.07 min
Lab File: BN006146.D
Acq: 06 Jun 2019 21:10

Tgt Ion:276 Resp: 134135

Ion	Ratio	Lower	Upper
276	100		
138	27.2	24.2	36.4
277	24.1	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
6/11/2019 5:07:31 PM