Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004087.D
Acq On : 18 Dec 2018 21:24
Operator : JU/SJ
Sample : J6271-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F10

Manual Integrations APPROVED
Sohil
12/19/2018 4:16:32 PM

Quant Time: Dec 19 04:19:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2062	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9764	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6978	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	15053m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	15824m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	13371m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4138	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	14010m	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	192986	7.037	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	361135	18.857	ng/ul	100
7) Acenaphthylene	14.19	152	9522	0.303	ng/ul#	56
8) Acenaphthene	14.53	153	14680	0.533	ng/ul	92
9) Fluorene	15.52	166	18866	0.588	ng/ul#	92
12) Phenanthrene	17.26	178	1677749m	33.960	ng/ul	
13) Anthracene	17.35	178	149138m	3.673	ng/ul	
15) Fluoranthene	19.28	202	330340m	5.662	ng/ul	
17) Pyrene	19.64	202	1605831	28.294	ng/ul	95
18) Benzo(a)anthracene	21.39	228	568854m	11.382	ng/ul	
19) Chrysene	21.44	228	1046801m	18.302	ng/ul	
21) Benzo(b)fluoranthene	23.03	252	297719m	5.383	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	51775m	0.961	ng/ul	
23) Benzo(a)pyrene	23.63	252	349887m	7.305	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.10	276	160378m	2.920	ng/ul	
25) Dibenzo(a,h)anthracene	26.10	278	108289m	2.450	ng/ul	
26) Benzo(g,h,i)perylene	26.84	276	321782	6.741	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004087.D
Acq On : 18 Dec 2018 21:24
Operator : JU/SJ
Sample : J6271-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 19 04:19:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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Instrument :
BNA_N
ClientSampleId :
F9F10

Manual Integrations APPROVED
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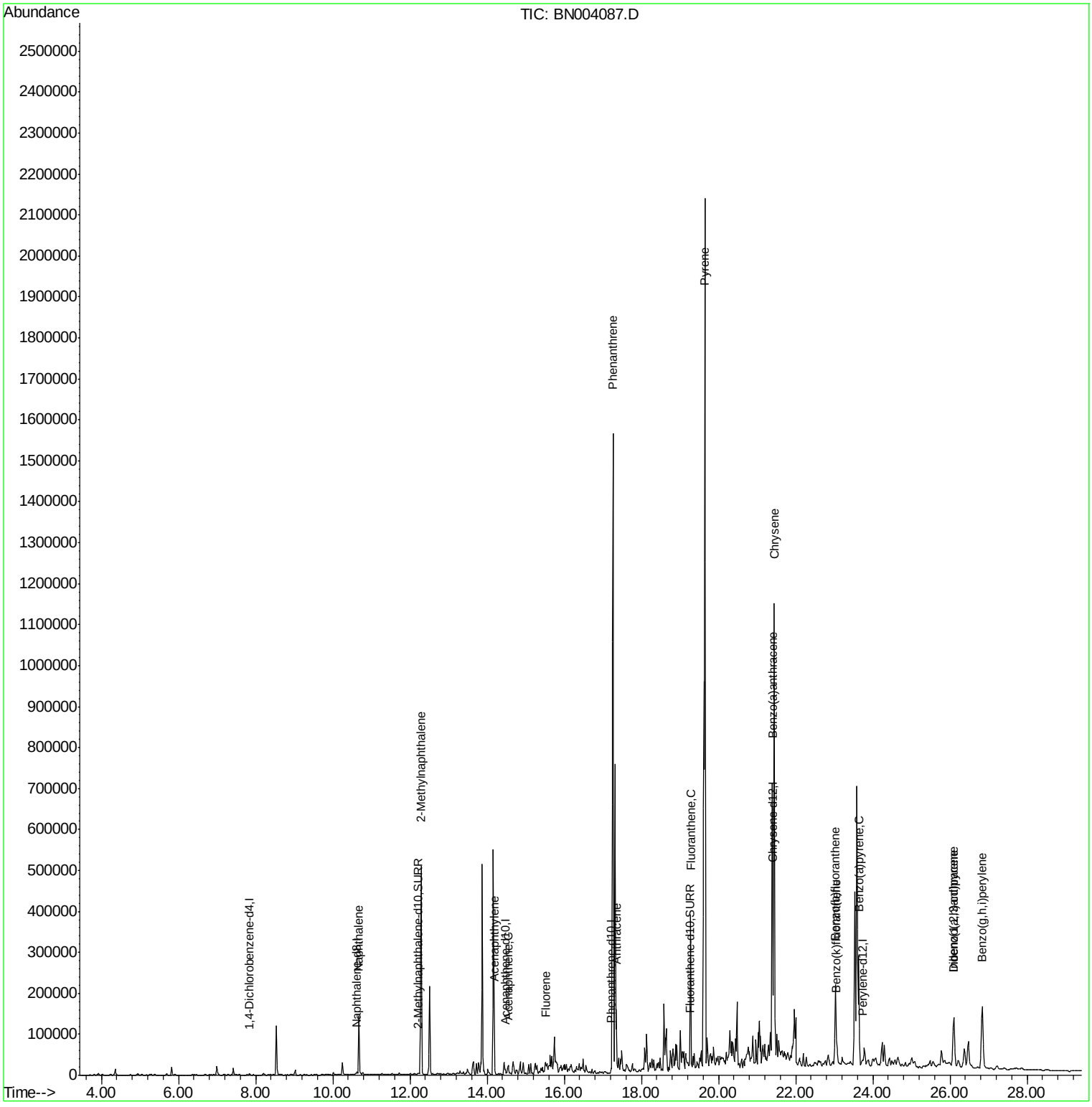

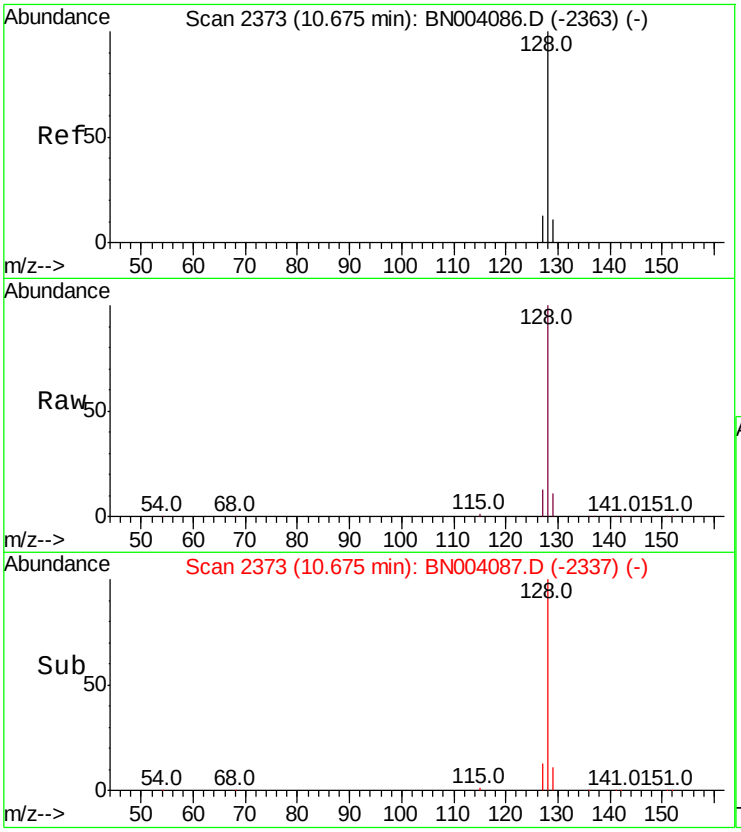

#3
Naphthalene
Concen: 7.037 ng/ul
RT: 10.68 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:128 Resp: 192986

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.2	10.5	15.7

Instrument :
BNA_N
ClientSampleId :
F9F10

Manual Integrations APPROVED
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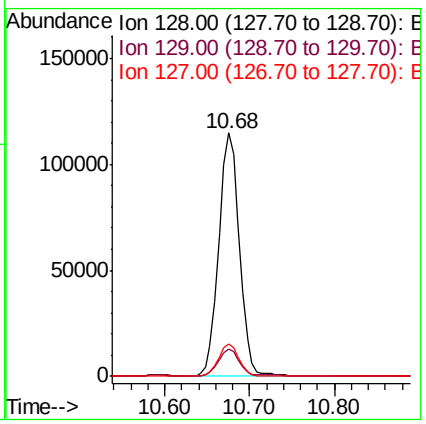
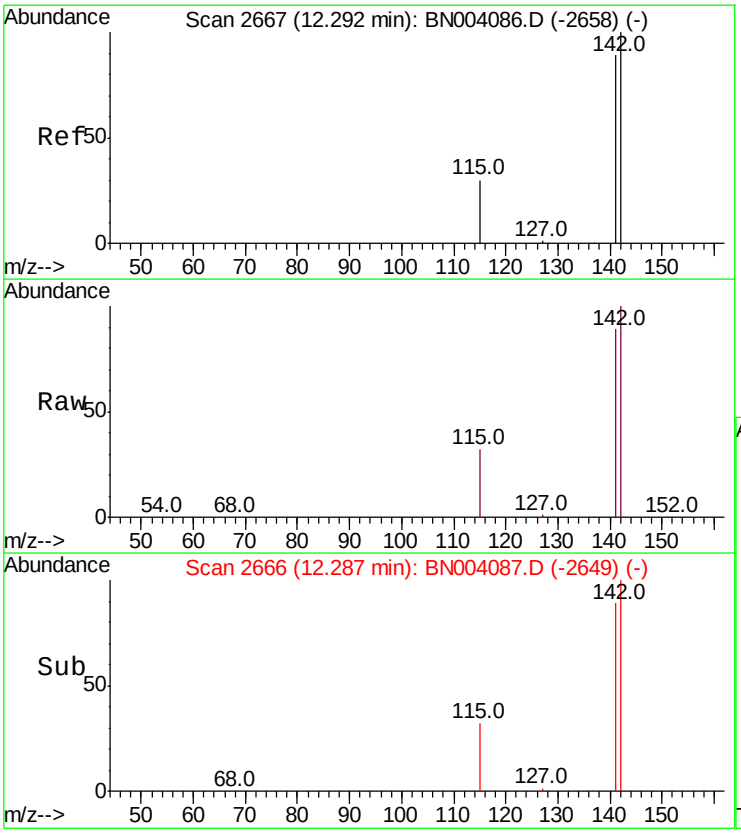
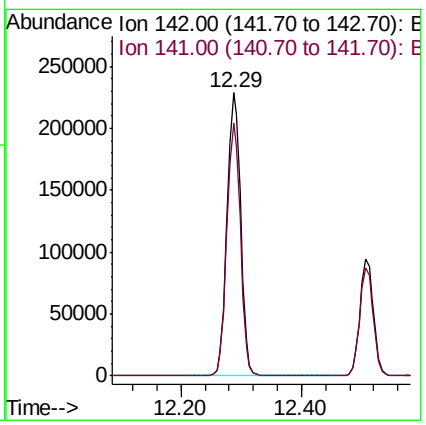


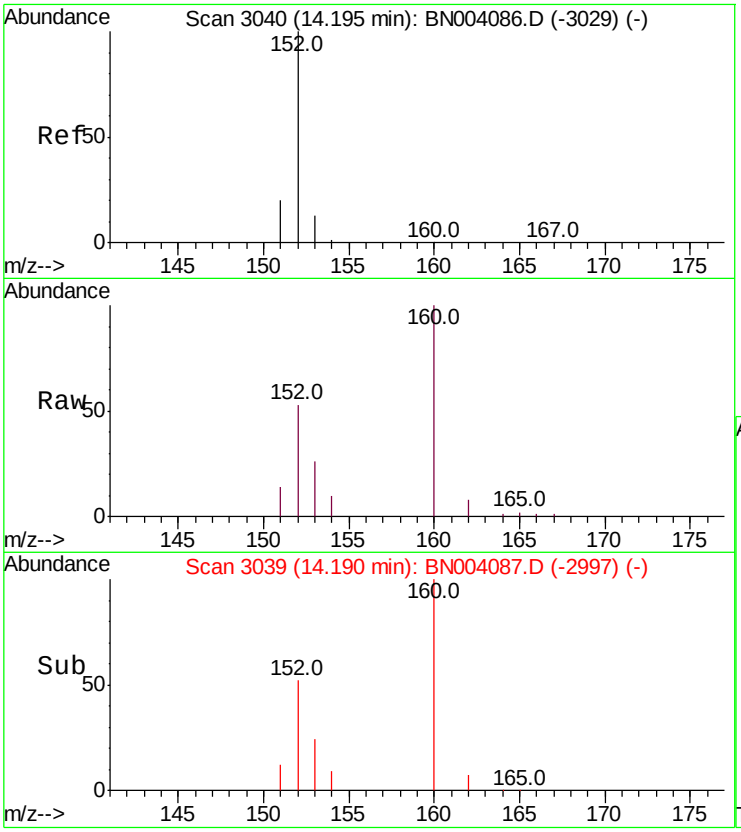


#5
2-Methylnaphthalene
Concen: 18.857 ng/ul
RT: 12.29 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:142 Resp: 361135

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.5	107.3

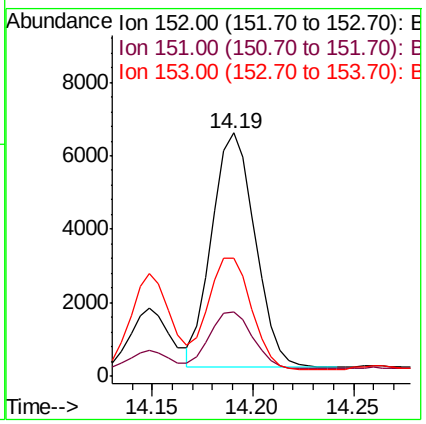




#7
Acenaphthylene
Concen: 0.303 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:152 Resp: 9522

Ion	Ratio	Lower	Upper
152	100		
151	26.4	15.9	23.9#
153	48.8	10.7	16.1#



Instrument :
BNA_N
ClientSampleId :
F9F10

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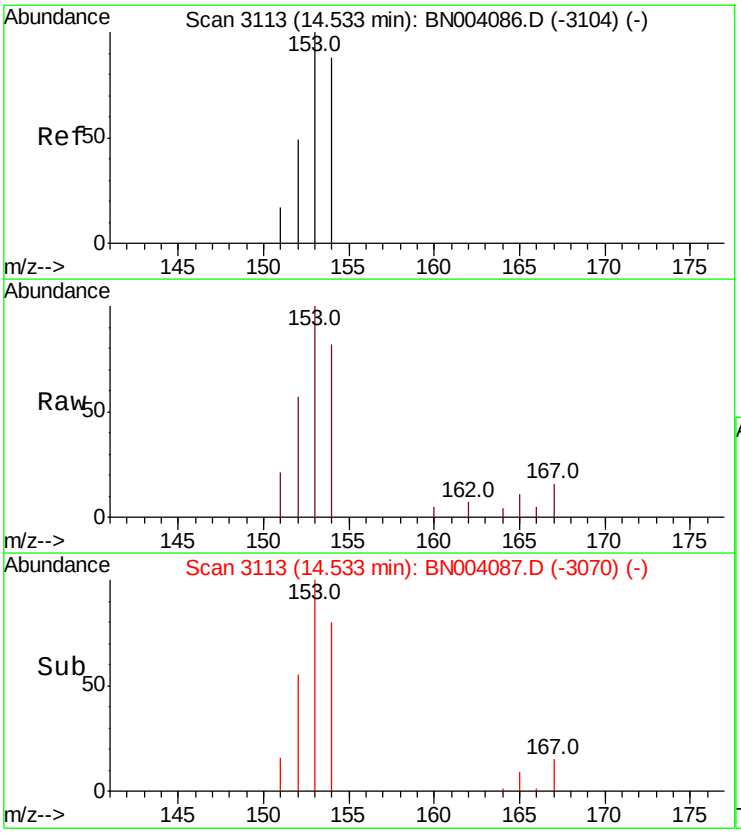
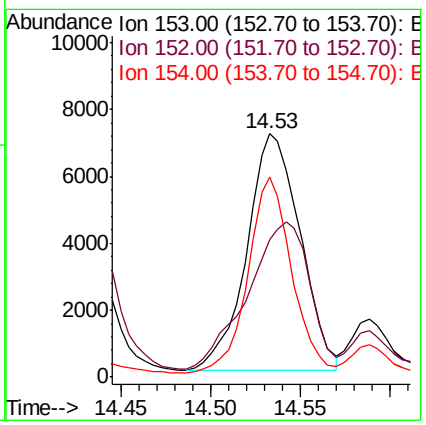
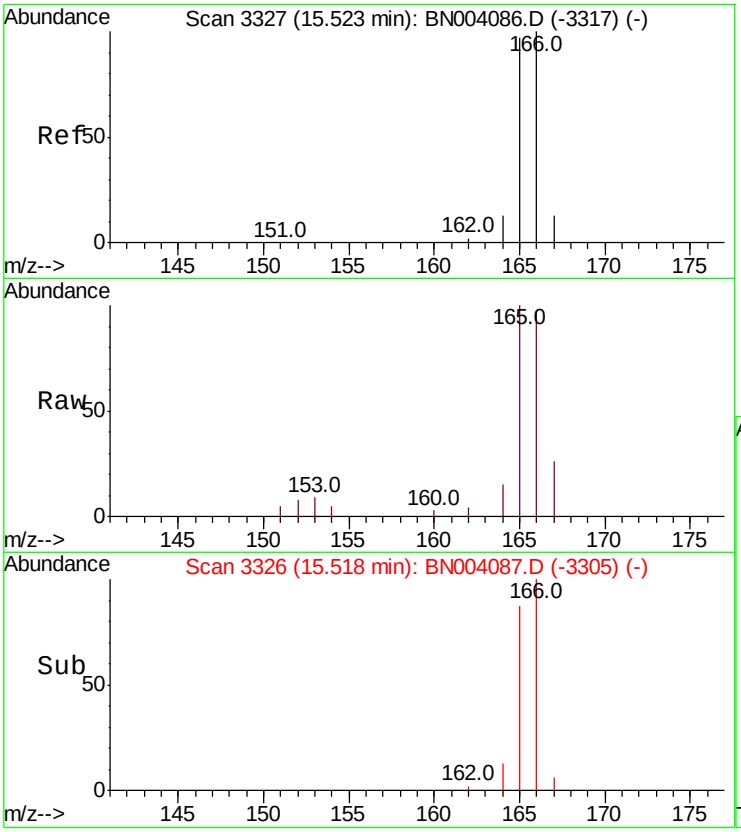


#8
Acenaphthene
Concen: 0.533 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:153 Resp: 14680

Ion	Ratio	Lower	Upper
153	100		
152	56.5	39.3	58.9
154	82.4	70.3	105.5

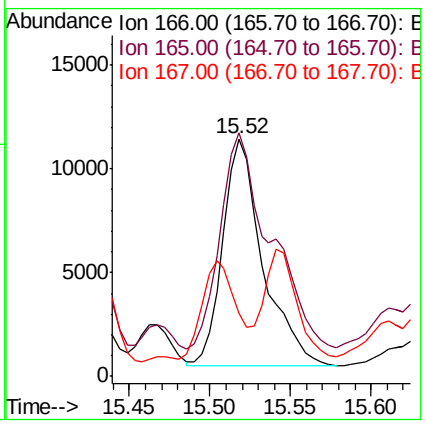




#9
Fluorene
Concen: 0.588 ng/ul
RT: 15.52 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:166 Resp: 18866

Ion	Ratio	Lower	Upper
166	100		
165	102.6	78.3	117.5
167	26.7	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
F9F10

Manual Integrations APPROVED
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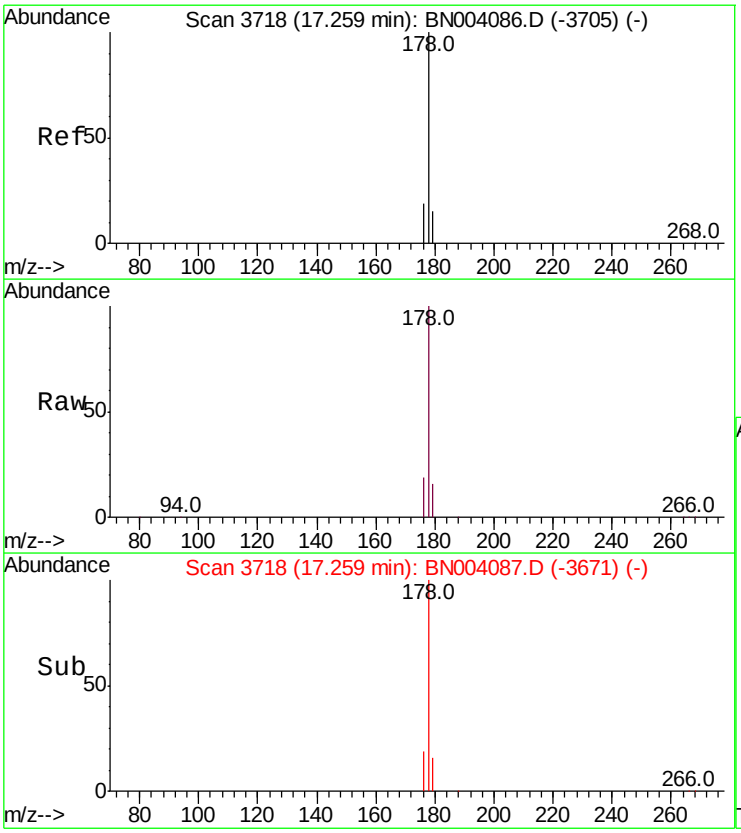
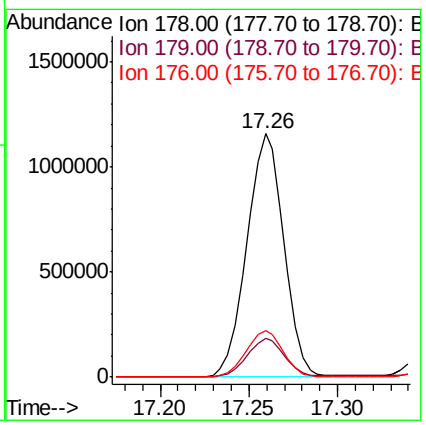
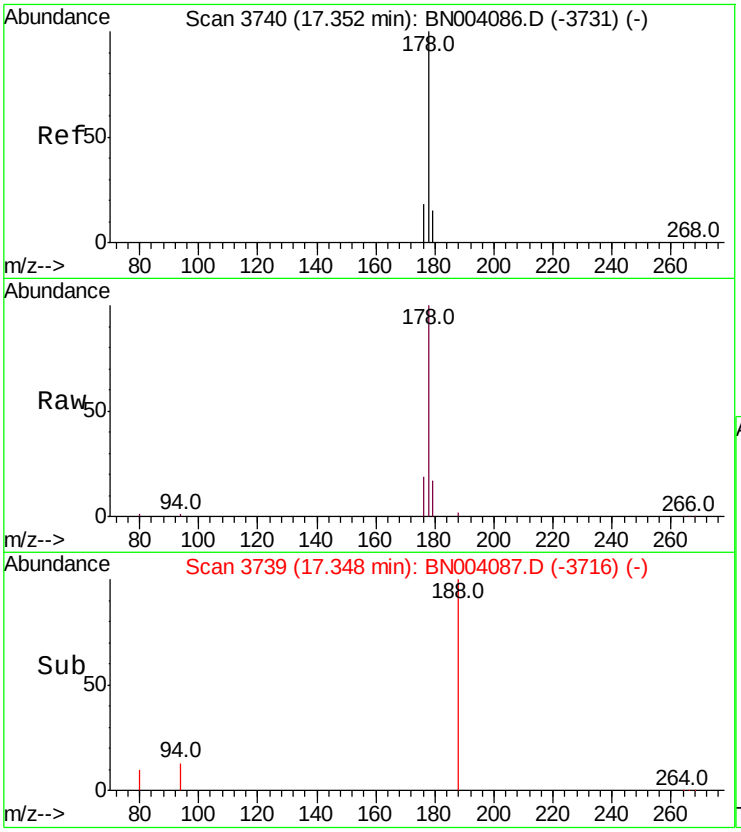


#12
Phenanthrene
Concen: 33.960 ng/ul m
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:178 Resp: 1677749

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.3	15.0	22.4

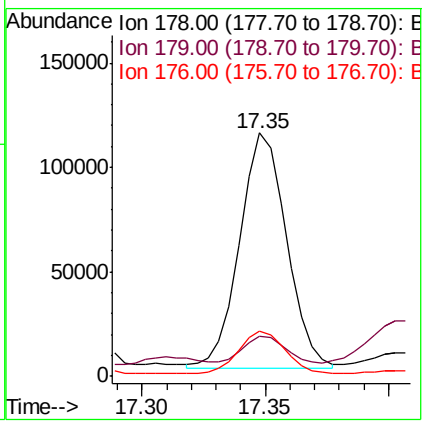




#13
Anthracene
Concen: 3.673 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:178 Resp: 149138

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	18.6	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9F10

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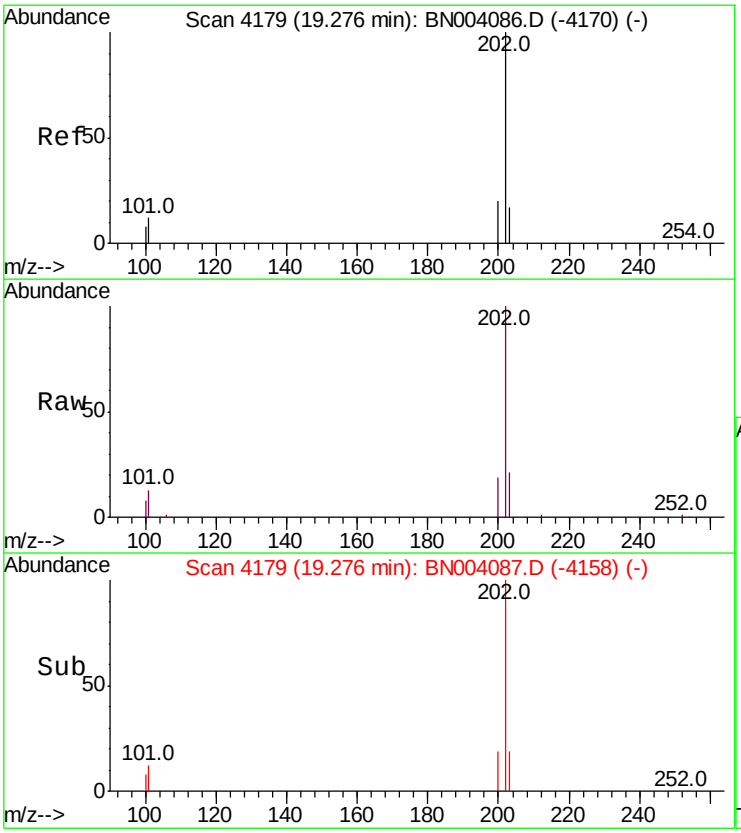
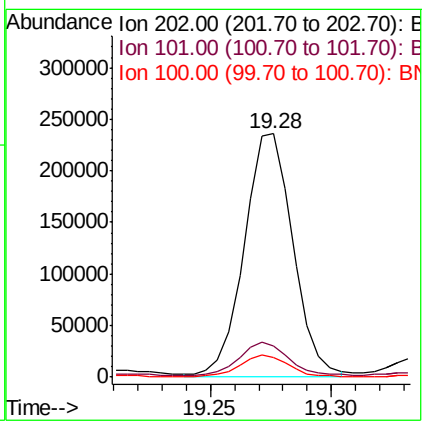
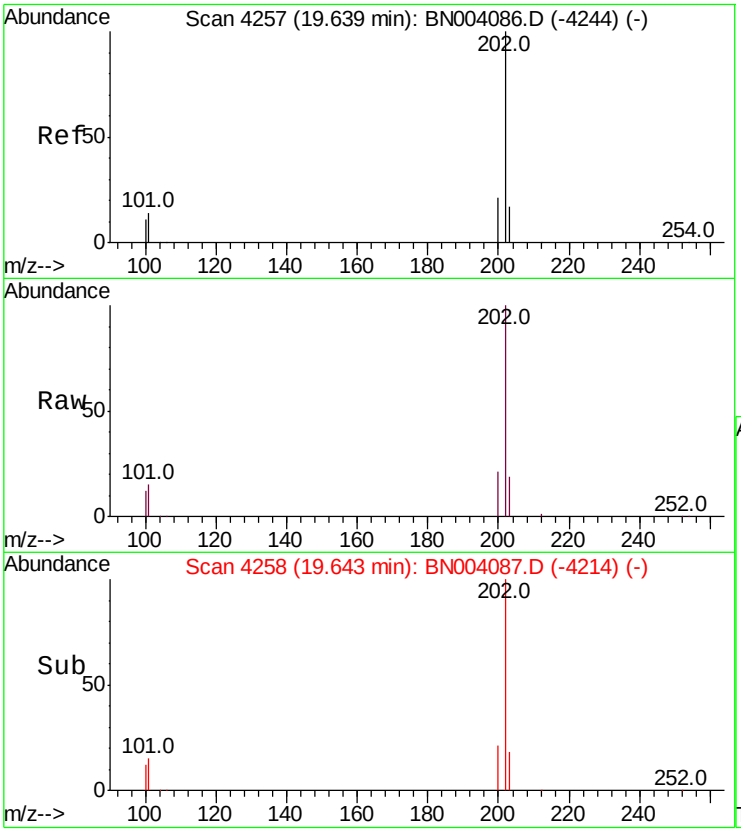


#15
Fluoranthene
Concen: 5.662 ng/ul m
RT: 19.28 min Scan# 4179
Delta R.T. -0.00 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:202 Resp: 330340

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.7
100	8.3	0.0	28.1

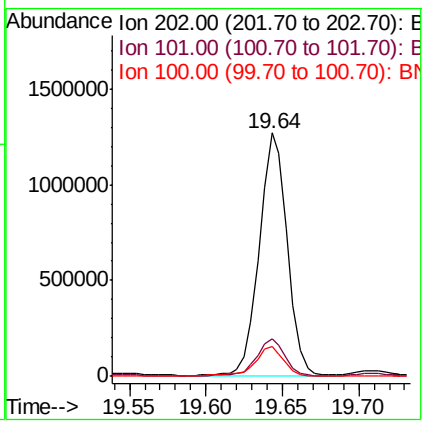




#17
Pyrene
Concen: 28.294 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:202 Resp: 1605831

Ion	Ratio	Lower	Upper
202	100		
101	15.4	10.3	15.5
100	12.0	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9F10

Manual Integrations APPROVED
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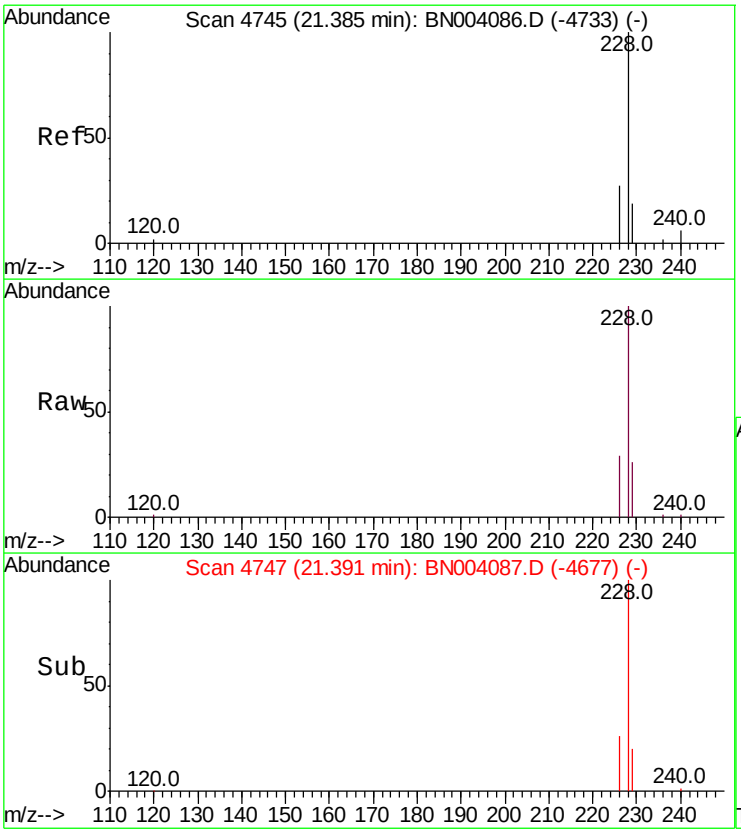
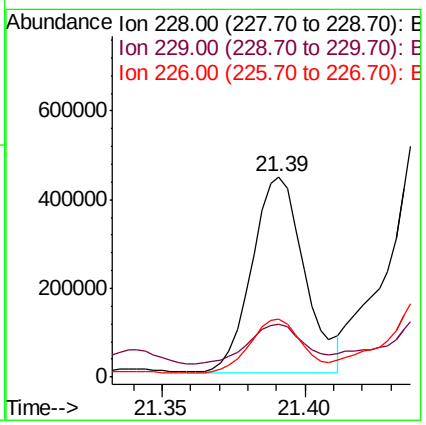
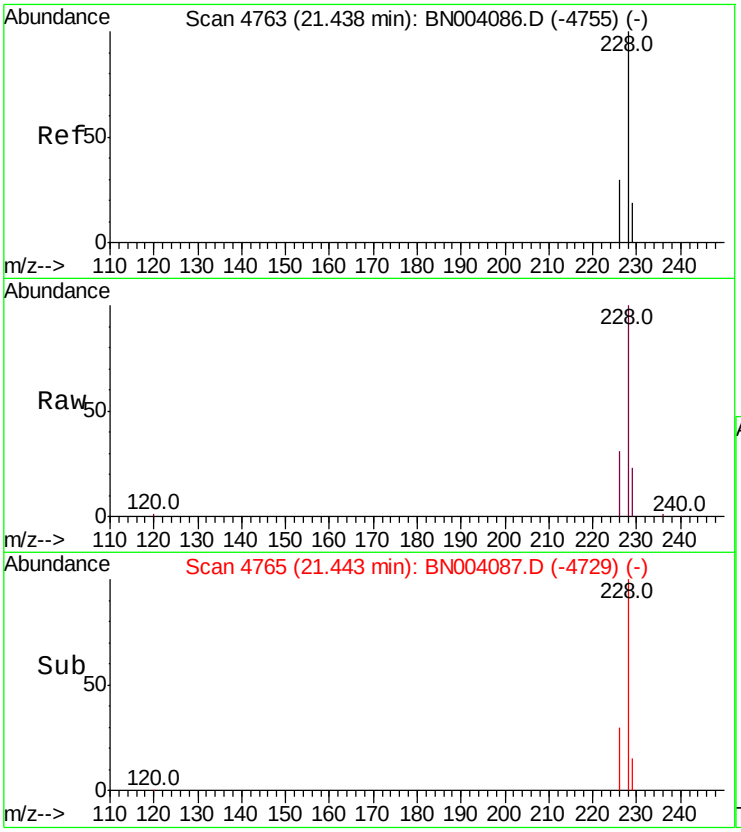


#18
Benzo(a)anthracene
Concen: 11.382 ng/ul m
RT: 21.39 min Scan# 4747
Delta R.T. 0.01 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:228 Resp: 568854

Ion	Ratio	Lower	Upper
228	100		
229	26.2	15.6	23.4#
226	28.8	21.1	31.7

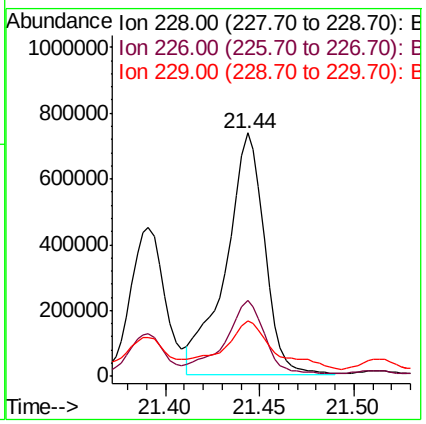




#19
Chrysene
Concen: 18.302 ng/ul m
RT: 21.44 min Scan# 4765
Delta R.T. 0.01 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:228 Resp: 1046801

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	22.9	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9F10

Manual Integrations APPROVED
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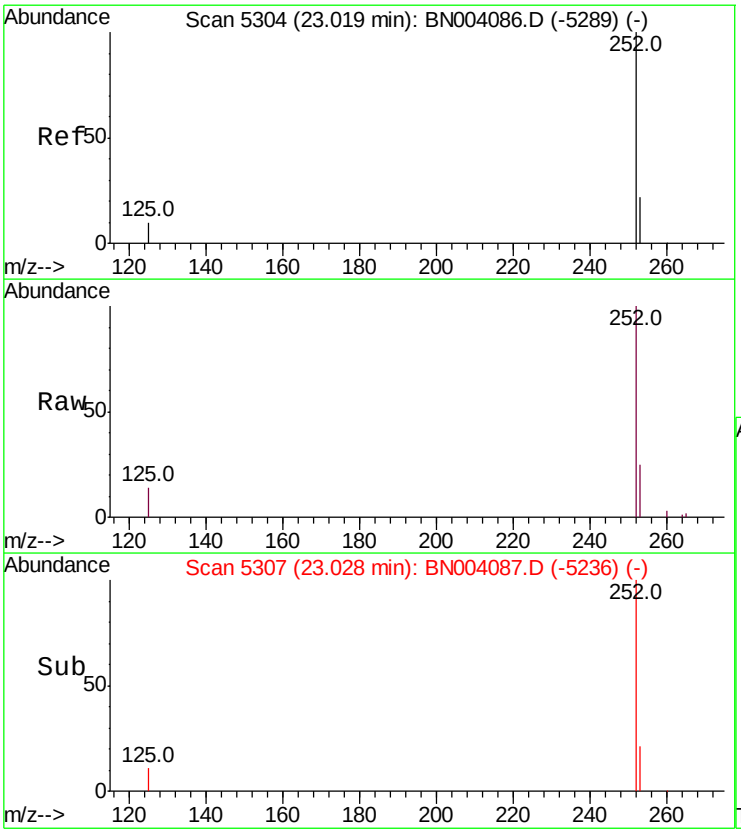
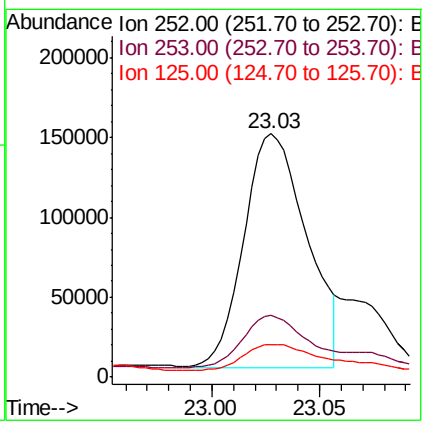
12/19/2018 4:16:32 PM

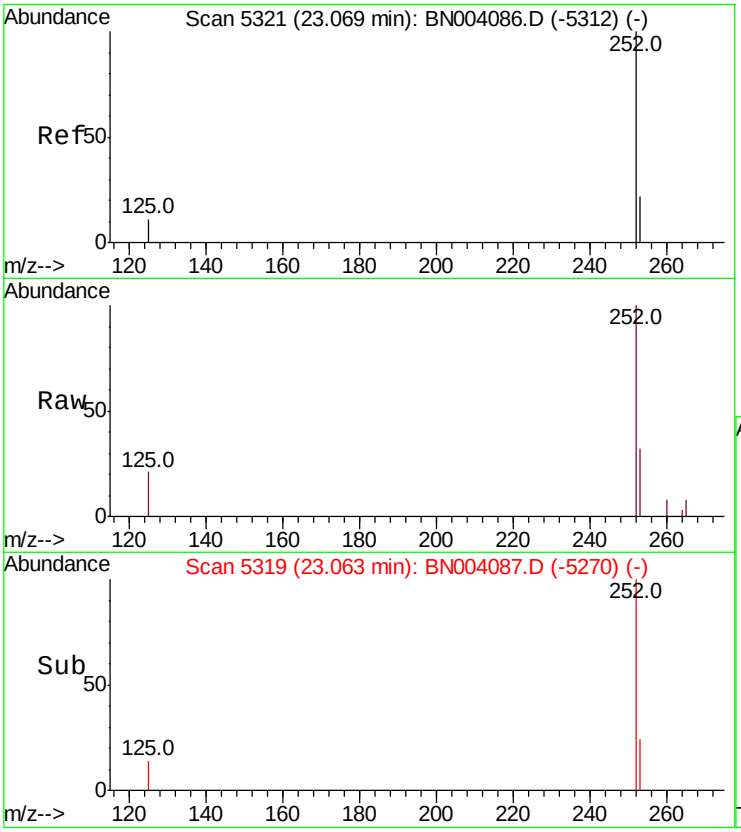


#21
Benzo(b)fluoranthene
Concen: 5.383 ng/ul m
RT: 23.03 min Scan# 5307
Delta R.T. 0.01 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:252 Resp: 297719

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	46.0
125	13.5	0.0	22.4





#22
Benzo(k)fluoranthene
Concen: 0.961 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.01 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:252 Resp: 51775

Ion	Ratio	Lower	Upper
252	100		
253	32.1	18.5	27.7#
125	20.8	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9F10

Manual Integrations APPROVED
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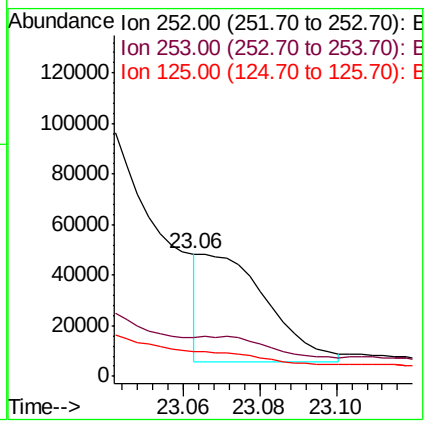
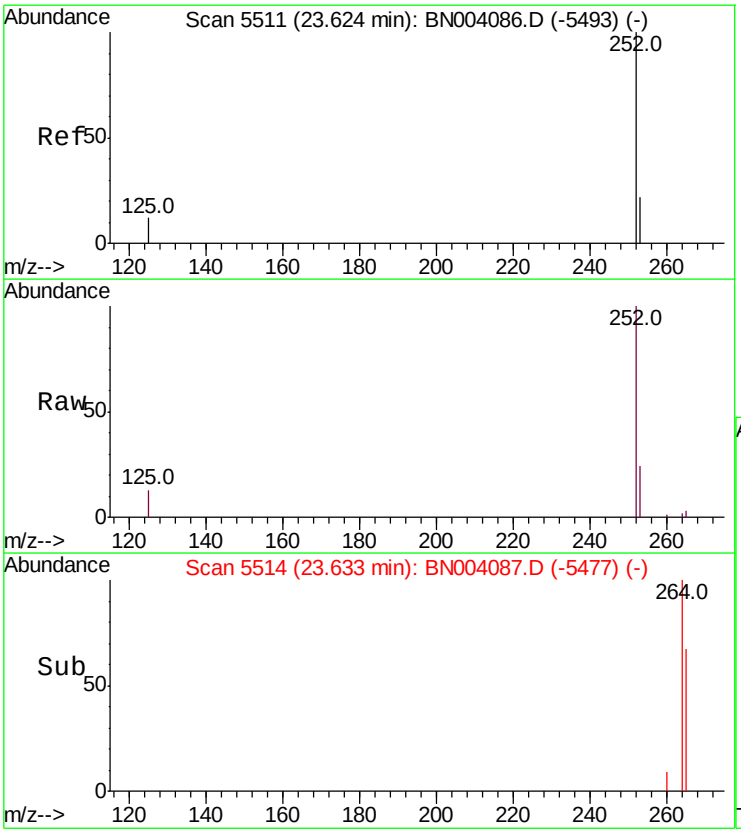
12/19/2018 4:16:32 PM

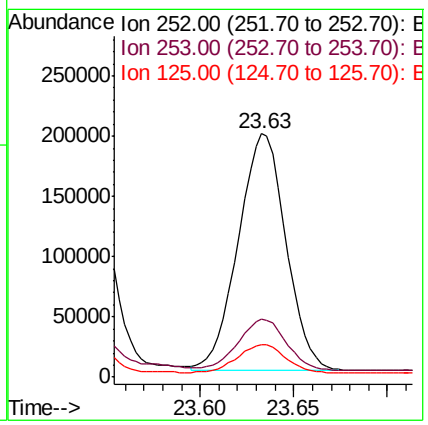


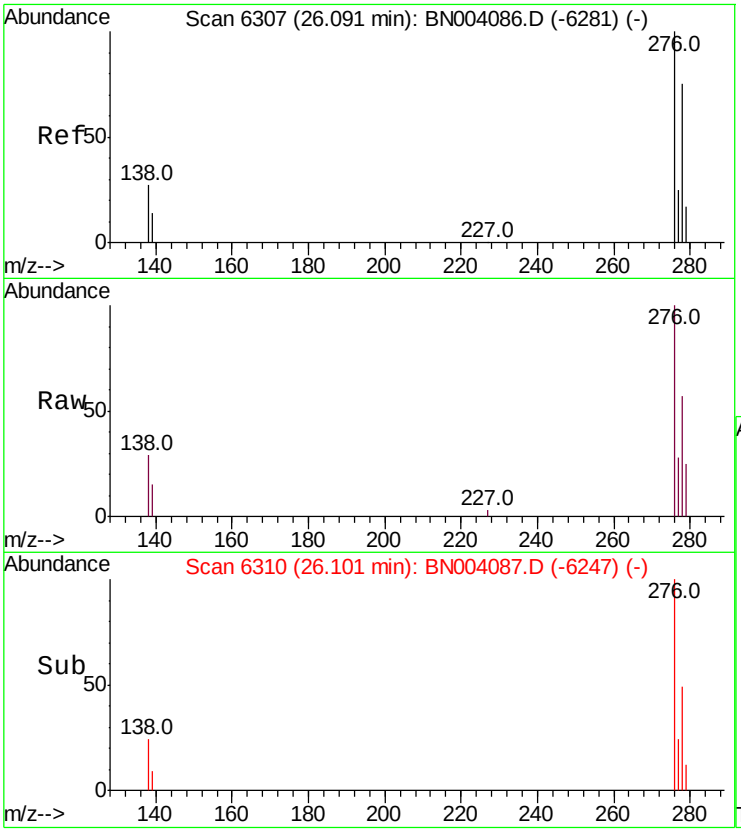


#23
Benzo(a)pyrene
Concen: 7.305 ng/ul m
RT: 23.63 min Scan# 5514
Delta R.T. 0.01 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:252 Resp: 349887

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	13.4	10.2	15.4





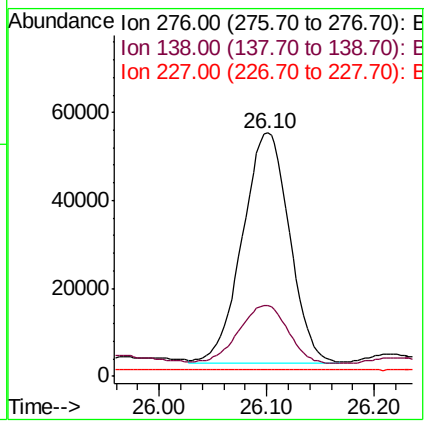
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.920 ng/ul m
RT: 26.10 min Scan# 6310
Delta R.T. 0.01 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

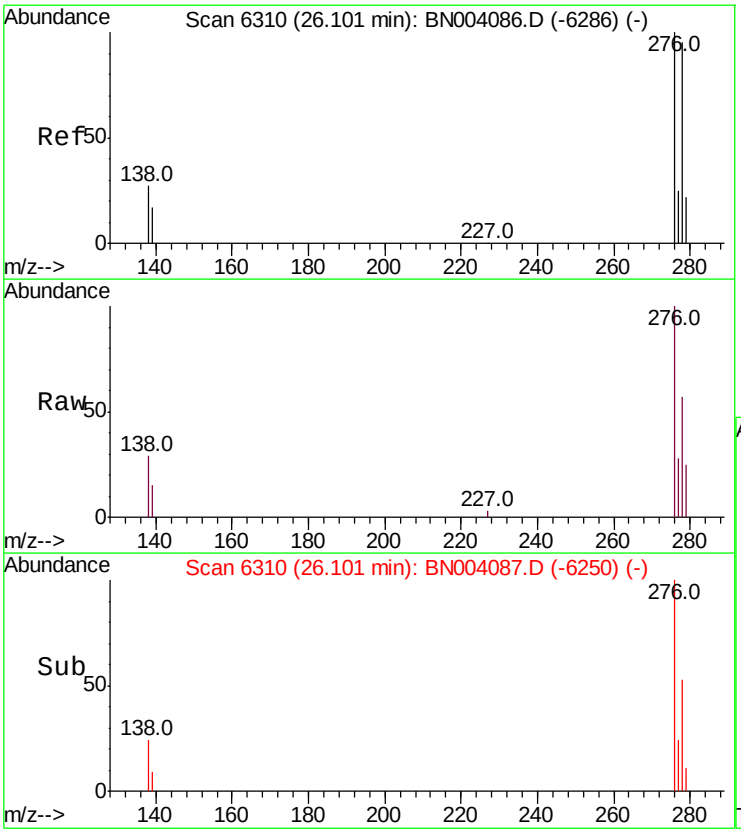
Tgt Ion:276 Resp: 160378

Ion	Ratio	Lower	Upper
276	100		
138	2.9	20.3	30.5#
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9F10

Manual Integrations APPROVED
Sohil
12/19/2018 4:16:32 PM

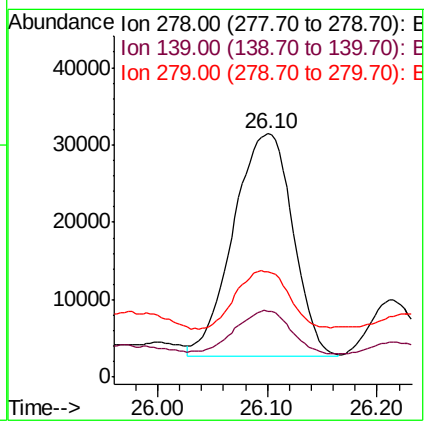


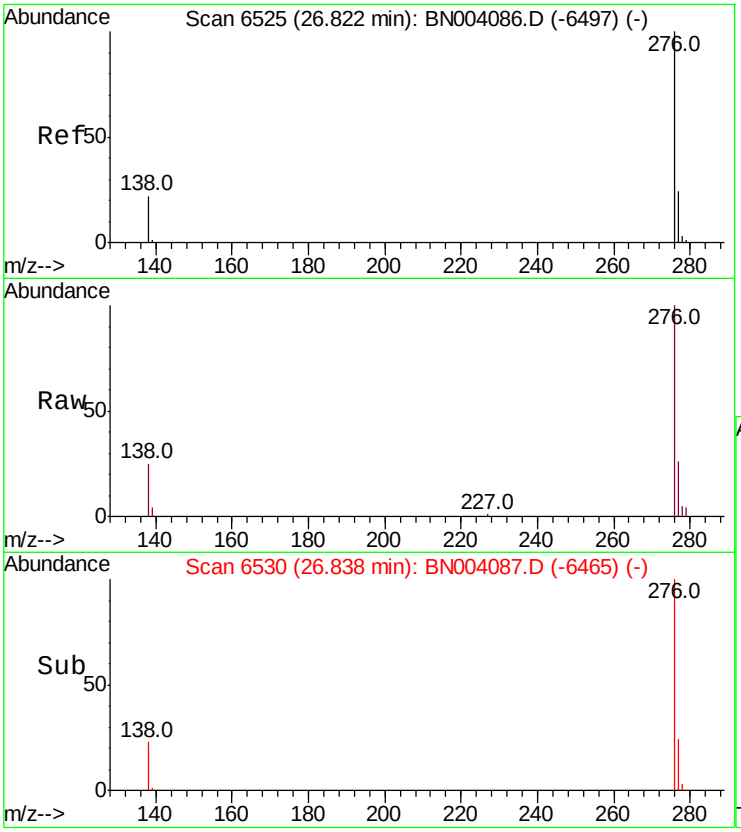


#25
Dibenzo(a,h)anthracene
Concen: 2.450 ng/ul m
RT: 26.10 min Scan# 6310
Delta R.T. -0.00 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:278 Resp: 108289

Ion	Ratio	Lower	Upper
278	100		
139	27.1	14.2	21.4#
279	43.3	19.8	29.6#

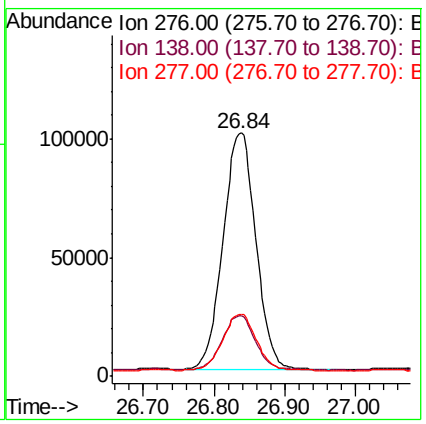




#26
Benzo(g,h,i)perylene
Concen: 6.741 ng/ul
RT: 26.84 min Scan# 6530
Delta R.T. 0.02 min
Lab File: BN004087.D
Acq: 18 Dec 2018 21:24

Tgt Ion:276 Resp: 321782

Ion	Ratio	Lower	Upper
276	100		
138	24.7	17.7	26.5
277	25.6	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
F9F10

Manual Integrations APPROVED
Sohil
12/19/2018 4:16:32 PM