Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F08

Manual Integrations APPROVED
Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:25:05 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1807	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8993	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5683	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14657m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16303m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	14543m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3076	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9698m	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	15265	0.604	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	24544	1.391	ng/ul	100
7) Acenaphthylene	14.19	152	13149	0.514	ng/ul	96
8) Acenaphthene	14.53	153	2239	0.100	ng/ul	96
9) Fluorene	15.52	166	2455	0.094	ng/ul#	89
12) Phenanthrene	17.26	178	143189m	2.977	ng/ul	
13) Anthracene	17.35	178	27947m	0.707	ng/ul	
15) Fluoranthene	19.28	202	118232m	2.081	ng/ul	
17) Pyrene	19.64	202	193788	3.314	ng/ul	96
18) Benzo(a)anthracene	21.39	228	92477m	1.796	ng/ul	
19) Chrysene	21.44	228	135894m	2.306	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	92600m	1.539	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	26322m	0.449	ng/ul	
23) Benzo(a)pyrene	23.63	252	77949m	1.496	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.10	276	58663m	0.982	ng/ul	
25) Dibenzo(a,h)anthracene	26.10	278	21497m	0.447	ng/ul	
26) Benzo(g,h,i)perylene	26.84	276	196292m	3.781	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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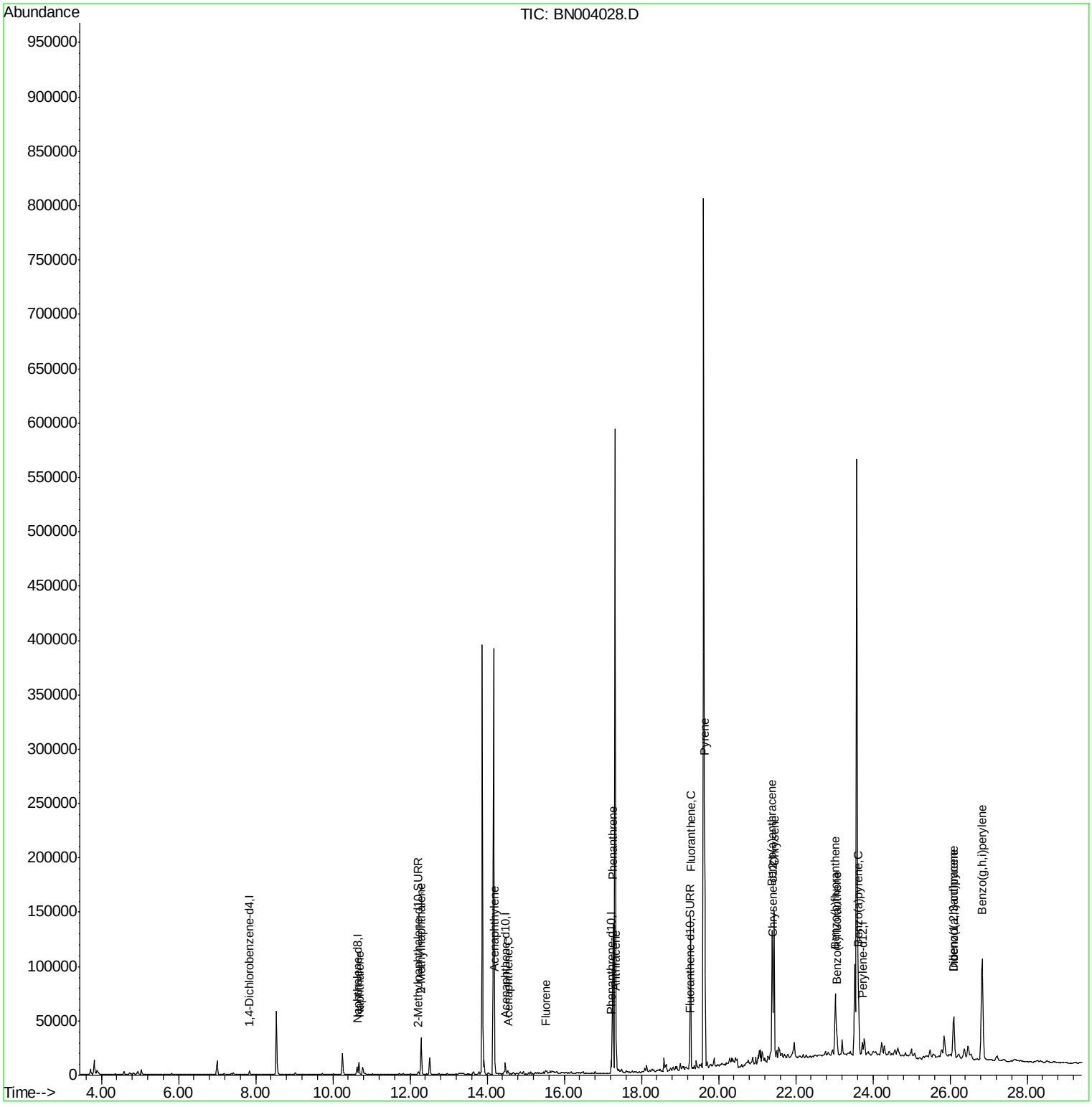
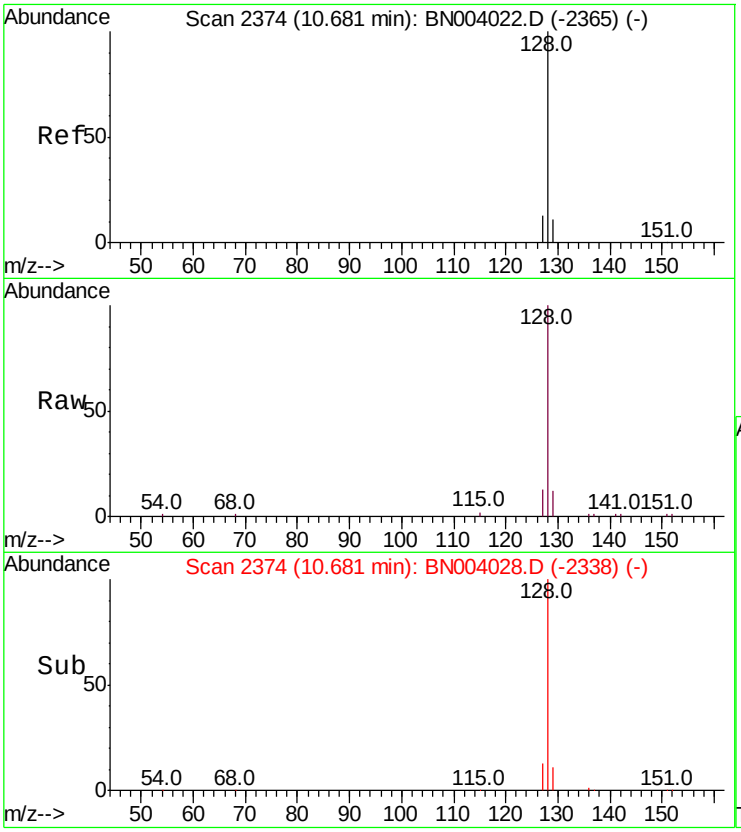
Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations APPROVED
Sohil
12/17/2018 4:29:00 PM

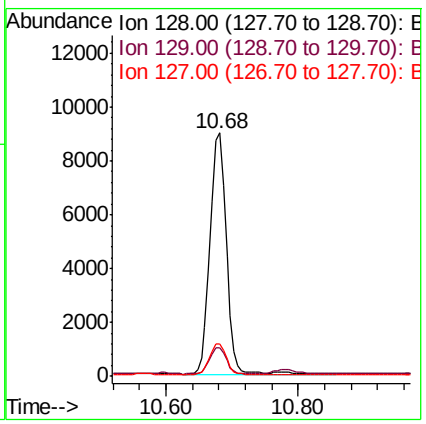




#3
Naphthalene
Concen: 0.604 ng/ul
RT: 10.68 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:128 Resp: 15265

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	13.3	10.5	15.7



Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations APPROVED
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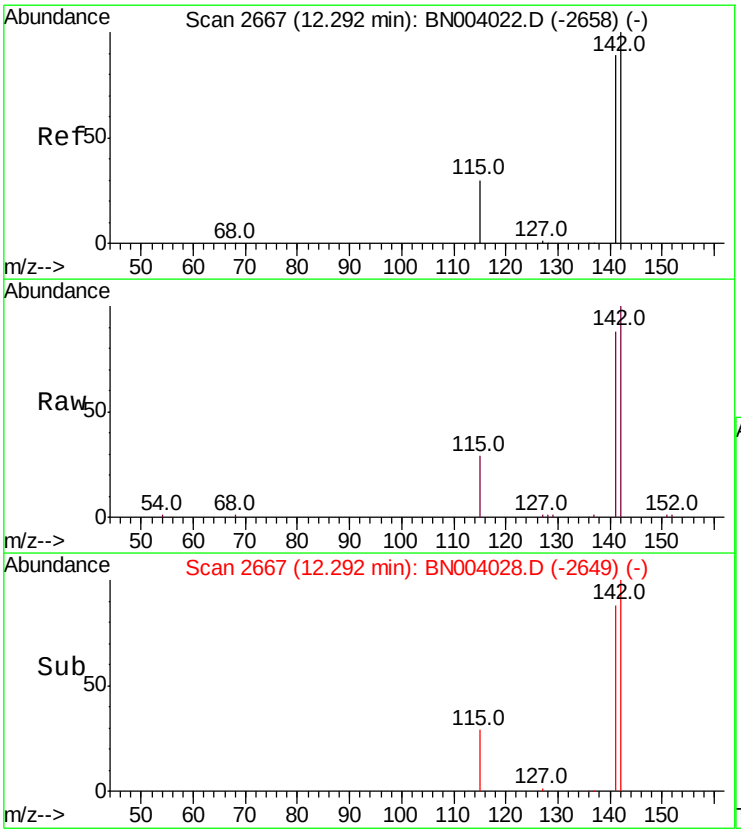
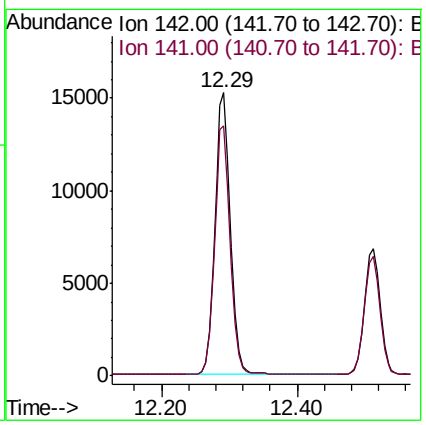
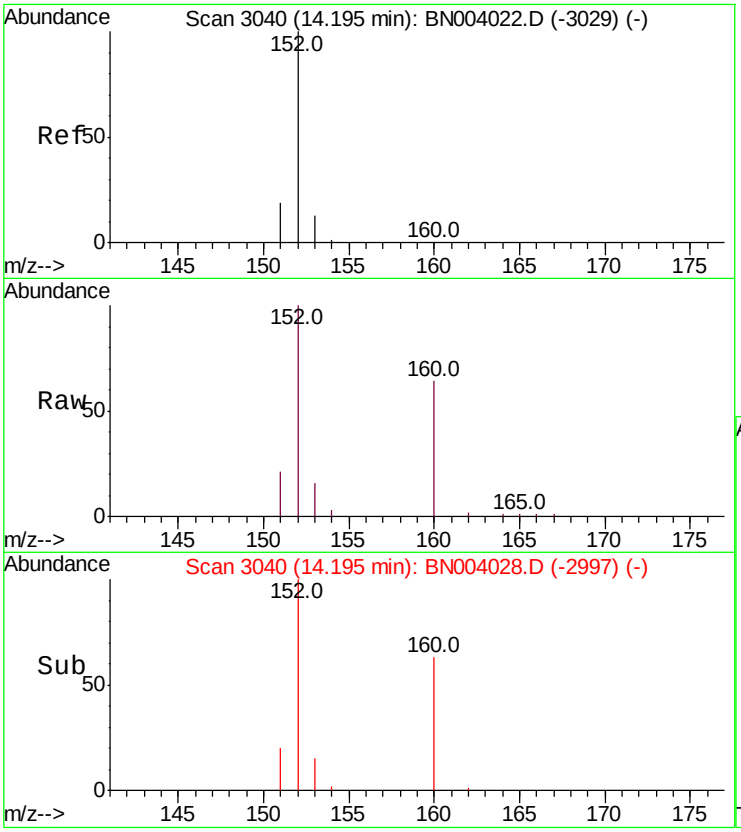


#5
2-Methylnaphthalene
Concen: 1.391 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:142 Resp: 24544

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3

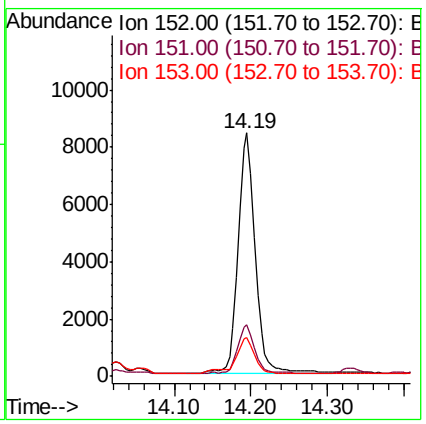




#7
Acenaphthylene
Concen: 0.514 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:152 Resp: 13149

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.9	23.9
153	16.0	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
F9F08

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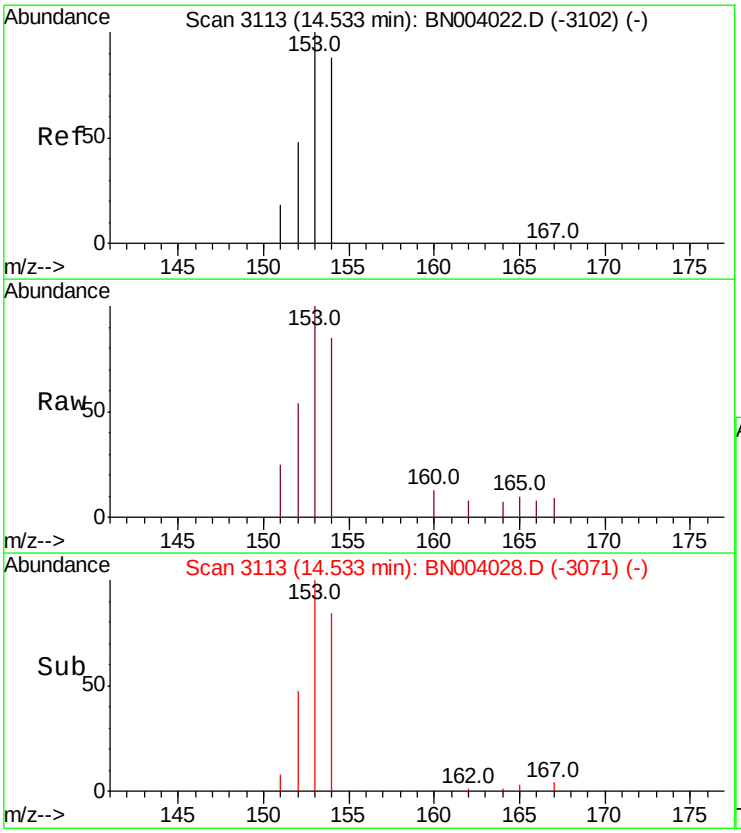
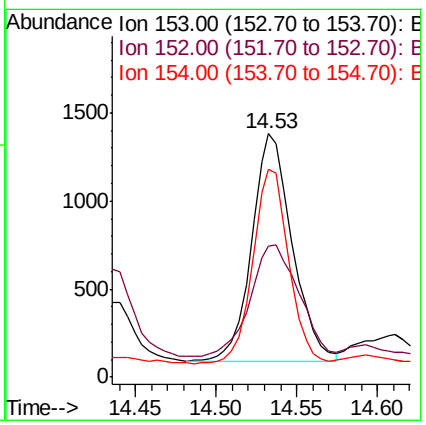
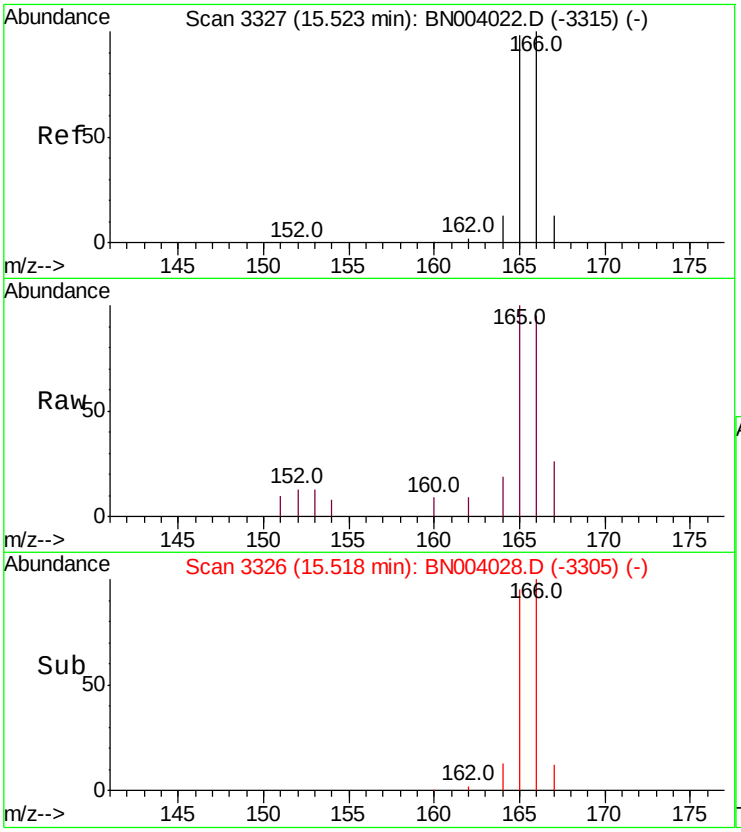


#8
Acenaphthene
Concen: 0.100 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:153 Resp: 2239

Ion	Ratio	Lower	Upper
153	100		
152	53.9	39.3	58.9
154	85.5	70.3	105.5

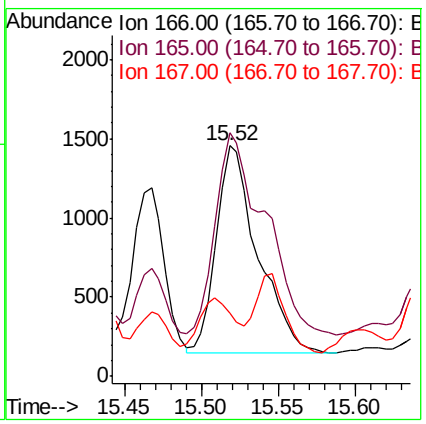




#9
Fluorene
Concen: 0.094 ng/ul
RT: 15.52 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:166 Resp: 2455

Ion	Ratio	Lower	Upper
166	100		
165	105.6	78.3	117.5
167	27.3	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations APPROVED
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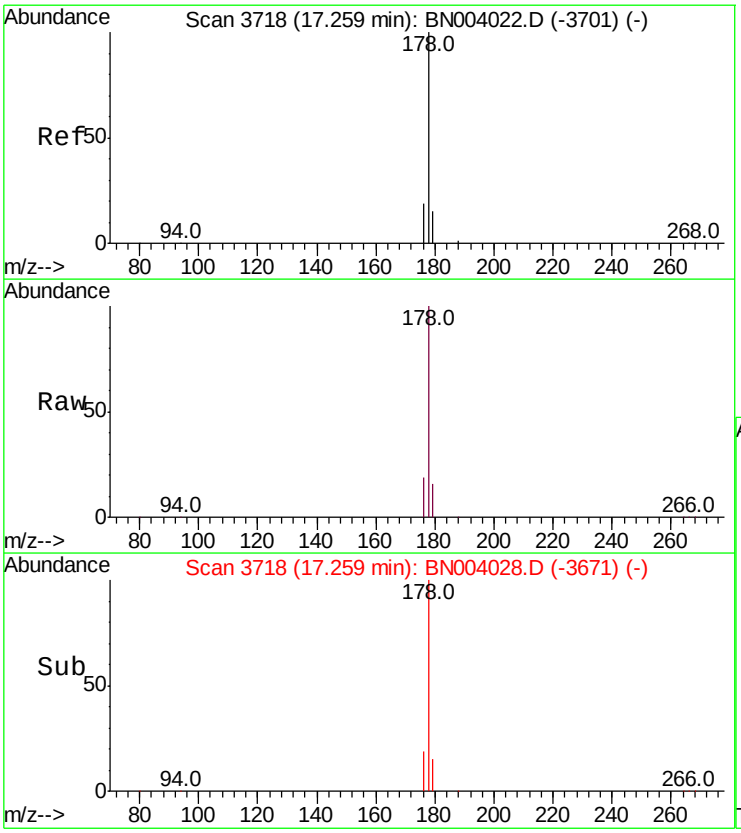
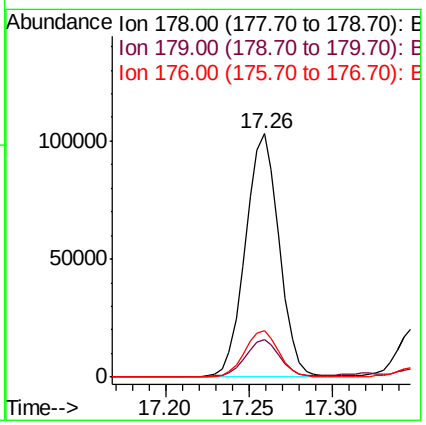
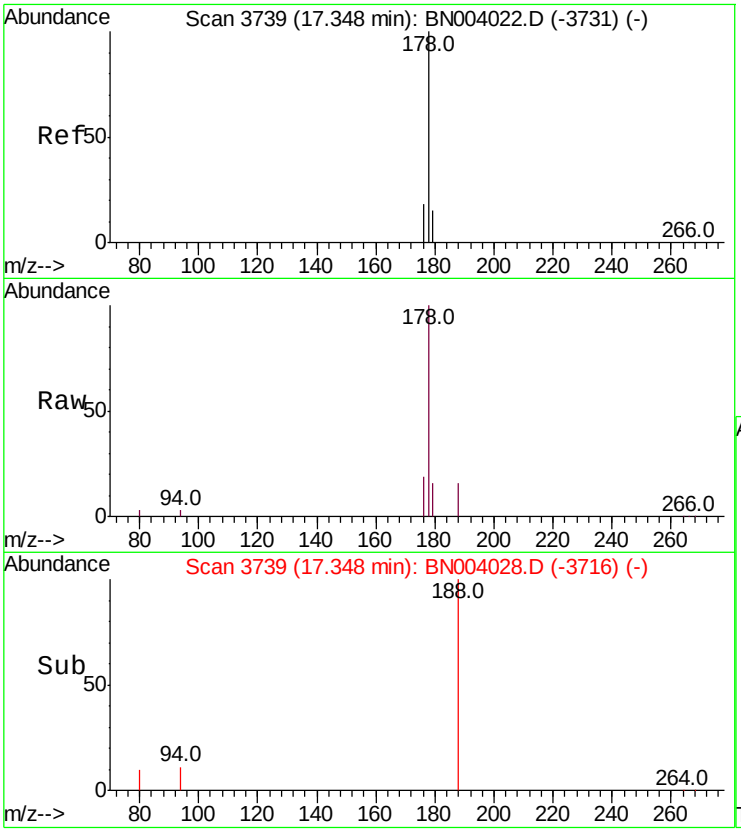


#12
Phenanthrene
Concen: 2.977 ng/ul m
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:178 Resp: 143189

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.8	15.0	22.4

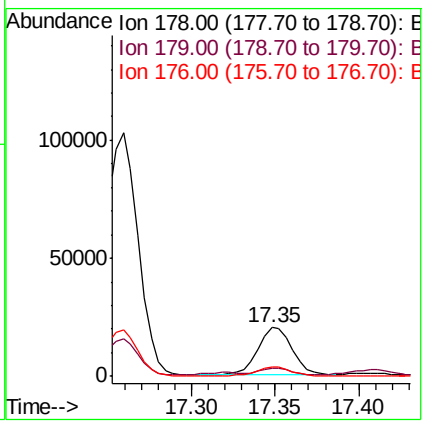




#13
Anthracene
Concen: 0.707 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:178 Resp: 27947

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	19.4	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations APPROVED
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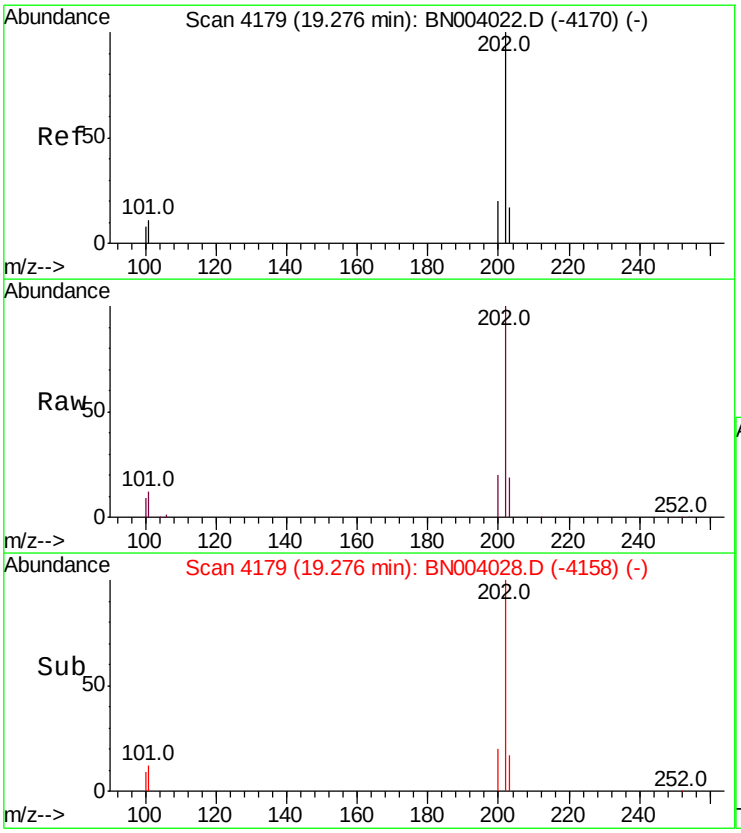
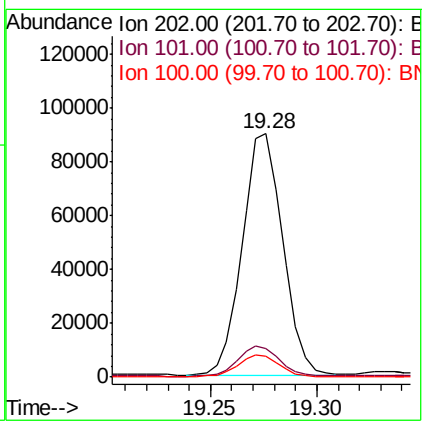
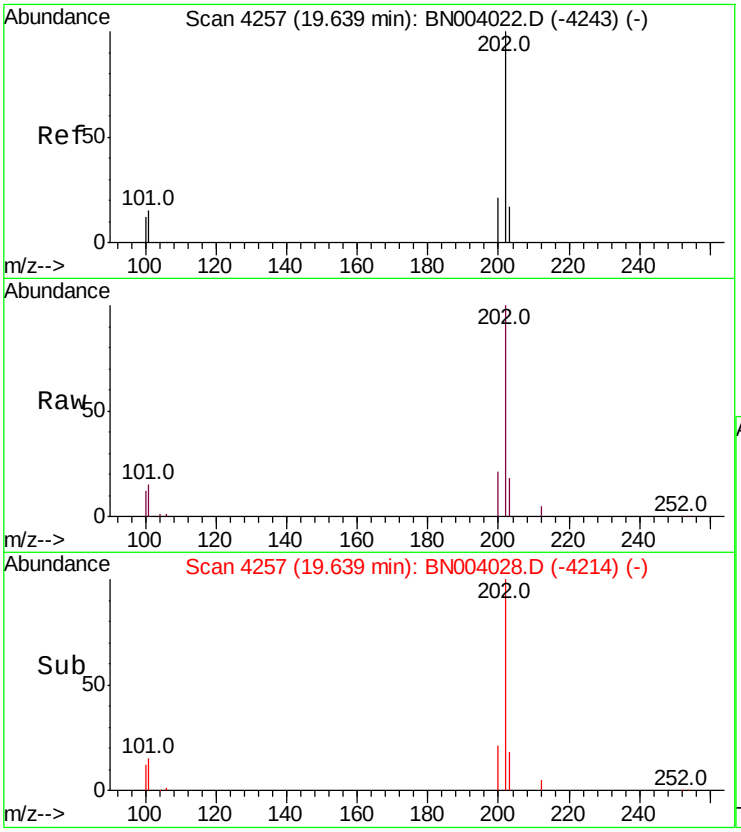


#15
Fluoranthene
Concen: 2.081 ng/ul m
RT: 19.28 min Scan# 4179
Delta R.T. -0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:202 Resp: 118232

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.7
100	8.7	0.0	28.1





#17
Pyrene
Concen: 3.314 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:202 Resp: 193788

Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.3	15.5
100	11.7	8.5	12.7

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations APPROVED
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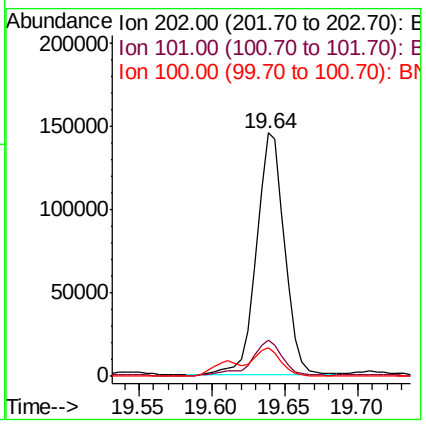
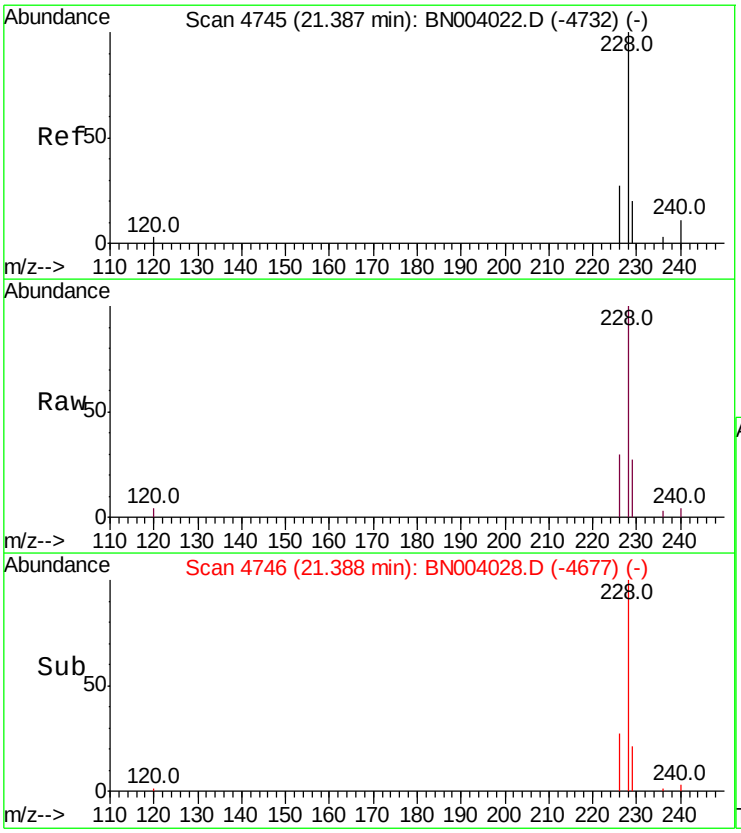
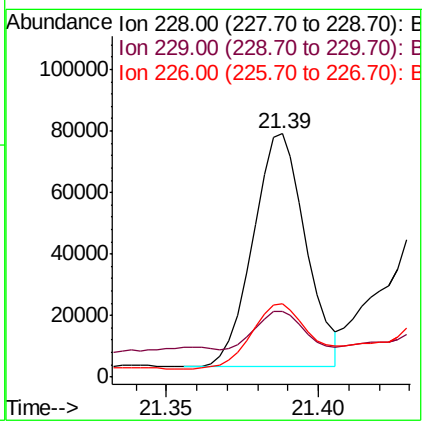


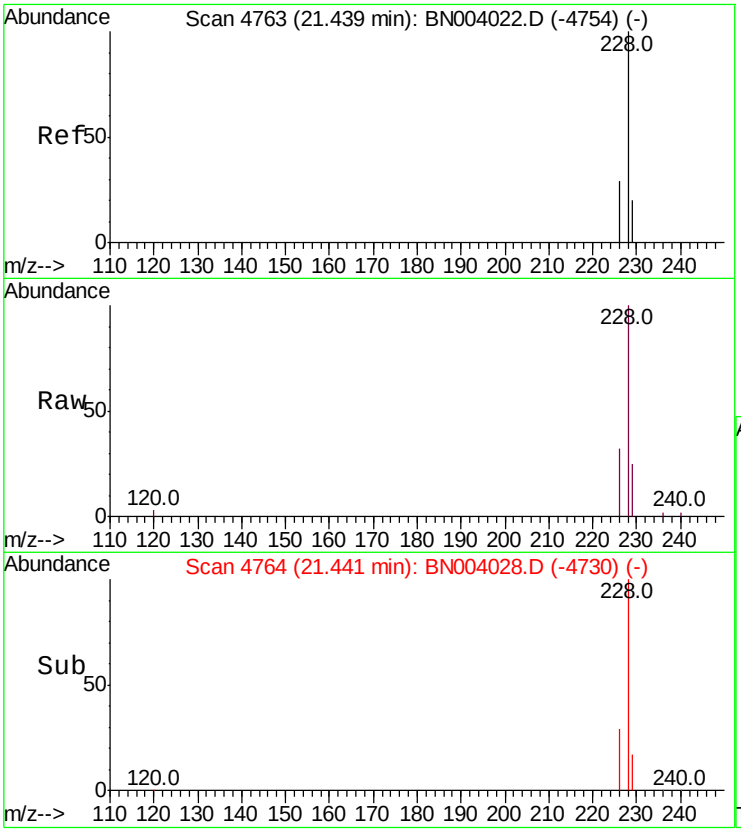


#18
Benzo(a)anthracene
Concen: 1.796 ng/ul m
RT: 21.39 min Scan# 4746
Delta R.T. 0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:228 Resp: 92477

Ion	Ratio	Lower	Upper
228	100		
229	27.1	15.6	23.4#
226	30.3	21.1	31.7





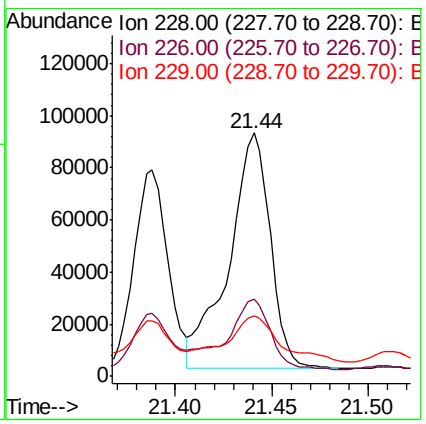
#19
Chrysene
Concen: 2.306 ng/ul m
RT: 21.44 min Scan# 4764
Delta R.T. -0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

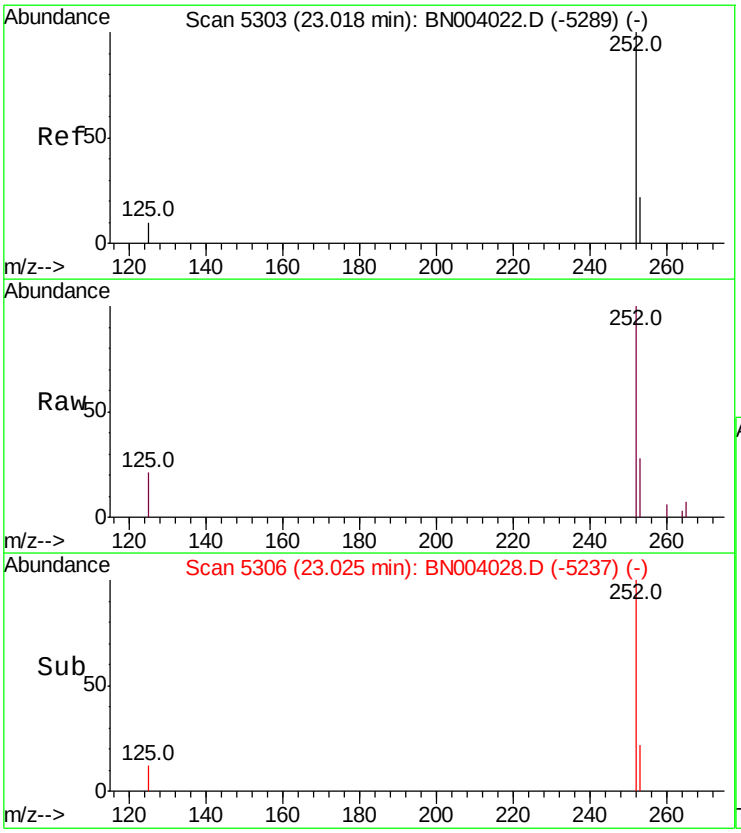
Tgt Ion:228 Resp: 135894

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	25.1	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations APPROVED
Sohil
12/17/2018 4:29:00 PM

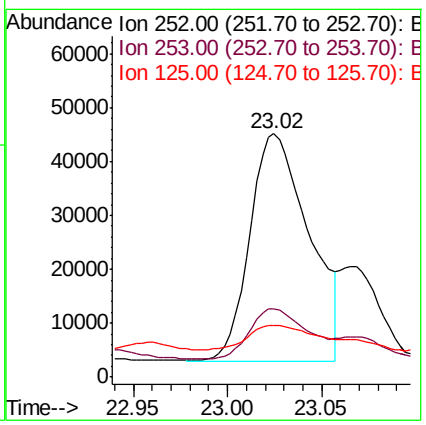


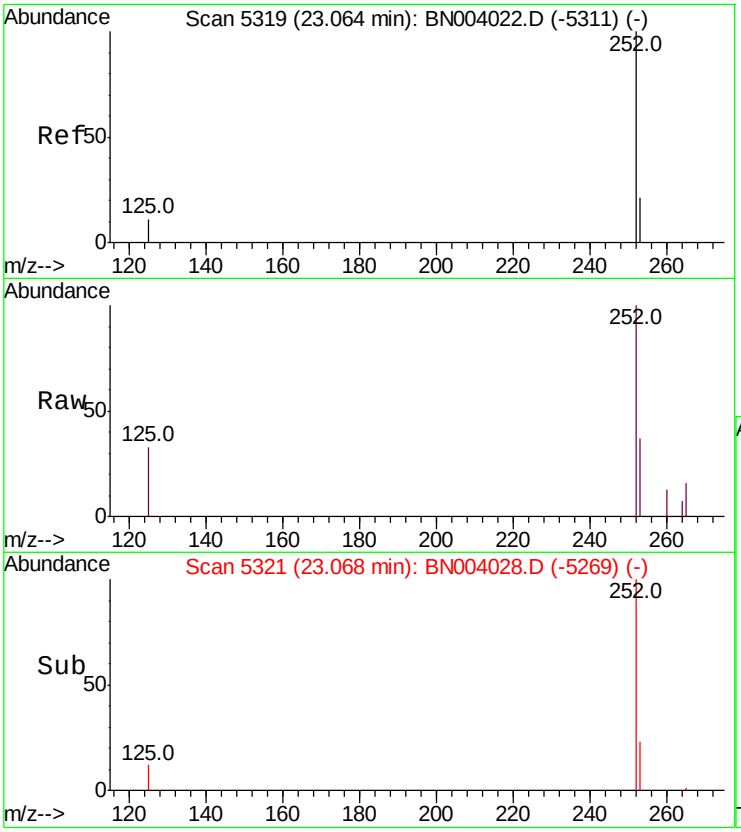


#21
Benzo(b)fluoranthene
Concen: 1.539 ng/ul m
RT: 23.02 min Scan# 5306
Delta R.T. 0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:252 Resp: 92600

Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	46.0
125	21.5	0.0	22.4





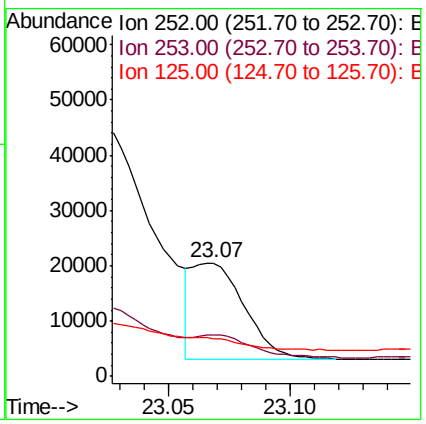
#22
Benzo(k)fluoranthene
Concen: 0.449 ng/ul m
RT: 23.07 min Scan# 5321
Delta R.T. 0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

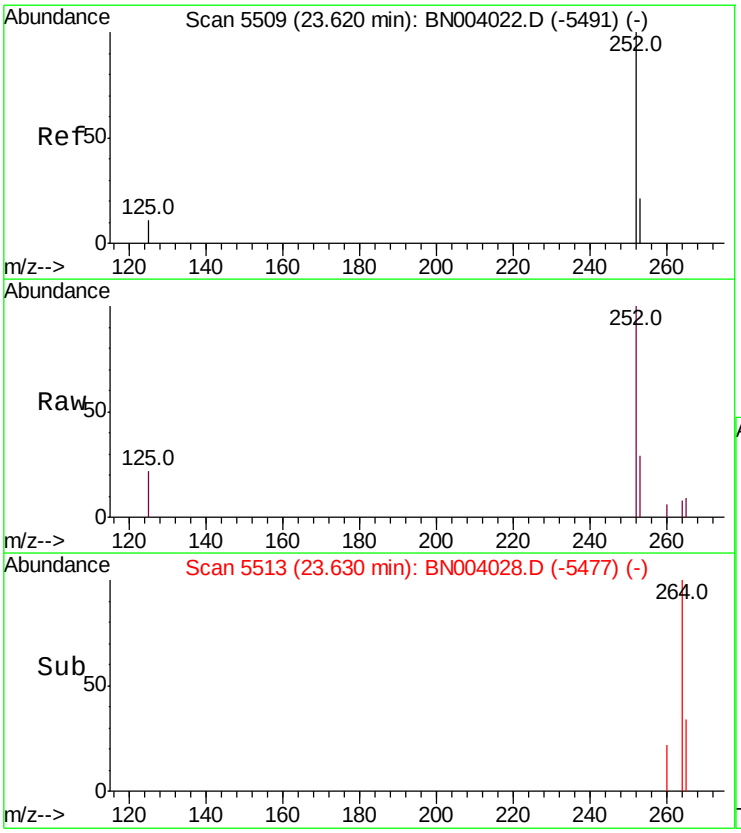
Tgt Ion:252 Resp: 26322

Ion	Ratio	Lower	Upper
252	100		
253	36.7	18.5	27.7#
125	33.4	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations APPROVED
Sohil
12/17/2018 4:29:00 PM

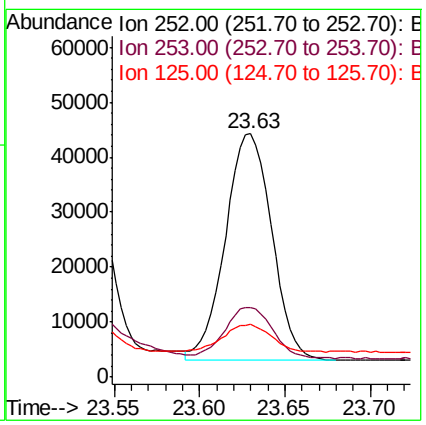


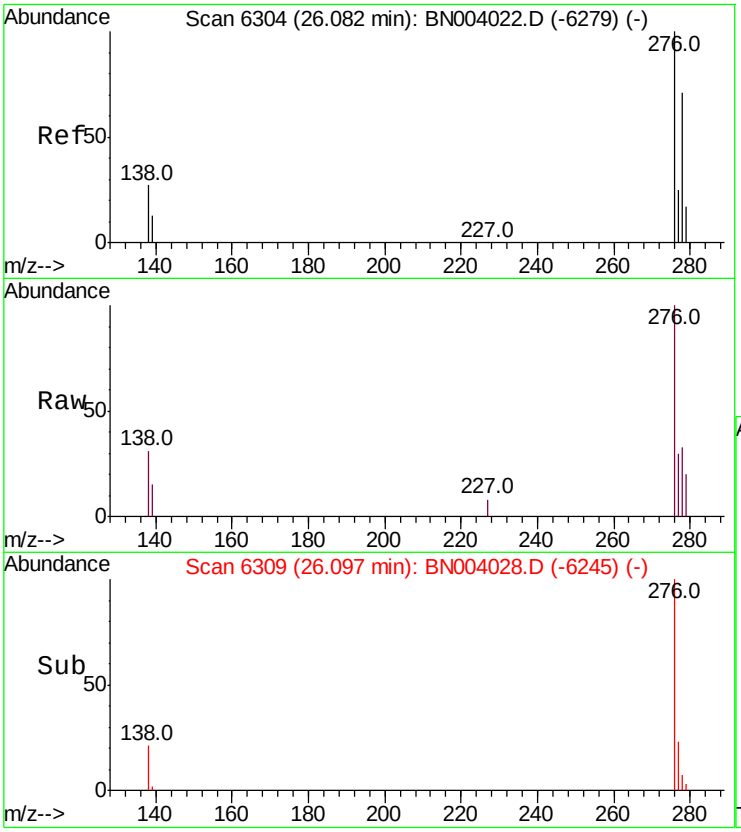


#23
Benzo(a)pyrene
Concen: 1.496 ng/ul m
RT: 23.63 min Scan# 5513
Delta R.T. 0.01 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:252 Resp: 77949

Ion	Ratio	Lower	Upper
252	100		
253	28.8	19.0	28.4#
125	21.7	10.2	15.4#





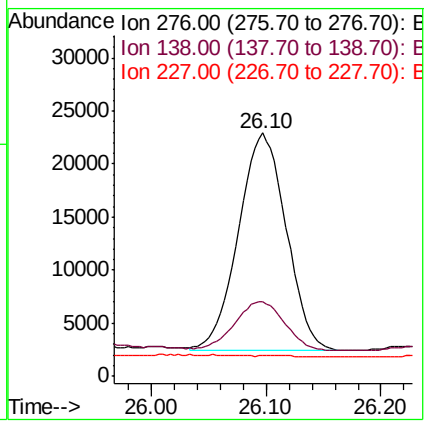
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.982 ng/ul m
RT: 26.10 min Scan# 6309
Delta R.T. 0.01 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

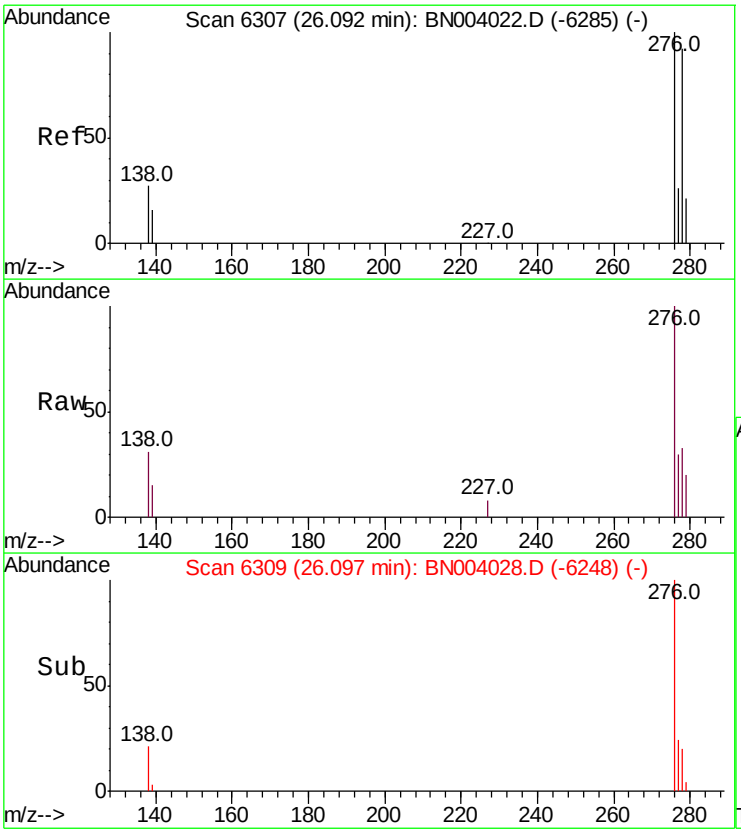
Tgt Ion:276 Resp: 58663

Ion	Ratio	Lower	Upper
276	100		
138	2.4	20.3	30.5#
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations APPROVED
Sohil
12/17/2018 4:29:00 PM

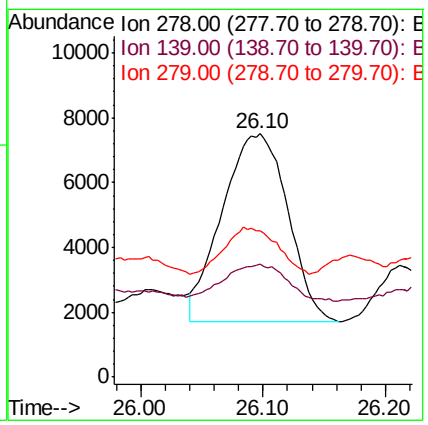


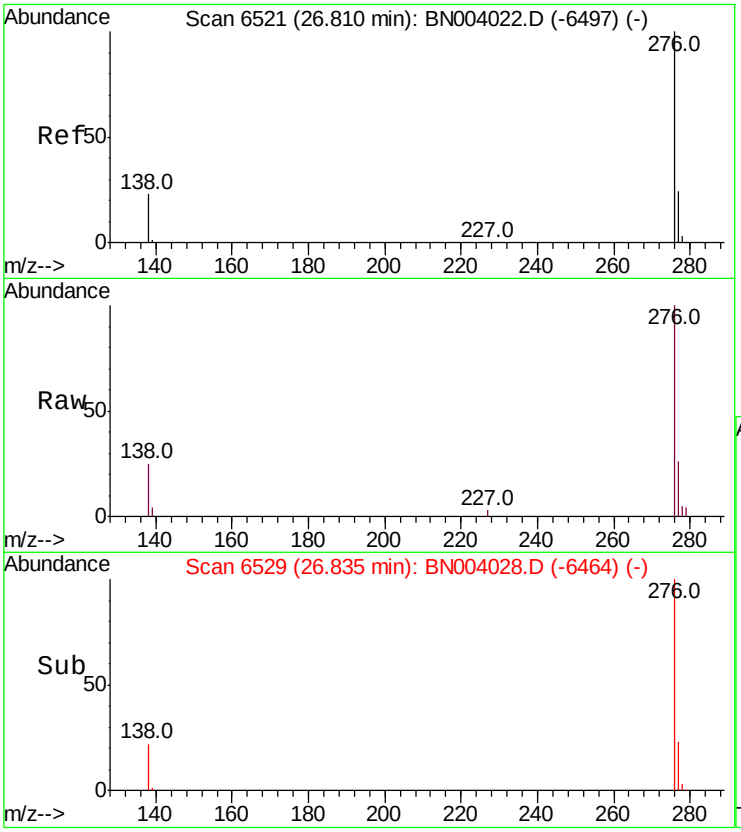


#25
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul m
RT: 26.10 min Scan# 6309
Delta R.T. 0.00 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:278 Resp: 21497

Ion	Ratio	Lower	Upper
278	100		
139	46.4	14.2	21.4#
279	60.2	19.8	29.6#

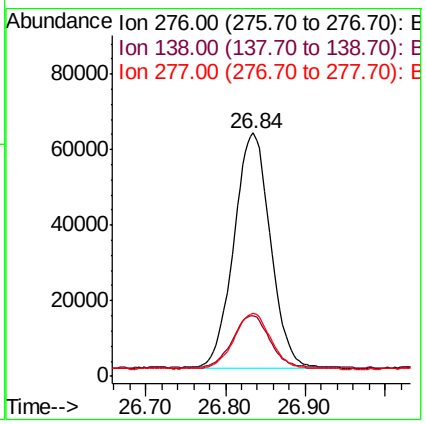




#26
Benzo(g,h,i)perylene
Concen: 3.781 ng/ul m
RT: 26.84 min Scan# 6529
Delta R.T. 0.02 min
Lab File: BN004028.D
Acq: 17 Dec 2018 10:42

Tgt Ion:276 Resp: 196292

Ion	Ratio	Lower	Upper
276	100		
138	24.8	17.7	26.5
277	25.7	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations APPROVED
Sohil
12/17/2018 4:29:00 PM