Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004047.D
Acq On : 17 Dec 2018 21:56
Operator : JU/SJ
Sample : J6236-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 18 06:08:37 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1600	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8312	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5129	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13475m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14740m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13998m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2283	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7864m	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	589	0.025	ng/ul#	57
5) 2-Methylnaphthalene	12.29	142	357	0.022	ng/ul	95
7) Acenaphthylene	14.19	152	125318	5.426	ng/ul	99
8) Acenaphthene	14.53	153	1581	0.078	ng/ul#	94
9) Fluorene	15.52	166	2469	0.105	ng/ul#	98
12) Phenanthrene	17.26	178	23549m	0.532	ng/ul	
13) Anthracene	17.35	178	106379m	2.927	ng/ul	
15) Fluoranthene	19.28	202	598836m	11.466	ng/ul	
17) Pyrene	19.64	202	646215	12.224	ng/ul	99
18) Benzo(a)anthracene	21.39	228	441716m	9.488	ng/ul	
19) Chrysene	21.44	228	418735m	7.859	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	720598m	12.445	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	245194m	4.346	ng/ul	
23) Benzo(a)pyrene	23.62	252	336056m	6.702	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	287648m	5.003	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	70114m	1.515	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	217083m	4.344	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004047.D
Acq On : 17 Dec 2018 21:56
Operator : JU/SJ
Sample : J6236-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 18 06:08:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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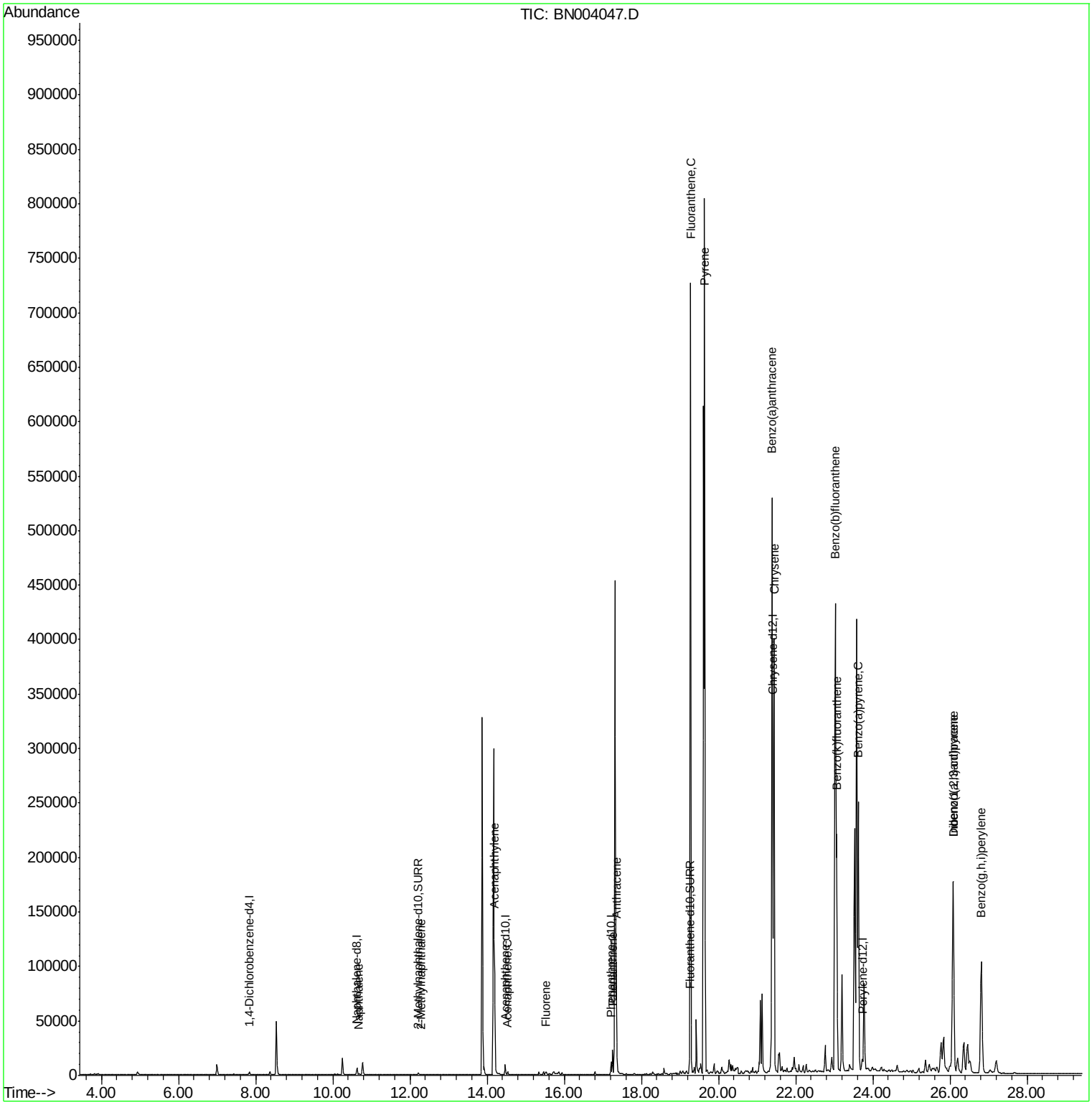

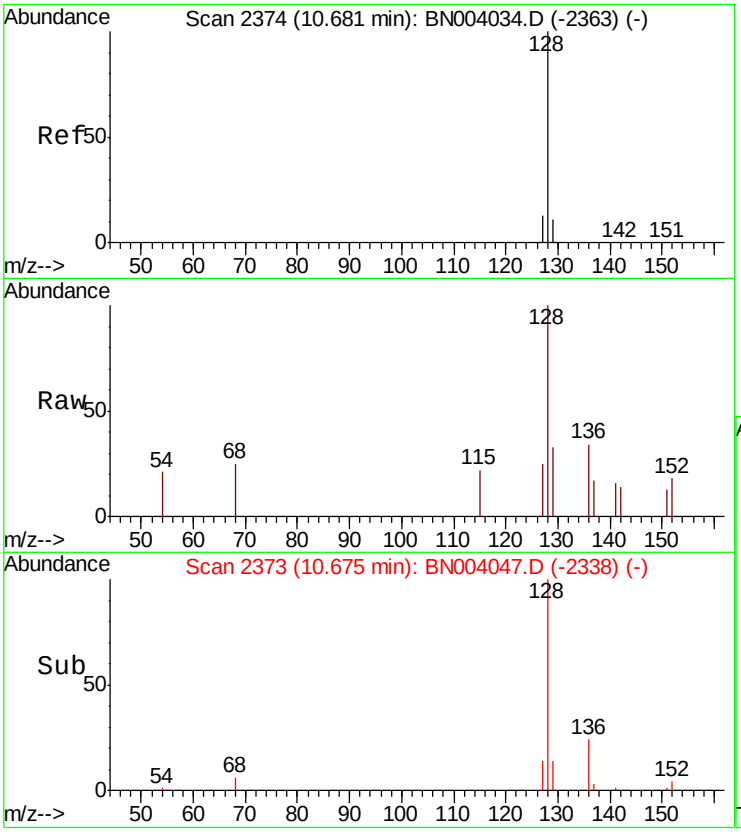

#3
Naphthalene
Concen: 0.025 ng/ul
RT: 10.68 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:128 Resp: 589

Ion	Ratio	Lower	Upper
128	100		
129	33.2	9.0	13.6#
127	25.1	10.5	15.7#

Instrument :
BNA_N
ClientSampleId :
F9E21

Manual Integrations APPROVED
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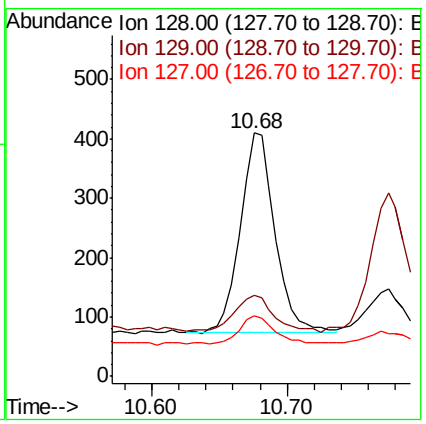
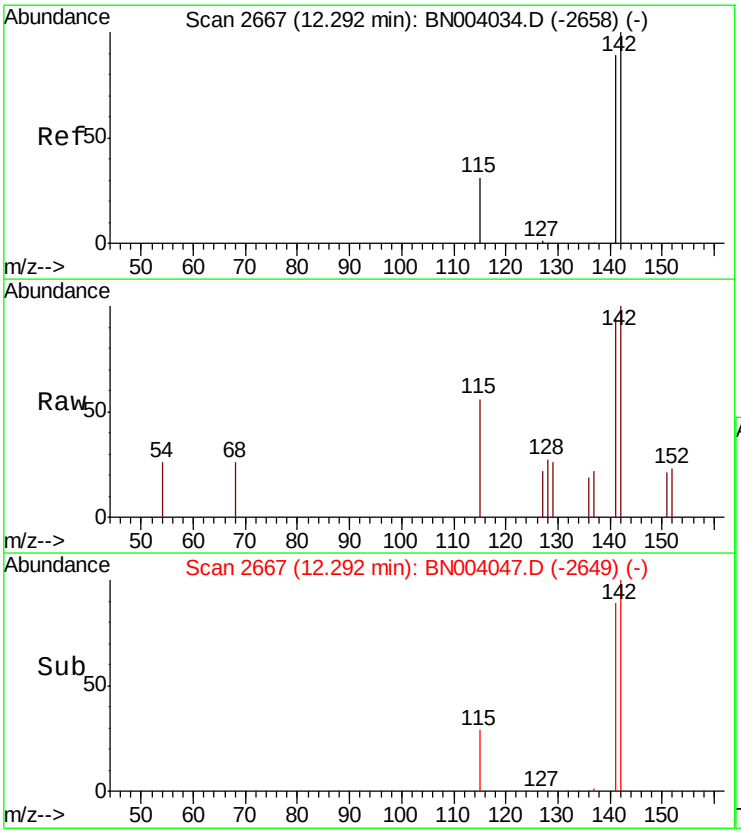
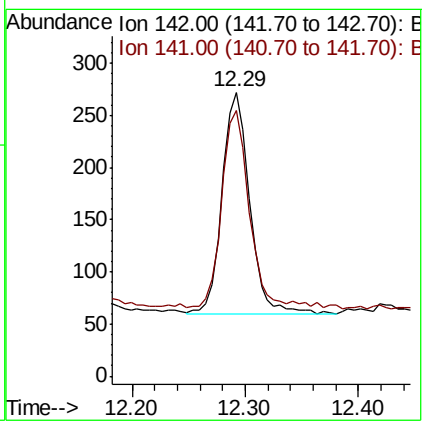


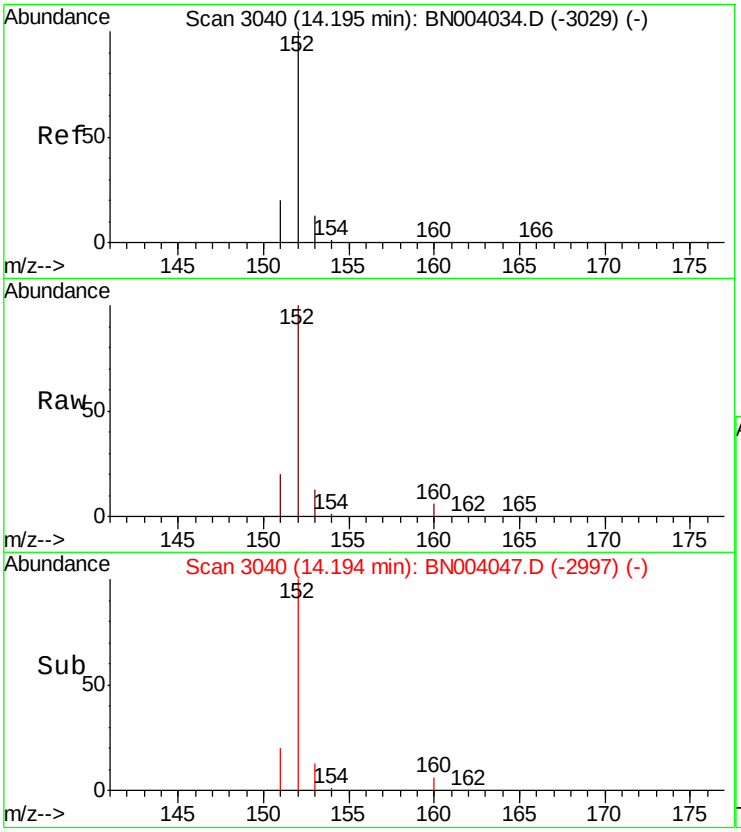


#5
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:142 Resp: 357

Ion	Ratio	Lower	Upper
142	100		
141	93.8	71.5	107.3

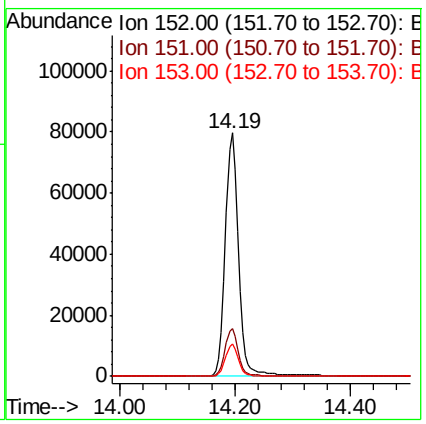




#7
Acenaphthylene
Concen: 5.426 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:152 Resp: 125318

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.1	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
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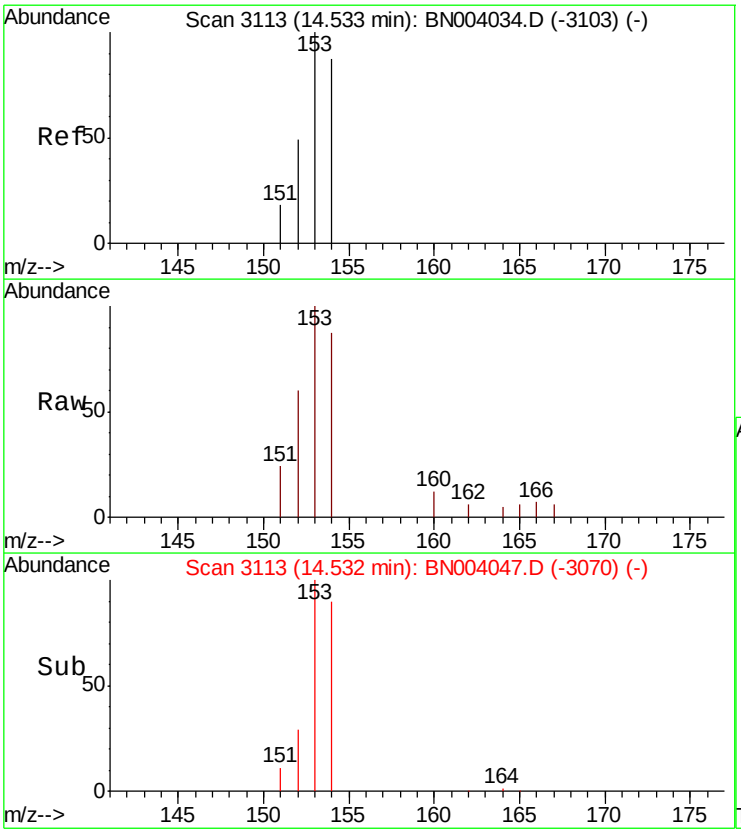
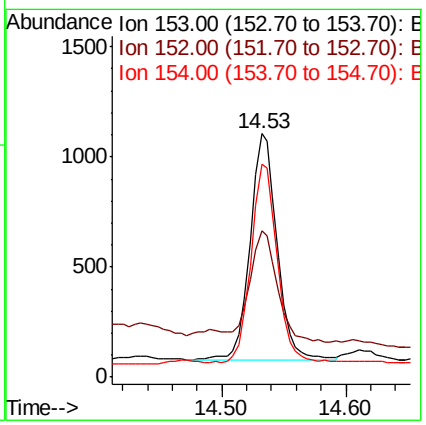
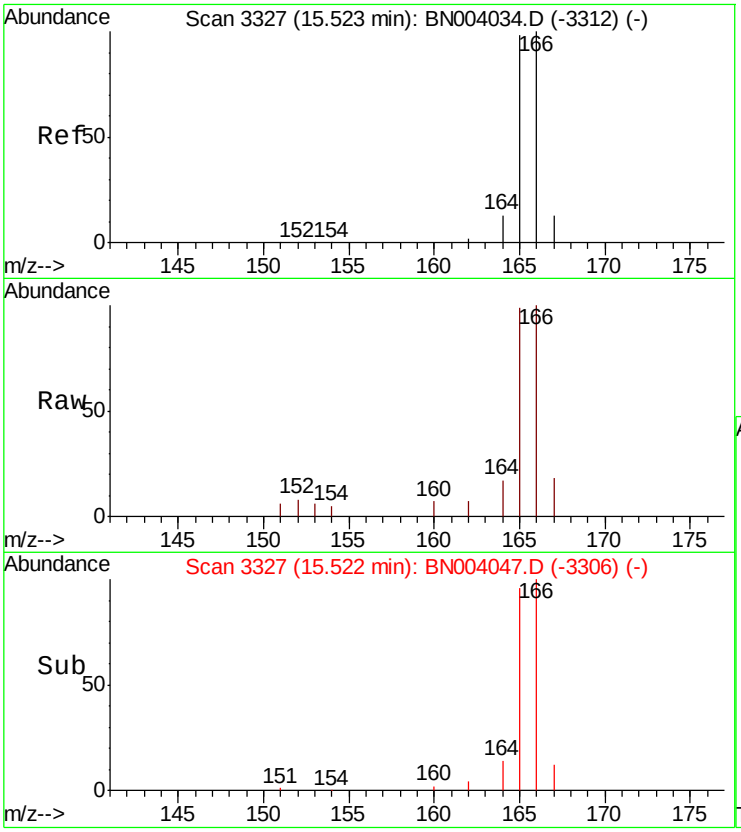


#8
Acenaphthene
Concen: 0.078 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:153 Resp: 1581

Ion	Ratio	Lower	Upper
153	100		
152	60.1	39.3	58.9#
154	87.3	70.3	105.5





#9
Fluorene
Concen: 0.105 ng/ul
RT: 15.52 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:166 Resp: 2469

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.3	117.5
167	18.3	11.3	16.9#

Instrument :
BNA_N
ClientSampleId :
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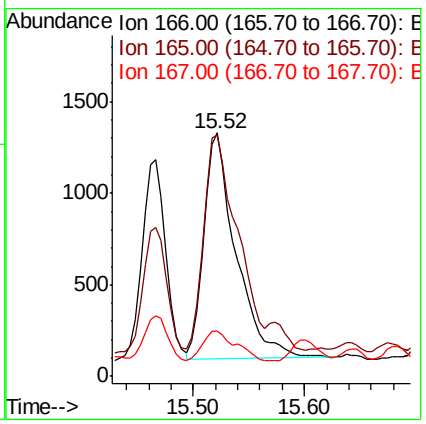
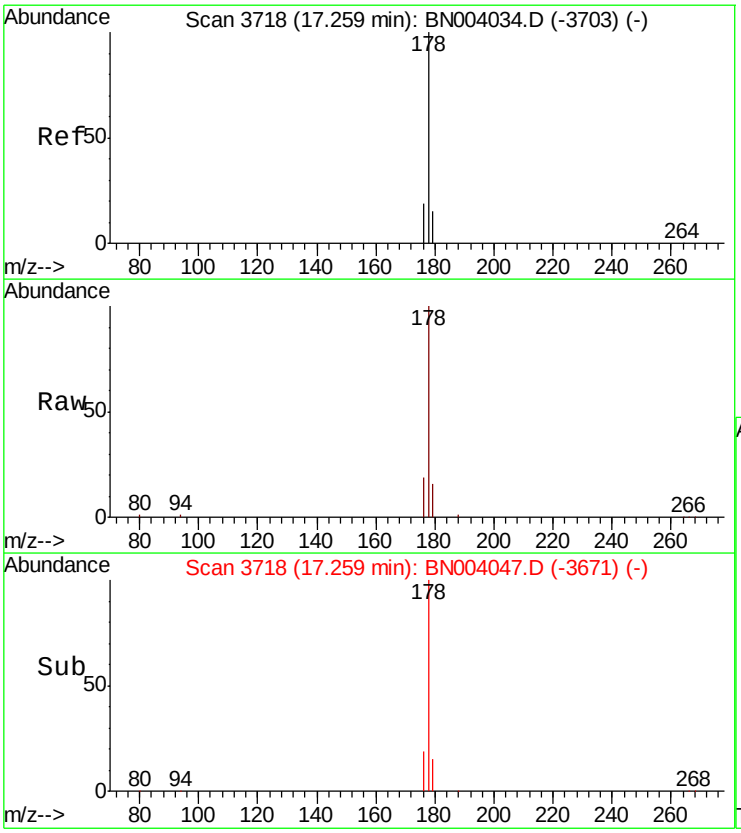
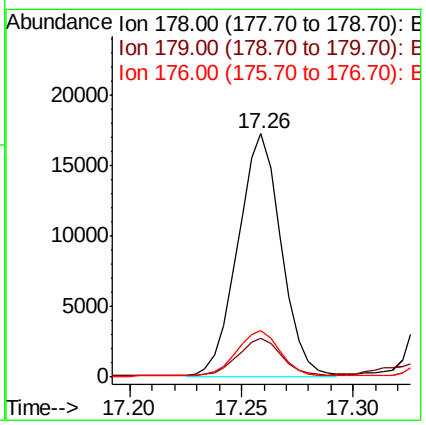


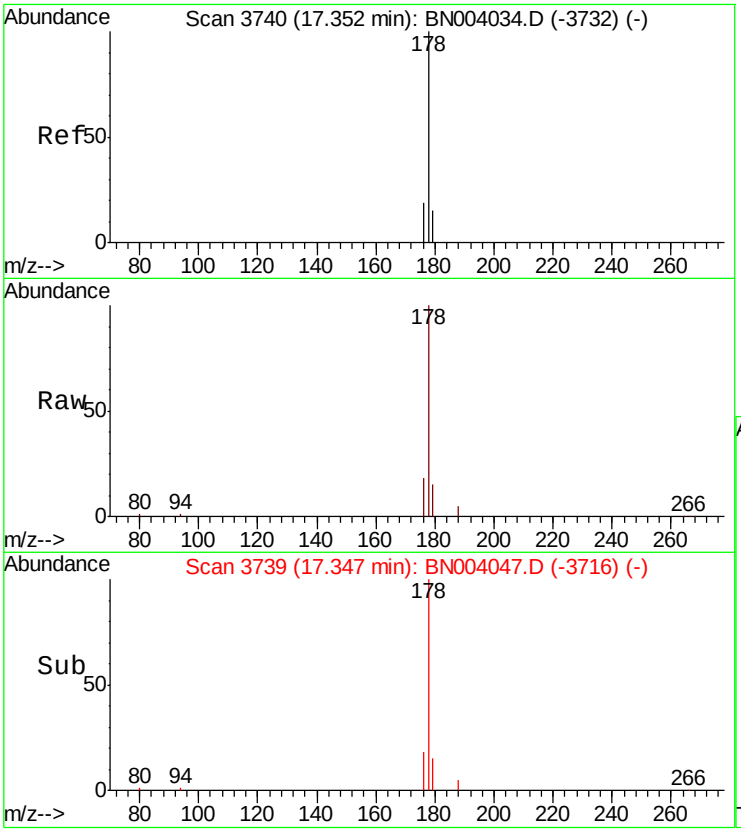


#12
Phenanthrene
Concen: 0.532 ng/ul m
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:178 Resp: 23549

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	19.1	15.0	22.4

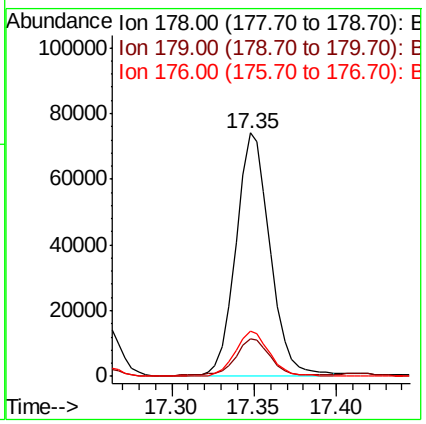




#13
Anthracene
Concen: 2.927 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:178 Resp: 106379

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.4	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
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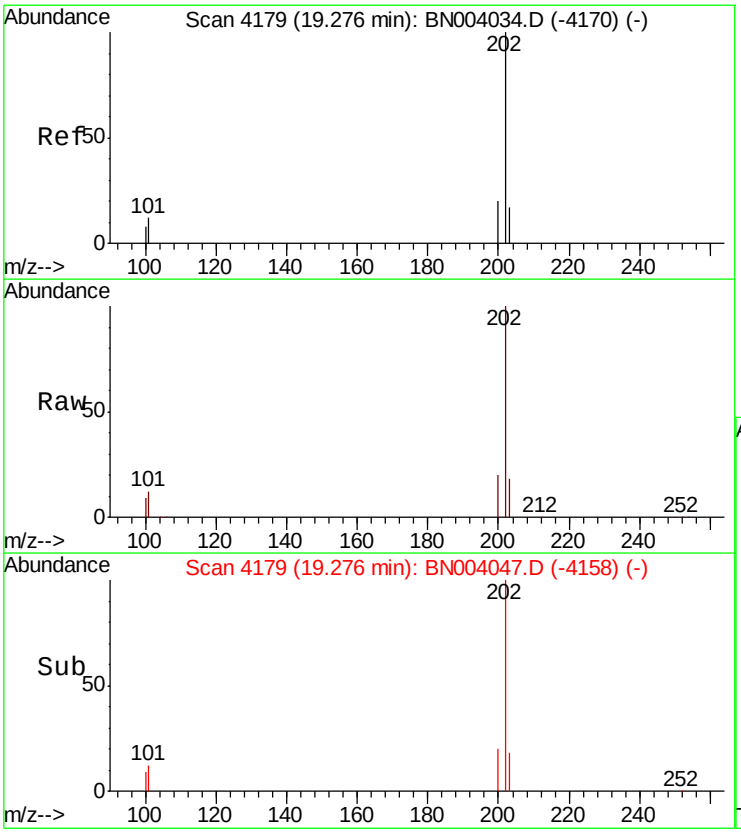
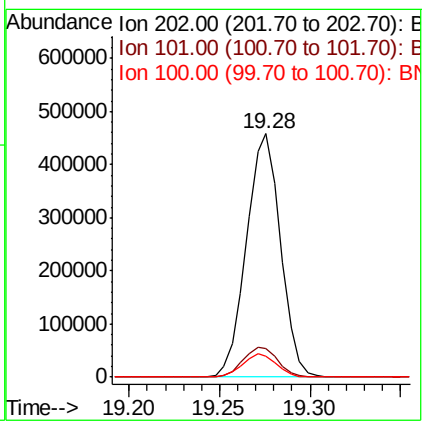
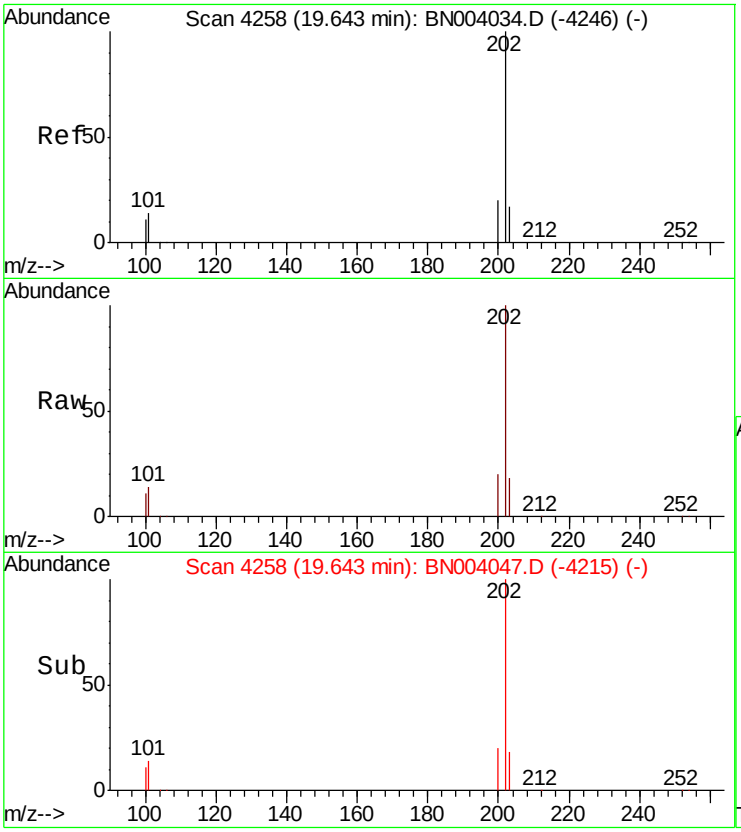


#15
Fluoranthene
Concen: 11.466 ng/ul m
RT: 19.28 min Scan# 4179
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:202 Resp: 598836

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.7
100	8.8	0.0	28.1

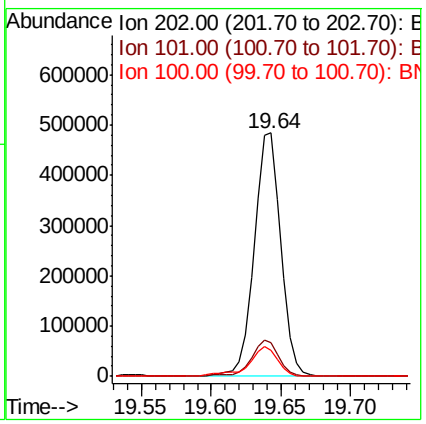




#17
Pyrene
Concen: 12.224 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:202 Resp: 646215

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.3	15.5
100	10.7	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9E21

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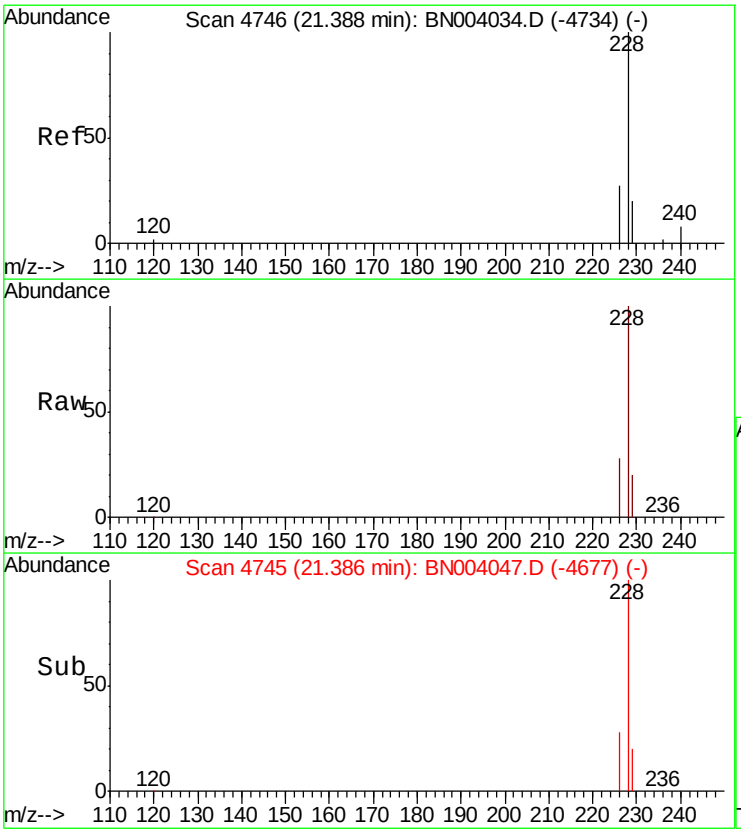
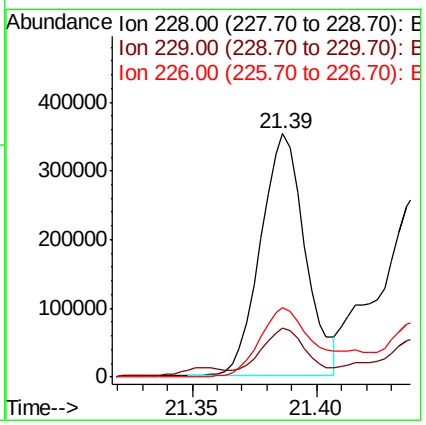
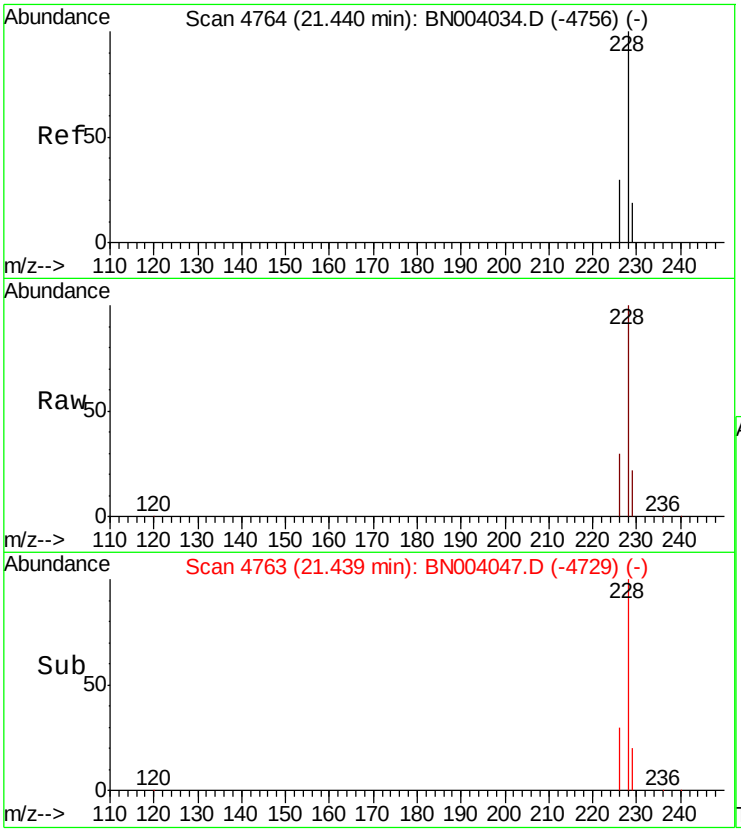


#18
Benzo(a)anthracene
Concen: 9.488 ng/ul m
RT: 21.39 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:228 Resp: 441716

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	28.5	21.1	31.7

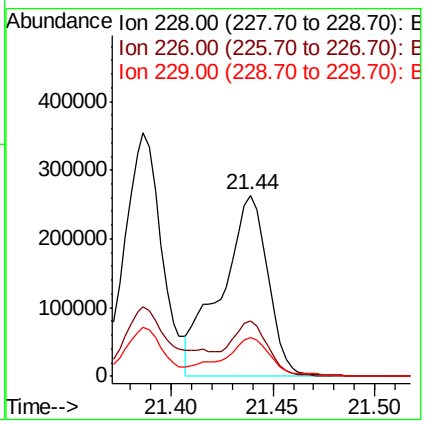




#19
Chrysene
Concen: 7.859 ng/ul m
RT: 21.44 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:228 Resp: 418735

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	21.5	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
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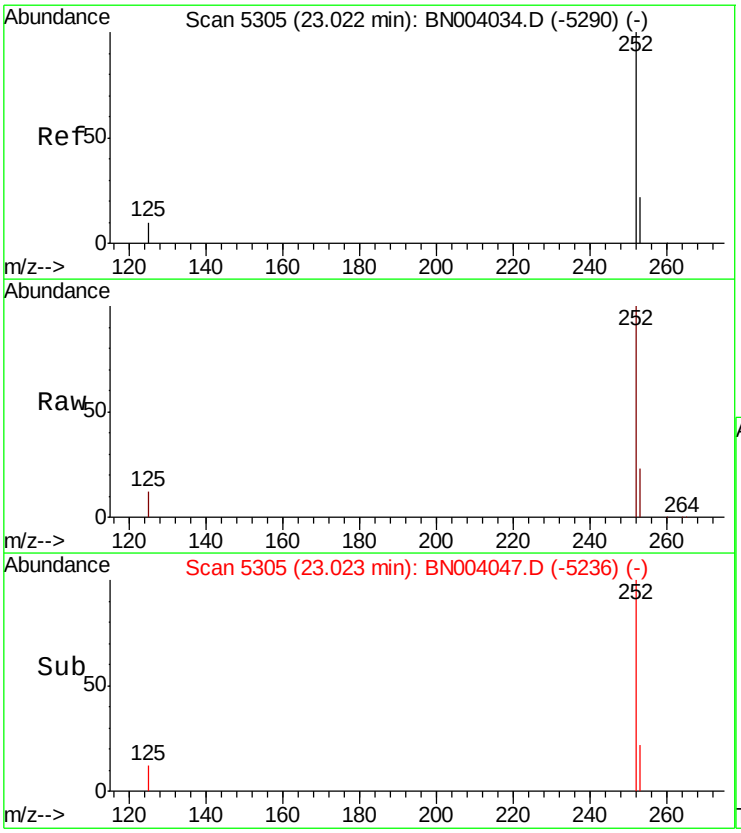
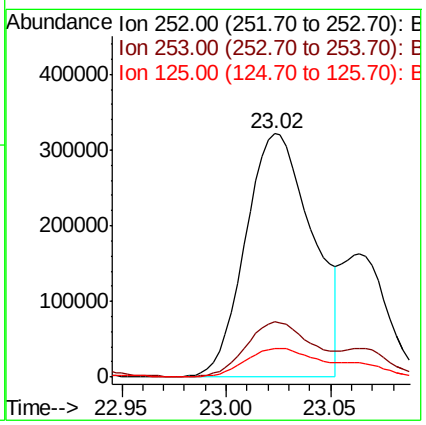
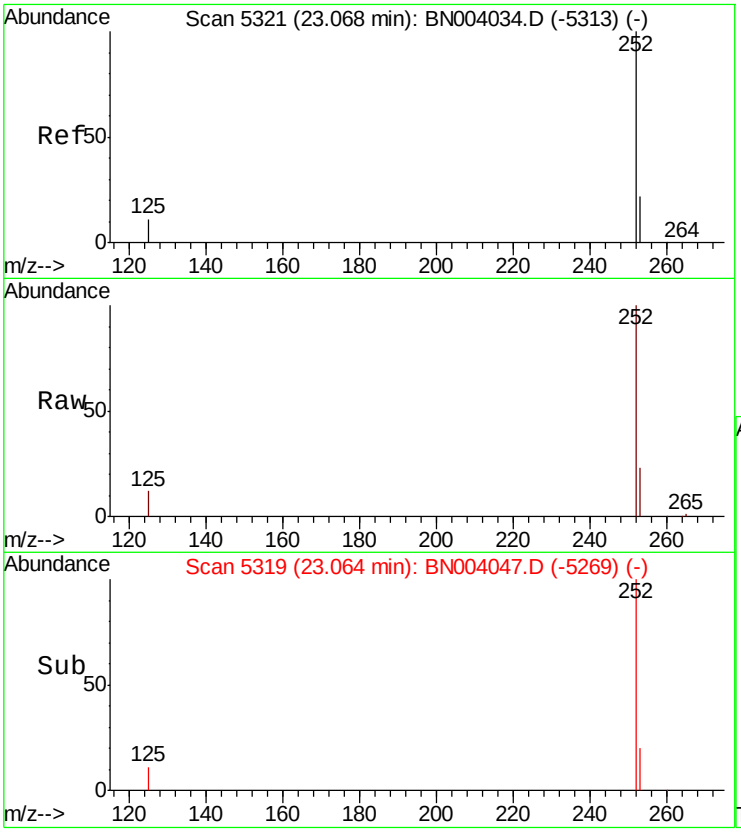


#21
Benzo(b)fluoranthene
Concen: 12.445 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. 0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:252 Resp: 720598

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	46.0
125	11.7	0.0	22.4

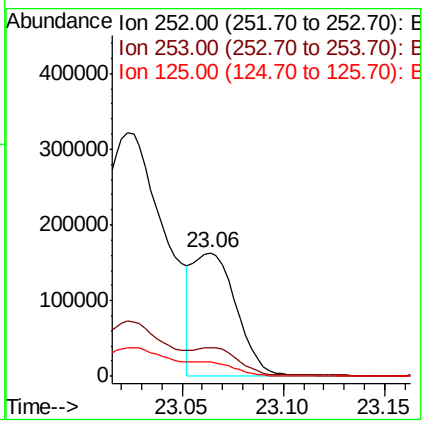




#22
Benzo(k)fluoranthene
Concen: 4.346 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:252 Resp: 245194

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.5	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
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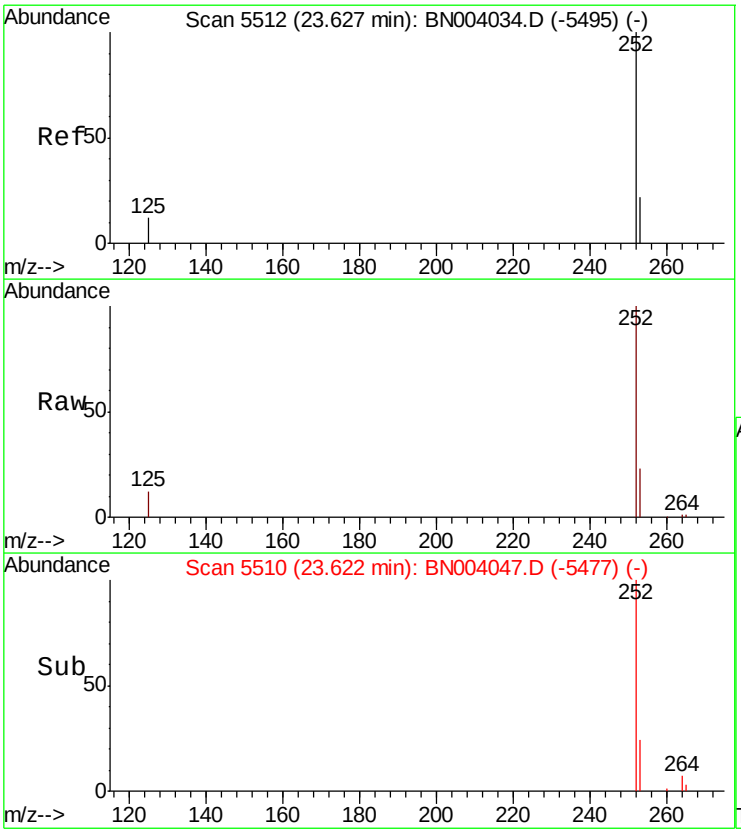
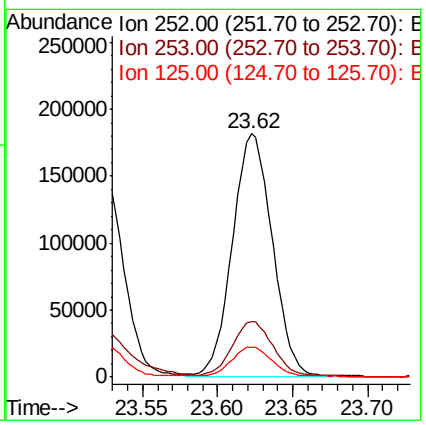
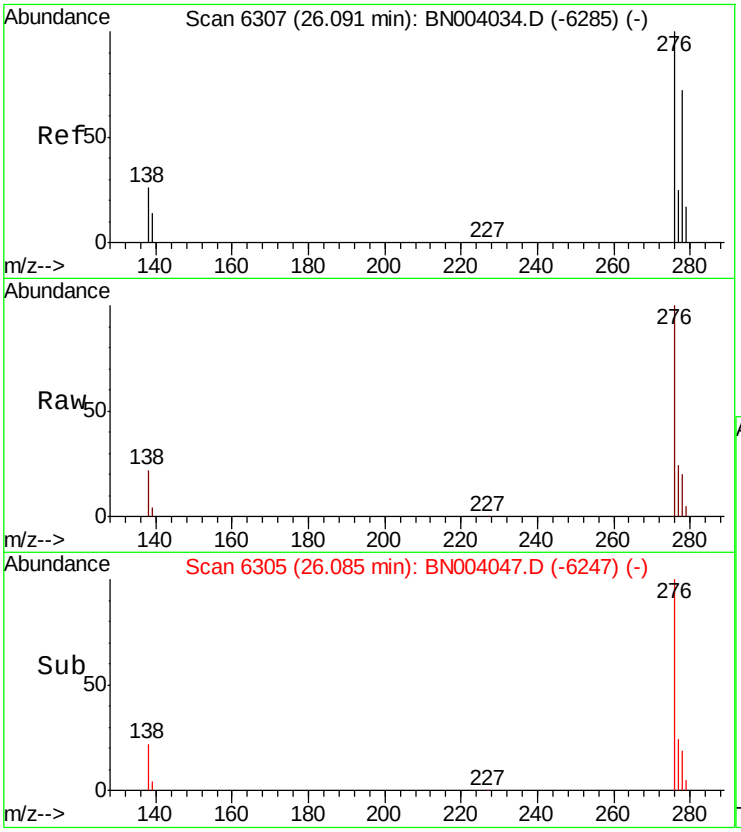


#23
Benzo(a)pyrene
Concen: 6.702 ng/ul m
RT: 23.62 min Scan# 5510
Delta R.T. -0.00 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:252 Resp: 336056

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.0	28.4
125	12.5	10.2	15.4

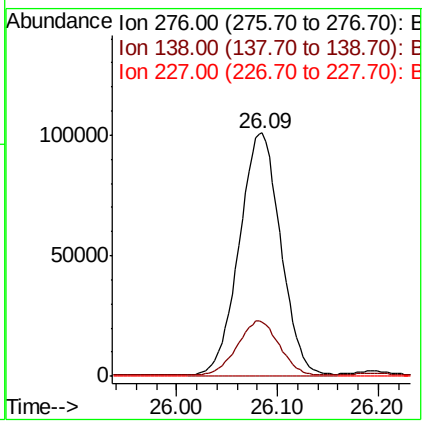




#24
Indeno(1,2,3-cd)pyrene
Concen: 5.003 ng/ul m
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:276 Resp: 287648

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.3	30.5
227	0.2	0.2	0.2



Instrument :
BNA_N
ClientSampleId :
F9E21

Manual Integrations APPROVED
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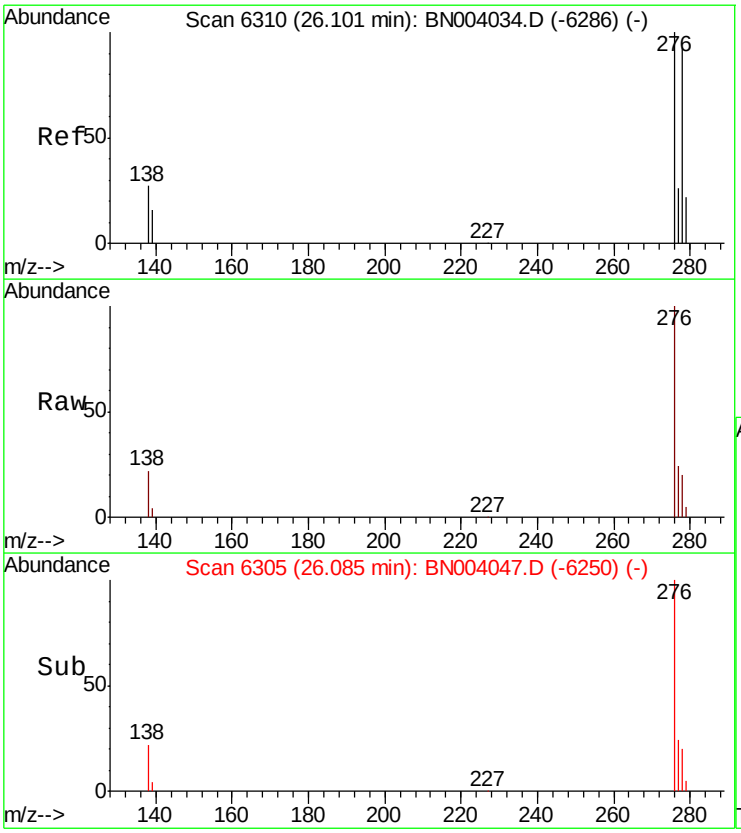
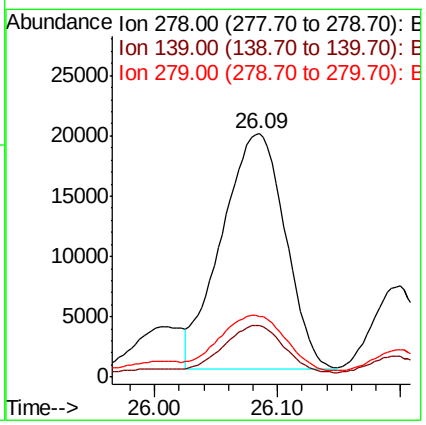
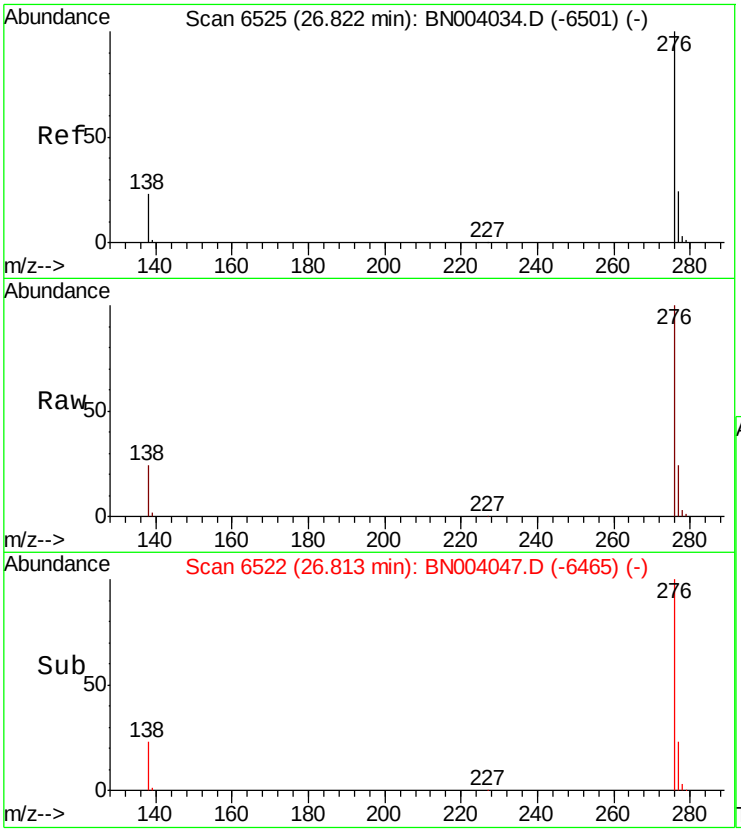


#25
Dibenzo(a,h)anthracene
Concen: 1.515 ng/ul m
RT: 26.09 min Scan# 6305
Delta R.T. -0.02 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:278 Resp: 70114

Ion	Ratio	Lower	Upper
278	100		
139	21.3	14.2	21.4
279	25.1	19.8	29.6

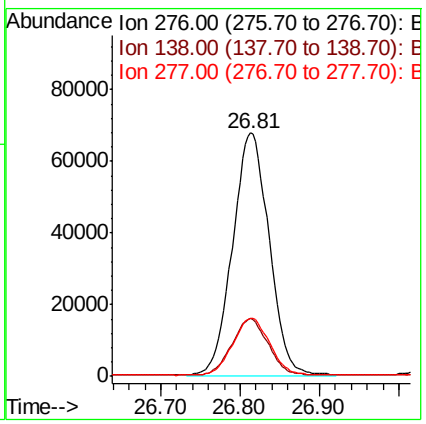




#26
Benzo(g,h,i)perylene
Concen: 4.344 ng/ul m
RT: 26.81 min Scan# 6522
Delta R.T. -0.01 min
Lab File: BN004047.D
Acq: 17 Dec 2018 21:56

Tgt Ion:276 Resp: 217083

Ion	Ratio	Lower	Upper
276	100		
138	23.6	17.7	26.5
277	23.9	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
F9E21

Manual Integrations APPROVED
Sohil
12/18/2018 5:56:23 PM