Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004071.D
Acq On : 18 Dec 2018 12:01
Operator : JU/SJ
Sample : J6236-11DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E21DL

Manual Integrations APPROVED
Sohil
12/19/2018 4:15:53 PM

Quant Time: Dec 19 06:45:09 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	7.84	152	1604	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7925	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4814	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	11981	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12983	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13179	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	480	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1480	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	24372	1.124	ng/ul	100
8) Acenaphthene	14.53	153	385	0.020	ng/ul#	91
9) Fluorene	15.52	166	543	0.025	ng/ul#	92
12) Phenanthrene	17.26	178	4850	0.123	ng/ul	97
13) Anthracene	17.35	178	18532	0.573	ng/ul	99
15) Fluoranthene	19.27	202	125672	2.706	ng/ul	95
17) Pyrene	19.64	202	137137	2.945	ng/ul	97
18) Benzo(a)anthracene	21.39	228	87040	2.123	ng/ul	97
19) Chrysene	21.44	228	85069	1.813	ng/ul	98
21) Benzo(b)fluoranthene	23.02	252	147705m	2.709	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	53351m	1.005	ng/ul	
23) Benzo(a)pyrene	23.62	252	66996	1.419	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.08	276	57715	1.066	ng/ul	95
25) Dibenzo(a,h)anthracene	26.09	278	14685m	0.337	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	43762	0.930	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
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Acq On : 18 Dec 2018 12:01
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Sample : J6236-11DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 19 06:45:09 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

Instrument :
BNA_N
ClientSampleId :
F9E21DL

Manual Integrations APPROVED
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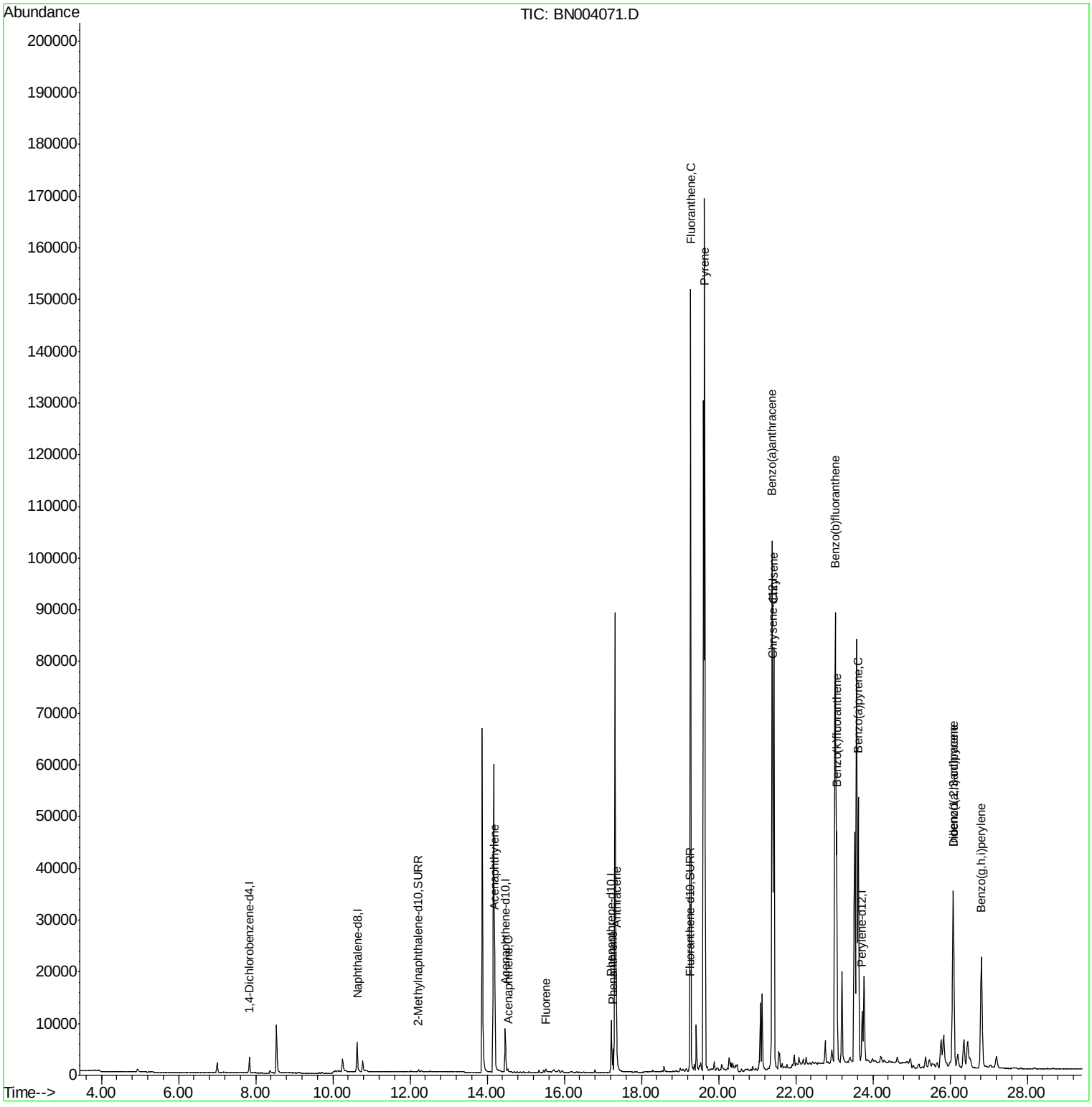
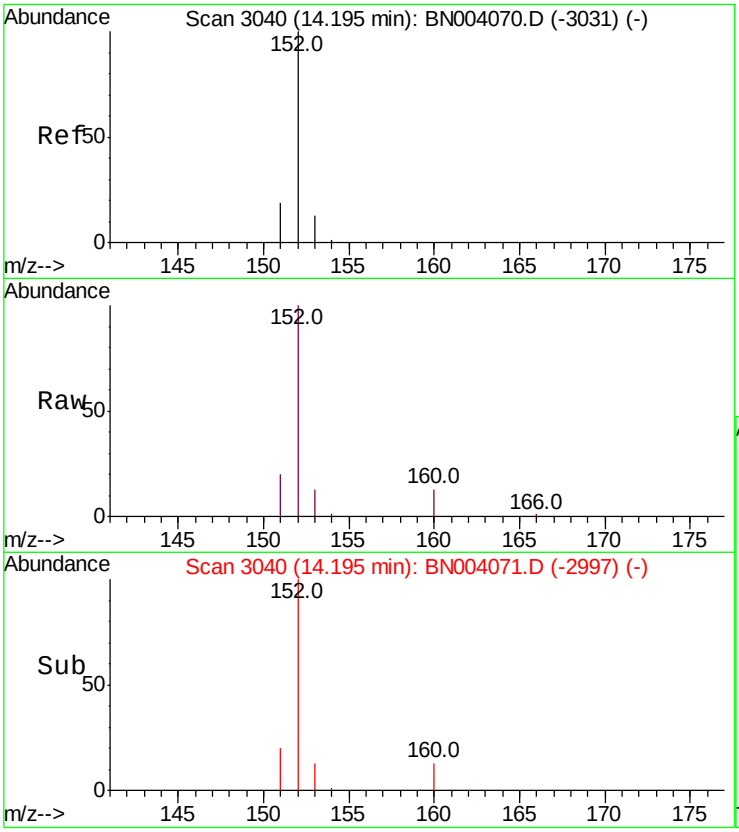
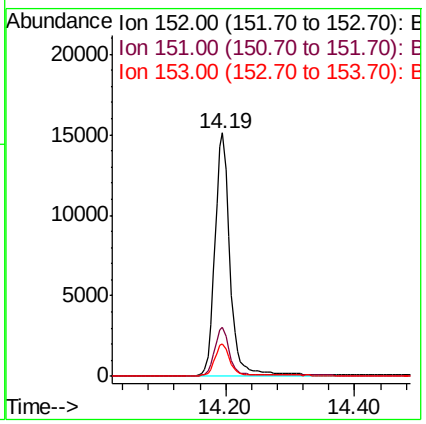




#7
Acenaphthylene
Concen: 1.124 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:152 Resp: 24372

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
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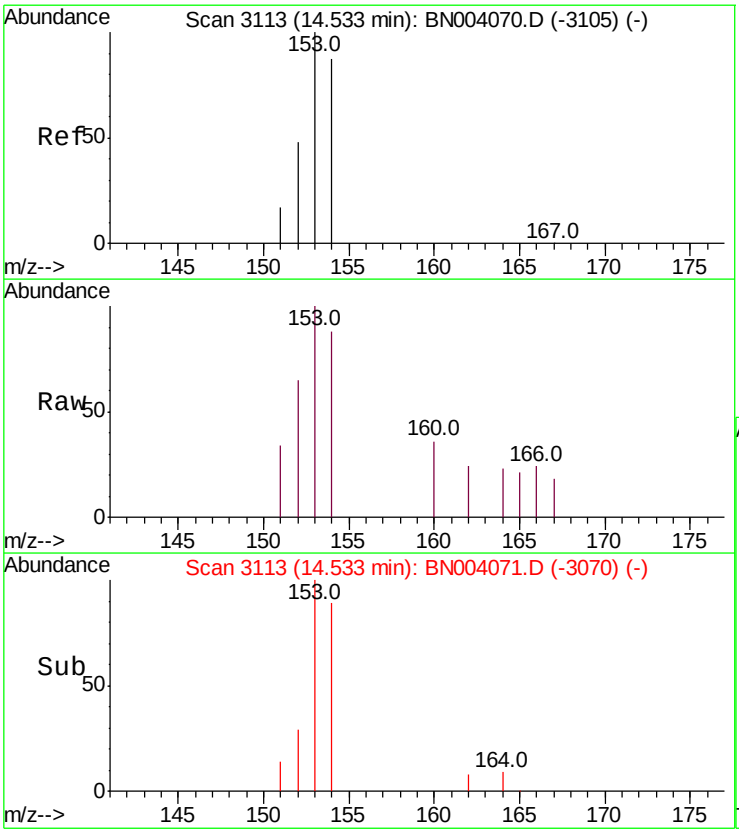
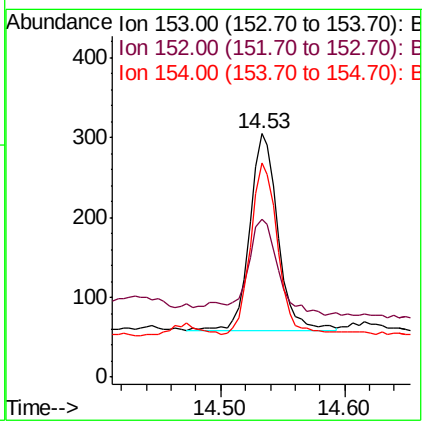
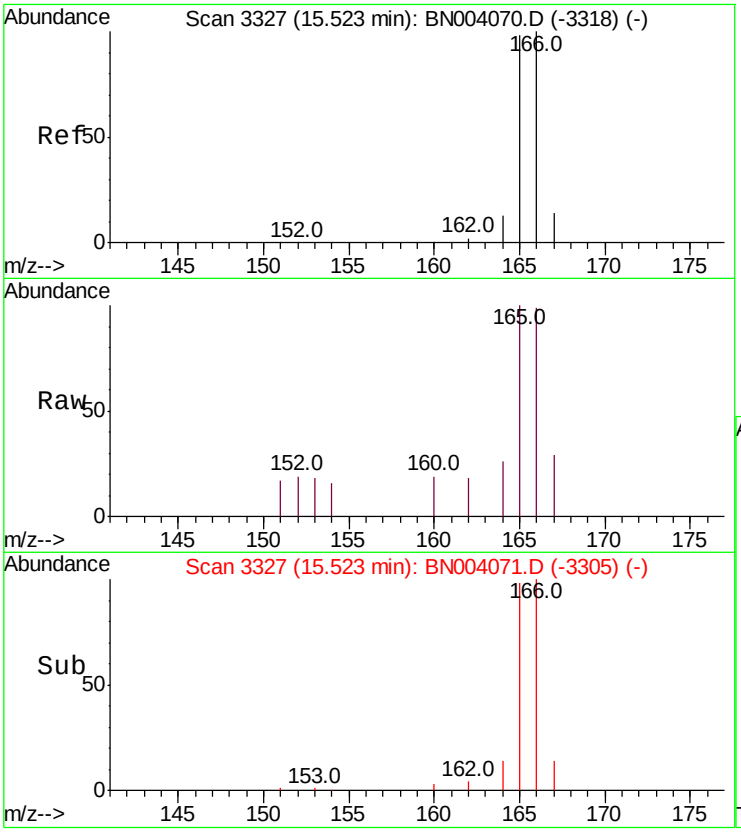


#8
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:153 Resp: 385

Ion	Ratio	Lower	Upper
153	100		
152	64.9	39.3	58.9#
154	88.2	70.3	105.5





#9
Fluorene
Concen: 0.025 ng/ul
RT: 15.52 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:166 Resp: 543

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.3	117.5
167	29.0	11.3	16.9#

Instrument :
BNA_N
ClientSampleId :
F9E21DL

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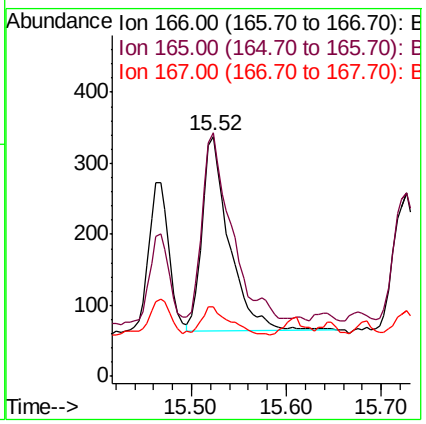
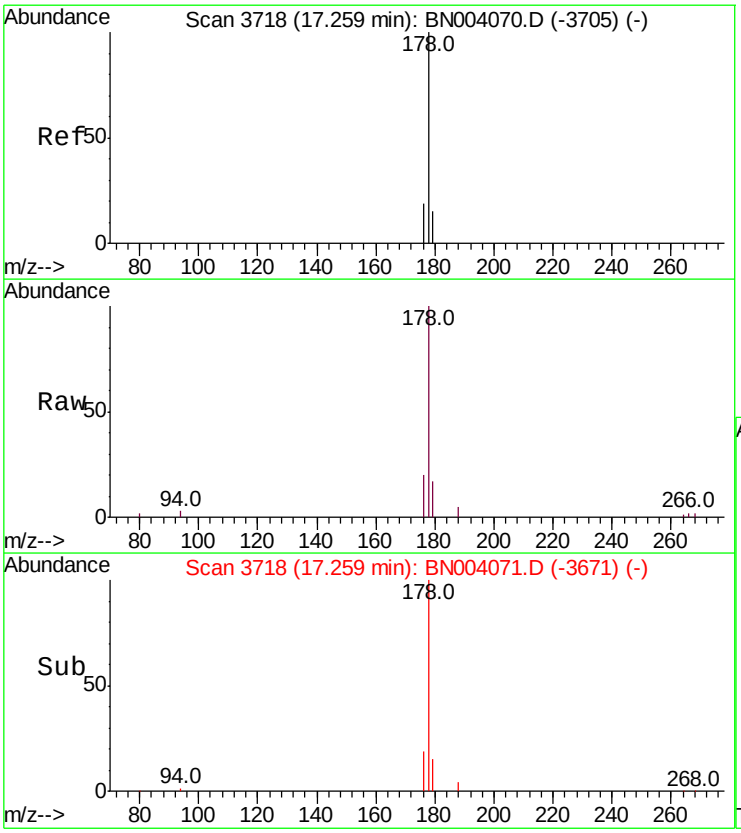
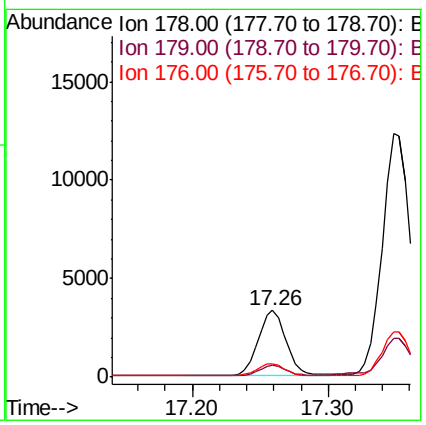


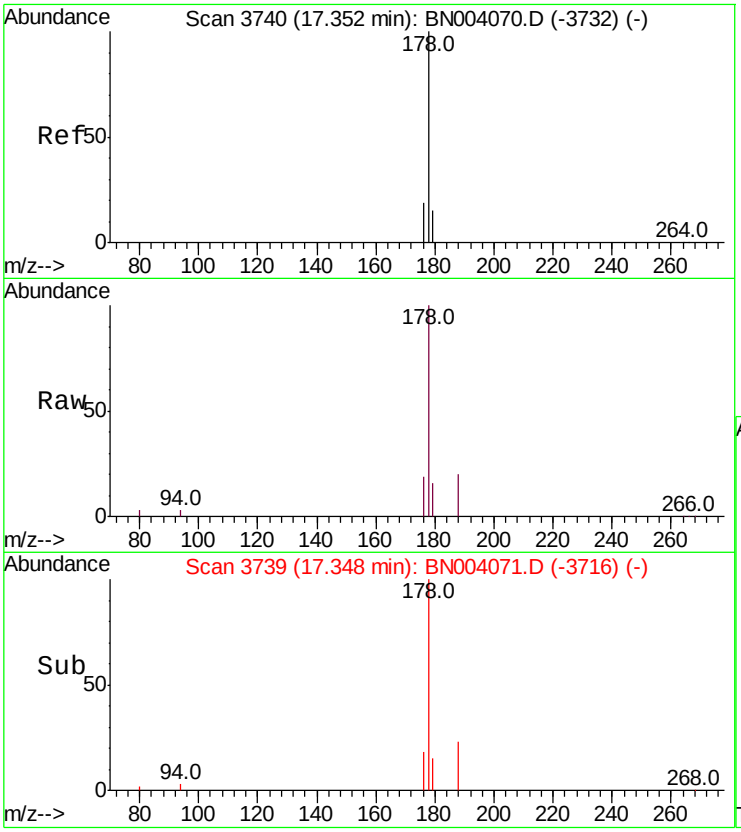


#12
Phenanthrene
Concen: 0.123 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:178 Resp: 4850

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.5	18.7
176	20.0	15.0	22.4

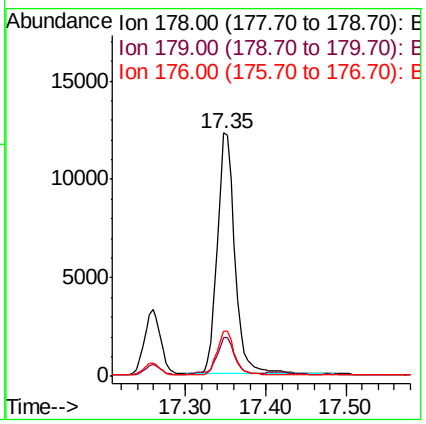




#13
Anthracene
Concen: 0.573 ng/ul
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:178 Resp: 18532

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.7	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9E21DL

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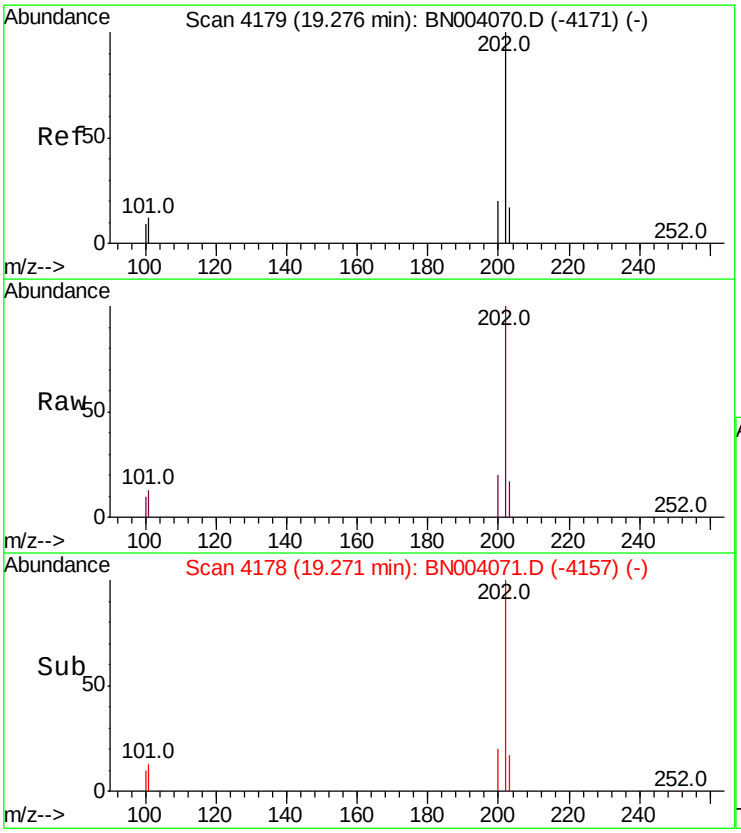
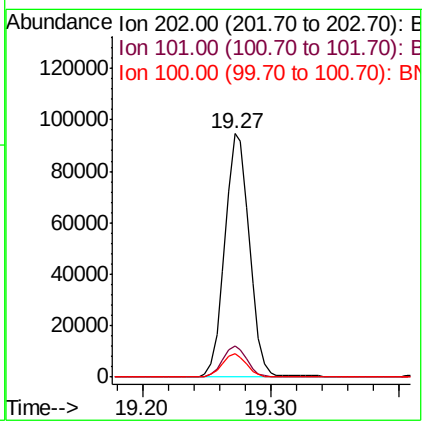
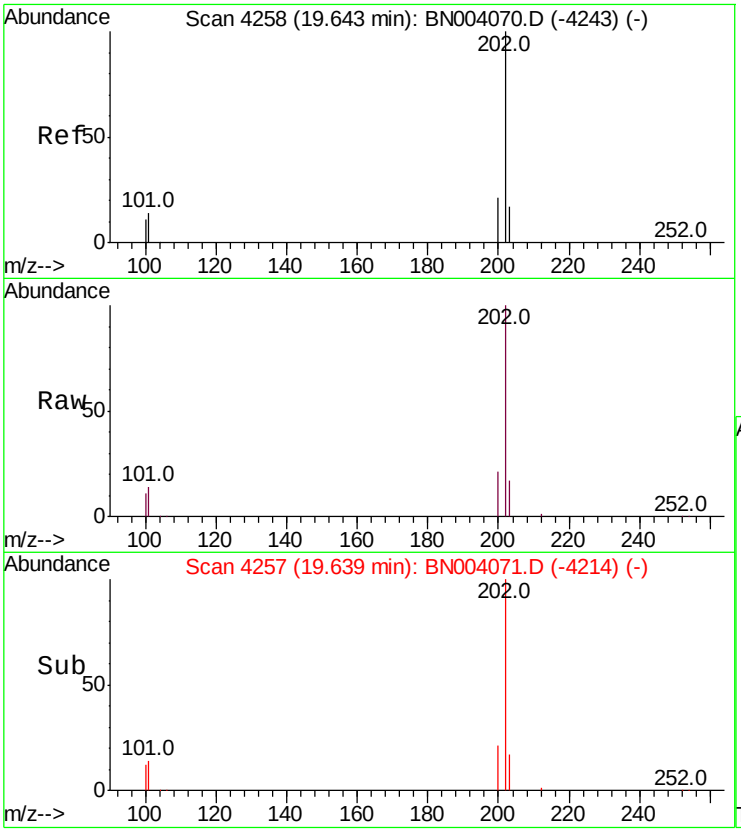


#15
Fluoranthene
Concen: 2.706 ng/ul
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:202 Resp: 125672

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.7
100	9.6	0.0	28.1

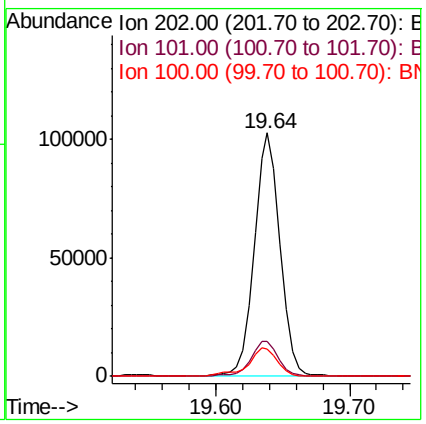




#17
Pyrene
Concen: 2.945 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:202 Resp: 137137

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.5	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9E21DL

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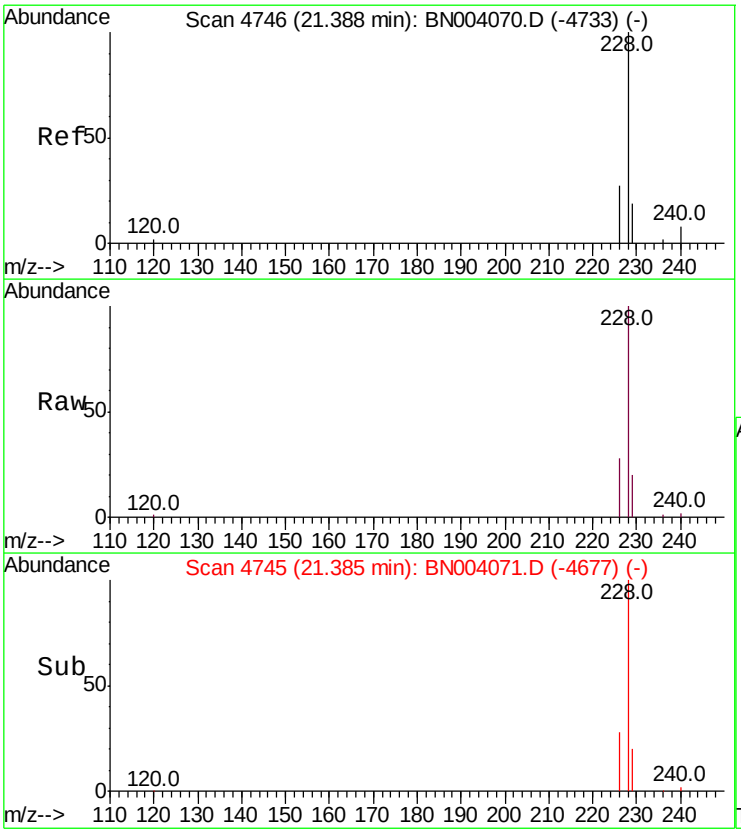
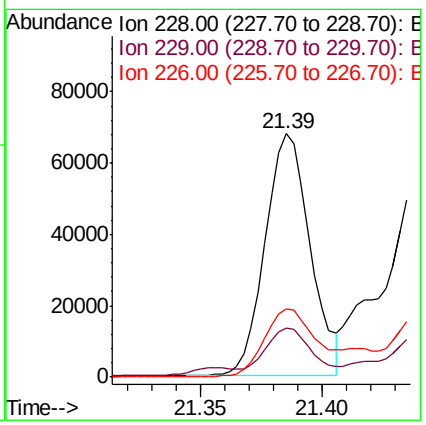
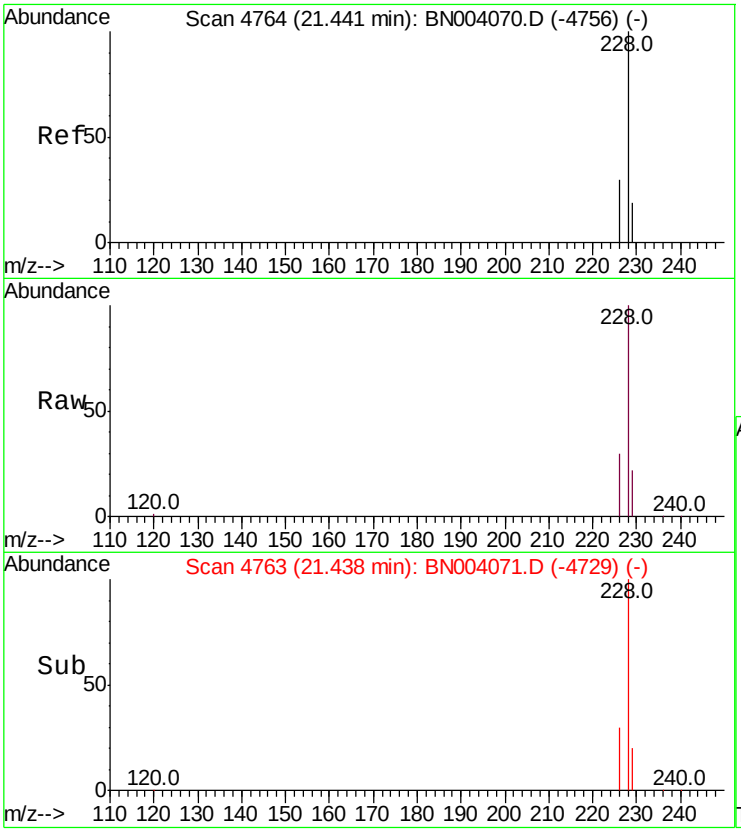


#18
Benzo(a)anthracene
Concen: 2.123 ng/ul
RT: 21.39 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:228 Resp: 87040

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	28.3	21.1	31.7

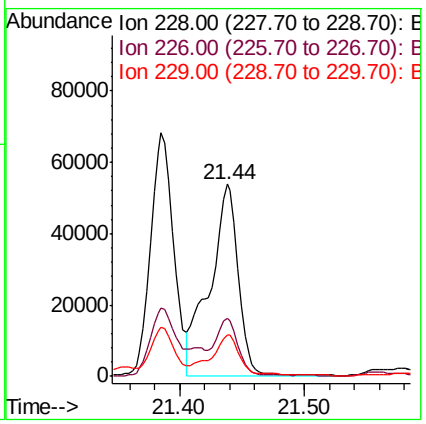




#19
Chrysene
Concen: 1.813 ng/ul
RT: 21.44 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:228 Resp: 85069

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.5	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9E21DL

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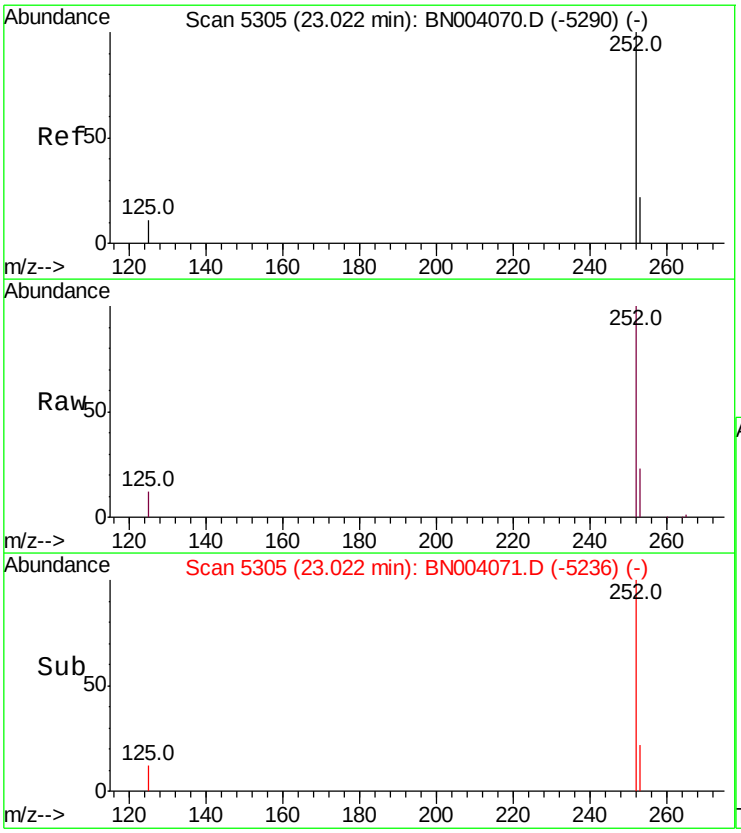
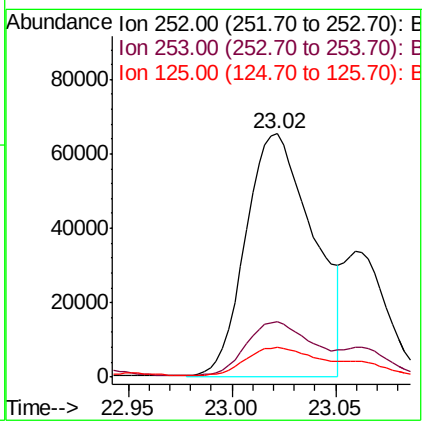
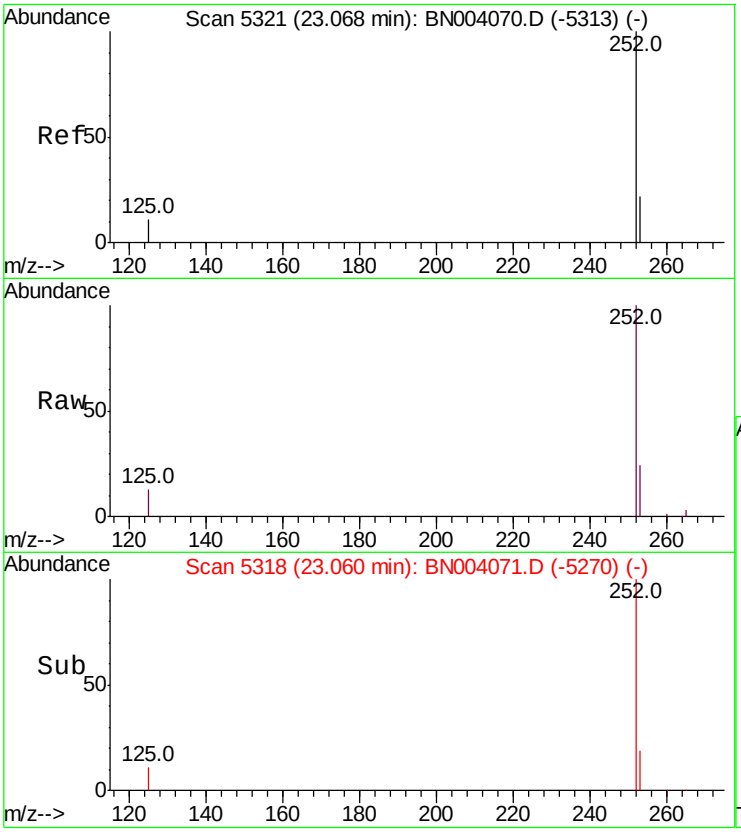


#21
Benzo(b)fluoranthene
Concen: 2.709 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. 0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:252 Resp: 147705

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	46.0
125	12.2	0.0	22.4

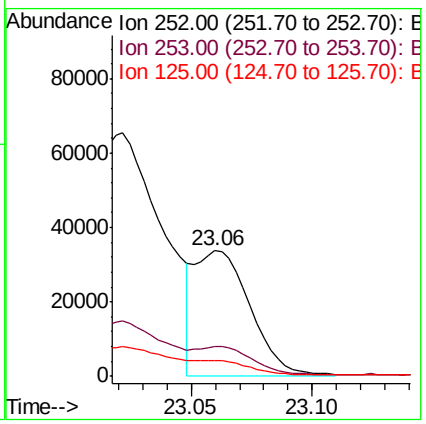




#22
Benzo(k)fluoranthene
Concen: 1.005 ng/ul m
RT: 23.06 min Scan# 5318
Delta R.T. -0.01 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:252 Resp: 53351

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	12.6	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
F9E21DL

Manual Integrations APPROVED
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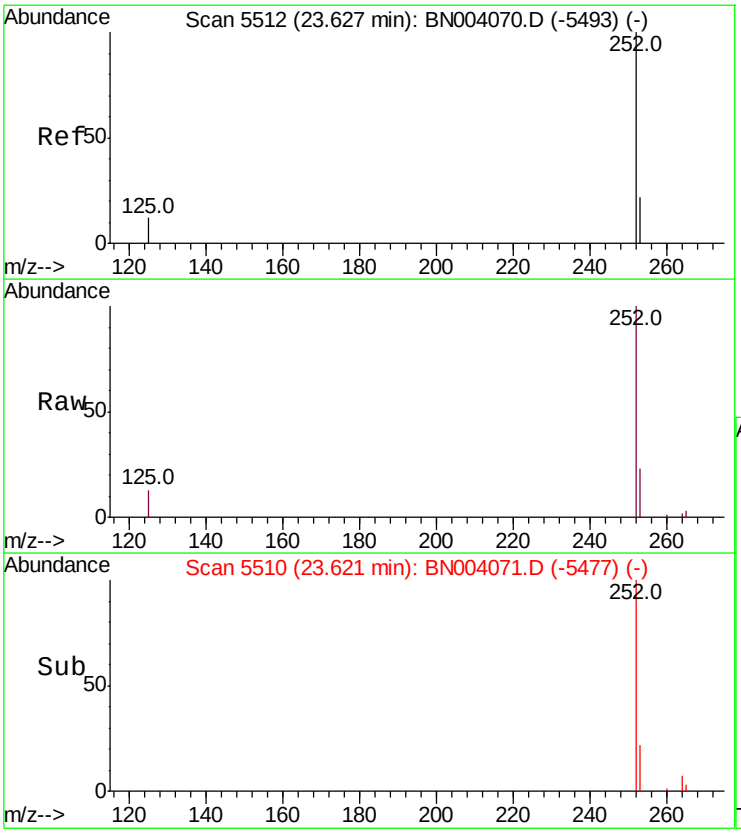
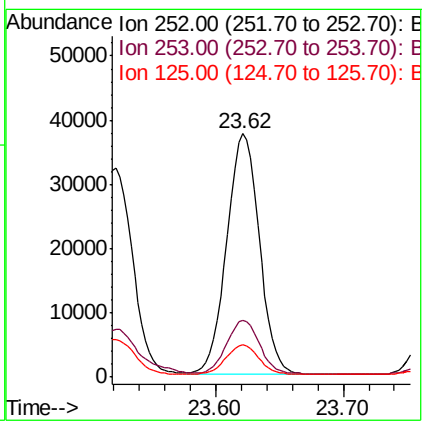
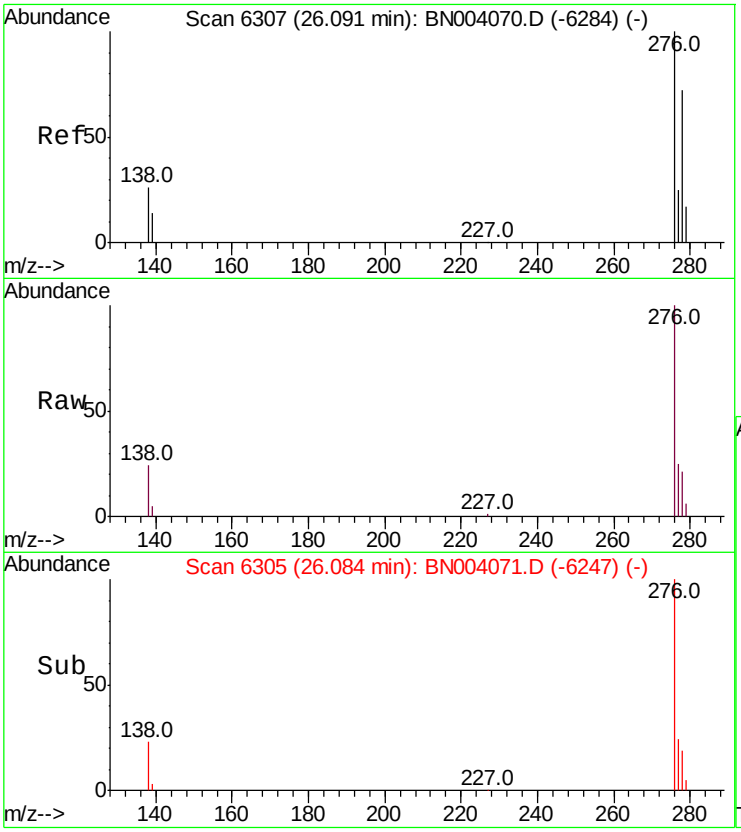


#23
Benzo(a)pyrene
Concen: 1.419 ng/ul
RT: 23.62 min Scan# 5510
Delta R.T. -0.00 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:252 Resp: 66996

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.4
125	13.2	10.2	15.4





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.066 ng/ul
RT: 26.08 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:276 Resp: 57715

Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.3	30.5
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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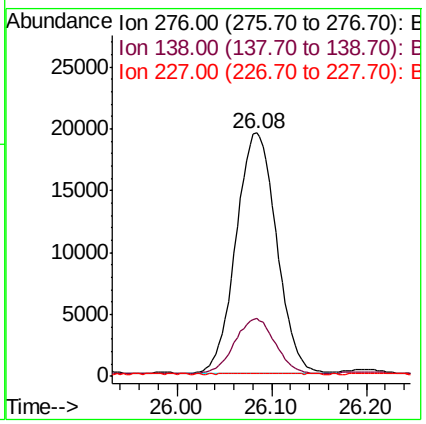
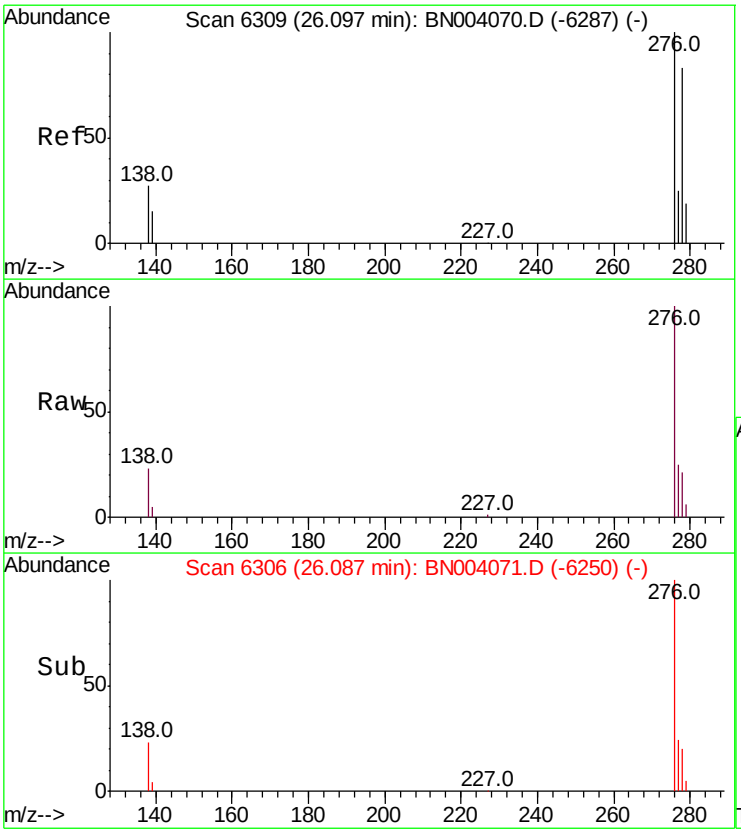
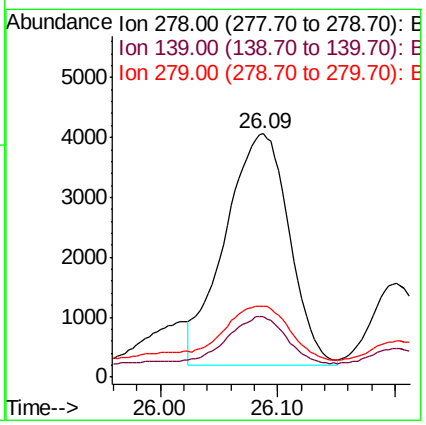


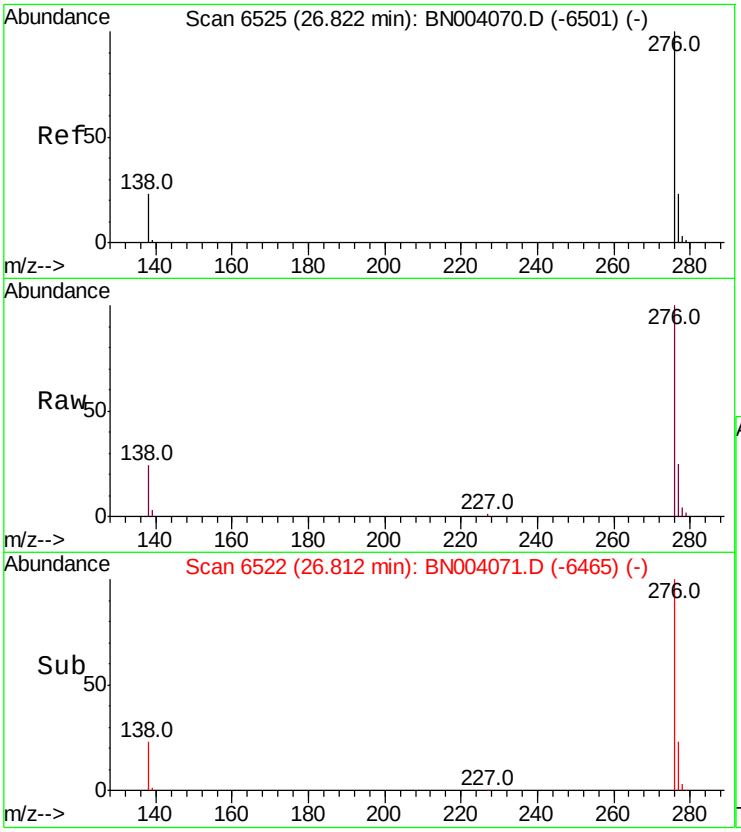


#25
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul m
RT: 26.09 min Scan# 6306
Delta R.T. -0.01 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:278 Resp: 14685

Ion	Ratio	Lower	Upper
278	100		
139	25.0	14.2	21.4#
279	29.2	19.8	29.6

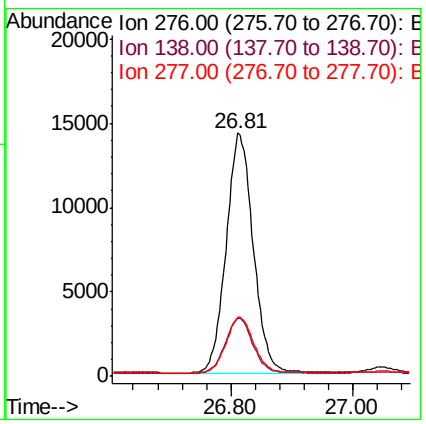




#26
Benzo(g,h,i)perylene
Concen: 0.930 ng/ul
RT: 26.81 min Scan# 6522
Delta R.T. -0.01 min
Lab File: BN004071.D
Acq: 18 Dec 2018 12:01

Tgt Ion:276 Resp: 43762

Ion	Ratio	Lower	Upper
276	100		
138	24.0	17.7	26.5
277	24.6	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
F9E21DL

Manual Integrations APPROVED
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