Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
Data File : BN003837.D
Acq On : 12 Dec 2018 04:22
Operator : JU/SJ
Sample : J6171-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9Y09

Manual Integrations APPROVED
Sohil
12/12/2018 5:51:02 PM

Quant Time: Dec 12 07:40:47 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 12 03:46:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	5472	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	21709	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	14259	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	19709m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13144m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	14156m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4422m	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9174m	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	14961	0.245	ng/ul#	33
5) 2-Methylnaphthalene	12.29	142	102827	2.415	ng/ul	100
7) Acenaphthylene	14.19	152	11939	0.186	ng/ul#	1
8) Acenaphthene	14.54	153	22459	0.399	ng/ul#	80
12) Phenanthrene	17.26	178	64377m	0.995	ng/ul	
15) Fluoranthene	19.27	202	19825m	0.260	ng/ul	
17) Pyrene	19.64	202	35188m	0.746	ng/ul	
18) Benzo(a)anthracene	21.38	228	8657m	0.209	ng/ul	
19) Chrysene	21.43	228	23514m	0.495	ng/ul	
26) Benzo(g,h,i)perylene	26.79	276	6362m	0.126	ng/ul	

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

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Manual Integrations APPROVED
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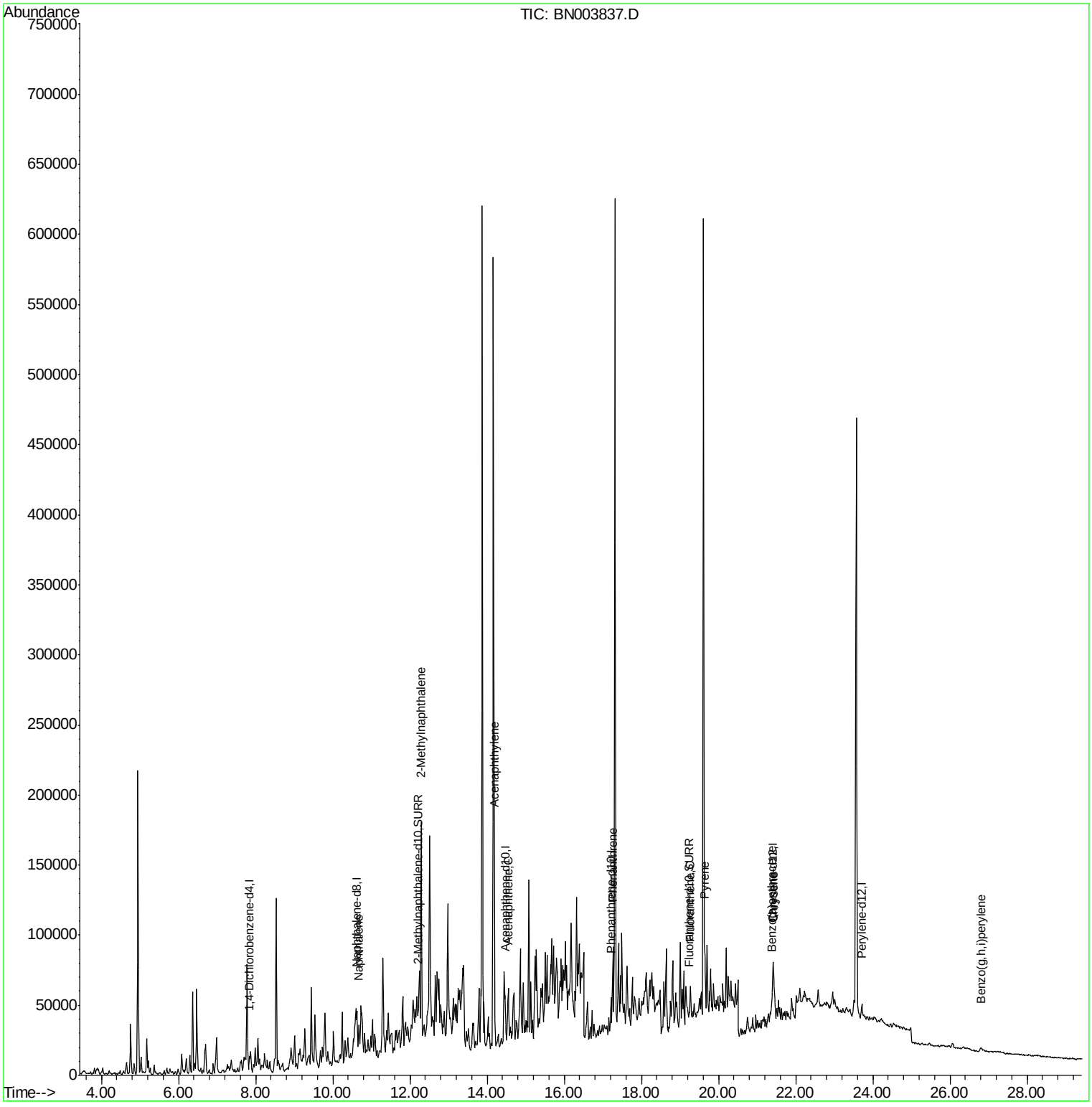

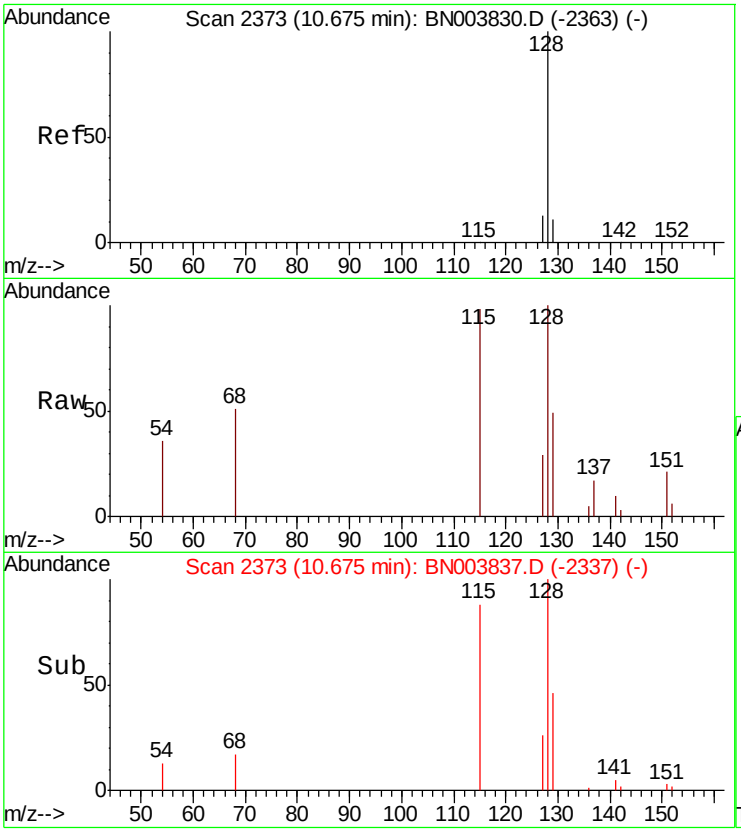

#3
Naphthalene
Concen: 0.245 ng/ul
RT: 10.68 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN003837.D
Acq: 12 Dec 2018 04:22

Tgt Ion:128 Resp: 14961

Ion	Ratio	Lower	Upper
128	100		
129	48.6	9.0	13.6#
127	29.1	10.5	15.7#

Instrument :
BNA_N
ClientSampleId :
F9Y09

Manual Integrations APPROVED
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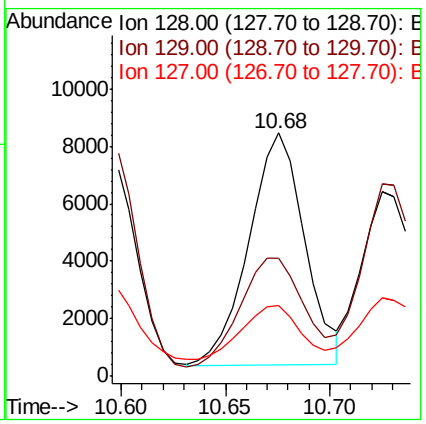
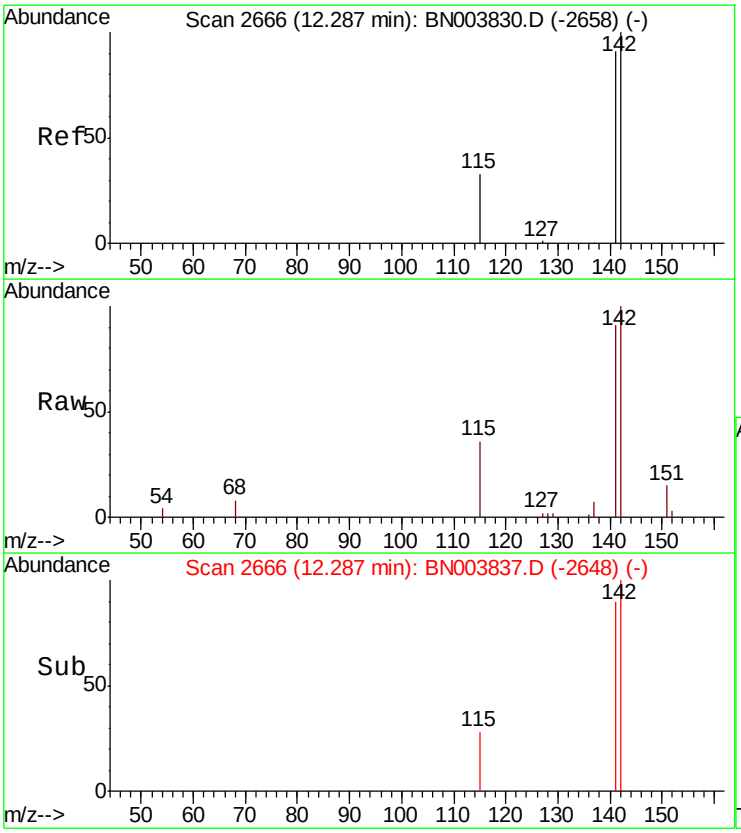
12/12/2018 5:51:02 PM

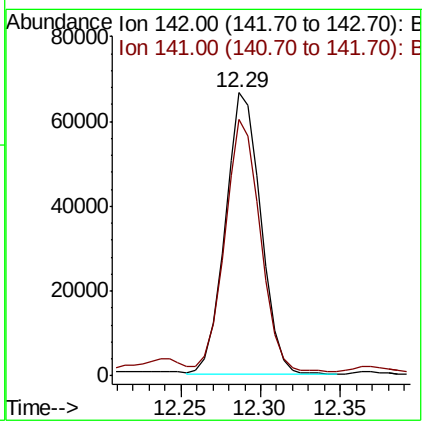


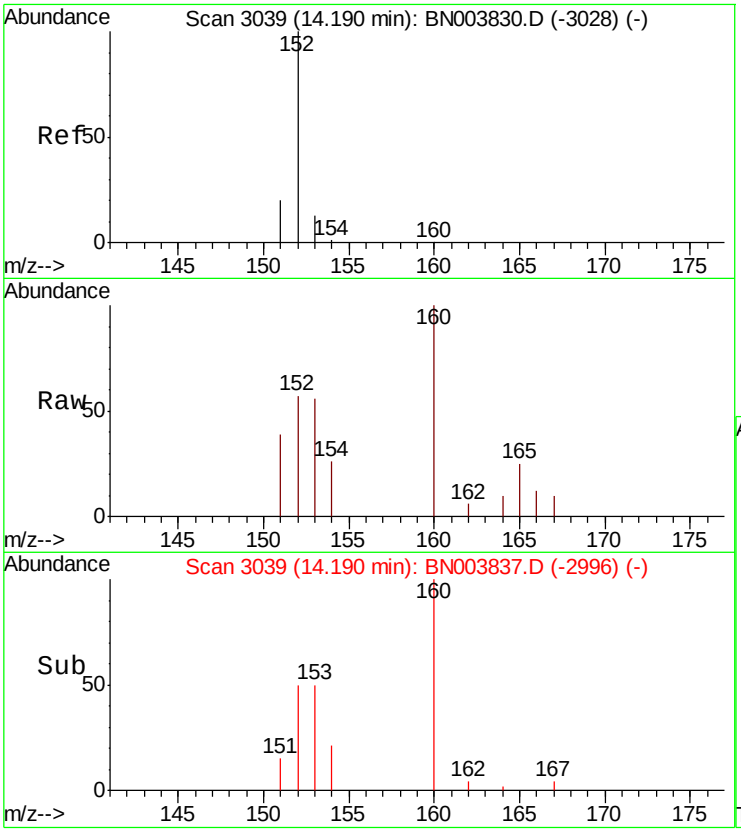


#5
2-Methylnaphthalene
Concen: 2.415 ng/ul
RT: 12.29 min Scan# 2666
Delta R.T. 0.00 min
Lab File: BN003837.D
Acq: 12 Dec 2018 04:22

Tgt Ion:142 Resp: 102827

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.5	107.3





#7
Acenaphthylene
Concen: 0.186 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BN003837.D
Acq: 12 Dec 2018 04:22

Tgt Ion:152 Resp: 11939

Ion	Ratio	Lower	Upper
152	100		
151	68.3	15.9	23.9#
153	97.7	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
F9Y09

Manual Integrations APPROVED
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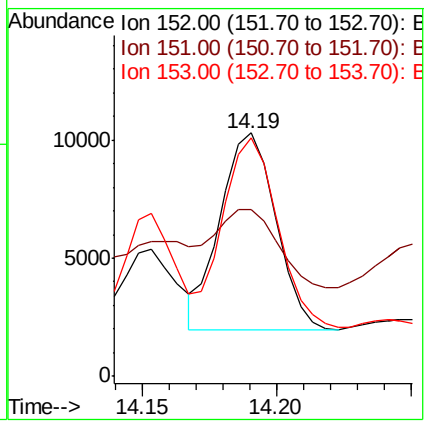
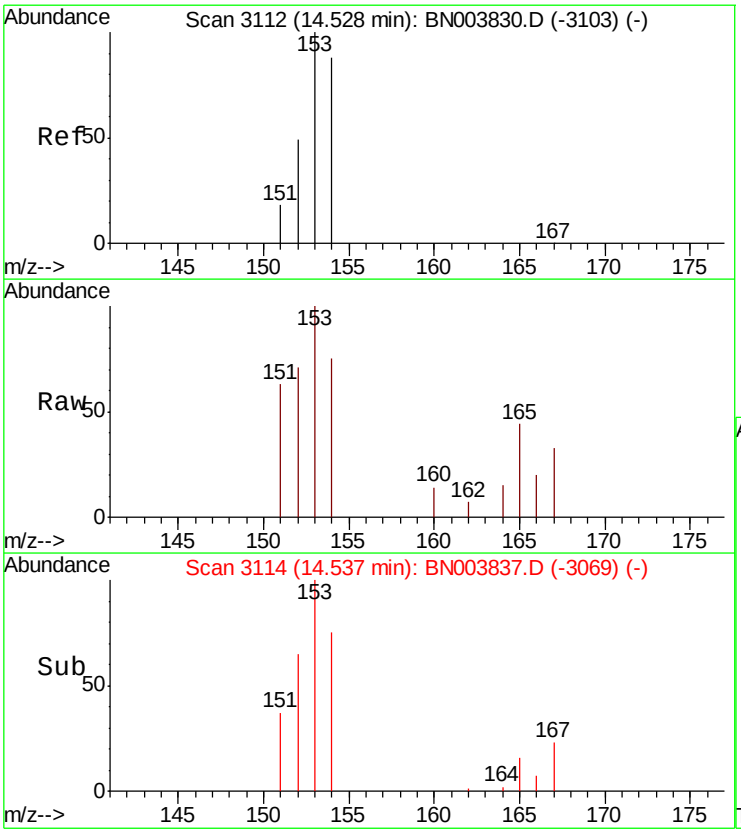
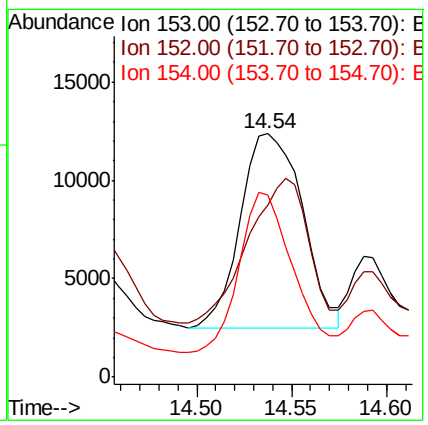


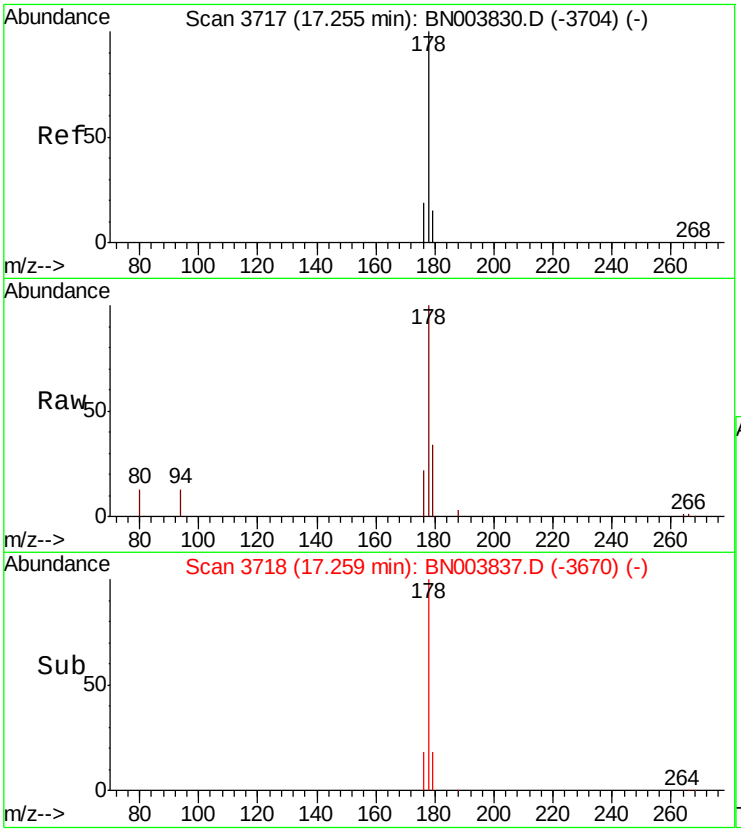


#8
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.54 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BN003837.D
Acq: 12 Dec 2018 04:22

Tgt Ion:153 Resp: 22459

Ion	Ratio	Lower	Upper
153	100		
152	70.8	39.3	58.9#
154	74.9	70.3	105.5





#12
Phenanthrene
Concen: 0.995 ng/ul m
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN003837.D
Acq: 12 Dec 2018 04:22

Tgt Ion:178 Resp: 64377

Ion	Ratio	Lower	Upper
178	100		
179	34.0	12.5	18.7#
176	21.6	15.0	22.4

Instrument :
BNA_N
ClientSampleId :
F9Y09

Manual Integrations APPROVED
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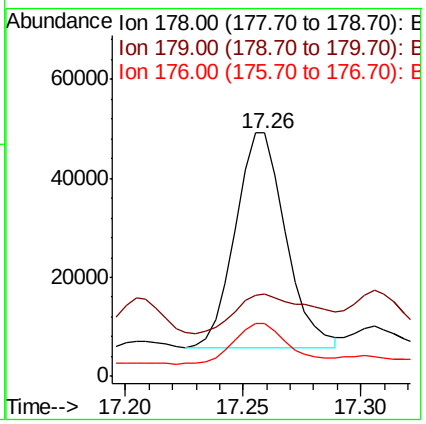
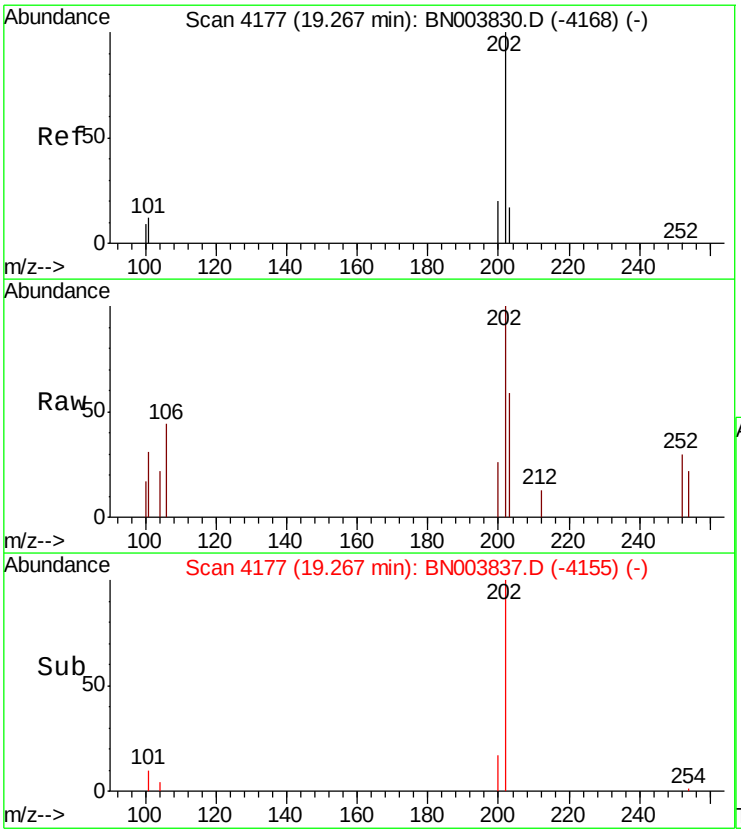
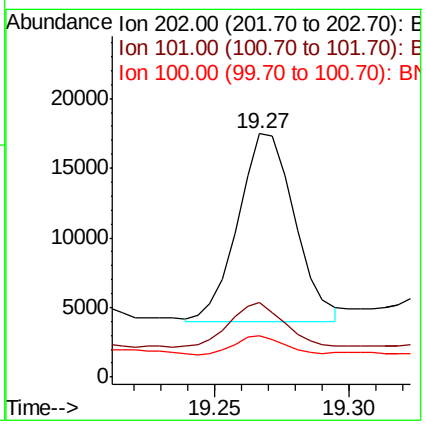


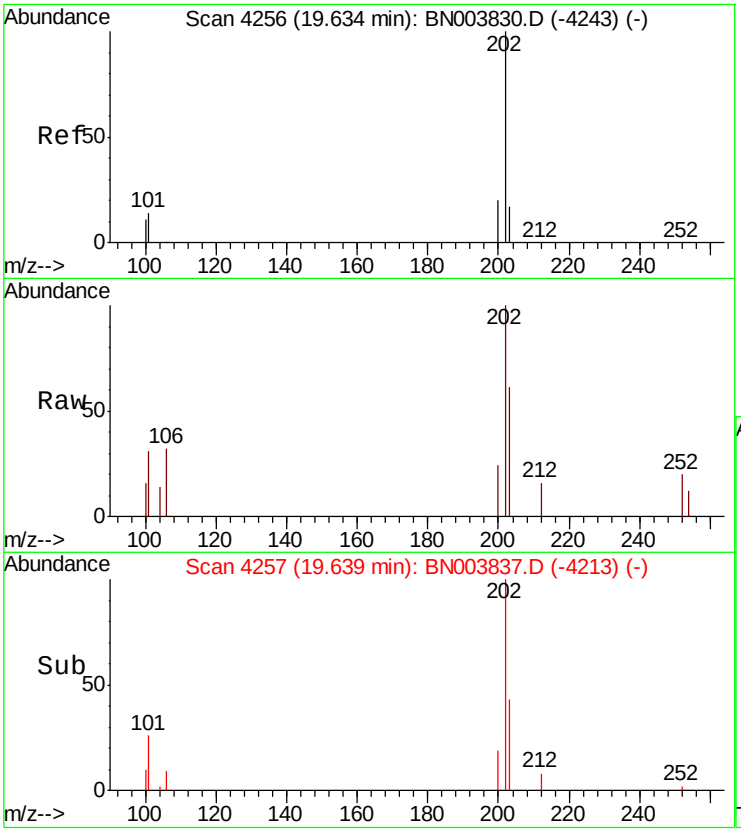


#15
Fluoranthene
Concen: 0.260 ng/ul m
RT: 19.27 min Scan# 4177
Delta R.T. 0.00 min
Lab File: BN003837.D
Acq: 12 Dec 2018 04:22

Tgt Ion:202 Resp: 19825

Ion	Ratio	Lower	Upper
202	100		
101	30.7	0.0	30.7
100	16.9	0.0	28.1





#17
Pyrene
Concen: 0.746 ng/ul m
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003837.D
Acq: 12 Dec 2018 04:22

Tgt Ion:202 Resp: 35188

Ion	Ratio	Lower	Upper
202	100		
101	31.1	10.3	15.5#
100	15.7	8.5	12.7#

Instrument :
BNA_N
ClientSampleId :
F9Y09

Manual Integrations APPROVED
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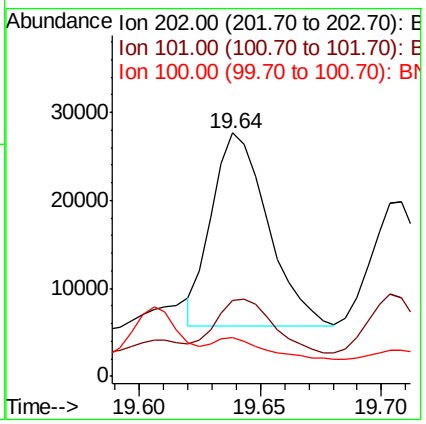
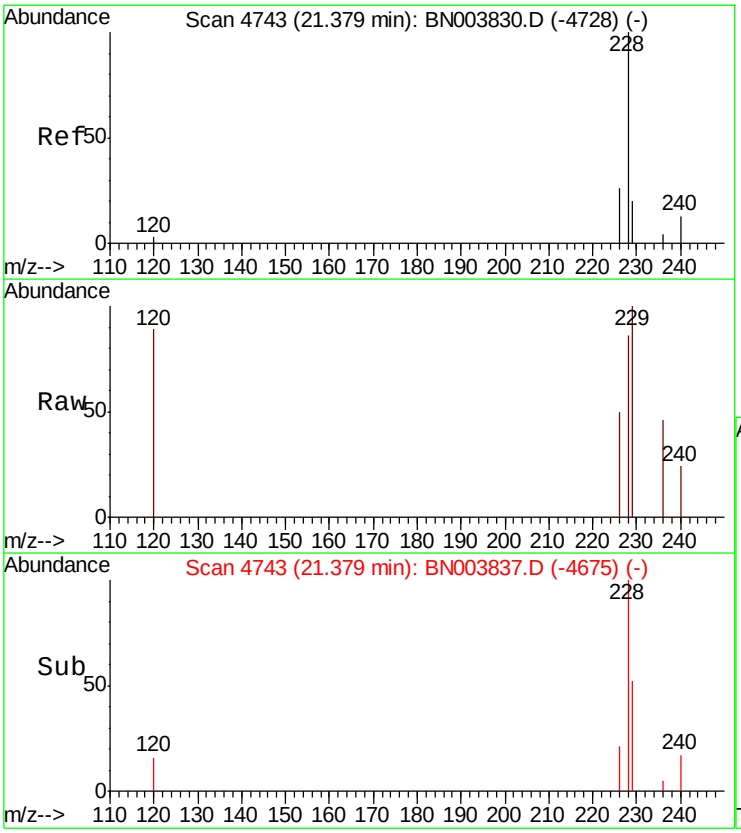
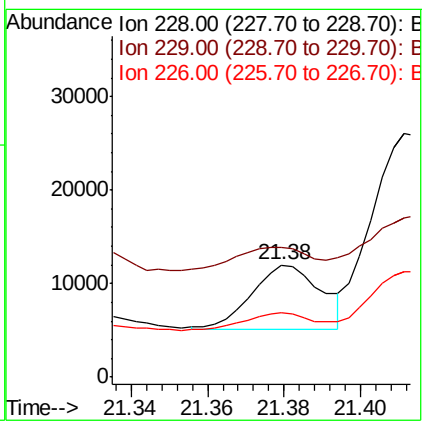


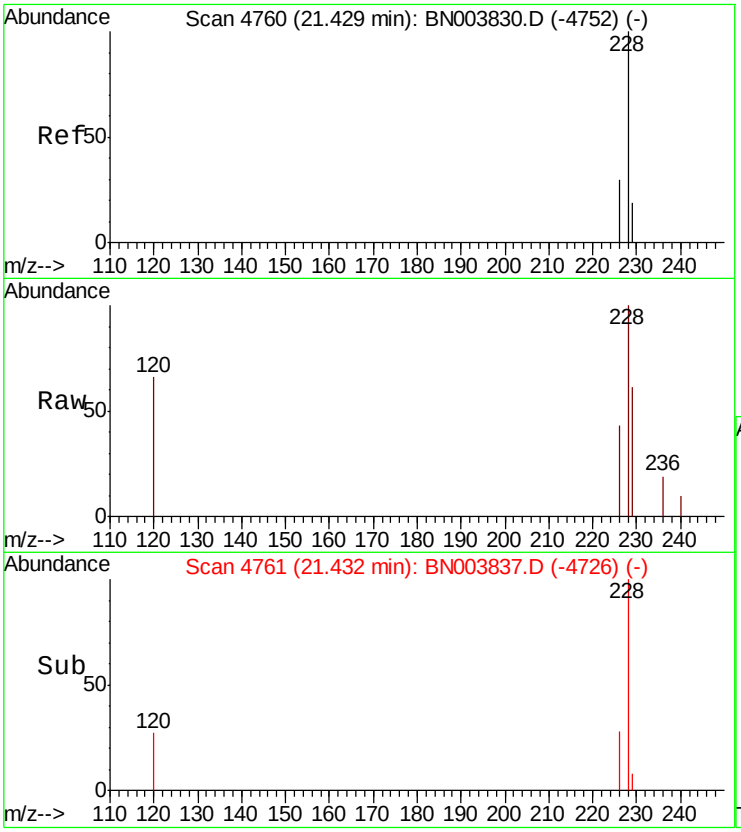


#18
Benzo(a)anthracene
Concen: 0.209 ng/ul m
RT: 21.38 min Scan# 4743
Delta R.T. 0.00 min
Lab File: BN003837.D
Acq: 12 Dec 2018 04:22

Tgt Ion:228 Resp: 8657

Ion	Ratio	Lower	Upper
228	100		
229	115.8	15.6	23.4#
226	57.6	21.1	31.7#





#19
Chrysene
Concen: 0.495 ng/ul m
RT: 21.43 min Scan# 4761
Delta R.T. 0.00 min
Lab File: BN003837.D
Acq: 12 Dec 2018 04:22

Tgt Ion:228 Resp: 23514

Ion	Ratio	Lower	Upper
228	100		
226	43.1	24.0	36.0#
229	61.0	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
F9Y09

Manual Integrations APPROVED
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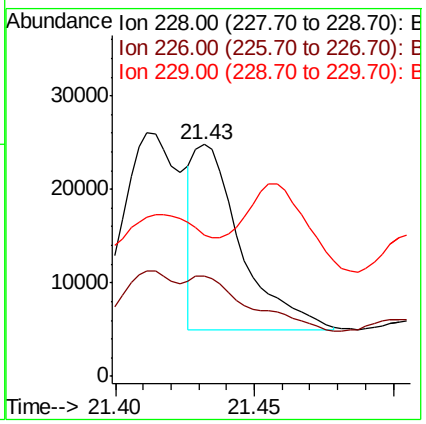

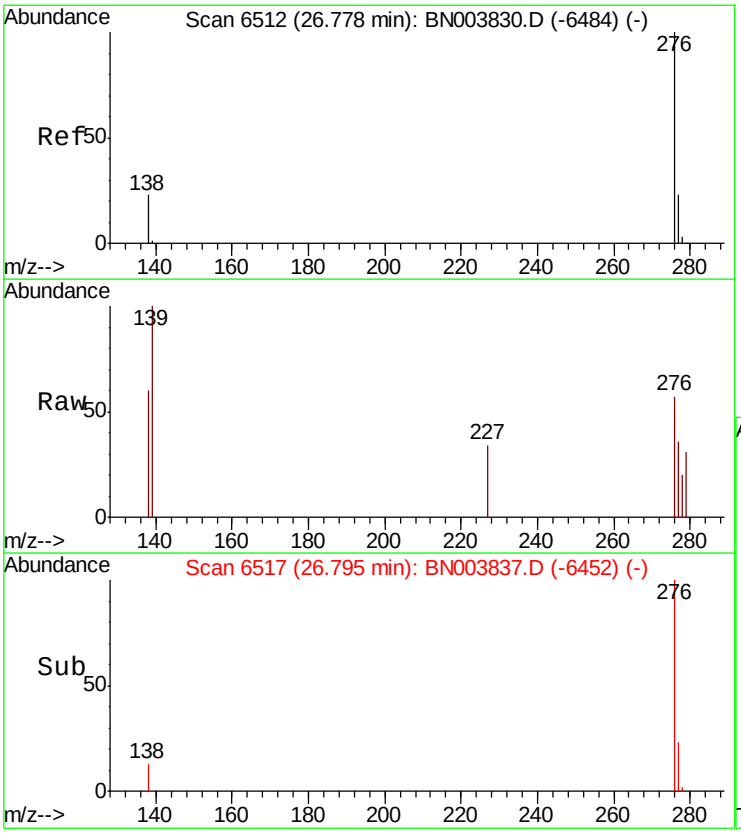

#26
Benzo(g,h,i)perylene
Concen: 0.126 ng/ul m
RT: 26.79 min Scan# 6517
Delta R.T. 0.02 min
Lab File: BN003837.D
Acq: 12 Dec 2018 04:22

Tgt Ion:276 Resp: 6362

Ion	Ratio	Lower	Upper
276	100		
138	106.9	17.7	26.5#
277	64.4	19.3	28.9#