Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9Y11

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:08:49 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1865	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9288	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5532	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14050m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17946m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	17923	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2650	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8534m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	1395	0.053	ng/ul#	81
5) 2-Methylnaphthalene	12.29	142	2020	0.111	ng/ul	98
7) Acenaphthylene	14.19	152	2779	0.112	ng/ul#	91
12) Phenanthrene	17.26	178	13899m	0.301	ng/ul	
13) Anthracene	17.35	178	5076m	0.134	ng/ul	
15) Fluoranthene	19.27	202	19062m	0.350	ng/ul	
17) Pyrene	19.64	202	25367	0.394	ng/ul	98
18) Benzo(a)anthracene	21.38	228	15155	0.267	ng/ul#	88
19) Chrysene	21.43	228	23482	0.362	ng/ul#	91
21) Benzo(b)fluoranthene	23.01	252	30882m	0.417	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	8892m	0.123	ng/ul	
23) Benzo(a)pyrene	23.61	252	13817	0.215	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	26.07	276	16279	0.221	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.07	278	4529	0.076	ng/ul#	24
26) Benzo(g,h,i)perylene	26.80	276	20615	0.322	ng/ul#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
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Acq On : 15 Dec 2018 23:22
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Misc :
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Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations APPROVED
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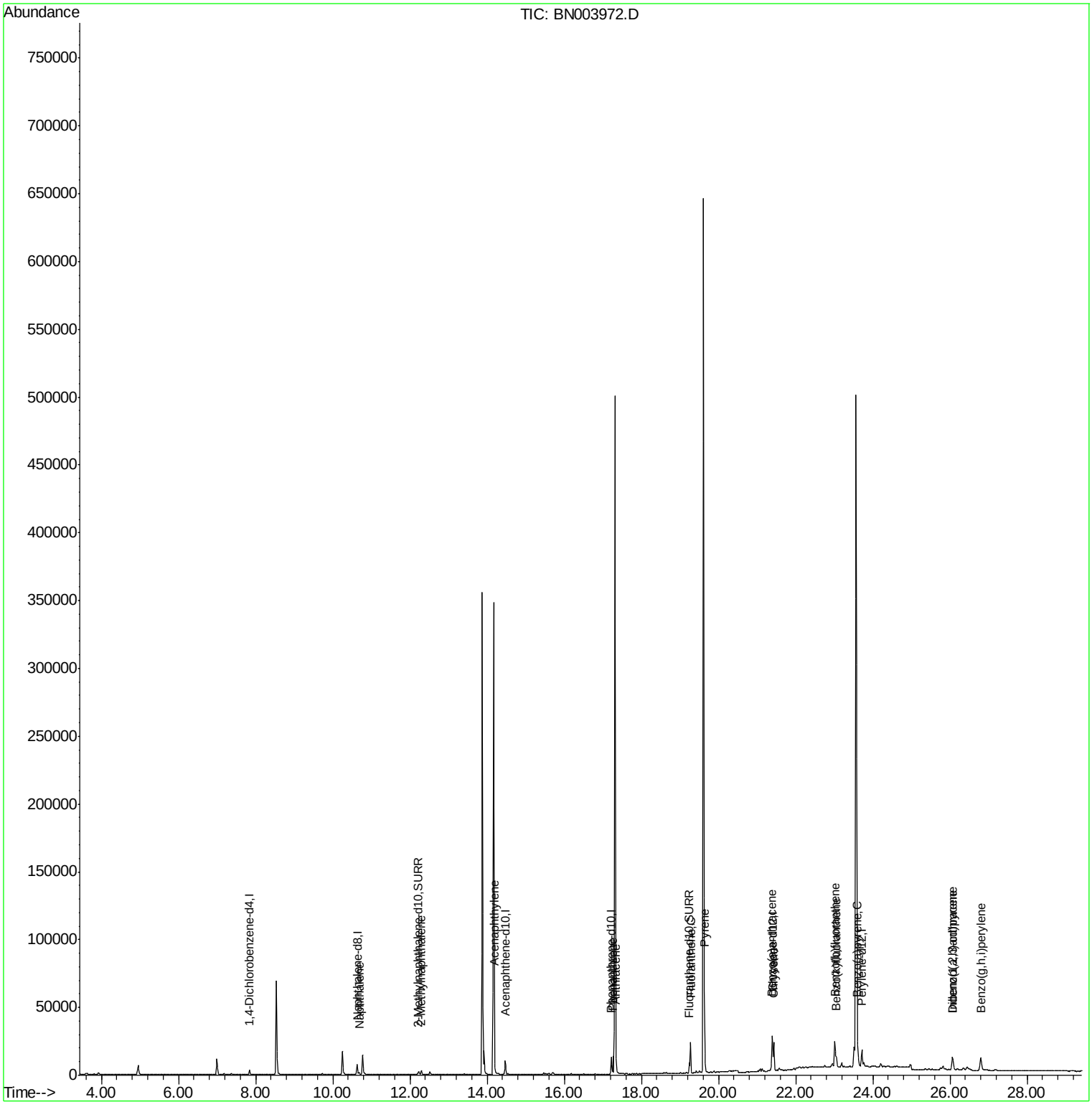

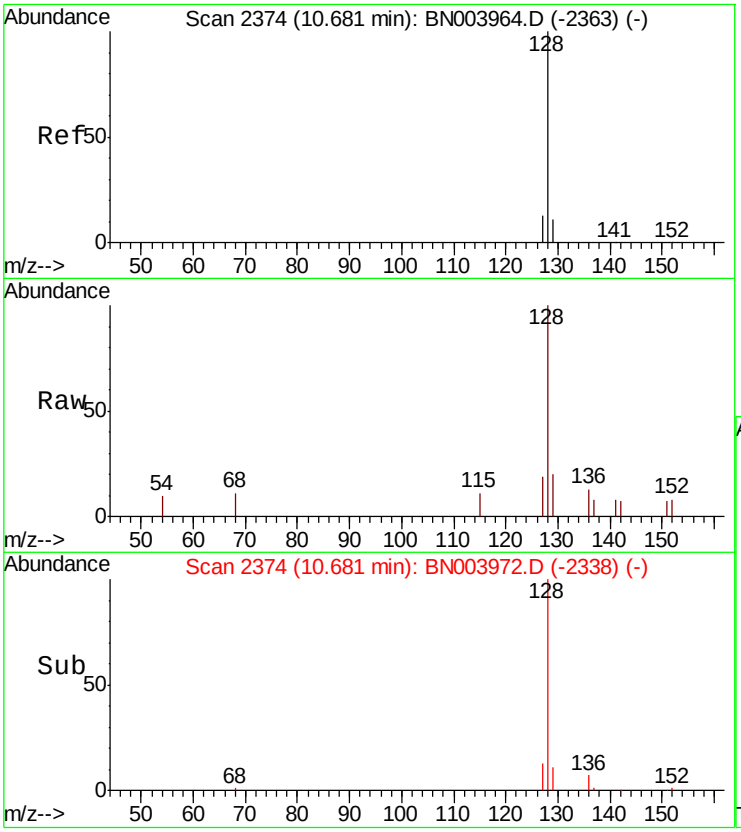

#3
Naphthalene
Concen: 0.053 ng/ul
RT: 10.68 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:128 Resp: 1395

Ion	Ratio	Lower	Upper
128	100		
129	20.5	9.0	13.6#
127	19.0	10.5	15.7#

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations APPROVED
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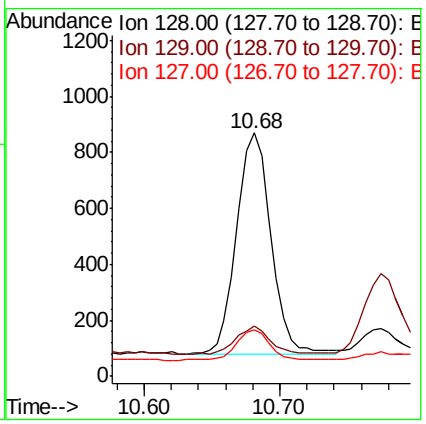
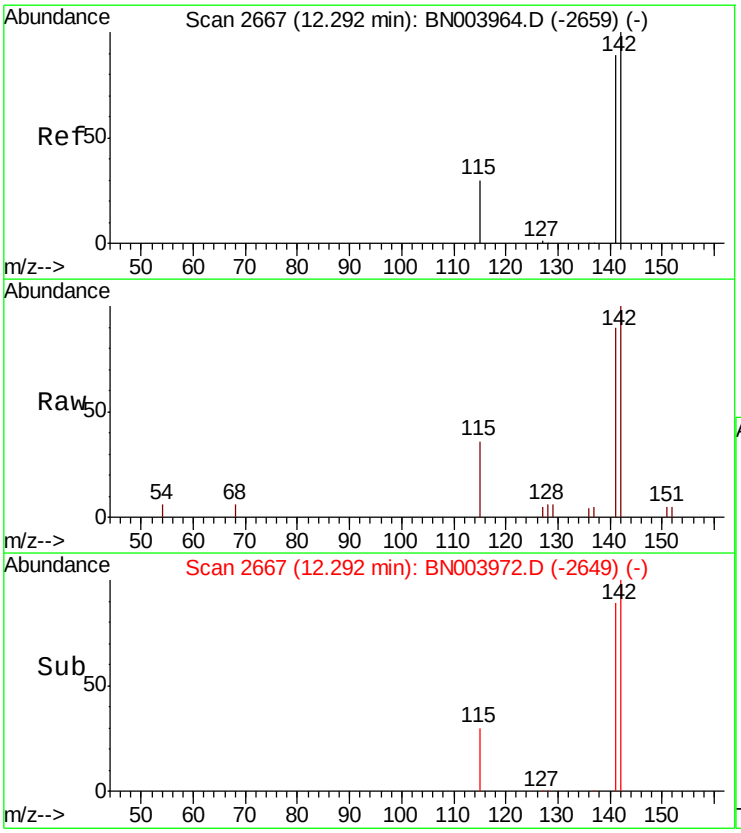
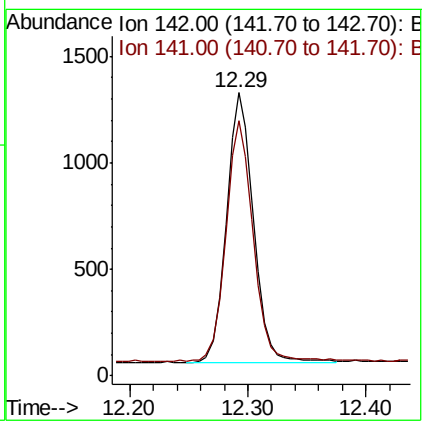


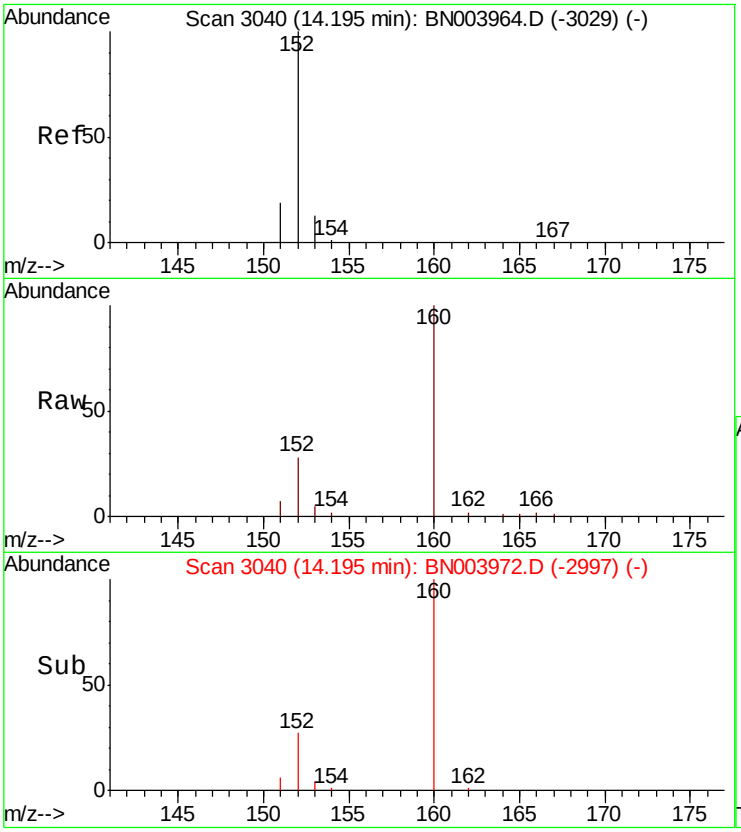


#5
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:142 Resp: 2020

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.5	107.3





#7
Acenaphthylene
Concen: 0.112 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:152 Resp: 2779

Ion	Ratio	Lower	Upper
152	100		
151	23.9	15.9	23.9#
153	17.6	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
F9Y11

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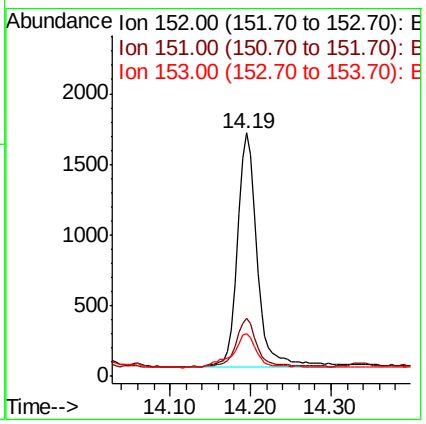
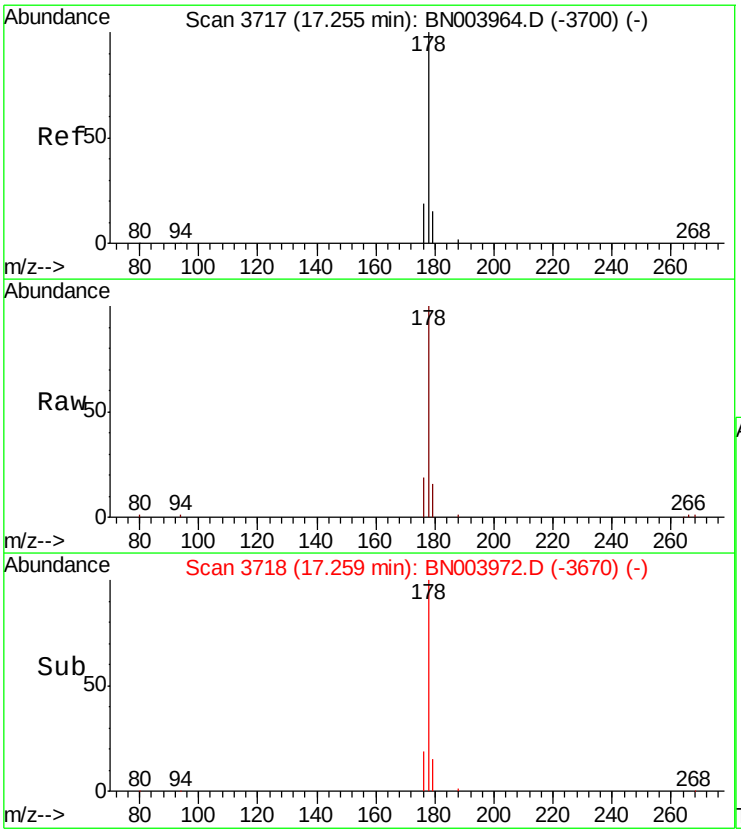
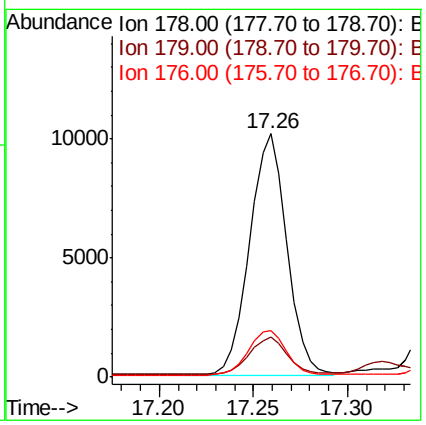


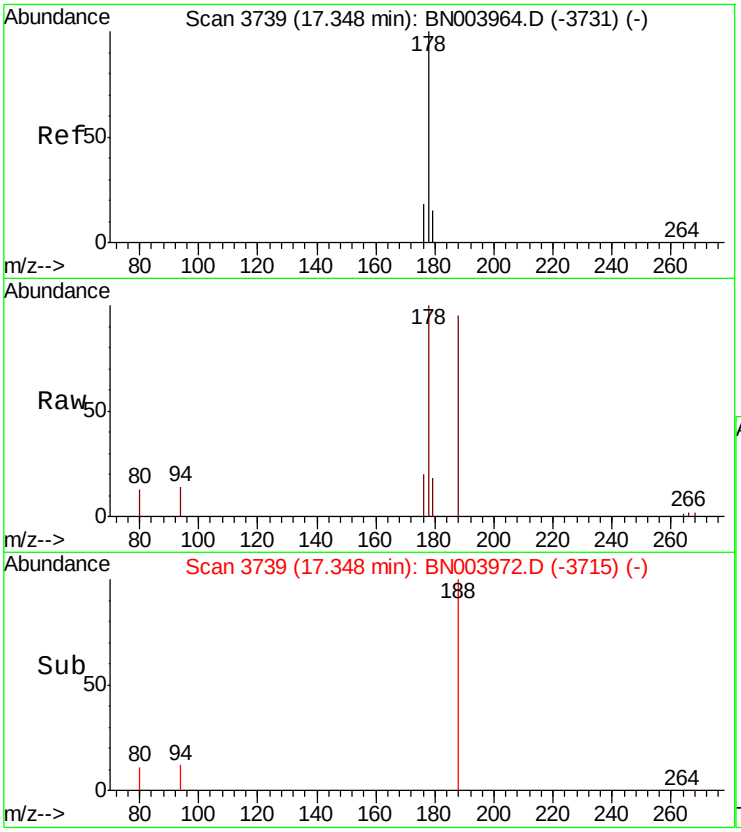


#12
Phenanthrene
Concen: 0.301 ng/ul m
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:178 Resp: 13899

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	19.3	15.0	22.4





#13
Anthracene
Concen: 0.134 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. 0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:178 Resp: 5076

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.3	18.5
176	20.3	14.8	22.2

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations APPROVED
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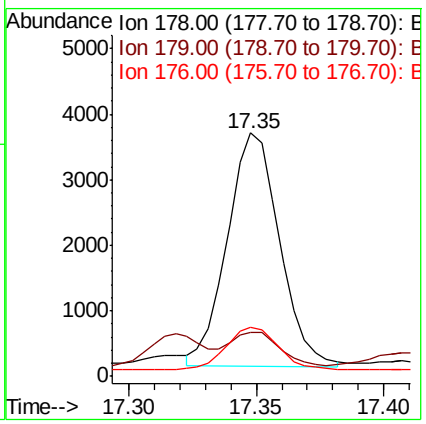
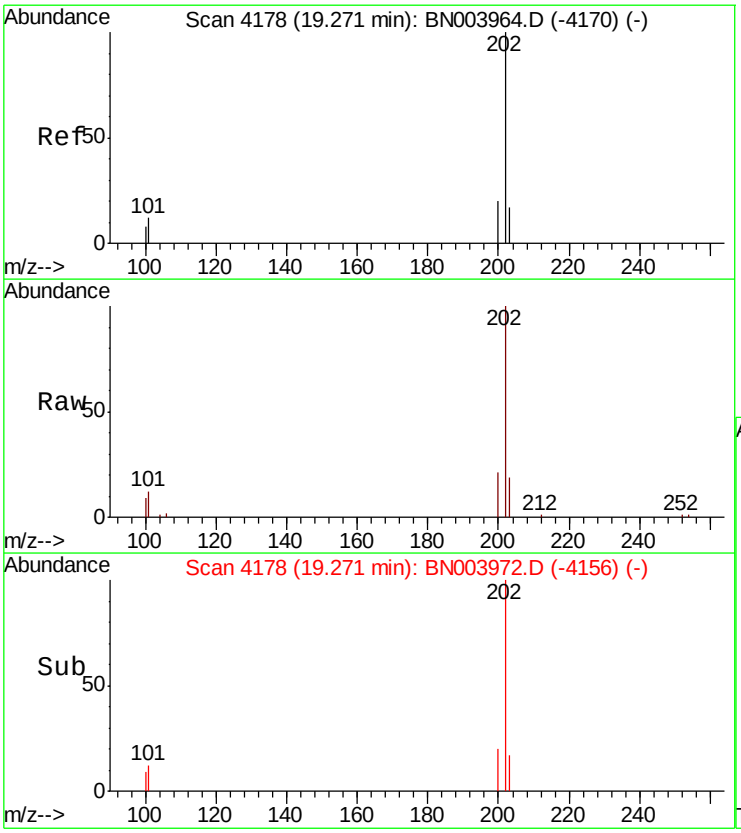
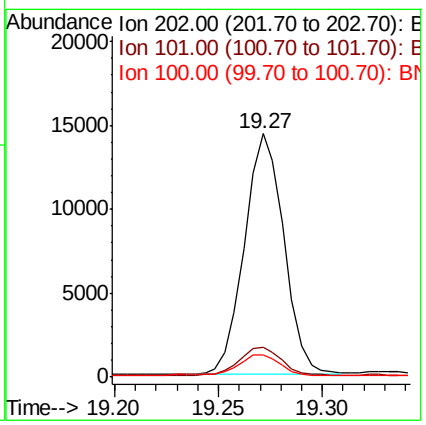


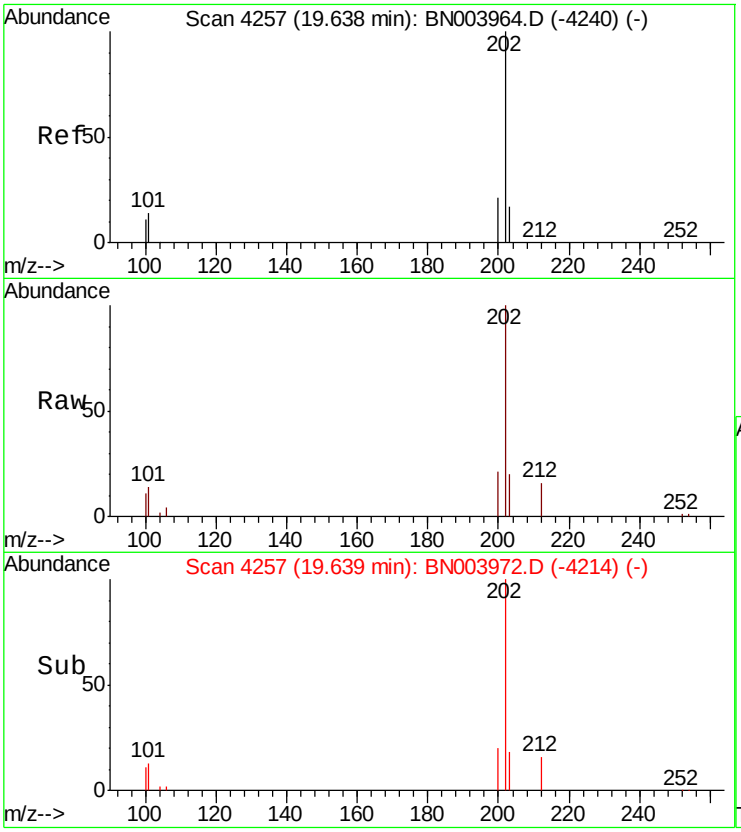


#15
Fluoranthene
Concen: 0.350 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:202 Resp: 19062

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.7
100	9.1	0.0	28.1

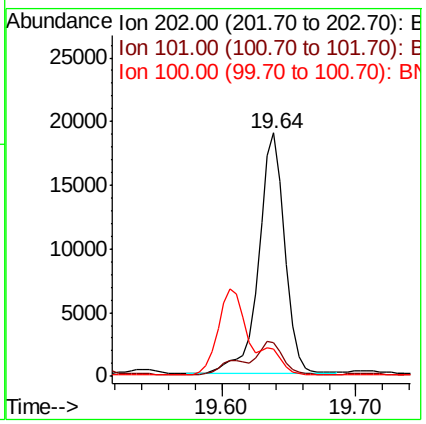




#17
Pyrene
Concen: 0.394 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:202 Resp: 25367

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.3	15.5
100	11.2	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9Y11

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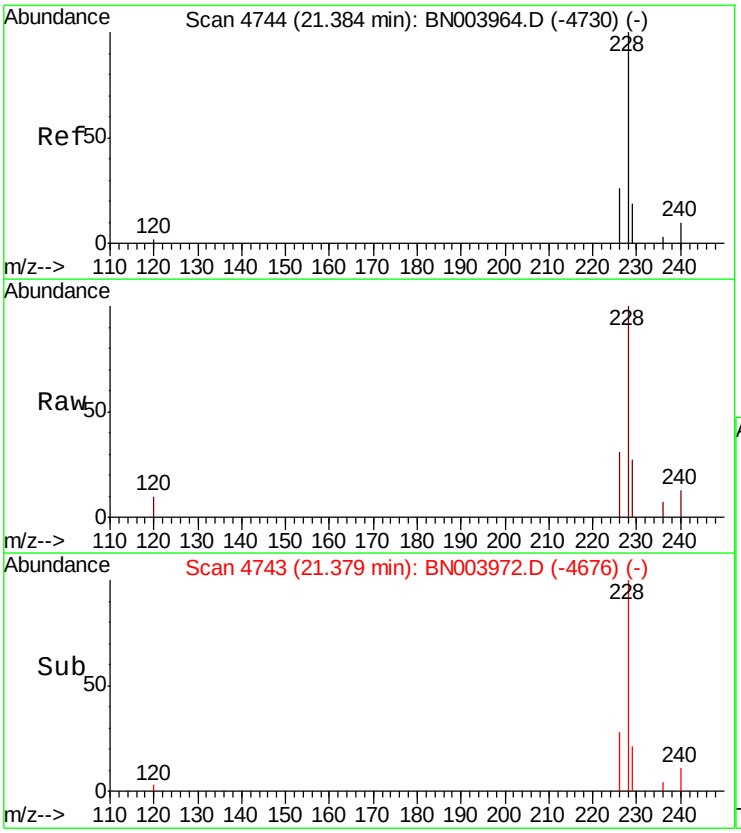
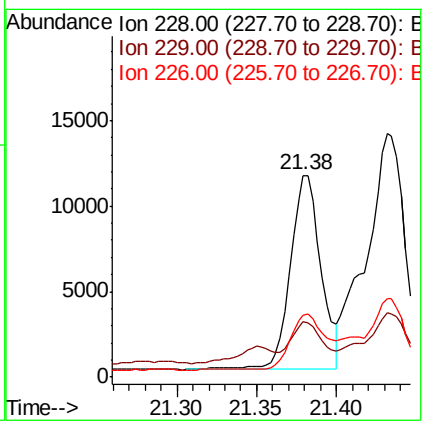
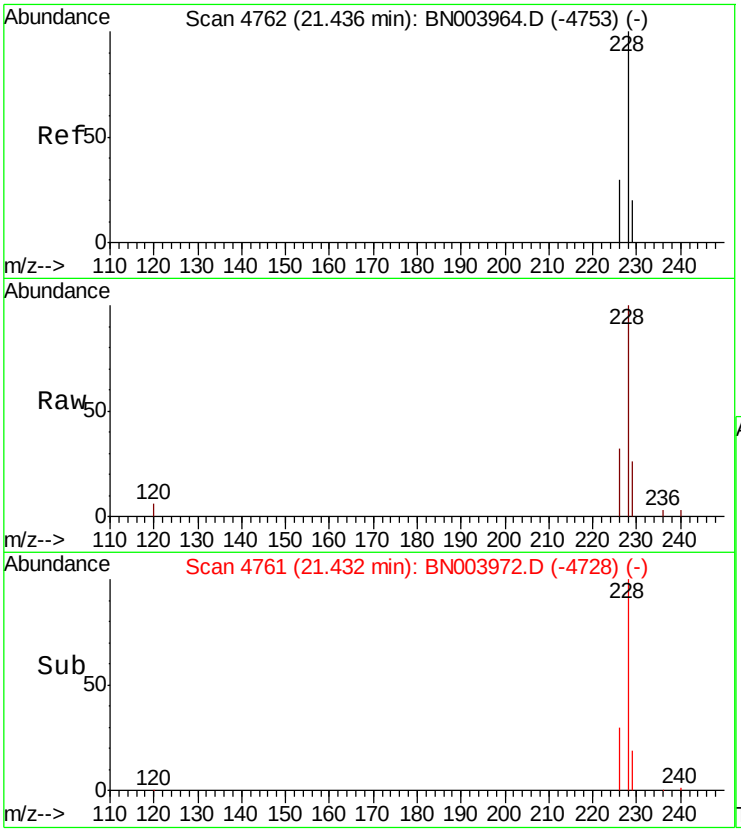


#18
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.38 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:228 Resp: 15155

Ion	Ratio	Lower	Upper
228	100		
229	27.2	15.6	23.4#
226	30.9	21.1	31.7

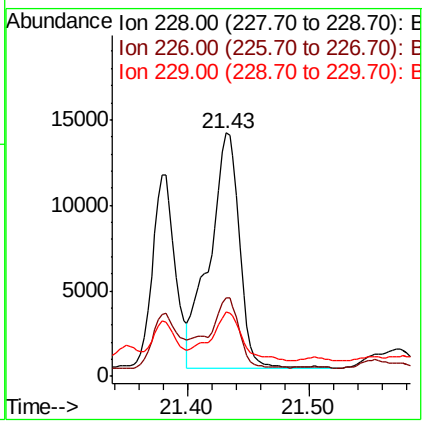




#19
Chrysene
Concen: 0.362 ng/ul
RT: 21.43 min Scan# 4761
Delta R.T. -0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:228 Resp: 23482

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	26.3	15.7	23.5#



Instrument :
BNA_N
ClientSampleId :
F9Y11

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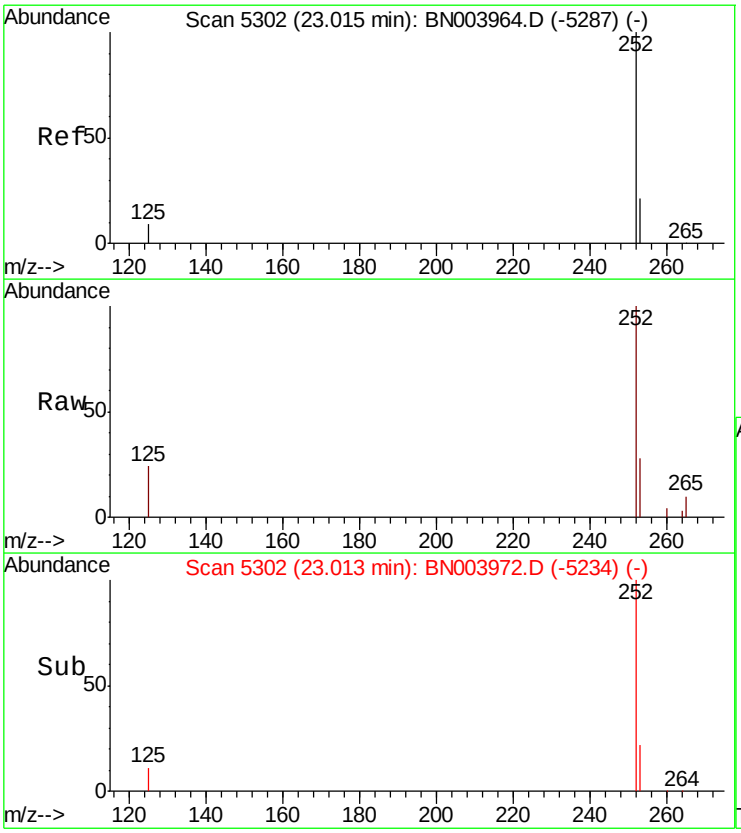
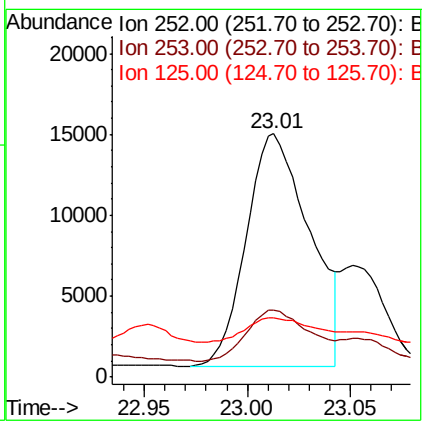
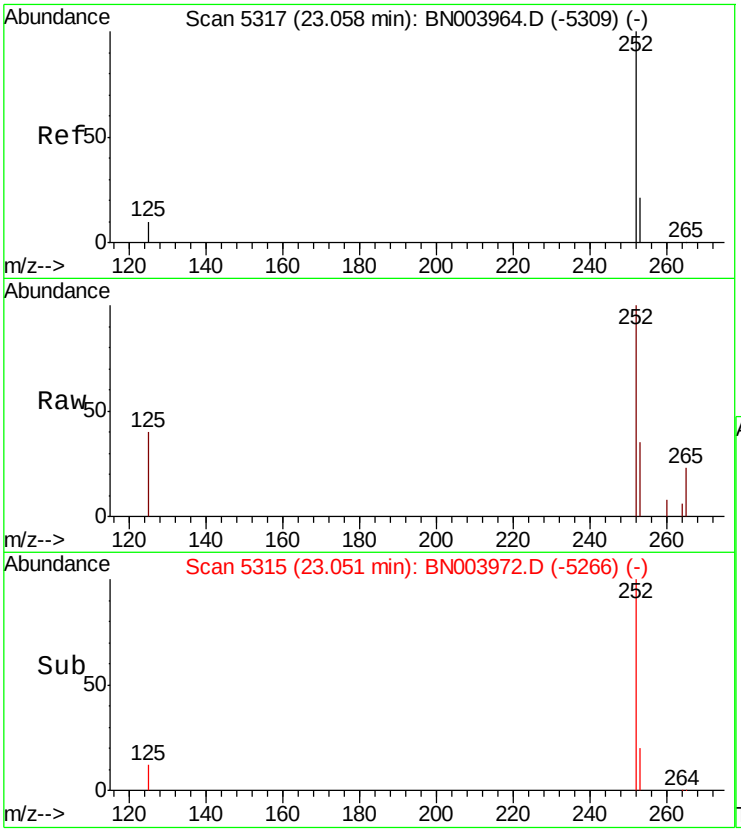


#21
Benzo(b)fluoranthene
Concen: 0.417 ng/ul m
RT: 23.01 min Scan# 5302
Delta R.T. -0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:252 Resp: 30882

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	46.0
125	24.4	0.0	22.4#





#22
Benzo(k)fluoranthene
Concen: 0.123 ng/ul m
RT: 23.05 min Scan# 5315
Delta R.T. -0.01 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:252 Resp: 8892

Ion	Ratio	Lower	Upper
252	100		
253	34.5	18.5	27.7#
125	40.5	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations APPROVED
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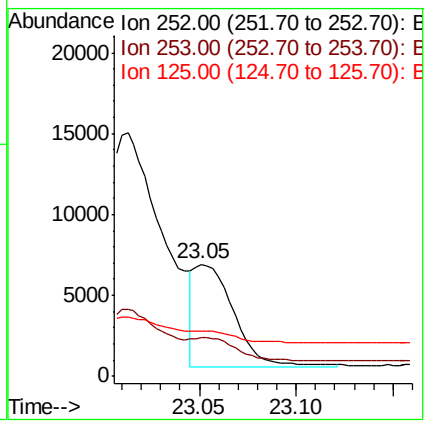
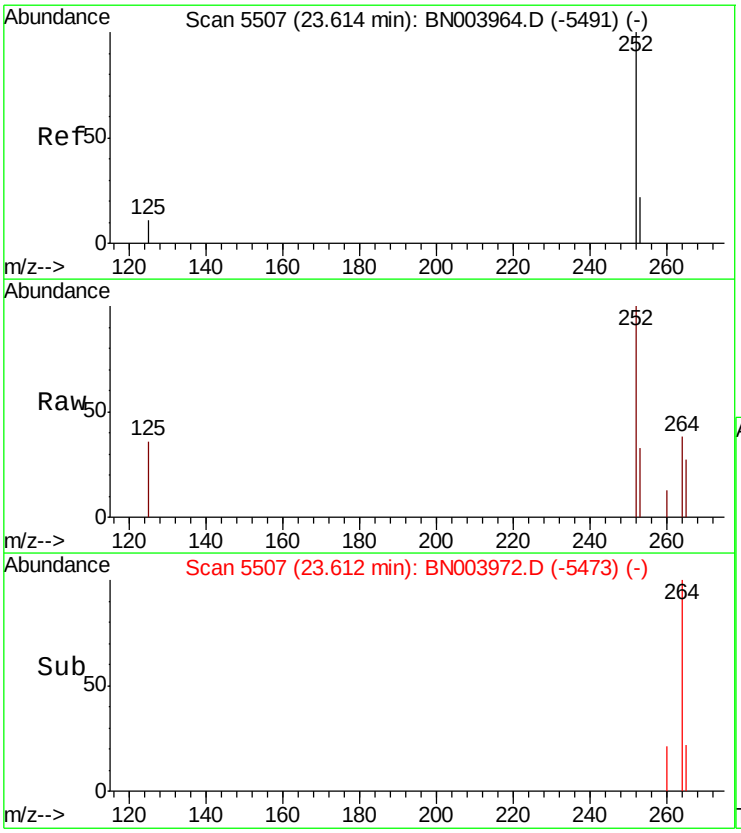
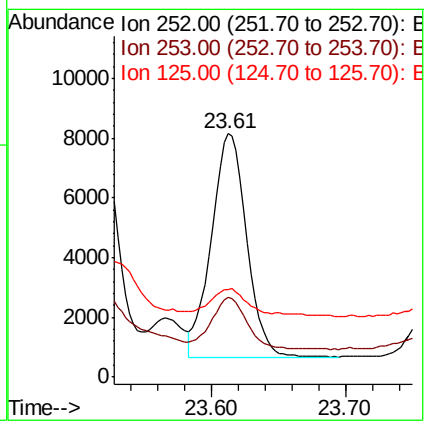


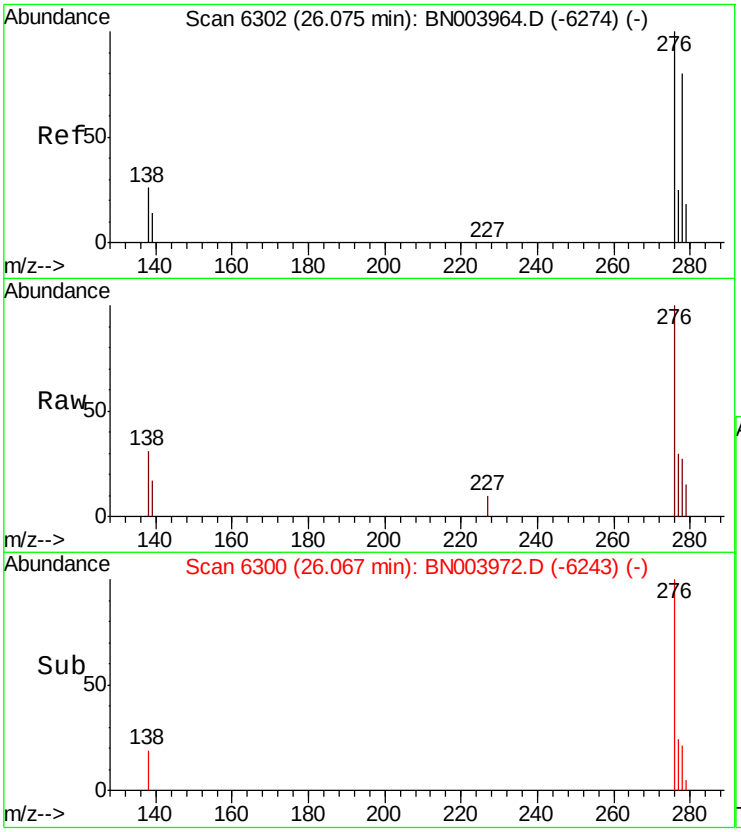


#23
Benzo(a)pyrene
Concen: 0.215 ng/ul
RT: 23.61 min Scan# 5507
Delta R.T. -0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:252 Resp: 13817

Ion	Ratio	Lower	Upper
252	100		
253	32.6	19.0	28.4#
125	36.2	10.2	15.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. -0.01 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:276 Resp: 16279

Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.3	30.5
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations APPROVED
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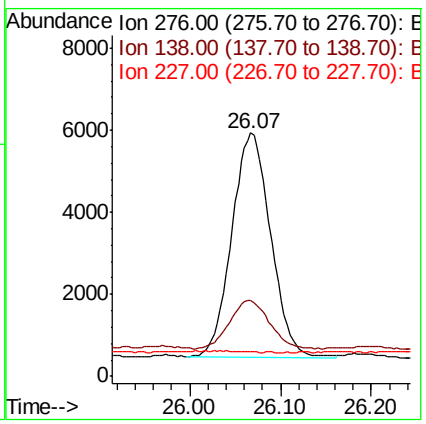
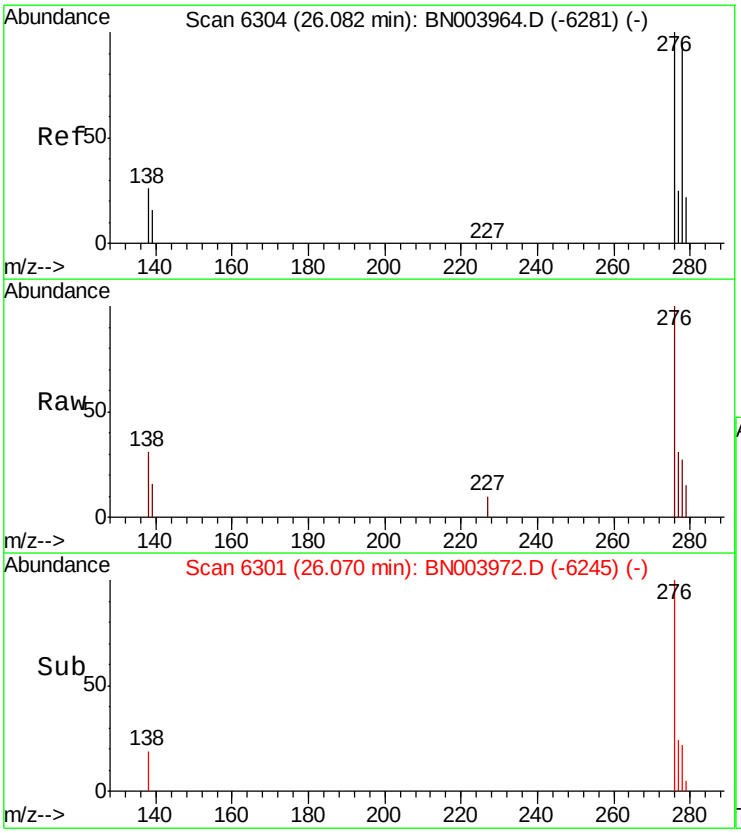
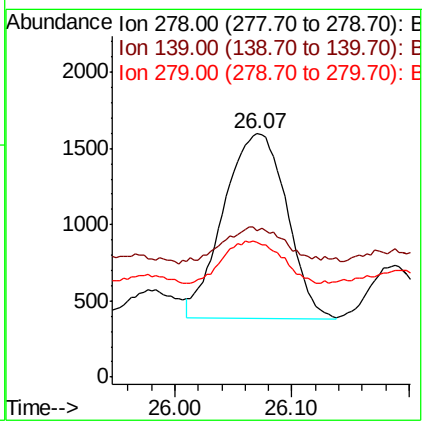


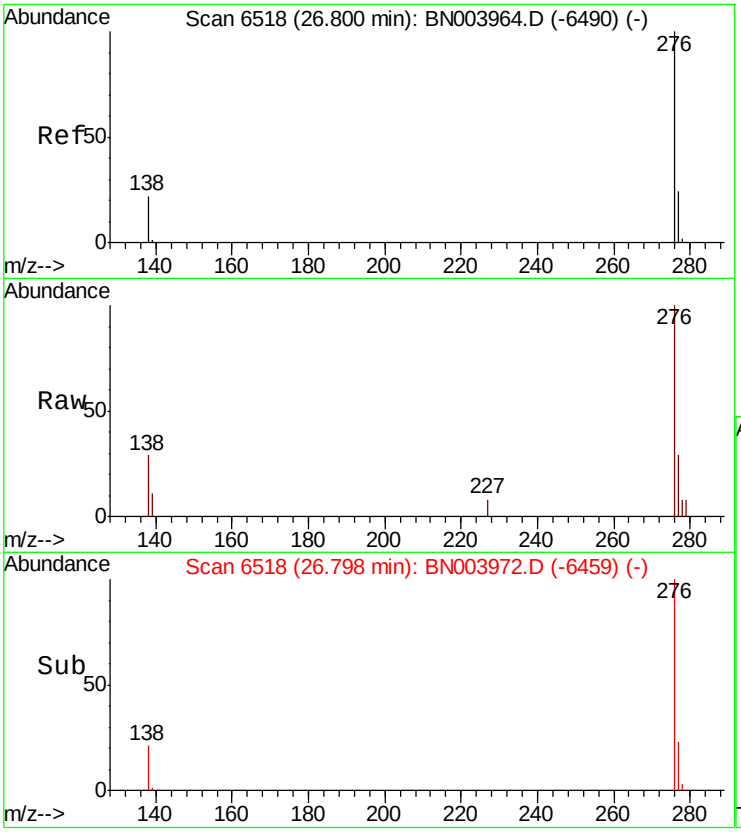


#25
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 26.07 min Scan# 6301
Delta R.T. -0.01 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:278 Resp: 4529

Ion	Ratio	Lower	Upper
278	100		
139	60.1	14.2	21.4#
279	55.4	19.8	29.6#

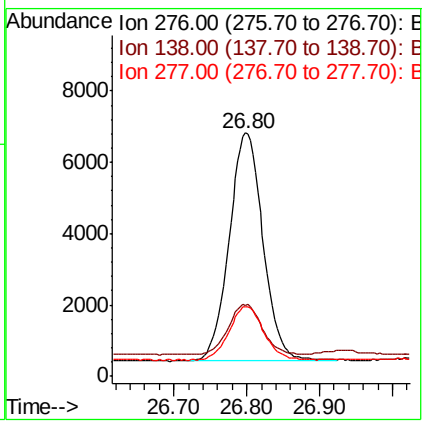




#26
Benzo(g,h,i)perylene
Concen: 0.322 ng/ul
RT: 26.80 min Scan# 6518
Delta R.T. -0.00 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion:276 Resp: 20615

Ion	Ratio	Lower	Upper
276	100		
138	29.1	17.7	26.5#
277	28.8	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations APPROVED
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