Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
Data File : BN003419.D
Acq On : 03 Nov 2018 00:33
Operator : MJ/SJ
Sample : J5704-24DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K3DL

Manual Integrations APPROVED
Sohil
11/5/2018 4:09:28 PM

Quant Time: Nov 03 00:38:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	11181	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	46175	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	24304	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	50422	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	34876	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	35341	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	4244	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	7784	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.70	128	9131	0.070	ng/ul	97
5) 2-Methylnaphthalene	12.31	142	5136	0.055	ng/ul	99
8) Acenaphthene	14.55	153	16891	0.179	ng/ul	99
9) Fluorene	15.54	166	25369	0.228	ng/ul	99
12) Phenanthrene	17.28	178	380800	2.303	ng/ul	100
13) Anthracene	17.36	178	54704	0.406	ng/ul	99
15) Fluoranthene	19.29	202	475212	2.557	ng/ul	100
17) Pyrene	19.65	202	376387	2.967	ng/ul	99
18) Benzo(a)anthracene	21.39	228	170246	1.557	ng/ul	98
19) Chrysene	21.45	228	188938	1.520	ng/ul	97
21) Benzo(b)fluoranthene	23.03	252	193322m	1.269	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	74592m	0.506	ng/ul	
23) Benzo(a)pyrene	23.62	252	131250	1.032	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.08	276	79520	0.584	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.09	278	25289	0.228	ng/ul#	77
26) Benzo(g,h,i)perylene	26.81	276	58808	0.504	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
Data File : BN003419.D
Acq On : 03 Nov 2018 00:33
Operator : MJ/SJ
Sample : J5704-24DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 03 00:38:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A40K3DL

Manual Integrations APPROVED
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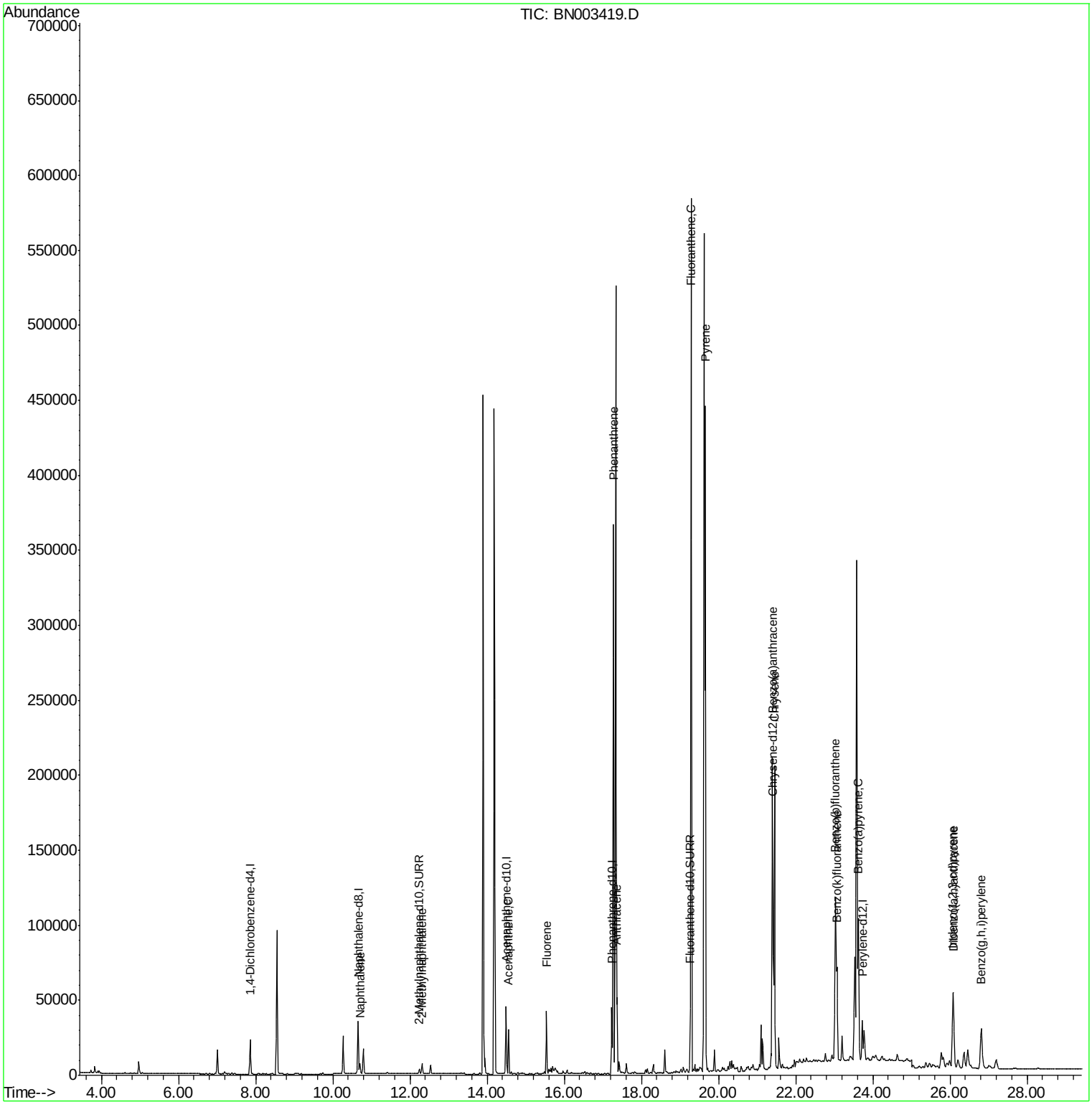
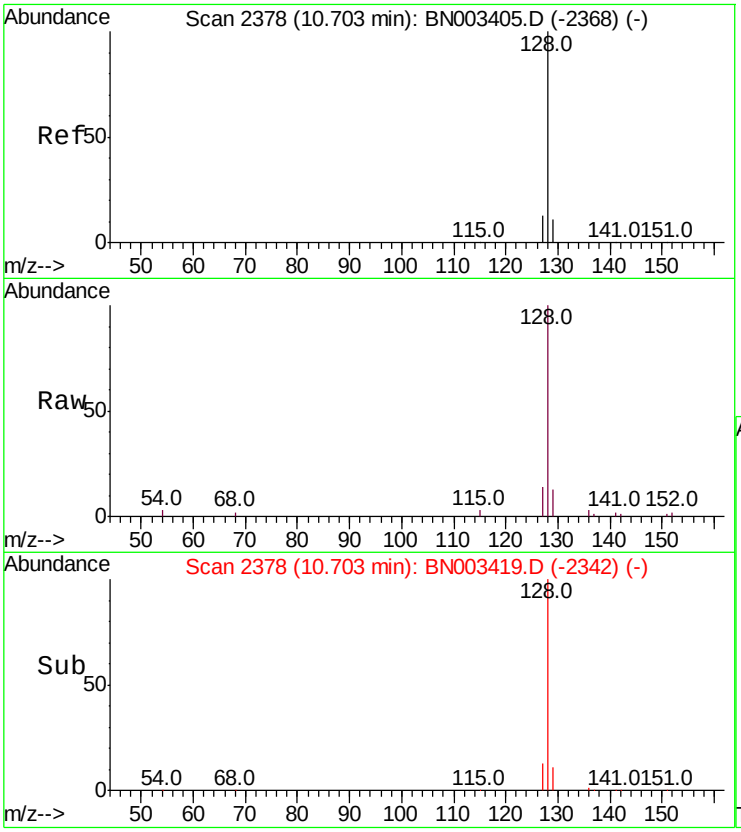
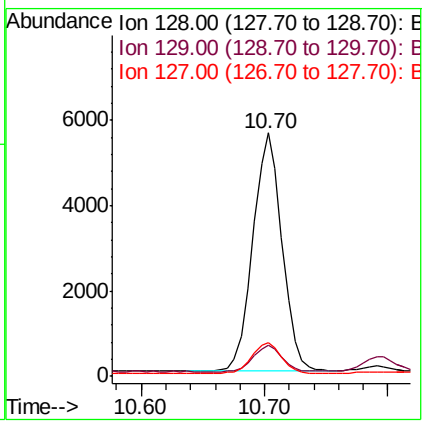




#3
Naphthalene
Concen: 0.070 ng/ul
RT: 10.70 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:128 Resp: 9131

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.0	13.6
127	14.0	10.5	15.7



Instrument :
BNA_N
ClientSampleId :
A40K3DL

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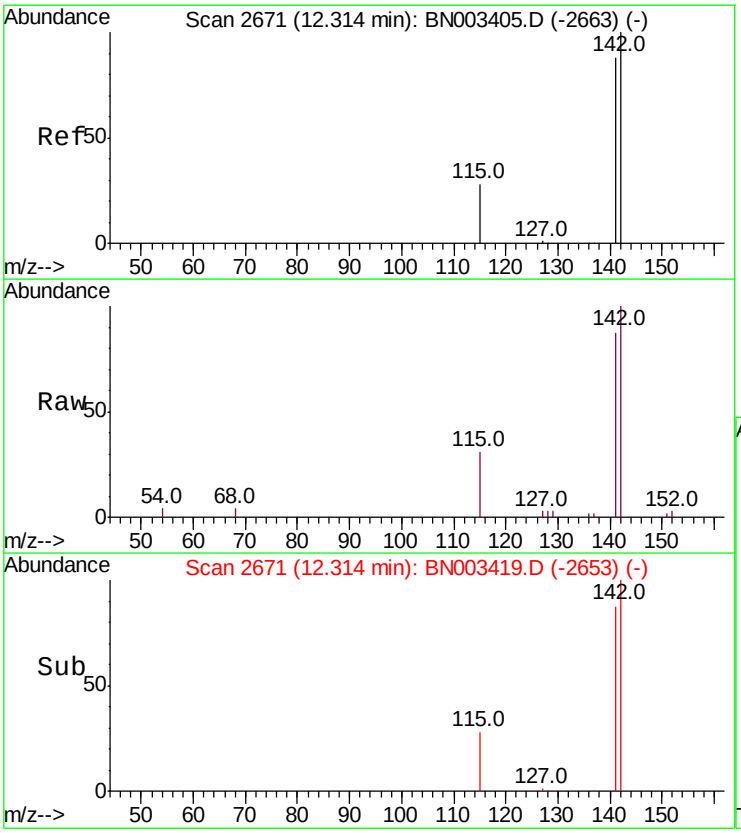
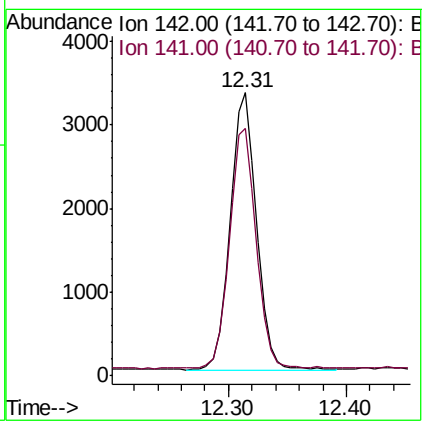
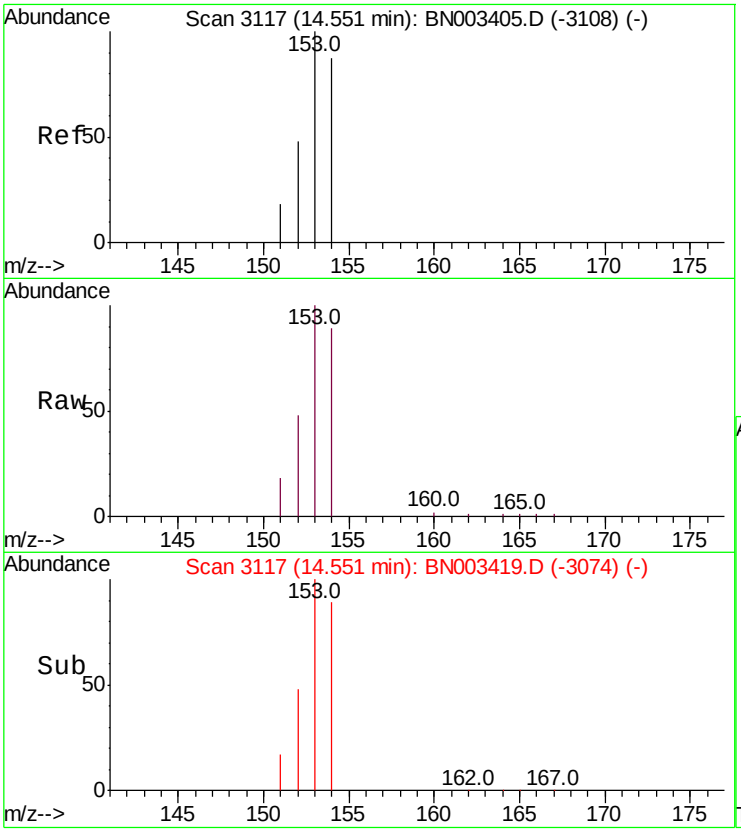


#5
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.31 min Scan# 2671
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:142 Resp: 5136

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.2	106.8

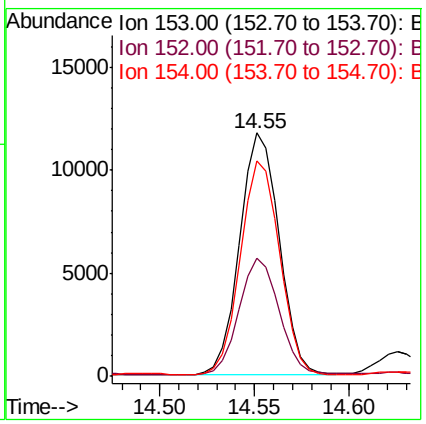




#8
Acenaphthene
Concen: 0.179 ng/ul
RT: 14.55 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:153 Resp: 16891

Ion	Ratio	Lower	Upper
153	100		
152	48.4	39.5	59.3
154	88.6	70.3	105.5



Instrument :
BNA_N
ClientSampleId :
A40K3DL

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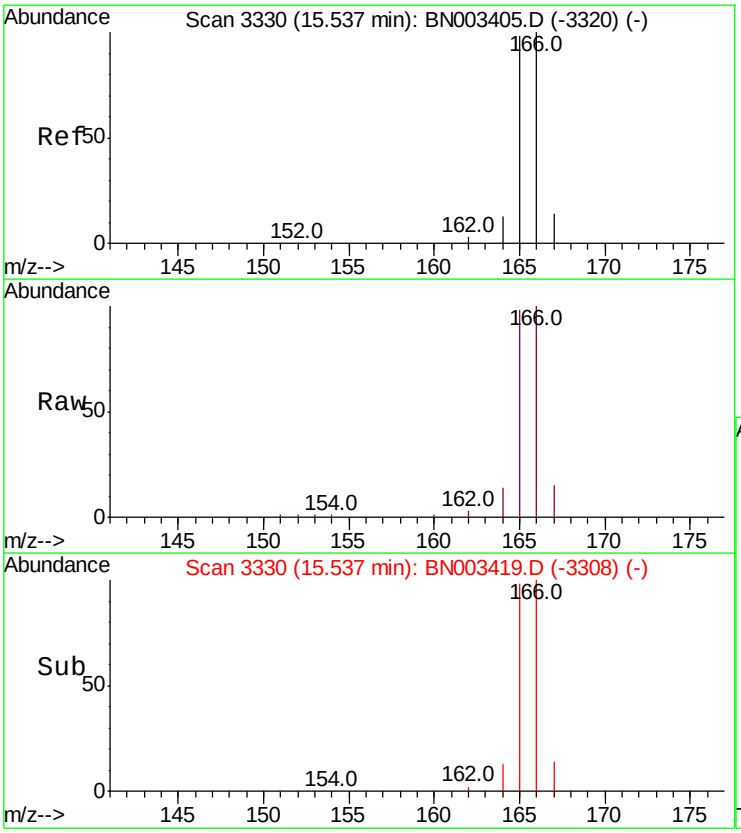
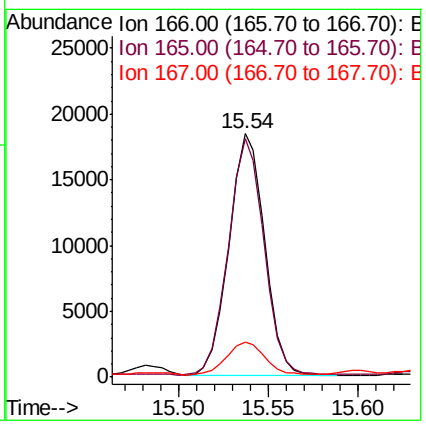
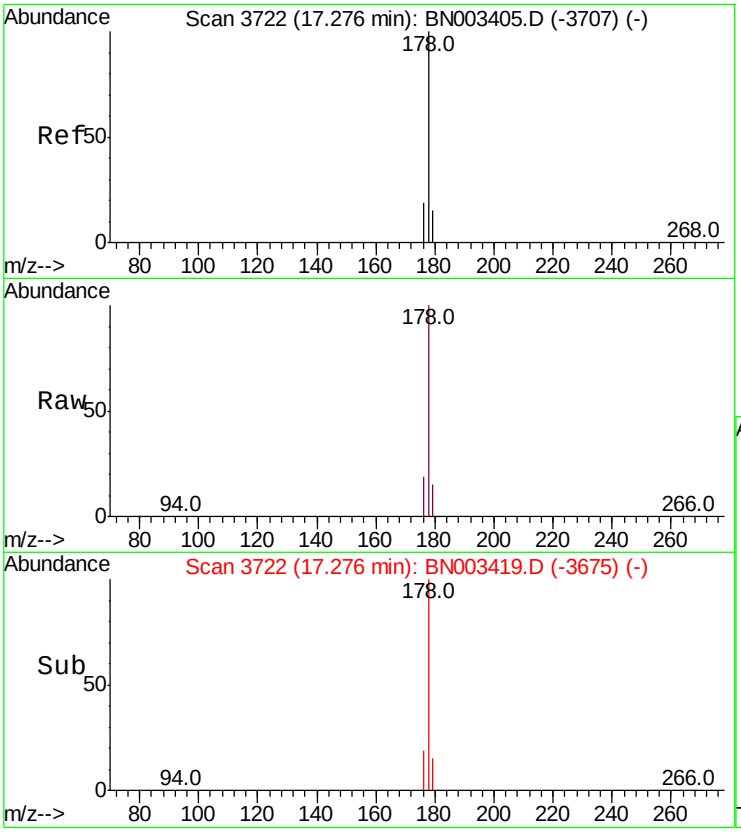


#9
Fluorene
Concen: 0.228 ng/ul
RT: 15.54 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:166 Resp: 25369

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.3	117.5
167	14.6	10.8	16.2

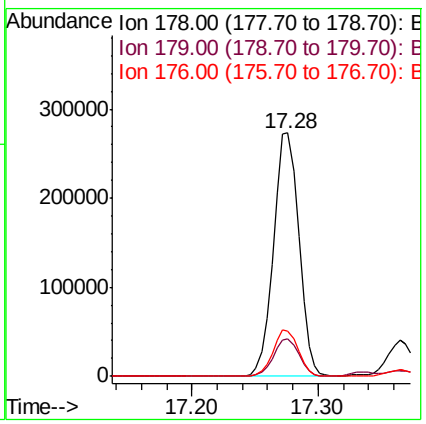




#12
Phenanthrene
Concen: 2.303 ng/ul
RT: 17.28 min Scan# 3722
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:178 Resp: 380800

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.7	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
A40K3DL

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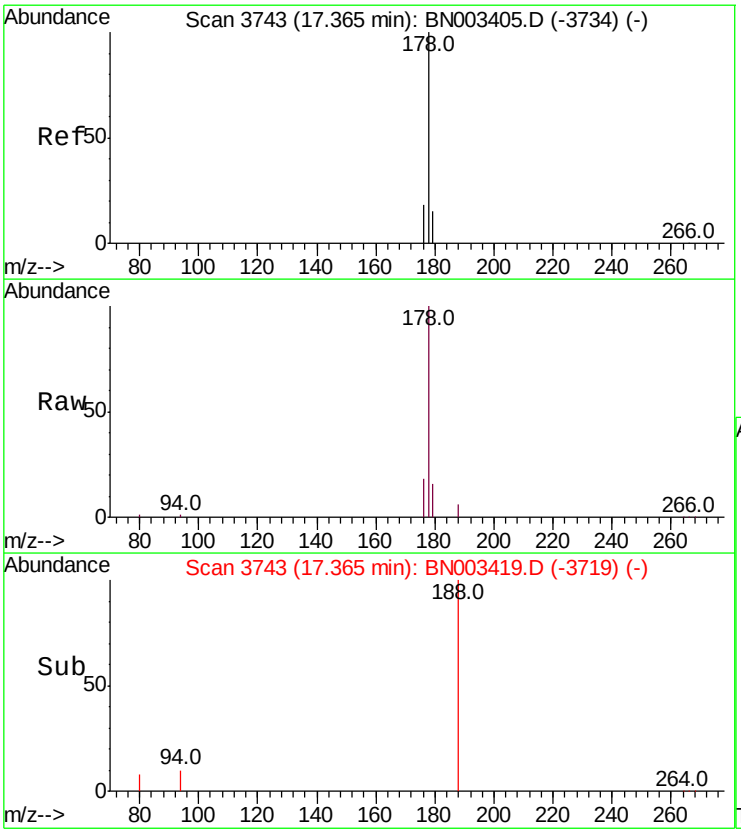
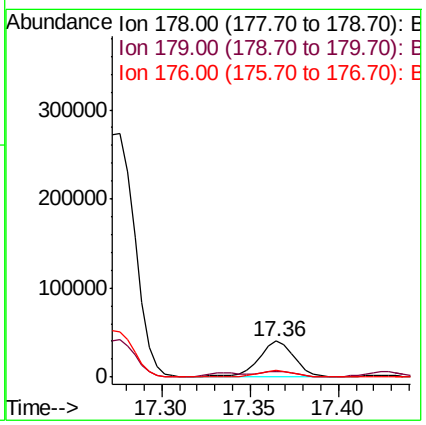
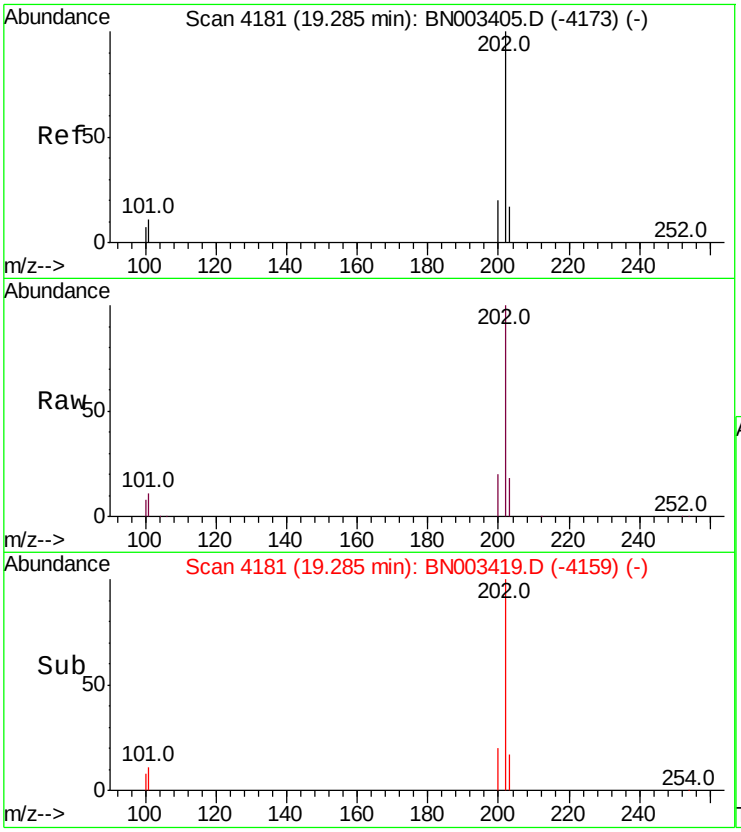


#13
Anthracene
Concen: 0.406 ng/ul
RT: 17.36 min Scan# 3743
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:178 Resp: 54704

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.4	14.7	22.1

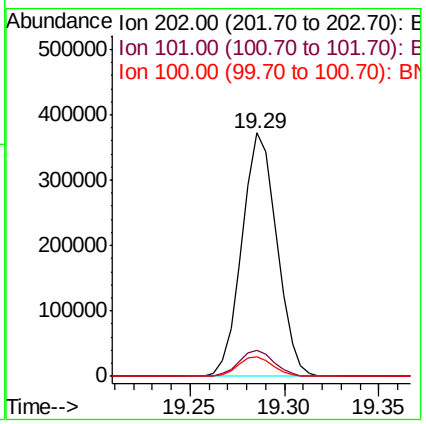




#15
Fluoranthene
Concen: 2.557 ng/ul
RT: 19.29 min Scan# 4181
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:202 Resp: 475212

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.7
100	8.1	0.0	28.0



Instrument :
BNA_N
ClientSampleId :
A40K3DL

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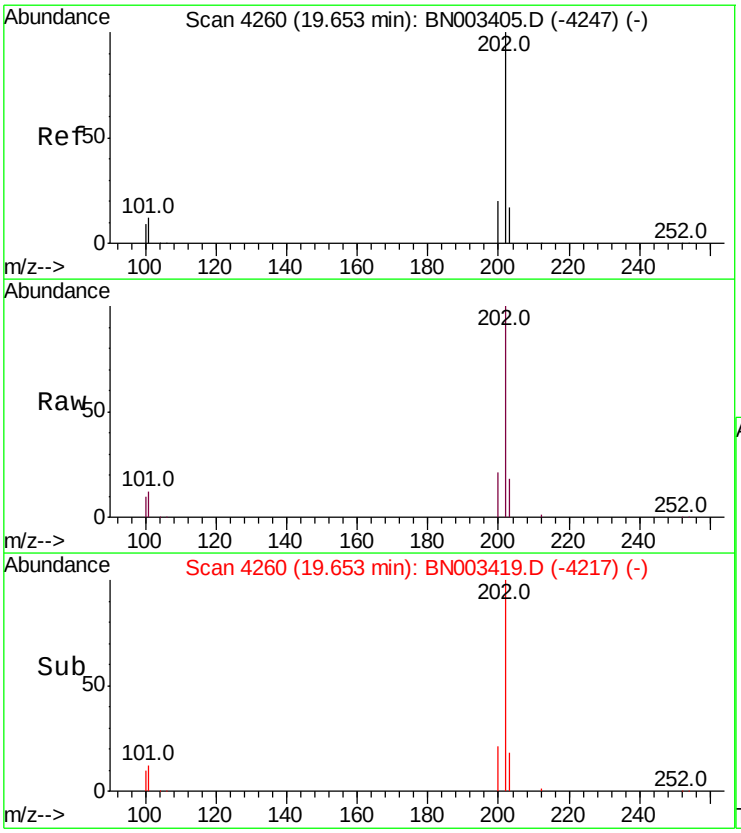
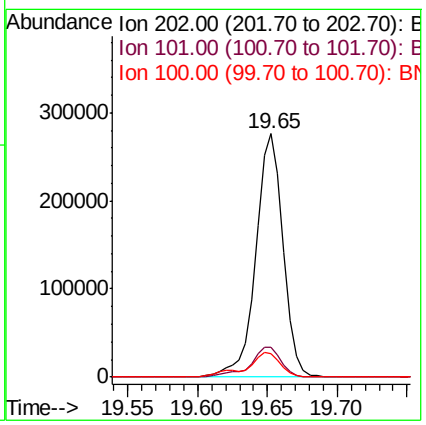
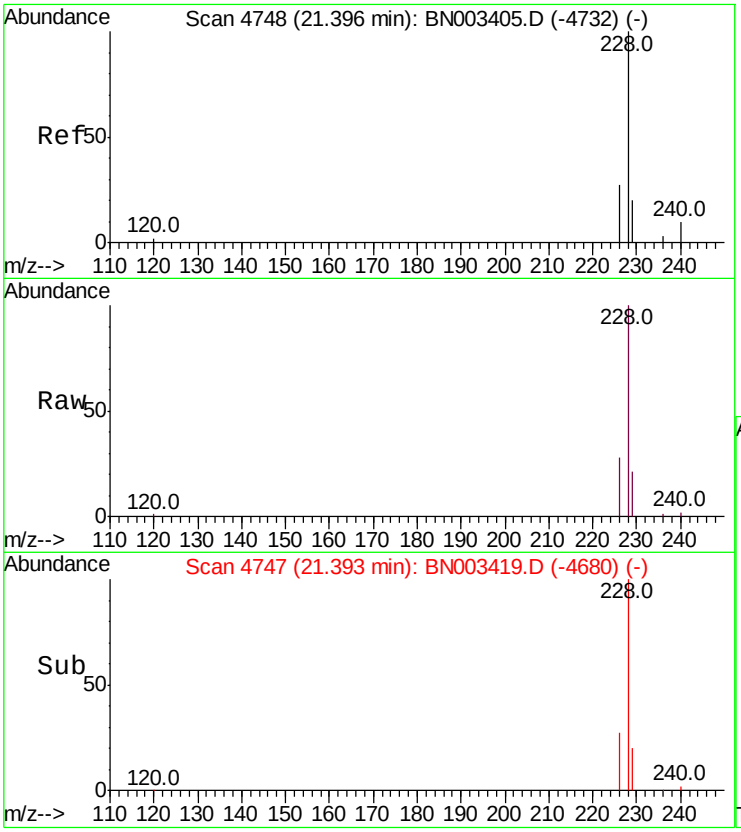


#17
Pyrene
Concen: 2.967 ng/ul
RT: 19.65 min Scan# 4260
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:202 Resp: 376387

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.5	14.3
100	9.6	7.5	11.3

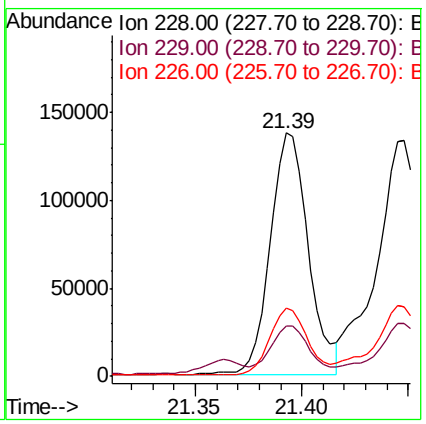




#18
Benzo(a)anthracene
Concen: 1.557 ng/ul
RT: 21.39 min Scan# 4747
Delta R.T. -0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:228 Resp: 170246

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.5	23.3
226	27.8	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A40K3DL

Manual Integrations APPROVED
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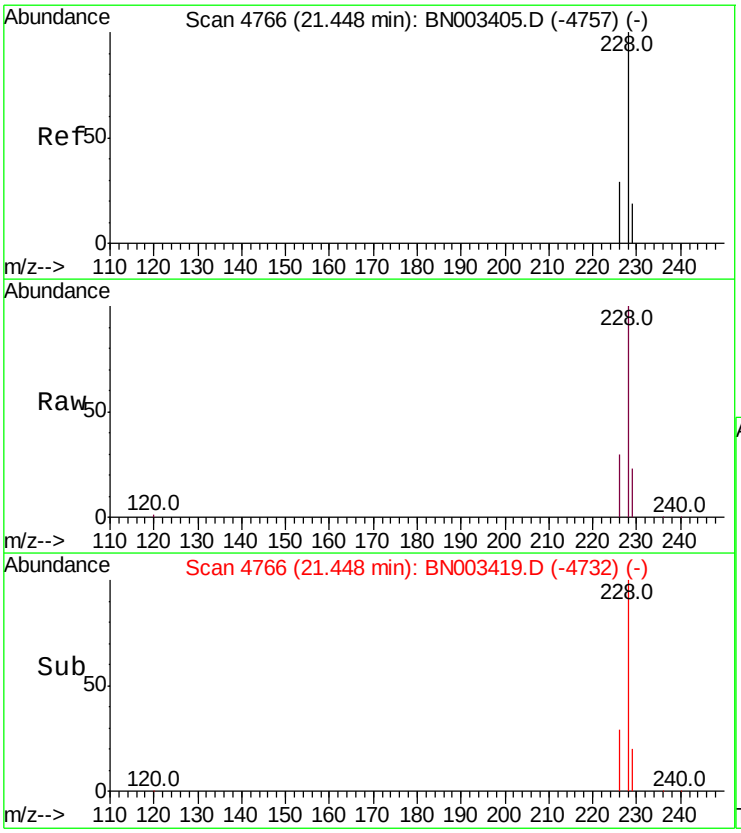
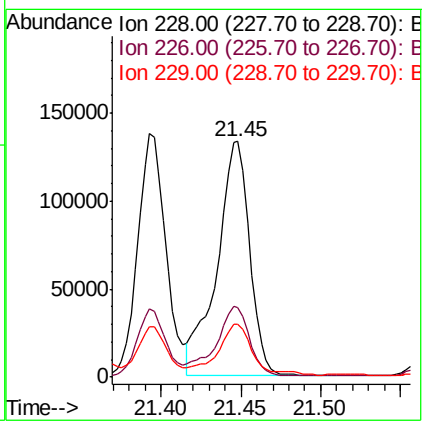
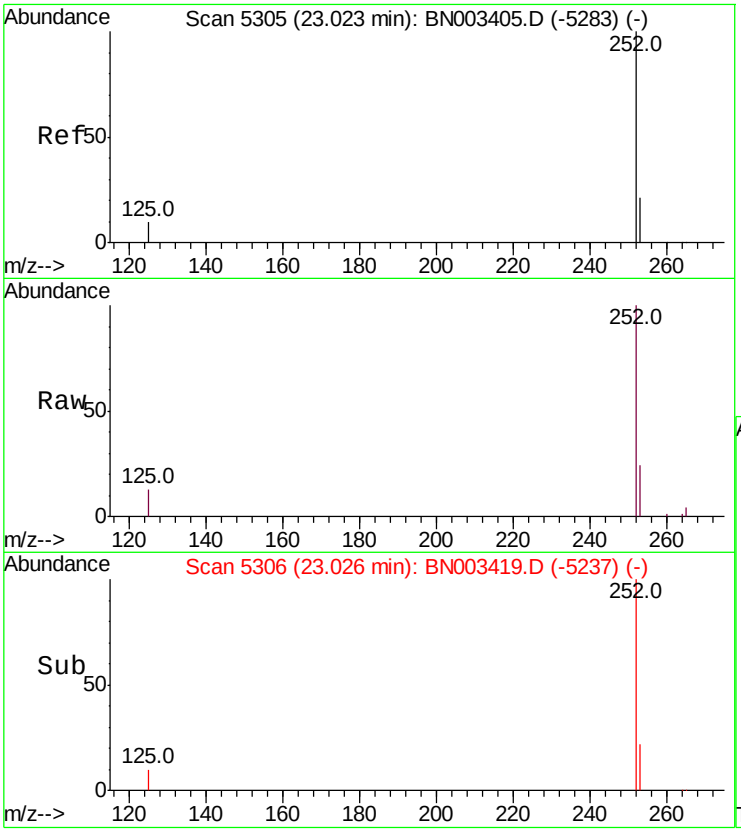


#19
Chrysene
Concen: 1.520 ng/ul
RT: 21.45 min Scan# 4766
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:228 Resp: 188938

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	22.6	15.5	23.3

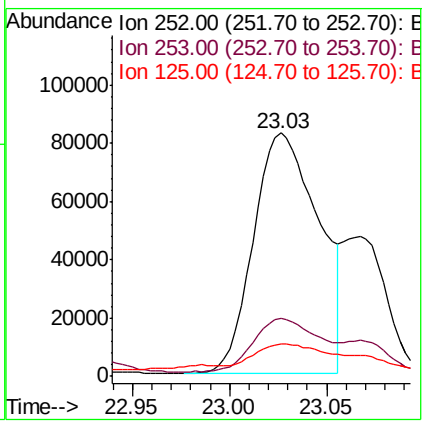




#21
Benzo(b)fluoranthene
Concen: 1.269 ng/ul m
RT: 23.03 min Scan# 5306
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:252 Resp: 193322

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	45.6
125	13.2	0.0	21.8



Instrument :
BNA_N
ClientSampleId :
A40K3DL

Manual Integrations APPROVED
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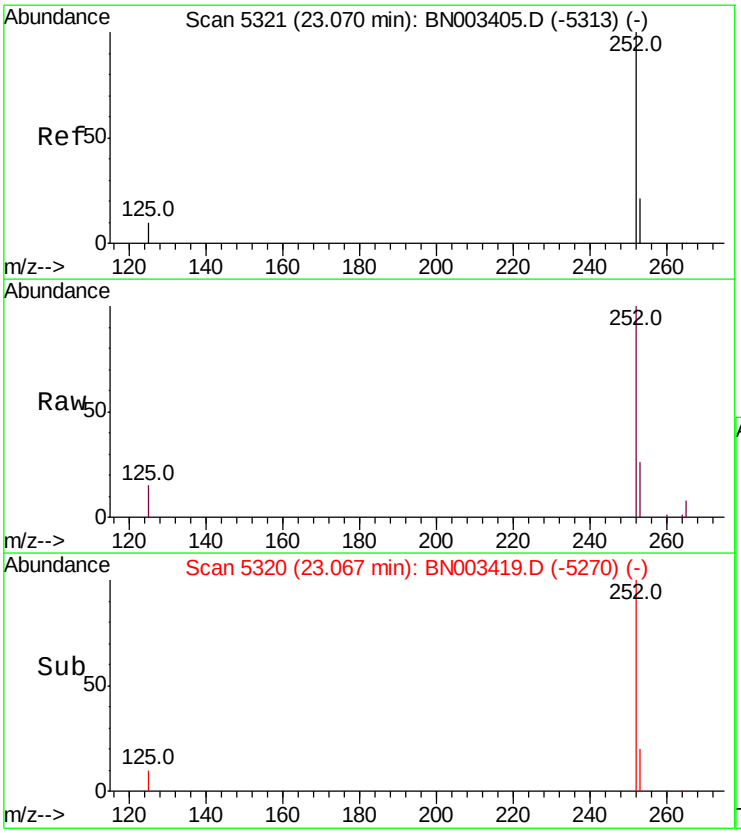
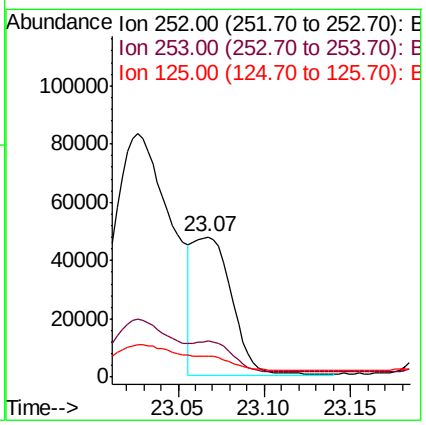
11/5/2018 4:09:28 PM

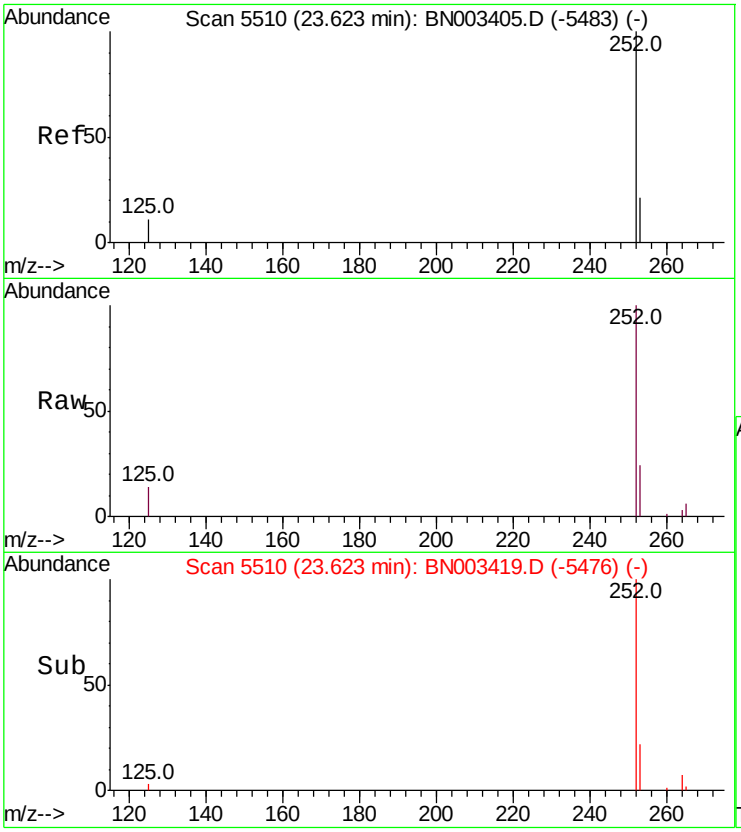


#22
Benzo(k)fluoranthene
Concen: 0.506 ng/ul m
RT: 23.07 min Scan# 5320
Delta R.T. -0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:252 Resp: 74592

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.4
125	14.6	8.6	13.0#





#23
Benzo(a)pyrene
Concen: 1.032 ng/ul
RT: 23.62 min Scan# 5510
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:252 Resp: 131250

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	14.2	9.9	14.9

Instrument :
BNA_N
ClientSampleId :
A40K3DL

Manual Integrations APPROVED
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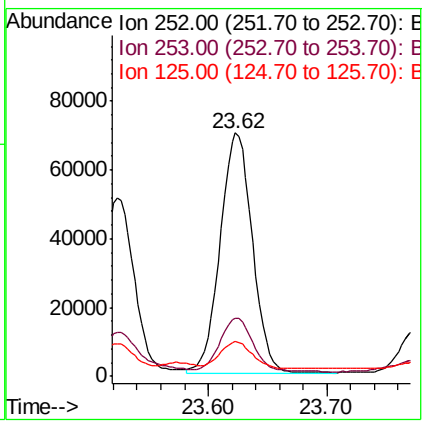
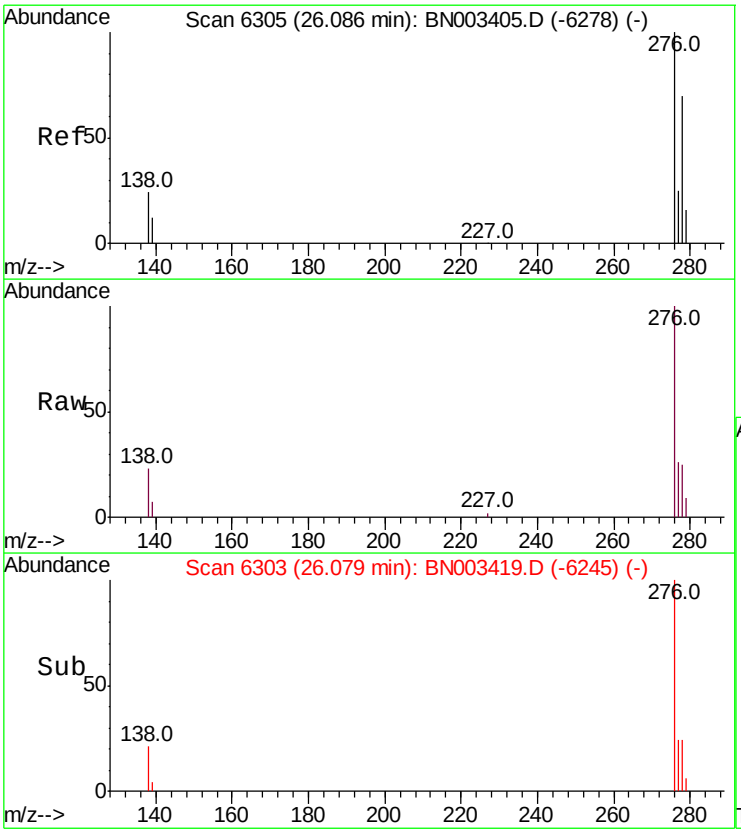
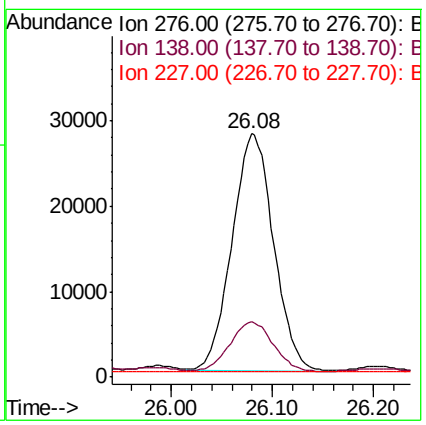


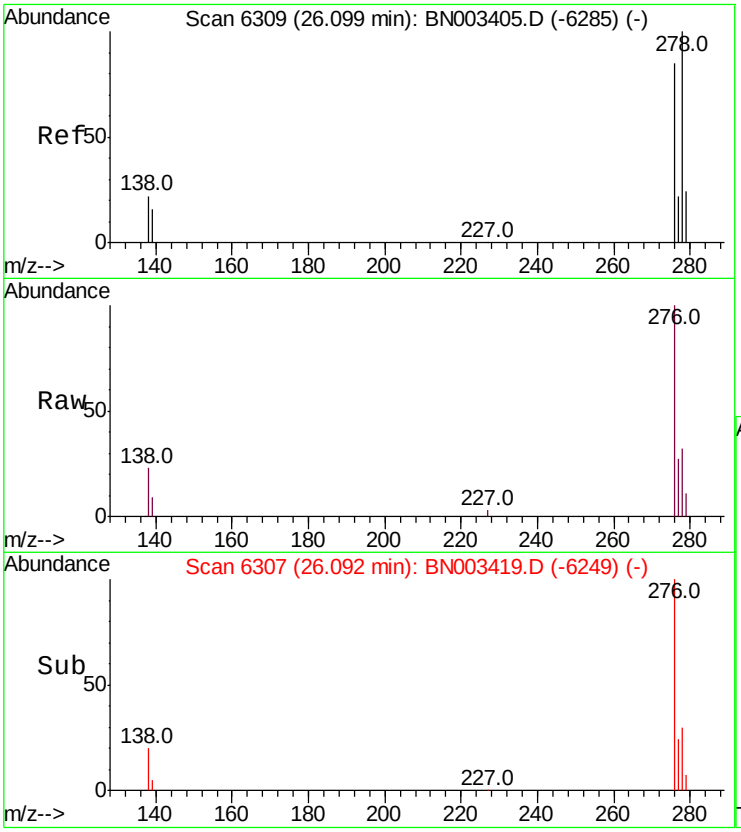


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.584 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:276 Resp: 79520

Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.8	29.8
227	0.0	0.2	0.2#





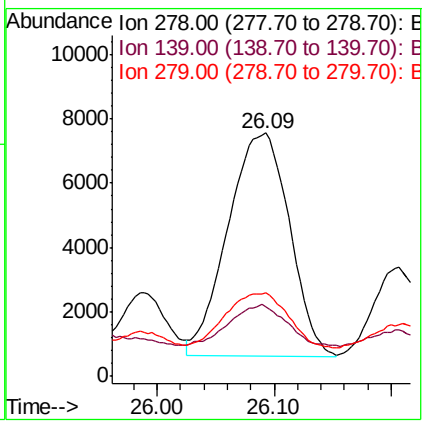
#25
Dibenzo(a,h)anthracene
Concen: 0.228 ng/ul
RT: 26.09 min Scan# 6307
Delta R.T. -0.01 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

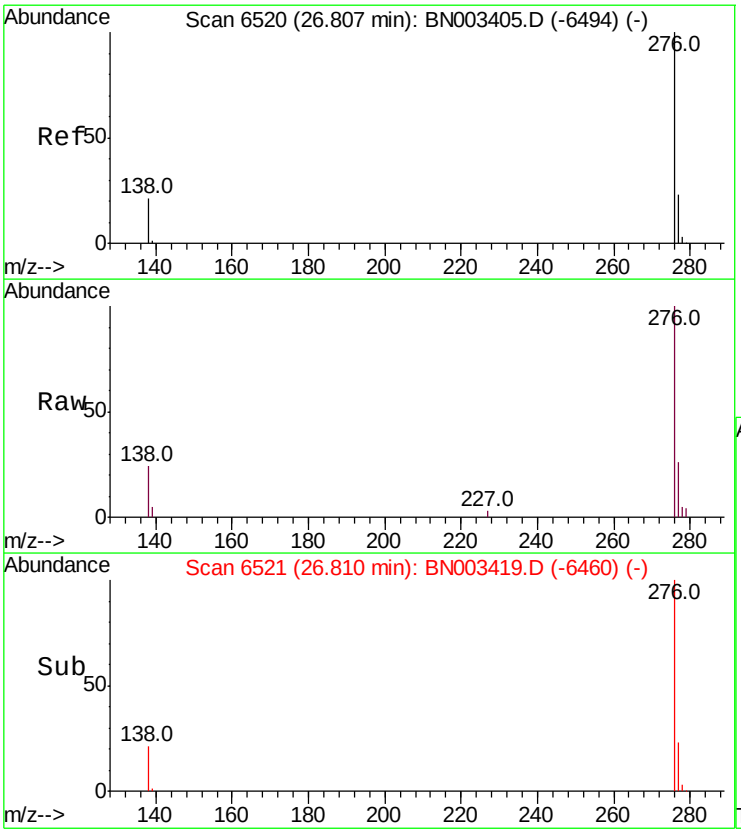
Tgt Ion:278 Resp: 25289

Ion	Ratio	Lower	Upper
278	100		
139	28.6	13.1	19.7#
279	34.3	19.5	29.3#

Instrument :
BNA_N
ClientSampleId :
A40K3DL

Manual Integrations APPROVED
Sohil
11/5/2018 4:09:28 PM





#26
Benzo(g,h,i)perylene
Concen: 0.504 ng/ul
RT: 26.81 min Scan# 6521
Delta R.T. 0.00 min
Lab File: BN003419.D
Acq: 03 Nov 2018 00:33

Tgt Ion:276 Resp: 58808

Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.0	25.6
277	26.4	19.2	28.8