Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003119.D
Acq On : 12 Oct 2018 00:43
Operator : MJ/SJ
Sample : J5230-11DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z07DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:29 PM

Quant Time: Oct 12 07:20:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1594	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	6816	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3946	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8714	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	6377	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5315	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	629	0.06	ng/ul	0.01
14) Fluoranthene-d10	19.05	212	1422	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.45	128	2102	0.120	ng/ul	94
5) 2-Methylnaphthalene	12.09	142	1307	0.109	ng/ul	98
7) Acenaphthylene	13.98	152	14840	0.822	ng/ul	98
8) Acenaphthene	14.32	153	1369	0.100	ng/ul	97
9) Fluorene	15.32	166	1624	0.103	ng/ul#	95
12) Phenanthrene	17.06	178	34608	1.425	ng/ul	99
13) Anthracene	17.15	178	16464	0.718	ng/ul	99
15) Fluoranthene	19.09	202	126978	4.456	ng/ul	97
17) Pyrene	19.45	202	109002	4.401	ng/ul	97
18) Benzo(a)anthracene	21.21	228	49025	2.389	ng/ul	99
19) Chrysene	21.26	228	57705	2.769	ng/ul	100
21) Benzo(b)fluoranthene	22.78	252	71194m	3.719	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	24392m	1.229	ng/ul	
23) Benzo(a)pyrene	23.34	252	34145	1.990	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.64	276	27573	1.399	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	7981	0.506	ng/ul	98
26) Benzo(g,h,i)perylene	26.33	276	22985	1.383	ng/ul	94

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_N
ClientSampleId :
A3Z07DL

Manual Integrations APPROVED
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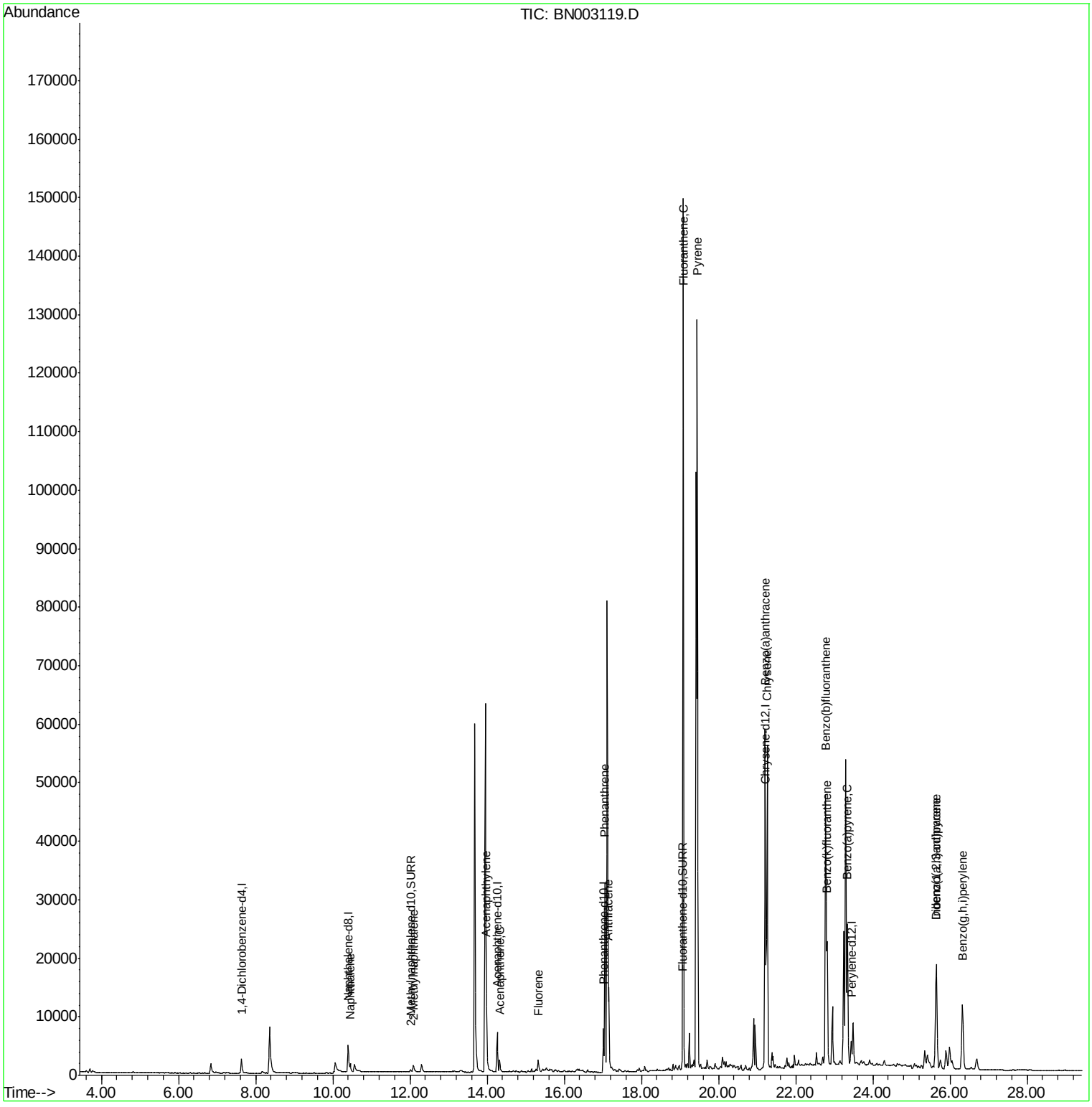
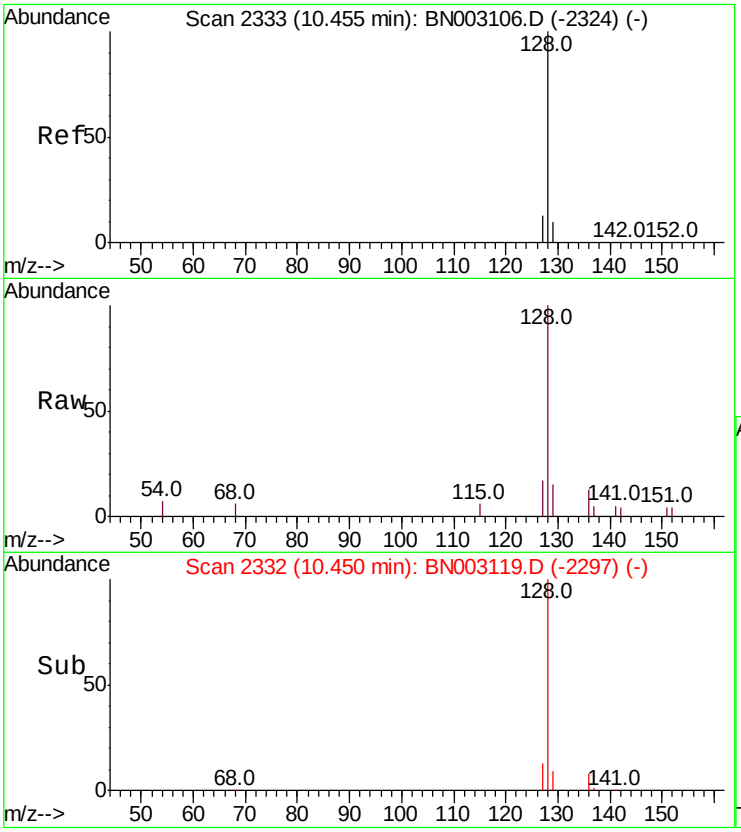
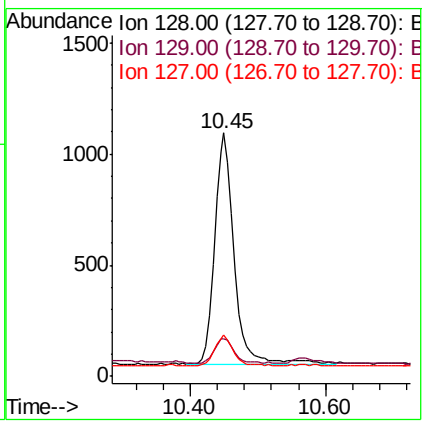




#3
Naphthalene
Concen: 0.120 ng/ul
RT: 10.45 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:128 Resp: 2102

Ion	Ratio	Lower	Upper
128	100		
129	15.3	10.4	15.6
127	17.1	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
A3Z07DL

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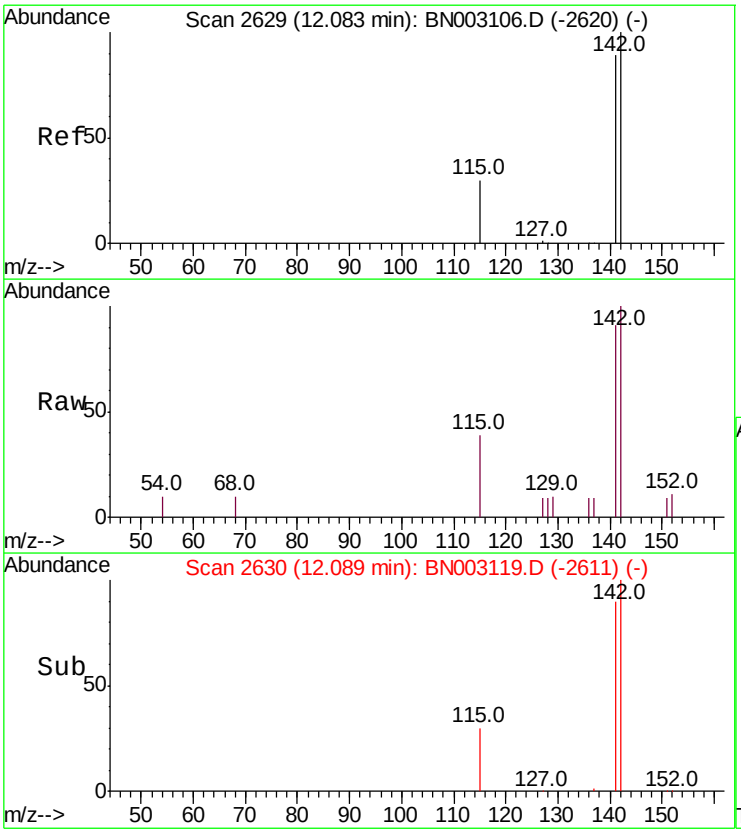
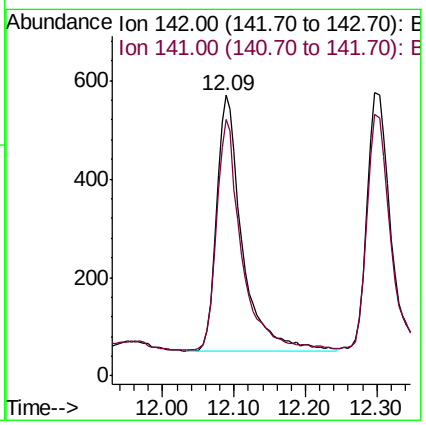
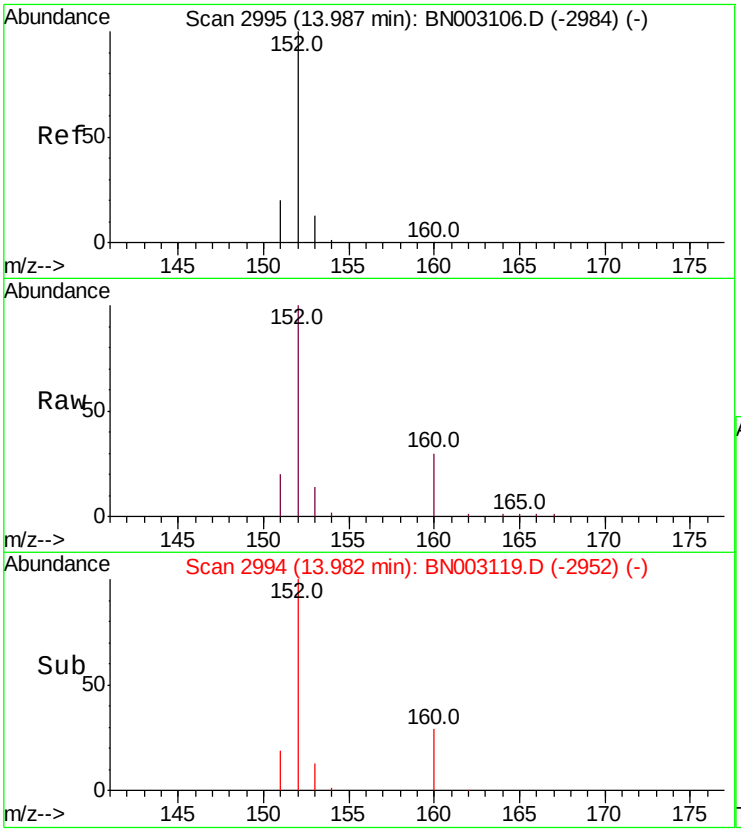


#5
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.09 min Scan# 2630
Delta R.T. 0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:142 Resp: 1307

Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.4	110.0





#7
Acenaphthylene
Concen: 0.822 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.00 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:152 Resp: 14840

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.5	24.7
153	13.6	11.4	17.2

Instrument :
BNA_N
ClientSampleId :
A3Z07DL

Manual Integrations APPROVED
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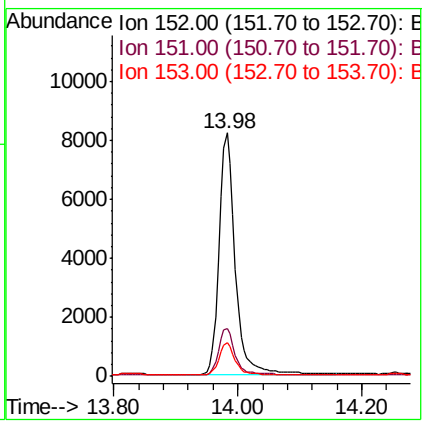
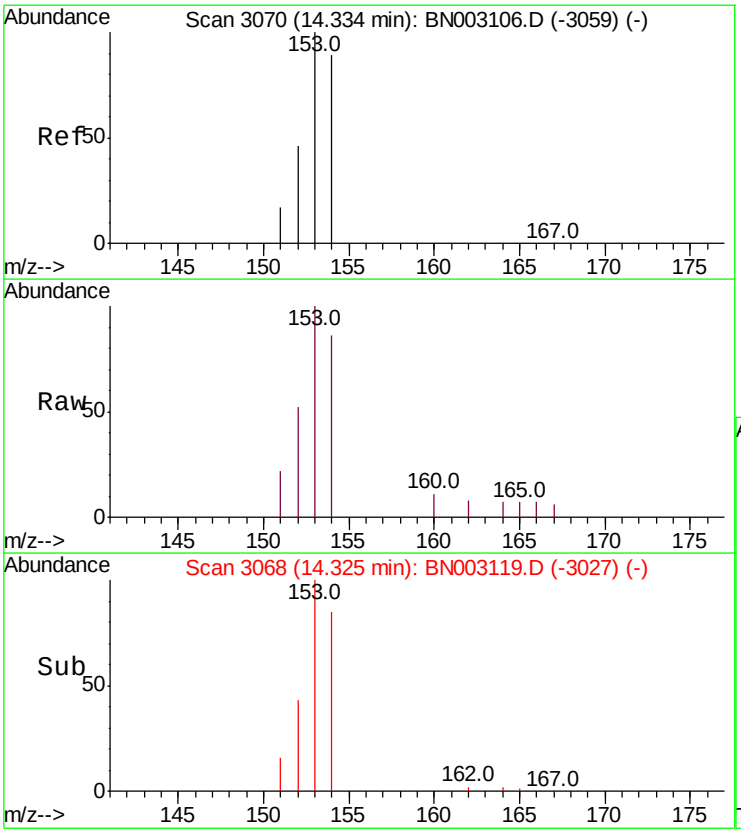
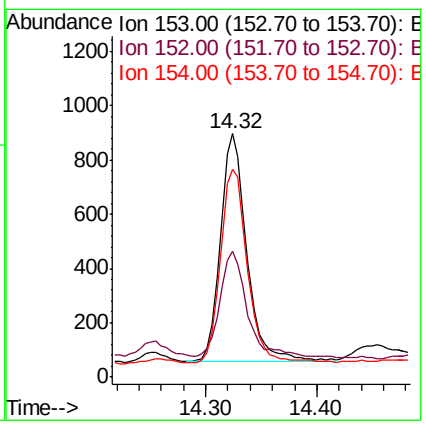


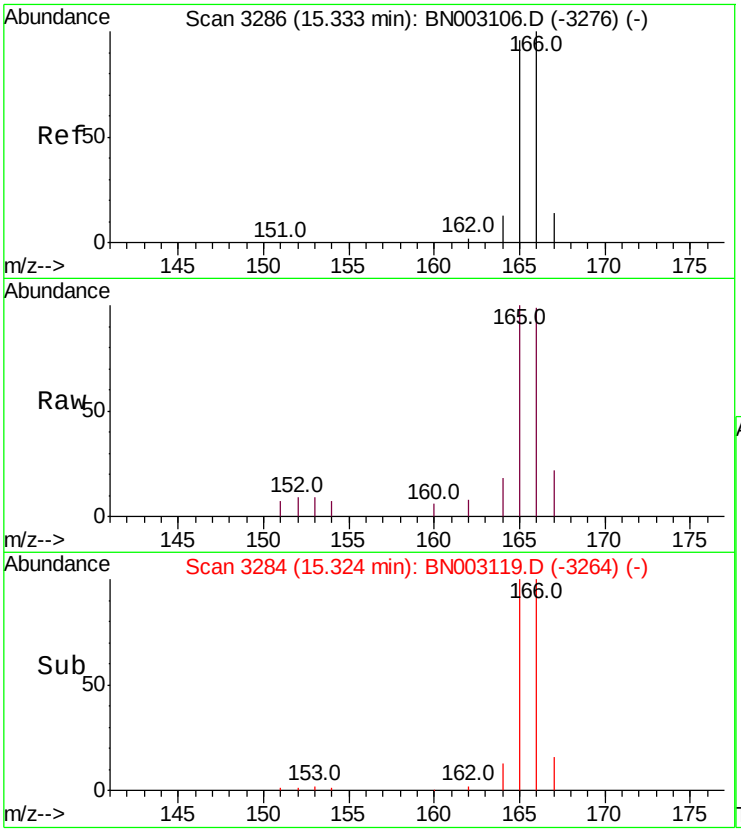


#8
Acenaphthene
Concen: 0.100 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:153 Resp: 1369

Ion	Ratio	Lower	Upper
153	100		
152	51.5	38.2	57.4
154	85.5	70.2	105.2

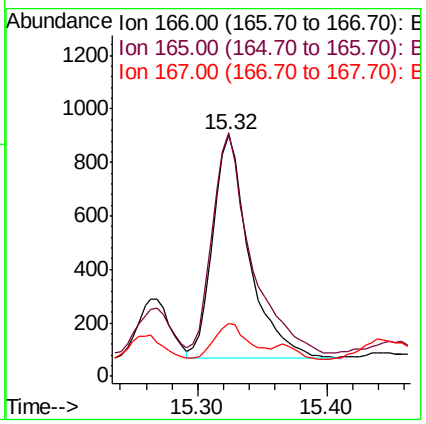




#9
Fluorene
Concen: 0.103 ng/ul
RT: 15.32 min Scan# 3284
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:166 Resp: 1624

Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.5	117.7
167	22.0	11.6	17.4#



Instrument :
BNA_N
ClientSampleId :
A3Z07DL

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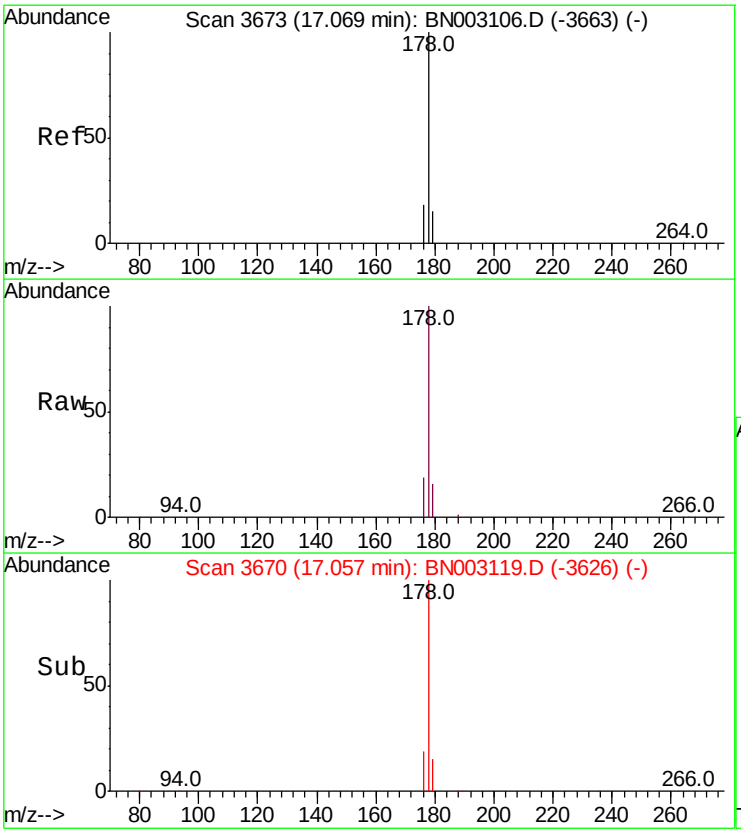
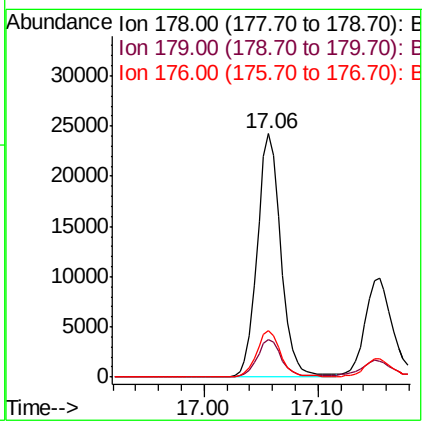
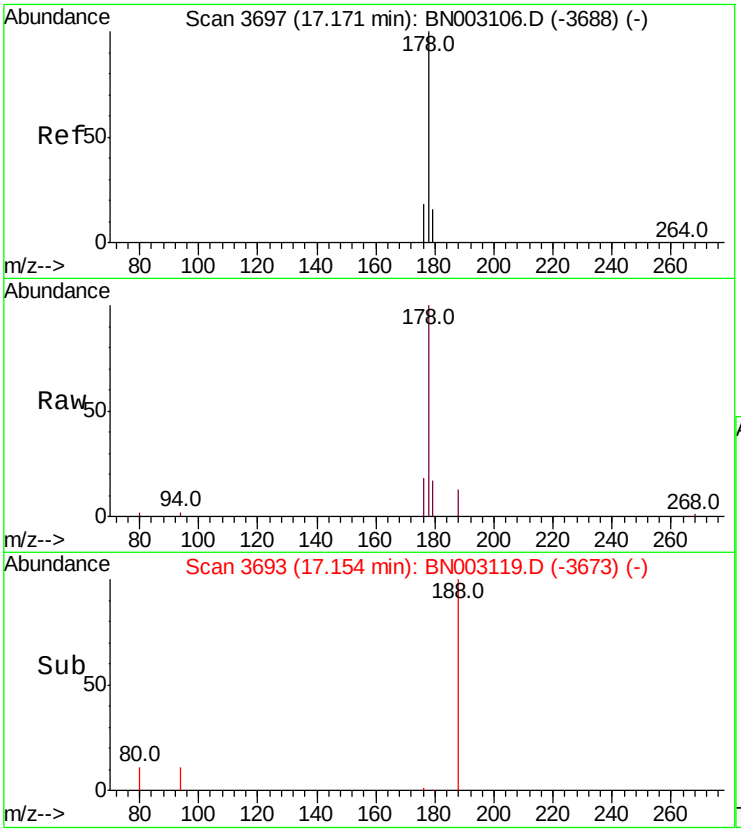


#12
Phenanthrene
Concen: 1.425 ng/ul
RT: 17.06 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:178 Resp: 34608

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.9	15.4	23.2

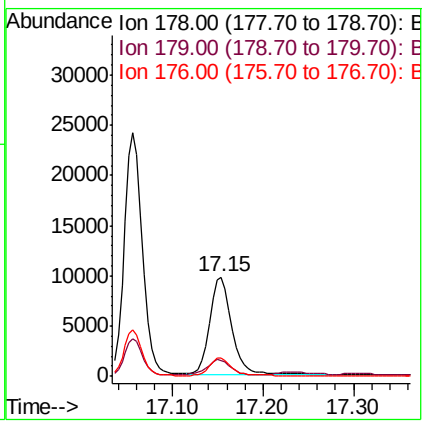




#13
Anthracene
Concen: 0.718 ng/ul
RT: 17.15 min Scan# 3693
Delta R.T. -0.02 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:178 Resp: 16464

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	18.3	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A3Z07DL

Manual Integrations APPROVED
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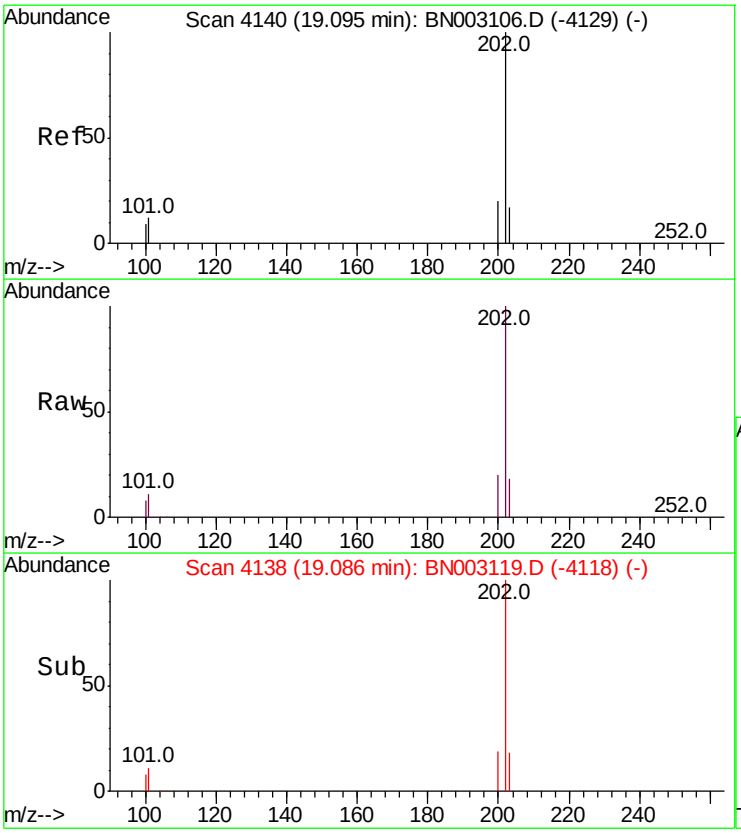
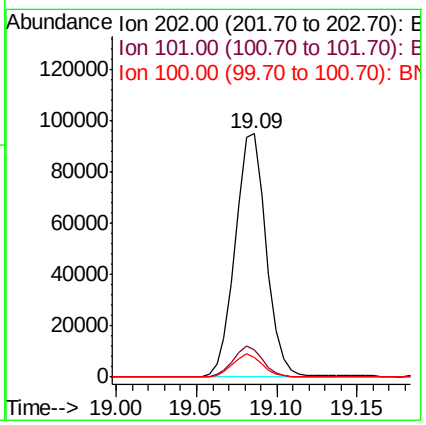
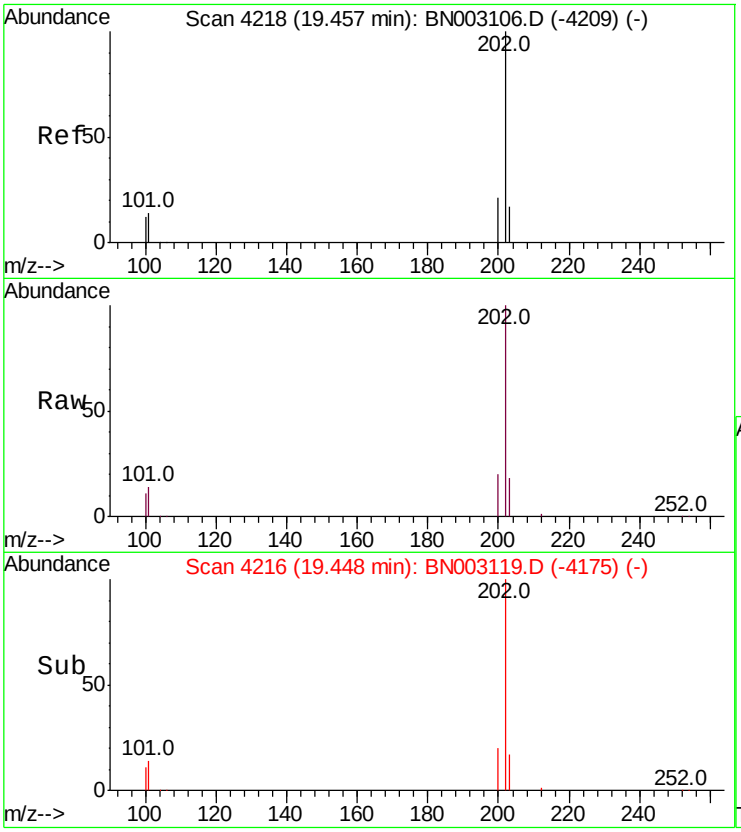


#15
Fluoranthene
Concen: 4.456 ng/ul
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:202 Resp: 126978

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.3
100	8.2	0.0	29.1





#17
Pyrene
Concen: 4.401 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:202 Resp: 109002

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.9	17.9
100	11.1	9.9	14.9

Instrument :
BNA_N
ClientSampleId :
A3Z07DL

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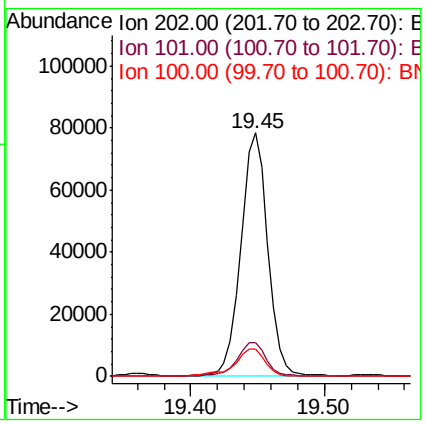
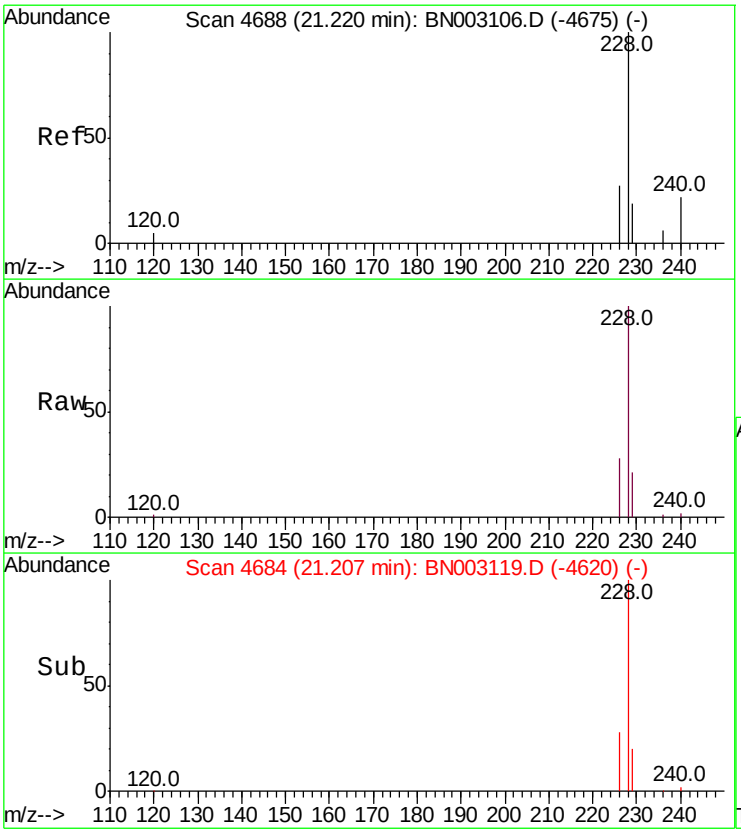
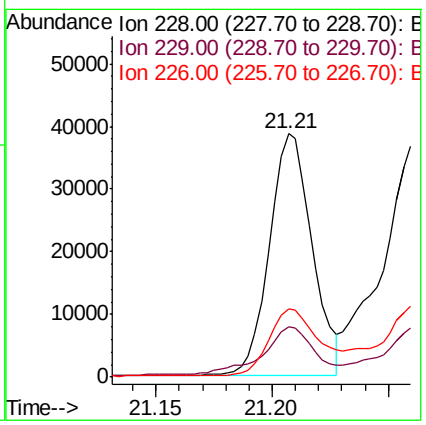


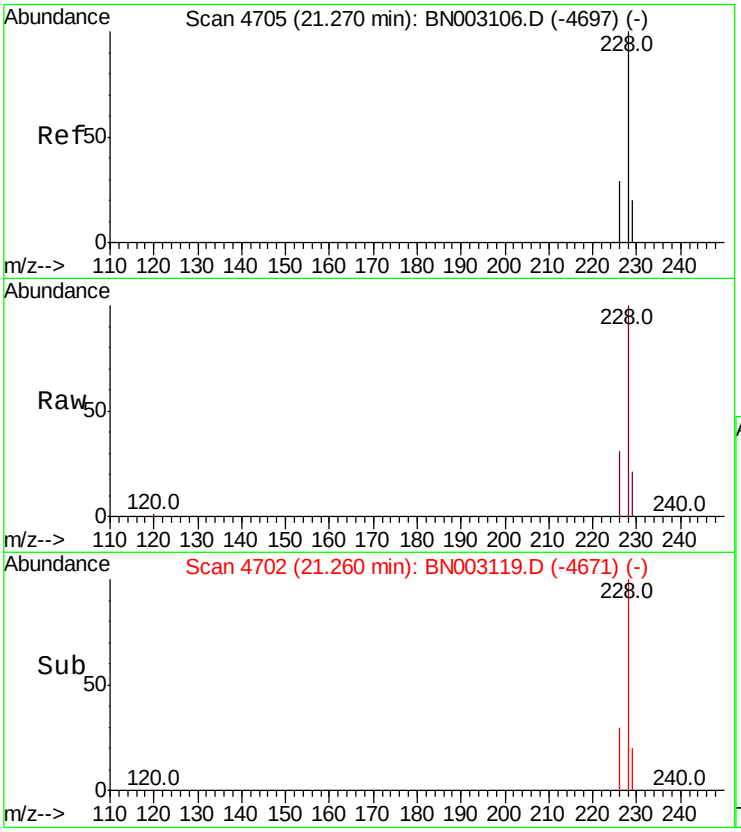


#18
Benzo(a)anthracene
Concen: 2.389 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:228 Resp: 49025

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.2
226	28.1	22.3	33.5

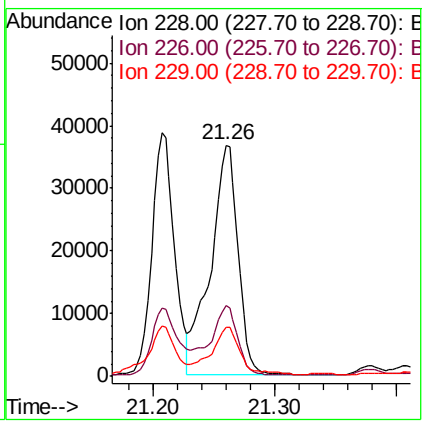




#19
Chrysene
Concen: 2.769 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:228 Resp: 57705

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	21.1	16.7	25.1



Instrument :
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Manual Integrations APPROVED
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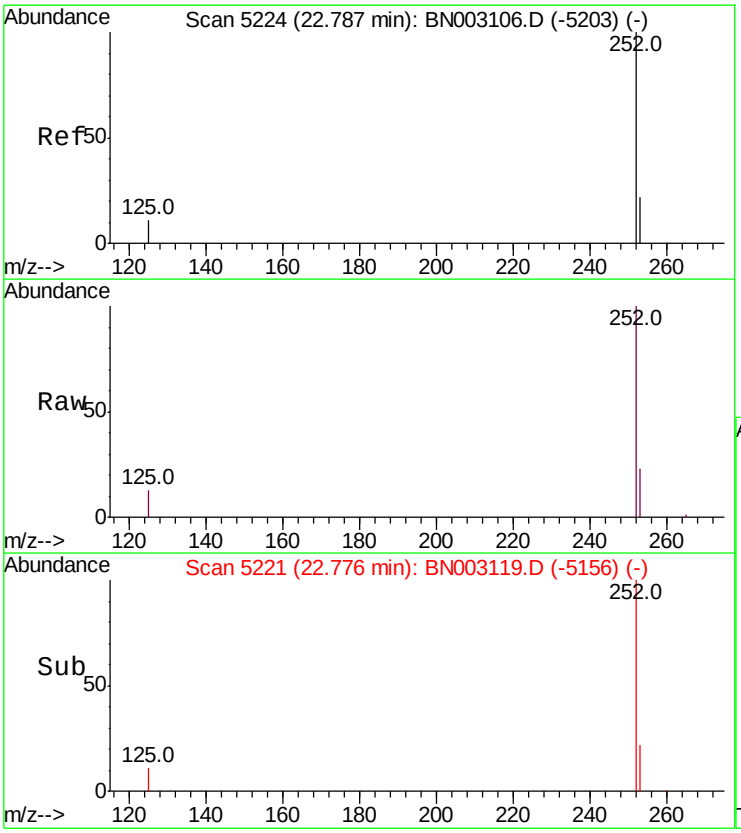
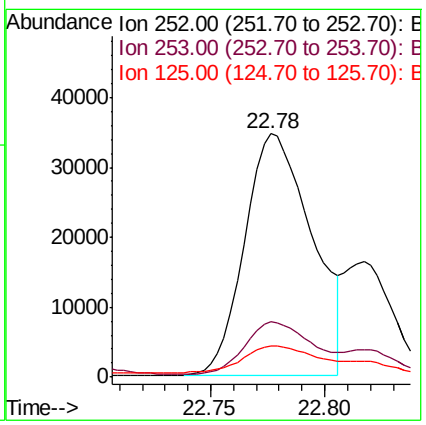
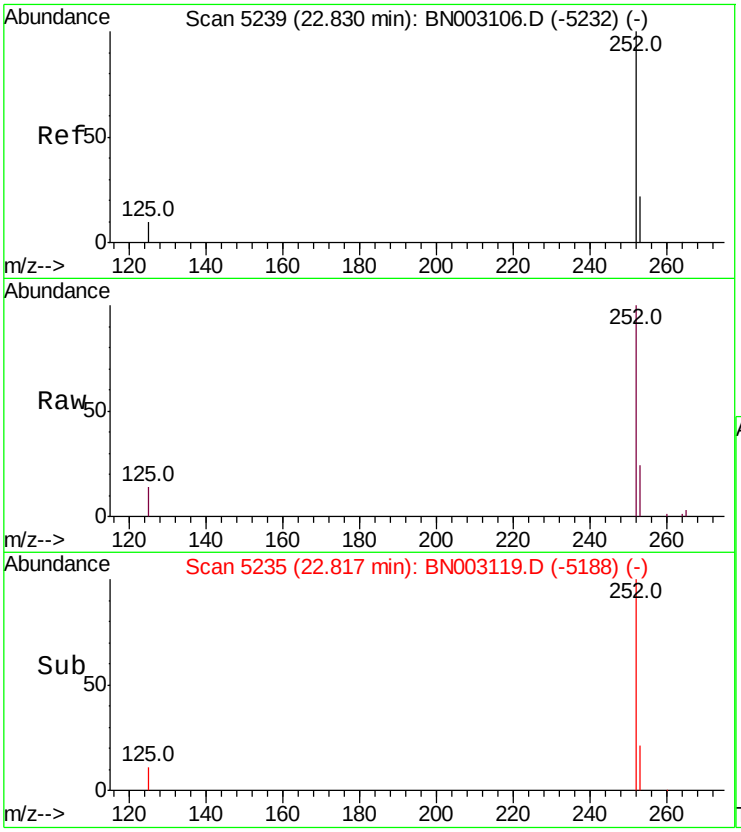


#21
Benzo(b)fluoranthene
Concen: 3.719 ng/ul m
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:252 Resp: 71194

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	53.2
125	12.6	0.0	34.2





#22
Benzo(k)fluoranthene
Concen: 1.229 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:252 Resp: 24392

Ion	Ratio	Lower	Upper
252	100		
253	24.1	21.3	31.9
125	13.8	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
A3Z07DL

Manual Integrations APPROVED
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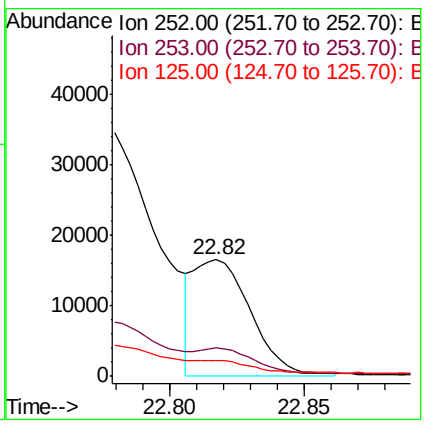
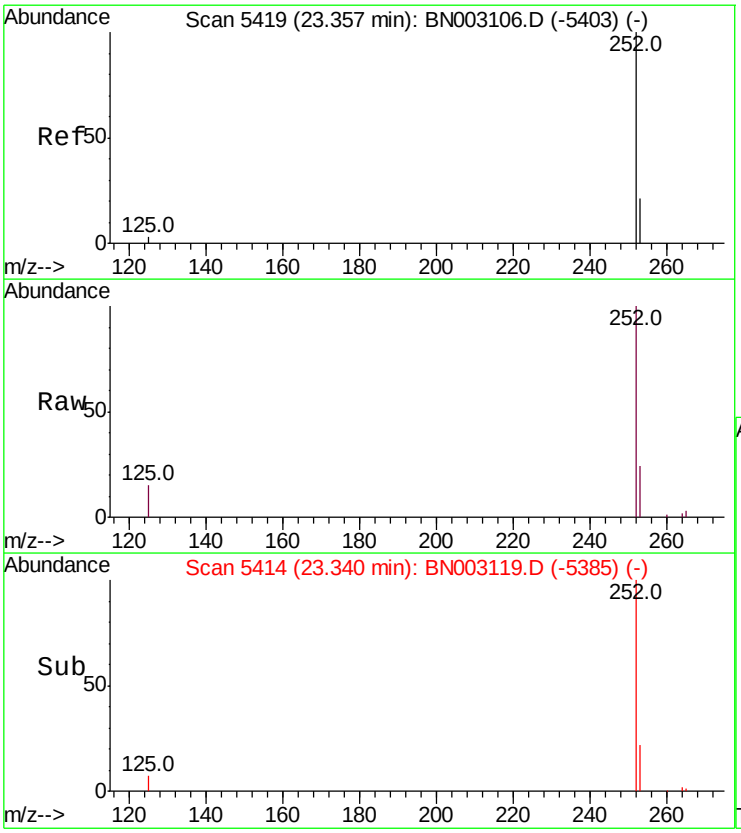
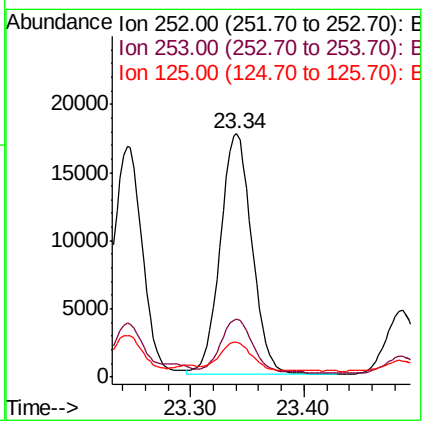


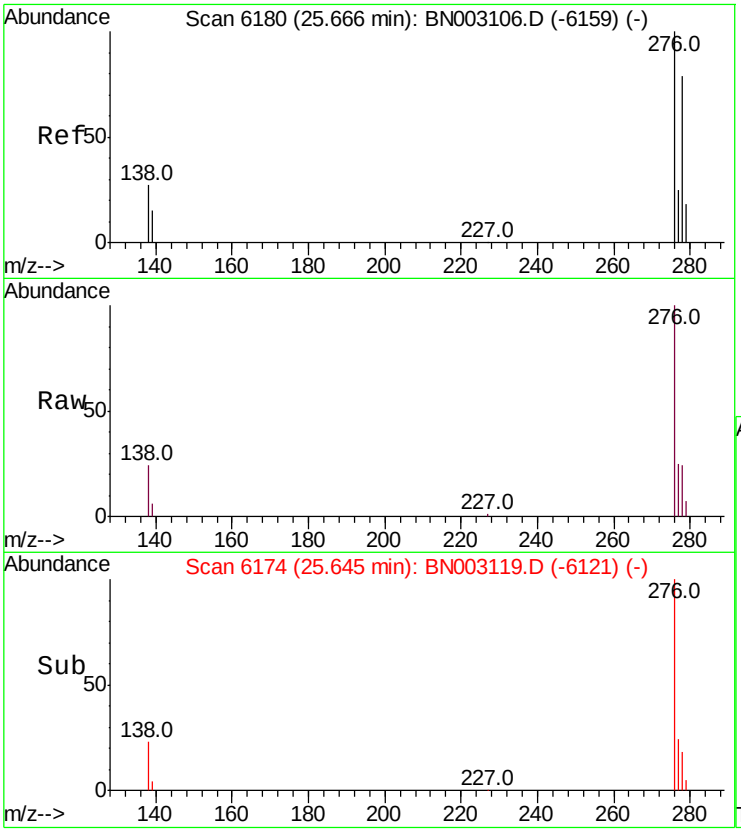


#23
Benzo(a)pyrene
Concen: 1.990 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.02 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:252 Resp: 34145

Ion	Ratio	Lower	Upper
252	100		
253	23.9	23.1	34.7
125	14.6	16.9	25.3#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.399 ng/ul
RT: 25.64 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:276 Resp: 27573

Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.5	32.3
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A3Z07DL

Manual Integrations APPROVED
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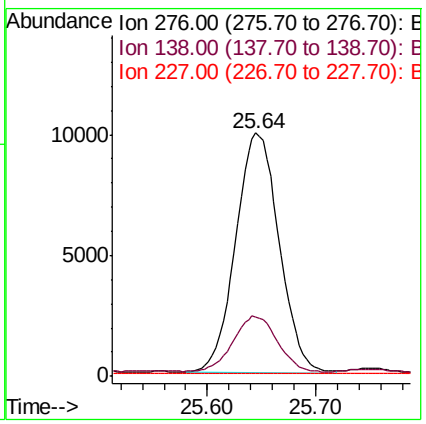
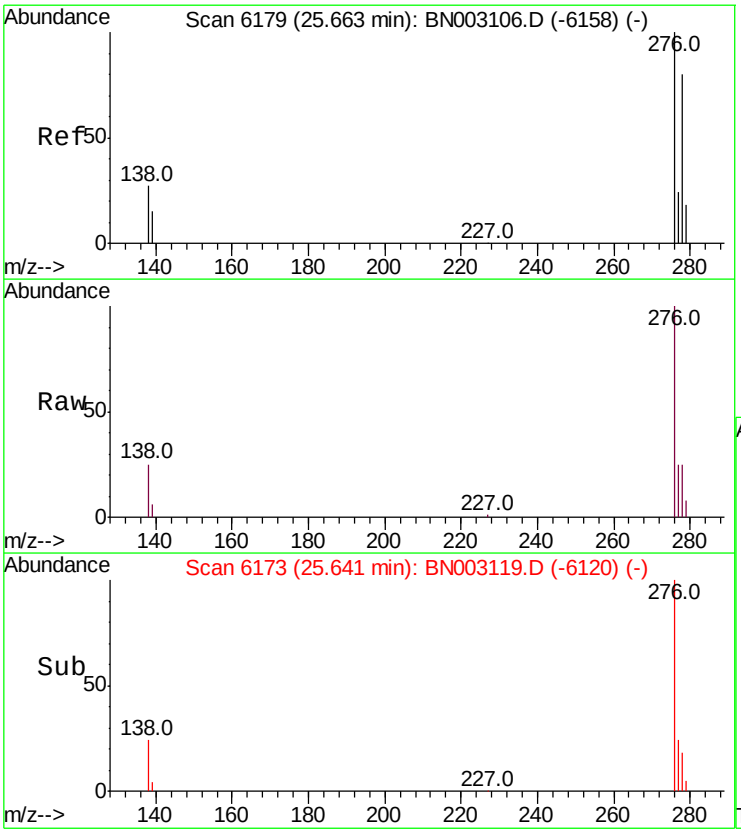
10/12/2018 6:38:29 PM

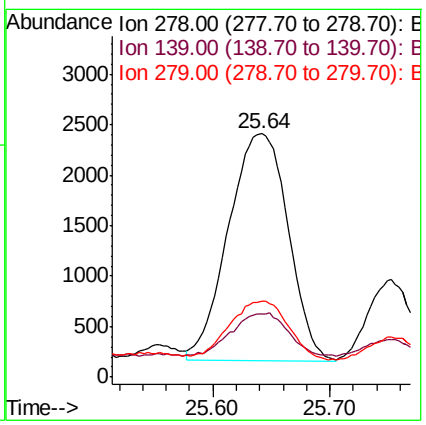


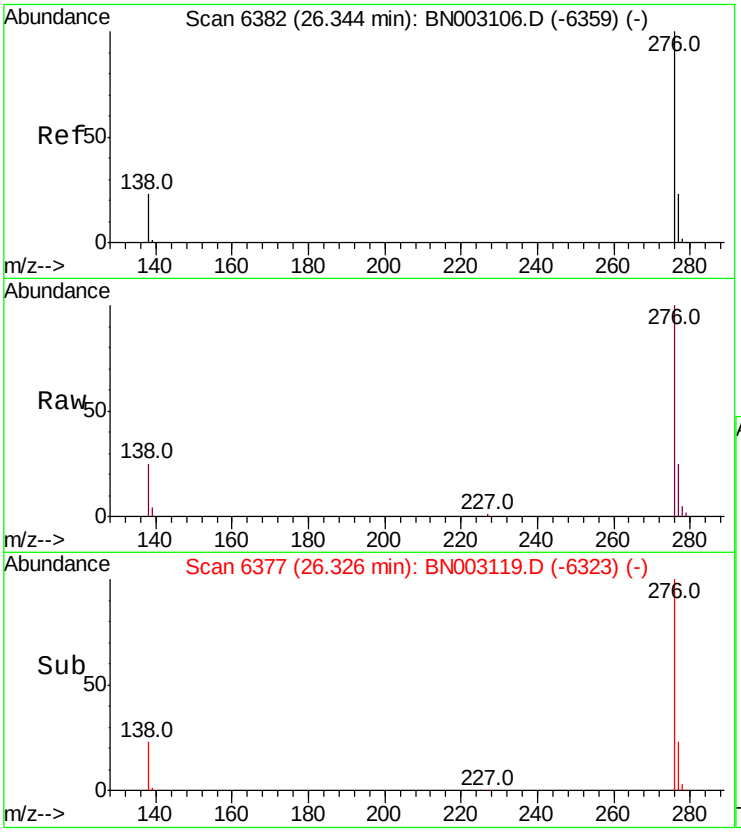


#25
Dibenzo(a,h)anthracene
Concen: 0.506 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:278 Resp: 7981

Ion	Ratio	Lower	Upper
278	100		
139	26.1	20.2	30.4
279	31.2	23.8	35.8

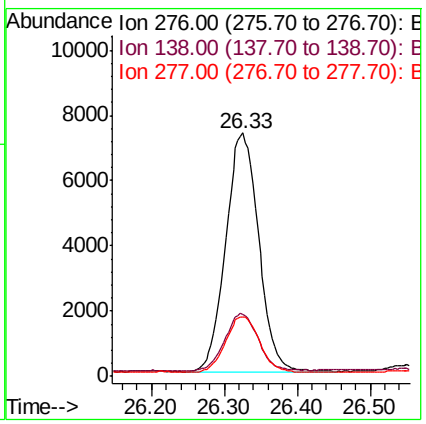




#26
Benzo(g,h,i)perylene
Concen: 1.383 ng/ul
RT: 26.33 min Scan# 6377
Delta R.T. -0.02 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:276 Resp: 22985

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.0	34.4
277	24.6	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
A3Z07DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:29 PM