Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003139.D
Acq On : 12 Oct 2018 13:43
Operator : MJ/SJ
Sample : J5295-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY3MS

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:50 PM

Quant Time: Oct 12 14:52:16 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 07:27:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1573	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	6502	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3796	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7976	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5241	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5059	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1423	0.14	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	2893	0.13	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.45	128	12656	0.759	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	6095	0.531	ng/ul	97
7) Acenaphthylene	13.98	152	16443	0.947	ng/ul	99
8) Acenaphthene	14.32	153	16742	1.270	ng/ul	99
9) Fluorene	15.32	166	17026	1.128	ng/ul	99
11) Pentachlorophenol	16.71	266	153	0.198	ng/ul#	84
12) Phenanthrene	17.05	178	306595	13.790	ng/ul	99
13) Anthracene	17.15	178	56772	2.703	ng/ul	99
15) Fluoranthene	19.08	202	441782	16.937	ng/ul	99
17) Pyrene	19.45	202	388819	19.101	ng/ul	95
18) Benzo(a)anthracene	21.21	228	144201	8.550	ng/ul	99
19) Chrysene	21.26	228	151375	8.839	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	167432m	9.190	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	57346m	3.036	ng/ul	
23) Benzo(a)pyrene	23.35	252	111682	6.840	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.65	276	76976	4.102	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.65	278	20829	1.387	ng/ul#	88
26) Benzo(g,h,i)perylene	26.33	276	72751	4.598	ng/ul	96

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

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Manual Integrations APPROVED
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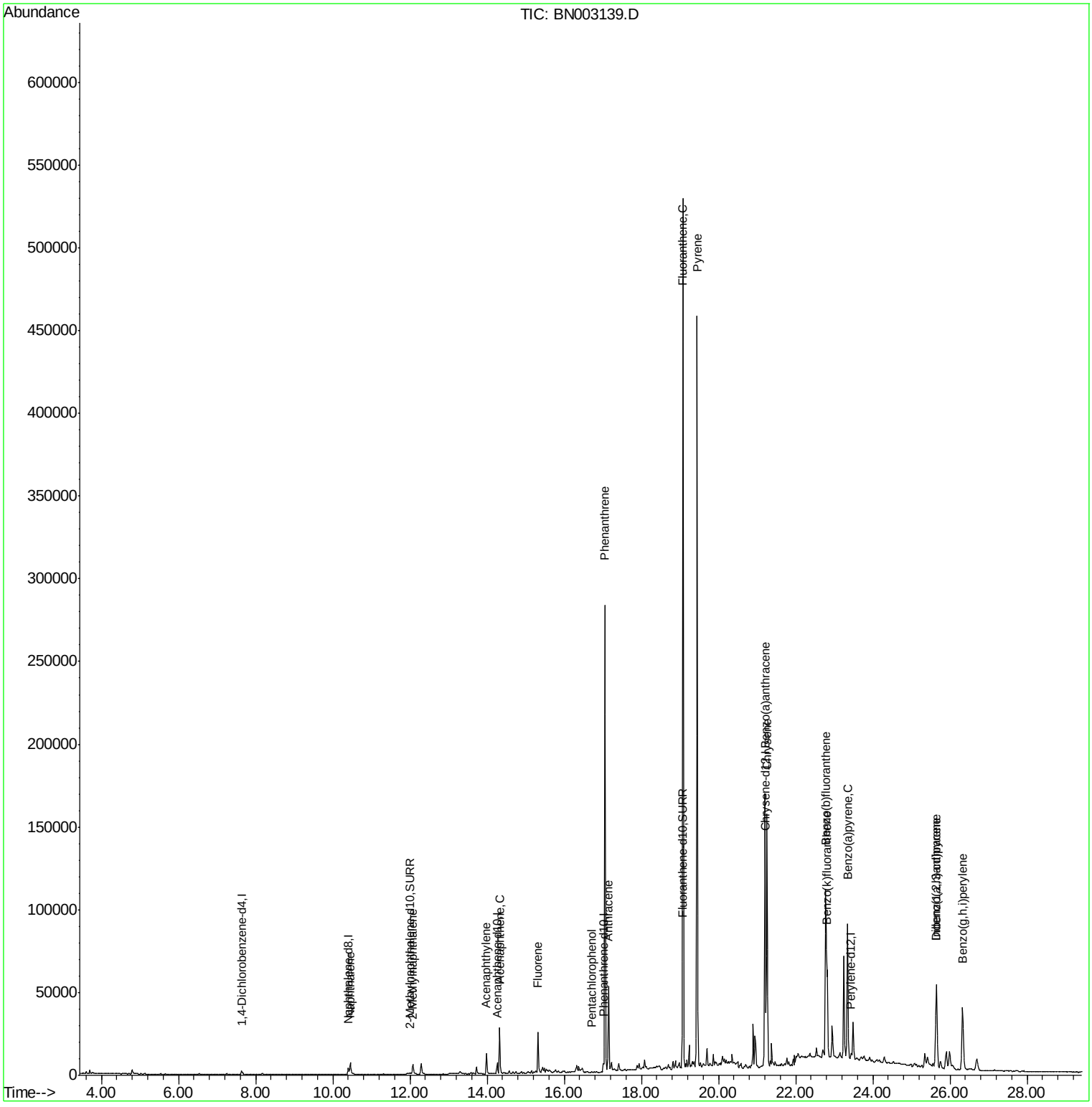
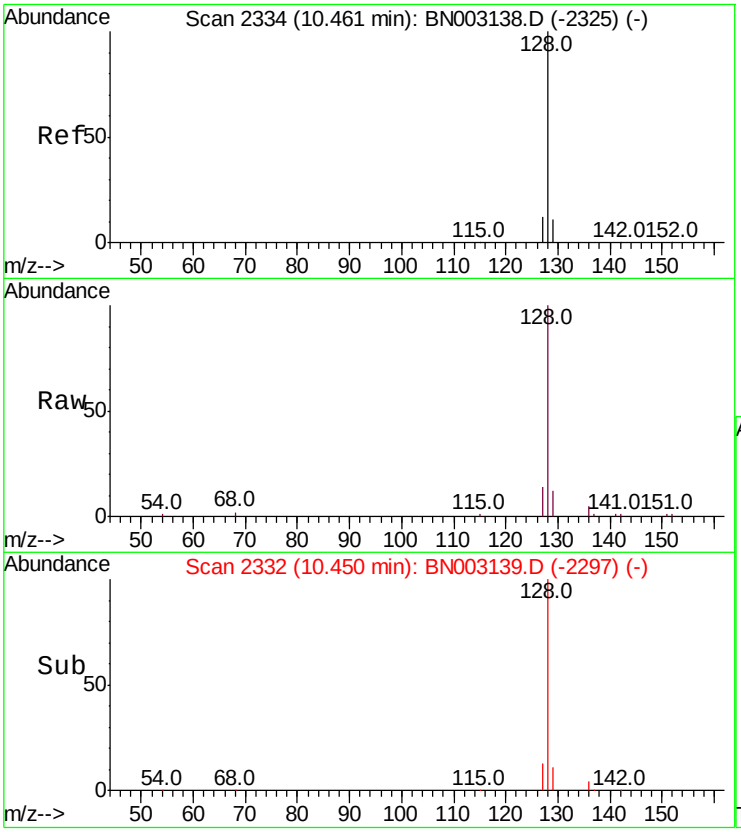
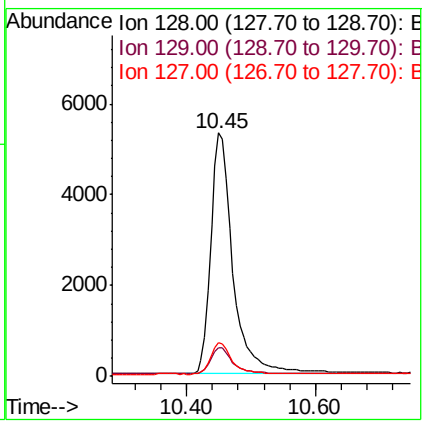




#3
Naphthalene
Concen: 0.759 ng/ul
RT: 10.45 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:128 Resp: 12656

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.4	15.6
127	13.9	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
A3YY3MS

Manual Integrations APPROVED
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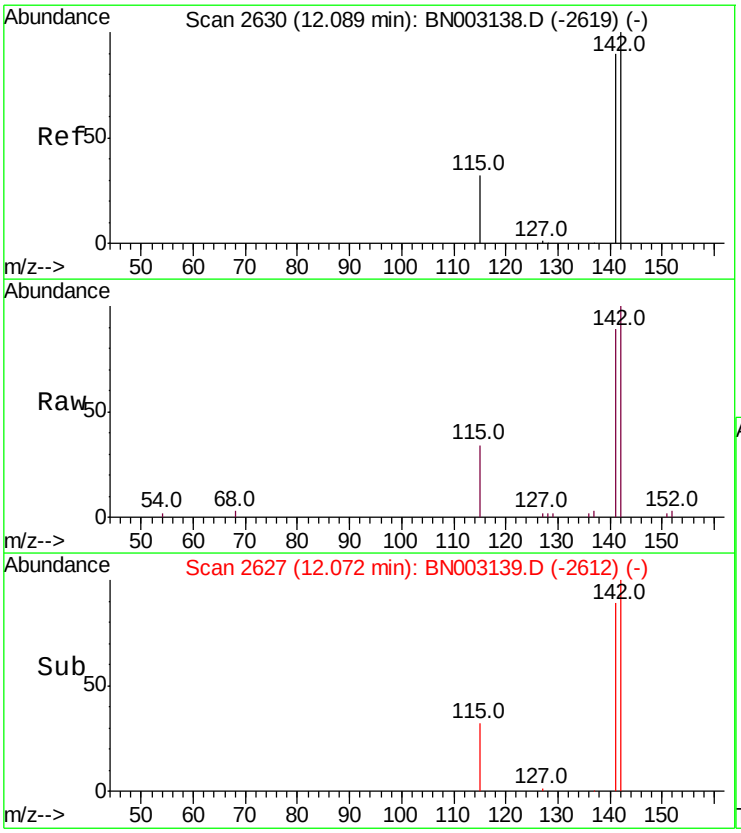
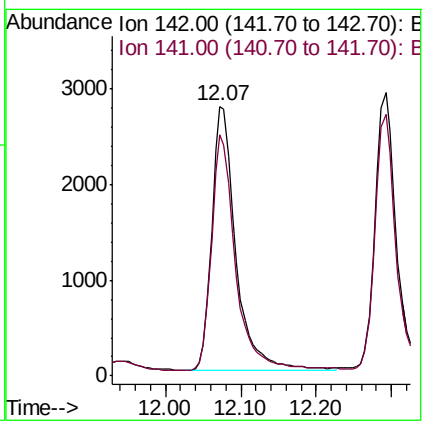
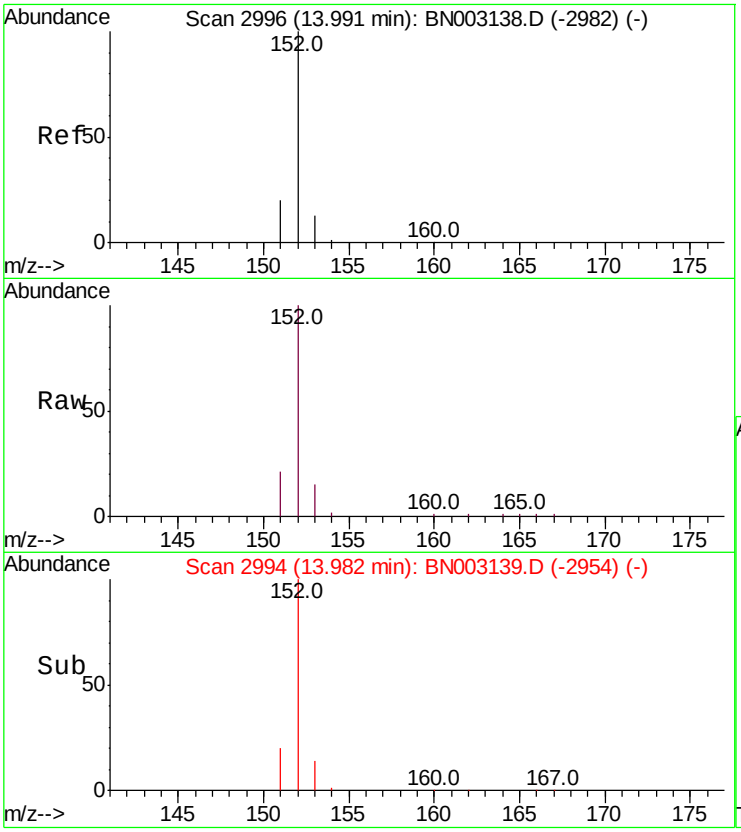


#5
2-Methylnaphthalene
Concen: 0.531 ng/ul
RT: 12.07 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:142 Resp: 6095

Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.4	110.0

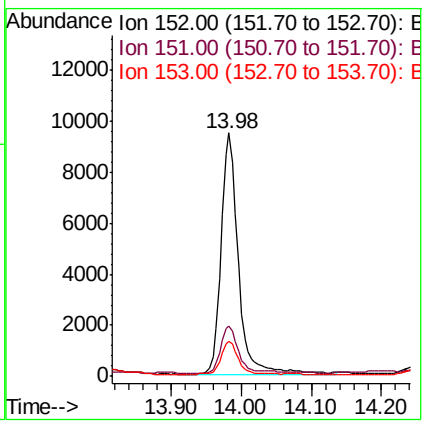




#7
Acenaphthylene
Concen: 0.947 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:152 Resp: 16443

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.5	24.7
153	14.6	11.4	17.2



Instrument :
BNA_N
ClientSampleId :
A3YY3MS

Manual Integrations APPROVED
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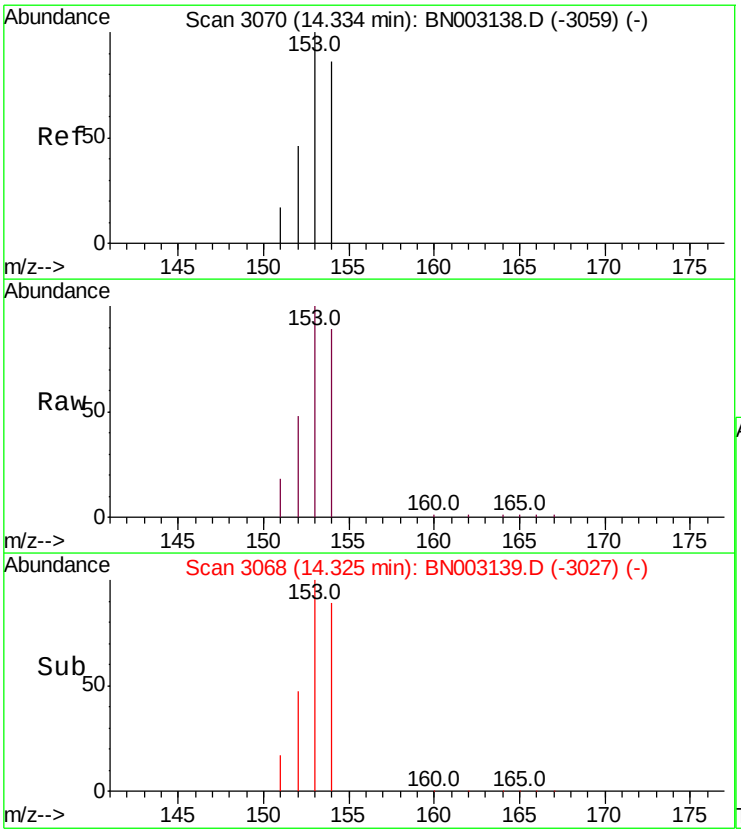
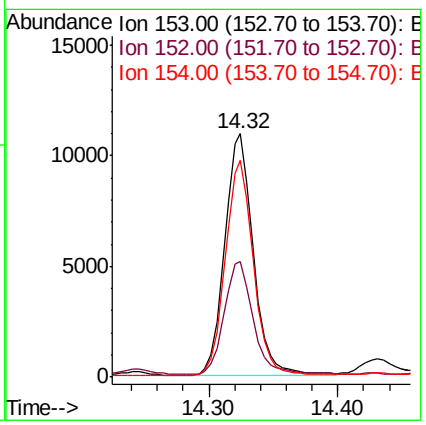
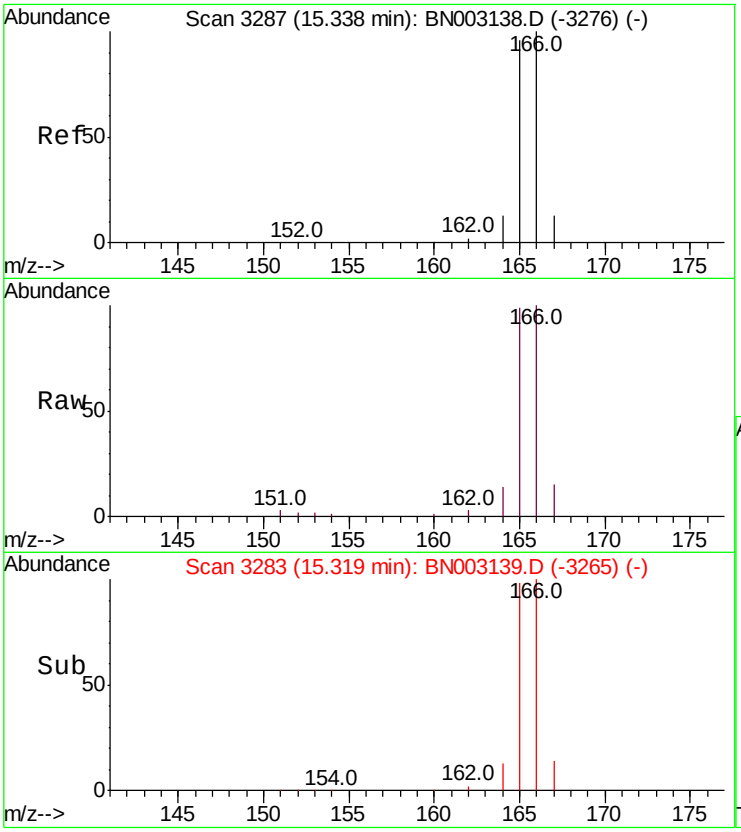


#8
Acenaphthene
Concen: 1.270 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:153 Resp: 16742

Ion	Ratio	Lower	Upper
153	100		
152	47.6	38.2	57.4
154	89.0	70.2	105.2

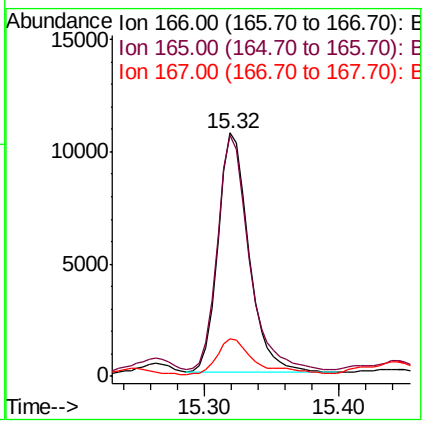




#9
Fluorene
Concen: 1.128 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.02 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:166 Resp: 17026

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.5	117.7
167	15.5	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
A3YY3MS

Manual Integrations APPROVED
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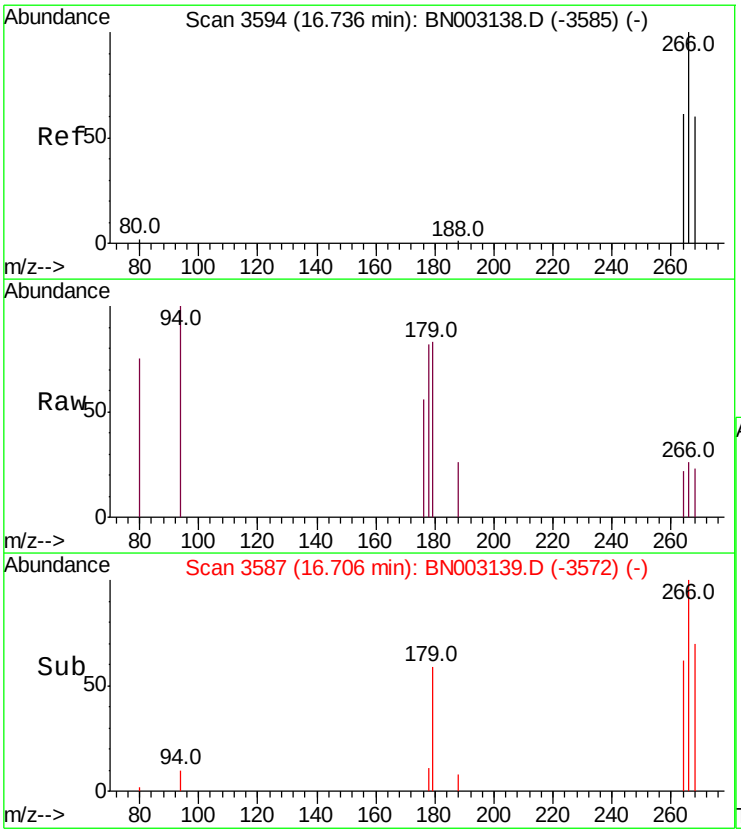
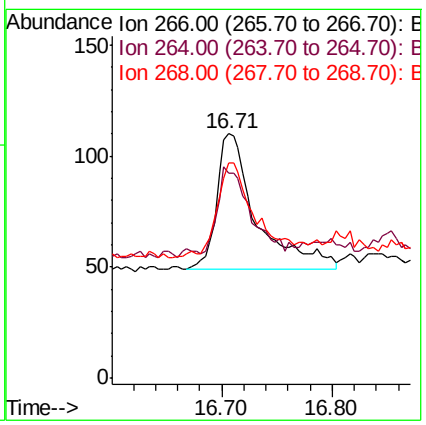
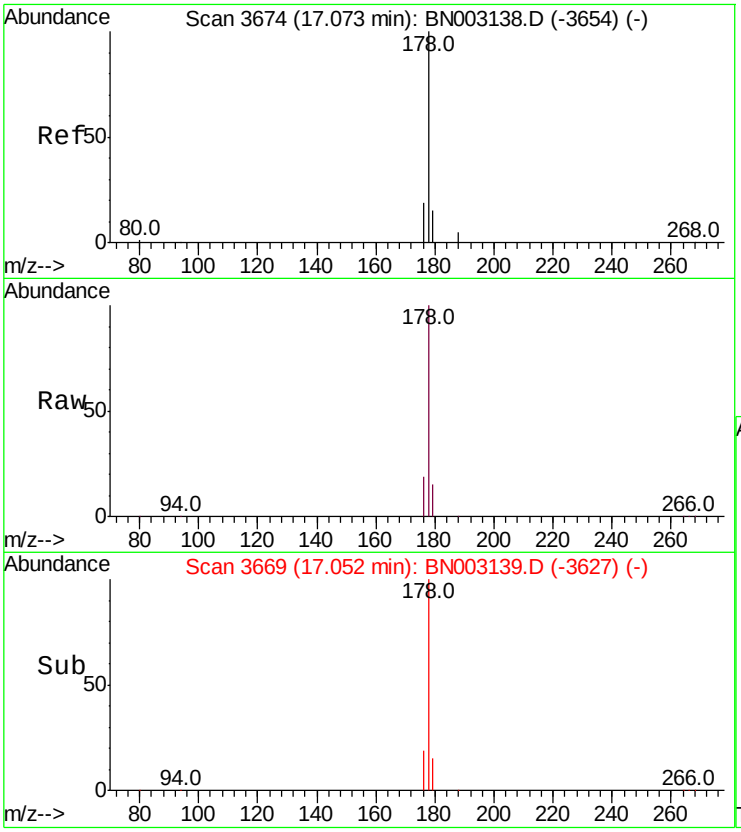


#11
Pentachlorophenol
Concen: 0.198 ng/ul
RT: 16.71 min Scan# 3587
Delta R.T. -0.04 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:266 Resp: 153

Ion	Ratio	Lower	Upper
266	100		
264	54.2	52.5	78.7
268	73.9	48.6	72.8#

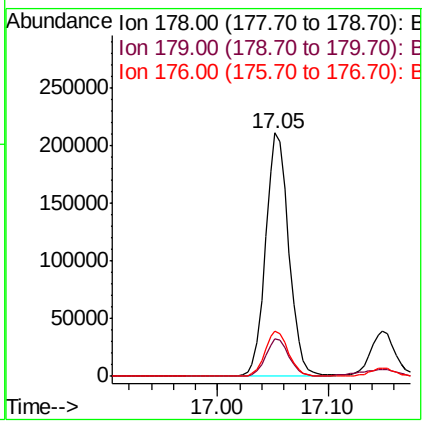




#12
Phenanthrene
Concen: 13.790 ng/ul
RT: 17.05 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:178 Resp: 306595

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.8	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
A3YY3MS

Manual Integrations APPROVED
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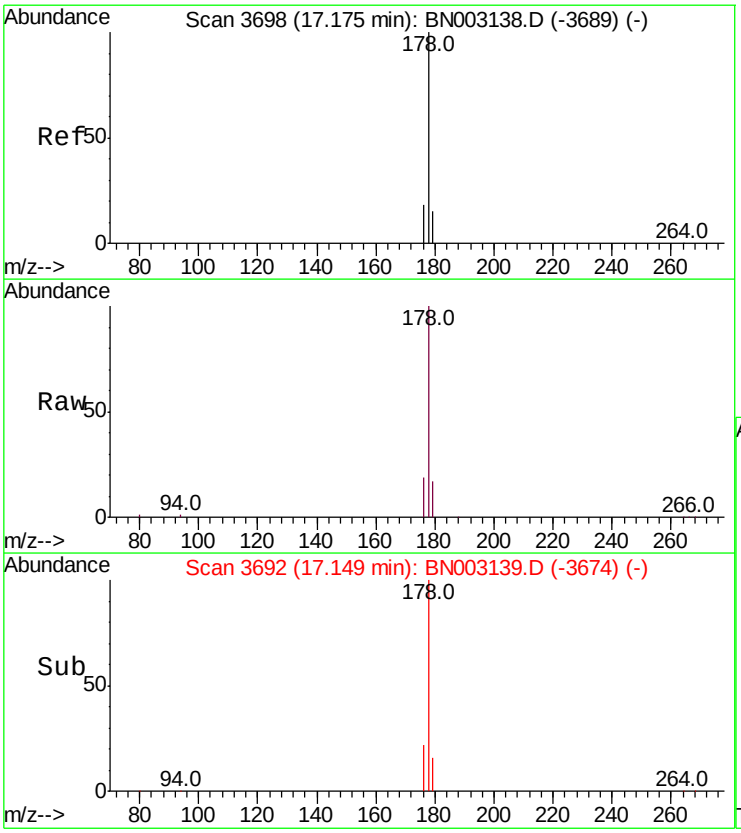
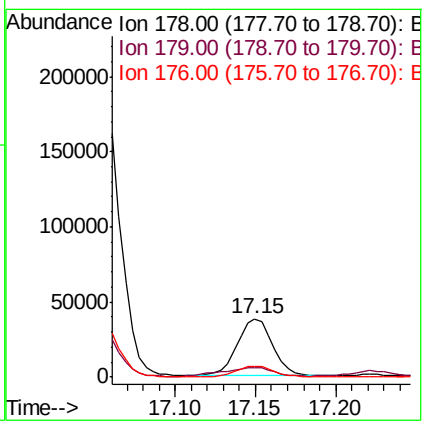
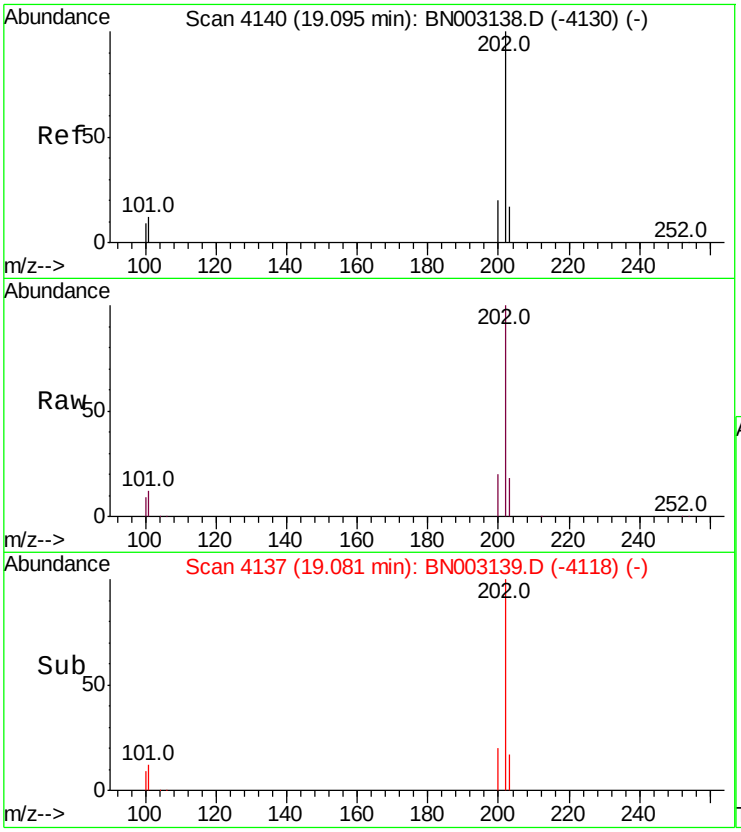


#13
Anthracene
Concen: 2.703 ng/ul
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:178 Resp: 56772

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	18.6	15.3	22.9

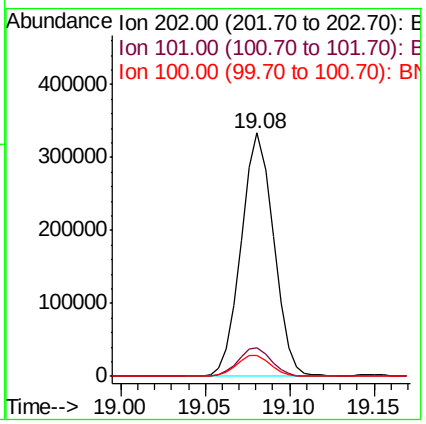




#15
Fluoranthene
Concen: 16.937 ng/ul
RT: 19.08 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:202 Resp: 441782

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.3
100	8.7	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
A3YY3MS

Manual Integrations APPROVED
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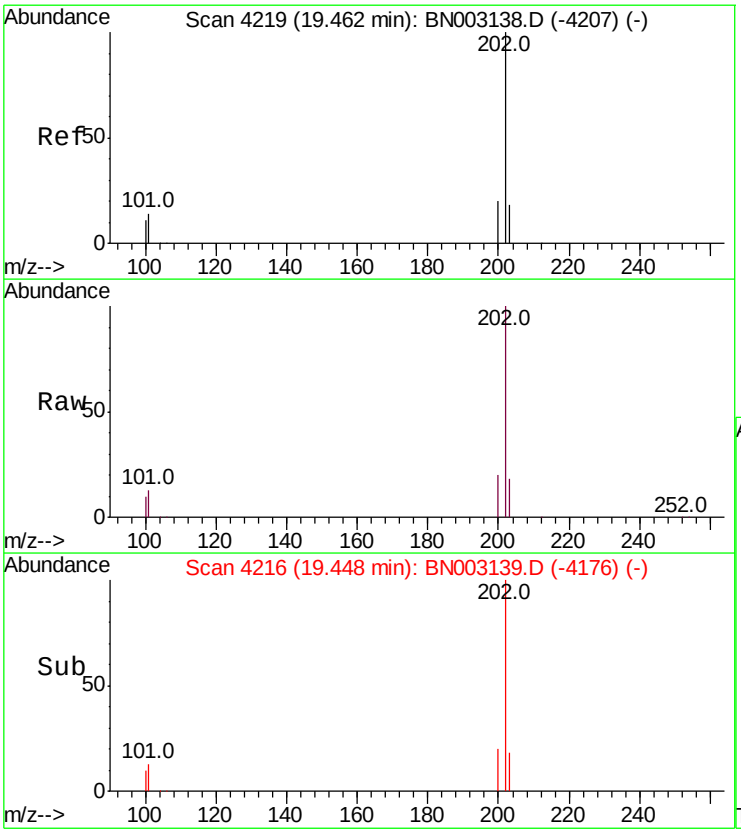
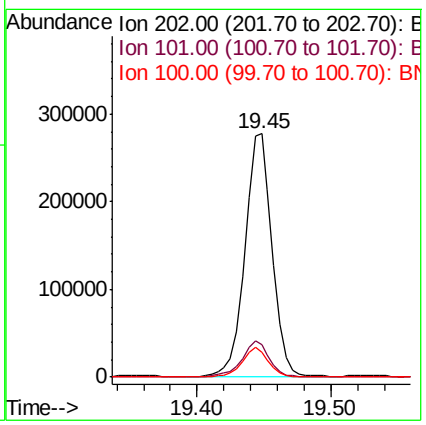
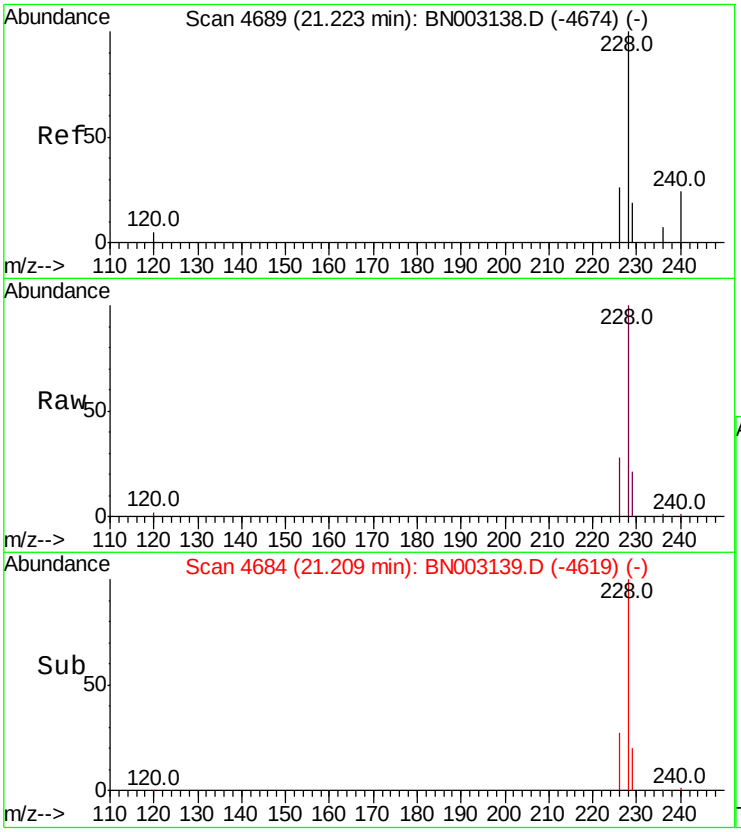


#17
Pyrene
Concen: 19.101 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:202 Resp: 388819

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.9	17.9
100	10.4	9.9	14.9

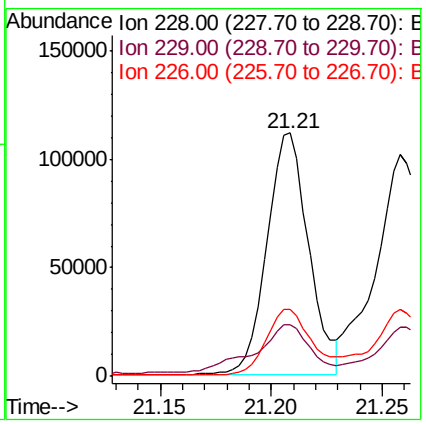




#18
Benzo(a)anthracene
Concen: 8.550 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:228 Resp: 144201

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	27.6	22.3	33.5



Instrument :
BNA_N
ClientSampleId :
A3YY3MS

Manual Integrations APPROVED
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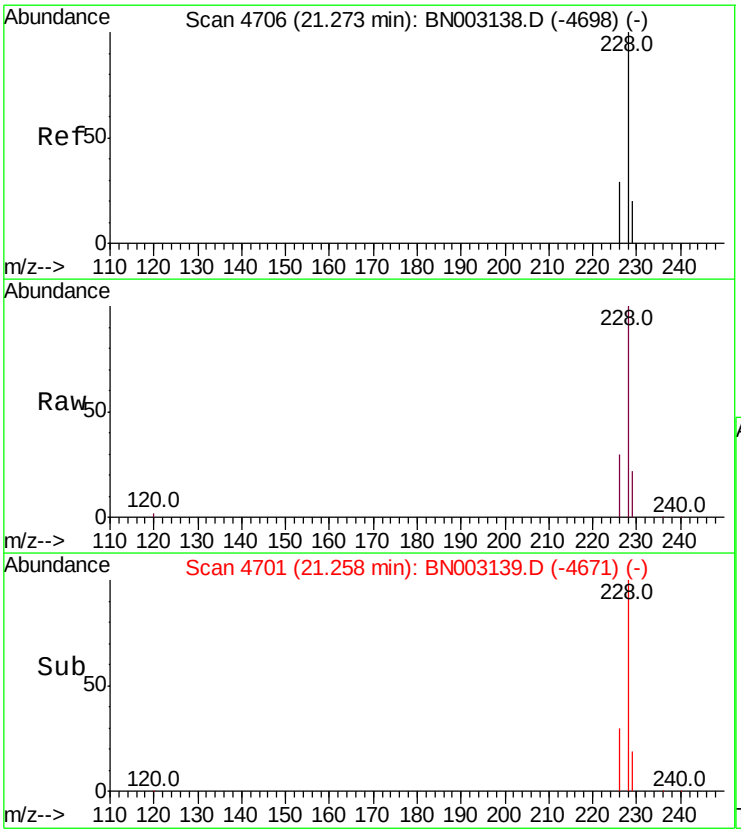
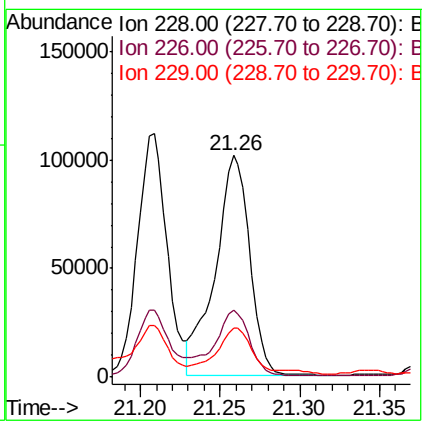
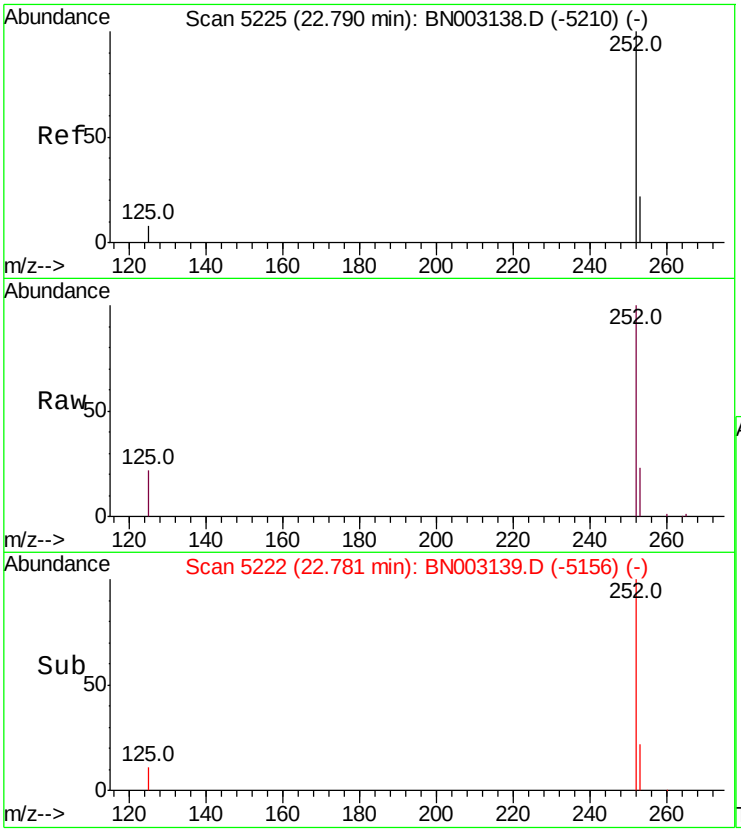


#19
Chrysene
Concen: 8.839 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:228 Resp: 151375

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	22.2	16.7	25.1

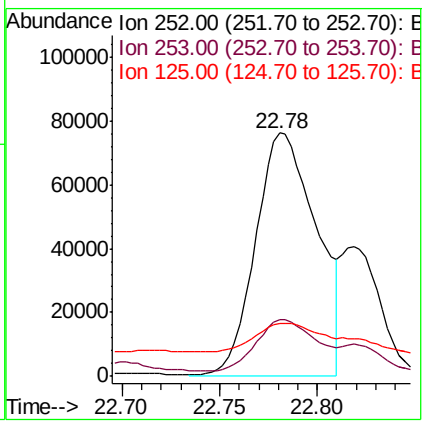




#21
Benzo(b)fluoranthene
Concen: 9.190 ng/ul m
RT: 22.78 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:252 Resp: 167432

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	53.2
125	21.7	0.0	34.2



Instrument :
BNA_N
ClientSampleId :
A3YY3MS

Manual Integrations APPROVED
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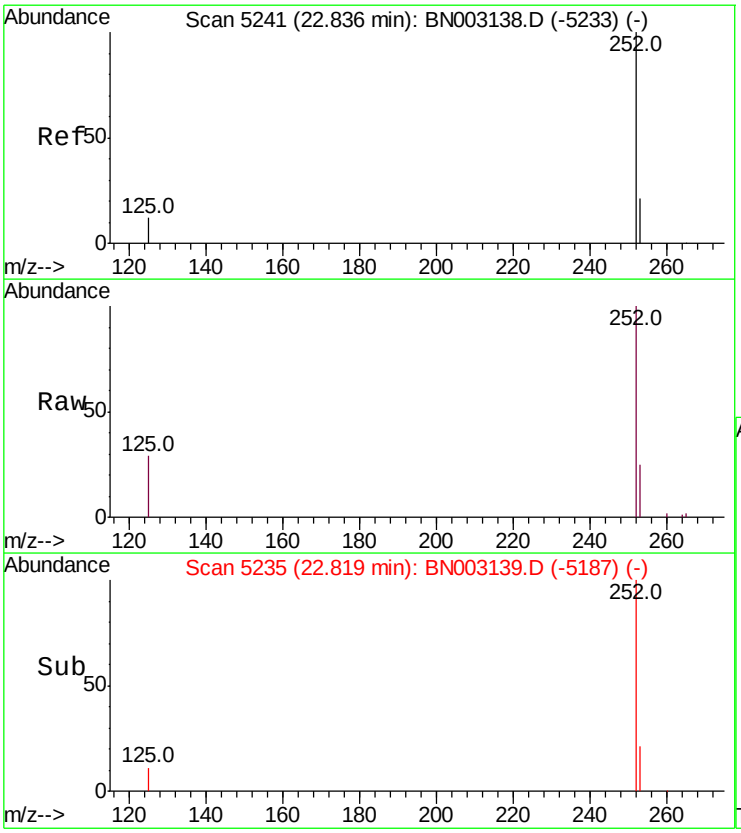
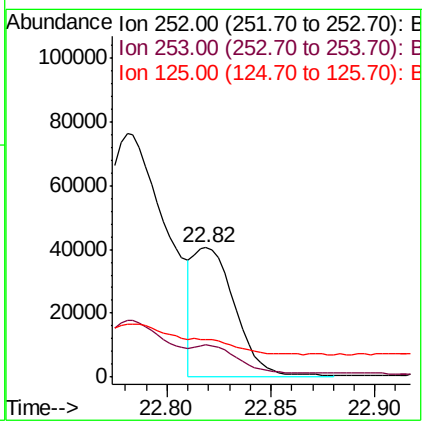
10/12/2018 6:38:50 PM

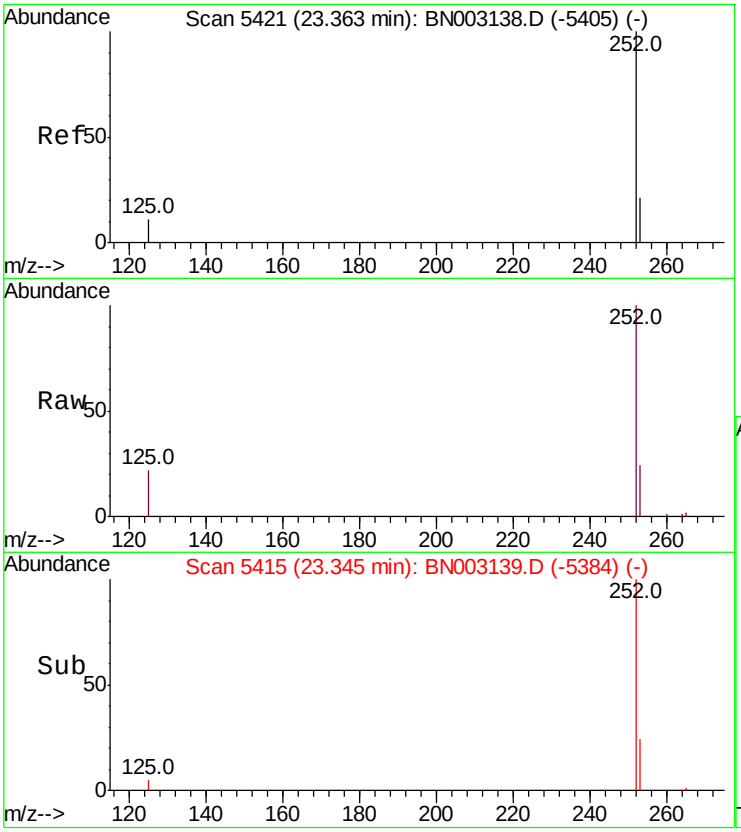


#22
Benzo(k)fluoranthene
Concen: 3.036 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:252 Resp: 57346

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.3	31.9
125	29.2	14.1	21.1#

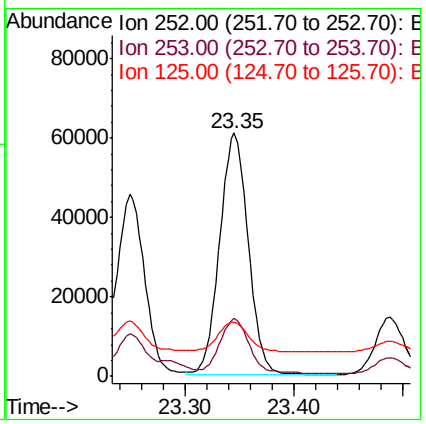




#23
Benzo(a)pyrene
Concen: 6.840 ng/ul
RT: 23.35 min Scan# 5415
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

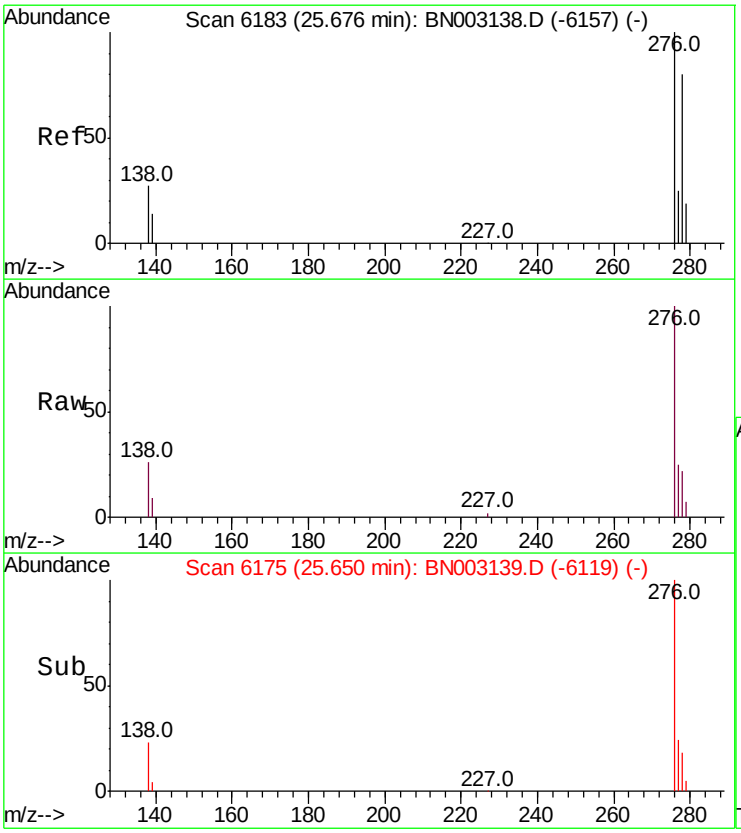
Tgt Ion:252 Resp: 111682

Ion	Ratio	Lower	Upper
252	100		
253	23.7	23.1	34.7
125	22.5	16.9	25.3



Instrument :
BNA_N
ClientSampleId :
A3YY3MS

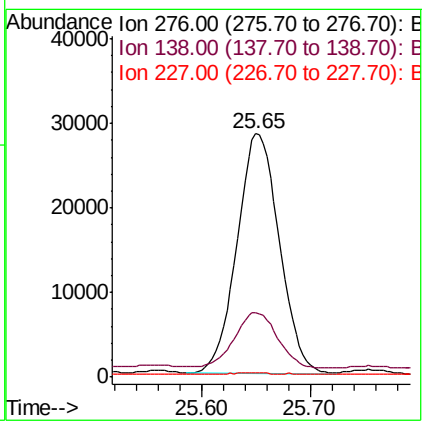
Manual Integrations APPROVED
Sohil
10/12/2018 6:38:50 PM

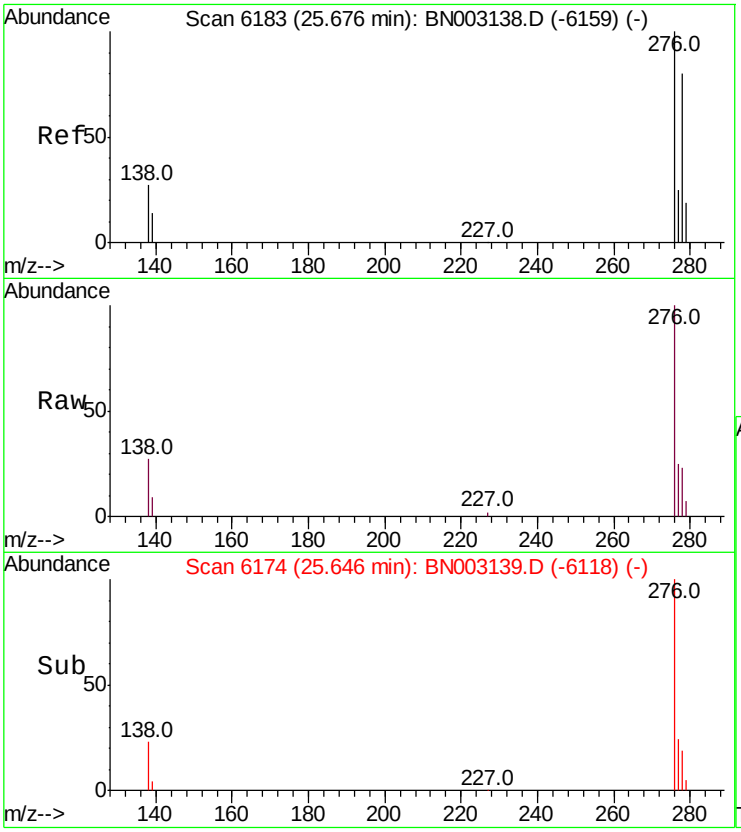


#24
Indeno(1,2,3-cd)pyrene
Concen: 4.102 ng/ul
RT: 25.65 min Scan# 6175
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:276 Resp: 76976

Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.5	32.3
227	0.2	0.3	0.5#





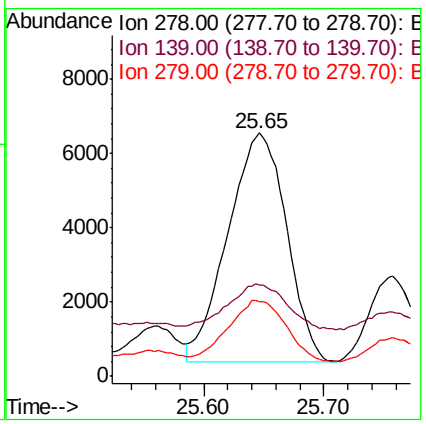
#25
Dibenzo(a,h)anthracene
Concen: 1.387 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

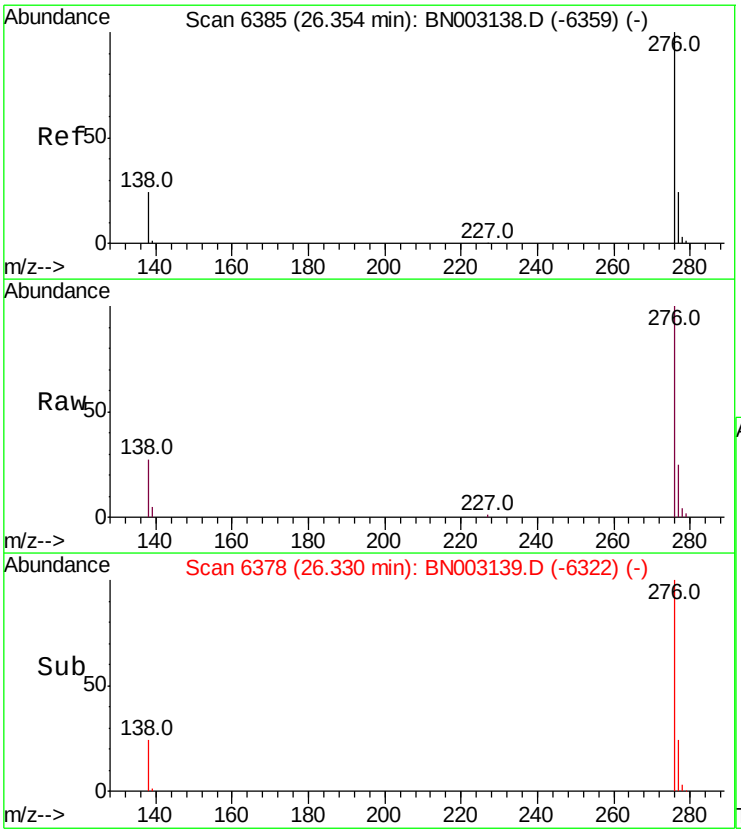
Tgt Ion:278 Resp: 20829

Ion	Ratio	Lower	Upper
278	100		
139	37.5	20.2	30.4#
279	30.8	23.8	35.8

Instrument :
BNA_N
ClientSampleId :
A3YY3MS

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:50 PM





#26
Benzo(g,h,i)perylene
Concen: 4.598 ng/ul
RT: 26.33 min Scan# 6378
Delta R.T. -0.01 min
Lab File: BN003139.D
Acq: 12 Oct 2018 13:43

Tgt Ion:276 Resp: 72751

Ion	Ratio	Lower	Upper
276	100		
138	26.8	23.0	34.4
277	24.9	22.0	33.0