Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003103.D
Acq On : 11 Oct 2018 15:20
Operator : MJ/SJ
Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:13 PM

Quant Time: Oct 11 17:07:12 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 : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1878	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7589	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4313	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8436m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4642m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4700m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3396	0.29	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	6906m	0.29	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	20228	1.039	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	8926	0.666	ng/ul	98
7) Acenaphthylene	13.98	152	31059	1.574	ng/ul	100
8) Acenaphthene	14.32	153	17743	1.185	ng/ul	99
9) Fluorene	15.31	166	24988	1.457	ng/ul	99
12) Phenanthrene	17.05	178	462341m	19.661	ng/ul	
13) Anthracene	17.15	178	88970m	4.005	ng/ul	
15) Fluoranthene	19.08	202	648112m	23.492	ng/ul	
17) Pyrene	19.45	202	567063	31.452	ng/ul	97
18) Benzo(a)anthracene	21.21	228	227949m	15.260	ng/ul	
19) Chrysene	21.26	228	239782m	15.808	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	296940m	17.543	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	100800m	5.745	ng/ul	
23) Benzo(a)pyrene	23.34	252	206986m	13.645	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	146293	8.392	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.65	278	41637m	2.984	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	137839	9.377	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003103.D
Acq On : 11 Oct 2018 15:20
Operator : MJ/SJ
Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 11 17:07:12 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 : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
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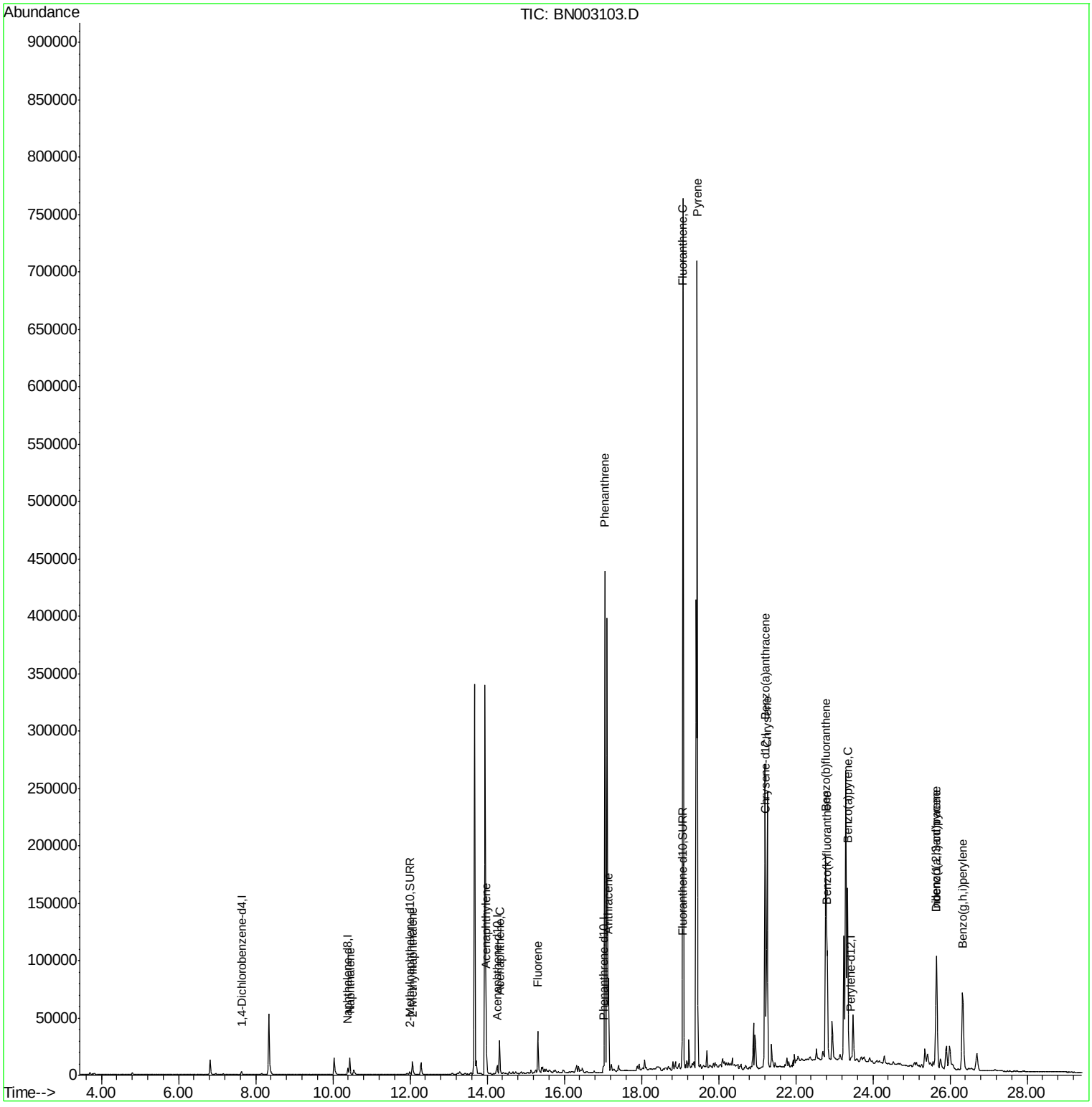
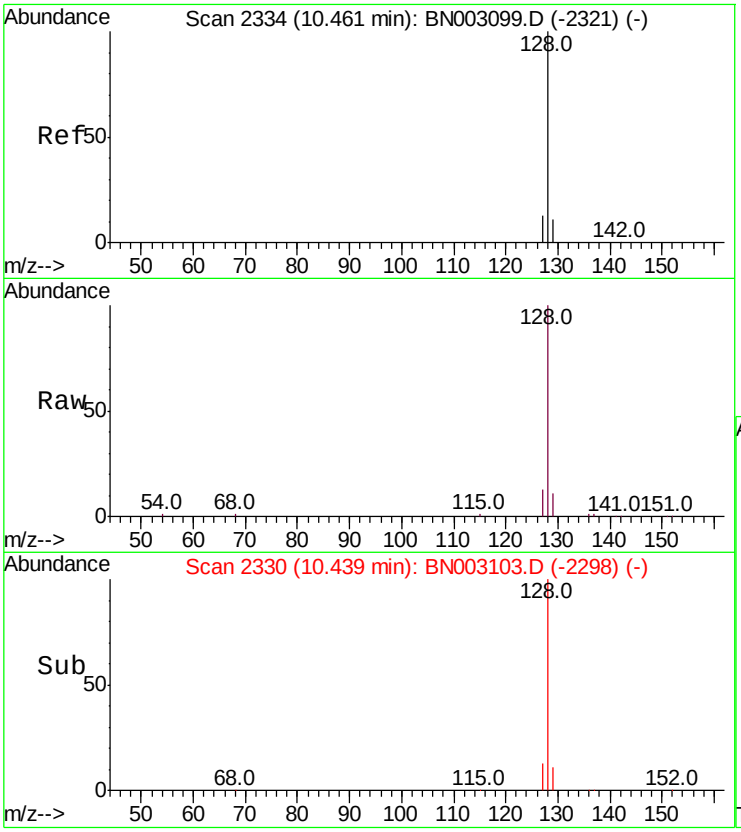
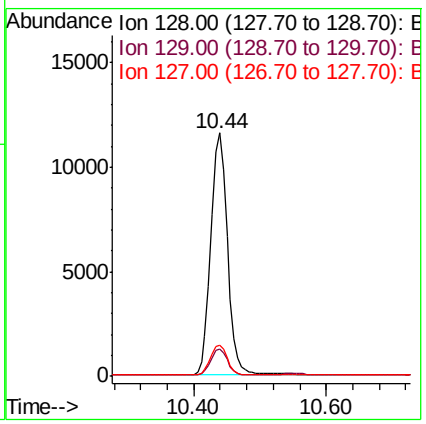




#3
Naphthalene
Concen: 1.039 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:128 Resp: 20228

Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.4	15.6
127	13.0	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
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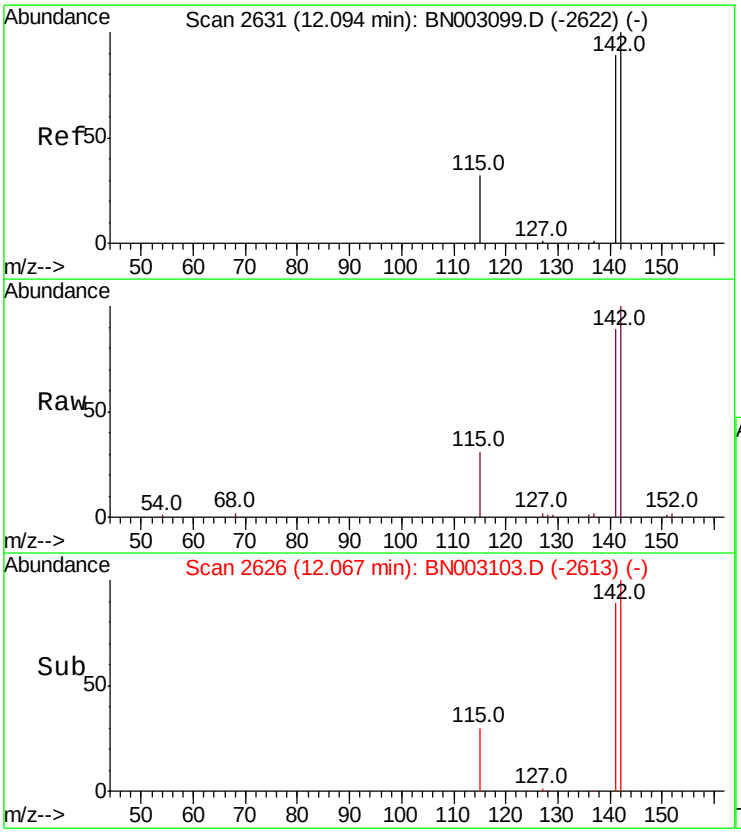
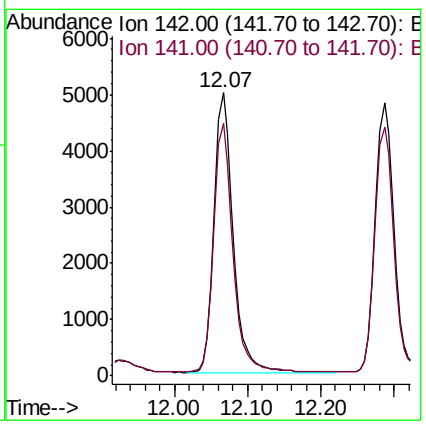
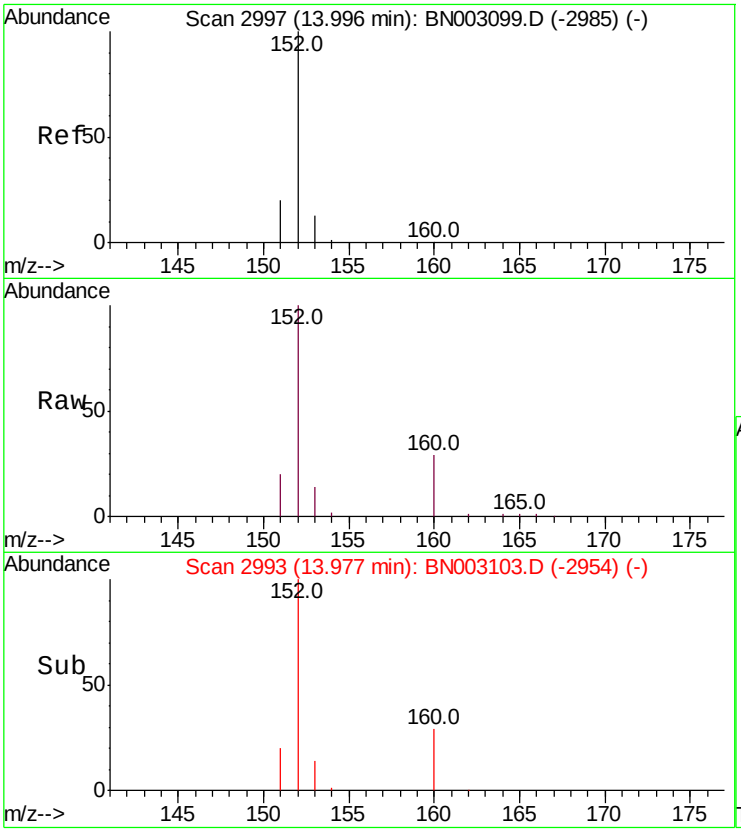


#5
2-Methylnaphthalene
Concen: 0.666 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.03 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:142 Resp: 8926

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.4	110.0

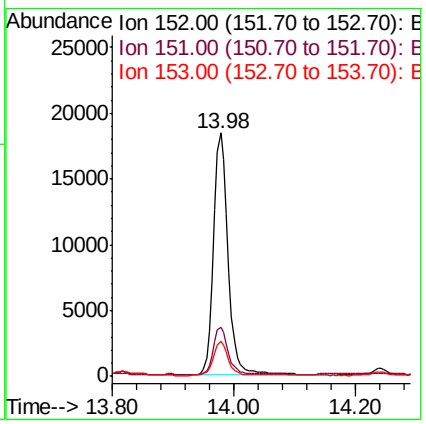




#7
Acenaphthylene
Concen: 1.574 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.02 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:152 Resp: 31059

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7
153	14.3	11.4	17.2



Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
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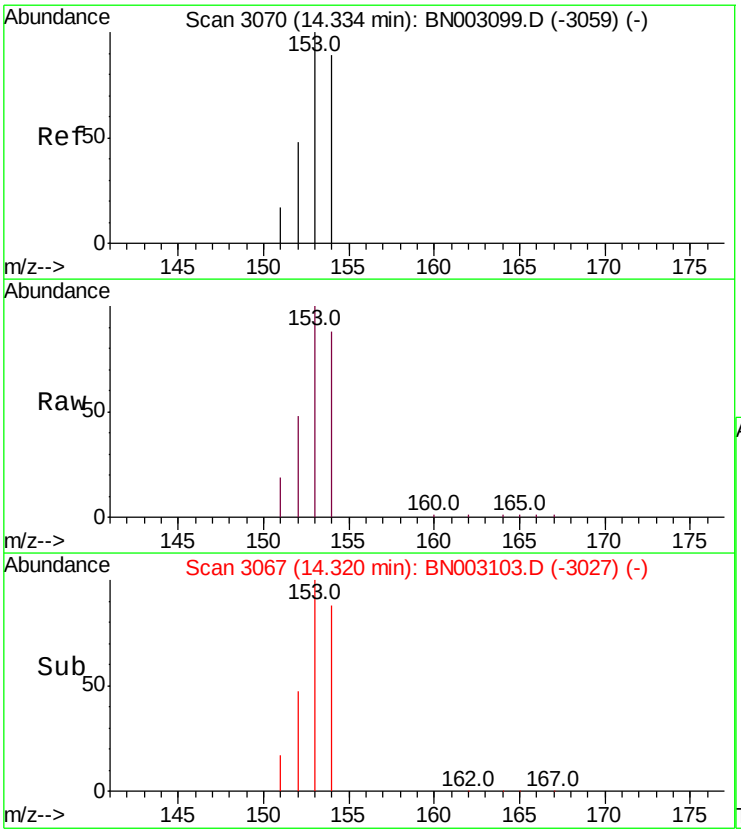
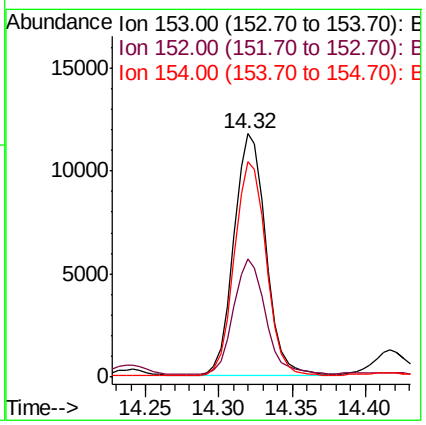
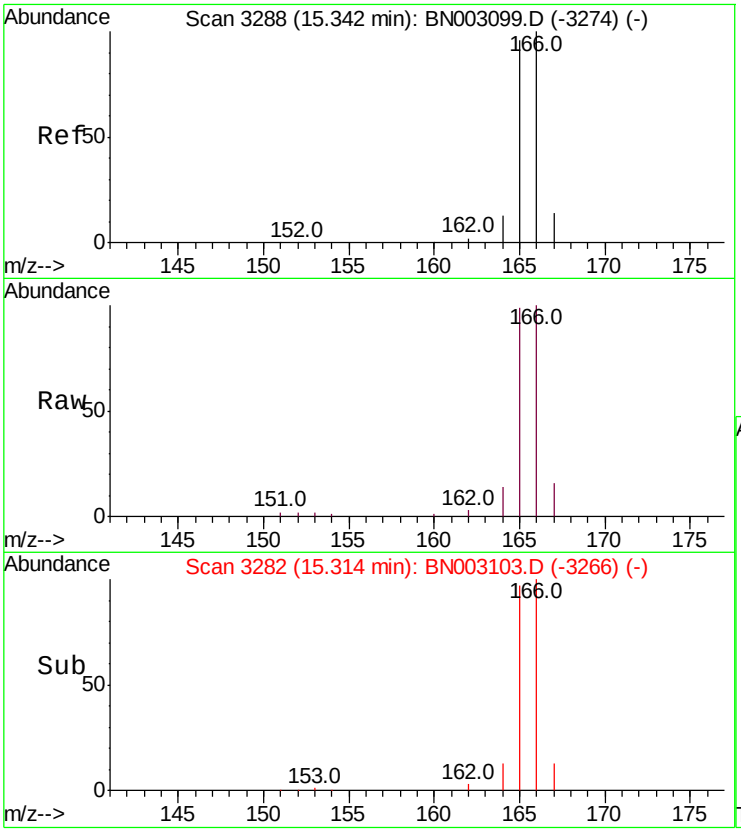


#8
Acenaphthene
Concen: 1.185 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:153 Resp: 17743

Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.2	57.4
154	88.3	70.2	105.2

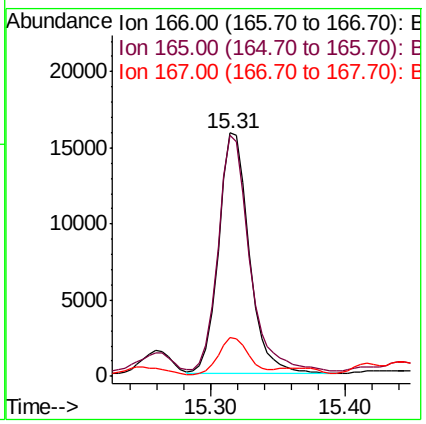




#9
Fluorene
Concen: 1.457 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.03 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:166 Resp: 24988

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.5	117.7
167	16.0	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
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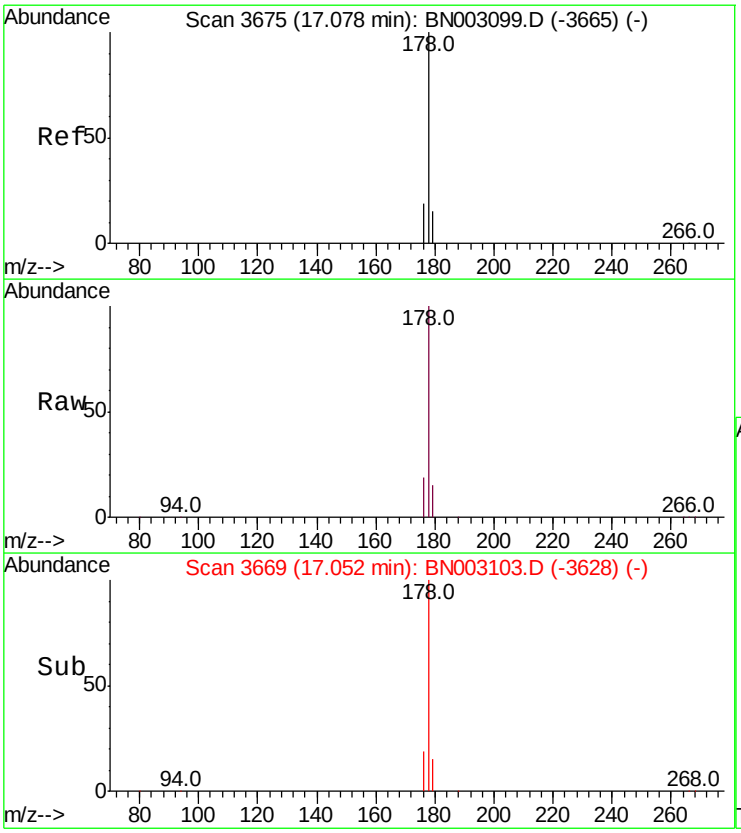
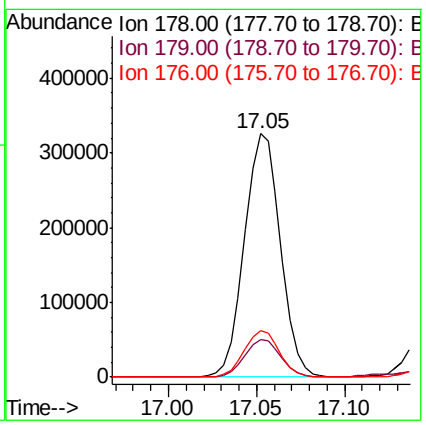
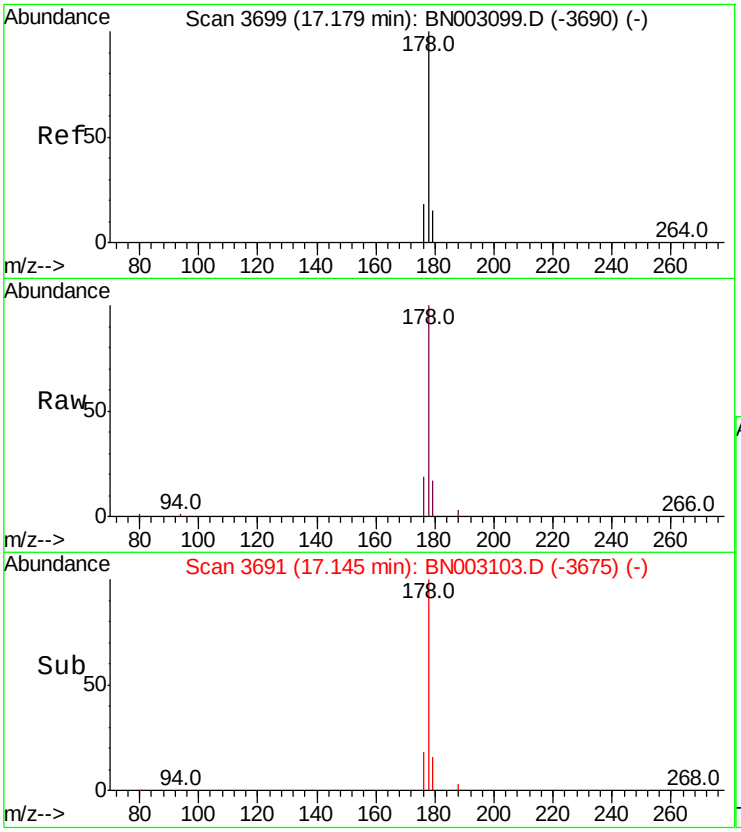


#12
Phenanthrene
Concen: 19.661 ng/ul m
RT: 17.05 min Scan# 3669
Delta R.T. -0.03 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:178 Resp: 462341

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

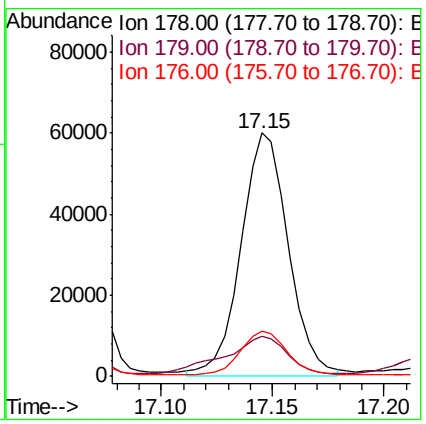




#13
Anthracene
Concen: 4.005 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:178 Resp: 88970

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	18.5	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
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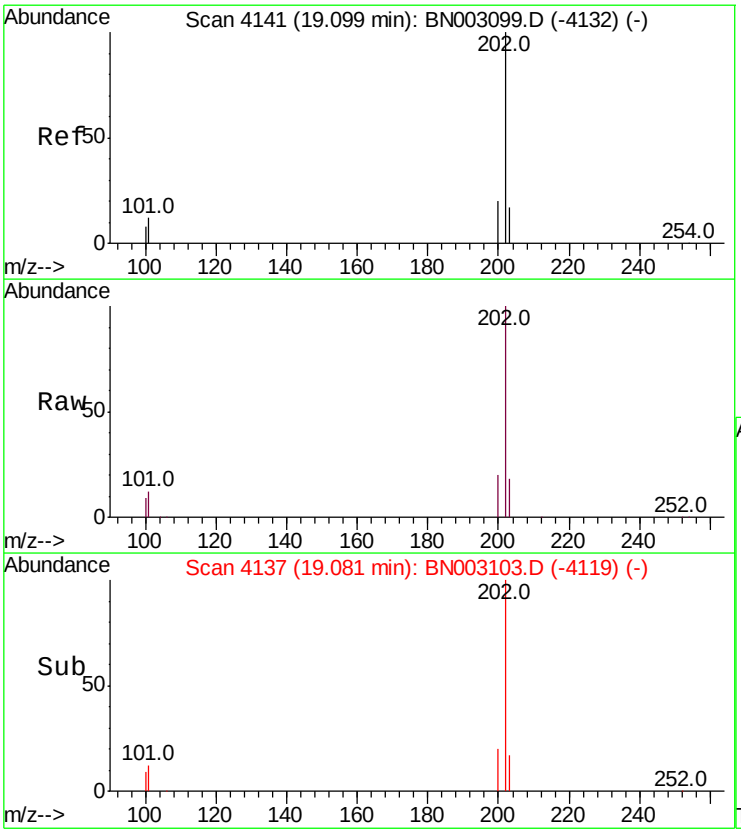
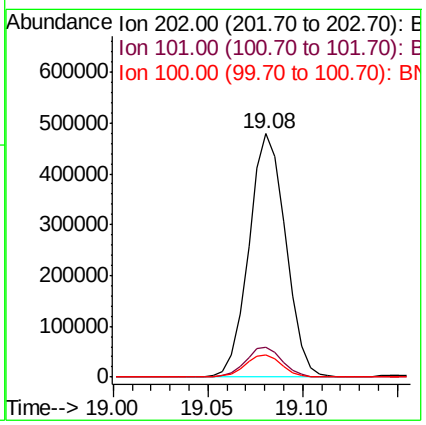
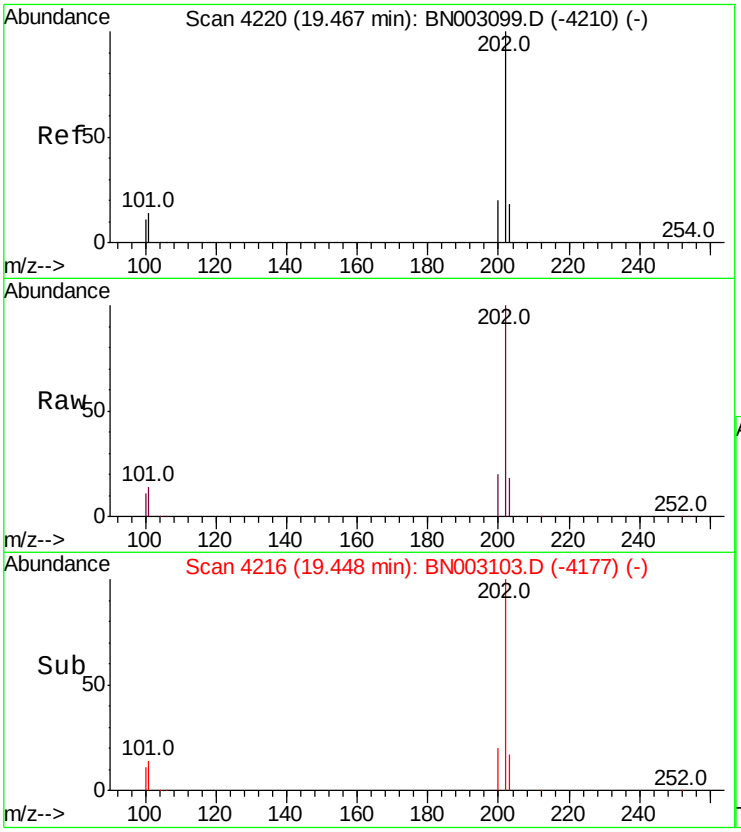


#15
Fluoranthene
Concen: 23.492 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.02 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:202 Resp: 648112

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.3
100	9.0	0.0	29.1

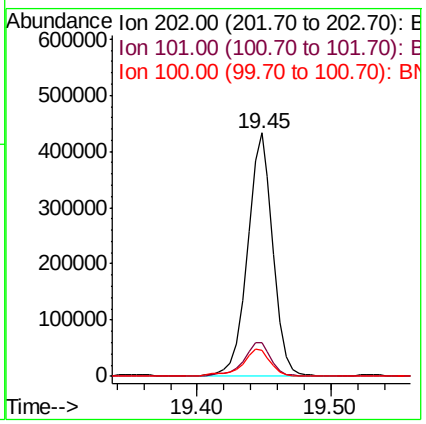




#17
Pyrene
Concen: 31.452 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:202 Resp: 567063

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.9	17.9
100	10.9	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
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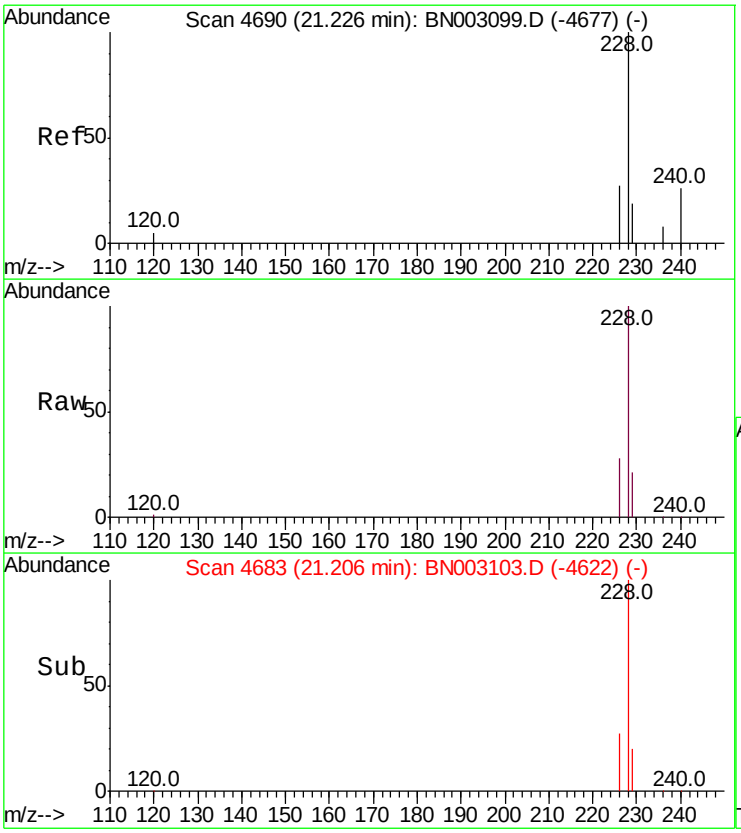
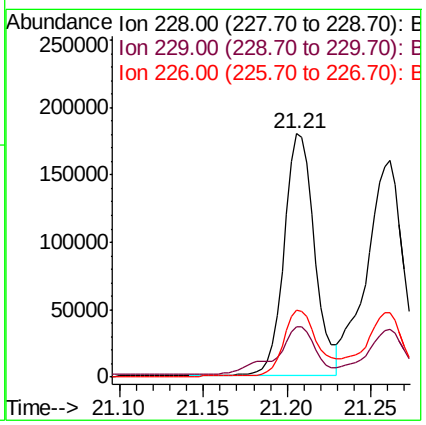
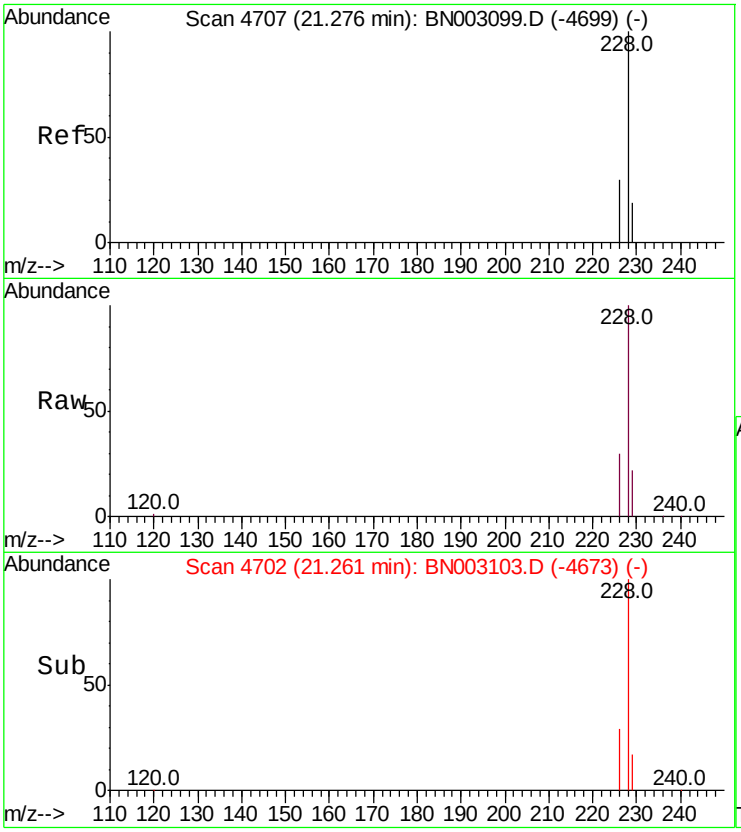


#18
Benzo(a)anthracene
Concen: 15.260 ng/ul m
RT: 21.21 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:228 Resp: 227949

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.2
226	27.6	22.3	33.5

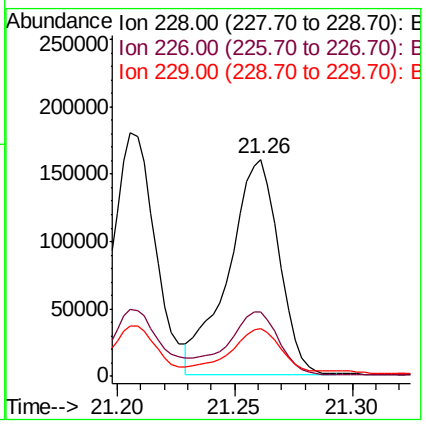




#19
Chrysene
Concen: 15.808 ng/ul m
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:228 Resp: 239782

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	22.0	16.7	25.1



Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
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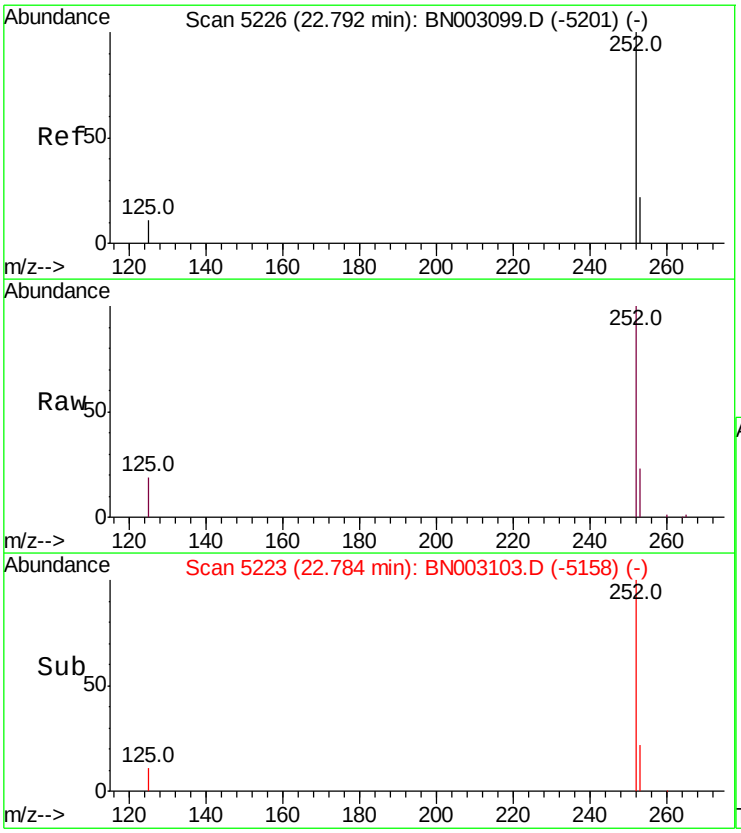
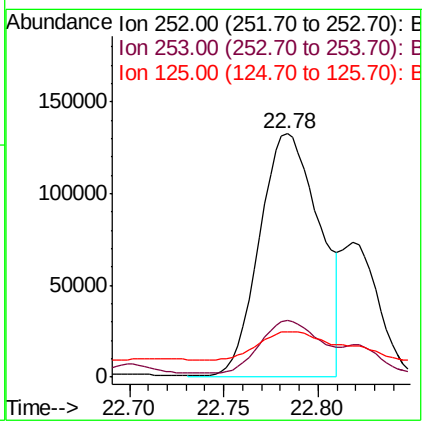
10/12/2018 6:38:13 PM

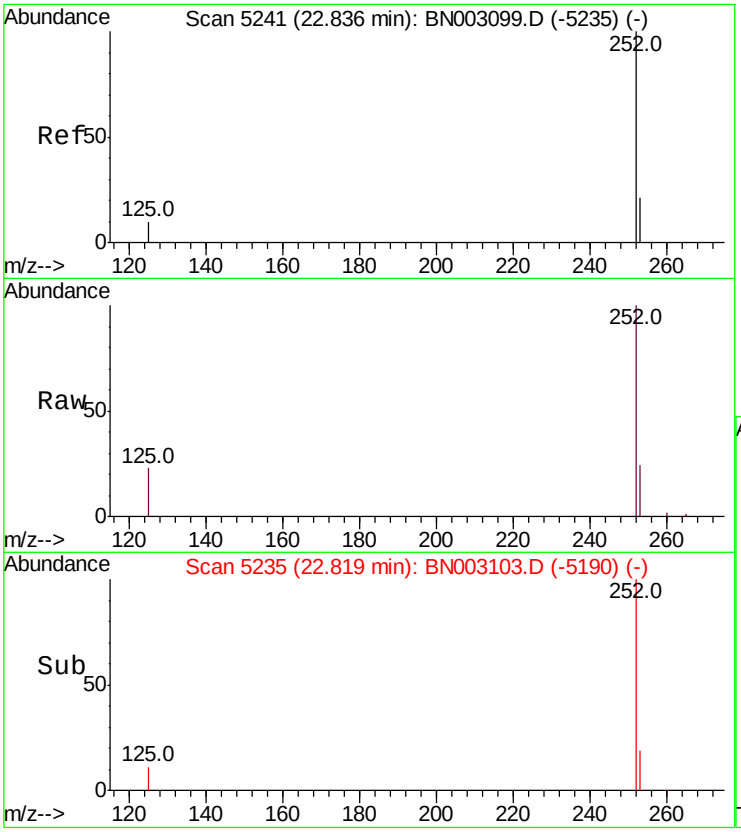


#21
Benzo(b)fluoranthene
Concen: 17.543 ng/ul m
RT: 22.78 min Scan# 5223
Delta R.T. -0.01 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:252 Resp: 296940

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	53.2
125	18.8	0.0	34.2

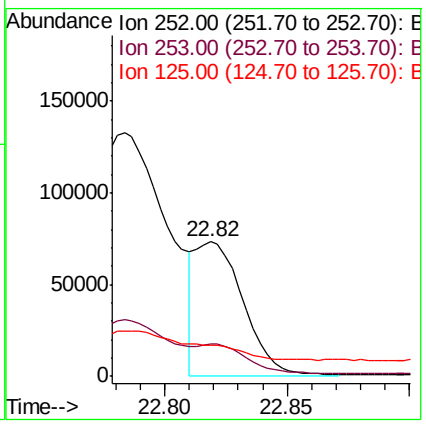




#22
Benzo(k)fluoranthene
Concen: 5.745 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.02 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:252 Resp: 100800

Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.3	31.9
125	23.4	14.1	21.1#



Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
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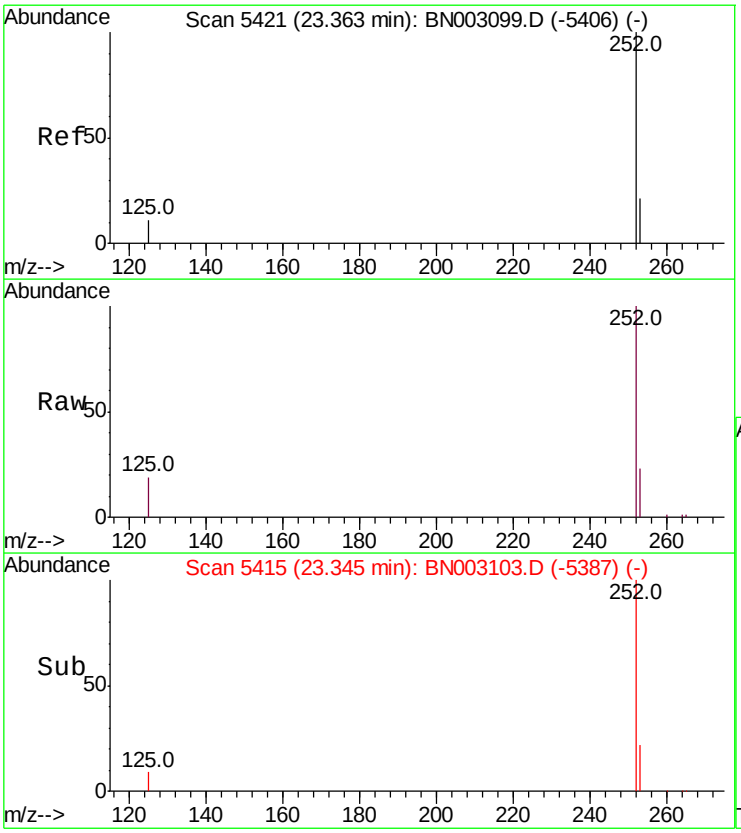
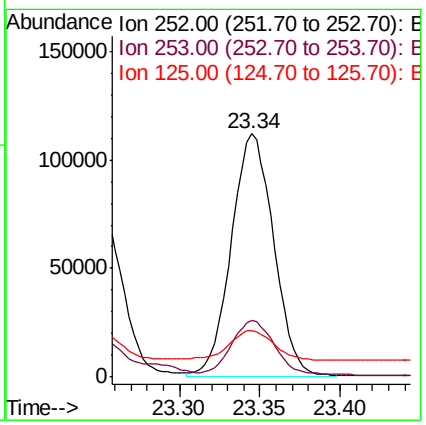
10/12/2018 6:38:13 PM

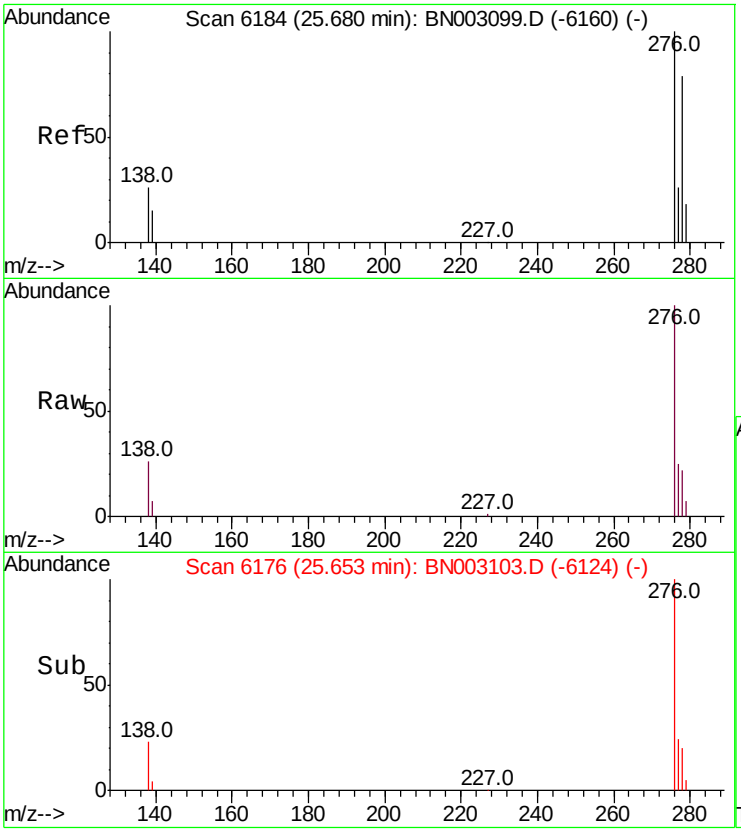


#23
Benzo(a)pyrene
Concen: 13.645 ng/ul m
RT: 23.34 min Scan# 5415
Delta R.T. -0.02 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:252 Resp: 206986

Ion	Ratio	Lower	Upper
252	100		
253	23.3	23.1	34.7
125	19.2	16.9	25.3





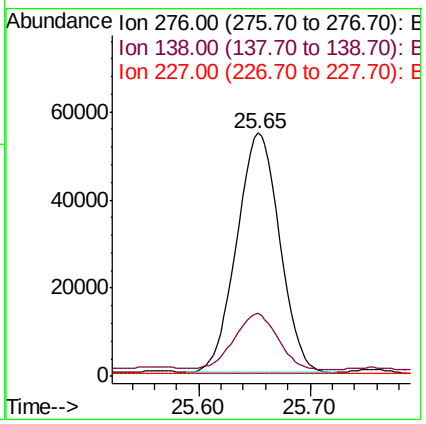
#24
Indeno(1,2,3-cd)pyrene
Concen: 8.392 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.03 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

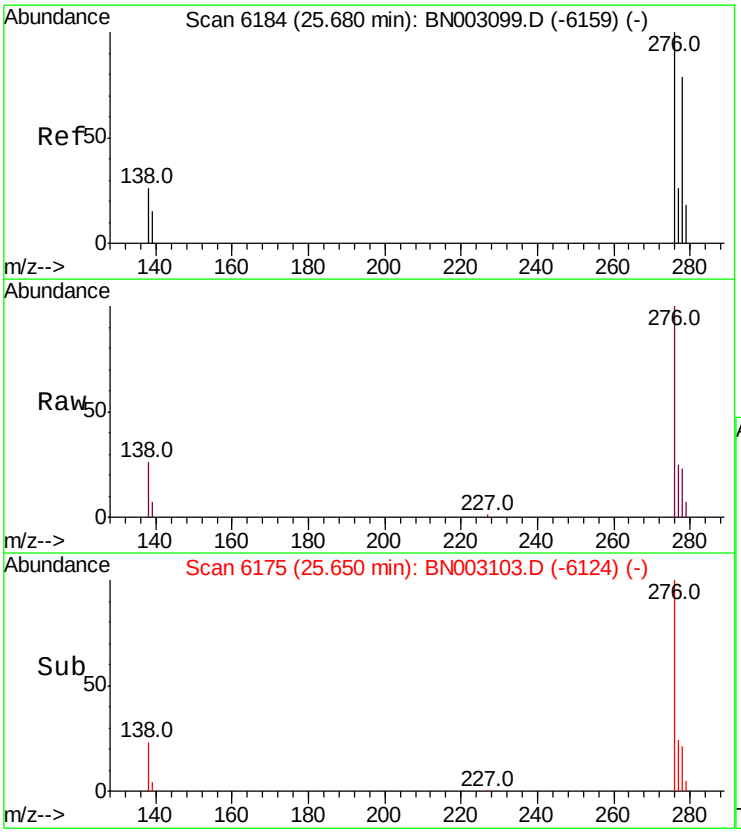
Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:13 PM

Tgt Ion:276 Resp: 146293

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

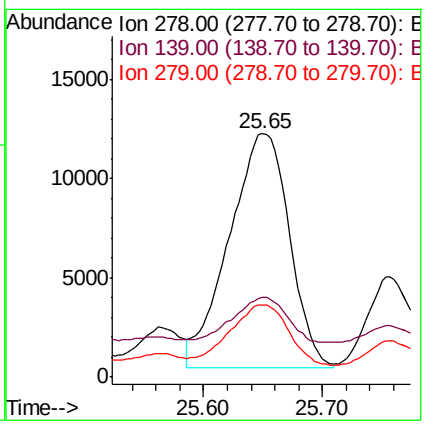


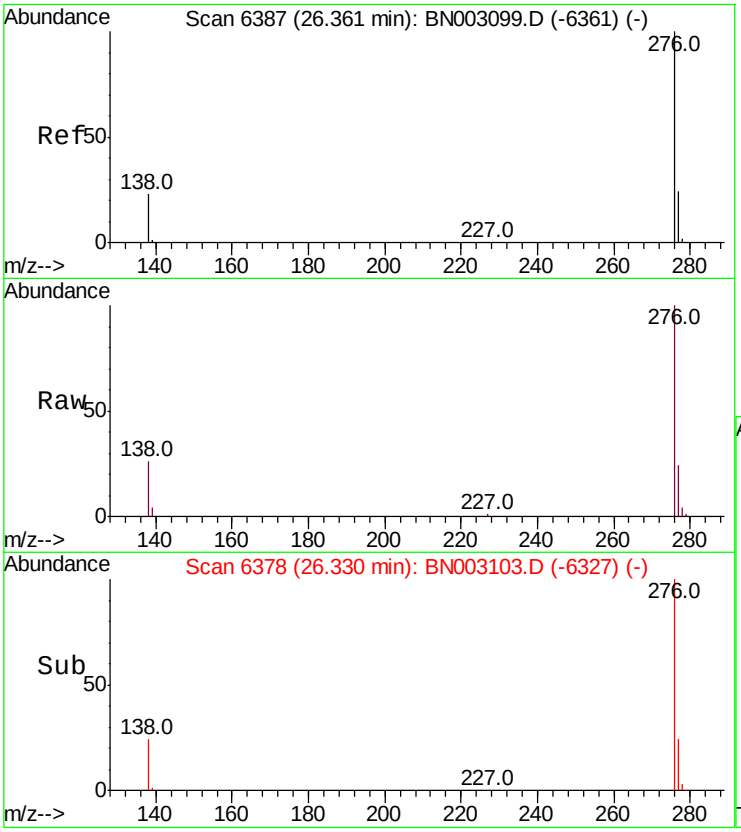


#25
Dibenzo(a,h)anthracene
Concen: 2.984 ng/ul m
RT: 25.65 min Scan# 6175
Delta R.T. -0.03 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:278 Resp: 41637

Ion	Ratio	Lower	Upper
278	100		
139	32.6	20.2	30.4#
279	29.9	23.8	35.8

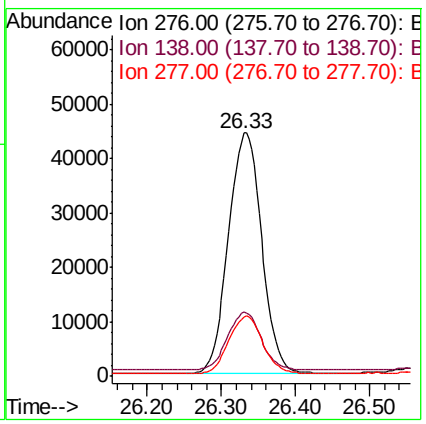




#26
Benzo(g,h,i)perylene
Concen: 9.377 ng/ul
RT: 26.33 min Scan# 6378
Delta R.T. -0.03 min
Lab File: BN003103.D
Acq: 11 Oct 2018 15:20

Tgt Ion:276 Resp: 137839

Ion	Ratio	Lower	Upper
276	100		
138	26.4	23.0	34.4
277	24.4	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
A3YY3

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:13 PM