Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009058.D
Acq On : 20 Dec 2019 08:32
Operator : JU
Sample : K6171-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 20 11:10:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0BX1

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4245	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	16396	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8960	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	18188	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9980	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	9260	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	3443	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	7367	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.34	128	1930	0.039	ng/ul#	89
5) 2-Methylnaphthalene	11.96	142	1503	0.040	ng/ul	100
7) Acenaphthylene	13.88	152	2453	0.052	ng/ul#	92
8) Acenaphthene	14.23	153	909	0.025	ng/ul	96
9) Fluorene	15.22	166	1889	0.043	ng/ul#	98
12) Phenanthrene	16.95	178	55119	0.871	ng/ul	100
13) Anthracene	17.05	178	7561	0.133	ng/ul	97
15) Fluoranthene	18.98	202	153764	2.126	ng/ul	99
17) Pyrene	19.34	202	119286	2.343	ng/ul	99
18) Benzo(a)anthracene	21.10	228	45088	1.017	ng/ul	97
19) Chrysene	21.15	228	56158	1.261	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	64335m	1.488	ng/ul	
22) Benzo(k)fluoranthene	22.67	252	24140m	0.554	ng/ul	
23) Benzo(a)pyrene	23.17	252	40708	1.074	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.36	276	32862	0.796	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.36	278	7360	0.224	ng/ul#	78
26) Benzo(g,h,i)perylene	25.99	276	32699	0.941	ng/ul	99

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

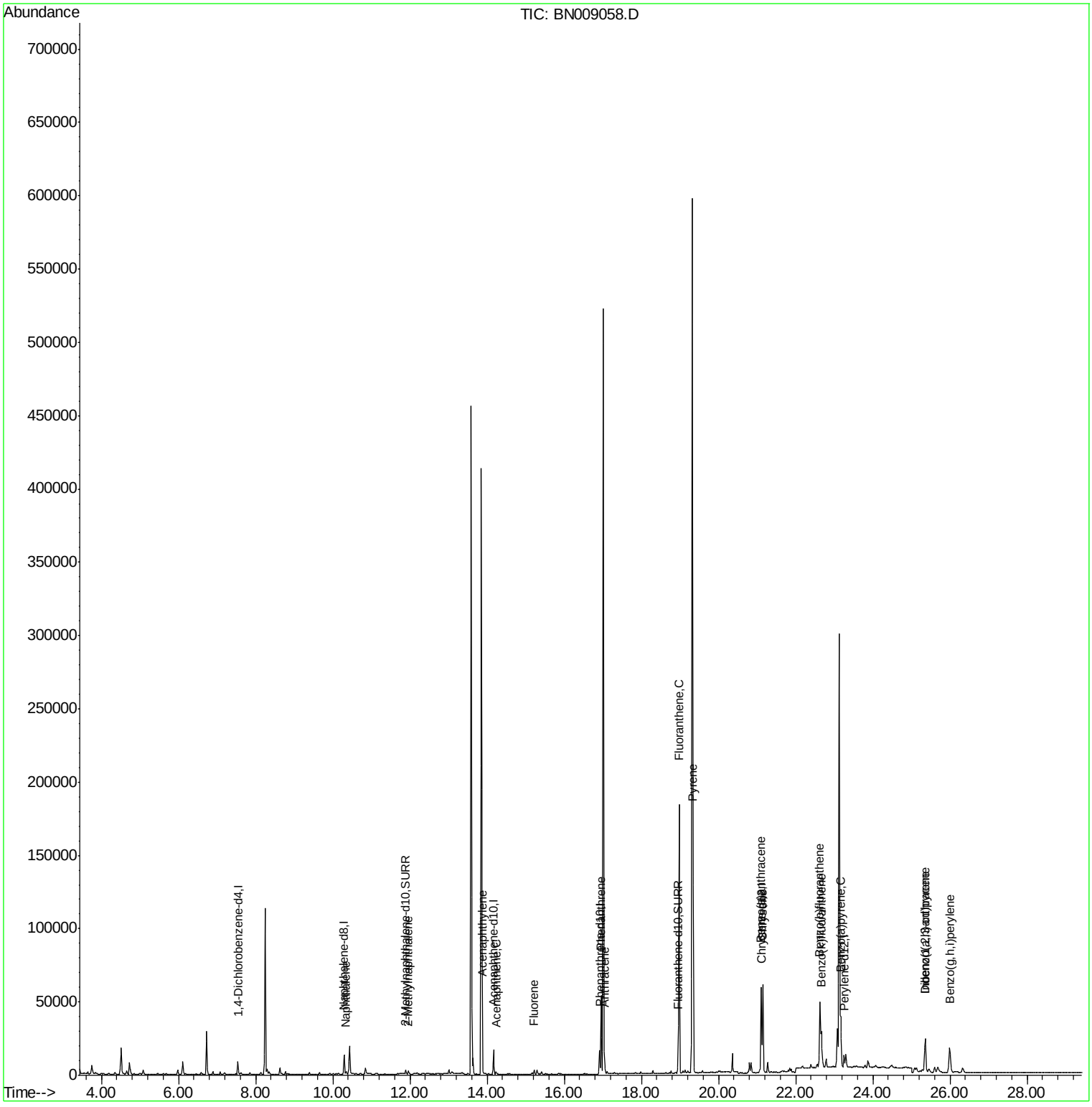
Quantitation Report (QT Reviewed)

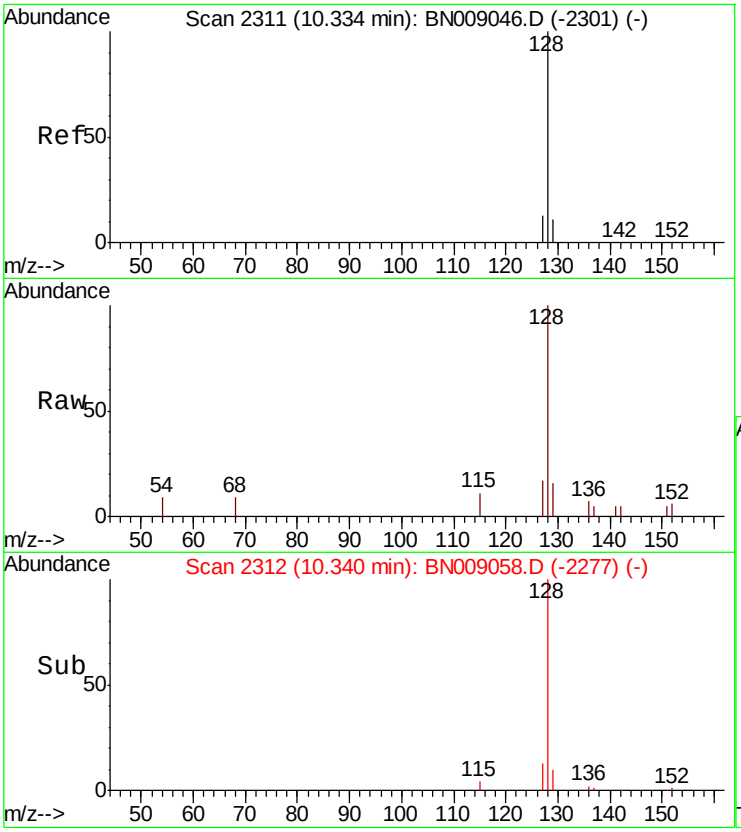
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009058.D
Acq On : 20 Dec 2019 08:32
Operator : JU
Sample : K6171-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 20 11:10:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BX1

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM





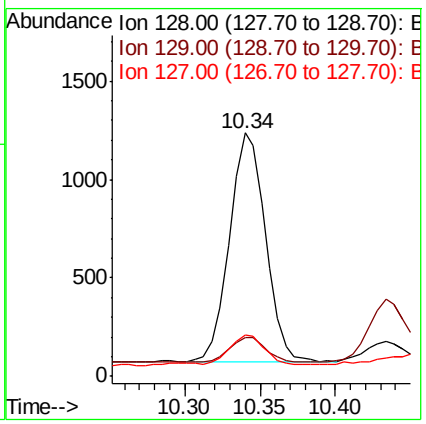
#3
Naphthalene
Concen: 0.039 ng/ul
RT: 10.34 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

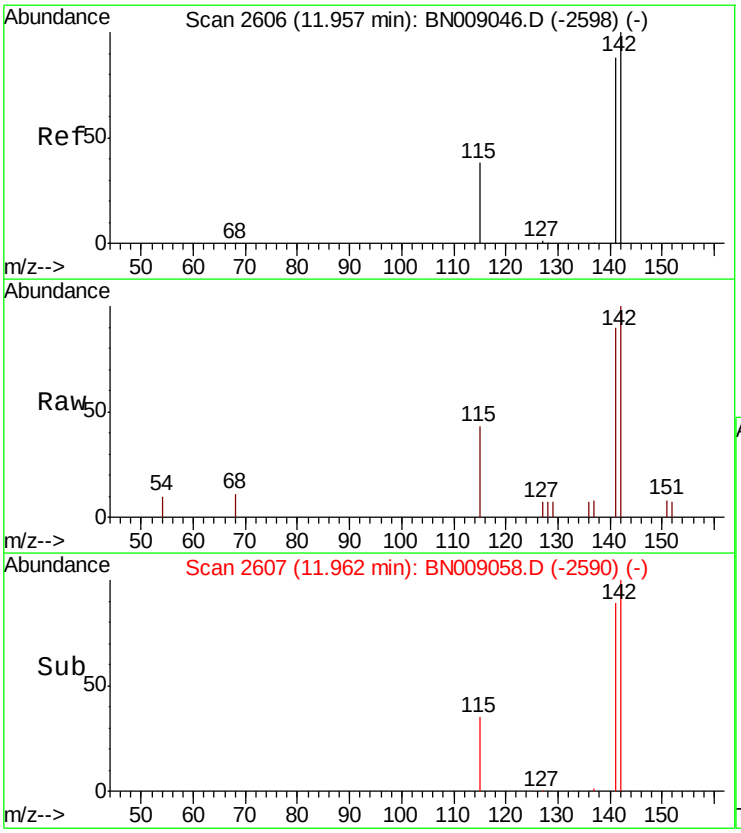
Tgt Ion:128 Resp: 1930

Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.0	13.4#
127	17.1	10.9	16.3#

Instrument :
BNA_N
ClientSampleId :
C0BX1

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM

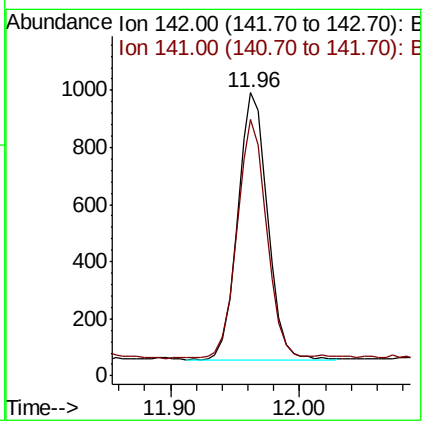


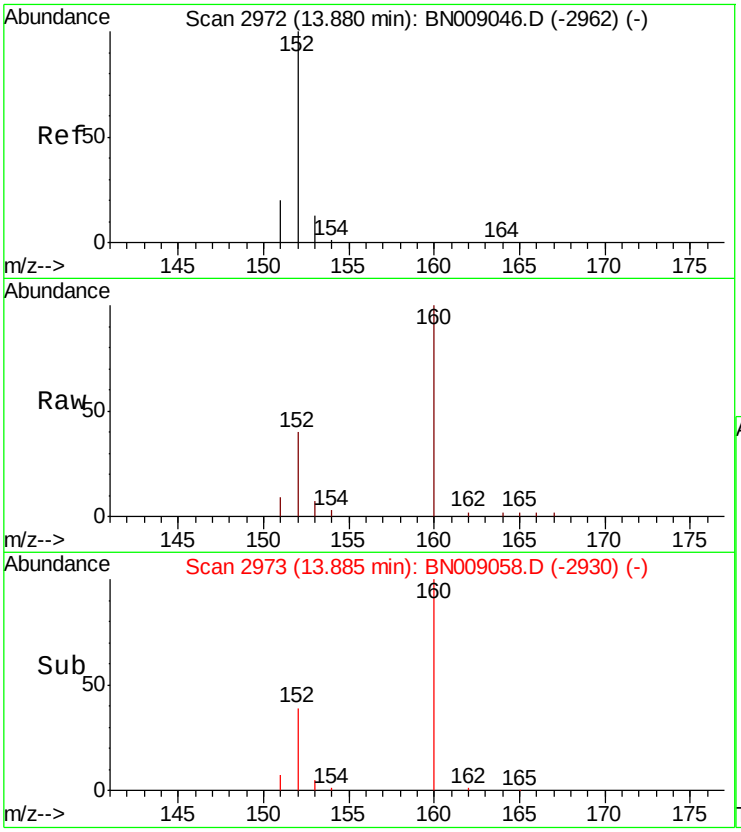


#5
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 11.96 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

Tgt Ion:142 Resp: 1503

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.2	105.4

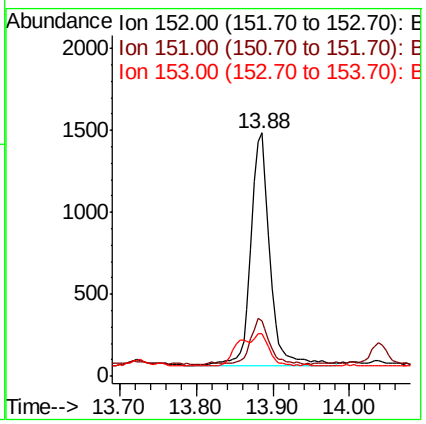




#7
Acenaphthylene
Concen: 0.052 ng/ul
RT: 13.88 min Scan# 2973
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

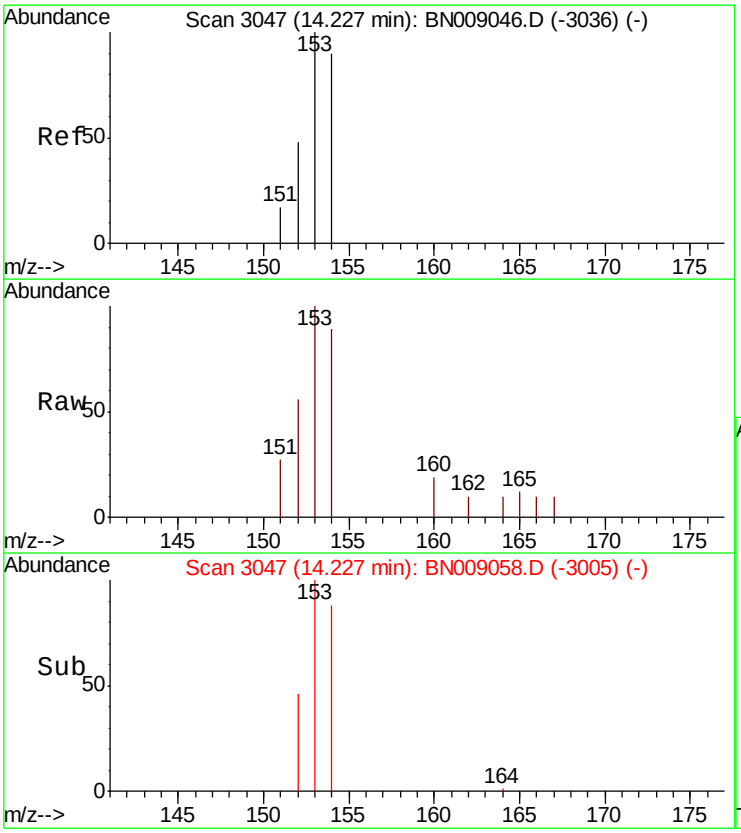
Tgt Ion:152 Resp: 2453

Ion	Ratio	Lower	Upper
152	100		
151	22.8	15.7	23.5
153	17.4	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
C0BX1

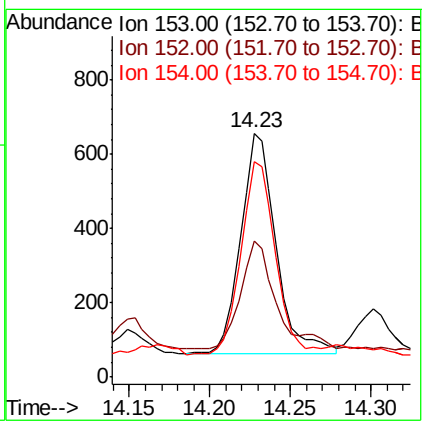
Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM

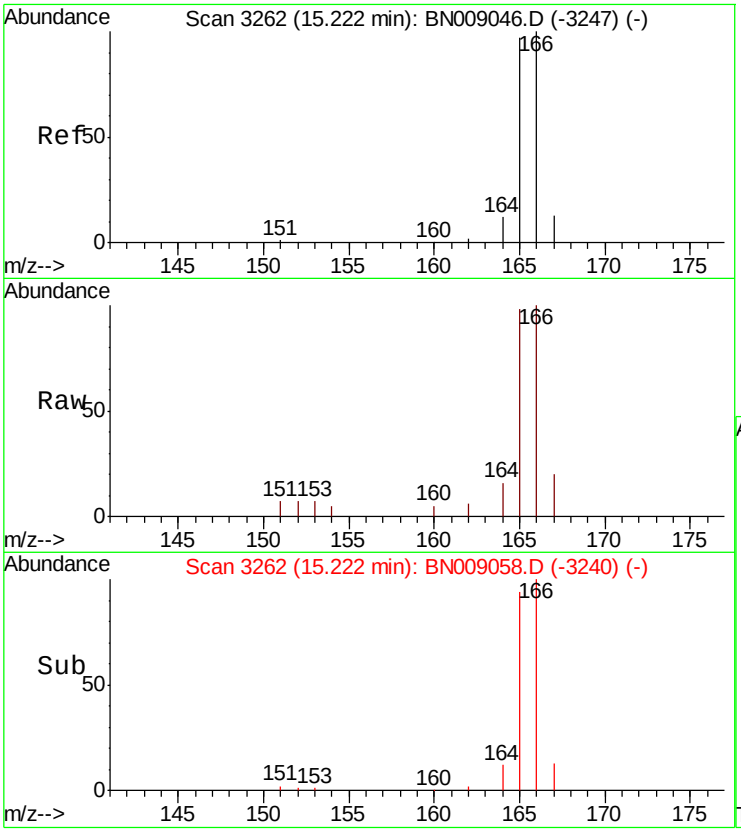


#8
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.23 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

Tgt Ion:153 Resp: 909

Ion	Ratio	Lower	Upper
153	100		
152	56.1	39.5	59.3
154	88.6	71.3	106.9

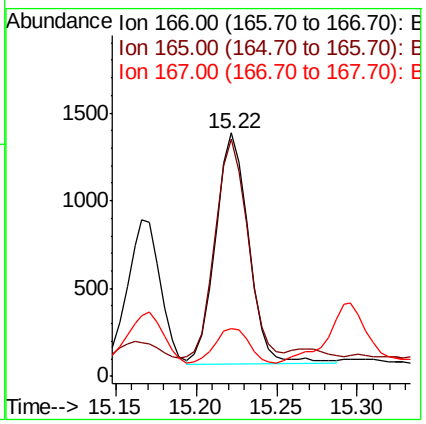




#9
Fluorene
Concen: 0.043 ng/ul
RT: 15.22 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

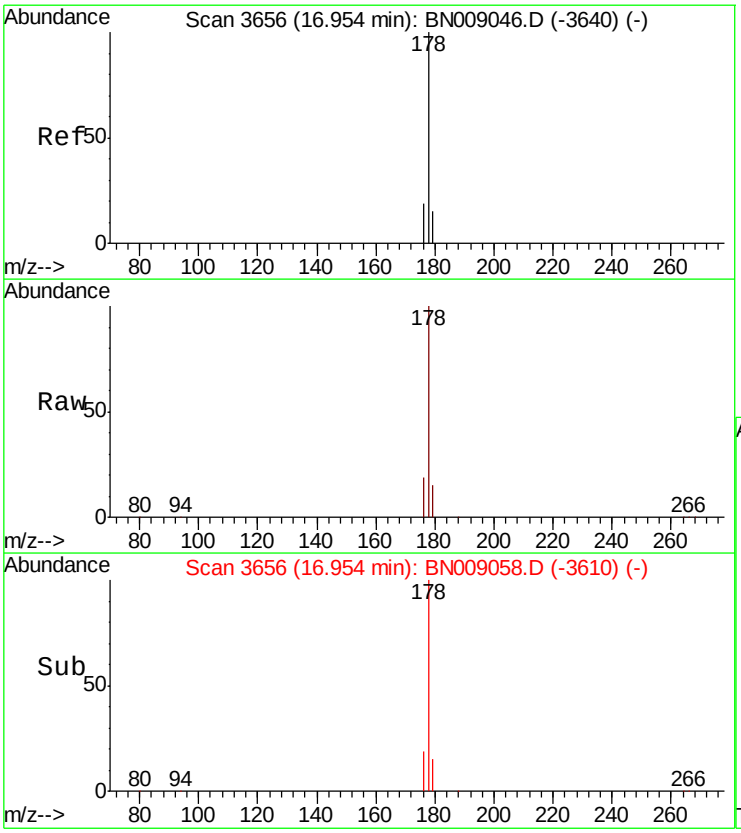
Tgt Ion:166 Resp: 1889

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.4
167	19.8	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
C0BX1

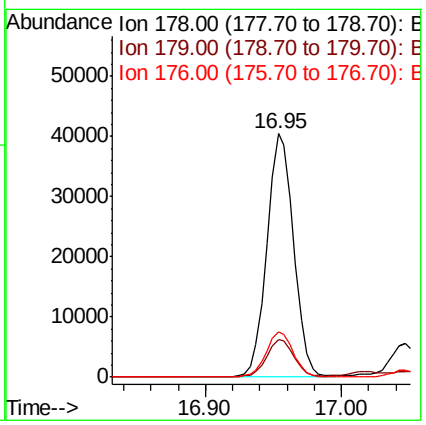
Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM

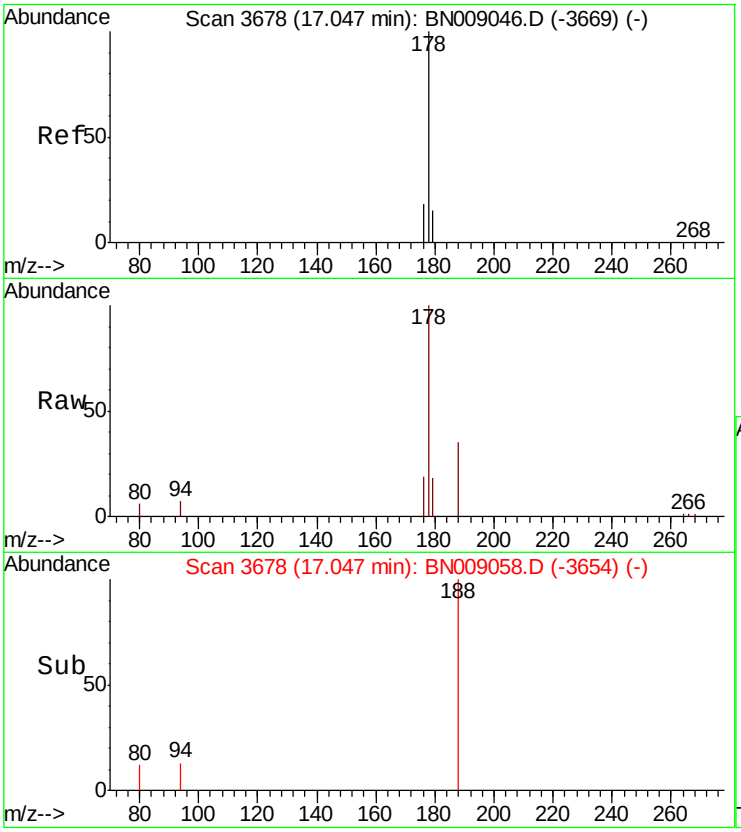


#12
Phenanthrene
Concen: 0.871 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

Tgt Ion:178 Resp: 55119

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.8	15.1	22.7

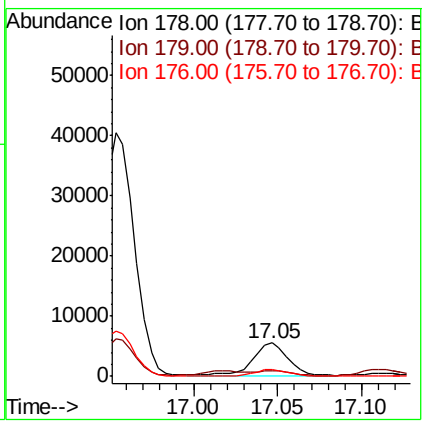




#13
Anthracene
Concen: 0.133 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

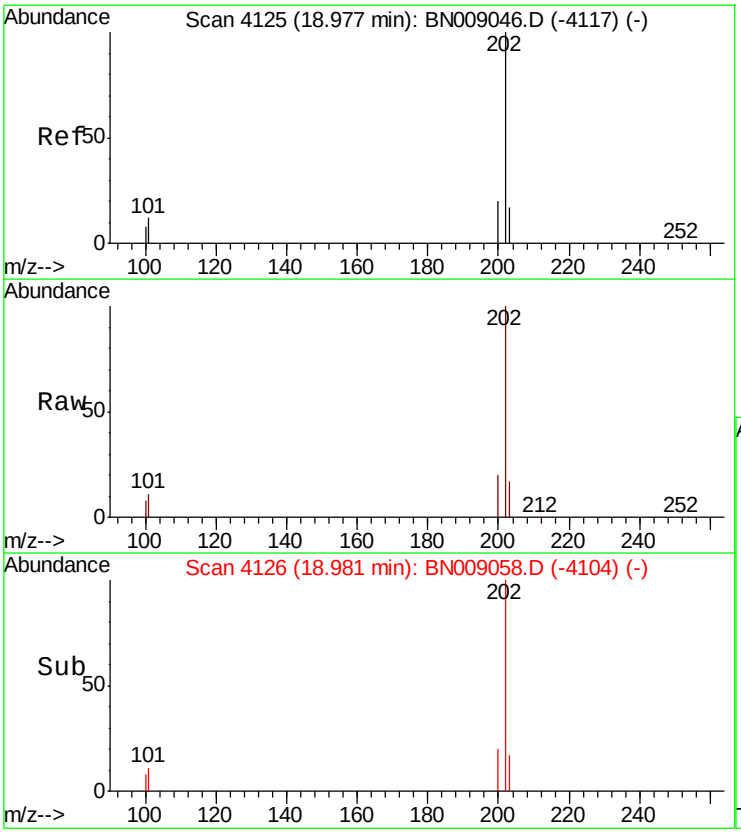
Tgt Ion:178 Resp: 7561

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.5	18.7
176	18.9	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0BX1

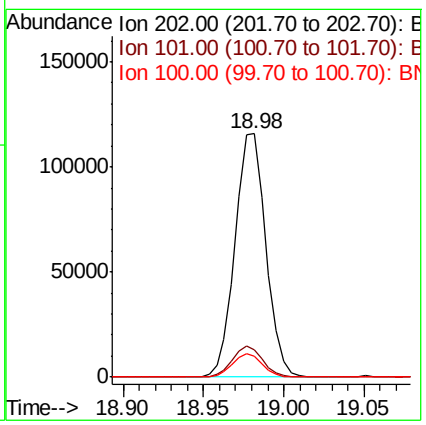
Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM

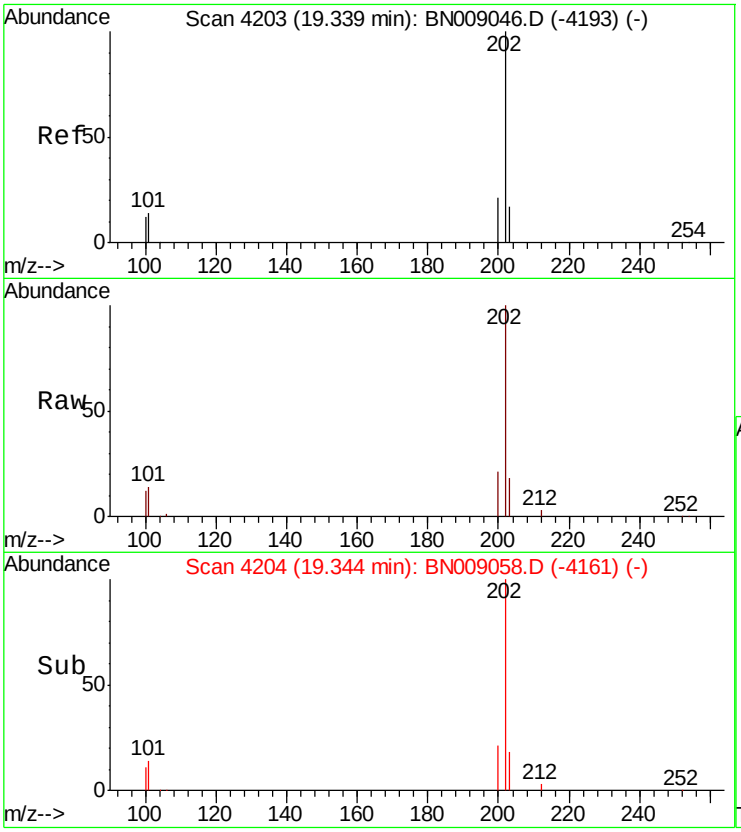


#15
Fluoranthene
Concen: 2.126 ng/ul
RT: 18.98 min Scan# 4126
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

Tgt Ion:202 Resp: 153764

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.5
100	8.4	0.0	28.9

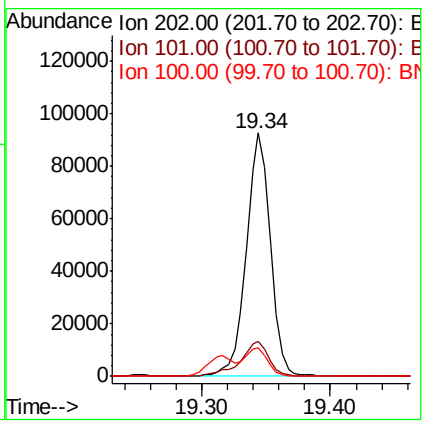




#17
Pyrene
Concen: 2.343 ng/ul
RT: 19.34 min Scan# 4204
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

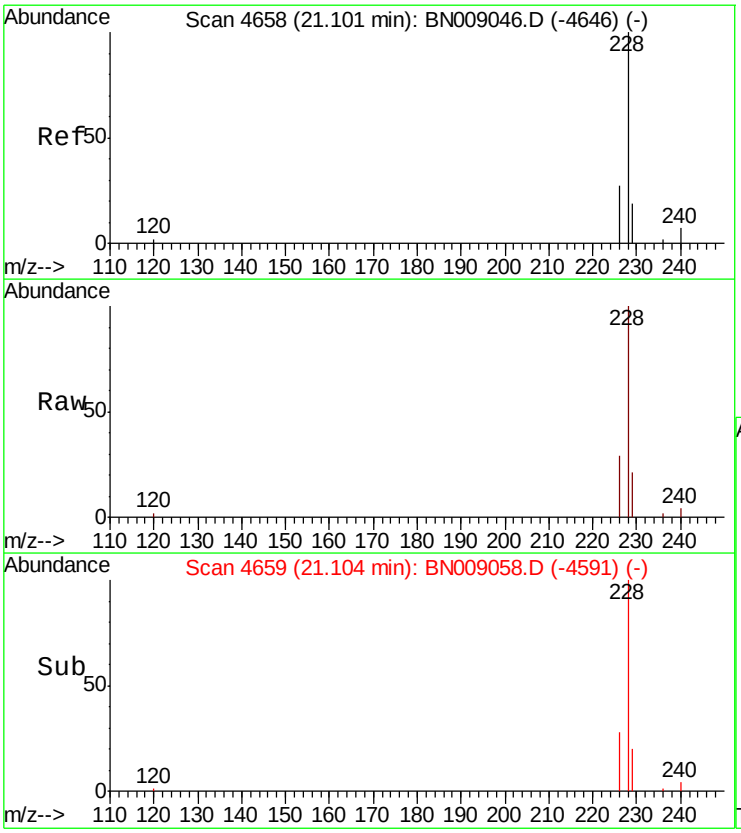
Tgt Ion:202 Resp: 119286

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.9	16.3
100	11.5	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
C0BX1

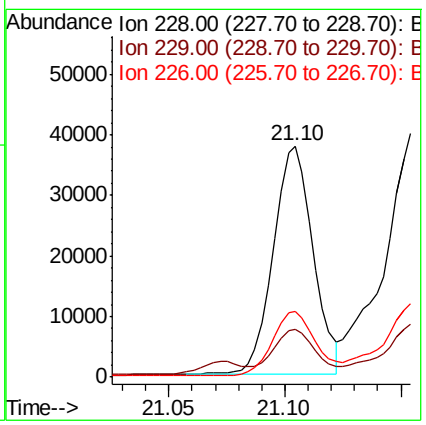
Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM

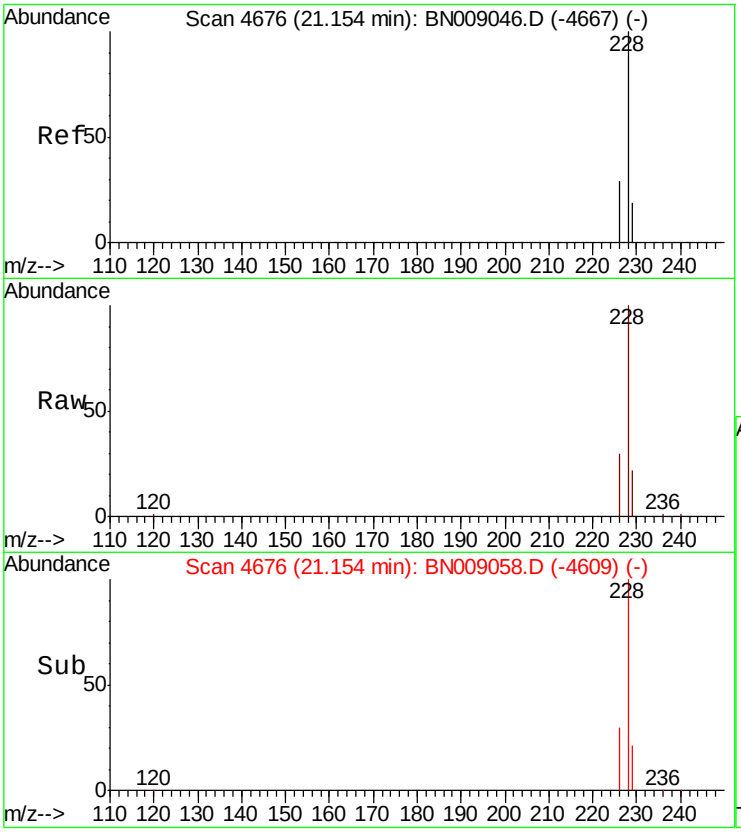


#18
Benzo(a)anthracene
Concen: 1.017 ng/ul
RT: 21.10 min Scan# 4659
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

Tgt Ion:228 Resp: 45088

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	28.7	21.7	32.5

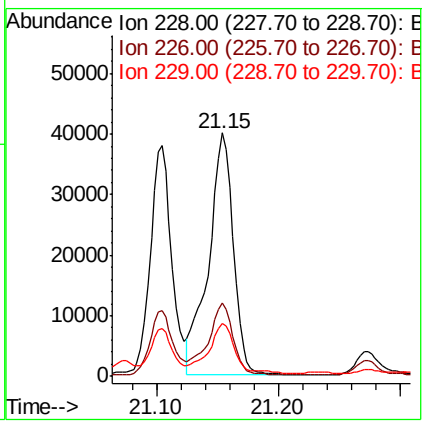




#19
Chrysene
Concen: 1.261 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

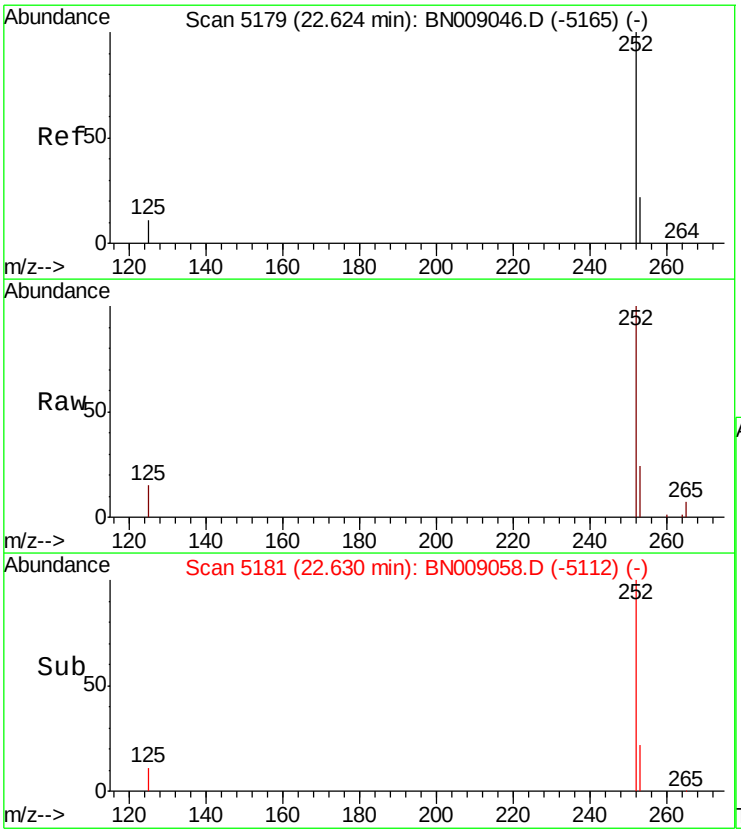
Tgt Ion:228 Resp: 56158

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	21.9	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0BX1

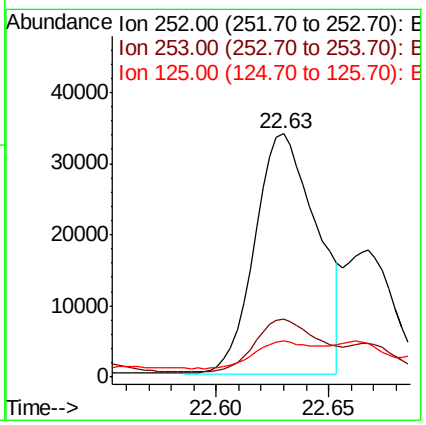
Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM

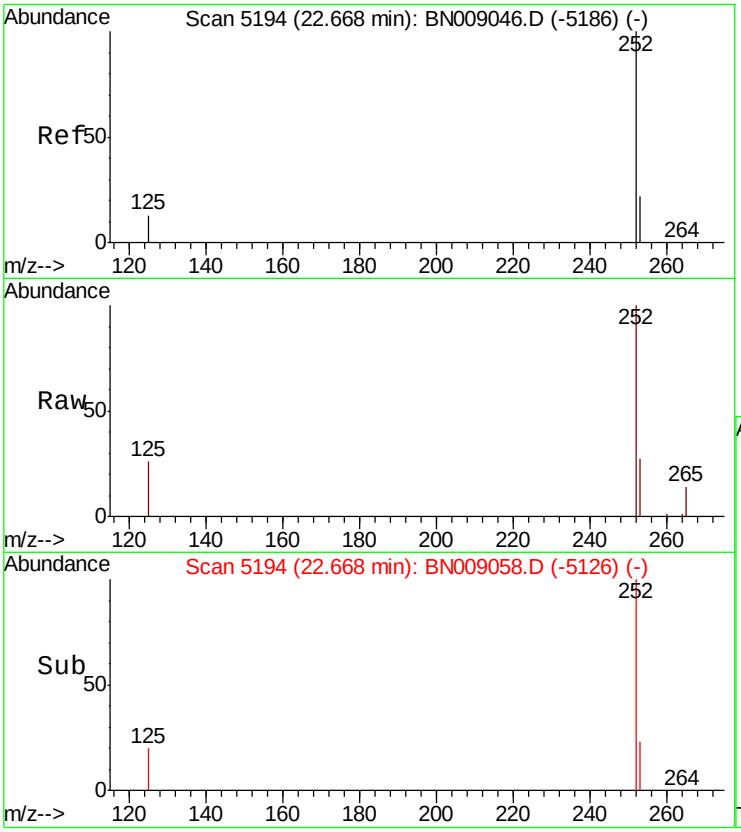


#21
Benzo(b)fluoranthene
Concen: 1.488 ng/ul m
RT: 22.63 min Scan# 5181
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

Tgt Ion:252 Resp: 64335

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	48.2
125	14.7	0.0	30.0





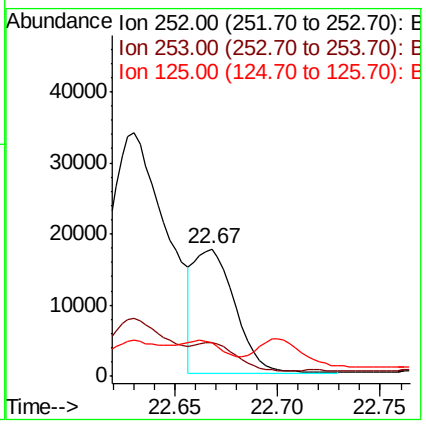
#22
Benzo(k)fluoranthene
Concen: 0.554 ng/ul m
RT: 22.67 min Scan# 5194
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

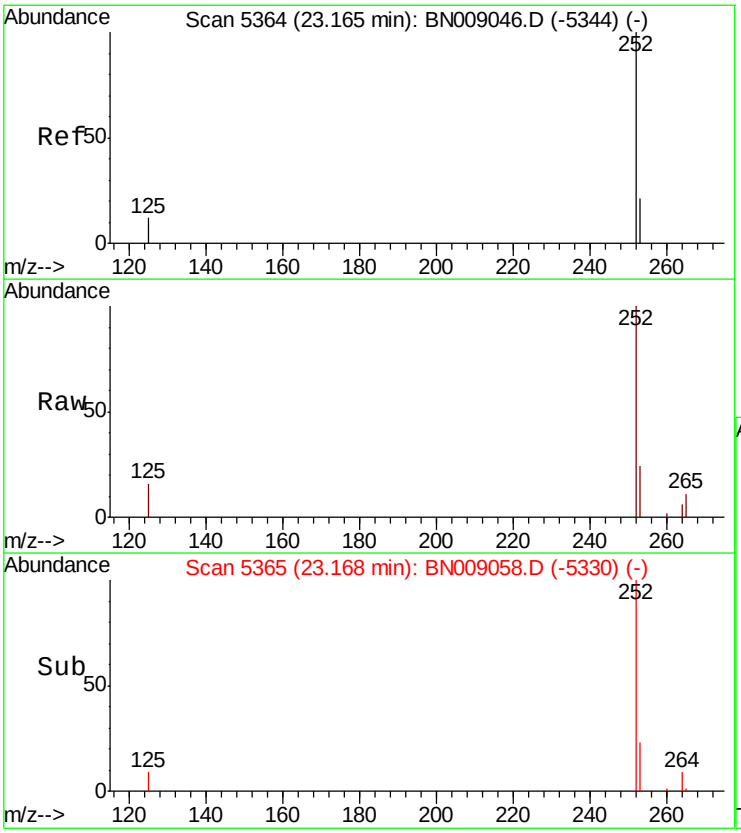
Tgt Ion:252 Resp: 24140

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.4	29.0
125	26.0	12.4	18.6#

Instrument :
BNA_N
ClientSampleId :
C0BX1

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM

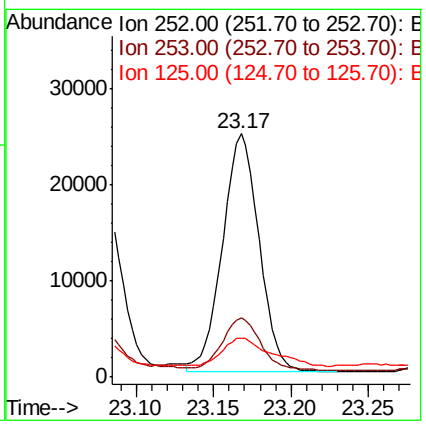


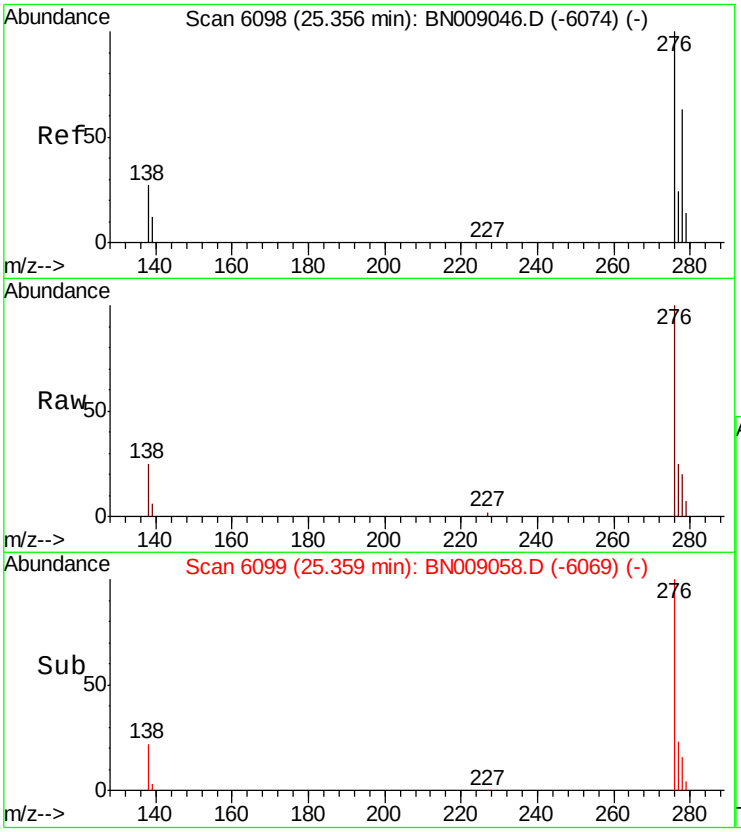


#23
Benzo(a)pyrene
Concen: 1.074 ng/ul
RT: 23.17 min Scan# 5365
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

Tgt Ion:252 Resp: 40708

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.2	30.4
125	16.1	13.2	19.8





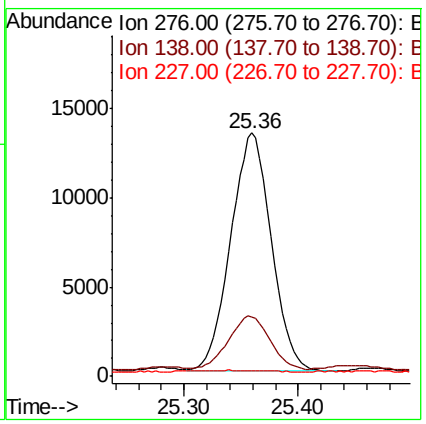
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.796 ng/ul
RT: 25.36 min Scan# 6099
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

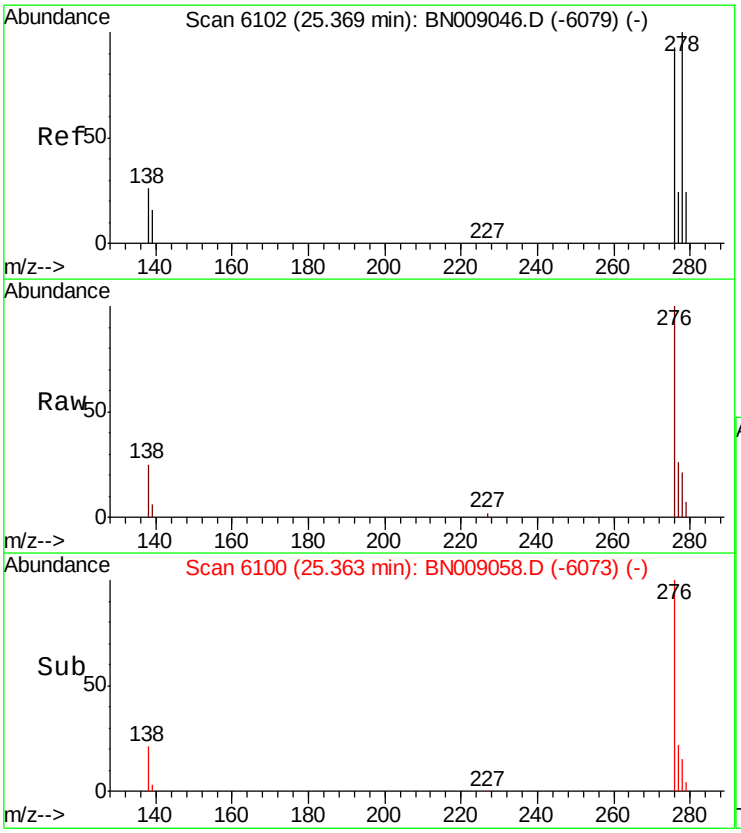
Tgt Ion:276 Resp: 32862

Ion	Ratio	Lower	Upper
276	100		
138	22.9	22.4	33.6
227	0.0	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0BX1

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM

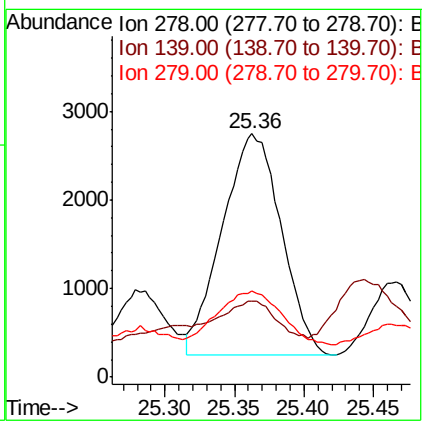


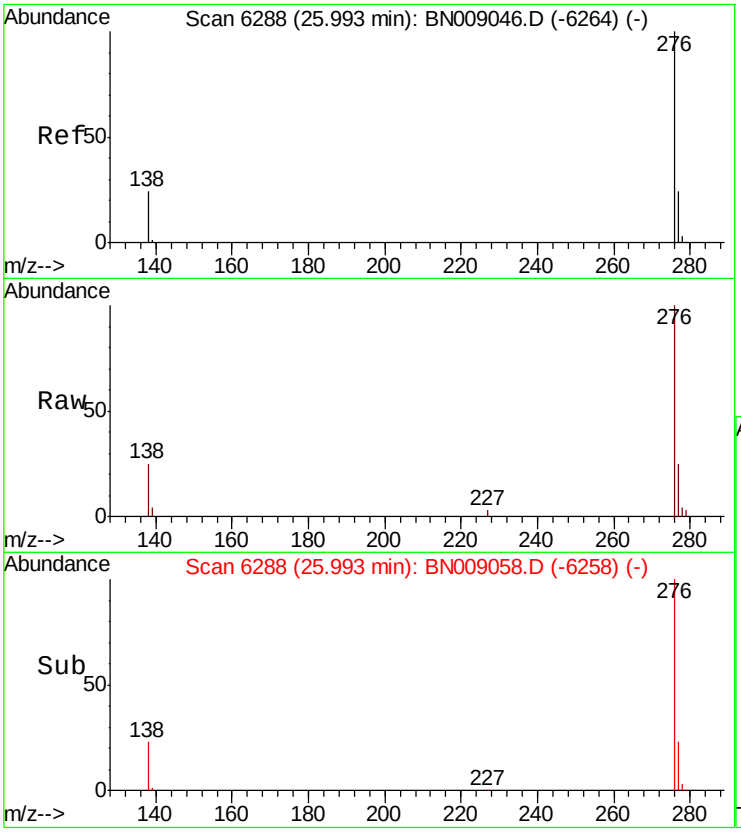


#25
Dibenzo(a,h)anthracene
Concen: 0.224 ng/ul
RT: 25.36 min Scan# 6100
Delta R.T. -0.01 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

Tgt Ion:278 Resp: 7360

Ion	Ratio	Lower	Upper
278	100		
139	31.0	16.2	24.2#
279	35.6	20.3	30.5#

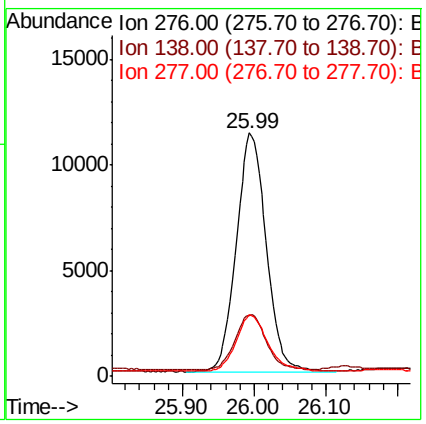




#26
Benzo(g,h,i)perylene
Concen: 0.941 ng/ul
RT: 25.99 min Scan# 6288
Delta R.T. 0.00 min
Lab File: BN009058.D
Acq: 20 Dec 2019 08:32

Tgt Ion:276 Resp: 32699

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	30.8
277	25.2	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0BX1

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:08 PM