Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009062.D
Acq On : 20 Dec 2019 11:31
Operator : JU
Sample : K6171-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Dec 20 15:25:20 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 : C0BZ5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3723	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	14422	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	7896	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	16117	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9251	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8039	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	3487	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	7060	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.34	128	1584	0.036	ng/ul#	90
5) 2-Methylnaphthalene	11.96	142	1060	0.032	ng/ul	98
7) Acenaphthylene	13.88	152	2301	0.055	ng/ul#	91
8) Acenaphthene	14.23	153	941	0.029	ng/ul	95
9) Fluorene	15.22	166	2100	0.055	ng/ul#	98
12) Phenanthrene	16.95	178	55434	0.989	ng/ul	100
13) Anthracene	17.05	178	7905	0.157	ng/ul	99
15) Fluoranthene	18.98	202	151823	2.369	ng/ul	98
17) Pyrene	19.34	202	117224	2.484	ng/ul	100
18) Benzo(a)anthracene	21.10	228	43550	1.060	ng/ul	99
19) Chrysene	21.15	228	53357	1.292	ng/ul	98
21) Benzo(b)fluoranthene	22.63	252	63893m	1.702	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	24443m	0.646	ng/ul	
23) Benzo(a)pyrene	23.16	252	37261	1.133	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.35	276	29740	0.830	ng/ul	90
25) Dibenzo(a,h)anthracene	25.36	278	6459	0.226	ng/ul#	84
26) Benzo(g,h,i)perylene	25.99	276	29878	0.990	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\
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Acq On : 20 Dec 2019 11:31
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QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BZ5

Manual Integrations APPROVED
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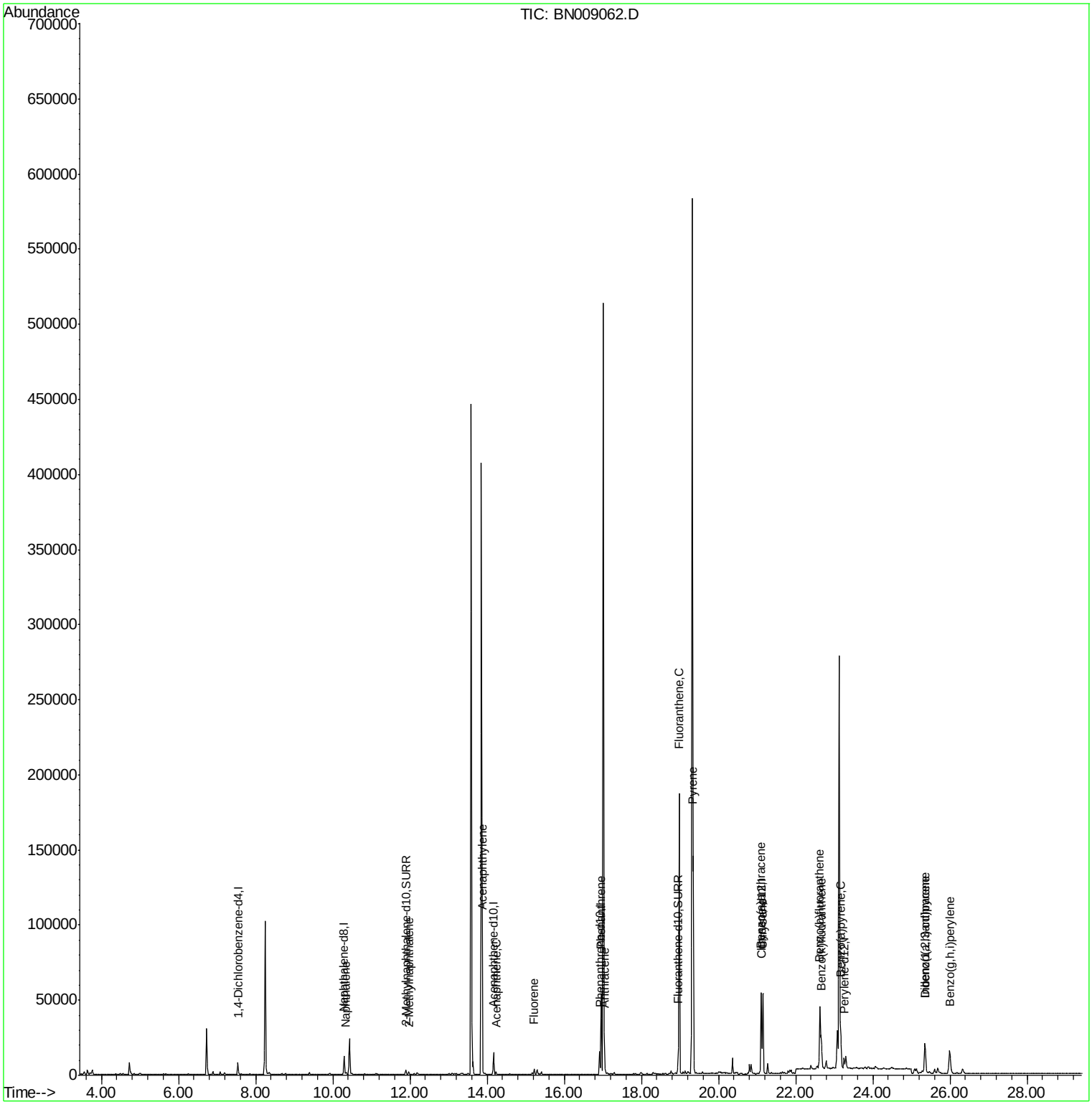

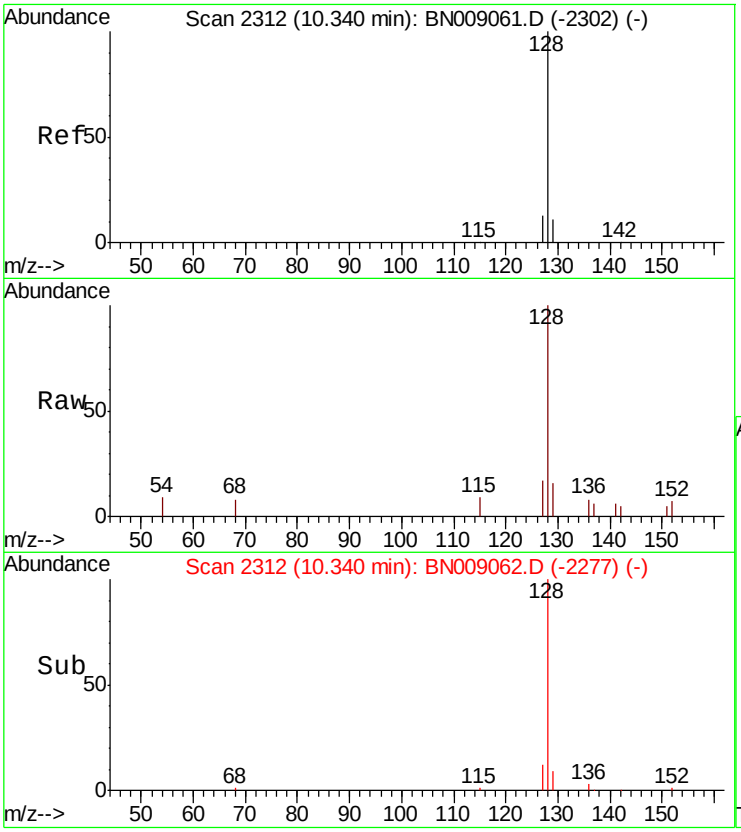

#3
Naphthalene
Concen: 0.036 ng/ul
RT: 10.34 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:128 Resp: 1584

Ion	Ratio	Lower	Upper
128	100		
129	15.7	9.0	13.4#
127	16.9	10.9	16.3#

Instrument :
BNA_N
ClientSampleId :
C0BZ5

Manual Integrations APPROVED
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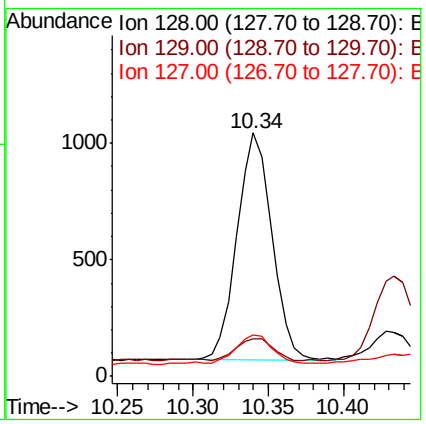
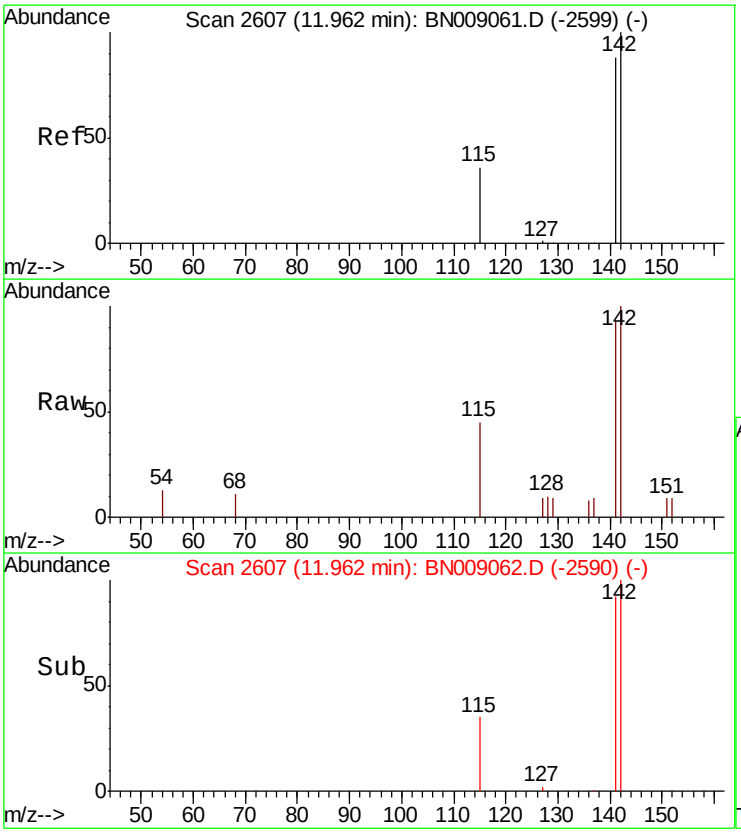
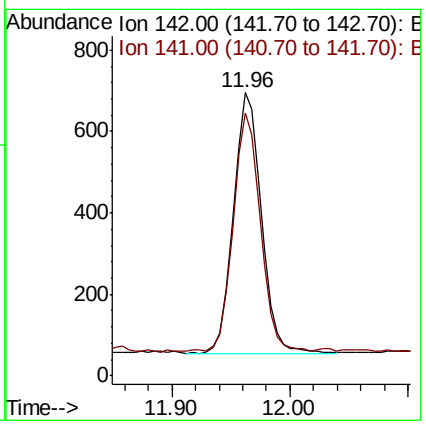


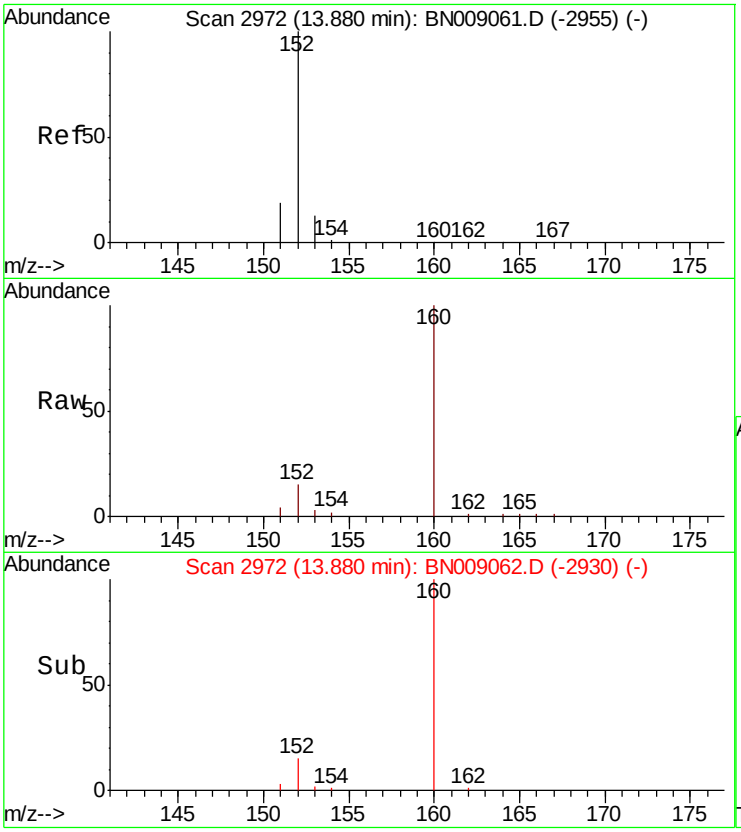


#5
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 11.96 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:142 Resp: 1060

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.2	105.4





#7
Acenaphthylene
Concen: 0.055 ng/ul
RT: 13.88 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:152 Resp: 2301

Ion	Ratio	Lower	Upper
152	100		
151	22.9	15.7	23.5
153	17.7	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
C0BZ5

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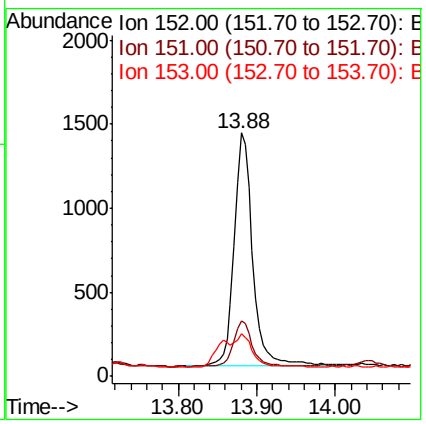
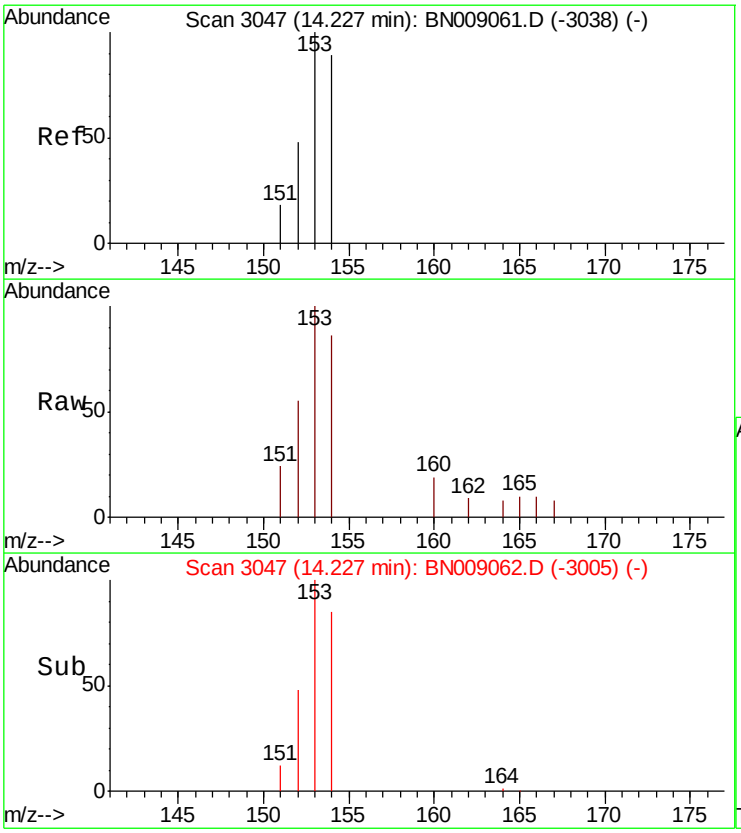
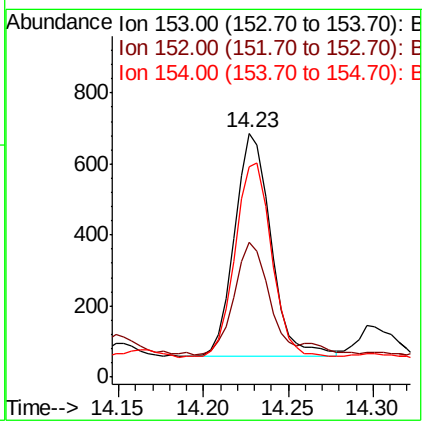


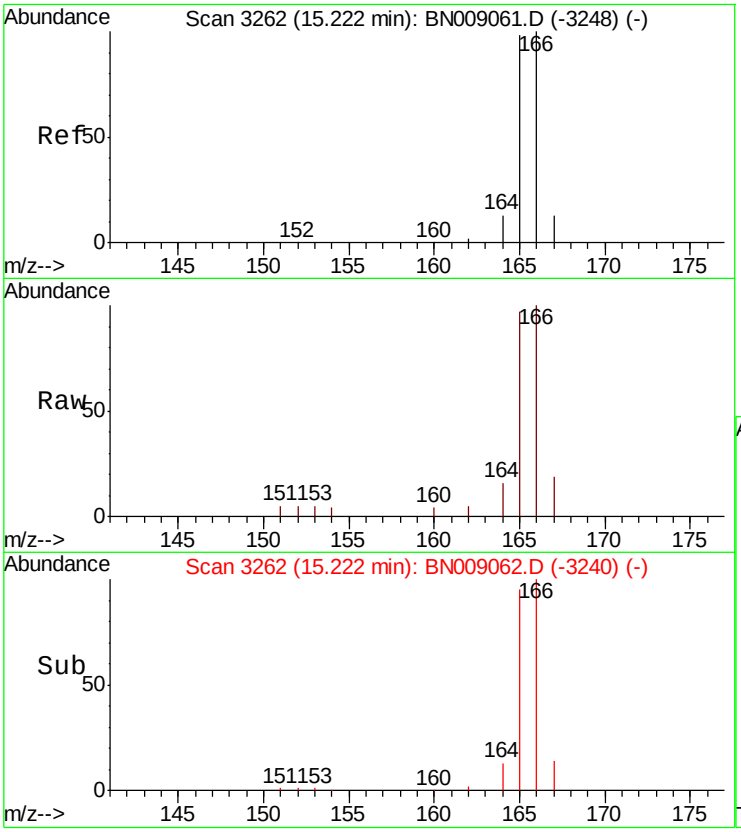


#8
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.23 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:153 Resp: 941

Ion	Ratio	Lower	Upper
153	100		
152	55.1	39.5	59.3
154	86.4	71.3	106.9

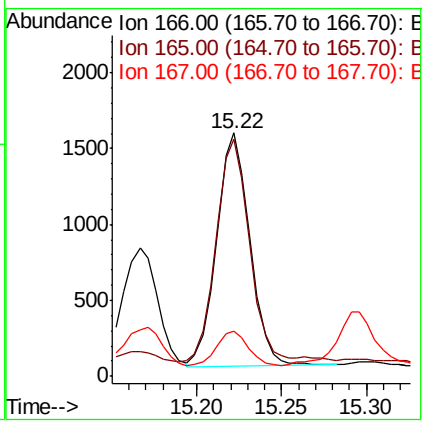




#9
Fluorene
Concen: 0.055 ng/ul
RT: 15.22 min Scan# 3262
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:166 Resp: 2100

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.4
167	18.6	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
C0BZ5

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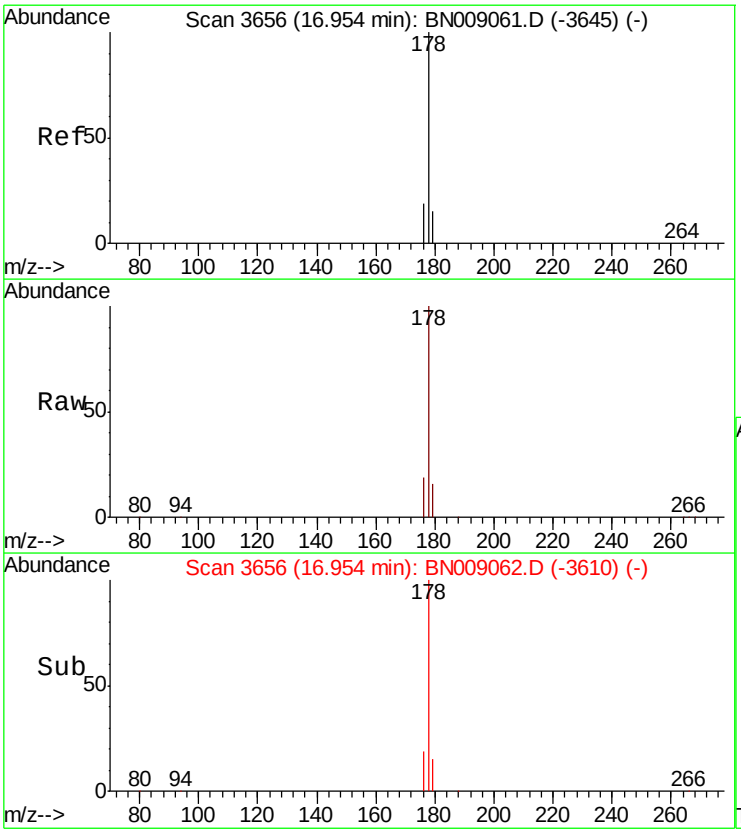
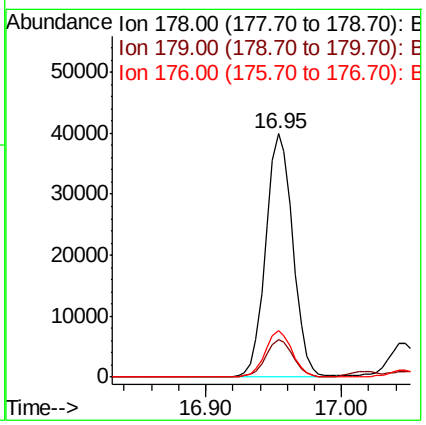
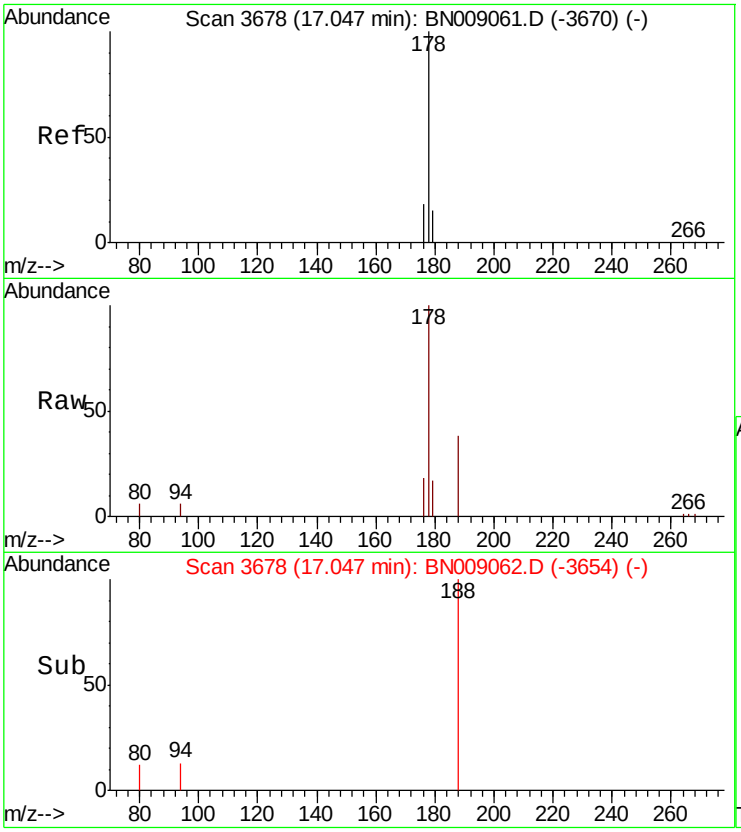


#12
Phenanthrene
Concen: 0.989 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:178 Resp: 55434

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.9	15.1	22.7

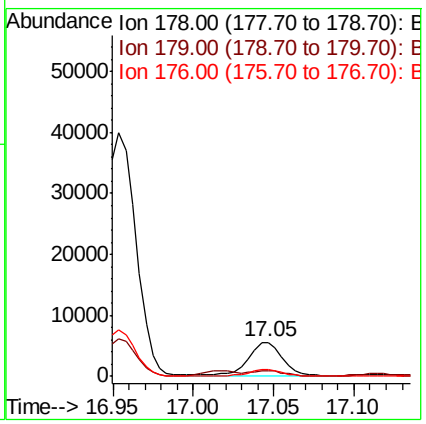




#13
Anthracene
Concen: 0.157 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:178 Resp: 7905

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.5	18.7
176	18.4	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0BZ5

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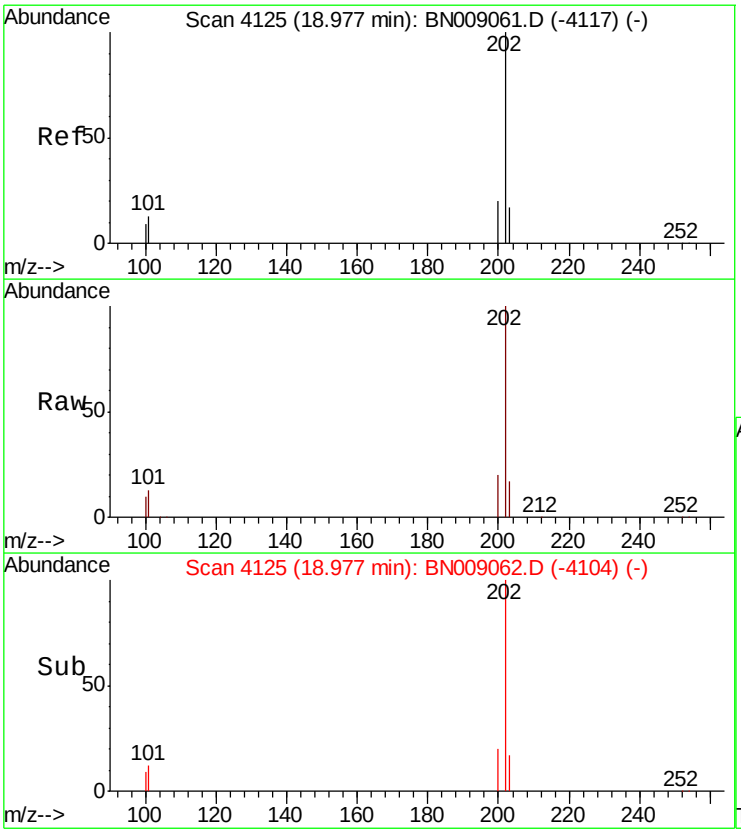
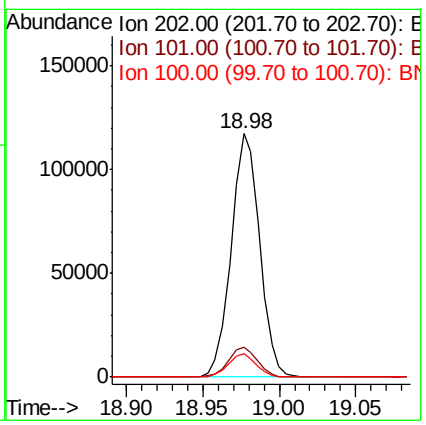
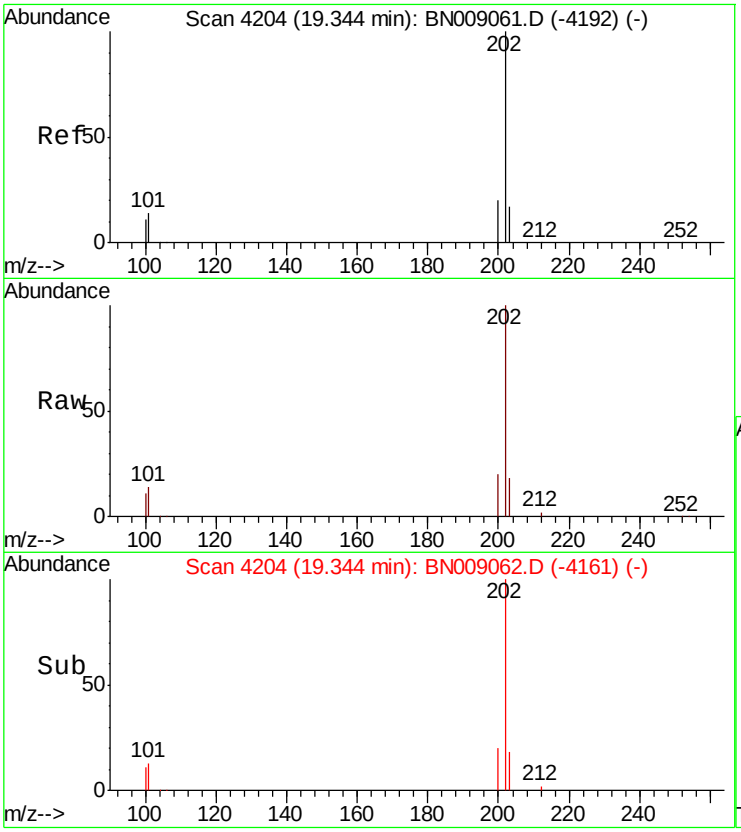


#15
Fluoranthene
Concen: 2.369 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:202 Resp: 151823

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.5
100	9.5	0.0	28.9





#17
Pyrene
Concen: 2.484 ng/ul
RT: 19.34 min Scan# 4204
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:202 Resp: 117224

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	11.0	9.0	13.6

Instrument :
BNA_N
ClientSampleId :
C0BZ5

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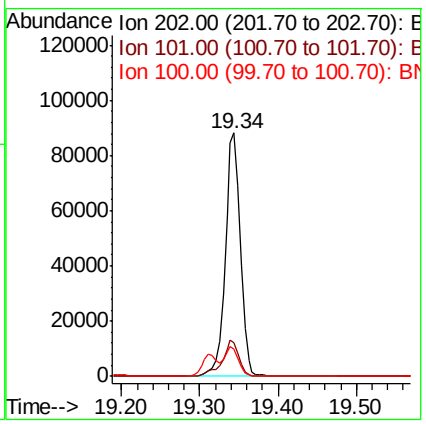
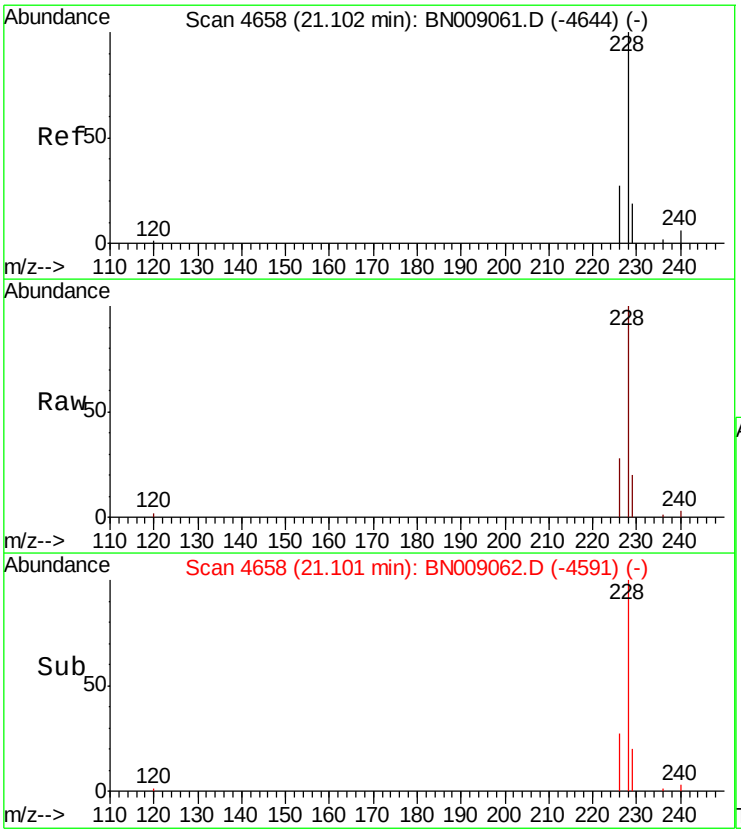
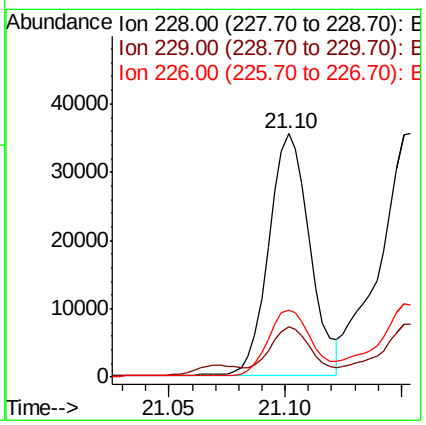


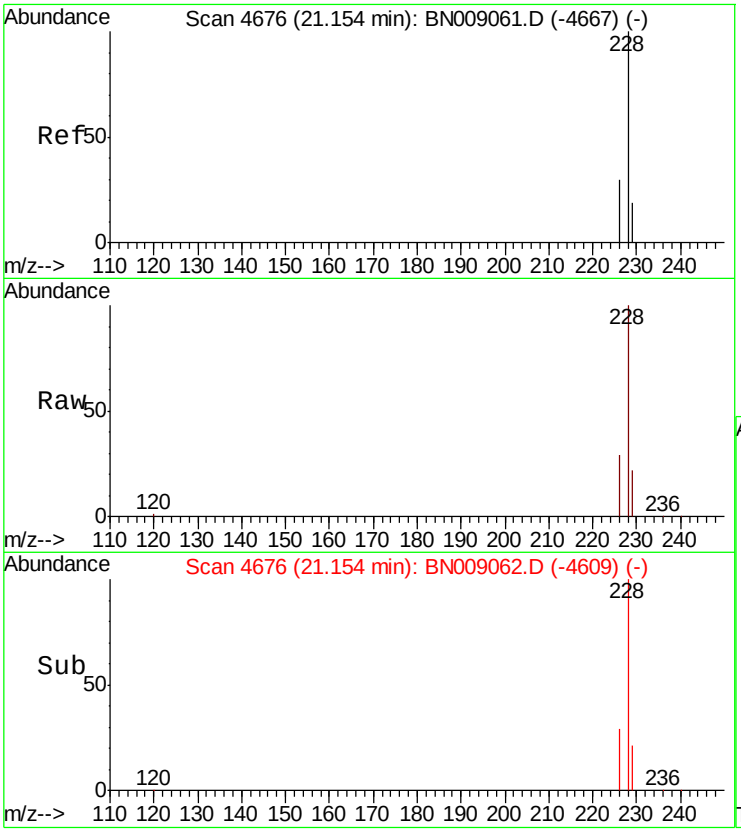


#18
Benzo(a)anthracene
Concen: 1.060 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:228 Resp: 43550

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	27.5	21.7	32.5

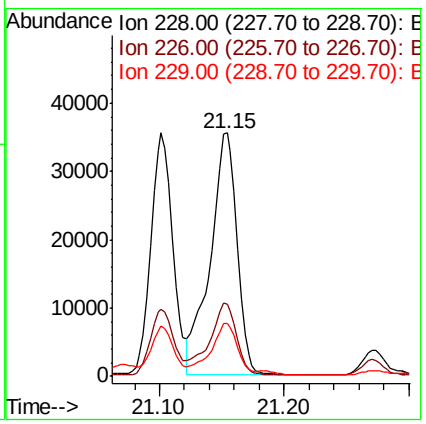




#19
Chrysene
Concen: 1.292 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:228 Resp: 53357

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	21.7	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
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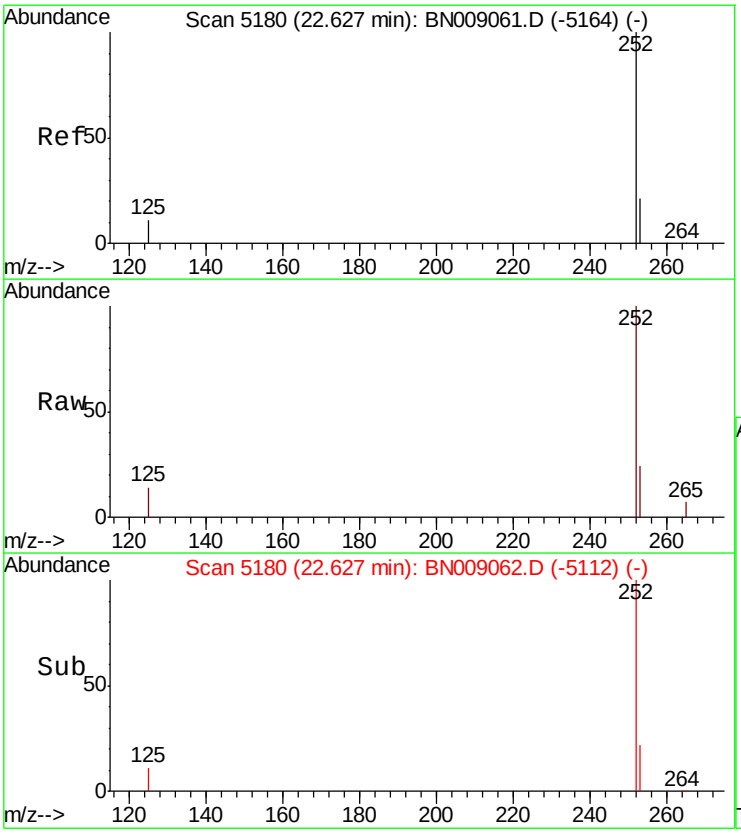
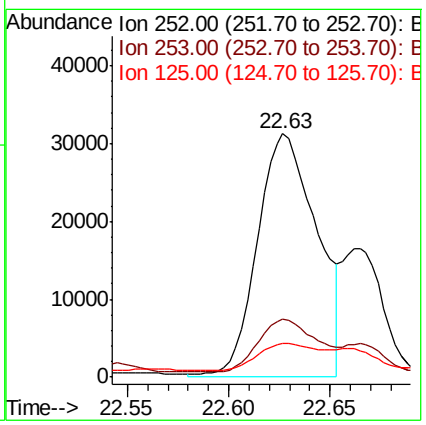
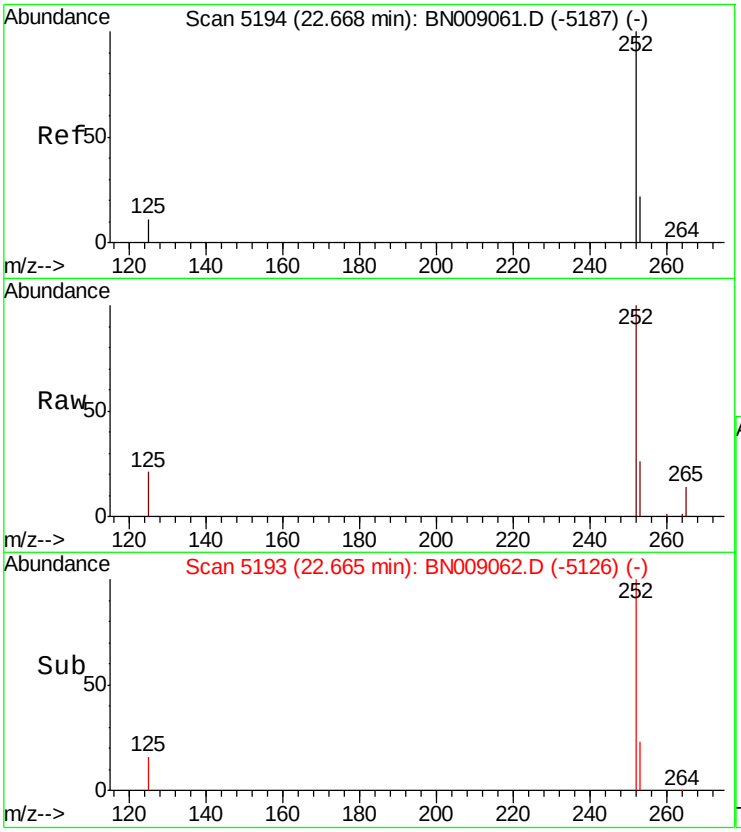


#21
Benzo(b)fluoranthene
Concen: 1.702 ng/ul m
RT: 22.63 min Scan# 5180
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:252 Resp: 63893

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	48.2
125	14.1	0.0	30.0





#22
Benzo(k)fluoranthene
Concen: 0.646 ng/ul m
RT: 22.66 min Scan# 5193
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:252 Resp: 24443

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.4	29.0
125	20.7	12.4	18.6#

Instrument :
BNA_N
ClientSampleId :
C0BZ5

Manual Integrations APPROVED
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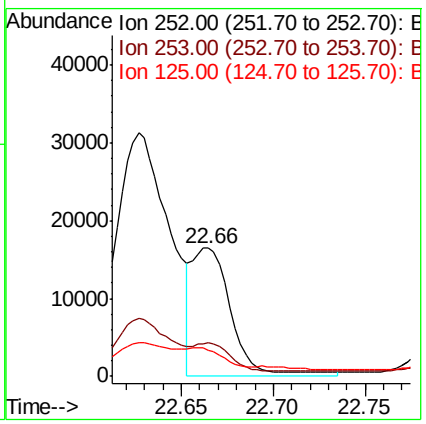
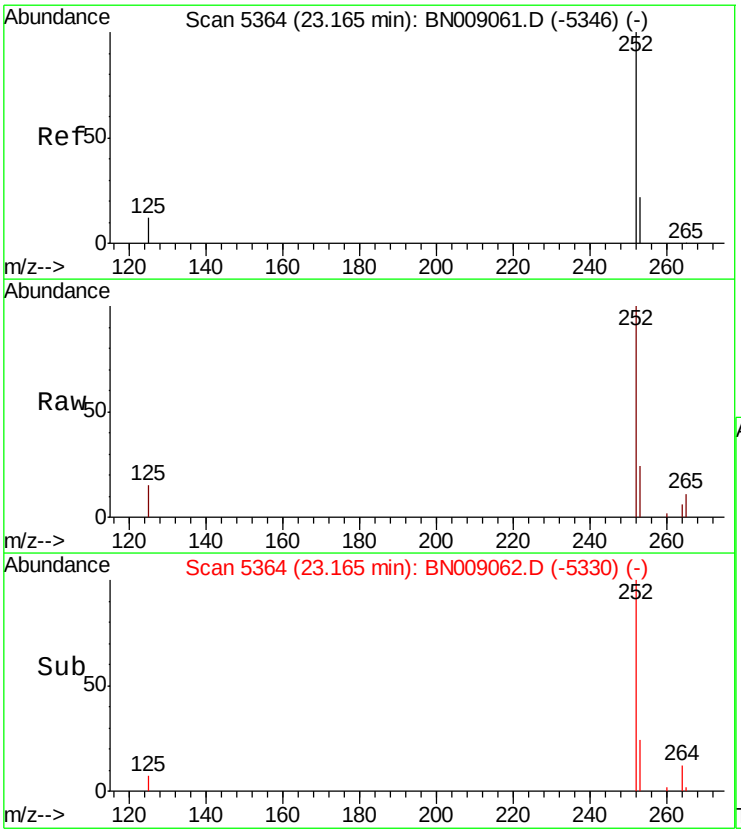
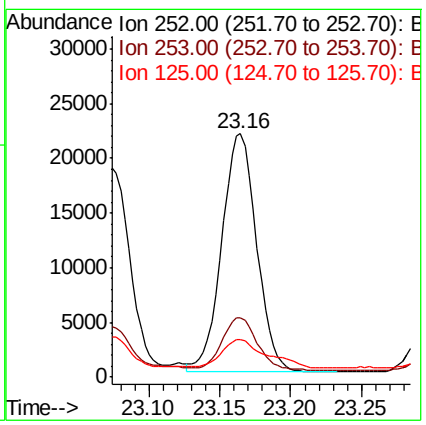


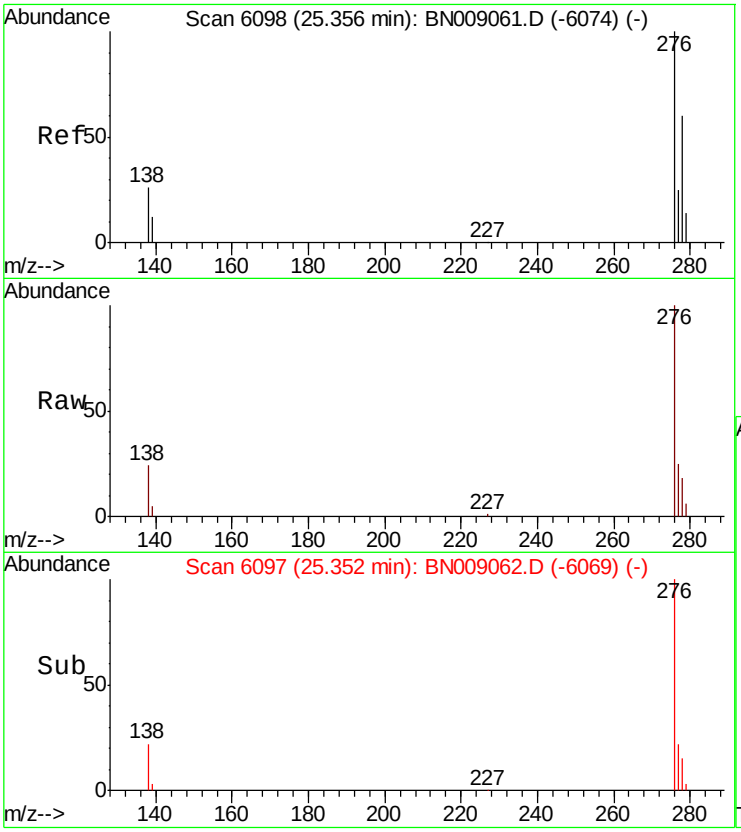


#23
Benzo(a)pyrene
Concen: 1.133 ng/ul
RT: 23.16 min Scan# 5364
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:252 Resp: 37261

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.2	30.4
125	15.5	13.2	19.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.830 ng/ul
RT: 25.35 min Scan# 6097
Delta R.T. -0.01 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:276 Resp: 29740

Ion	Ratio	Lower	Upper
276	100		
138	22.9	22.4	33.6
227	0.3	0.2	0.4

Instrument :
BNA_N
ClientSampleId :
C0BZ5

Manual Integrations APPROVED
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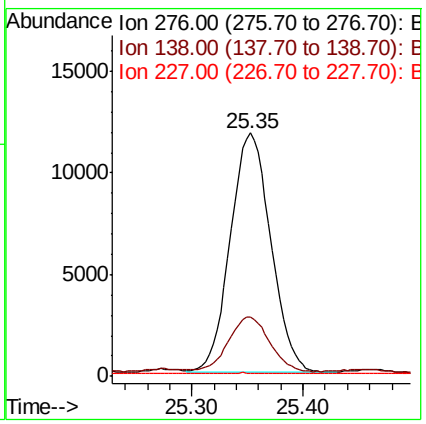
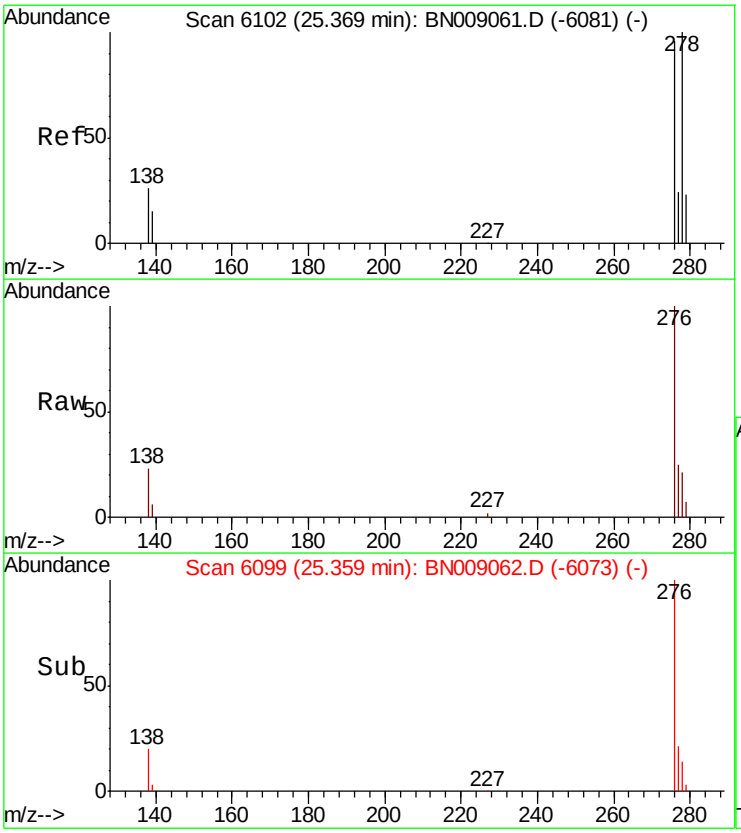
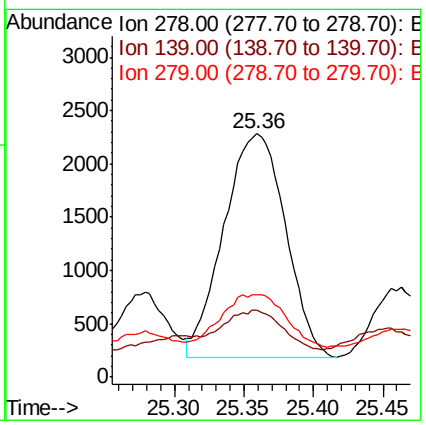


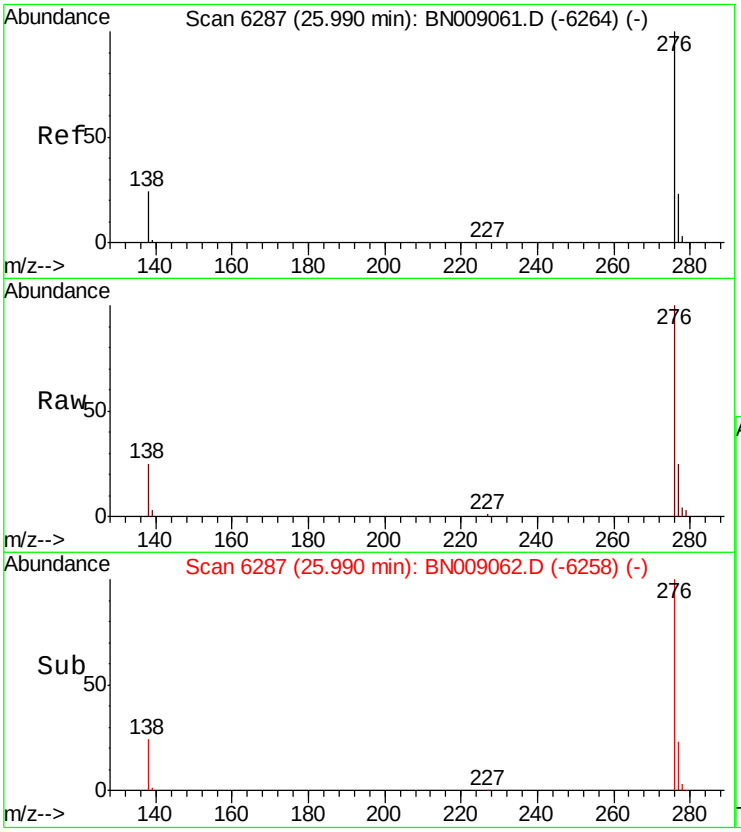


#25
Dibenzo(a,h)anthracene
Concen: 0.226 ng/ul
RT: 25.36 min Scan# 6099
Delta R.T. -0.01 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:278 Resp: 6459

Ion	Ratio	Lower	Upper
278	100		
139	27.3	16.2	24.2#
279	33.6	20.3	30.5#

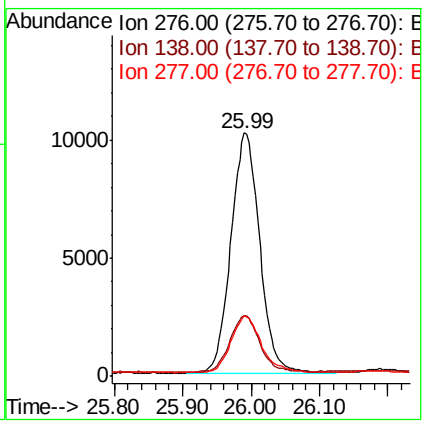




#26
Benzo(g,h,i)perylene
Concen: 0.990 ng/ul
RT: 25.99 min Scan# 6287
Delta R.T. -0.00 min
Lab File: BN009062.D
Acq: 20 Dec 2019 11:31

Tgt Ion:276 Resp: 29878

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.6	30.8
277	24.7	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0BZ5

Manual Integrations APPROVED
mohammad
12/23/2019 8:02:29 AM