Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009052.D
Acq On : 20 Dec 2019 04:59
Operator : JU
Sample : K6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 20 06:29:49 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 : C0BS9

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	3623	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	13971	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	7991	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	15964m	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	8742	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	8120	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	5949	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	11360	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.34	128	6416	0.151	ng/ul	98
5) 2-Methylnaphthalene	11.96	142	5009	0.156	ng/ul	99
7) Acenaphthylene	13.88	152	5713	0.136	ng/ul	96
8) Acenaphthene	14.23	153	2558	0.078	ng/ul	99
9) Fluorene	15.22	166	6348	0.163	ng/ul#	98
12) Phenanthrene	16.95	178	134913	2.430	ng/ul	100
13) Anthracene	17.05	178	20962	0.421	ng/ul	99
15) Fluoranthene	18.98	202	286901	4.519	ng/ul	98
17) Pyrene	19.34	202	214551	4.811	ng/ul	96
18) Benzo(a)anthracene	21.10	228	84301	2.172	ng/ul	96
19) Chrysene	21.15	228	95044	2.436	ng/ul	96
21) Benzo(b)fluoranthene	22.62	252	115402m	3.044	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	35306m	0.923	ng/ul	
23) Benzo(a)pyrene	23.16	252	74316	2.237	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.35	276	54234	1.499	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.36	278	12978	0.451	ng/ul#	79
26) Benzo(g,h,i)perylene	25.99	276	58261	1.911	ng/ul	99

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_N
ClientSampleId :
C0BS9

Manual Integrations APPROVED
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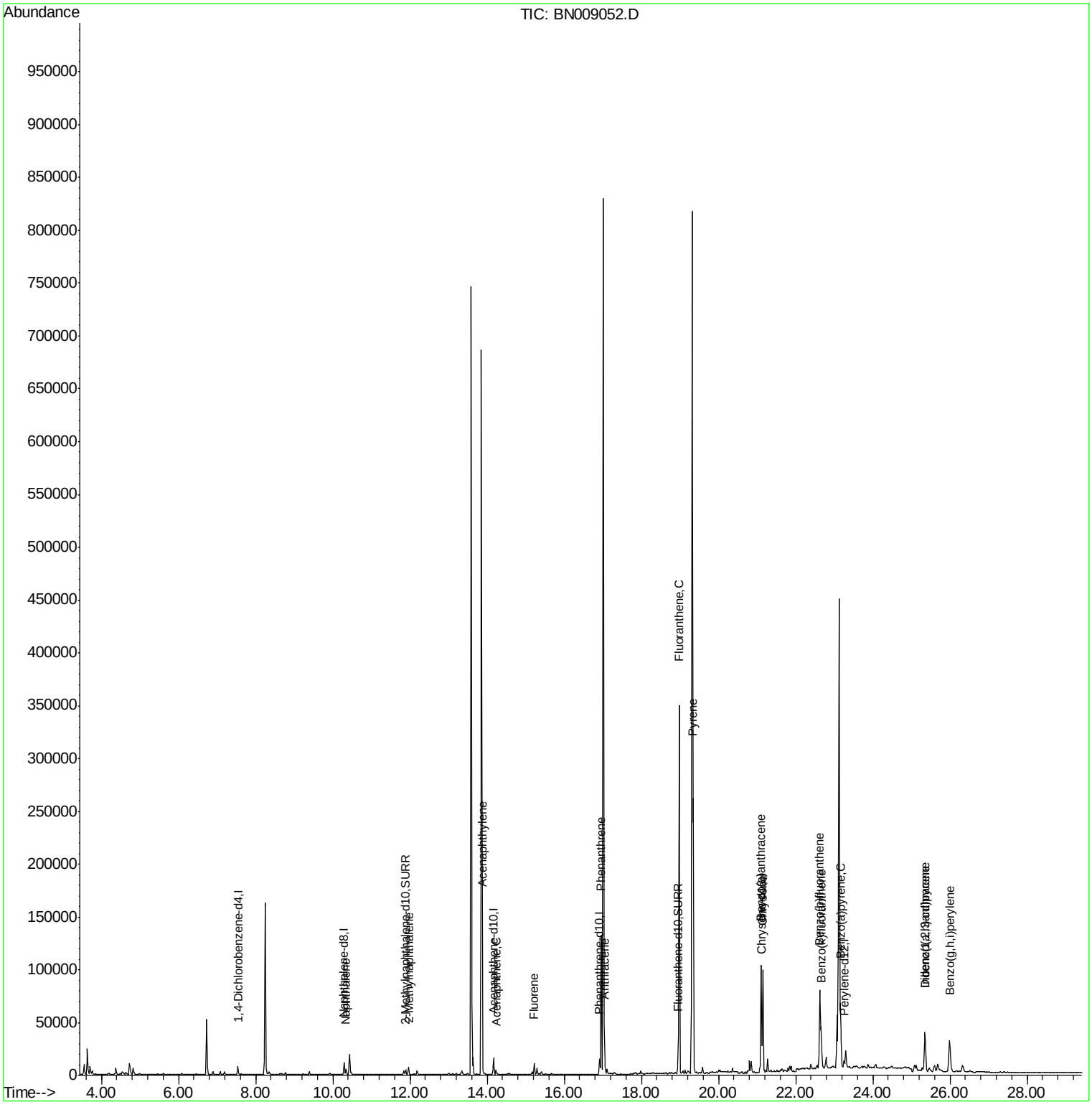
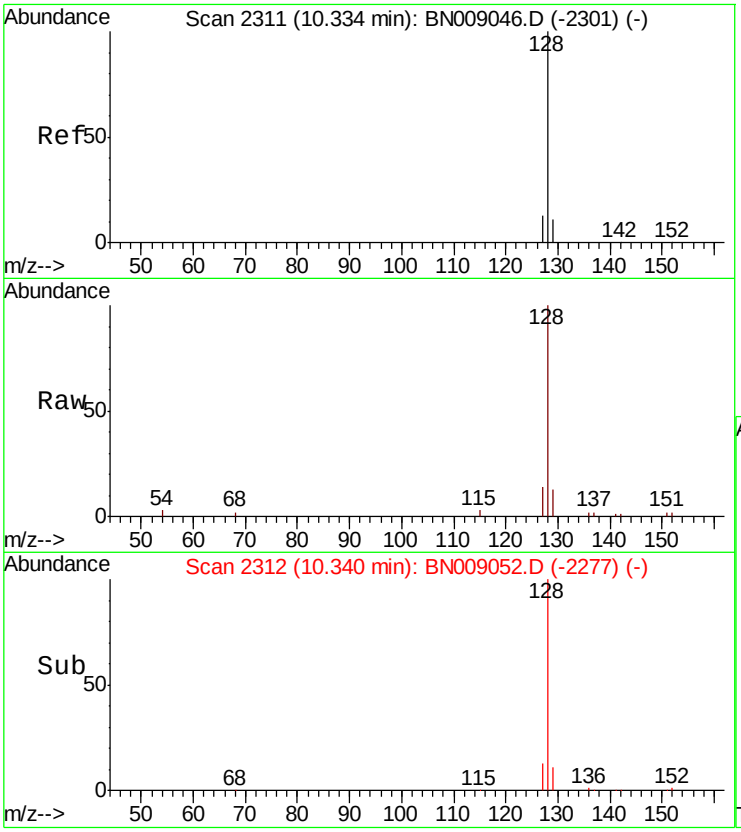
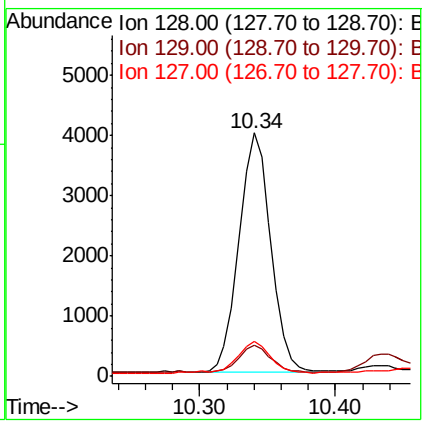




#3
Naphthalene
Concen: 0.151 ng/ul
RT: 10.34 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:128 Resp: 6416

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.0	13.4
127	14.1	10.9	16.3



Instrument :
BNA_N
ClientSampleId :
C0BS9

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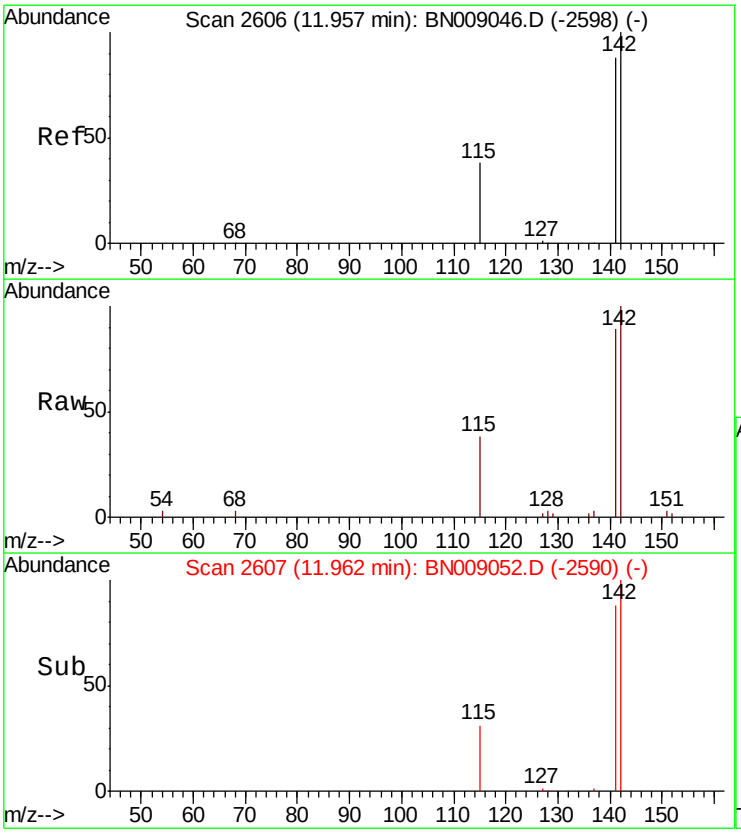
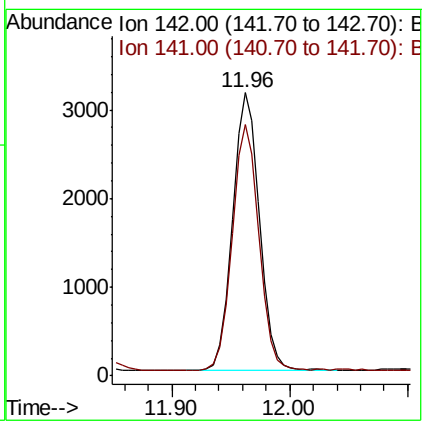
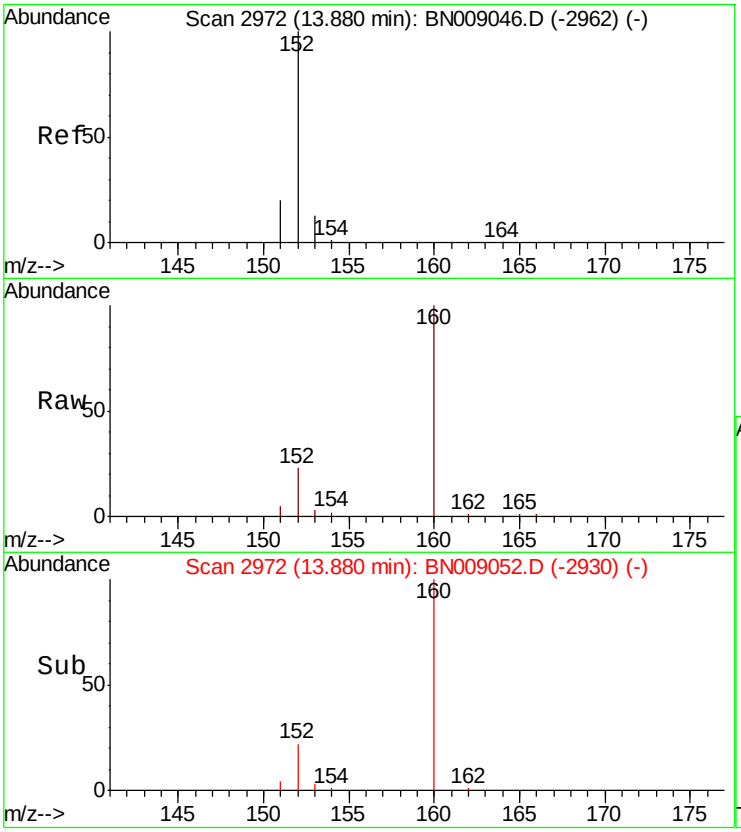


#5
2-Methylnaphthalene
Concen: 0.156 ng/ul
RT: 11.96 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:142 Resp: 5009

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.2	105.4

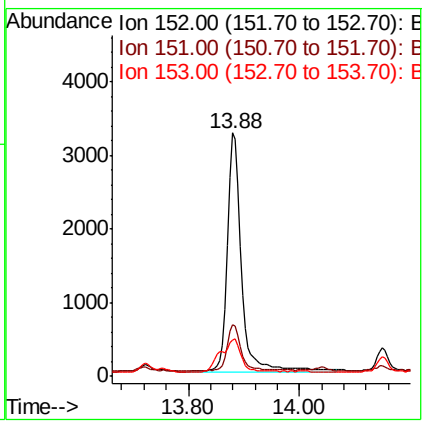




#7
Acenaphthylene
Concen: 0.136 ng/ul
RT: 13.88 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:152 Resp: 5713

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.7	23.5
153	15.0	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0BS9

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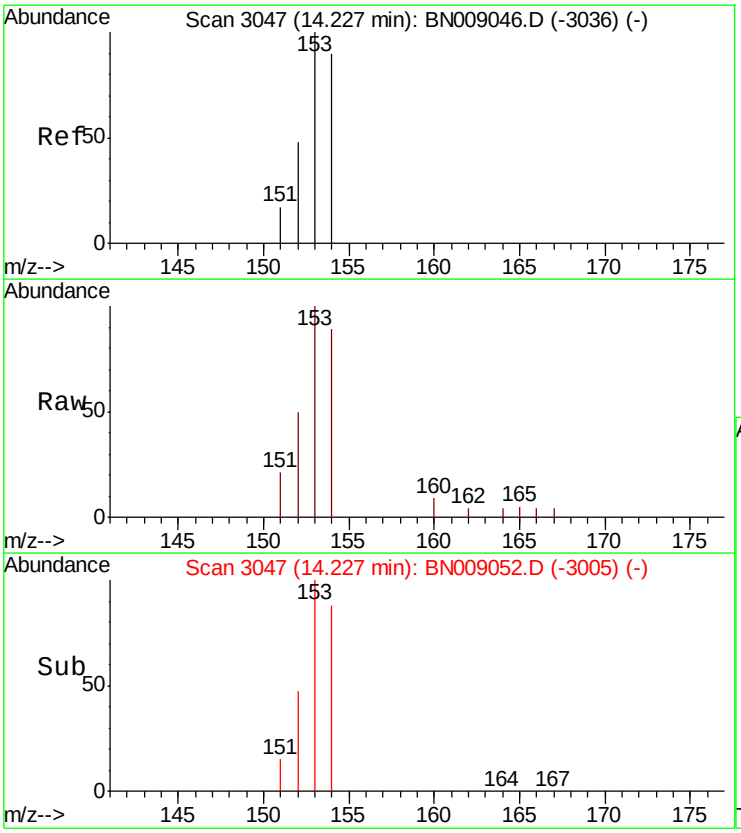
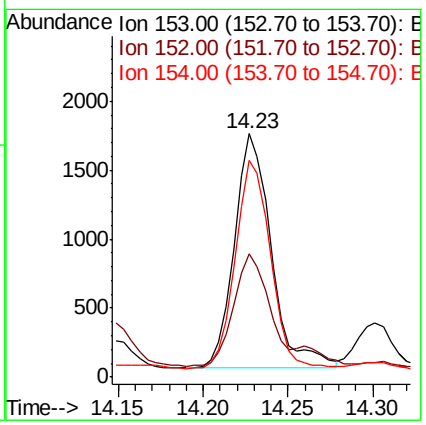
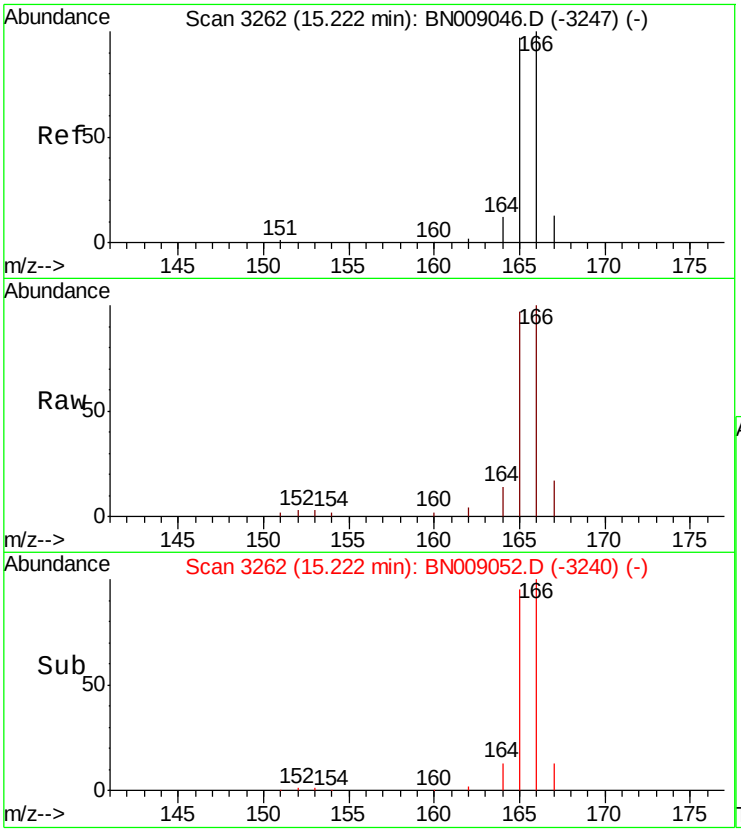


#8
Acenaphthene
Concen: 0.078 ng/ul
RT: 14.23 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:153 Resp: 2558

Ion	Ratio	Lower	Upper
153	100		
152	50.4	39.5	59.3
154	88.8	71.3	106.9





#9
Fluorene
Concen: 0.163 ng/ul
RT: 15.22 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:166 Resp: 6348

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.2	117.4
167	16.9	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
C0BS9

Manual Integrations APPROVED
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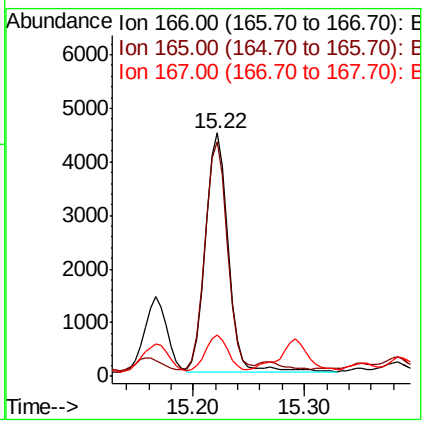
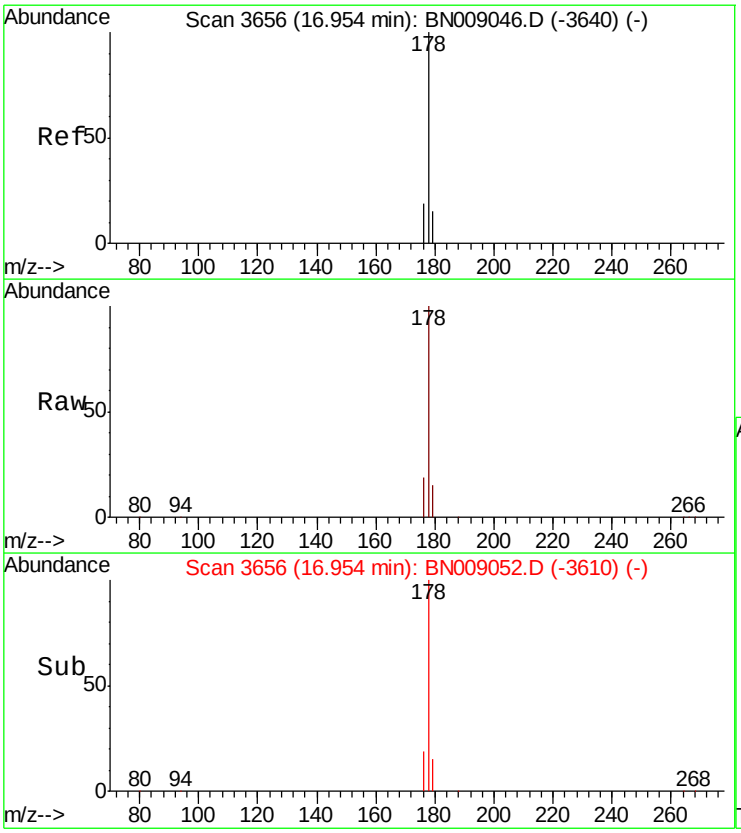
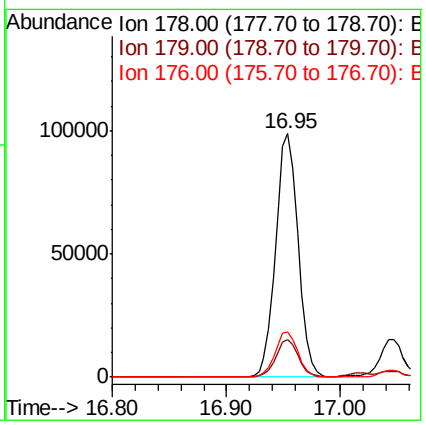


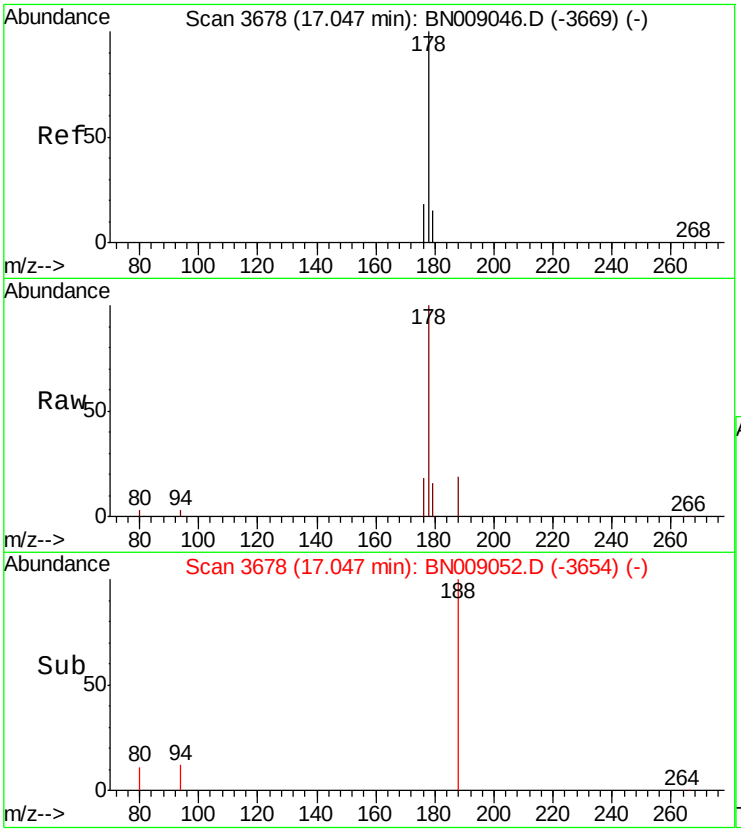


#12
Phenanthrene
Concen: 2.430 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:178 Resp: 134913

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.6	15.1	22.7

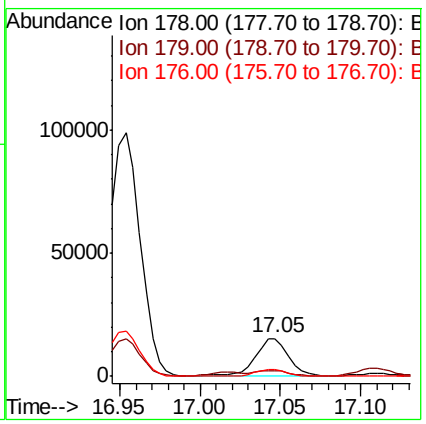




#13
Anthracene
Concen: 0.421 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:178 Resp: 20962

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	18.1	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0BS9

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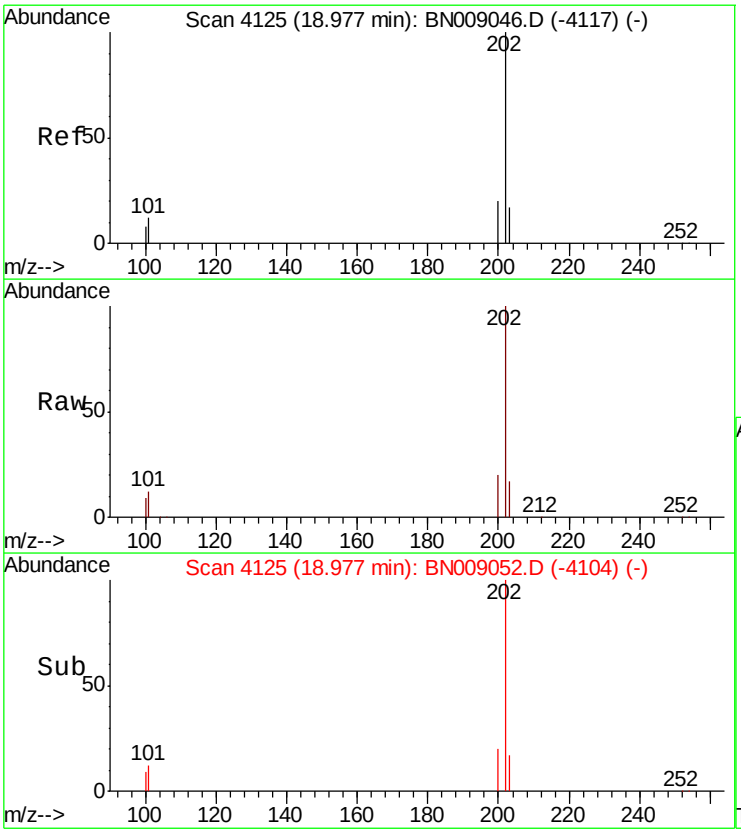
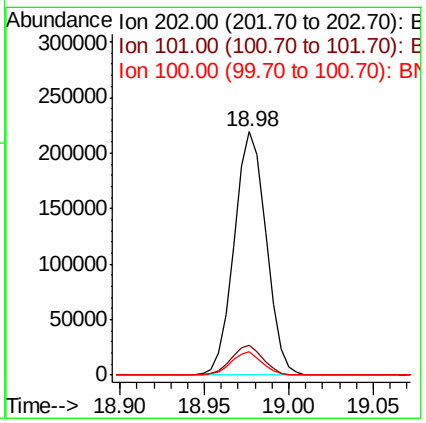
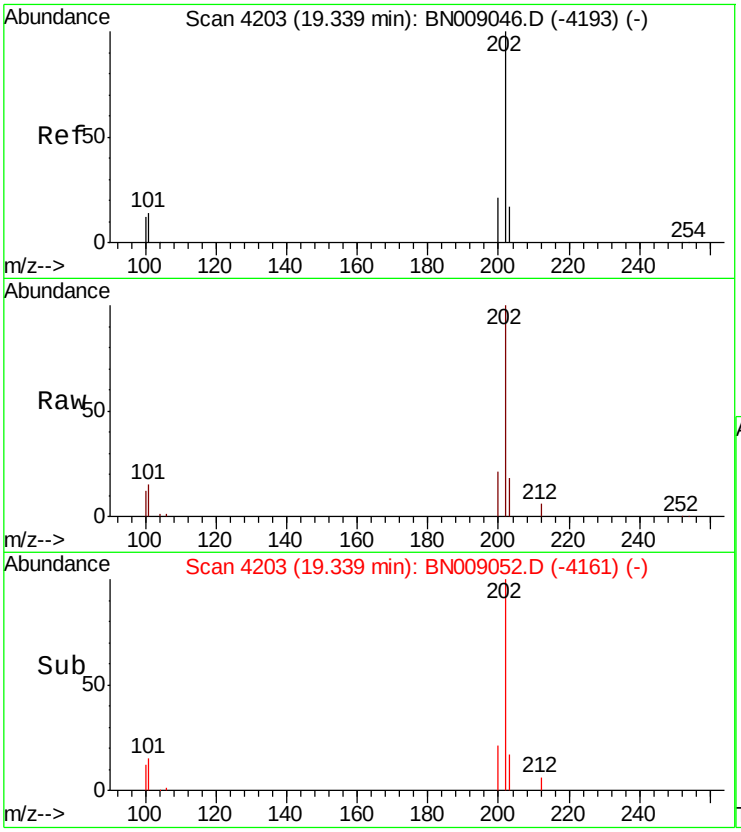


#15
Fluoranthene
Concen: 4.519 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:202 Resp: 286901

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.5
100	9.4	0.0	28.9

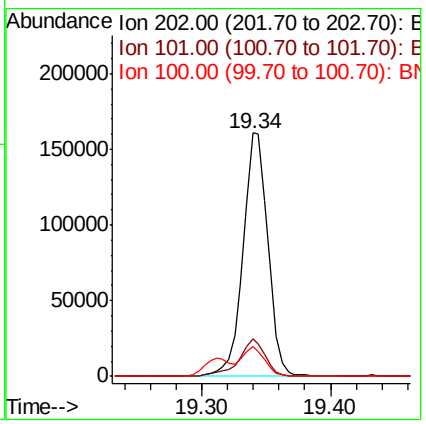




#17
Pyrene
Concen: 4.811 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:202 Resp: 214551

Ion	Ratio	Lower	Upper
202	100		
101	15.3	10.9	16.3
100	12.4	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
C0BS9

Manual Integrations APPROVED
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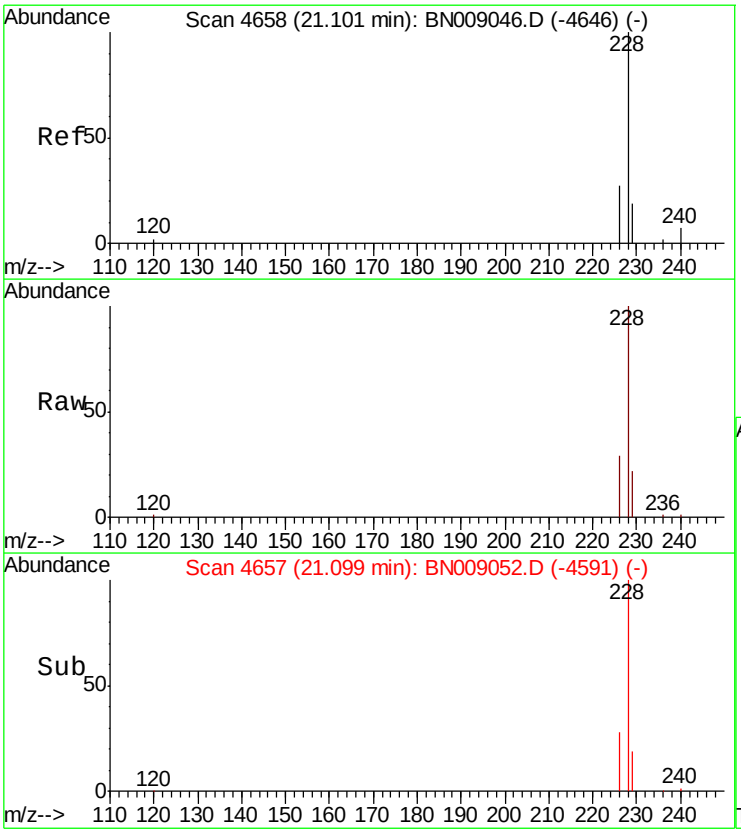
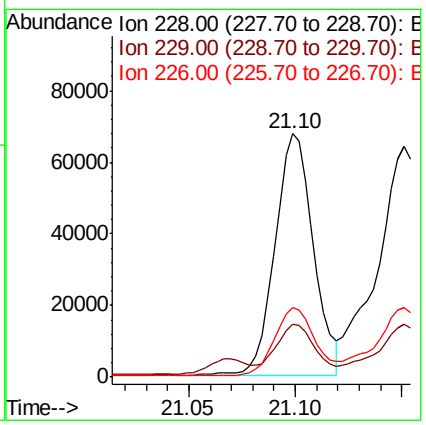
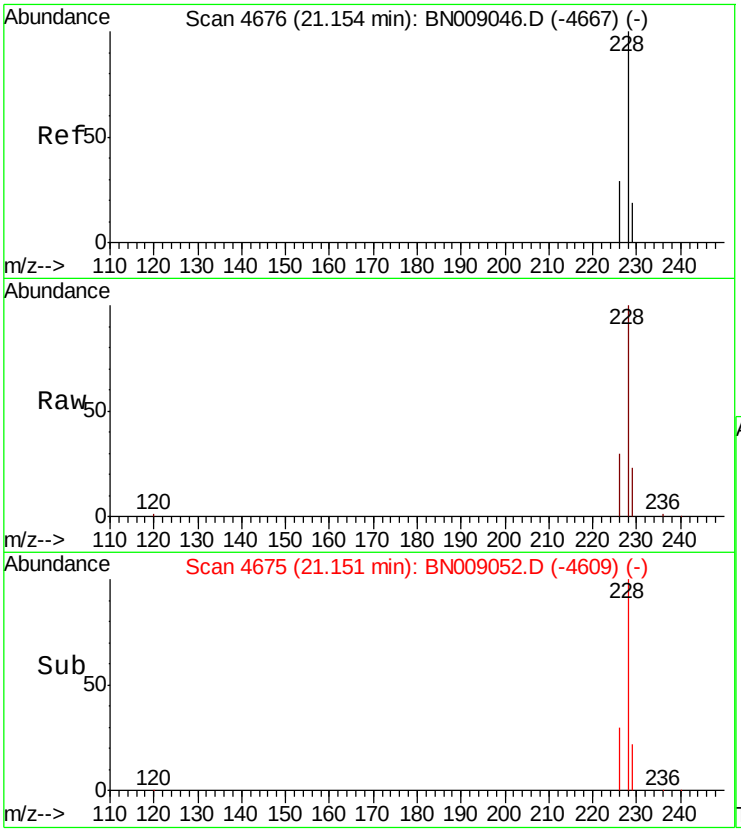


#18
Benzo(a)anthracene
Concen: 2.172 ng/ul
RT: 21.10 min Scan# 4657
Delta R.T. -0.01 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:228 Resp: 84301

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.5	23.3
226	28.6	21.7	32.5

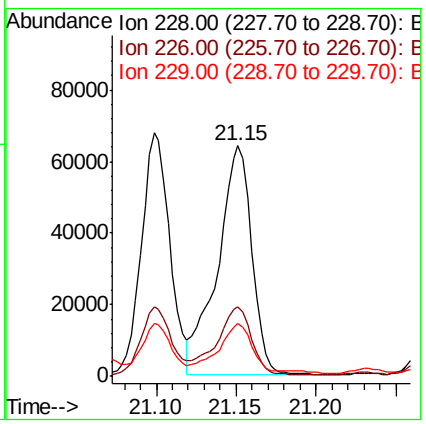




#19
Chrysene
Concen: 2.436 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:228 Resp: 95044

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	22.9	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0BS9

Manual Integrations APPROVED
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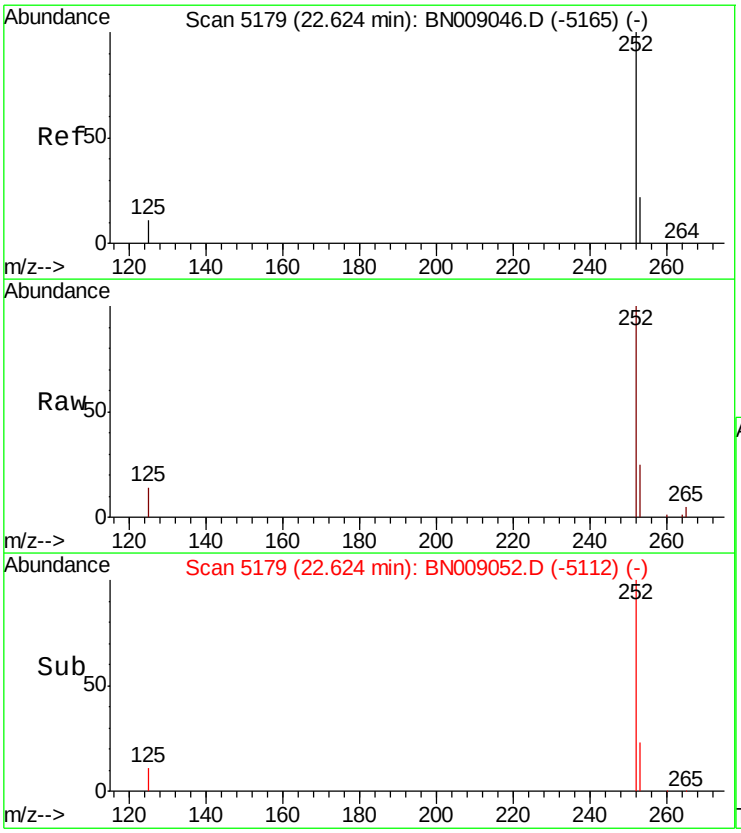
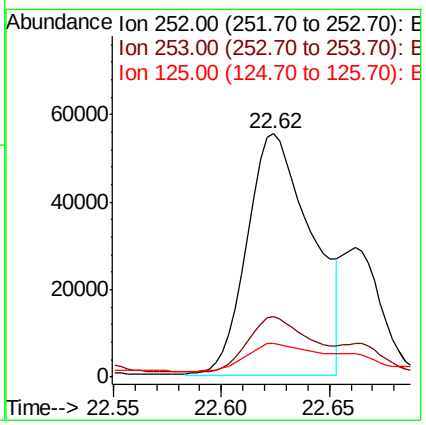
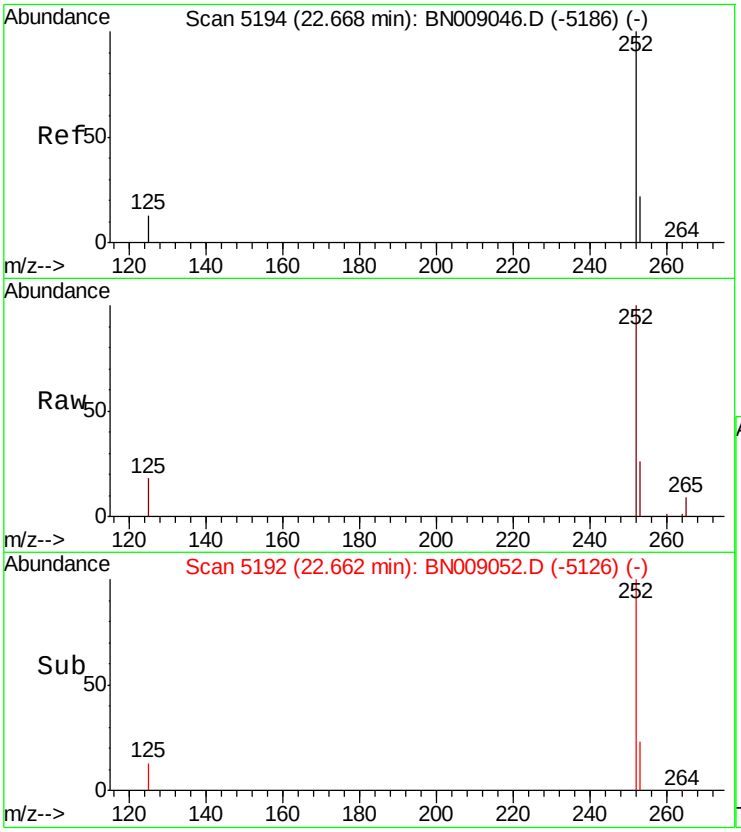


#21
Benzo(b)fluoranthene
Concen: 3.044 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:252 Resp: 115402

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	48.2
125	13.8	0.0	30.0

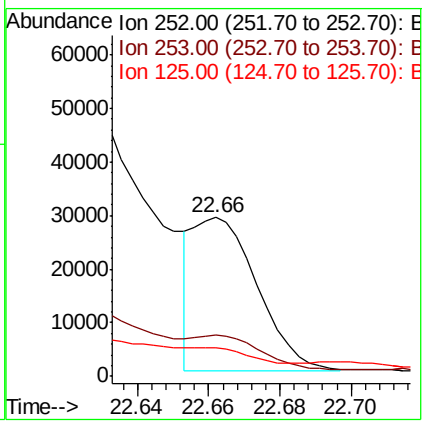




#22
Benzo(k)fluoranthene
Concen: 0.923 ng/ul m
RT: 22.66 min Scan# 5192
Delta R.T. -0.01 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:252 Resp: 35306

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.4	29.0
125	17.8	12.4	18.6



Instrument :
BNA_N
ClientSampleId :
C0BS9

Manual Integrations APPROVED
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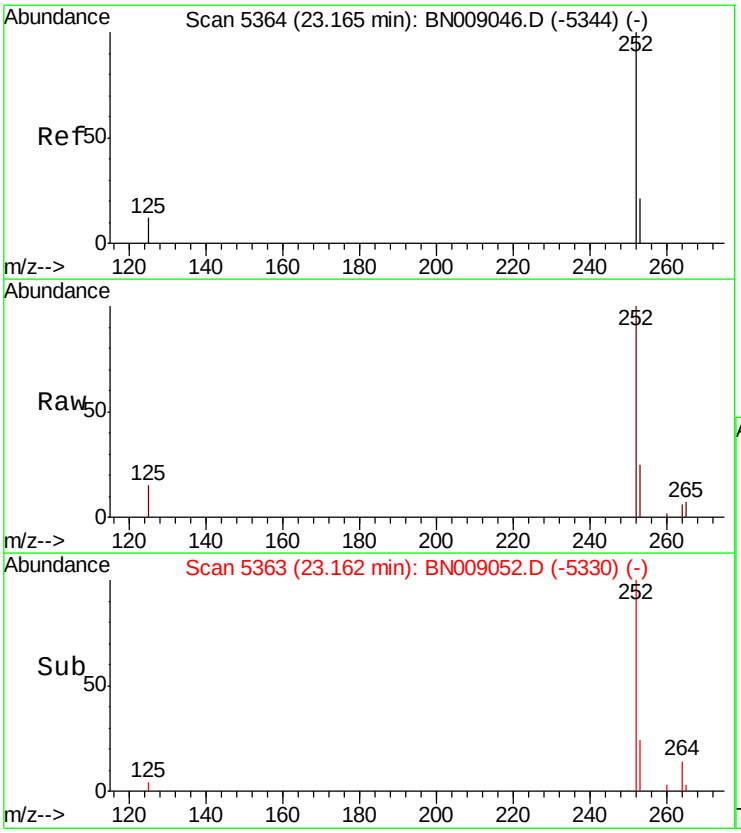
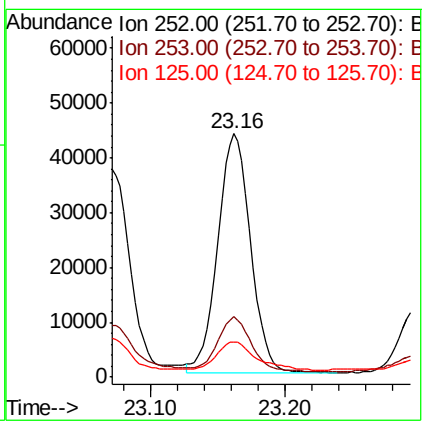
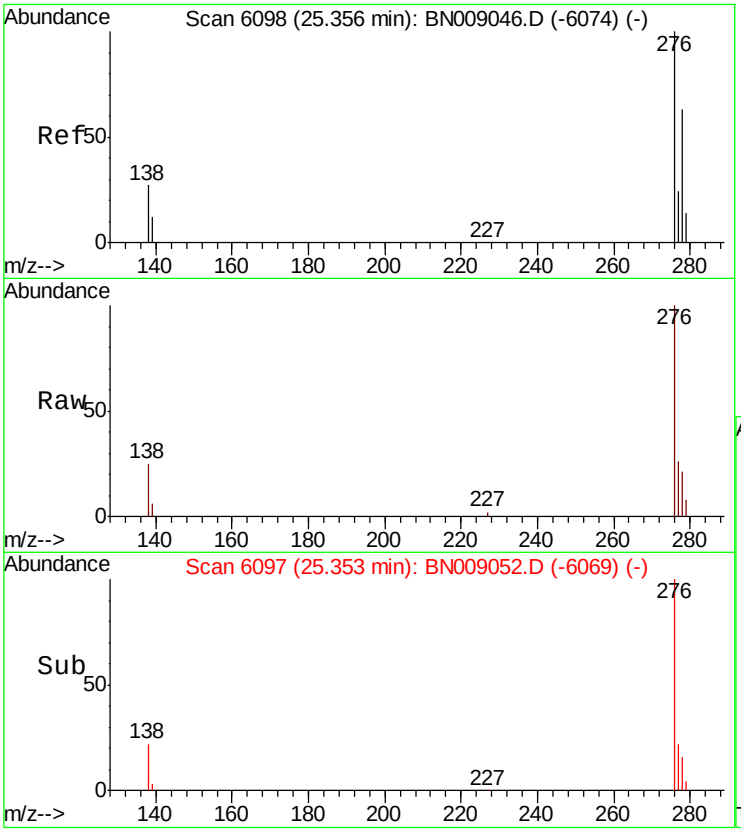


#23
Benzo(a)pyrene
Concen: 2.237 ng/ul
RT: 23.16 min Scan# 5363
Delta R.T. -0.00 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:252 Resp: 74316

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.2	30.4
125	14.6	13.2	19.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.499 ng/ul
RT: 25.35 min Scan# 6097
Delta R.T. -0.01 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:276 Resp: 54234

Ion	Ratio	Lower	Upper
276	100		
138	23.4	22.4	33.6
227	0.0	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0BS9

Manual Integrations APPROVED
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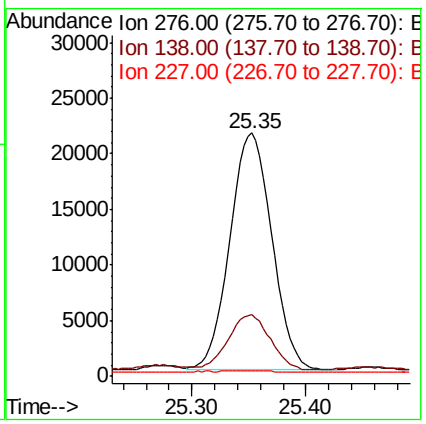
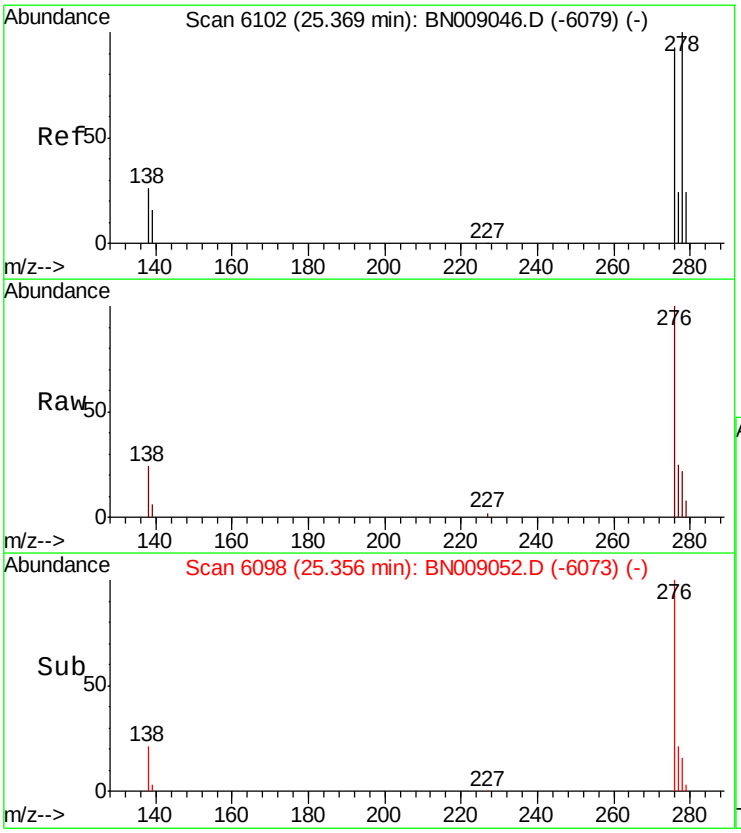
12/20/2019 4:30:01 PM

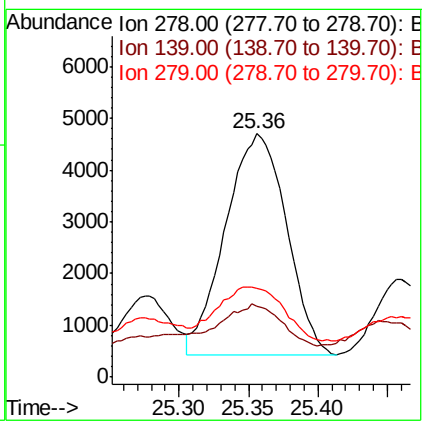


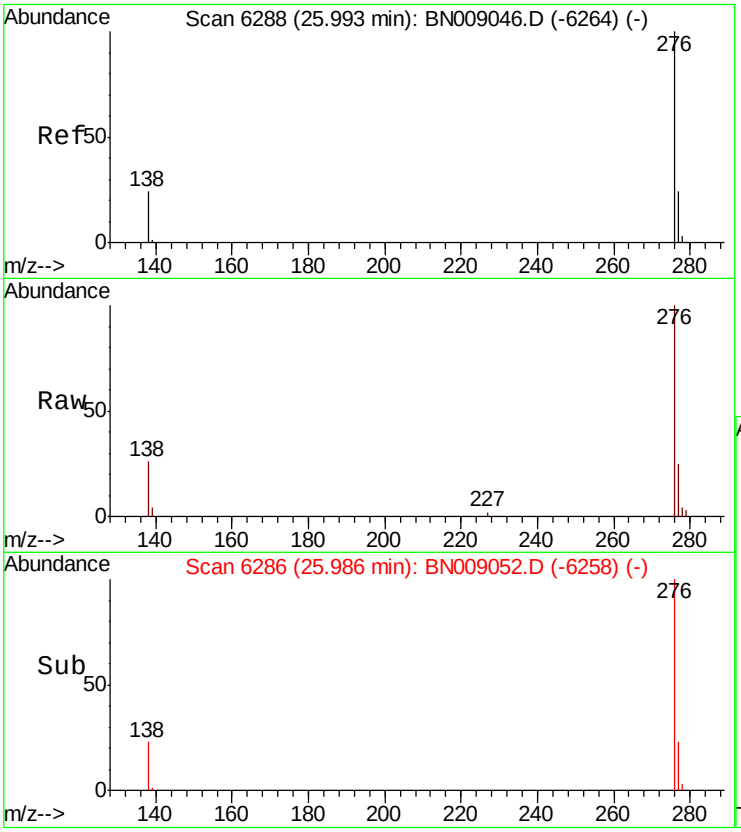


#25
Dibenzo(a,h)anthracene
Concen: 0.451 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.02 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:278 Resp: 12978

Ion	Ratio	Lower	Upper
278	100		
139	28.9	16.2	24.2#
279	36.7	20.3	30.5#

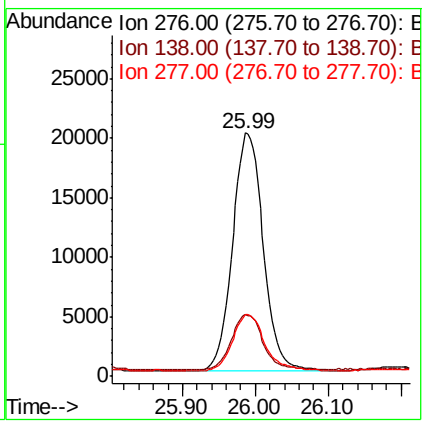




#26
Benzo(g,h,i)perylene
Concen: 1.911 ng/ul
RT: 25.99 min Scan# 6286
Delta R.T. -0.01 min
Lab File: BN009052.D
Acq: 20 Dec 2019 04:59

Tgt Ion:276 Resp: 58261

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	25.2	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0BS9

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:01 PM