Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009246.D
Acq On : 29 Dec 2019 01:52
Operator : JU
Sample : K6278-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C46

Manual Integrations APPROVED
mohammad
12/29/2019 5:33:35 PM

Quant Time: Dec 29 05:57:24 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 : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2273	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8514	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4763	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9898	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7833	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7964	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2074	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	4424	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.31	128	8076	0.313	ng/ul	99
5) 2-Methylnaphthalene	11.93	142	4987	0.256	ng/ul	99
7) Acenaphthylene	13.86	152	12883	0.515	ng/ul	99
8) Acenaphthene	14.20	153	1431	0.073	ng/ul	98
9) Fluorene	15.19	166	3798	0.164	ng/ul#	96
12) Phenanthrene	16.93	178	75804	2.202	ng/ul	100
13) Anthracene	17.02	178	17670	0.572	ng/ul	99
15) Fluoranthene	18.95	202	200189	5.085	ng/ul	99
17) Pyrene	19.32	202	162838	4.075	ng/ul	98
18) Benzo(a)anthracene	21.07	228	95072	2.733	ng/ul	98
19) Chrysene	21.12	228	96455	2.759	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	127901m	3.439	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	43790m	1.168	ng/ul	
23) Benzo(a)pyrene	23.12	252	74958	2.300	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.30	276	54629	1.539	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.30	278	13904	0.492	ng/ul	92
26) Benzo(g,h,i)perylene	25.93	276	41294	1.381	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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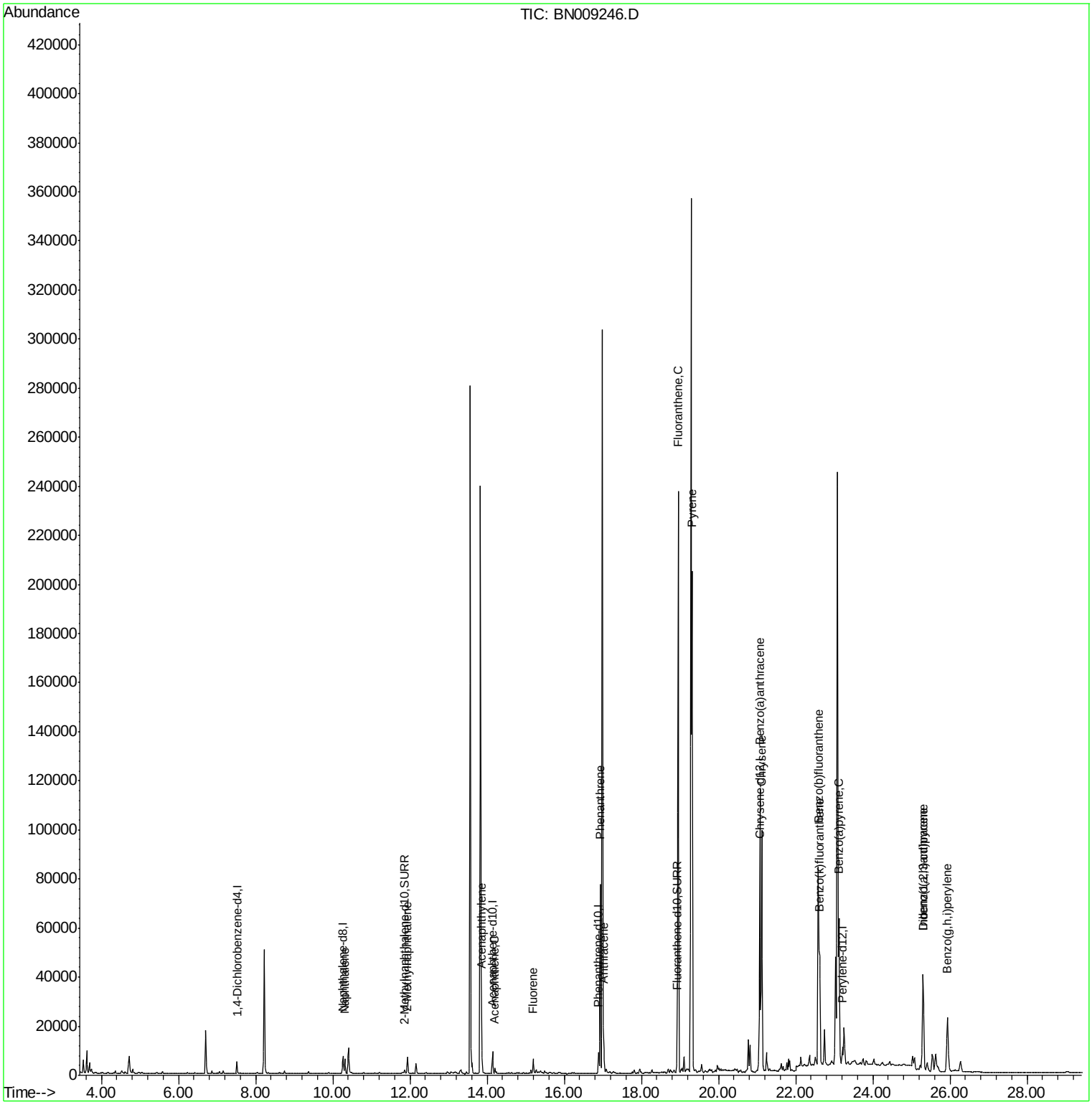
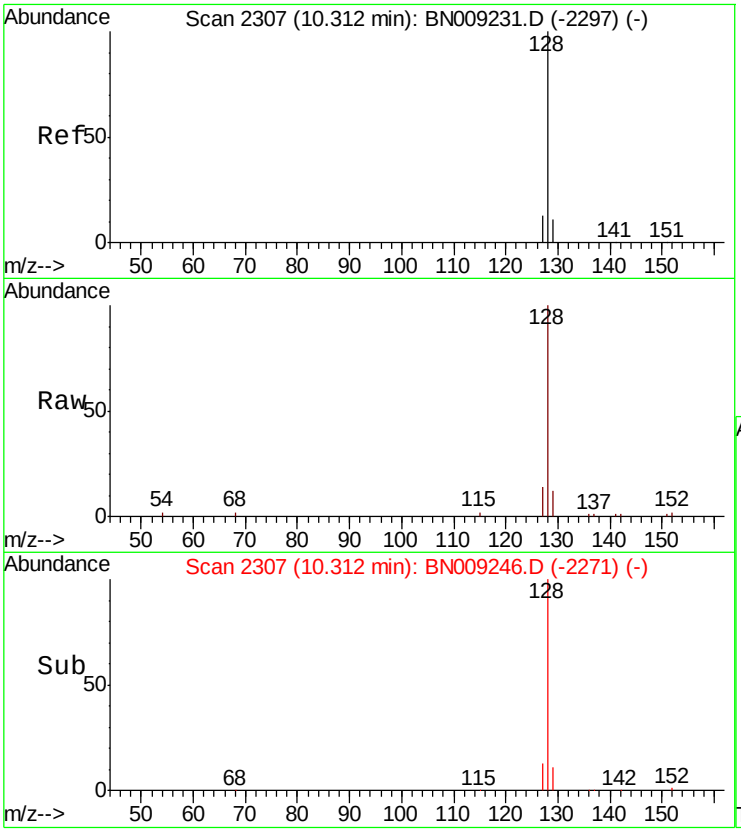
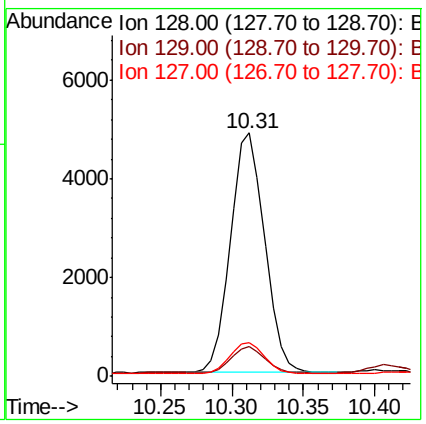




#3
Naphthalene
Concen: 0.313 ng/ul
RT: 10.31 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:128 Resp: 8076

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.4
127	13.8	10.9	16.3



Instrument :
BNA_N
ClientSampleId :
C0C46

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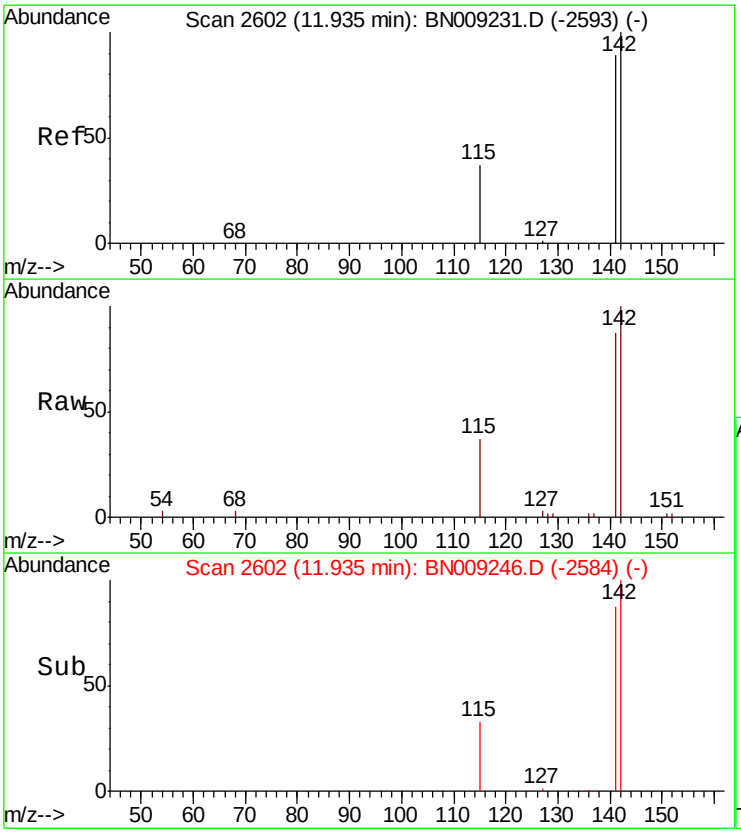
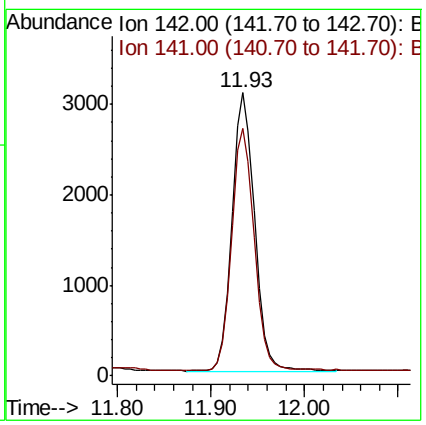
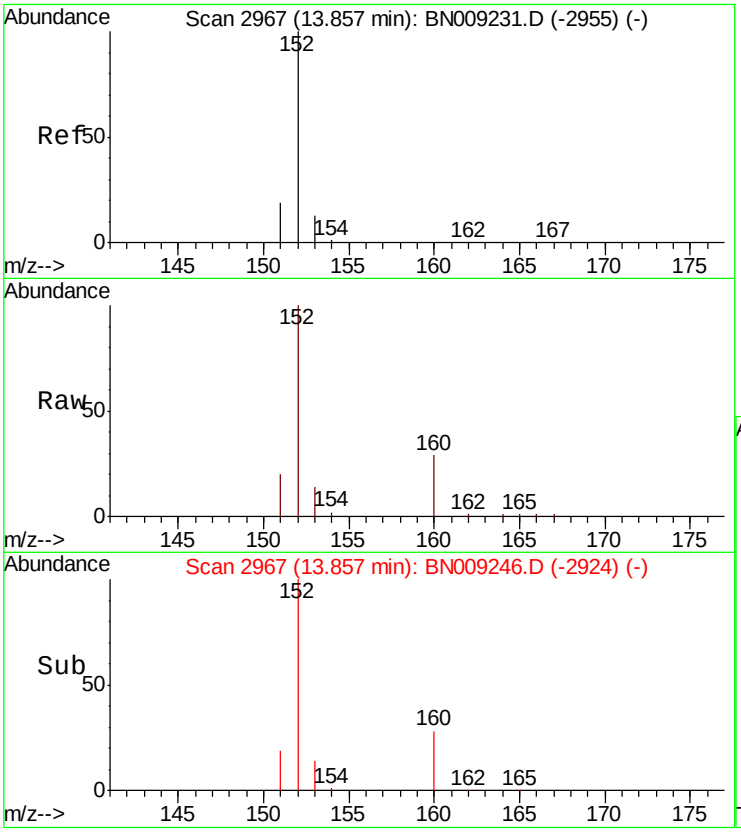


#5
2-Methylnaphthalene
Concen: 0.256 ng/ul
RT: 11.93 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:142 Resp: 4987

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.2	105.4

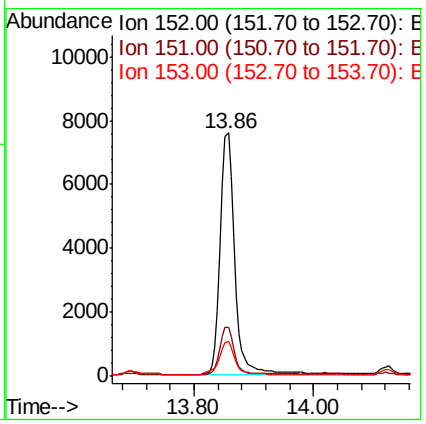




#7
Acenaphthylene
Concen: 0.515 ng/ul
RT: 13.86 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:152 Resp: 12883

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	14.2	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0C46

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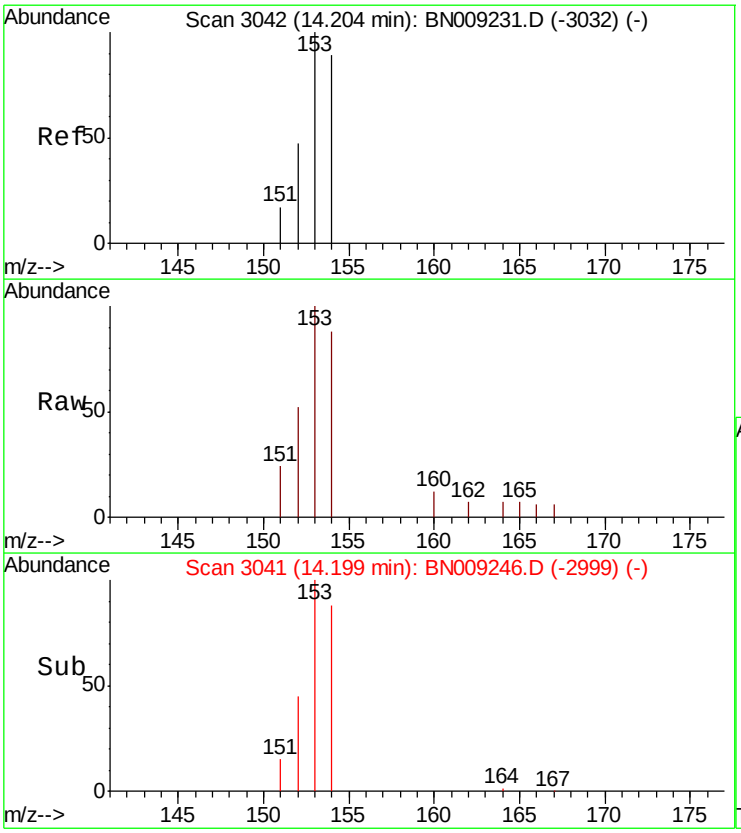
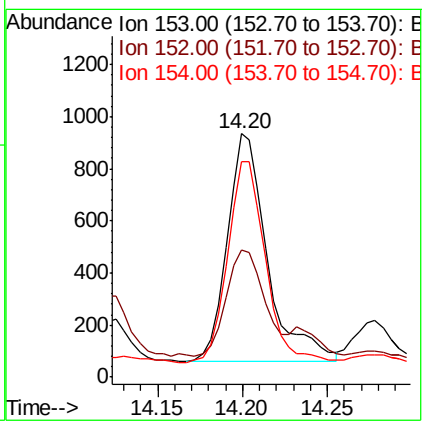
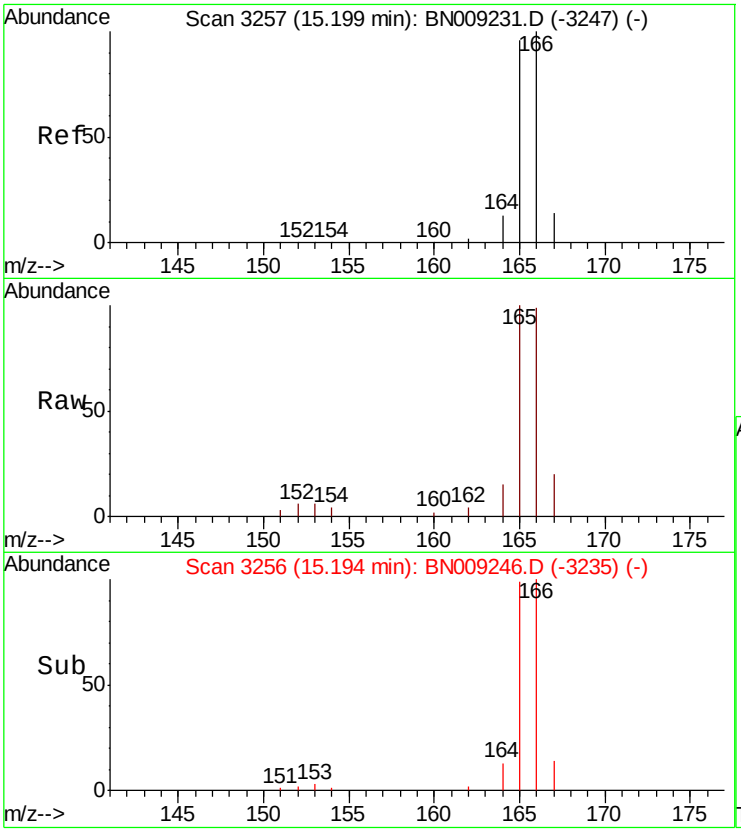


#8
Acenaphthene
Concen: 0.073 ng/ul
RT: 14.20 min Scan# 3041
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:153 Resp: 1431

Ion	Ratio	Lower	Upper
153	100		
152	52.4	39.5	59.3
154	88.4	71.3	106.9





#9
Fluorene
Concen: 0.164 ng/ul
RT: 15.19 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:166 Resp: 3798

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.2	117.4
167	19.7	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
C0C46

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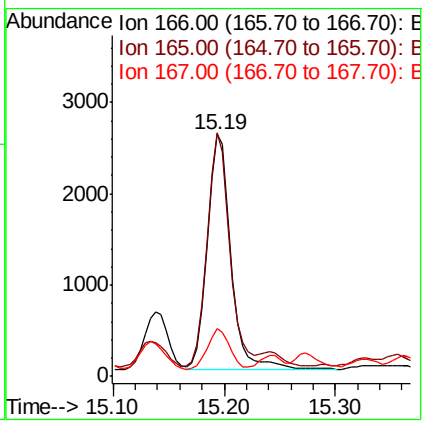
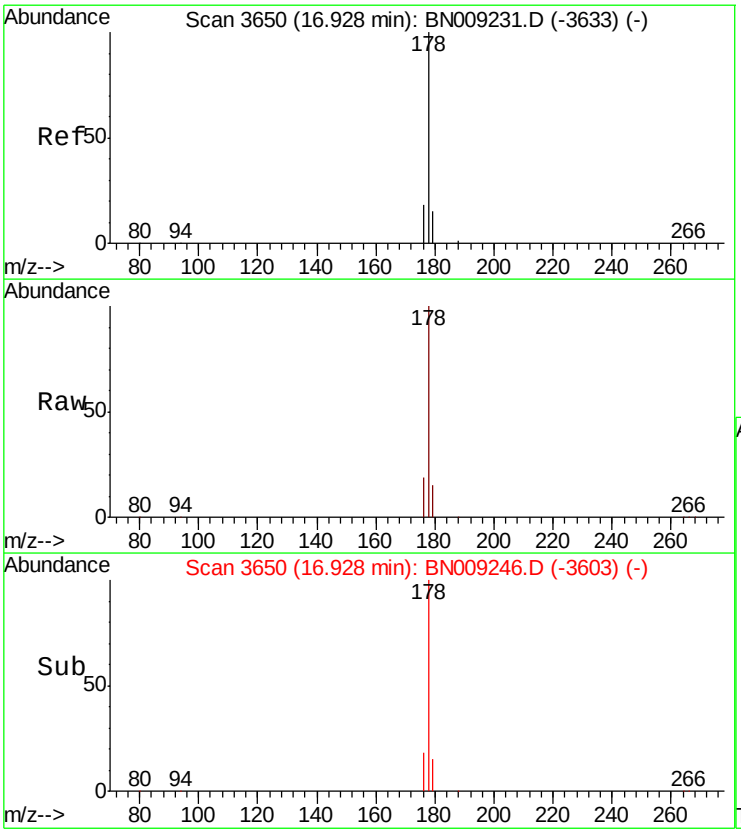
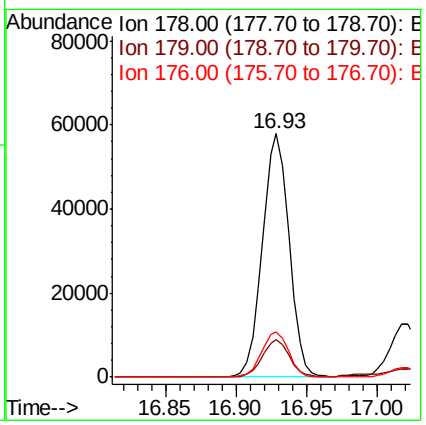


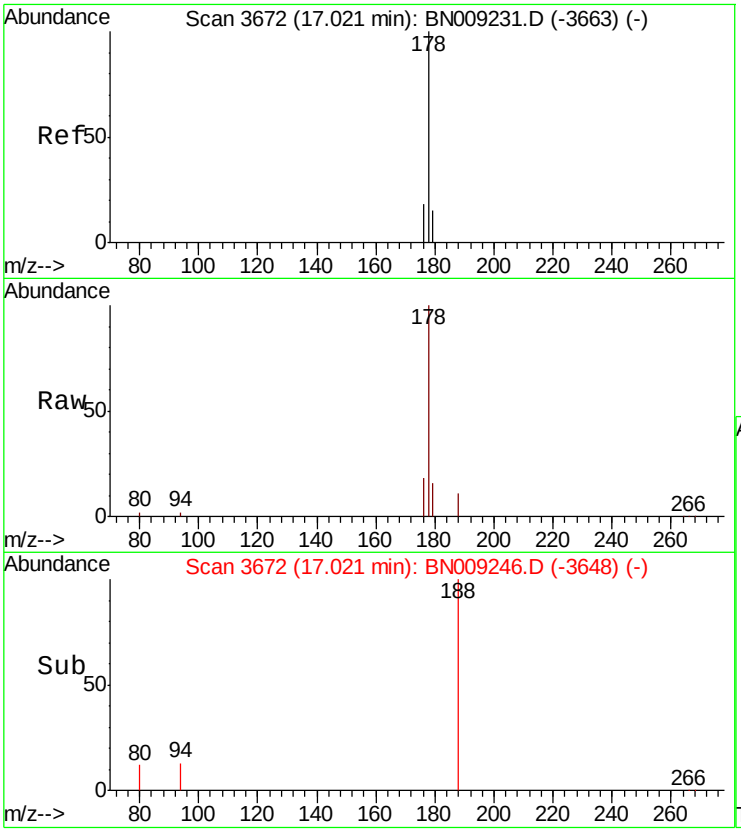


#12
Phenanthrene
Concen: 2.202 ng/ul
RT: 16.93 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:178 Resp: 75804

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

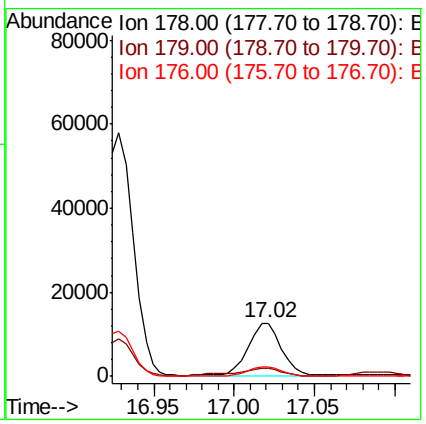




#13
Anthracene
Concen: 0.572 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:178 Resp: 17670

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	18.0	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0C46

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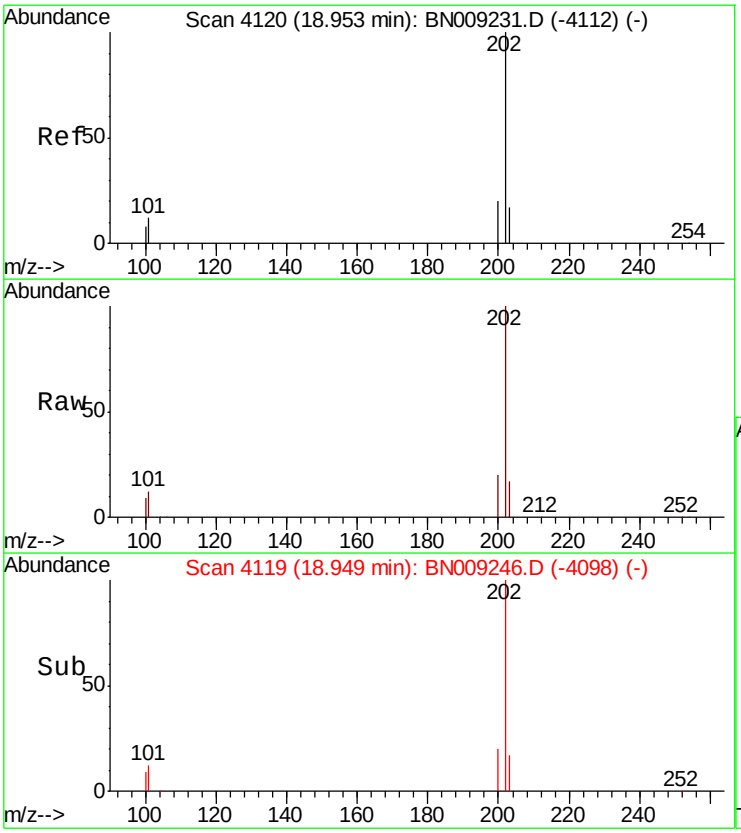
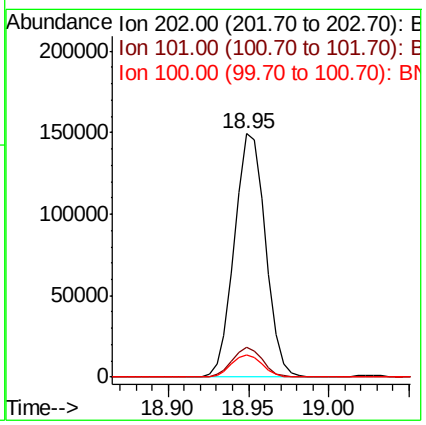
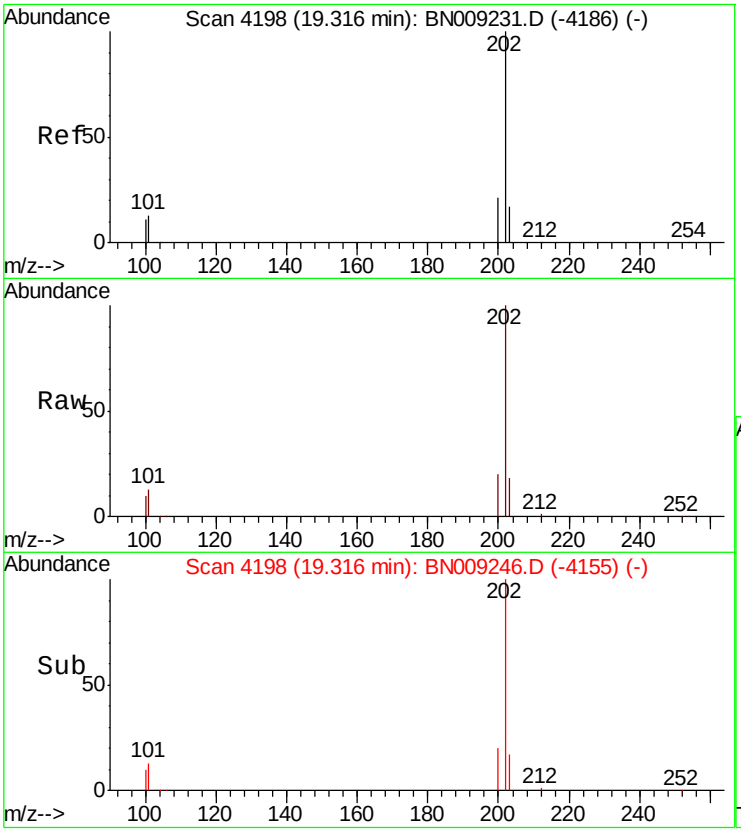


#15
Fluoranthene
Concen: 5.085 ng/ul
RT: 18.95 min Scan# 4119
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:202 Resp: 200189

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
100	9.1	0.0	28.9

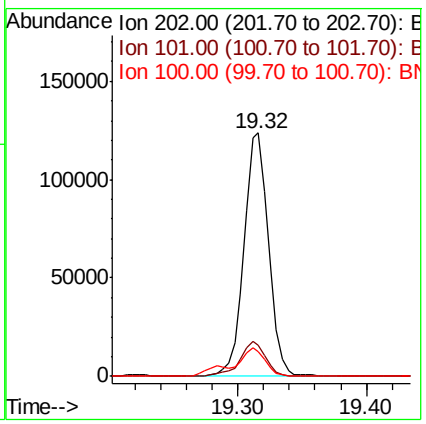




#17
Pyrene
Concen: 4.075 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:202 Resp: 162838

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.9	16.3
100	10.4	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
C0C46

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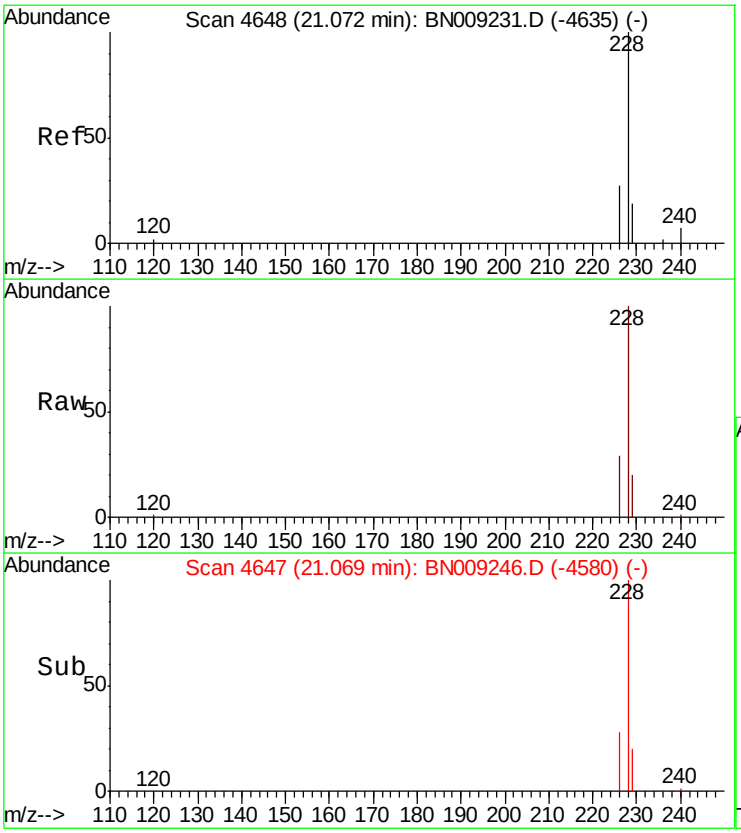
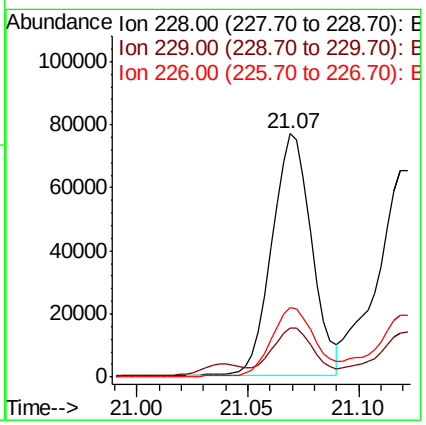
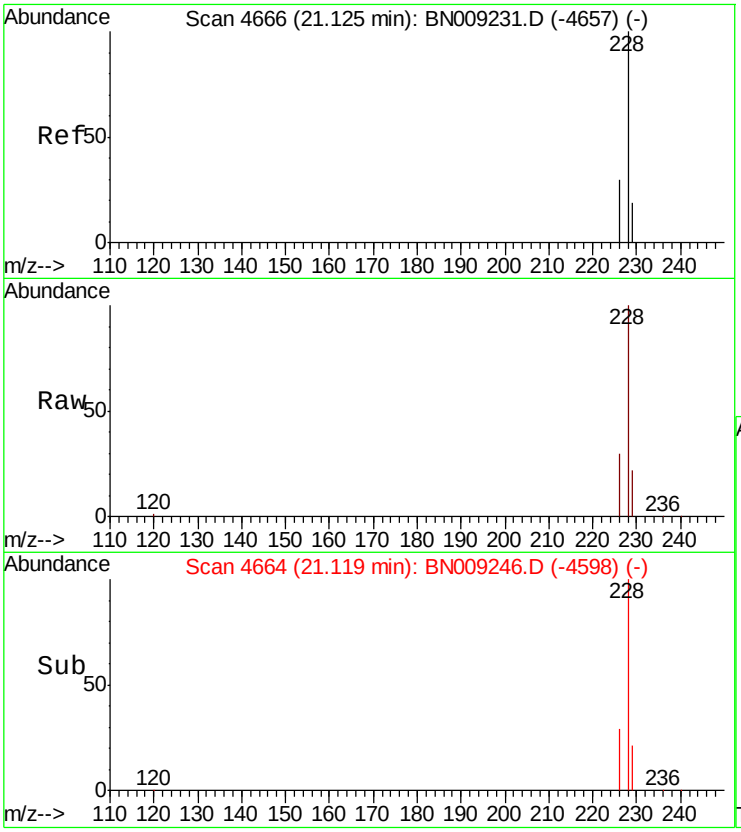


#18
Benzo(a)anthracene
Concen: 2.733 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:228 Resp: 95072

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.5	23.3
226	28.6	21.7	32.5

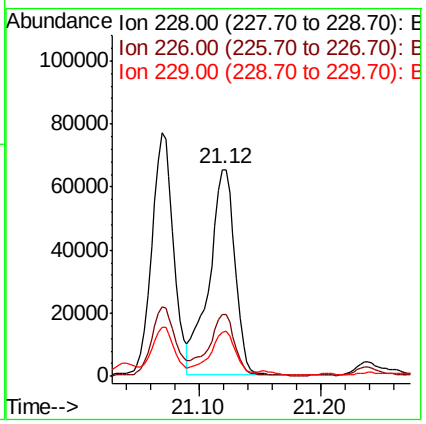




#19
Chrysene
Concen: 2.759 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. -0.01 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:228 Resp: 96455

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	21.5	15.4	23.0



Instrument :
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ClientSampleId :
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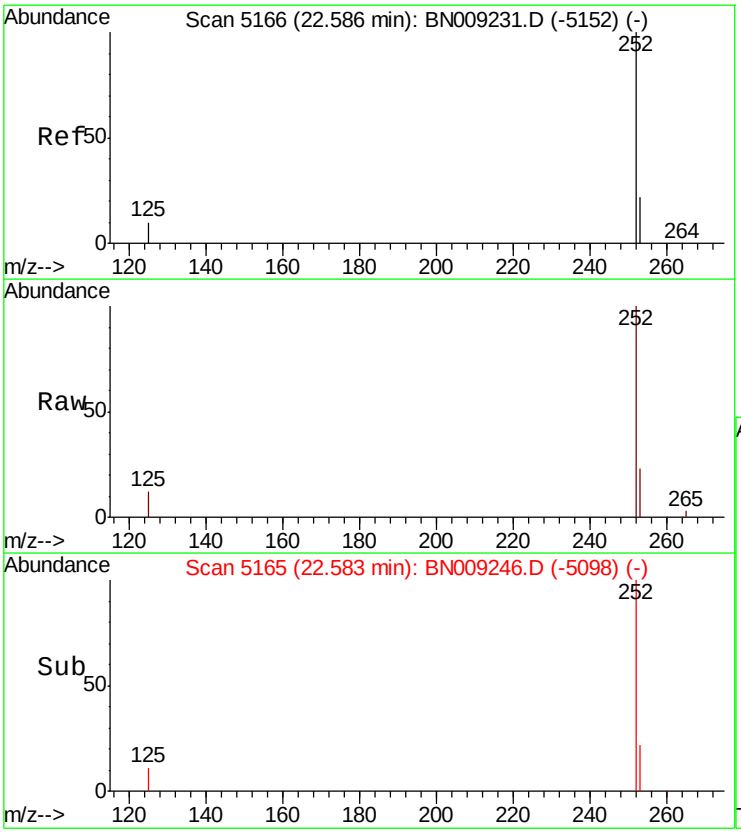
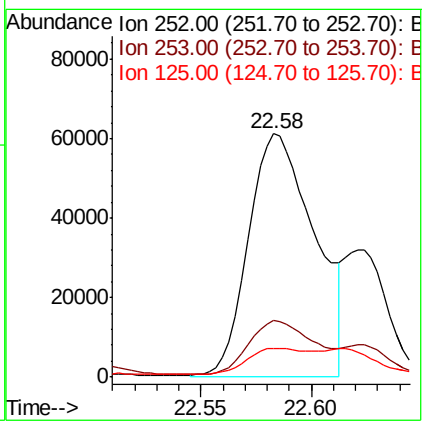
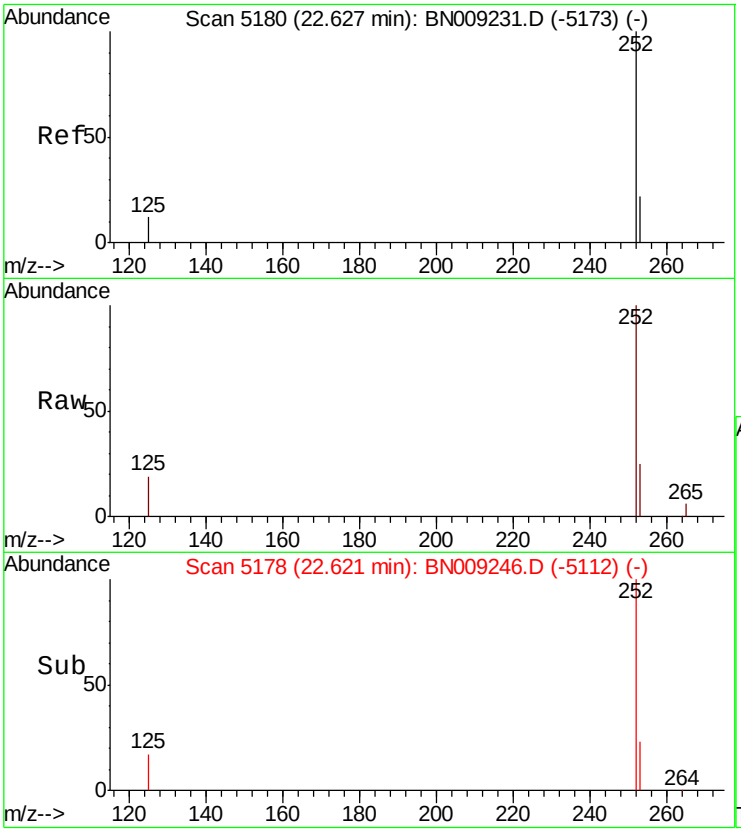


#21
Benzo(b)fluoranthene
Concen: 3.439 ng/ul m
RT: 22.58 min Scan# 5165
Delta R.T. -0.00 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:252 Resp: 127901

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	48.2
125	12.0	0.0	30.0





#22
Benzo(k)fluoranthene
Concen: 1.168 ng/ul m
RT: 22.62 min Scan# 5178
Delta R.T. -0.01 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:252 Resp: 43790

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.4	29.0
125	19.5	12.4	18.6#

Instrument :
BNA_N
ClientSampleId :
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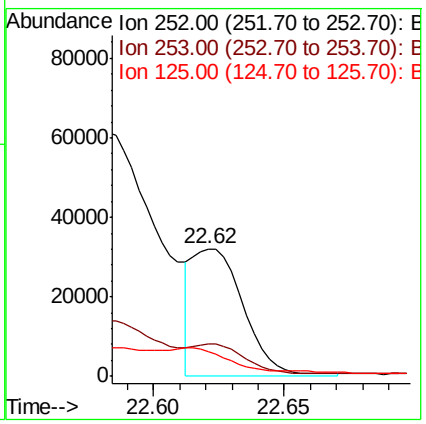
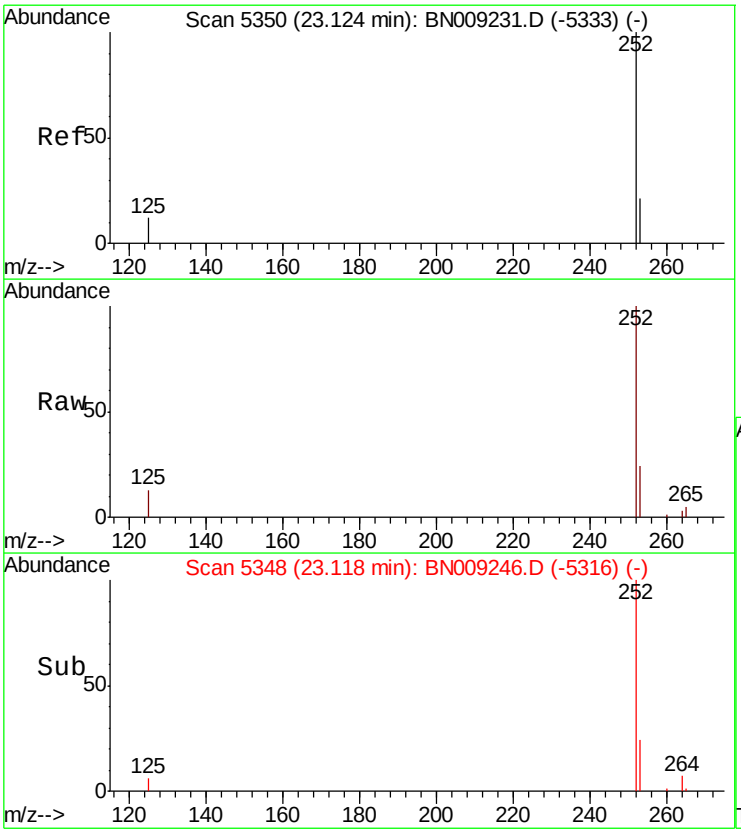
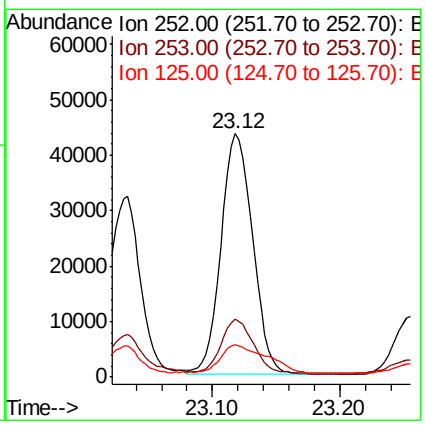


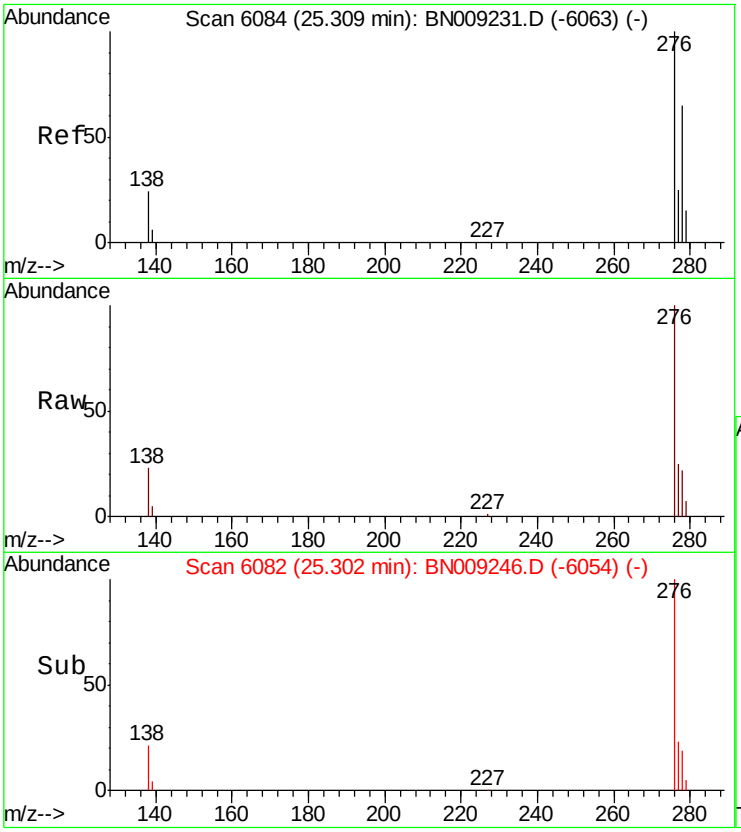


#23
Benzo(a)pyrene
Concen: 2.300 ng/ul
RT: 23.12 min Scan# 5348
Delta R.T. -0.01 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:252 Resp: 74958

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.2	30.4
125	13.2	13.2	19.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.539 ng/ul
RT: 25.30 min Scan# 6082
Delta R.T. -0.01 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:276 Resp: 54629

Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.4	33.6#
227	0.2	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0C46

Manual Integrations APPROVED
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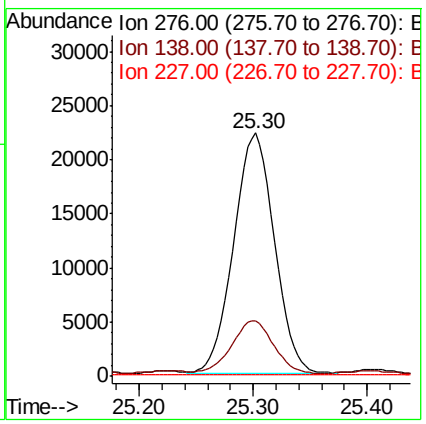
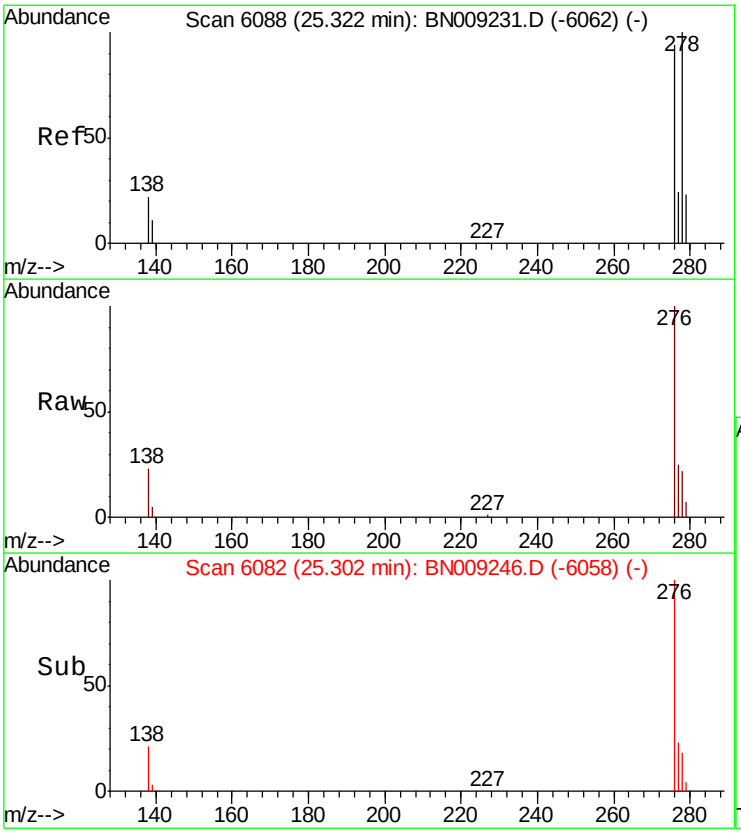
12/29/2019 5:33:35 PM

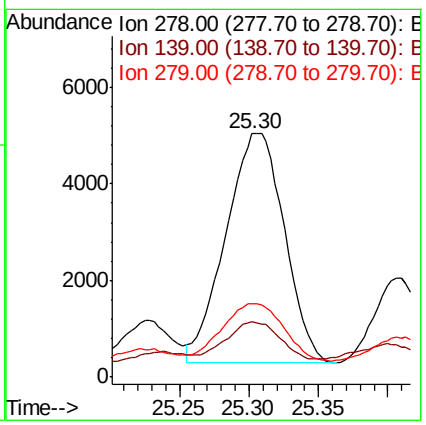


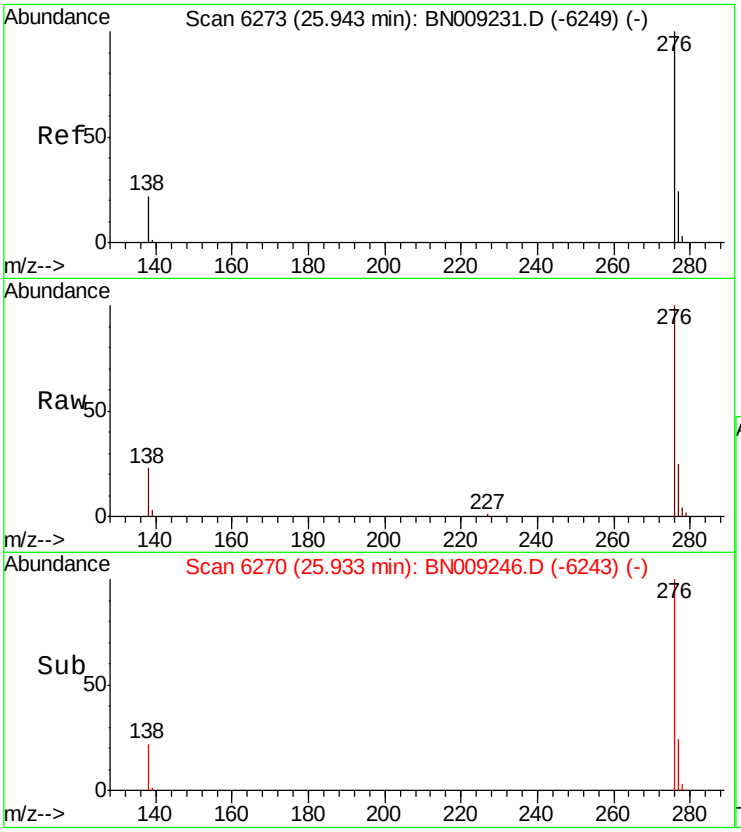


#25
Dibenzo(a,h)anthracene
Concen: 0.492 ng/ul
RT: 25.30 min Scan# 6082
Delta R.T. -0.02 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:278 Resp: 13904

Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.2	24.2
279	30.2	20.3	30.5

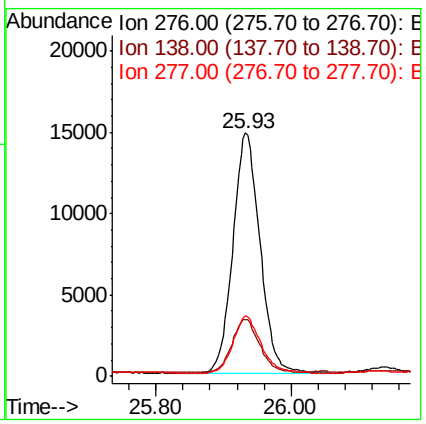




#26
Benzo(g,h,i)perylene
Concen: 1.381 ng/ul
RT: 25.93 min Scan# 6270
Delta R.T. -0.01 min
Lab File: BN009246.D
Acq: 29 Dec 2019 01:52

Tgt Ion:276 Resp: 41294

Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.6	30.8
277	24.7	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0C46

Manual Integrations APPROVED
mohammad
12/29/2019 5:33:35 PM