Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009234.D
Acq On : 28 Dec 2019 18:41
Operator : JU
Sample : K6278-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C60

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Quant Time: Dec 29 04:58:51 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	1957	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	7198	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4179	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9191	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7503	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	7769	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1263	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	3536	0.13	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.31	128	1875	0.086	ng/ul#	89
5) 2-Methylnaphthalene	11.93	142	1095	0.066	ng/ul	100
7) Acenaphthylene	13.86	152	1643	0.075	ng/ul#	88
12) Phenanthrene	16.93	178	3852	0.121	ng/ul	97
13) Anthracene	17.02	178	1438	0.050	ng/ul#	88
15) Fluoranthene	18.95	202	9983	0.273	ng/ul	98
17) Pyrene	19.32	202	9083	0.237	ng/ul	98
18) Benzo(a)anthracene	21.07	228	6424	0.193	ng/ul	92
19) Chrysene	21.12	228	7250m	0.217	ng/ul	
21) Benzo(b)fluoranthene	22.59	252	10635m	0.293	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	3699m	0.101	ng/ul	
23) Benzo(a)pyrene	23.12	252	5888	0.185	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.31	276	4420	0.128	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.32	278	1292	0.047	ng/ul#	34
26) Benzo(g,h,i)perylene	25.94	276	3702	0.127	ng/ul#	89

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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Instrument :
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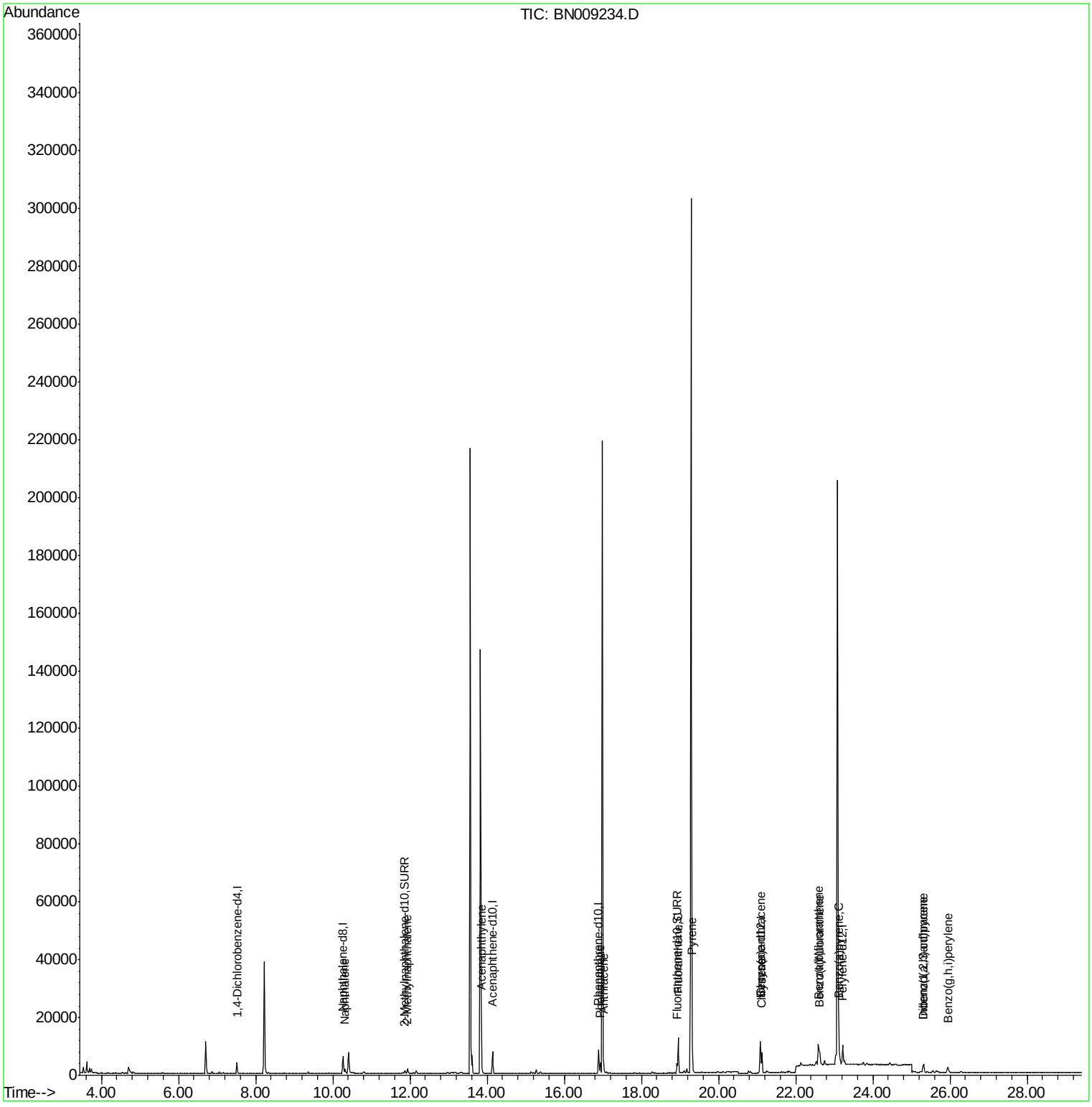

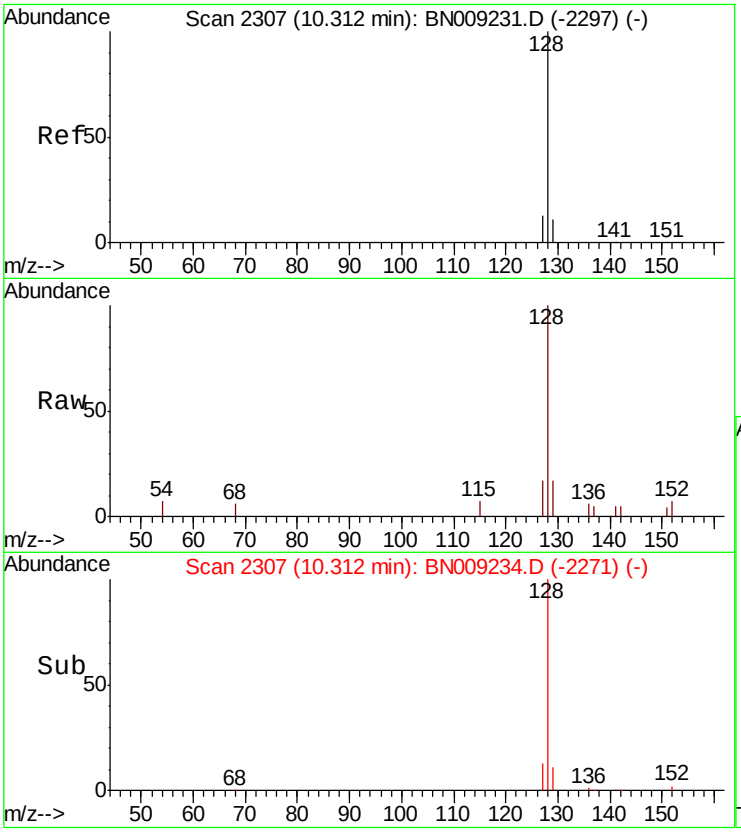

#3
Naphthalene
Concen: 0.086 ng/ul
RT: 10.31 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:128 Resp: 1875

Ion	Ratio	Lower	Upper
128	100		
129	16.9	9.0	13.4#
127	16.8	10.9	16.3#

Instrument :
BNA_N
ClientSampleId :
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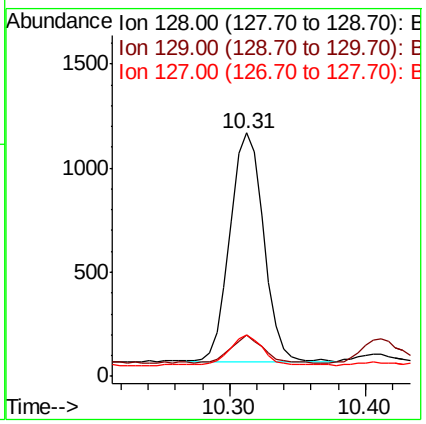
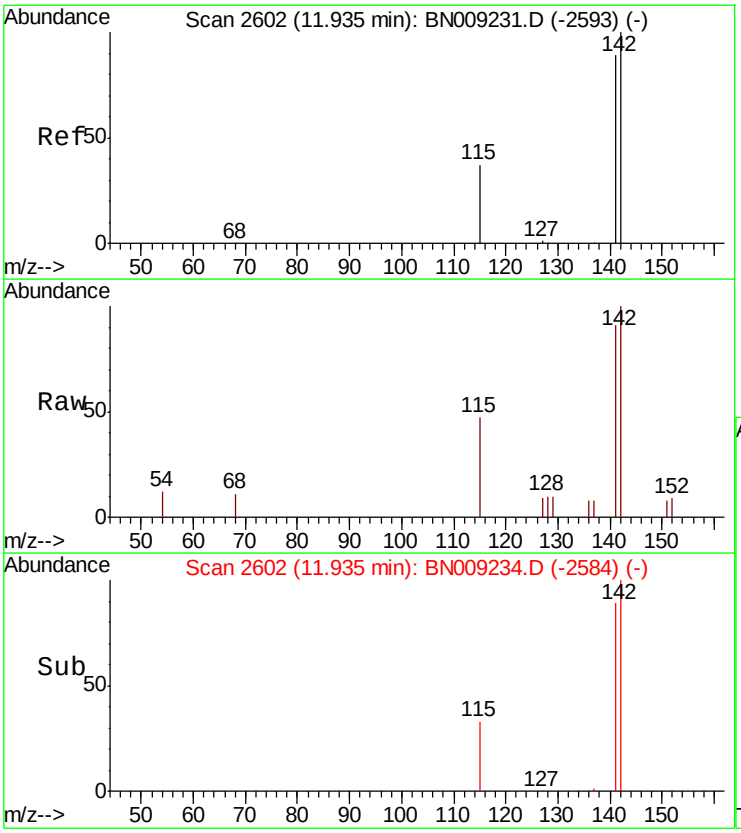
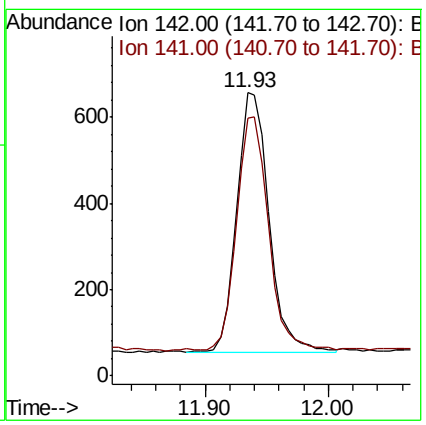


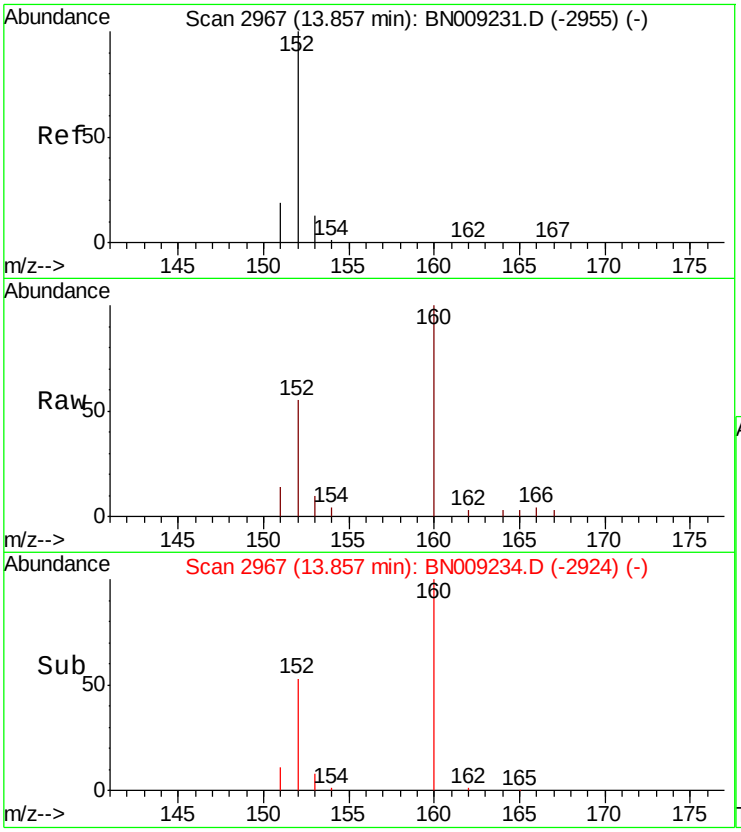


#5
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 11.93 min Scan# 2602
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:142 Resp: 1095

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.2	105.4

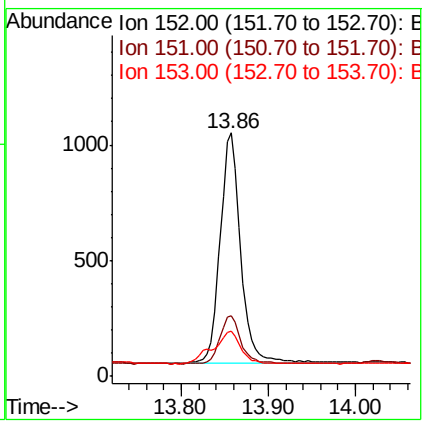




#7
Acenaphthylene
Concen: 0.075 ng/ul
RT: 13.86 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:152 Resp: 1643

Ion	Ratio	Lower	Upper
152	100		
151	24.8	15.7	23.5#
153	18.5	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
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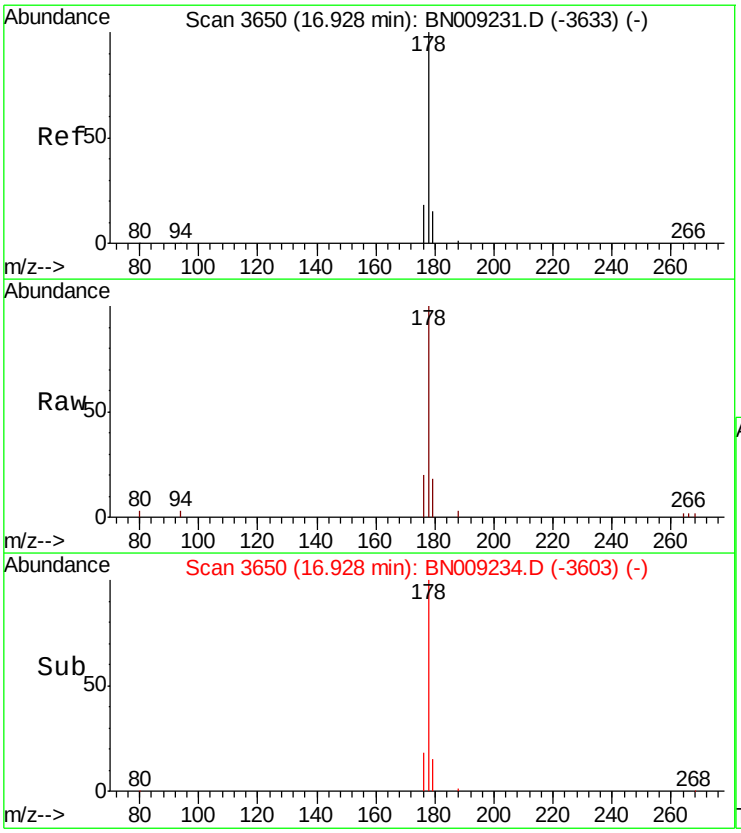
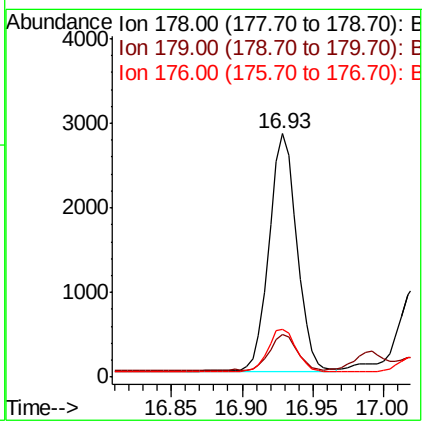
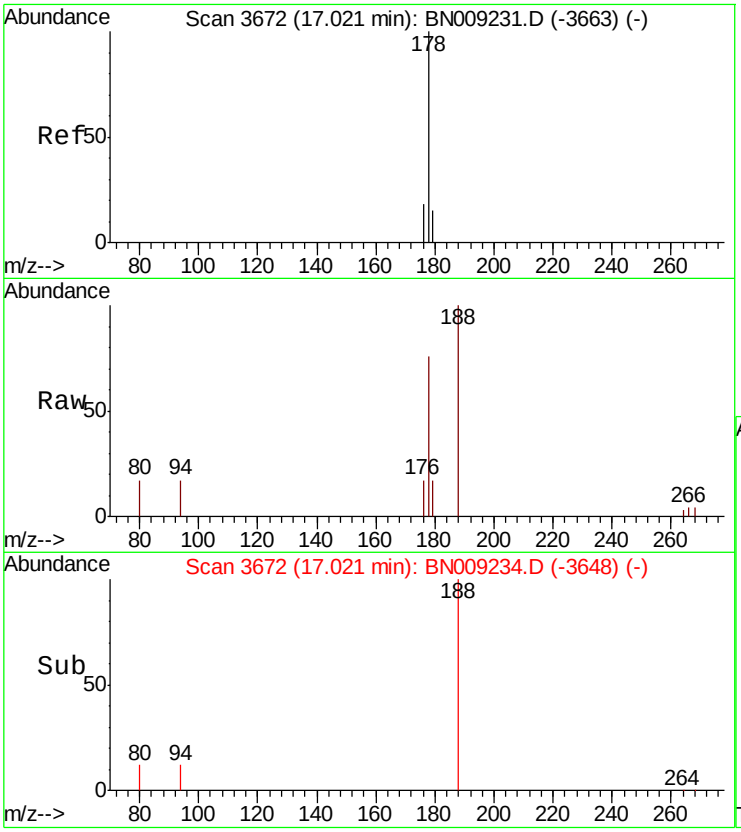


#12
Phenanthrene
Concen: 0.121 ng/ul
RT: 16.93 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:178 Resp: 3852

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.3	18.5
176	19.5	15.1	22.7

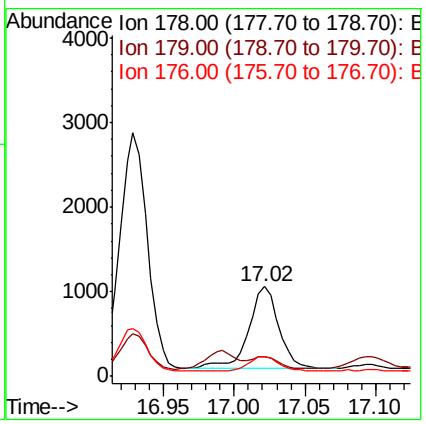




#13
Anthracene
Concen: 0.050 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:178 Resp: 1438

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.5	18.7#
176	22.2	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0C60

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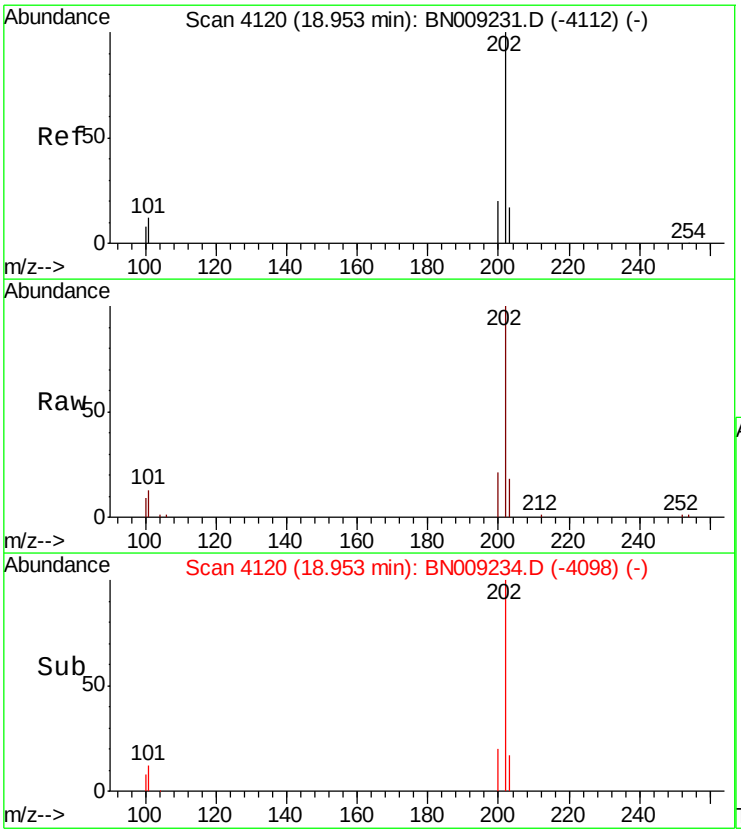
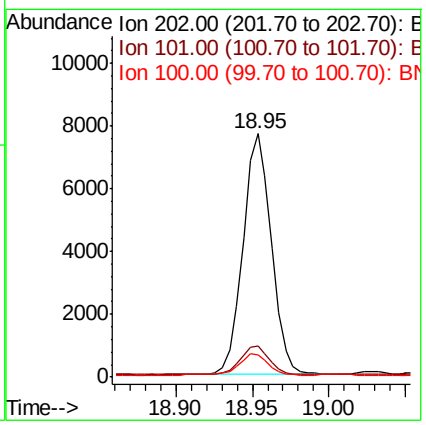
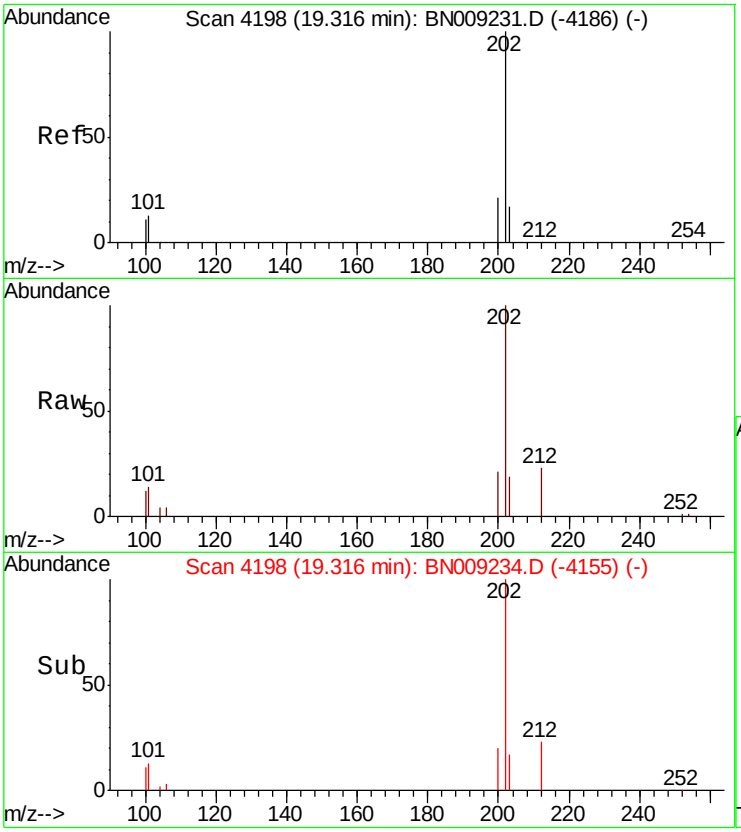


#15
Fluoranthene
Concen: 0.273 ng/ul
RT: 18.95 min Scan# 4120
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:202 Resp: 9983

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.5
100	9.2	0.0	28.9

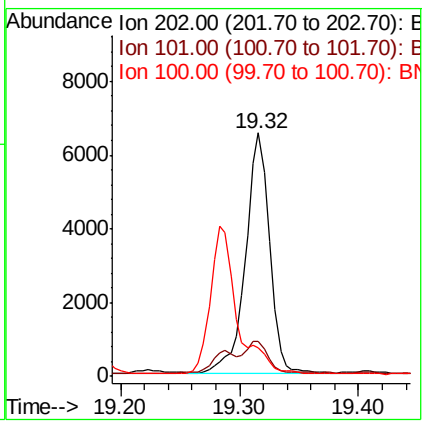




#17
Pyrene
Concen: 0.237 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:202 Resp: 9083

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.9	16.3
100	11.8	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
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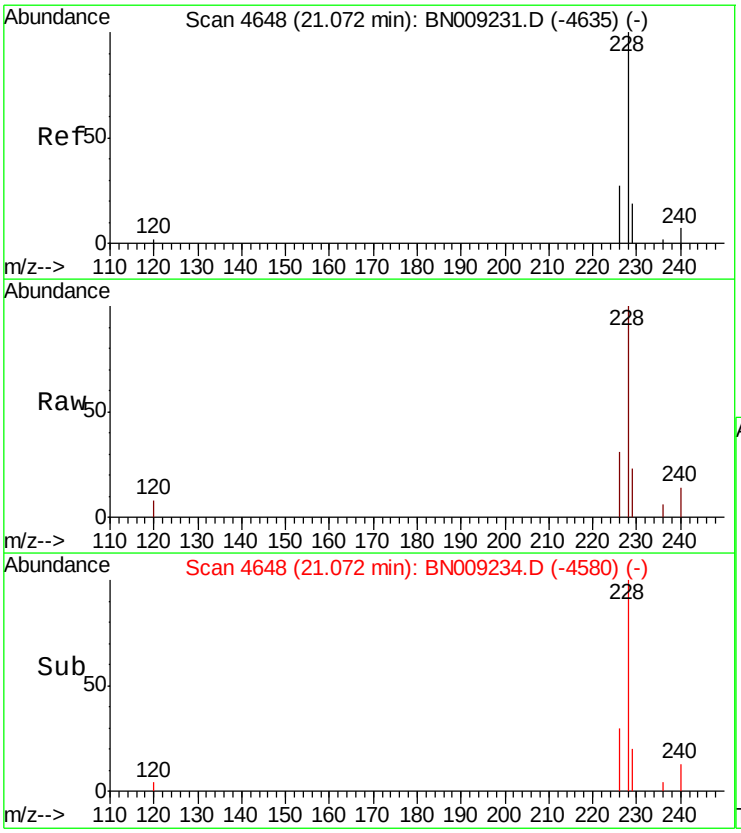
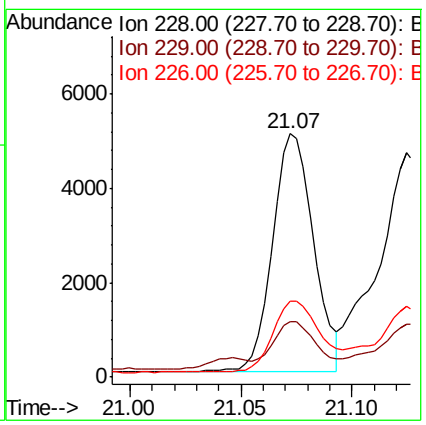
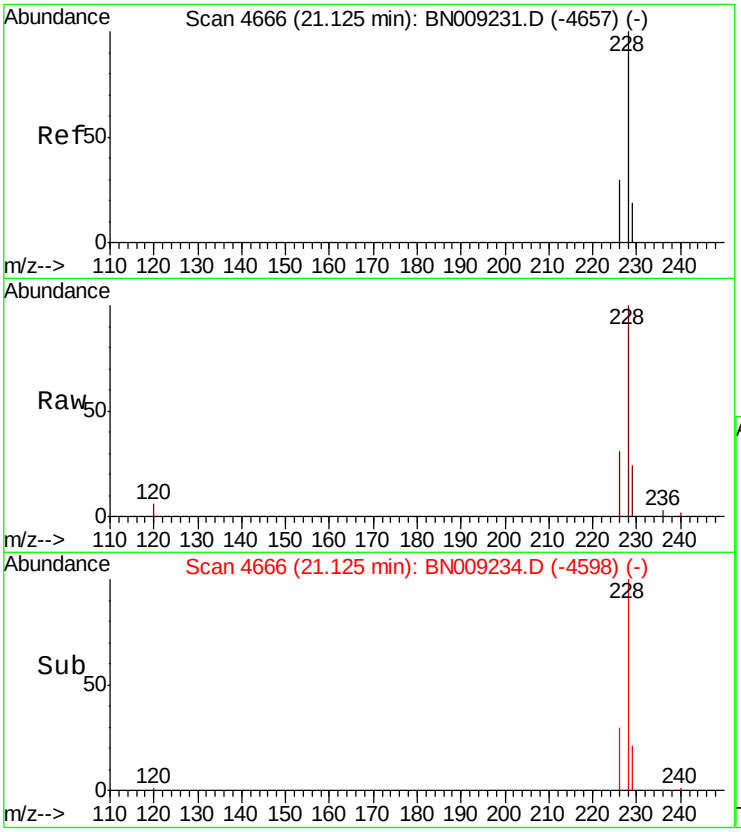


#18
Benzo(a)anthracene
Concen: 0.193 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:228 Resp: 6424

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.5	23.3
226	31.3	21.7	32.5





#19
Chrysene
Concen: 0.217 ng/ul m
RT: 21.12 min Scan# 4666
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:228 Resp: 7250

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	23.7	15.4	23.0#

Instrument :
BNA_N
ClientSampleId :
C0C60

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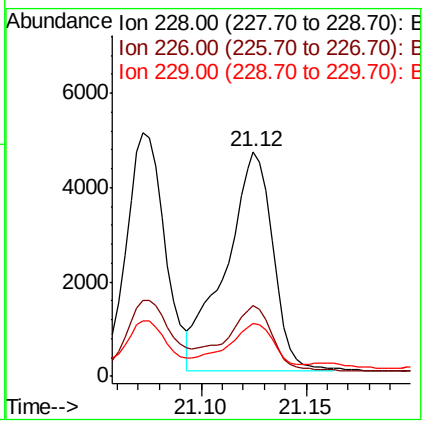
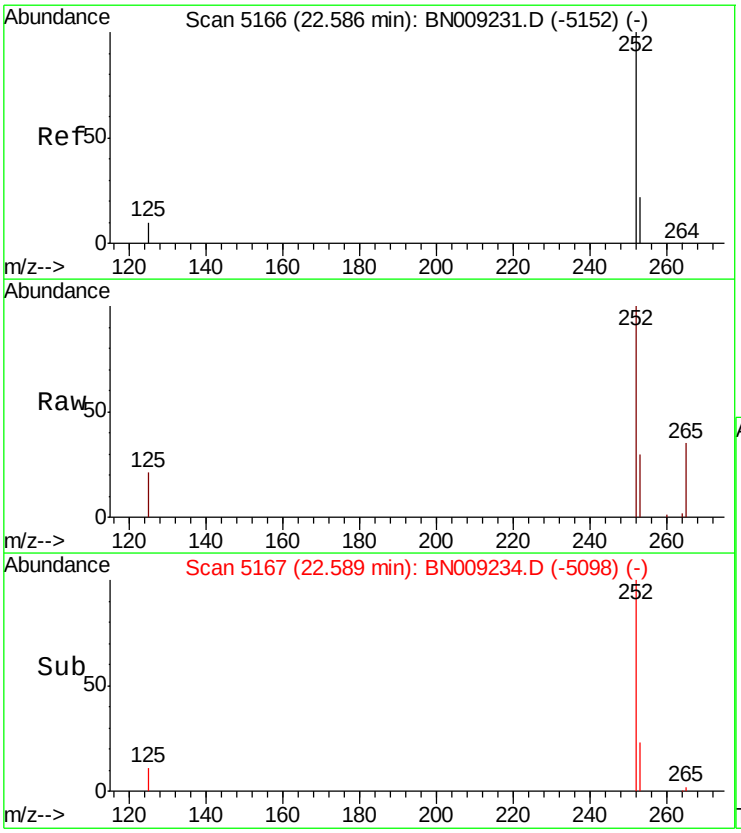
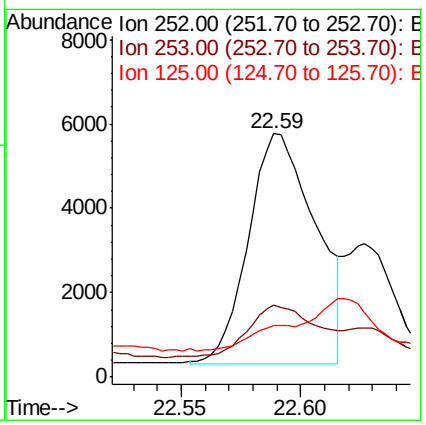


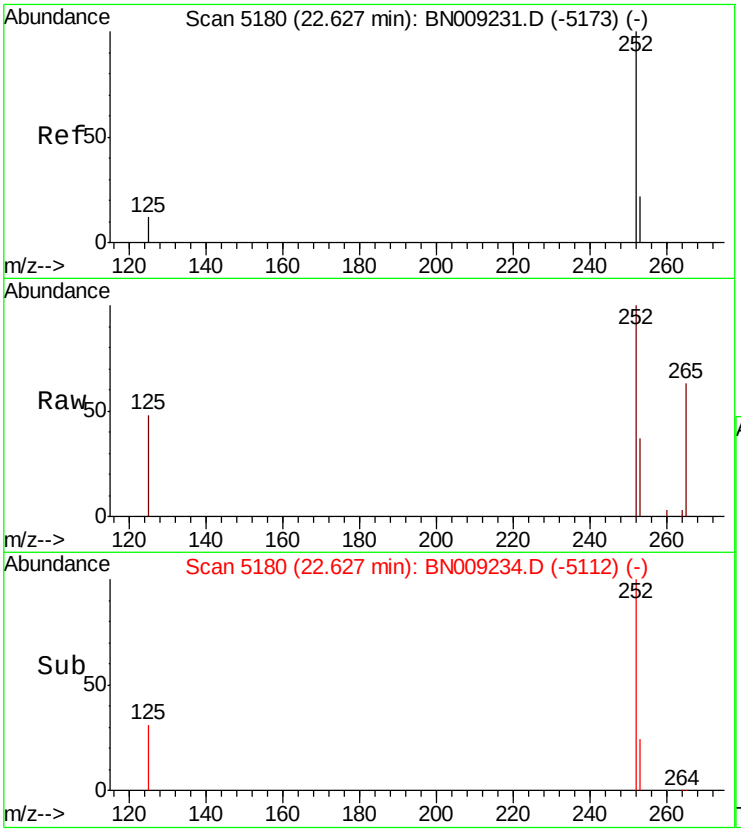


#21
Benzo(b)fluoranthene
Concen: 0.293 ng/ul m
RT: 22.59 min Scan# 5167
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:252 Resp: 10635

Ion	Ratio	Lower	Upper
252	100		
253	29.6	0.0	48.2
125	21.0	0.0	30.0

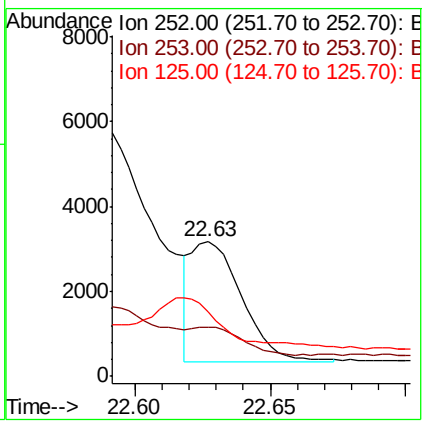




#22
Benzo(k)fluoranthene
Concen: 0.101 ng/ul m
RT: 22.63 min Scan# 5180
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:252 Resp: 3699

Ion	Ratio	Lower	Upper
252	100		
253	36.6	19.4	29.0#
125	48.1	12.4	18.6#



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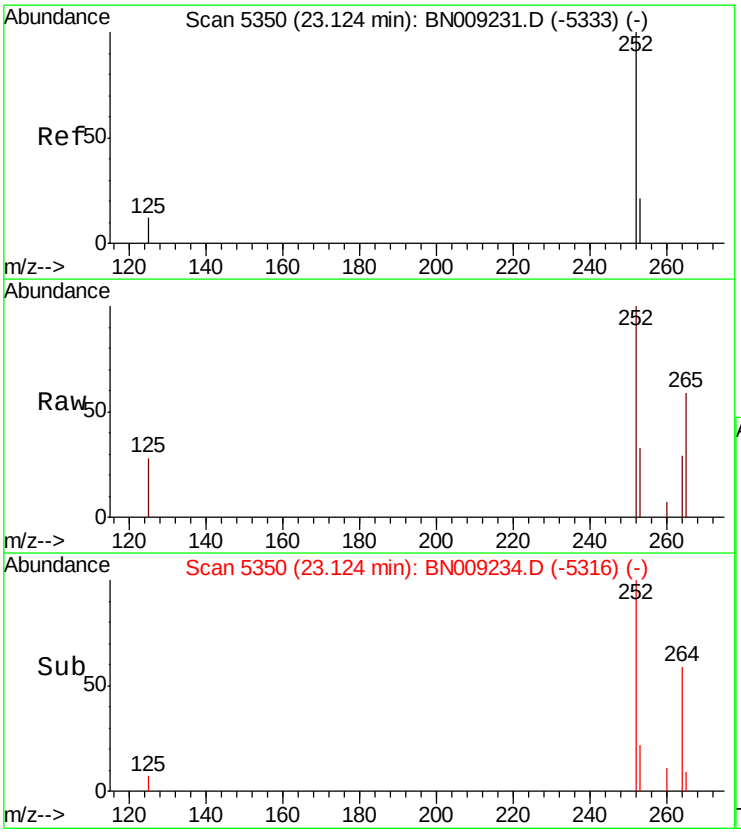
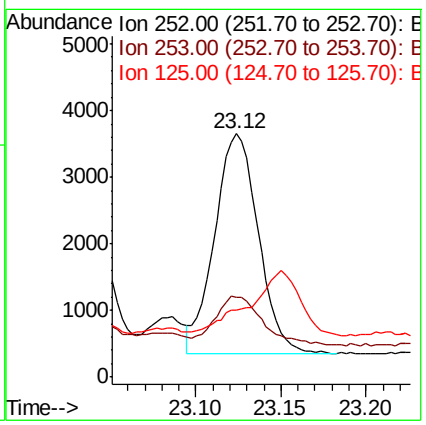
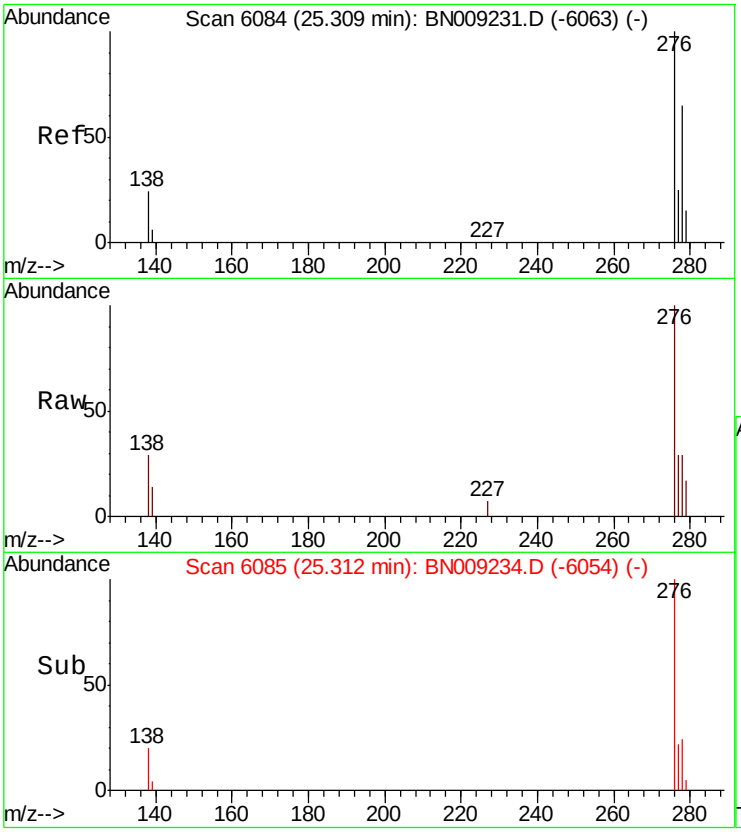


#23
Benzo(a)pyrene
Concen: 0.185 ng/ul
RT: 23.12 min Scan# 5350
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:252 Resp: 5888

Ion	Ratio	Lower	Upper
252	100		
253	32.7	20.2	30.4#
125	27.6	13.2	19.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.128 ng/ul
RT: 25.31 min Scan# 6085
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:276 Resp: 4420

Ion	Ratio	Lower	Upper
276	100		
138	23.1	22.4	33.6
227	0.2	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
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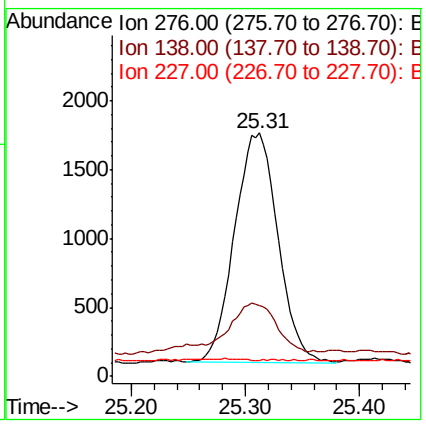
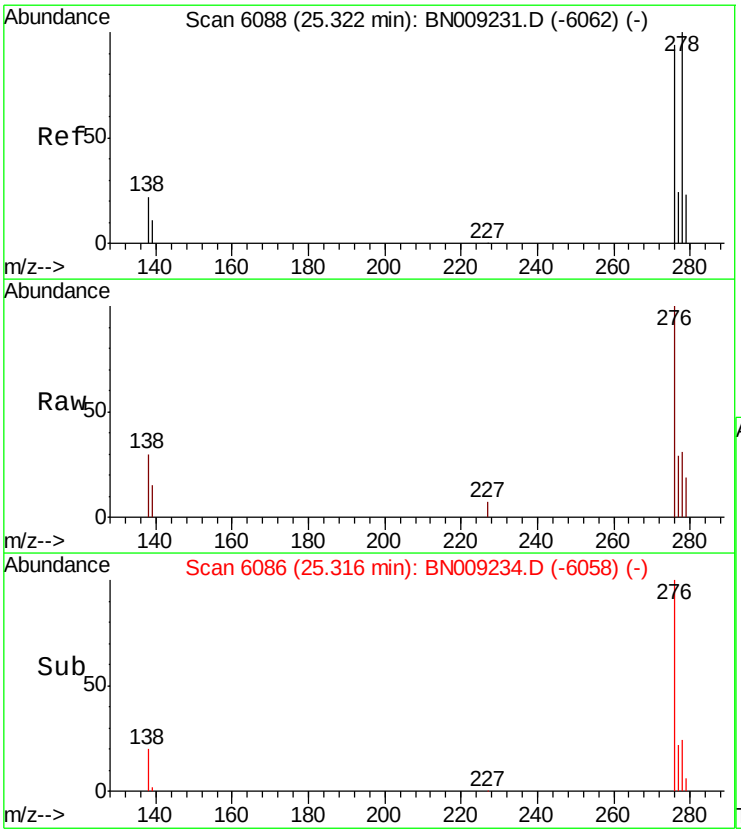
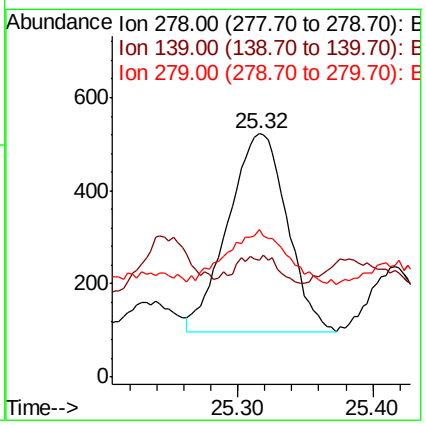


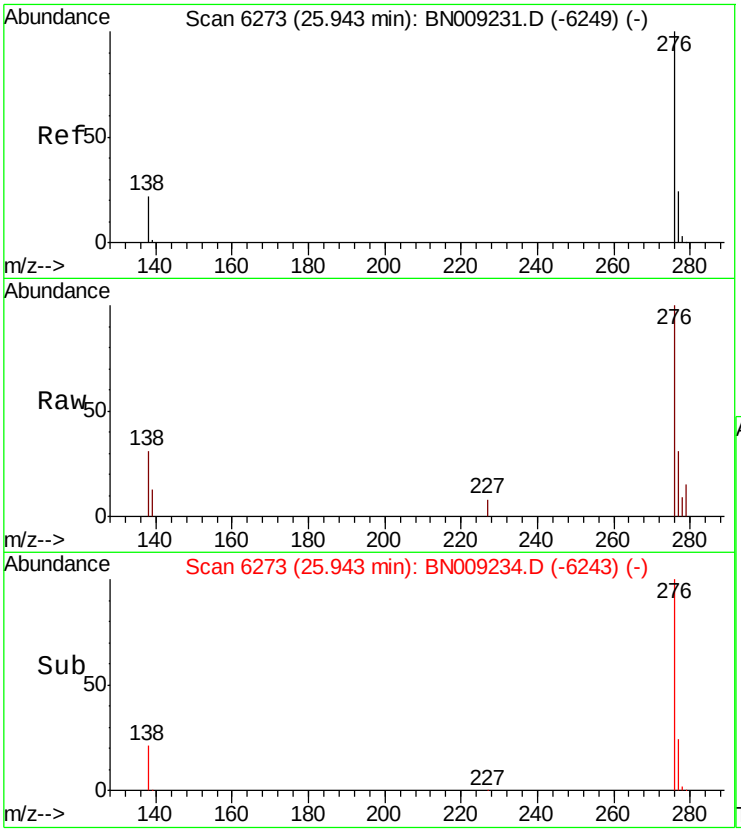


#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.32 min Scan# 6086
Delta R.T. -0.01 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:278 Resp: 1292

Ion	Ratio	Lower	Upper
278	100		
139	48.0	16.2	24.2#
279	60.8	20.3	30.5#

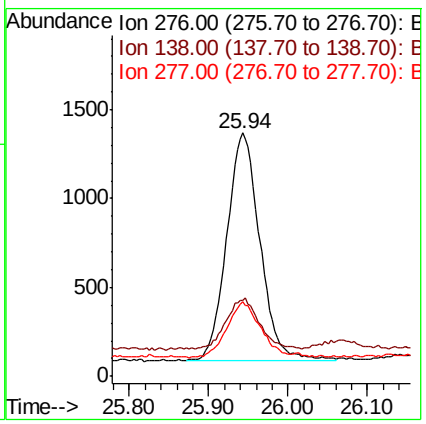




#26
Benzo(g,h,i)perylene
Concen: 0.127 ng/ul
RT: 25.94 min Scan# 6273
Delta R.T. 0.00 min
Lab File: BN009234.D
Acq: 28 Dec 2019 18:41

Tgt Ion:276 Resp: 3702

Ion	Ratio	Lower	Upper
276	100		
138	31.1	20.6	30.8#
277	30.6	19.6	29.4#



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