Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
Data File : BN009117.D
Acq On : 24 Dec 2019 09:45
Operator : JU
Sample : K6254-02DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 24 10:58:52 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 : Tue Dec 24 06:49:13 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0C06DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	3509	0.40	ng/ul	0.00
2) Naphthalene-d8	10.28	136	13108	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	6945	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	12805	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	7378	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	7138	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	692	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	1217	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.33	128	1182	0.030	ng/ul#	87
5) 2-Methylnaphthalene	11.96	142	920	0.031	ng/ul	99
7) Acenaphthylene	13.88	152	2217	0.061	ng/ul#	91
8) Acenaphthene	14.22	153	733	0.026	ng/ul	97
9) Fluorene	15.22	166	2124	0.063	ng/ul#	99
12) Phenanthrene	16.95	178	18989	0.426	ng/ul	100
13) Anthracene	17.04	178	3949	0.099	ng/ul	96
15) Fluoranthene	18.97	202	20217	0.397	ng/ul	97
17) Pyrene	19.33	202	22908	0.609	ng/ul	98
18) Benzo(a)anthracene	21.10	228	8221	0.251	ng/ul	95
19) Chrysene	21.15	228	8966	0.272	ng/ul	96
21) Benzo(b)fluoranthene	22.62	252	8118m	0.244	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	3174m	0.094	ng/ul	
23) Benzo(a)pyrene	23.16	252	6743	0.231	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.35	276	4127	0.130	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.36	278	1188	0.047	ng/ul#	42
26) Benzo(g,h,i)perylene	25.98	276	4507	0.168	ng/ul	93

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 06:49:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C06DL

Manual Integrations APPROVED
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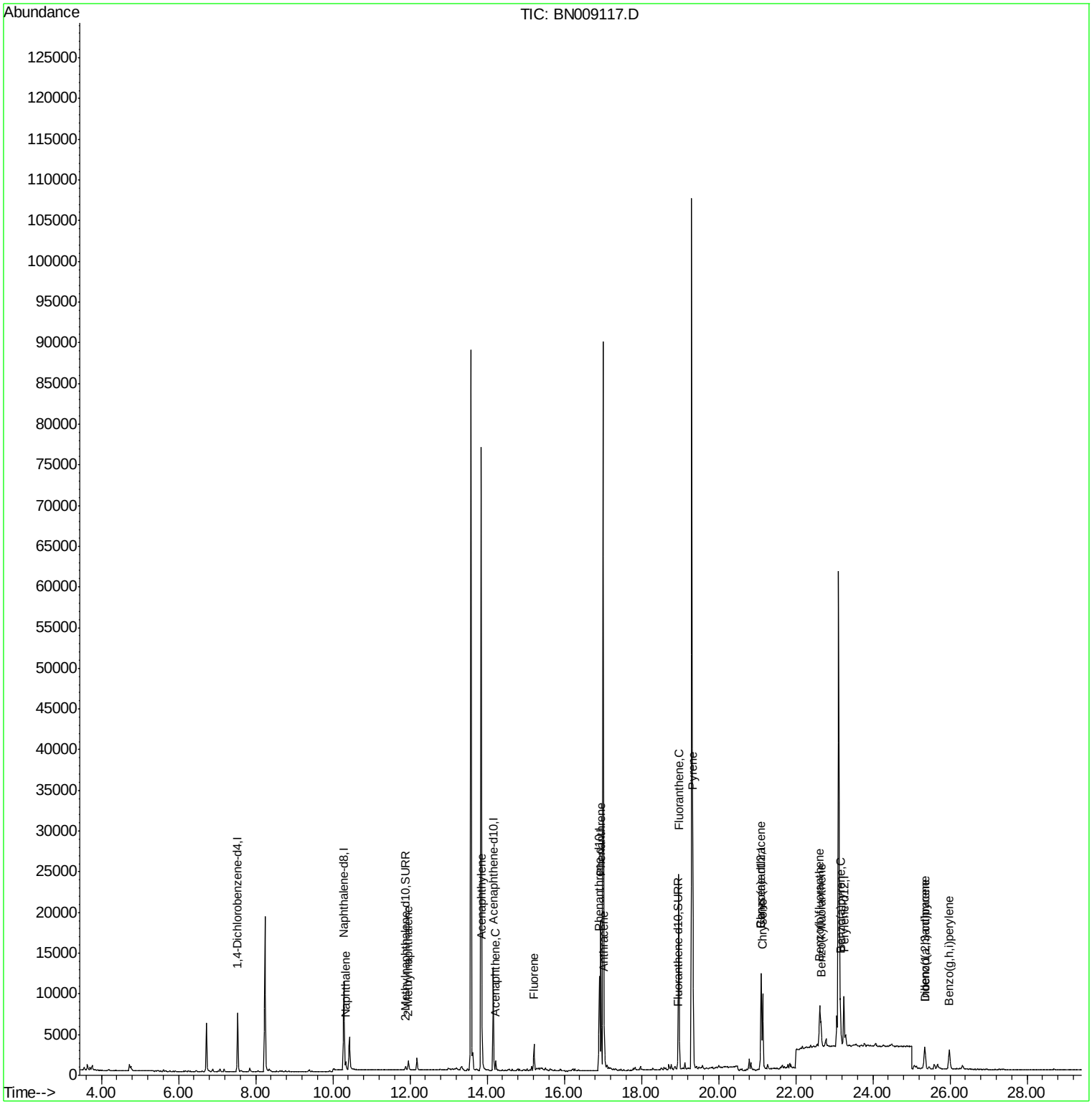

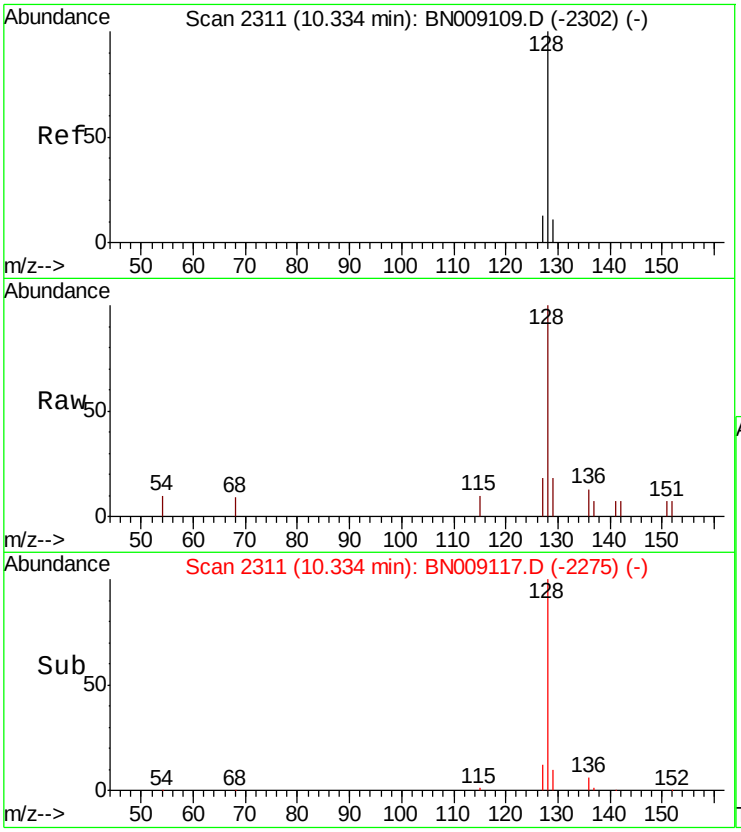

#3
Naphthalene
Concen: 0.030 ng/ul
RT: 10.33 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:128 Resp: 1182

Ion	Ratio	Lower	Upper
128	100		
129	17.7	9.0	13.4#
127	17.5	10.9	16.3#

Instrument :
BNA_N
ClientSampleId :
C0C06DL

Manual Integrations APPROVED
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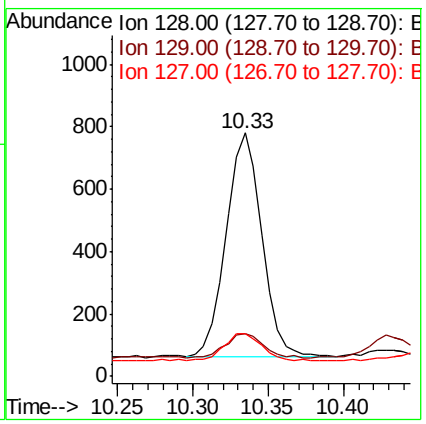
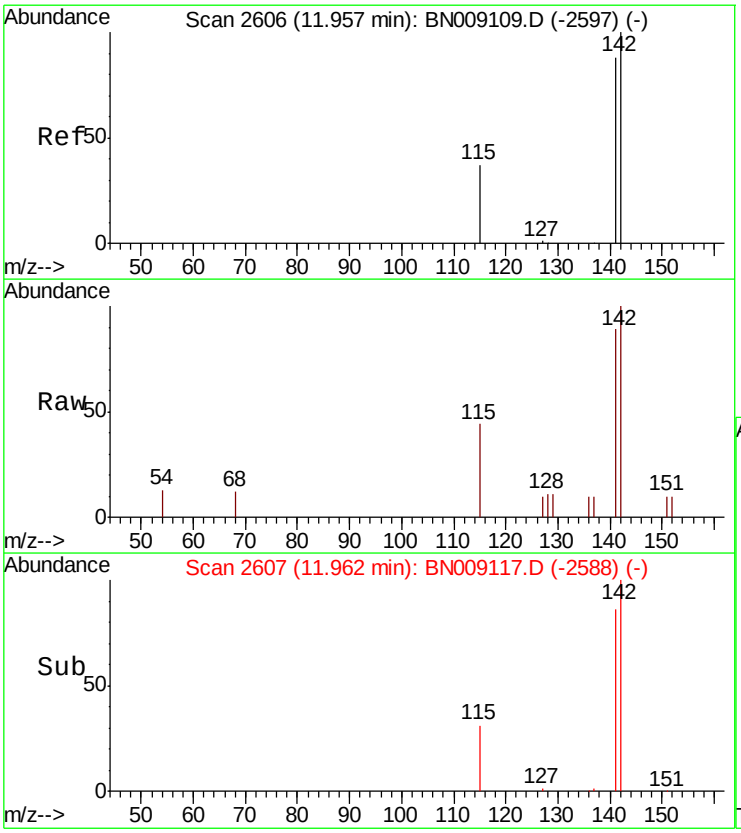
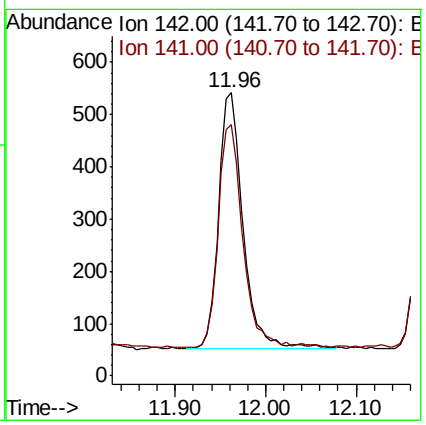


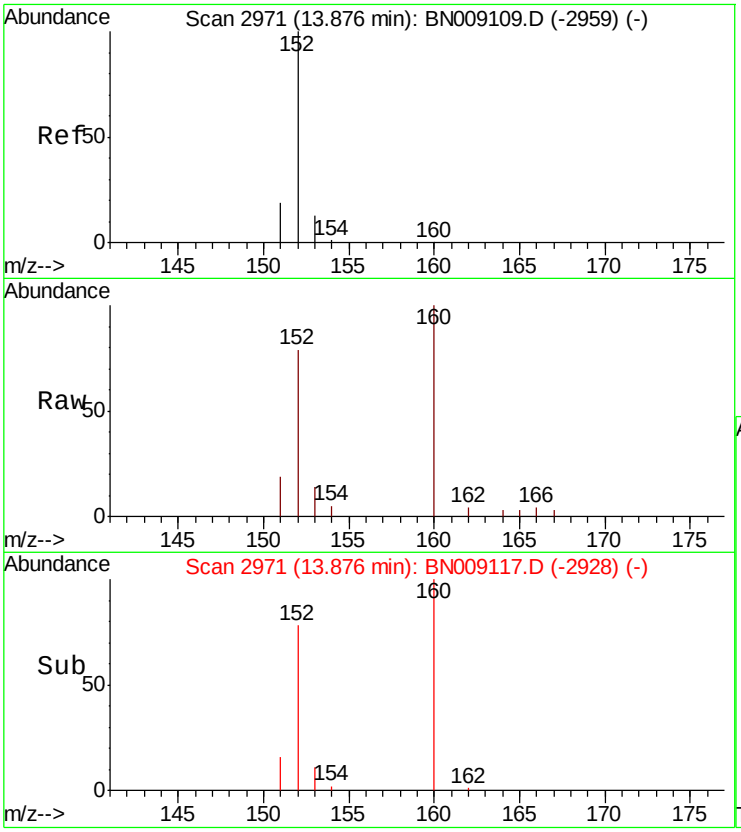


#5
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.96 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:142 Resp: 920

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.2	105.4

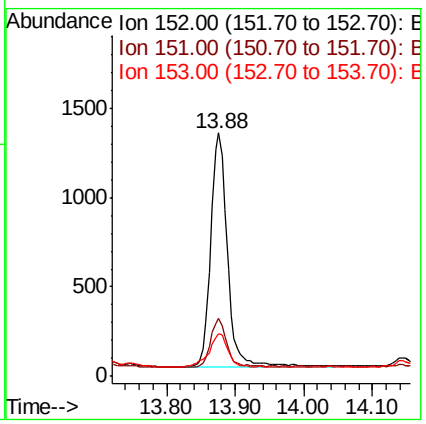




#7
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.88 min Scan# 2971
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:152 Resp: 2217

Ion	Ratio	Lower	Upper
152	100		
151	23.6	15.7	23.5#
153	17.7	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
C0C06DL

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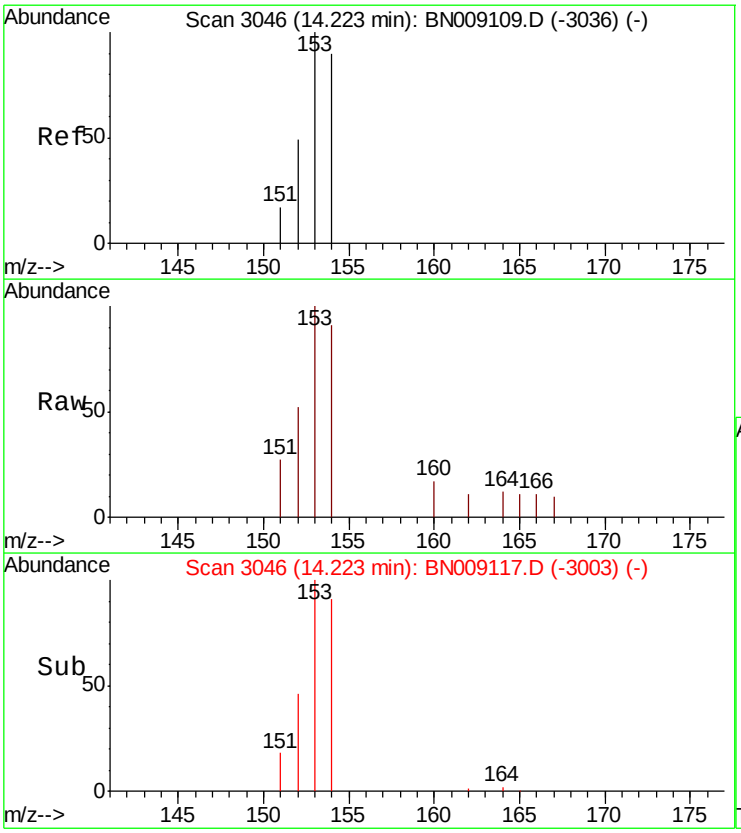
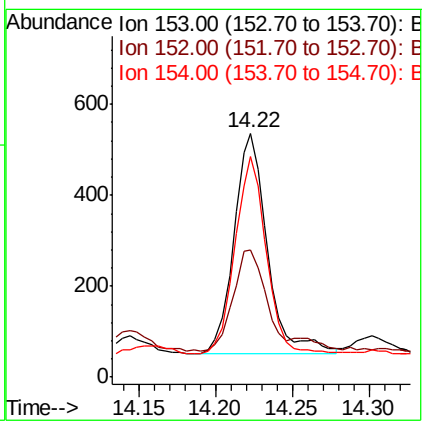
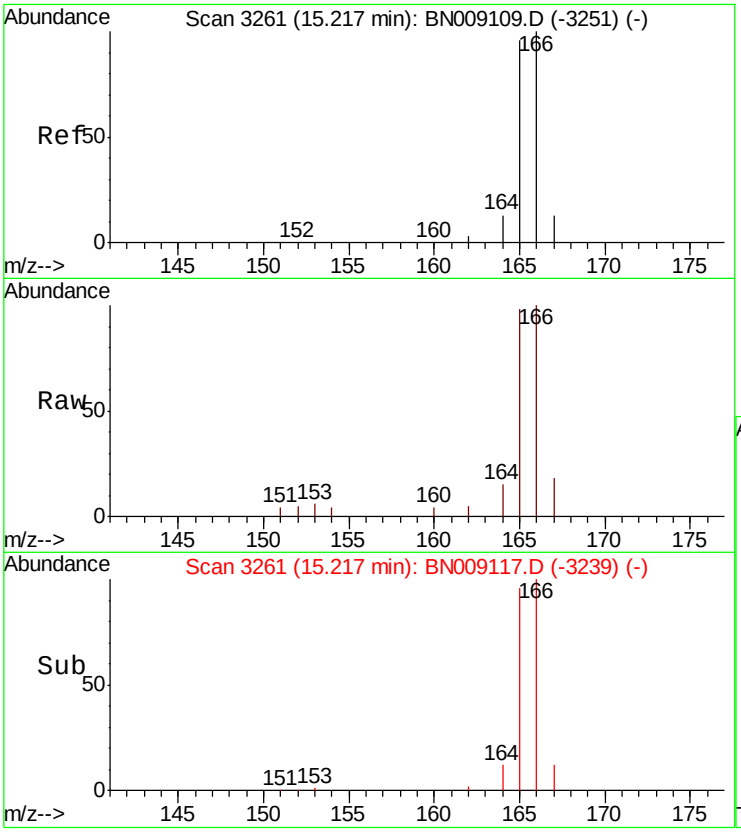


#8
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.22 min Scan# 3046
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:153 Resp: 733

Ion	Ratio	Lower	Upper
153	100		
152	52.4	39.5	59.3
154	90.7	71.3	106.9





#9
Fluorene
Concen: 0.063 ng/ul
RT: 15.22 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:166 Resp: 2124

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.4
167	17.6	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
C0C06DL

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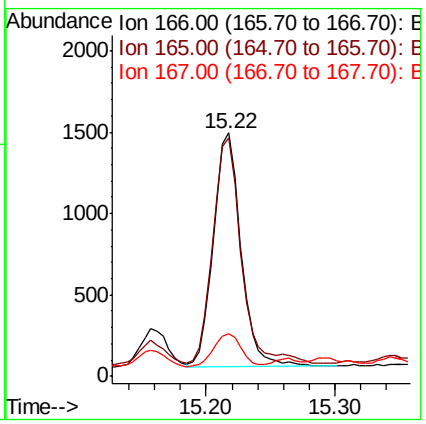
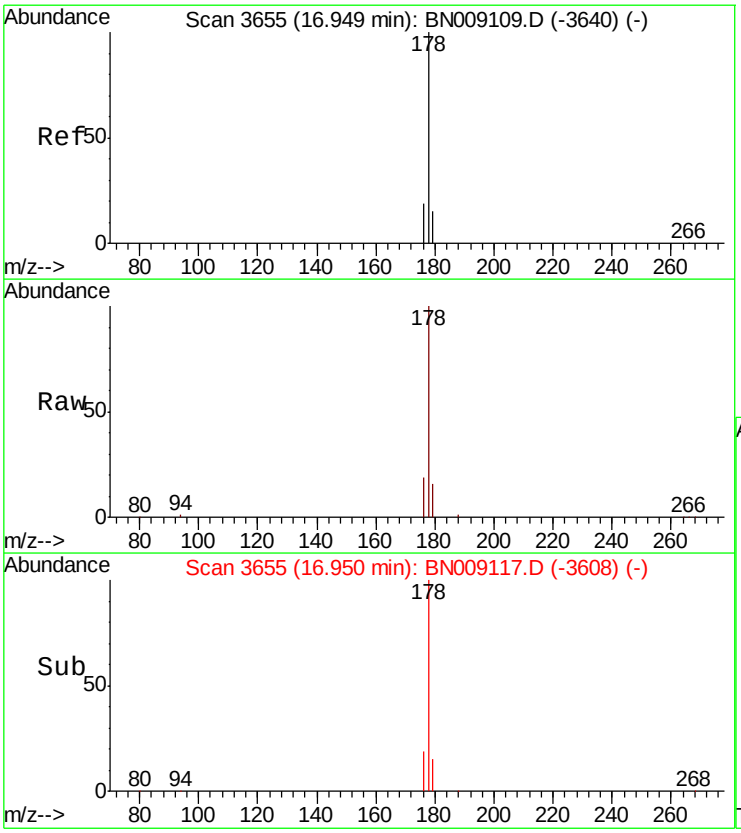
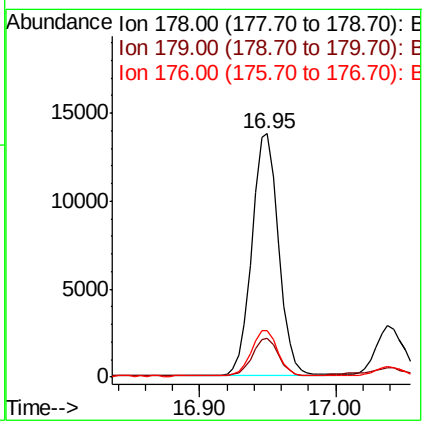


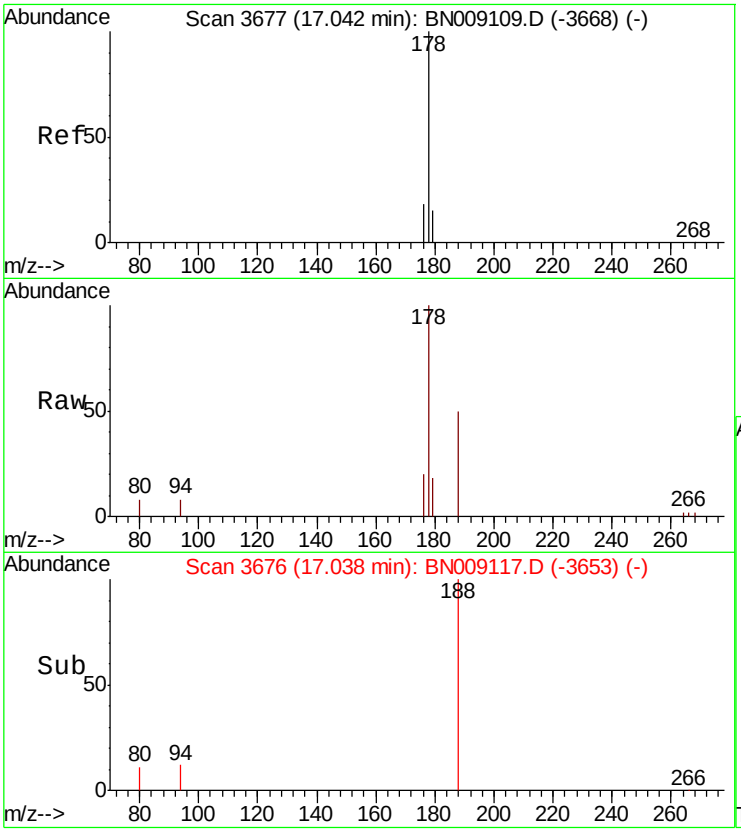


#12
Phenanthrene
Concen: 0.426 ng/ul
RT: 16.95 min Scan# 3655
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:178 Resp: 18989

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.9	15.1	22.7

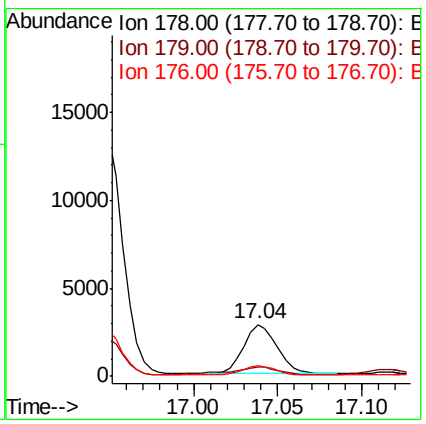




#13
Anthracene
Concen: 0.099 ng/ul
RT: 17.04 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:178 Resp: 3949

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.5	18.7
176	19.9	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0C06DL

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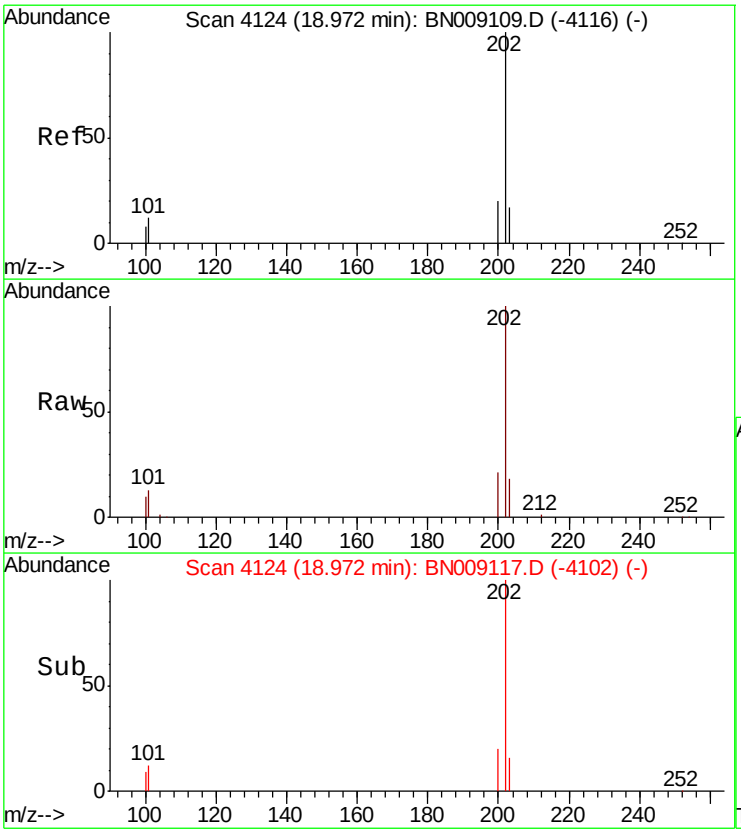
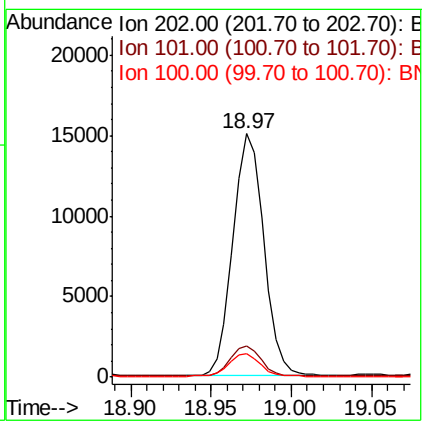
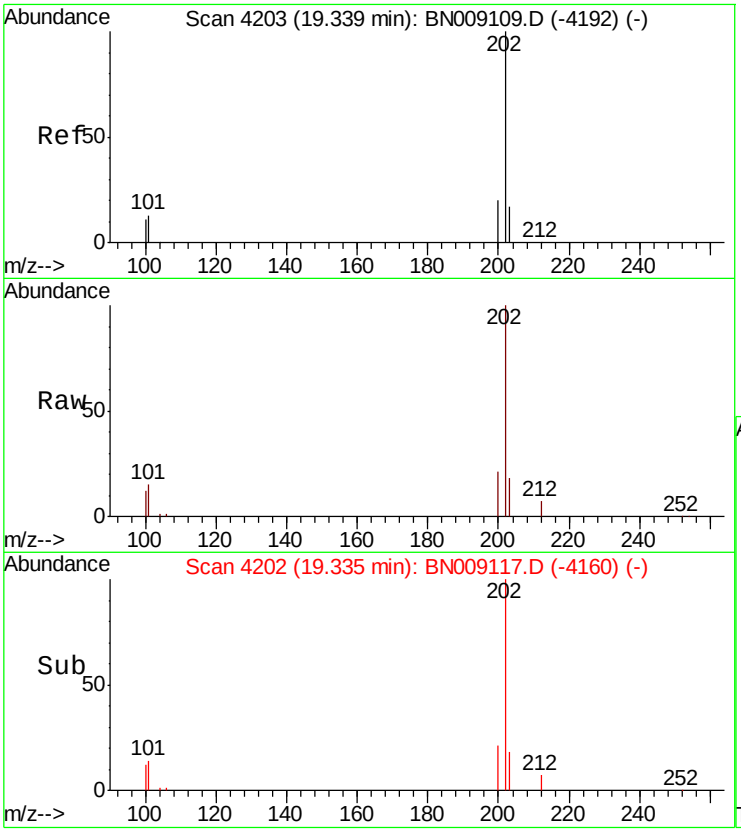


#15
Fluoranthene
Concen: 0.397 ng/ul
RT: 18.97 min Scan# 4124
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:202 Resp: 20217

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.5
100	9.5	0.0	28.9





#17
Pyrene
Concen: 0.609 ng/ul
RT: 19.33 min Scan# 4202
Delta R.T. -0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:202 Resp: 22908

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.9	16.3
100	12.0	9.0	13.6

Instrument :
BNA_N
ClientSampleId :
C0C06DL

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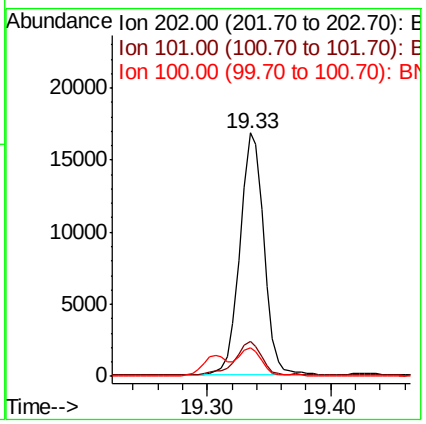
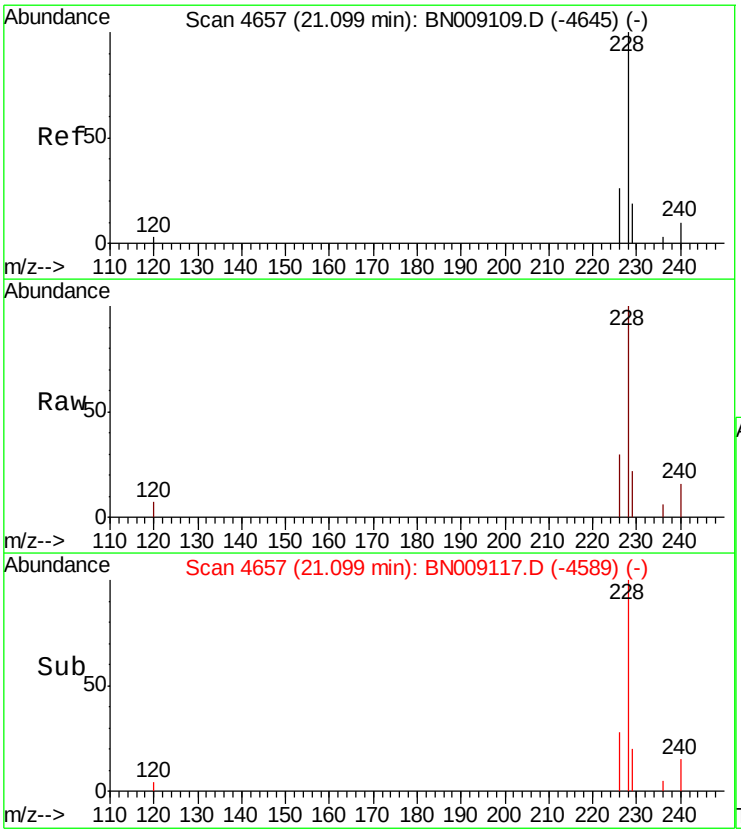
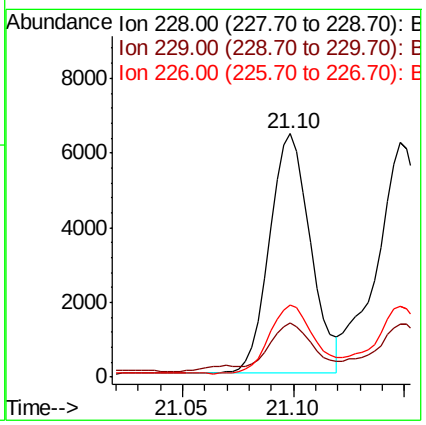


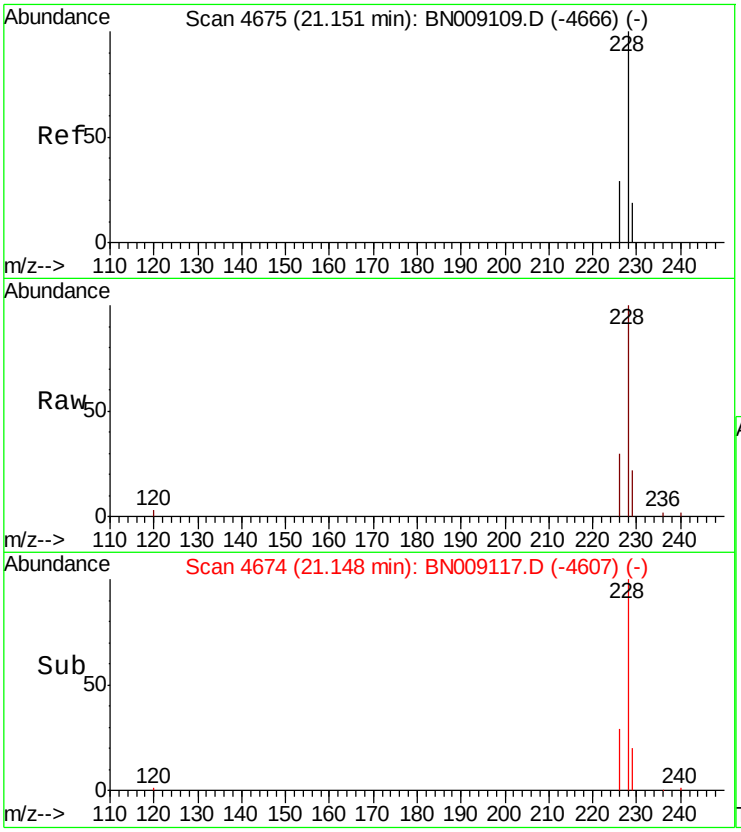


#18
Benzo(a)anthracene
Concen: 0.251 ng/ul
RT: 21.10 min Scan# 4657
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:228 Resp: 8221

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.5	23.3
226	29.6	21.7	32.5

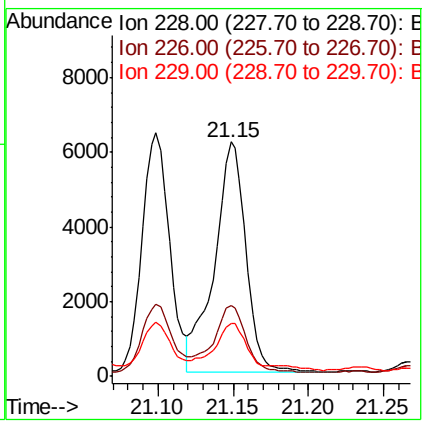




#19
Chrysene
Concen: 0.272 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:228 Resp: 8966

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	22.4	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0C06DL

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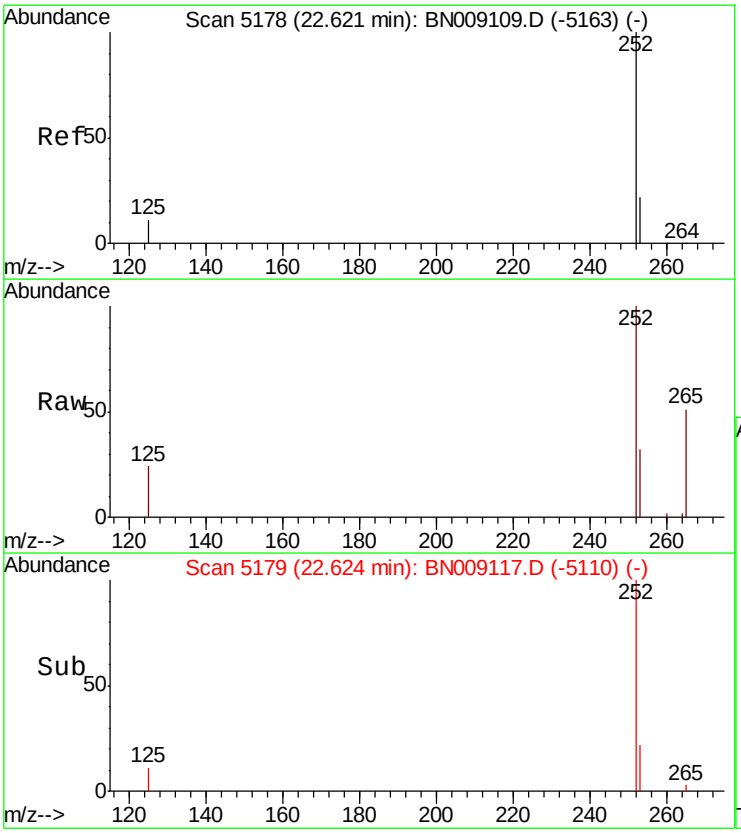
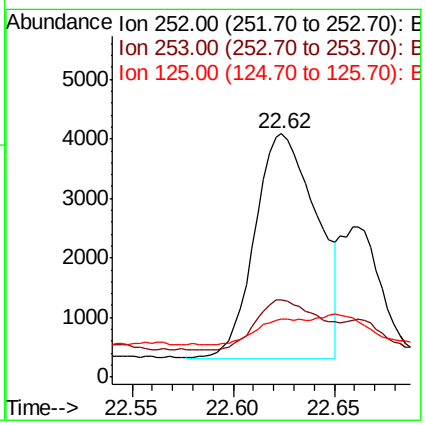
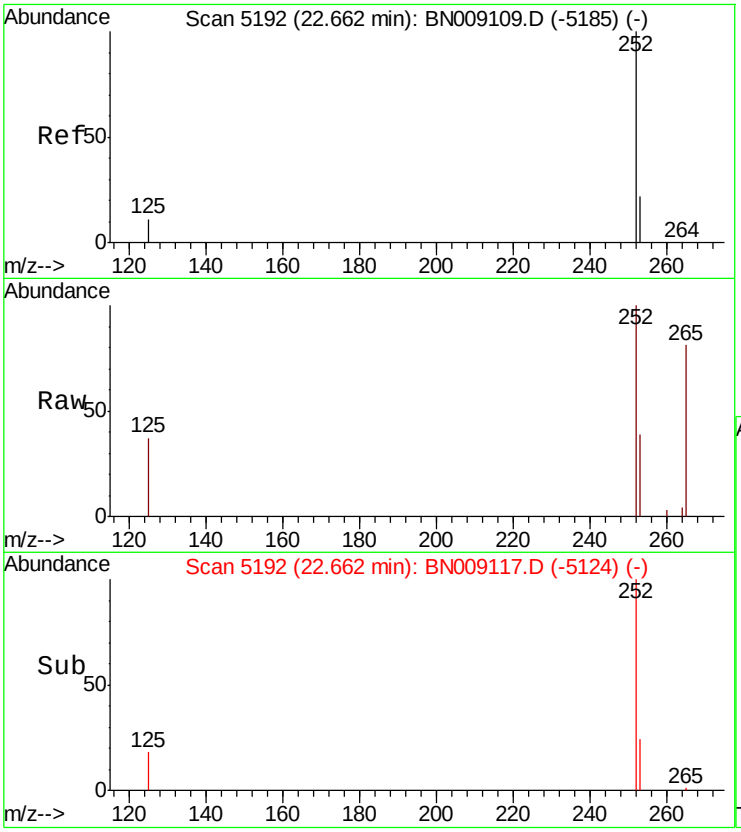


#21
Benzo(b)fluoranthene
Concen: 0.244 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:252 Resp: 8118

Ion	Ratio	Lower	Upper
252	100		
253	31.5	0.0	48.2
125	23.9	0.0	30.0





#22
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 22.66 min Scan# 5192
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:252 Resp: 3174

Ion	Ratio	Lower	Upper
252	100		
253	38.6	19.4	29.0#
125	37.1	12.4	18.6#

Instrument :
BNA_N
ClientSampleId :
C0C06DL

Manual Integrations APPROVED
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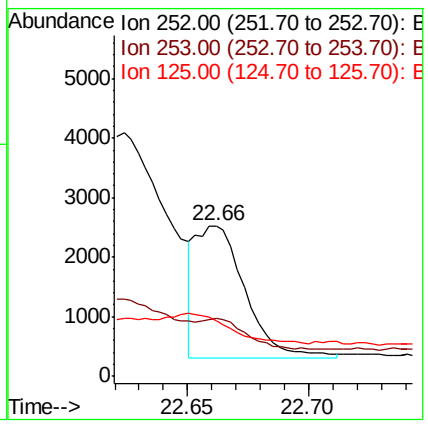
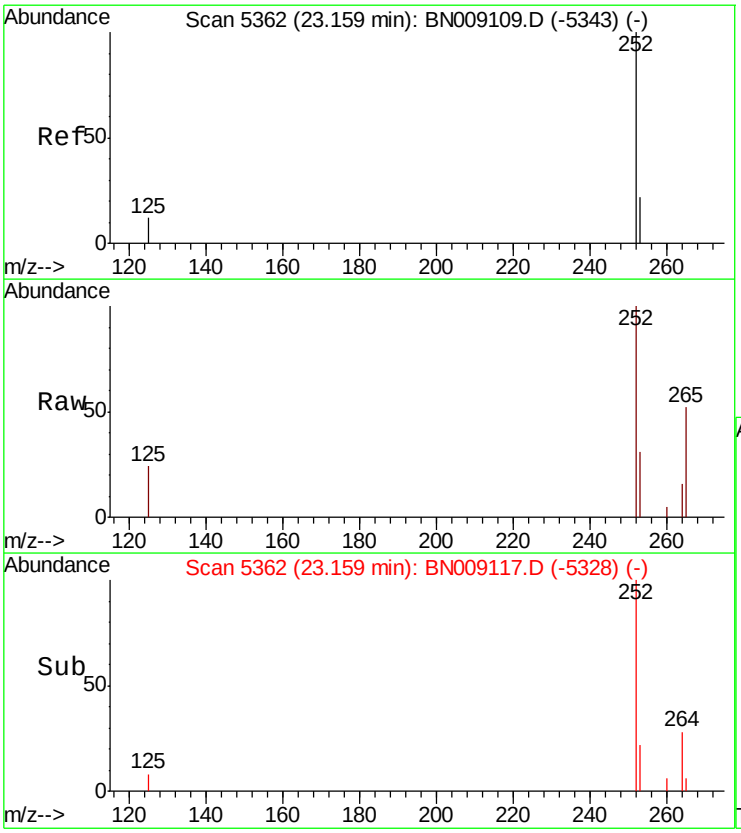
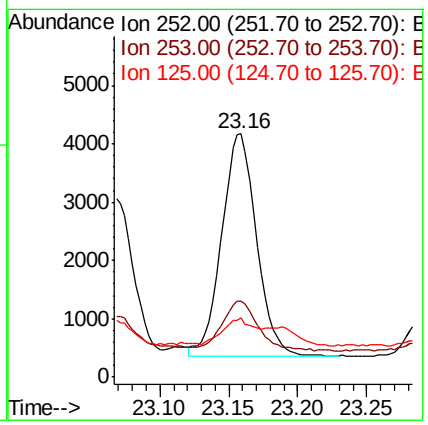


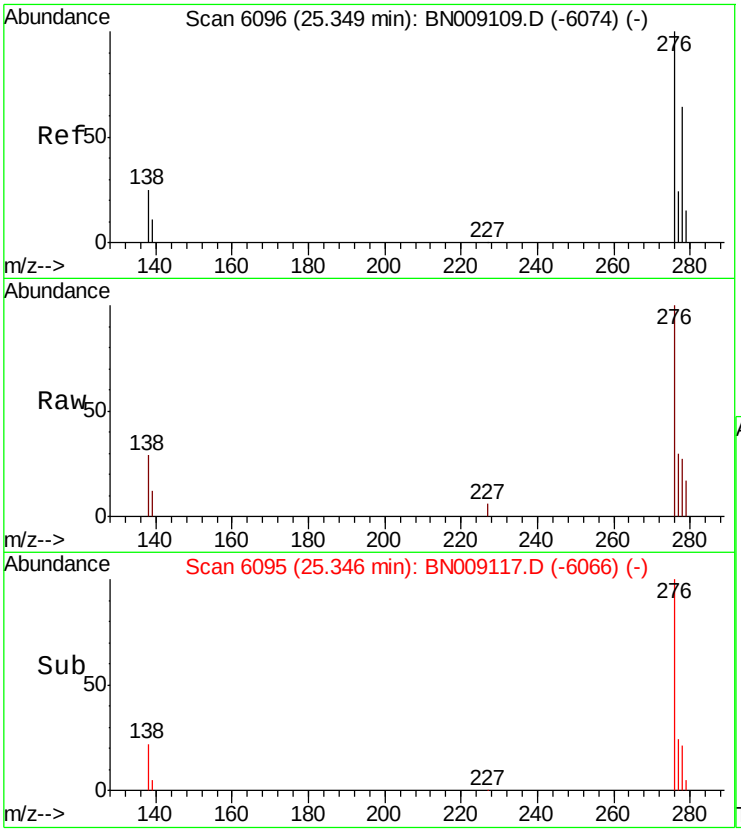


#23
Benzo(a)pyrene
Concen: 0.231 ng/ul
RT: 23.16 min Scan# 5362
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:252 Resp: 6743

Ion	Ratio	Lower	Upper
252	100		
253	31.1	20.2	30.4#
125	24.3	13.2	19.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.130 ng/ul
RT: 25.35 min Scan# 6095
Delta R.T. -0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:276 Resp: 4127

Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.4	33.6
227	0.1	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0C06DL

Manual Integrations APPROVED
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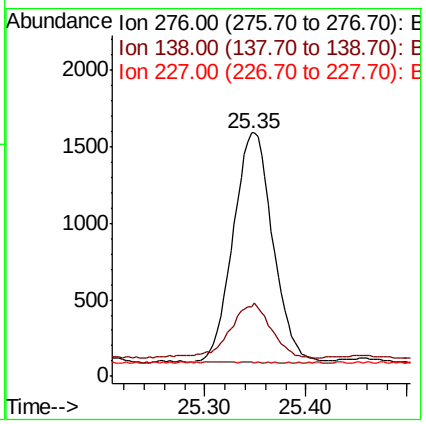
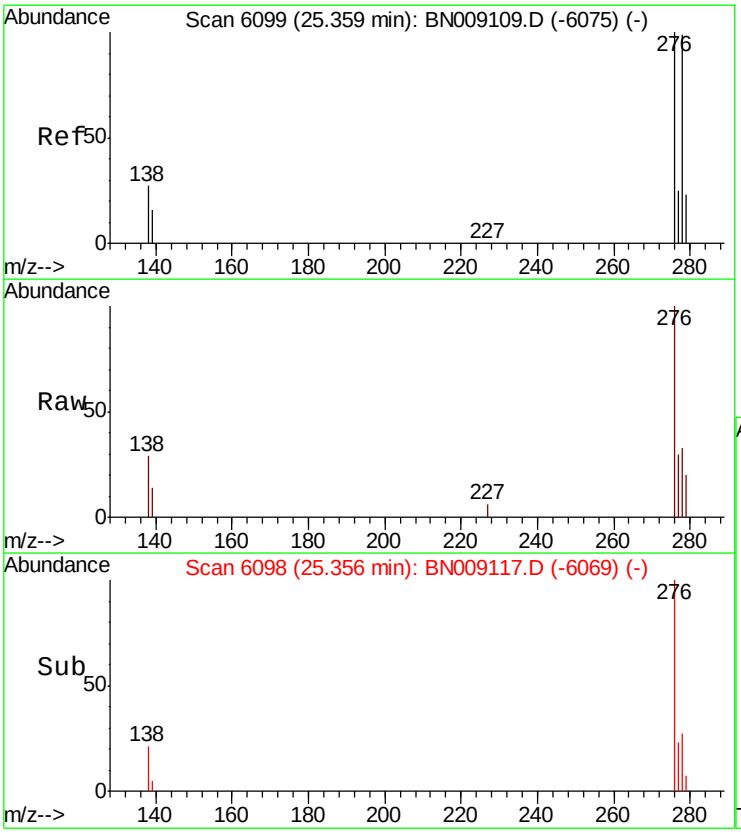
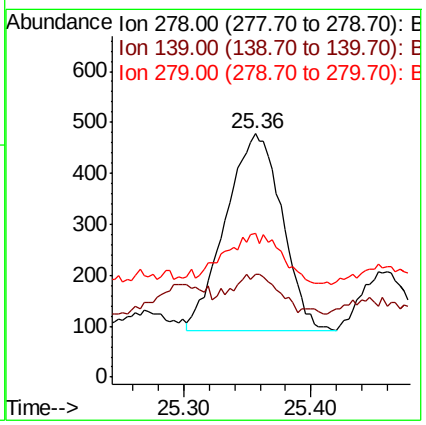


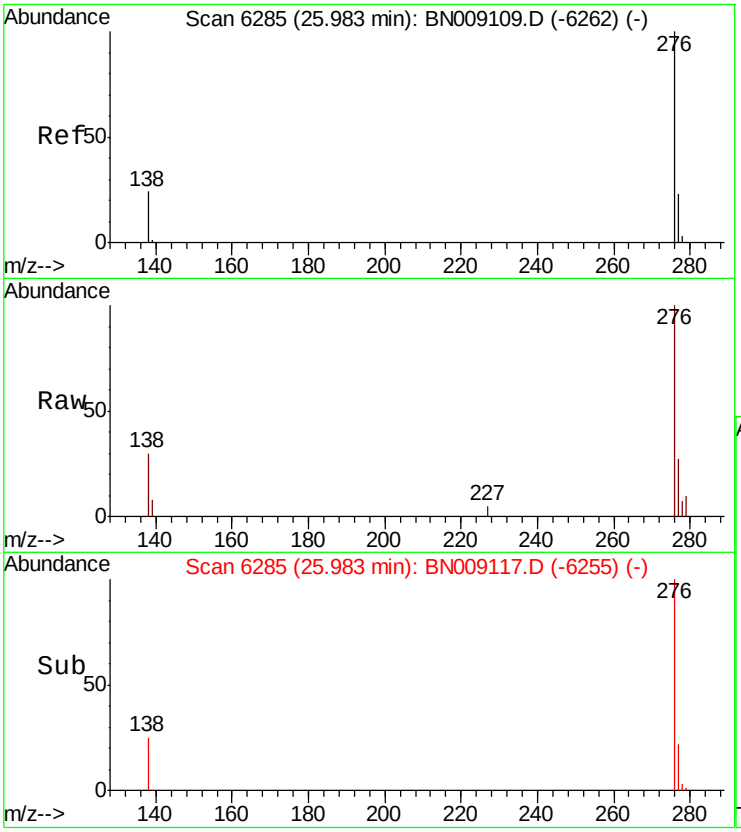


#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:278 Resp: 1188

Ion	Ratio	Lower	Upper
278	100		
139	42.3	16.2	24.2#
279	59.2	20.3	30.5#

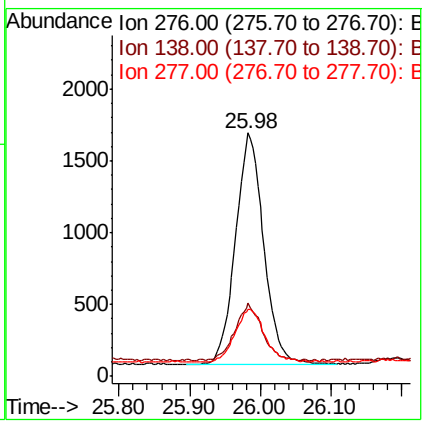




#26
Benzo(g,h,i)perylene
Concen: 0.168 ng/ul
RT: 25.98 min Scan# 6285
Delta R.T. 0.00 min
Lab File: BN009117.D
Acq: 24 Dec 2019 09:45

Tgt Ion:276 Resp: 4507

Ion	Ratio	Lower	Upper
276	100		
138	30.1	20.6	30.8
277	27.3	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0C06DL

Manual Integrations APPROVED
mohammad
12/24/2019 3:00:42 PM