Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009055.D
Acq On : 20 Dec 2019 06:46
Operator : JU
Sample : K6171-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 20 07:22:11 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 : C0BW2

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	3591	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	14319	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8147	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	16850	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9705	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8356	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	4273	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	9352	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.34	128	2615	0.060	ng/ul#	93
5) 2-Methylnaphthalene	11.96	142	2058	0.063	ng/ul	95
7) Acenaphthylene	13.88	152	2156	0.050	ng/ul#	89
8) Acenaphthene	14.23	153	1918	0.057	ng/ul	98
9) Fluorene	15.22	166	3111	0.078	ng/ul#	98
12) Phenanthrene	16.95	178	112663	1.923	ng/ul	100
13) Anthracene	17.05	178	15025	0.286	ng/ul	99
15) Fluoranthene	18.98	202	249722	3.726	ng/ul	99
17) Pyrene	19.34	202	189648	3.830	ng/ul	99
18) Benzo(a)anthracene	21.10	228	69652	1.616	ng/ul	98
19) Chrysene	21.15	228	82646	1.908	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	86522m	2.218	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	26194m	0.666	ng/ul	
23) Benzo(a)pyrene	23.17	252	50084	1.465	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.36	276	36836	0.989	ng/ul	91
25) Dibenzo(a,h)anthracene	25.36	278	8875	0.299	ng/ul#	76
26) Benzo(g,h,i)perylene	25.99	276	37094	1.183	ng/ul	99

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BW2

Manual Integrations APPROVED
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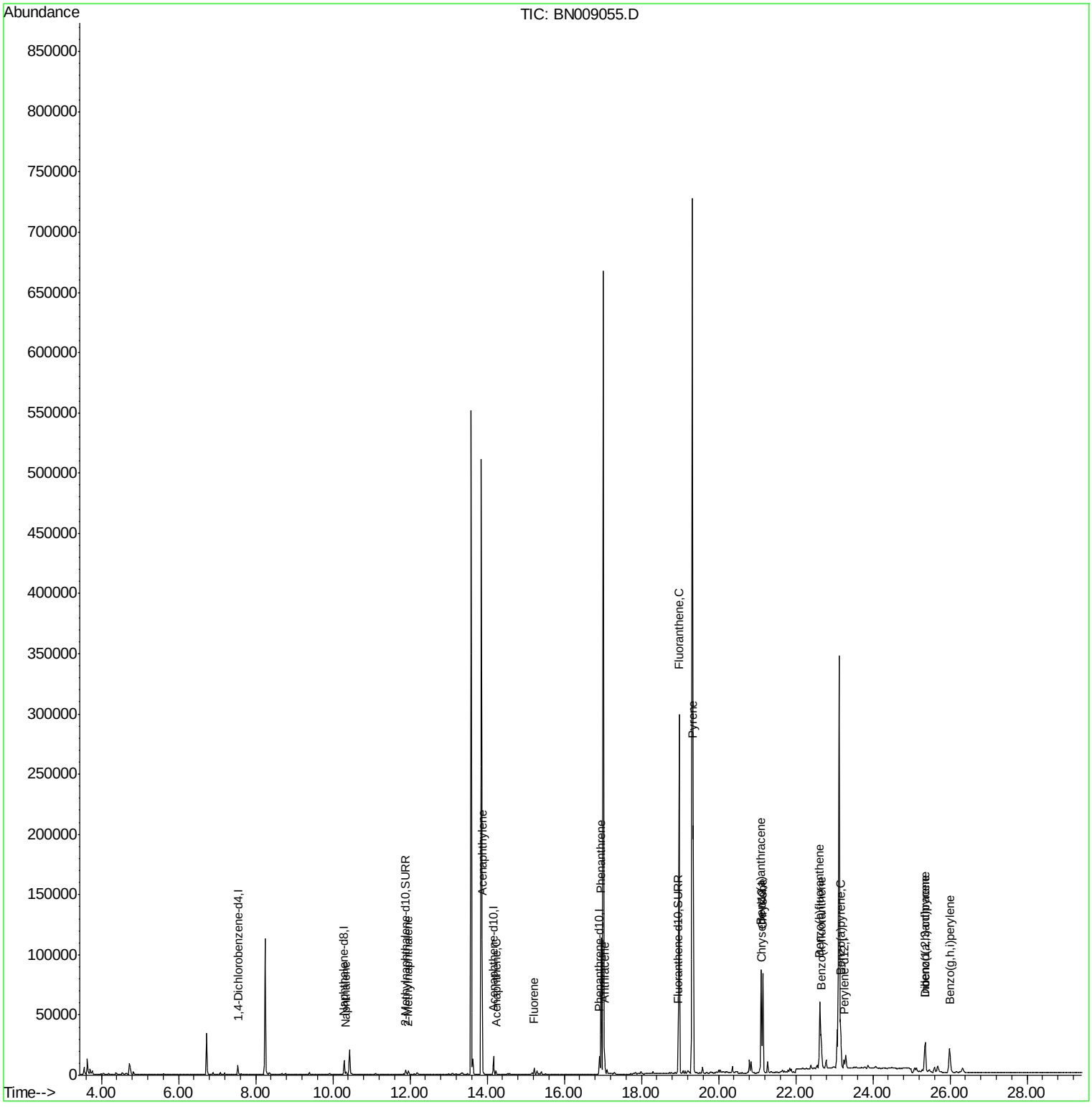

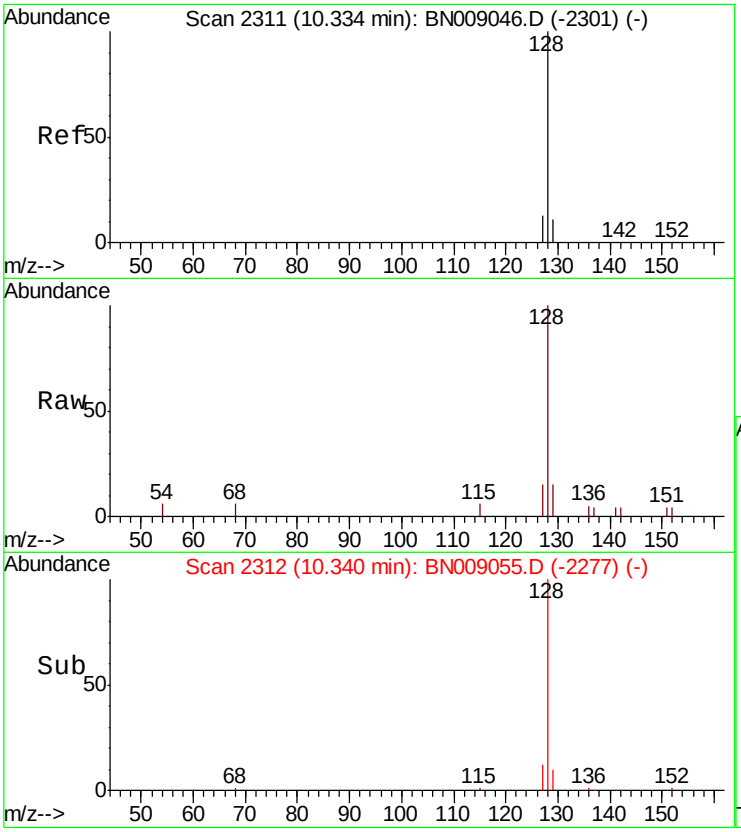

#3
Naphthalene
Concen: 0.060 ng/ul
RT: 10.34 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:128 Resp: 2615

Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.0	13.4#
127	15.3	10.9	16.3

Instrument :
BNA_N
ClientSampleId :
C0BW2

Manual Integrations APPROVED
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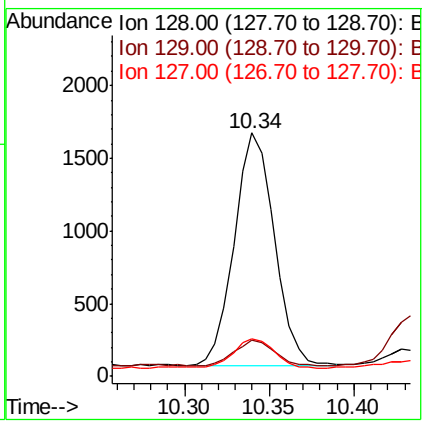
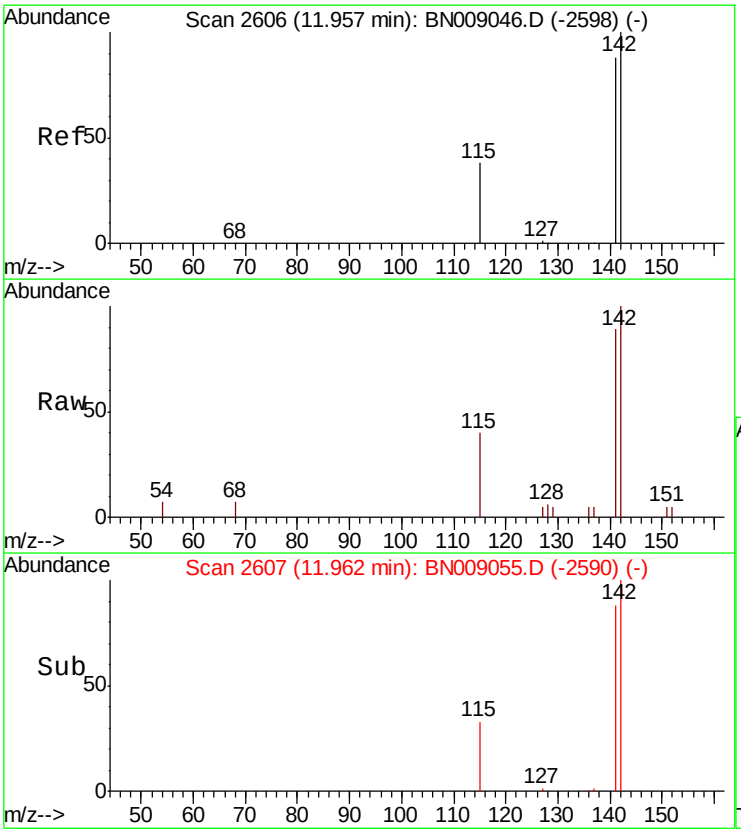
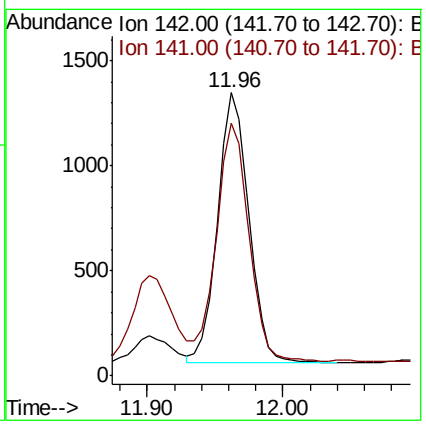


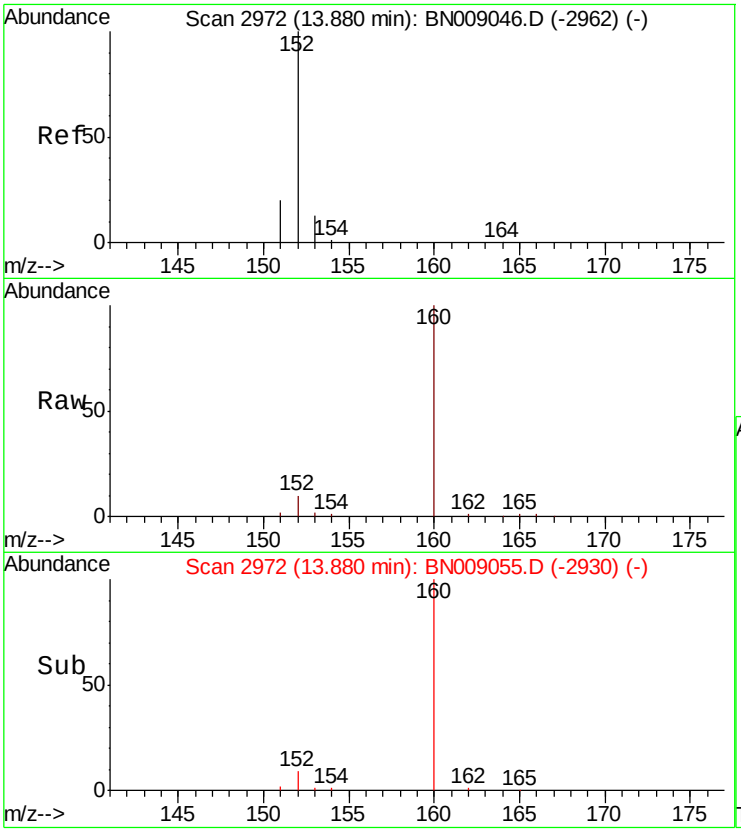


#5
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 11.96 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:142 Resp: 2058

Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.2	105.4

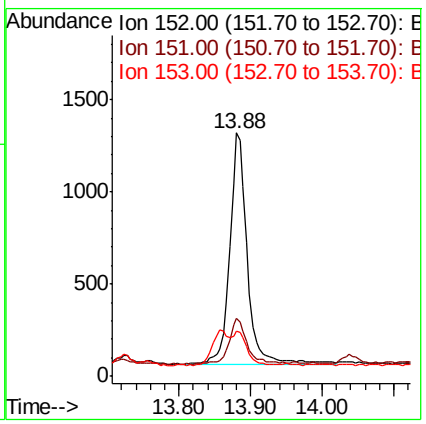




#7
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.88 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:152 Resp: 2156

Ion	Ratio	Lower	Upper
152	100		
151	23.9	15.7	23.5#
153	18.6	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
C0BW2

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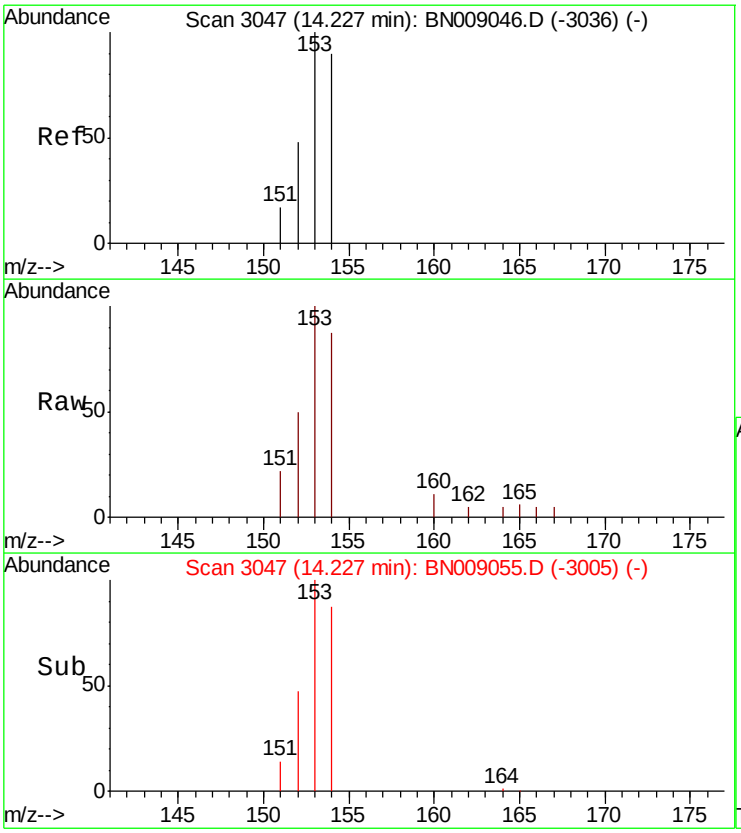
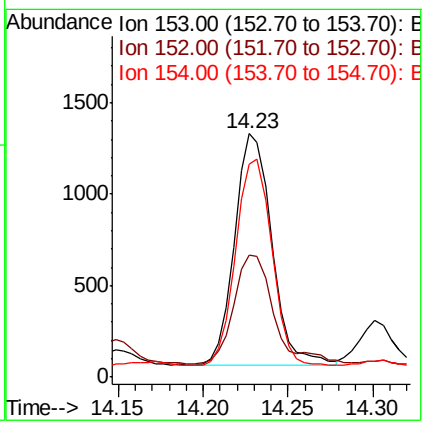
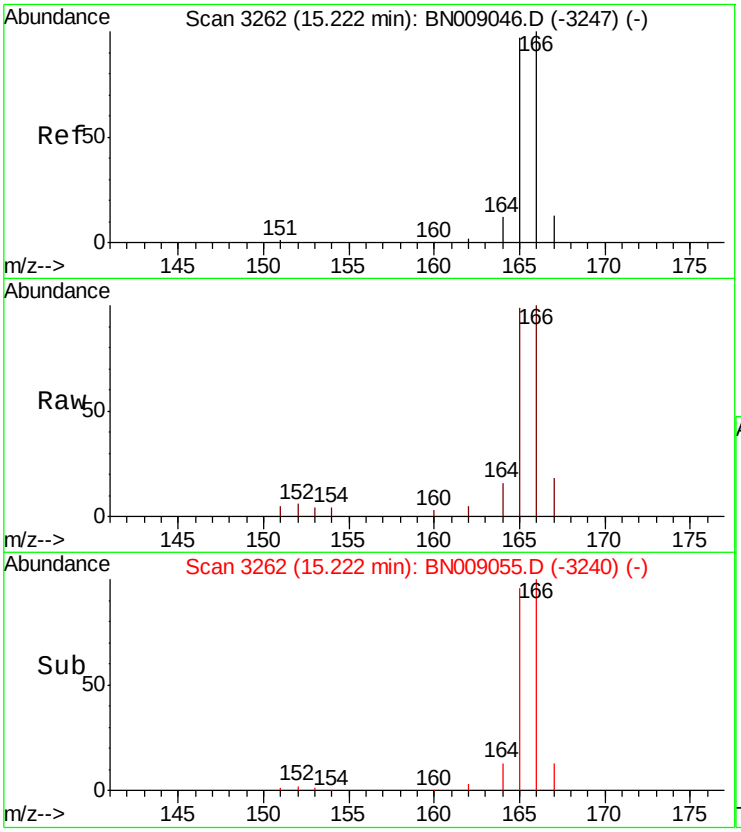


#8
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.23 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:153 Resp: 1918

Ion	Ratio	Lower	Upper
153	100		
152	50.2	39.5	59.3
154	87.4	71.3	106.9

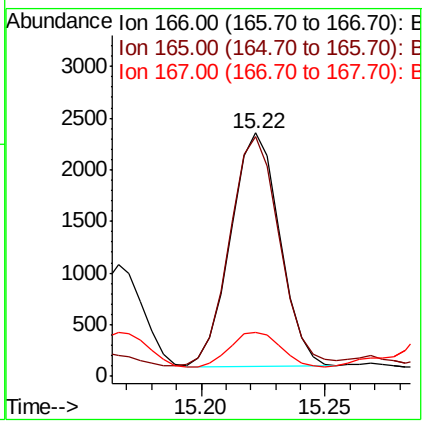




#9
Fluorene
Concen: 0.078 ng/ul
RT: 15.22 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:166 Resp: 3111

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.4
167	18.2	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
C0BW2

Manual Integrations APPROVED
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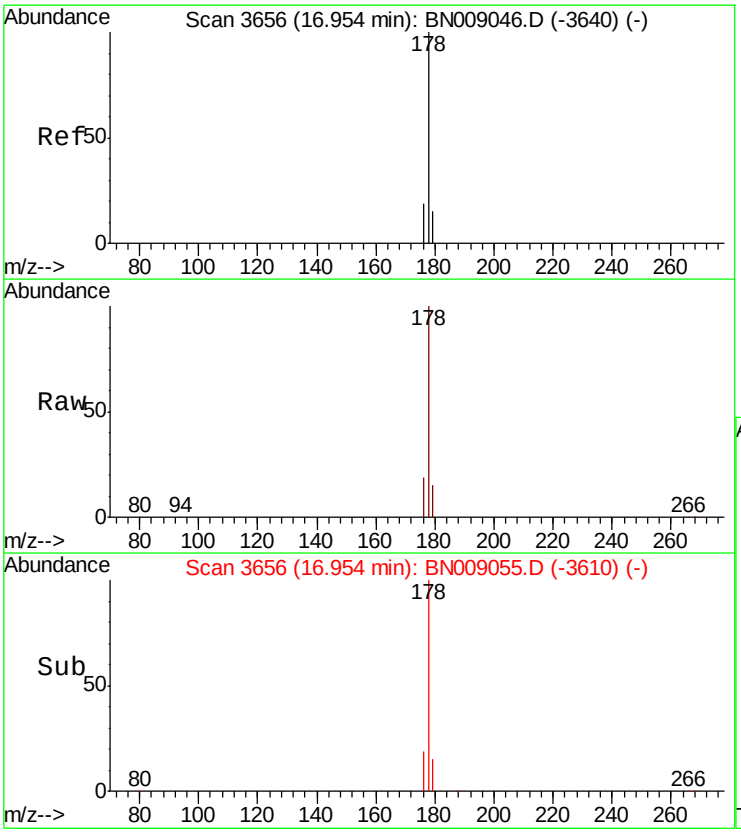
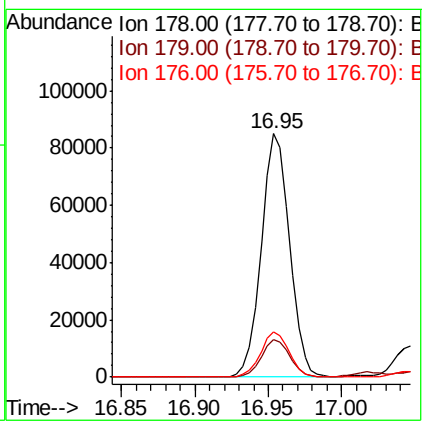
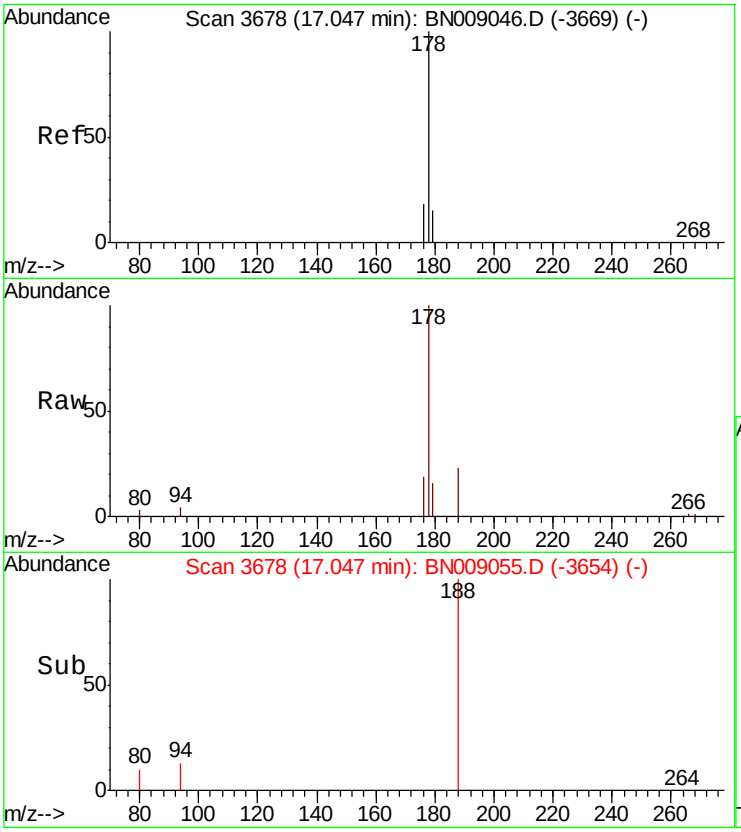


#12
Phenanthrene
Concen: 1.923 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:178 Resp: 112663

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.7	15.1	22.7

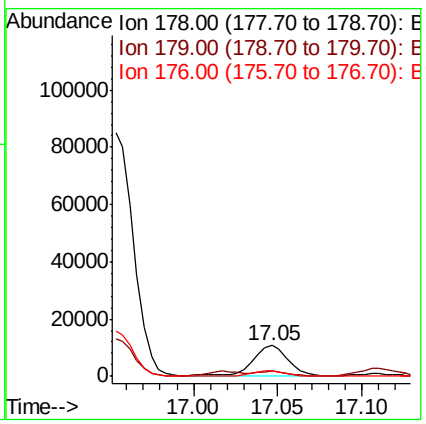




#13
Anthracene
Concen: 0.286 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:178 Resp: 15025

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.5	18.7
176	18.7	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0BW2

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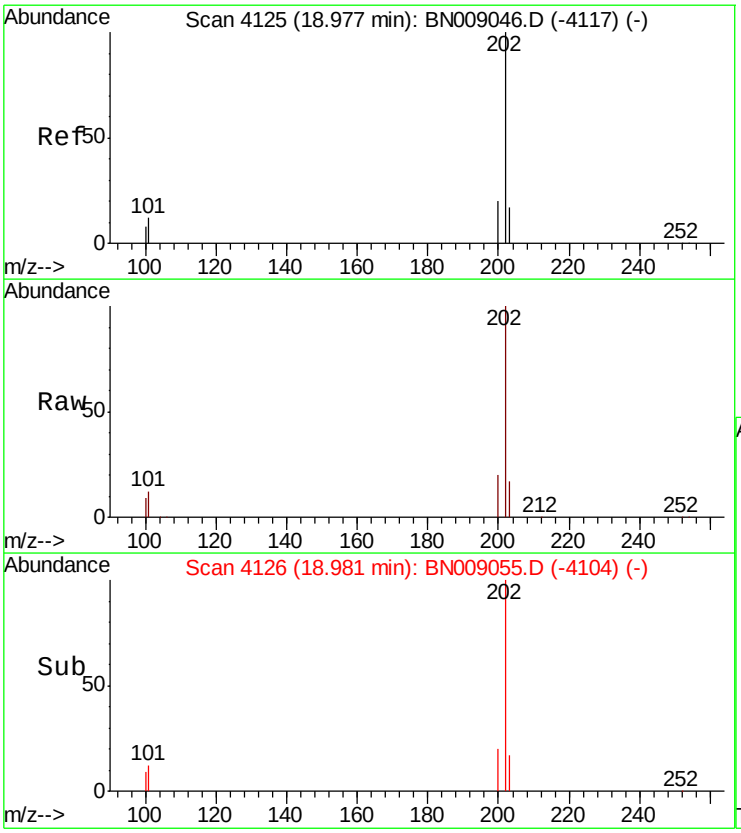
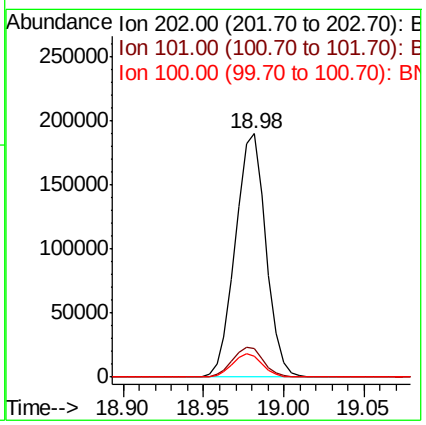
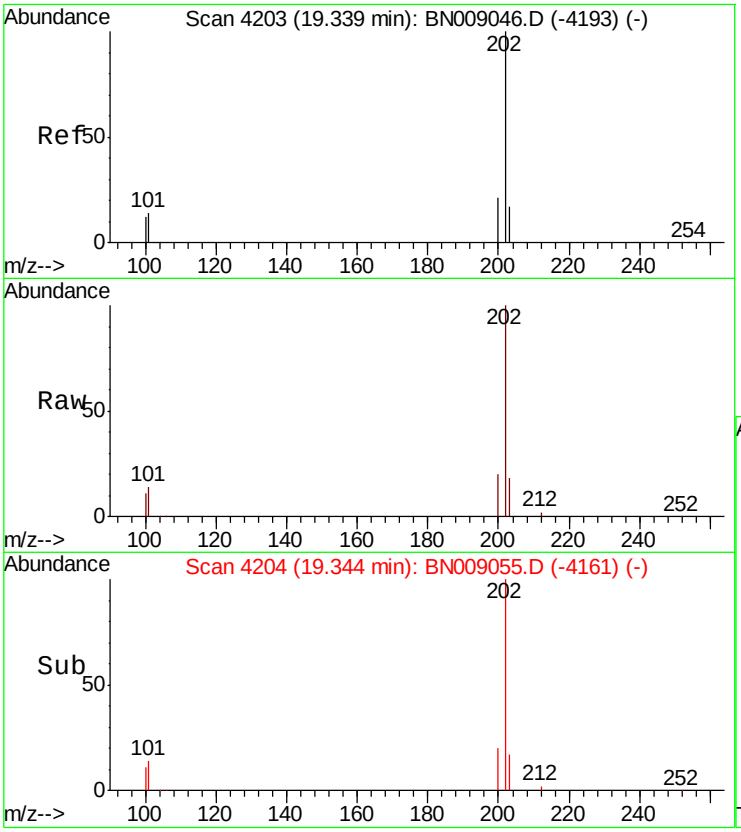


#15
Fluoranthene
Concen: 3.726 ng/ul
RT: 18.98 min Scan# 4126
Delta R.T. 0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:202 Resp: 249722

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.5
100	8.6	0.0	28.9





#17
Pyrene
Concen: 3.830 ng/ul
RT: 19.34 min Scan# 4204
Delta R.T. 0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:202 Resp: 189648

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.9	16.3
100	11.3	9.0	13.6

Instrument :
BNA_N
ClientSampleId :
C0BW2

Manual Integrations APPROVED
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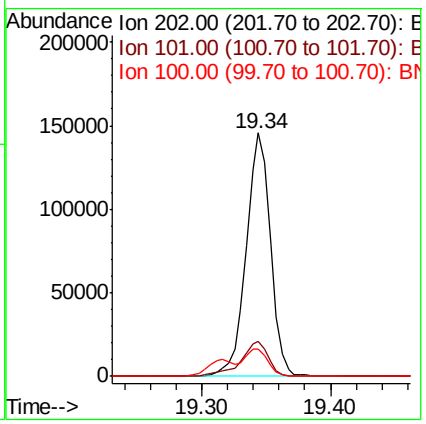
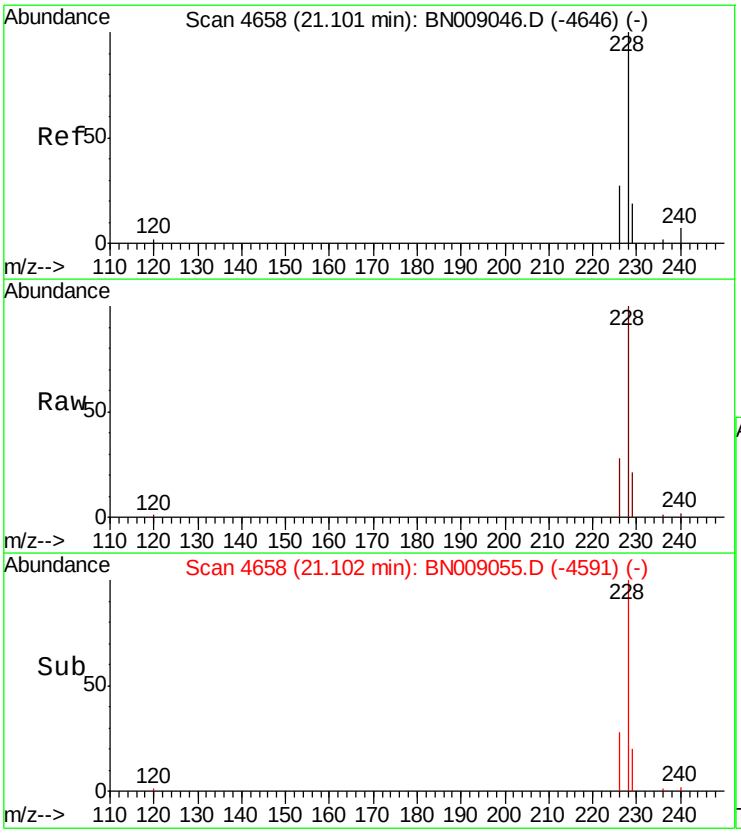
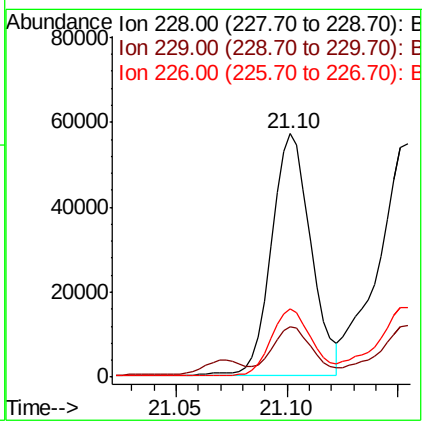


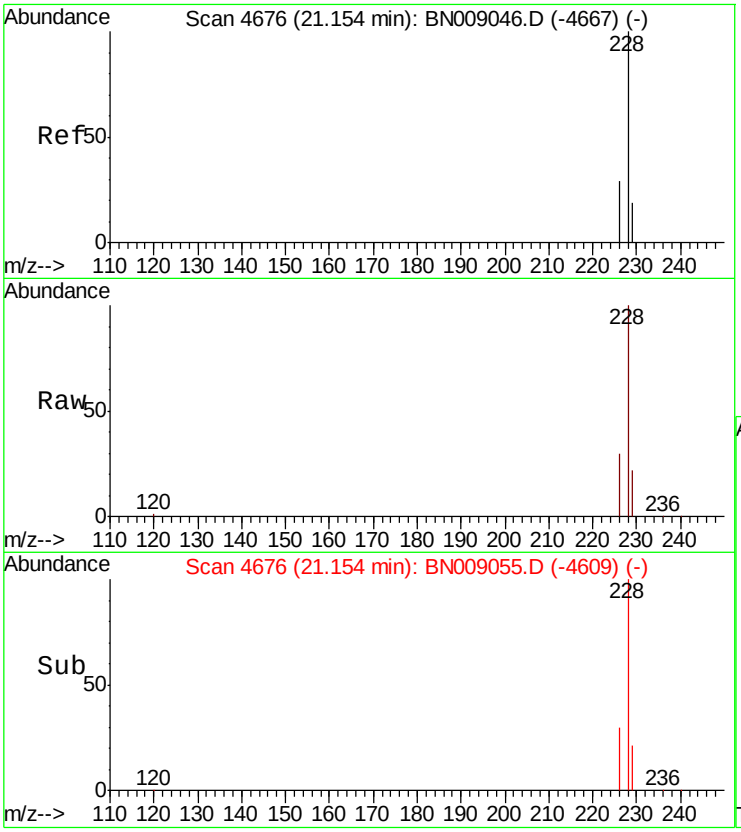


#18
Benzo(a)anthracene
Concen: 1.616 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:228 Resp: 69652

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.5	23.3
226	28.0	21.7	32.5

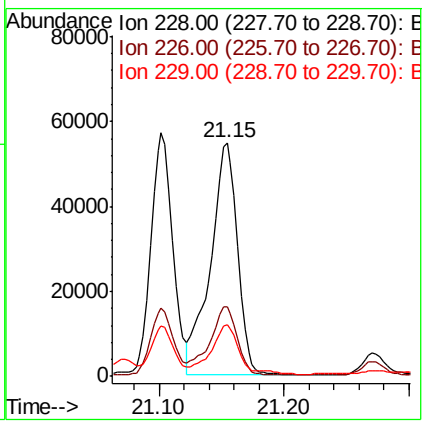




#19
Chrysene
Concen: 1.908 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:228 Resp: 82646

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	22.0	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0BW2

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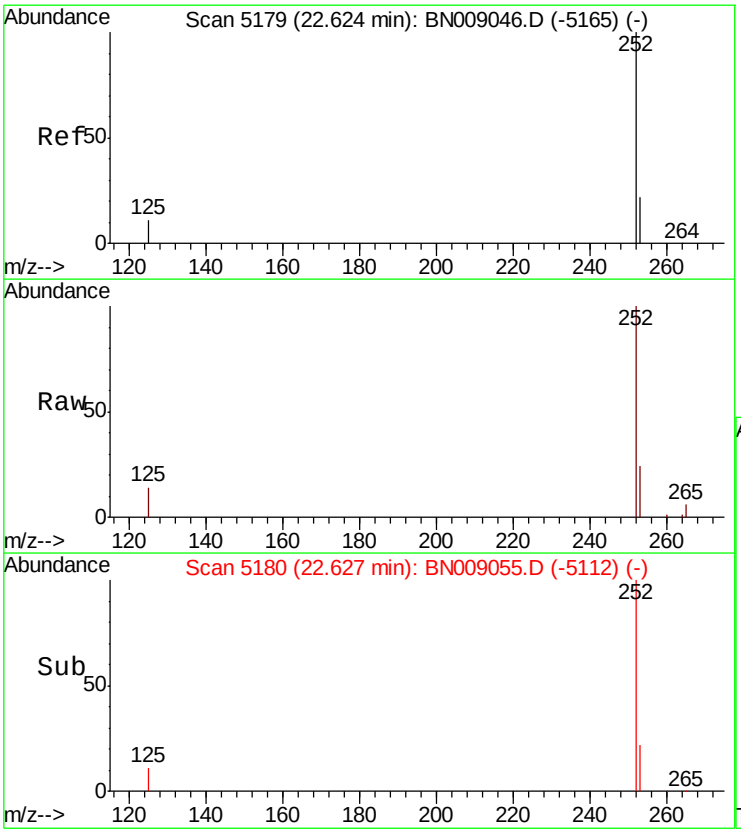
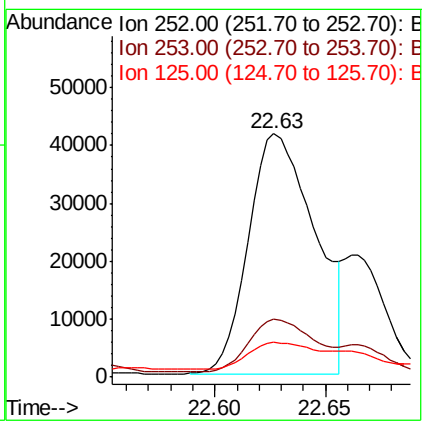
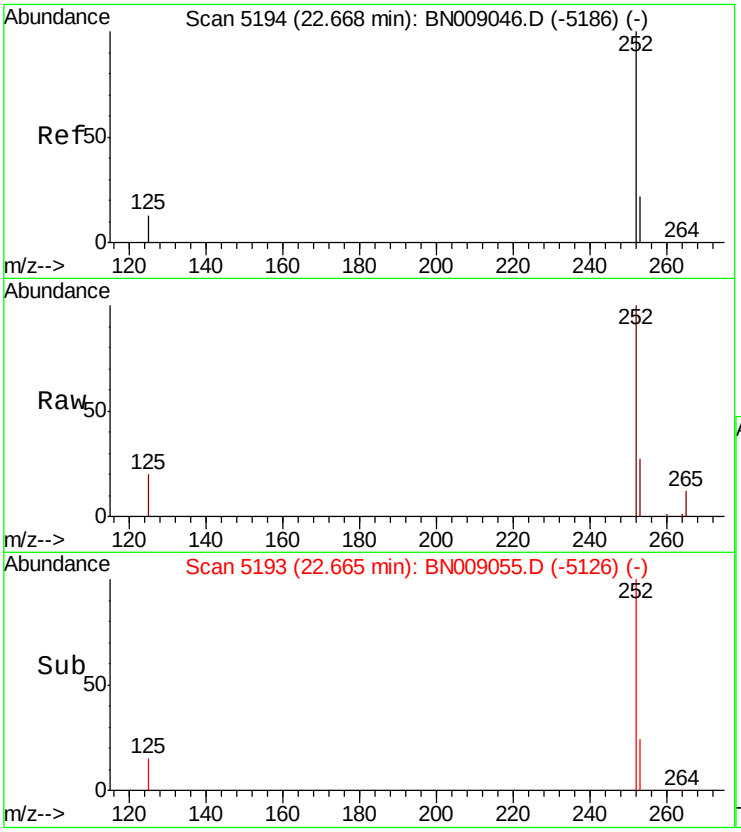


#21
Benzo(b)fluoranthene
Concen: 2.218 ng/ul m
RT: 22.63 min Scan# 5180
Delta R.T. 0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:252 Resp: 86522

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	48.2
125	14.3	0.0	30.0





#22
Benzo(k)fluoranthene
Concen: 0.666 ng/ul m
RT: 22.66 min Scan# 5193
Delta R.T. -0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:252 Resp: 26194

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.4	29.0
125	20.3	12.4	18.6#

Instrument :
BNA_N
ClientSampleId :
C0BW2

Manual Integrations APPROVED
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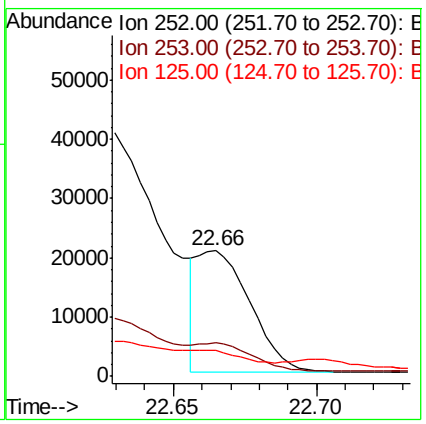
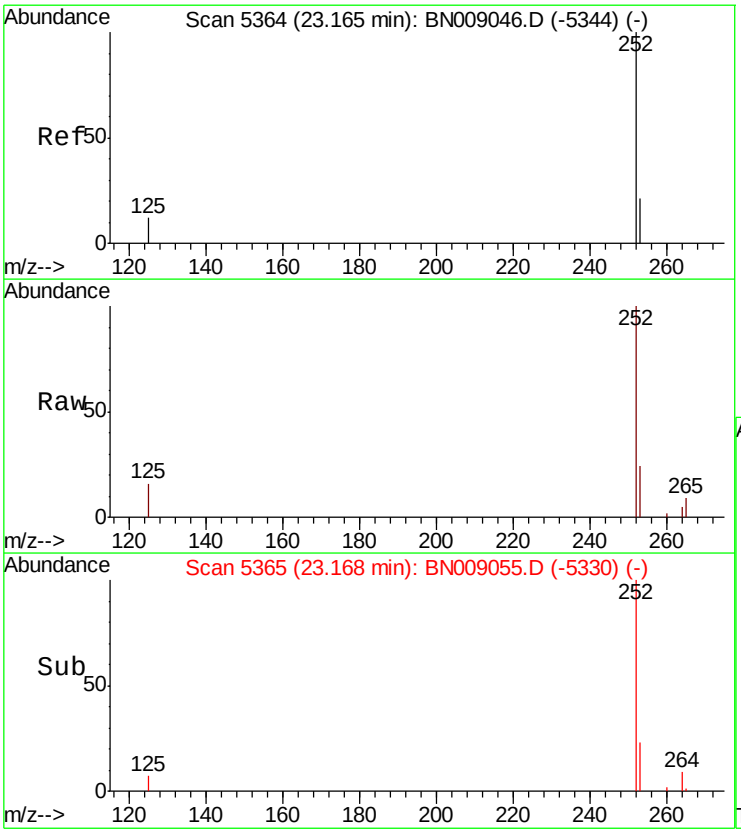
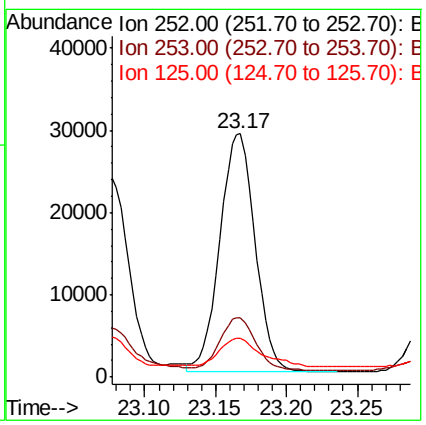


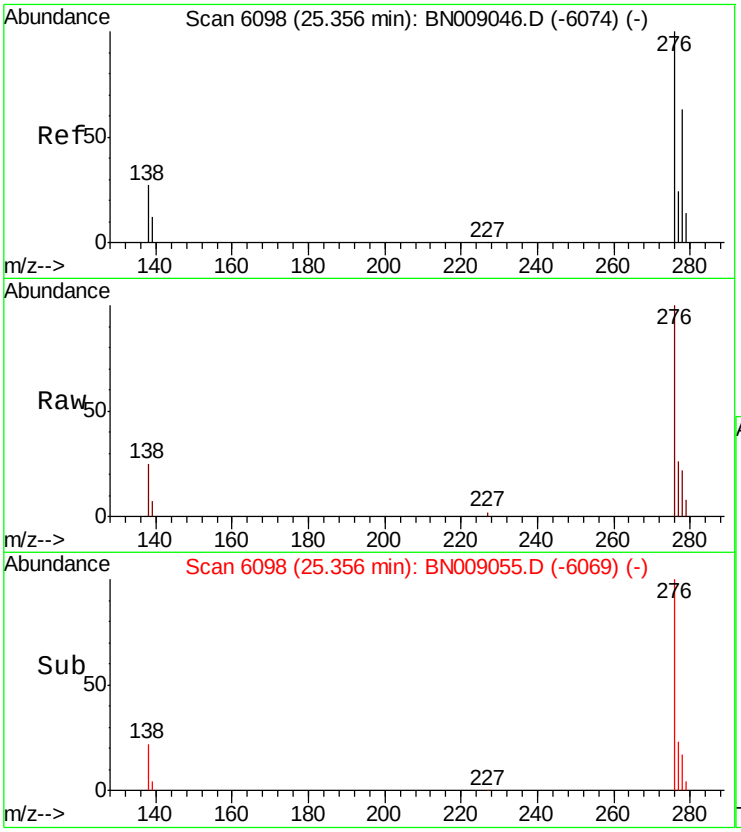


#23
Benzo(a)pyrene
Concen: 1.465 ng/ul
RT: 23.17 min Scan# 5365
Delta R.T. 0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:252 Resp: 50084

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.2	30.4
125	15.9	13.2	19.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.989 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:276 Resp: 36836

Ion	Ratio	Lower	Upper
276	100		
138	23.2	22.4	33.6
227	0.3	0.2	0.4

Instrument :
BNA_N
ClientSampleId :
C0BW2

Manual Integrations APPROVED
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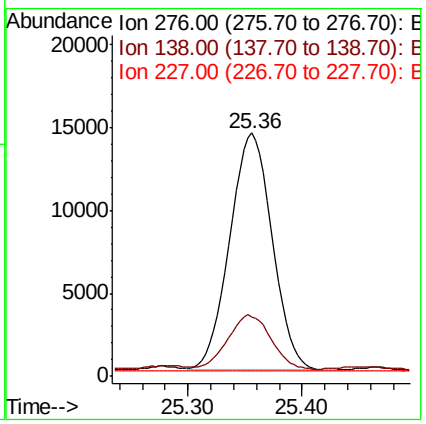
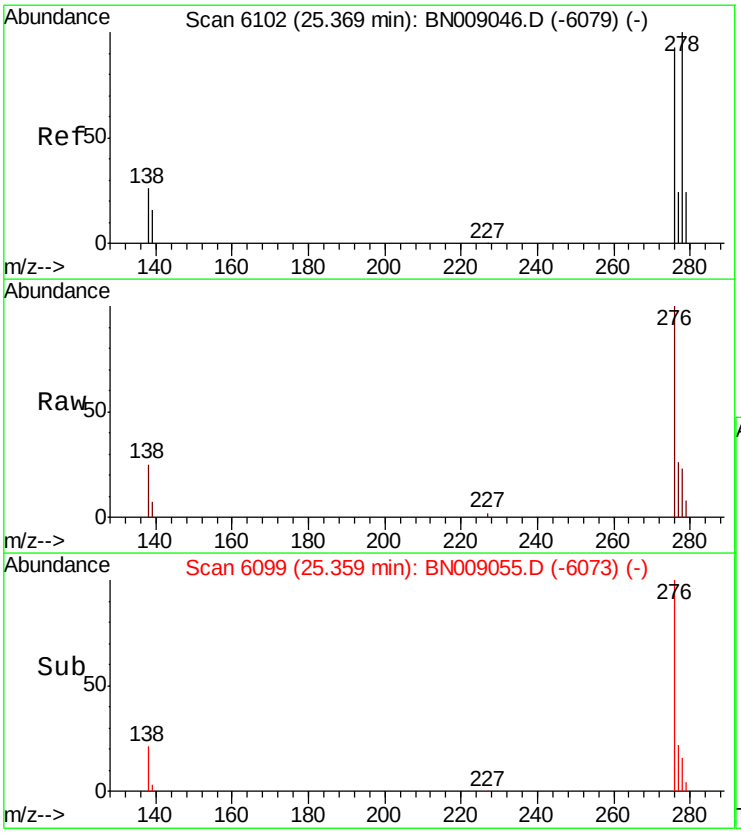
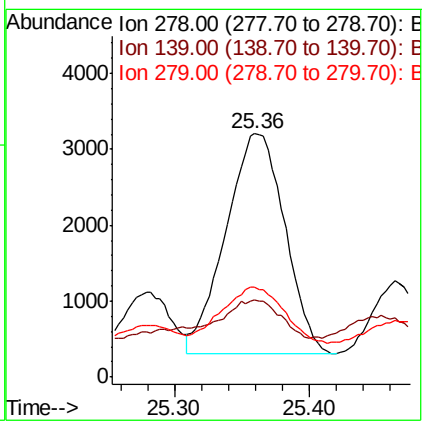


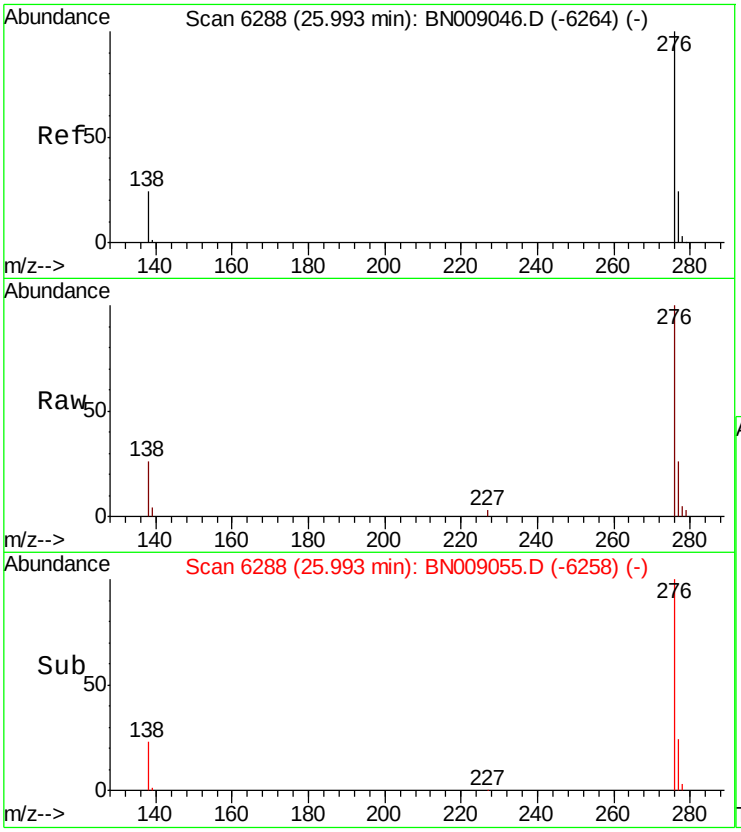


#25
Dibenzo(a,h)anthracene
Concen: 0.299 ng/ul
RT: 25.36 min Scan# 6099
Delta R.T. -0.01 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:278 Resp: 8875

Ion	Ratio	Lower	Upper
278	100		
139	31.8	16.2	24.2#
279	36.8	20.3	30.5#

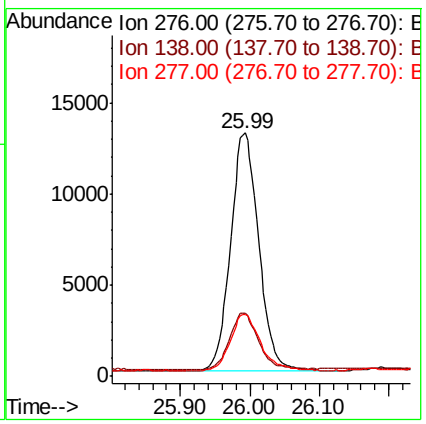




#26
Benzo(g,h,i)perylene
Concen: 1.183 ng/ul
RT: 25.99 min Scan# 6288
Delta R.T. 0.00 min
Lab File: BN009055.D
Acq: 20 Dec 2019 06:46

Tgt Ion:276 Resp: 37094

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	30.8
277	25.6	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0BW2

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:05 PM