Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009047.D
Acq On : 20 Dec 2019 02:01
Operator : JU
Sample : K6171-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 20 06:18:54 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 : C0BS0

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	2837	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	11261	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	6654	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	13968	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	8958	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	7517	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	3483	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	7801	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.34	128	2668	0.078	ng/ul#	94
5) 2-Methylnaphthalene	11.96	142	1988	0.077	ng/ul	100
7) Acenaphthylene	13.88	152	6024	0.172	ng/ul	96
8) Acenaphthene	14.23	153	2286	0.083	ng/ul	98
9) Fluorene	15.22	166	5705	0.176	ng/ul	99
12) Phenanthrene	16.95	178	144248	2.970	ng/ul	100
13) Anthracene	17.04	178	26301	0.604	ng/ul	100
15) Fluoranthene	18.98	202	259179	4.665	ng/ul	99
17) Pyrene	19.34	202	194853	4.264	ng/ul	98
18) Benzo(a)anthracene	21.10	228	78655	1.977	ng/ul	98
19) Chrysene	21.15	228	73633	1.842	ng/ul	98
21) Benzo(b)fluoranthene	22.62	252	82751m	2.358	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	27022m	0.764	ng/ul	
23) Benzo(a)pyrene	23.16	252	51753	1.683	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.35	276	34136	1.019	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.36	278	7759	0.291	ng/ul#	87
26) Benzo(g,h,i)perylene	25.99	276	34004	1.205	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009047.D
Acq On : 20 Dec 2019 02:01
Operator : JU
Sample : K6171-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 20 06:18:54 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 :
C0BS0

Manual Integrations APPROVED
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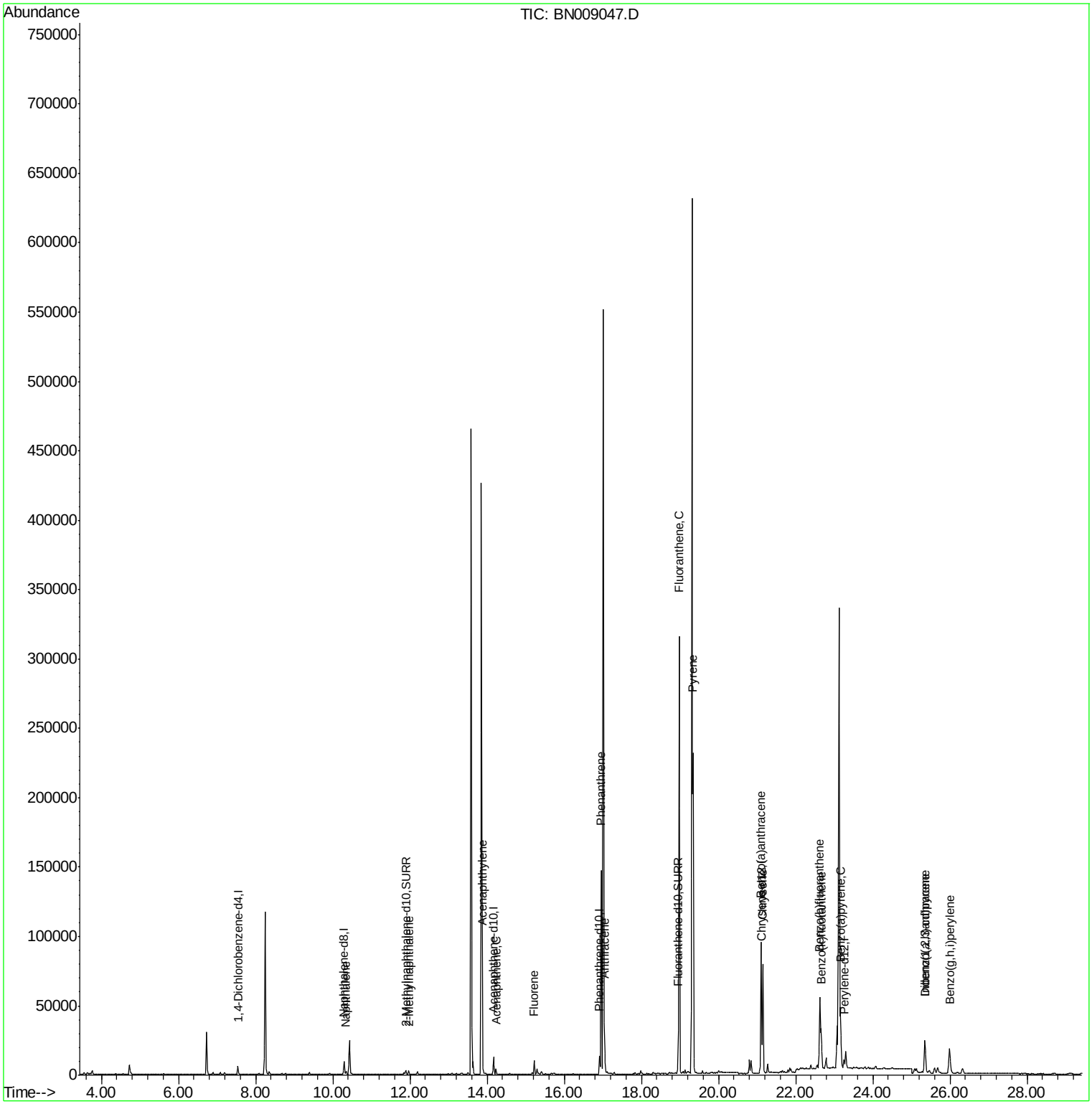

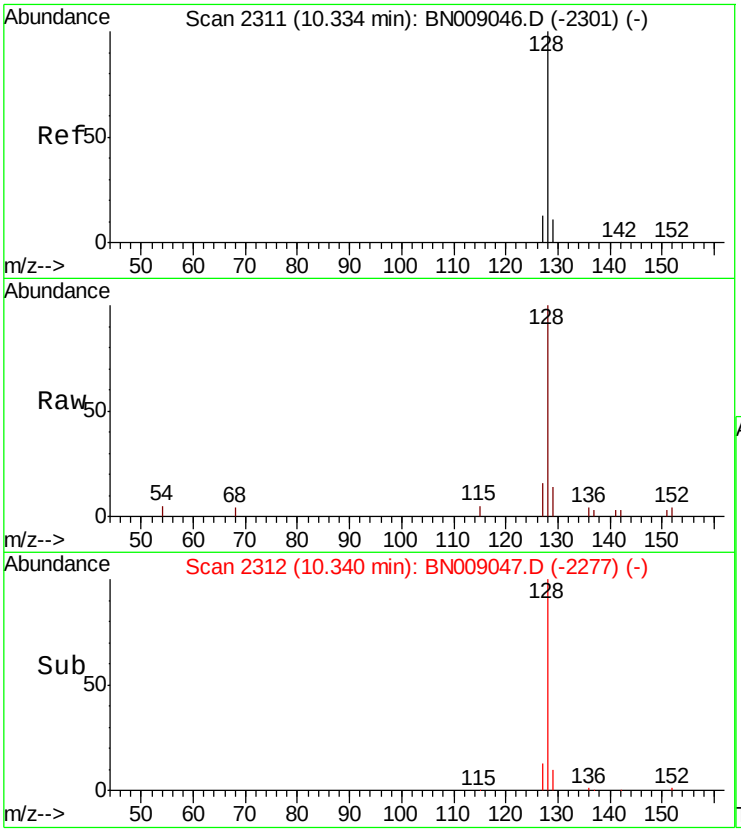

#3
Naphthalene
Concen: 0.078 ng/ul
RT: 10.34 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:128 Resp: 2668

Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.0	13.4#
127	15.6	10.9	16.3

Instrument :
BNA_N
ClientSampleId :
C0BS0

Manual Integrations APPROVED
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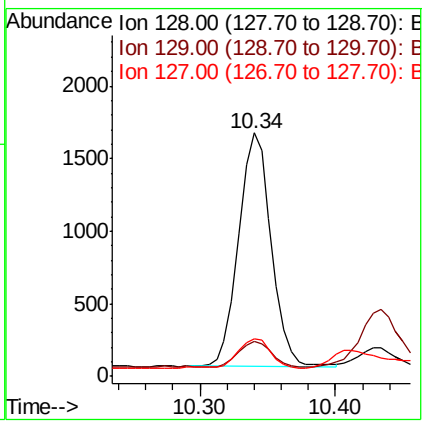
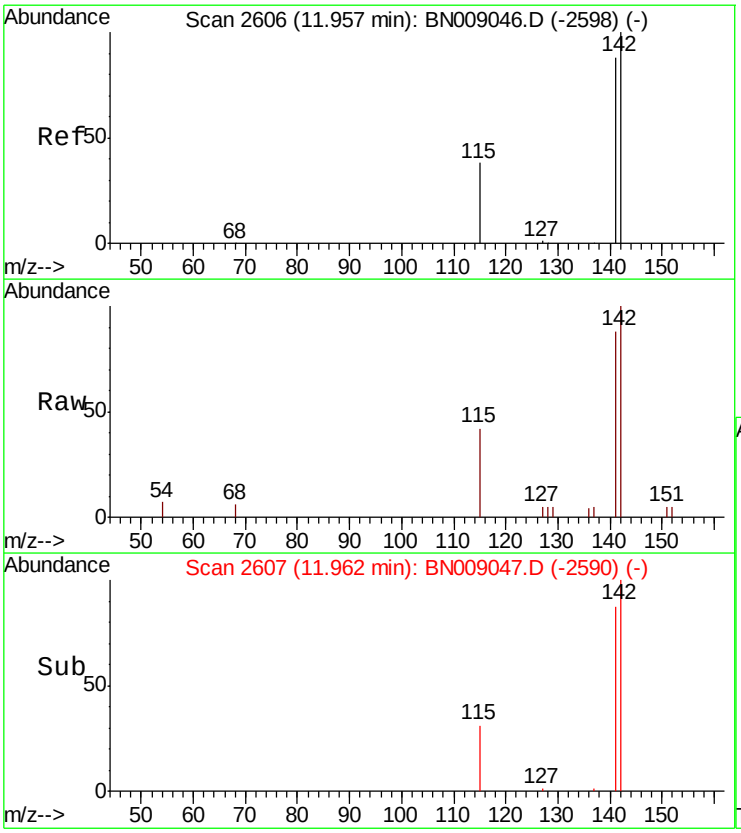
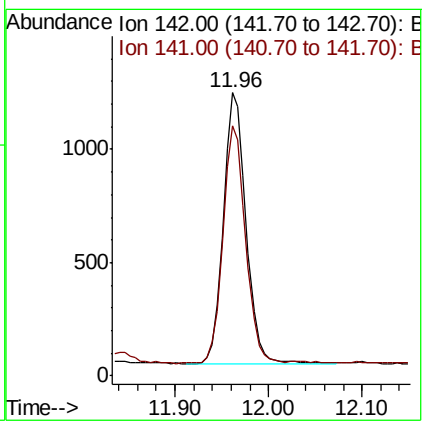


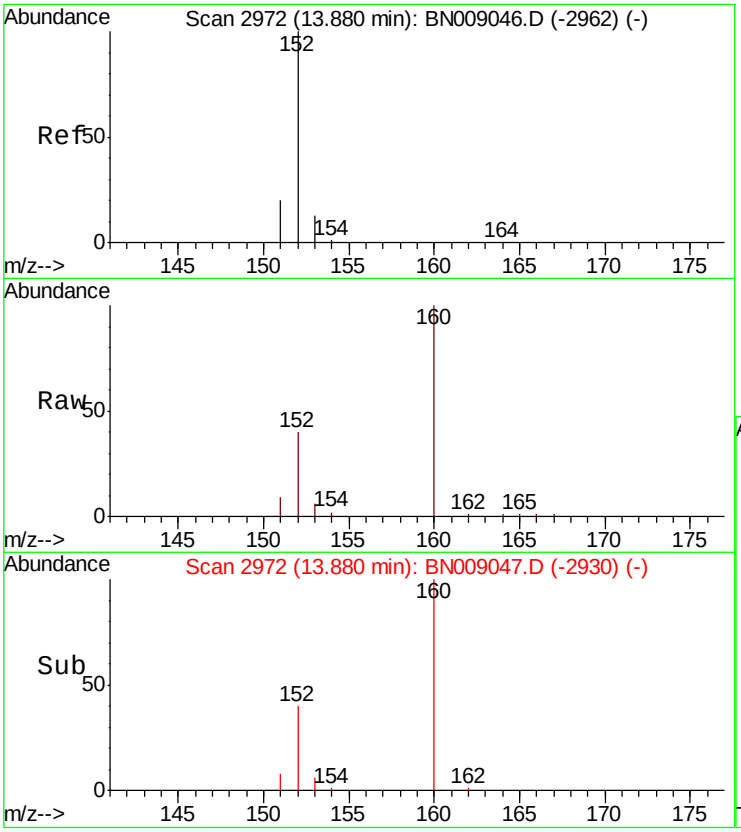


#5
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 11.96 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:142 Resp: 1988

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.2	105.4

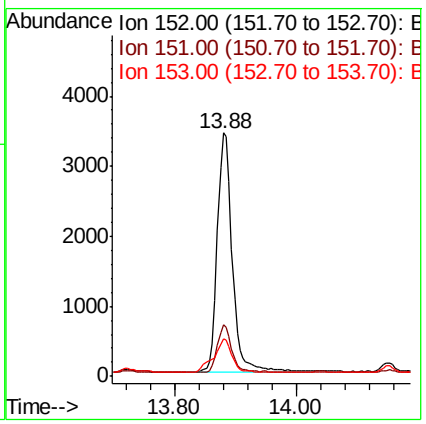




#7
Acenaphthylene
Concen: 0.172 ng/ul
RT: 13.88 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:152 Resp: 6024

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.7	23.5
153	15.2	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0BS0

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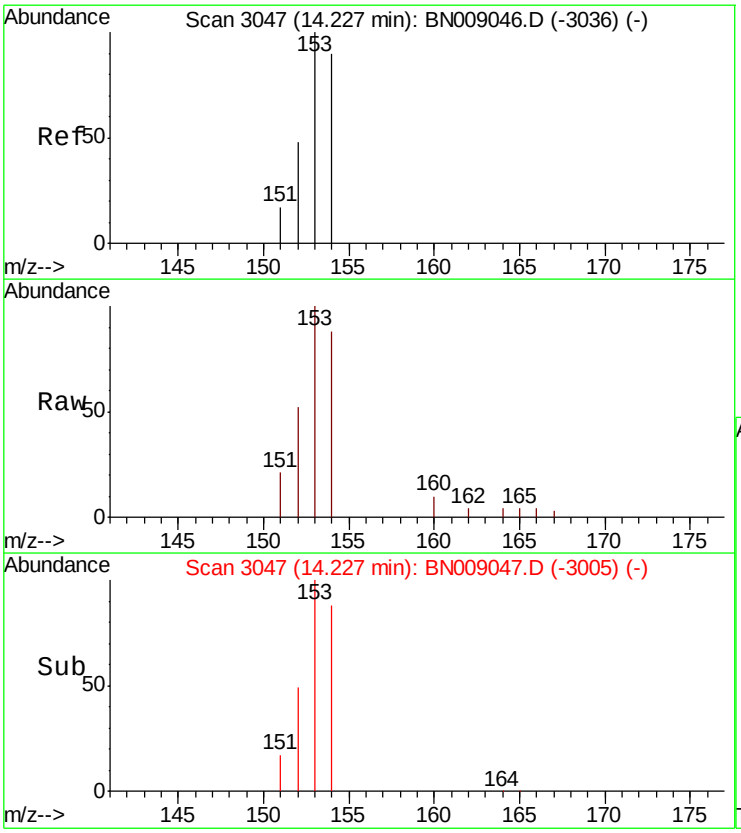
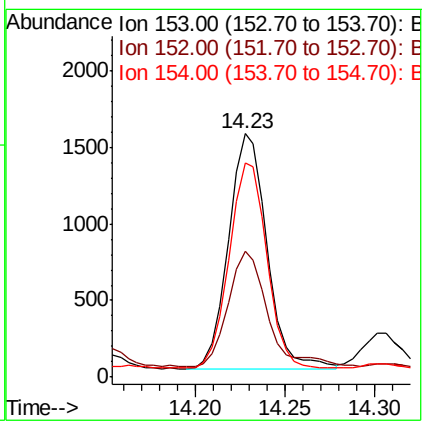
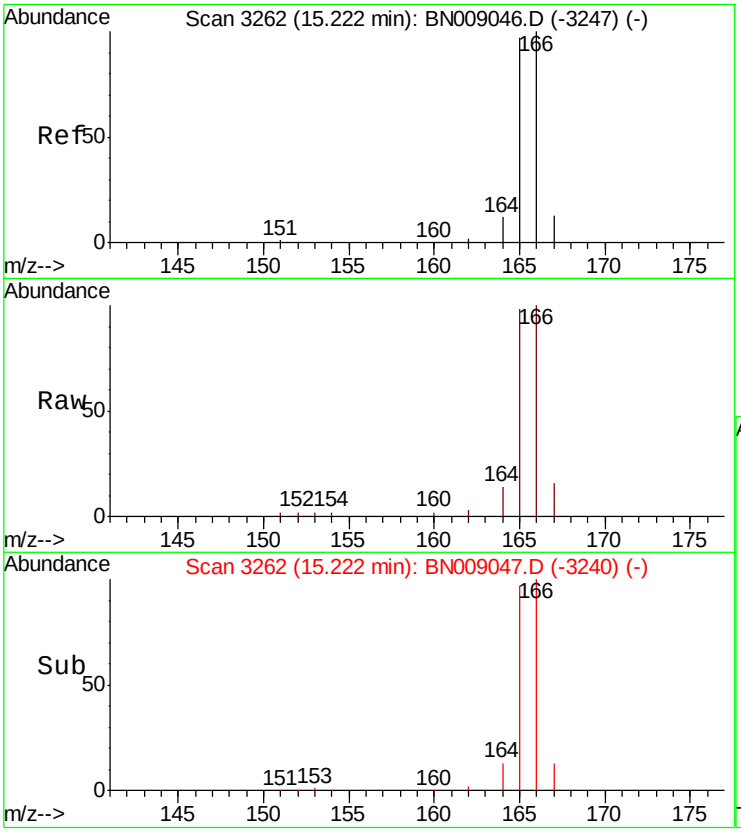


#8
Acenaphthene
Concen: 0.083 ng/ul
RT: 14.23 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:153 Resp: 2286

Ion	Ratio	Lower	Upper
153	100		
152	51.8	39.5	59.3
154	88.0	71.3	106.9

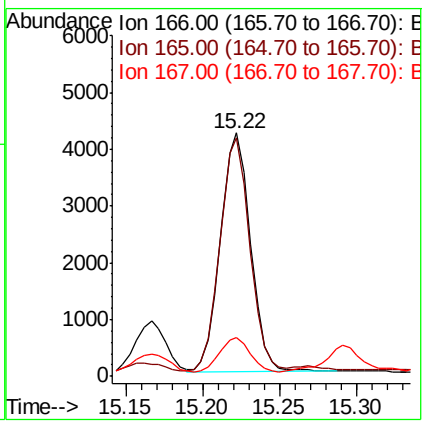




#9
Fluorene
Concen: 0.176 ng/ul
RT: 15.22 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:166 Resp: 5705

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.4
167	15.8	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
C0BS0

Manual Integrations APPROVED
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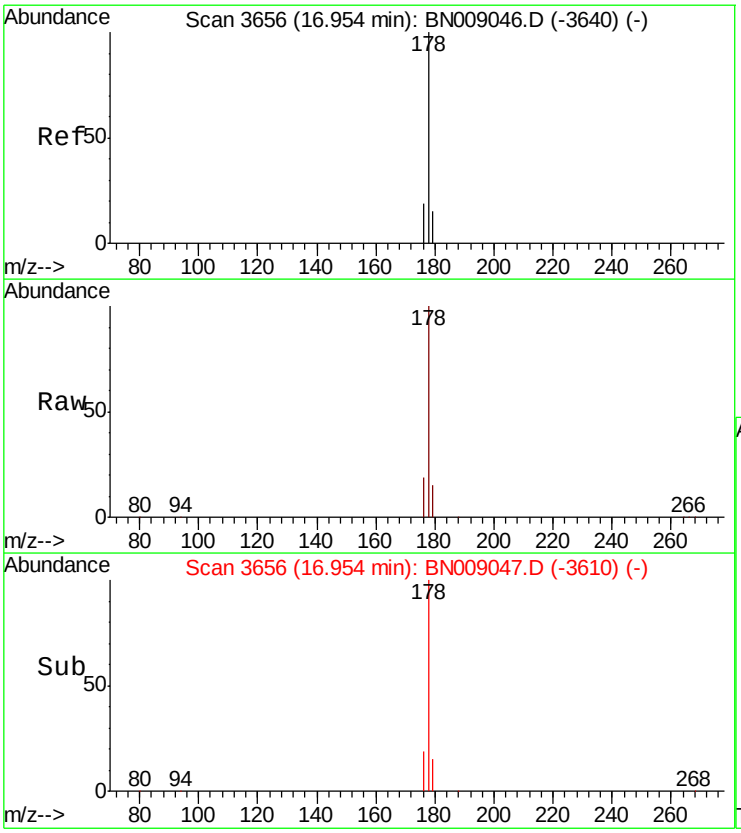
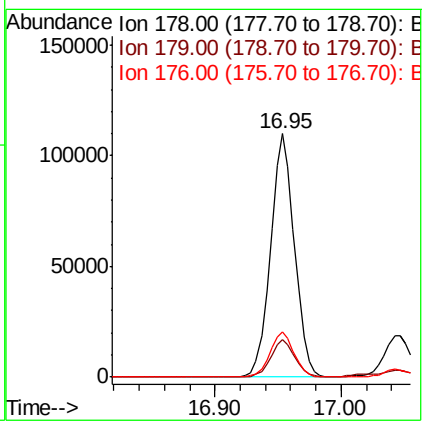
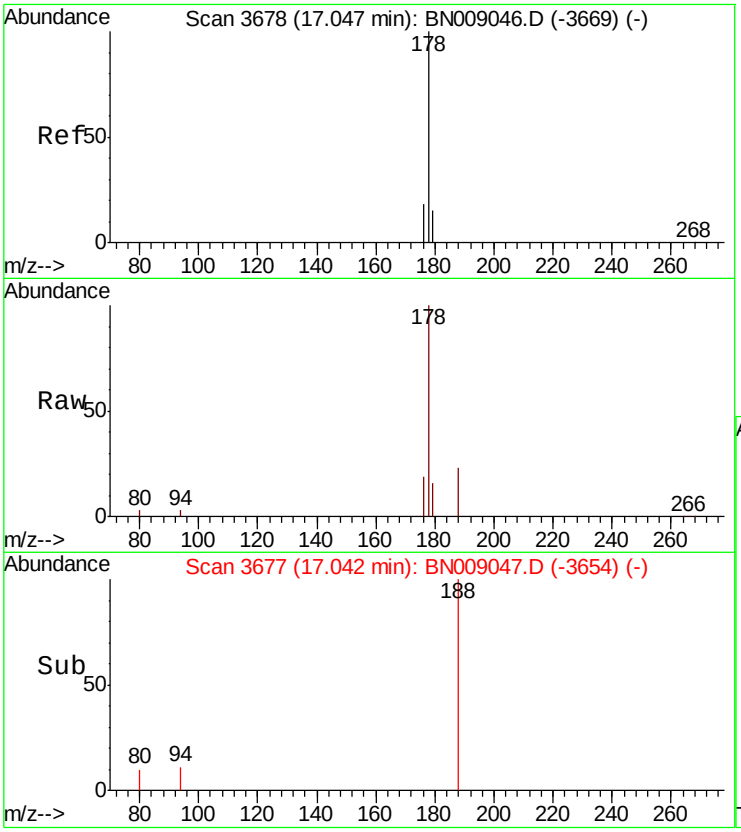


#12
Phenanthrene
Concen: 2.970 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:178 Resp: 144248

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.7	15.1	22.7

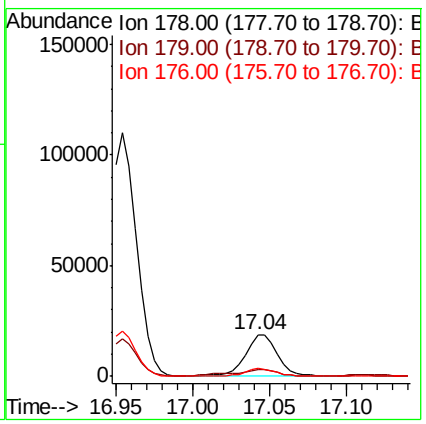




#13
Anthracene
Concen: 0.604 ng/ul
RT: 17.04 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:178 Resp: 26301

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	18.7	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0BS0

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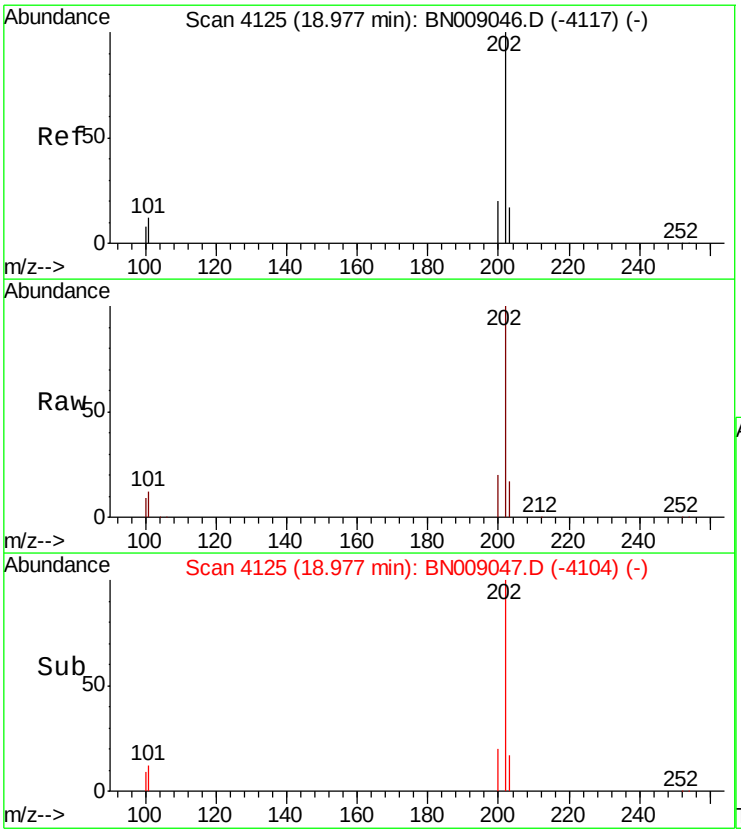
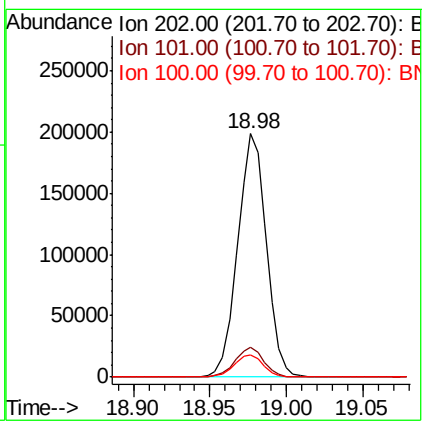
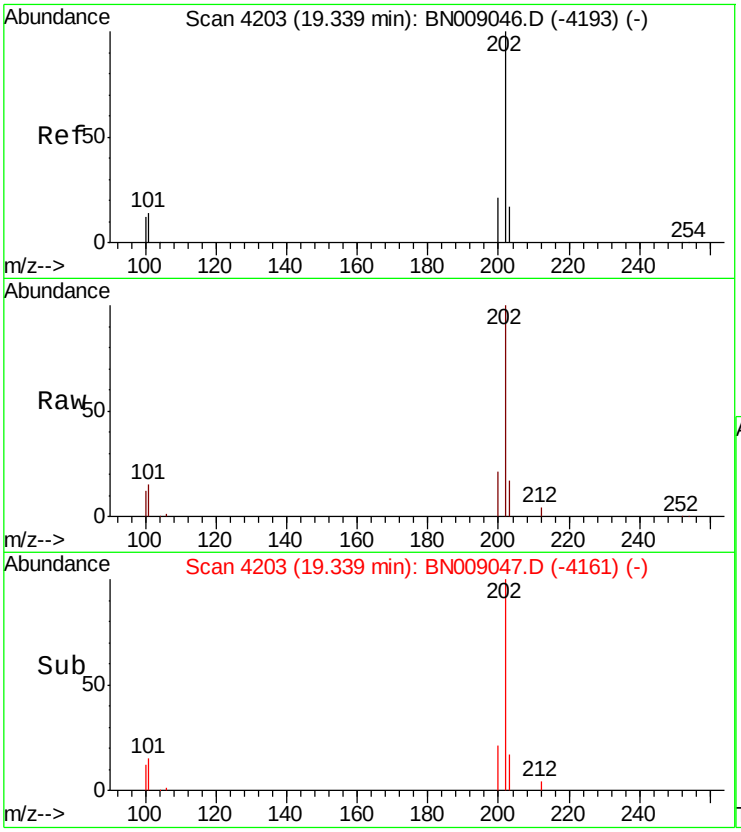


#15
Fluoranthene
Concen: 4.665 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:202 Resp: 259179

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
100	9.3	0.0	28.9

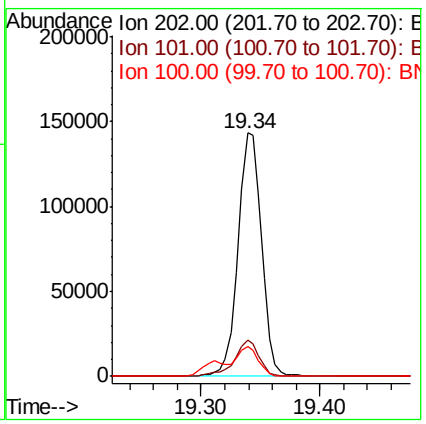




#17
Pyrene
Concen: 4.264 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:202 Resp: 194853

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.9	16.3
100	12.0	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
C0BS0

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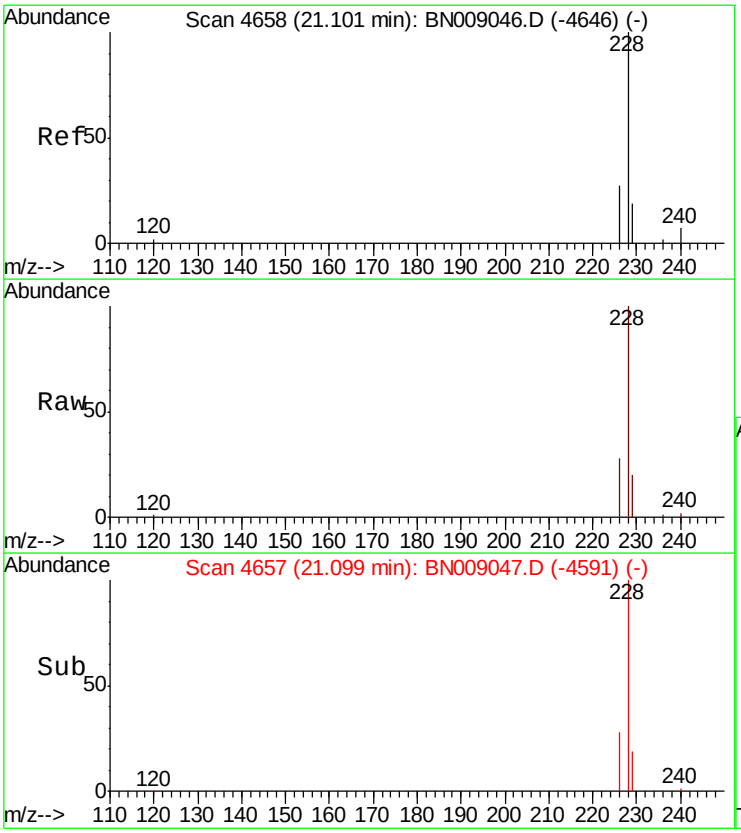
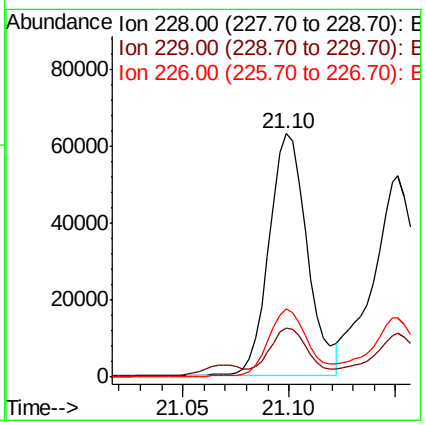
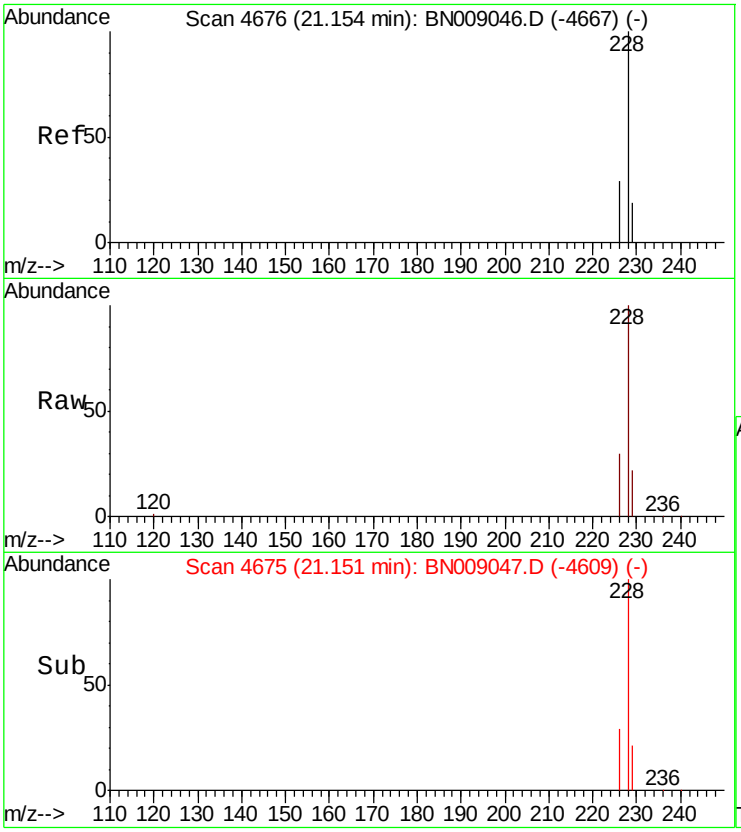


#18
Benzo(a)anthracene
Concen: 1.977 ng/ul
RT: 21.10 min Scan# 4657
Delta R.T. -0.01 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:228 Resp: 78655

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.5	23.3
226	28.0	21.7	32.5

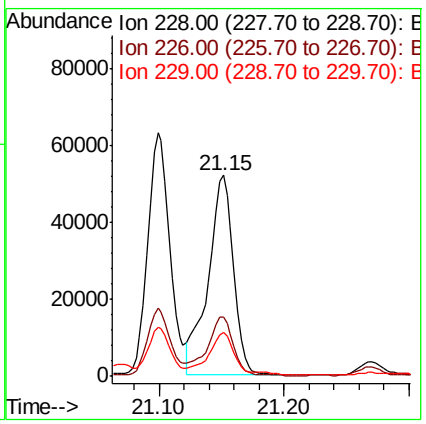




#19
Chrysene
Concen: 1.842 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:228 Resp: 73633

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	21.9	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0BS0

Manual Integrations APPROVED
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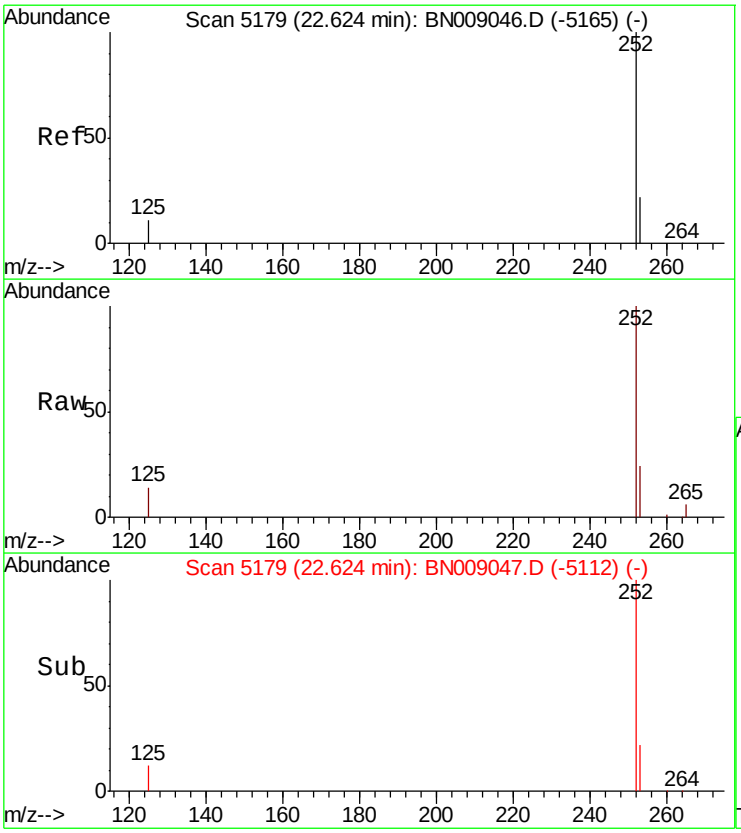
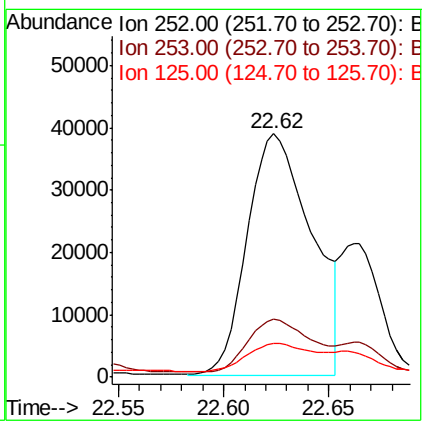
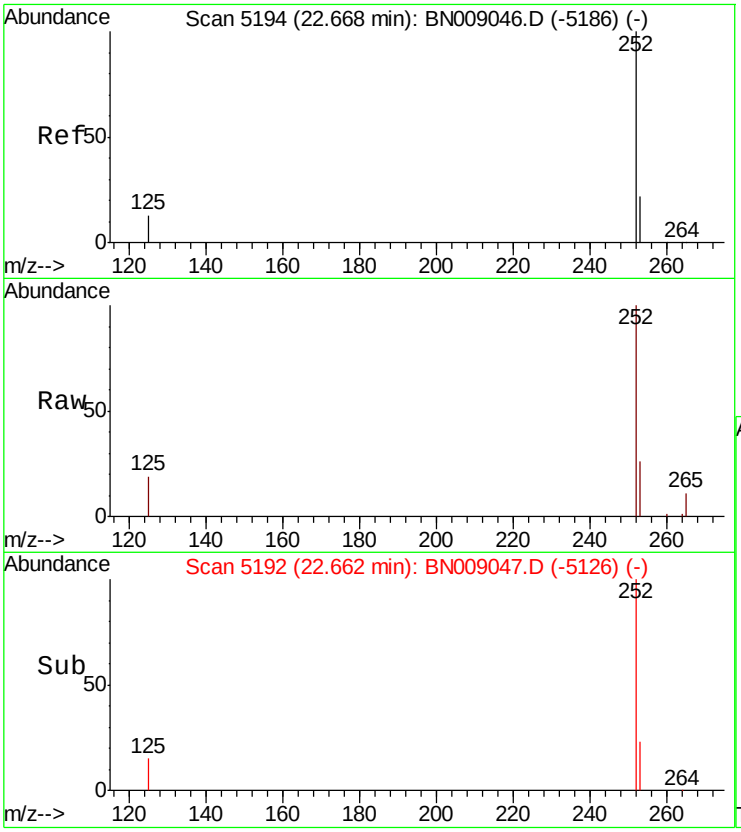


#21
Benzo(b)fluoranthene
Concen: 2.358 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:252 Resp: 82751

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	48.2
125	13.8	0.0	30.0





#22
Benzo(k)fluoranthene
Concen: 0.764 ng/ul m
RT: 22.66 min Scan# 5192
Delta R.T. -0.01 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:252 Resp: 27022

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.4	29.0
125	18.9	12.4	18.6#

Instrument :
BNA_N
ClientSampleId :
C0BS0

Manual Integrations APPROVED
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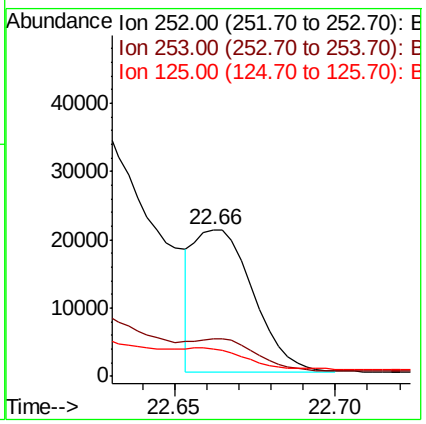
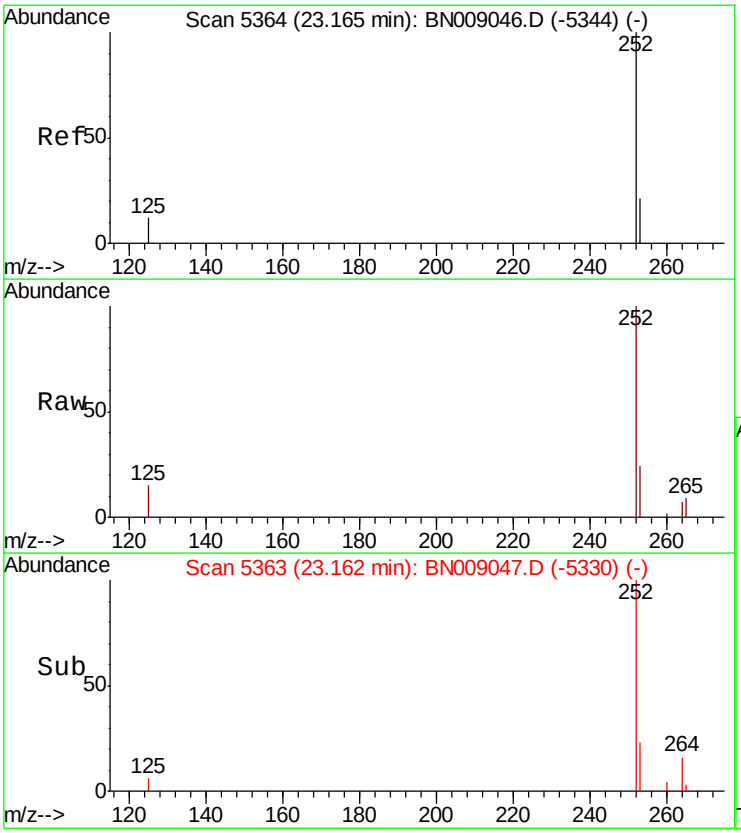
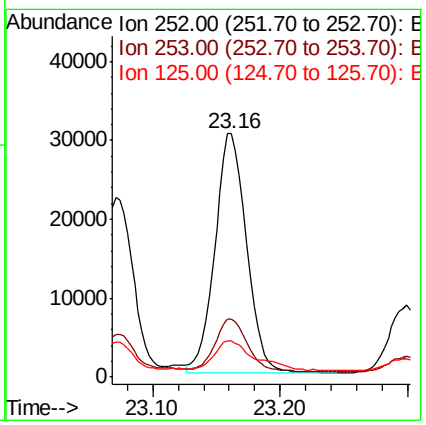


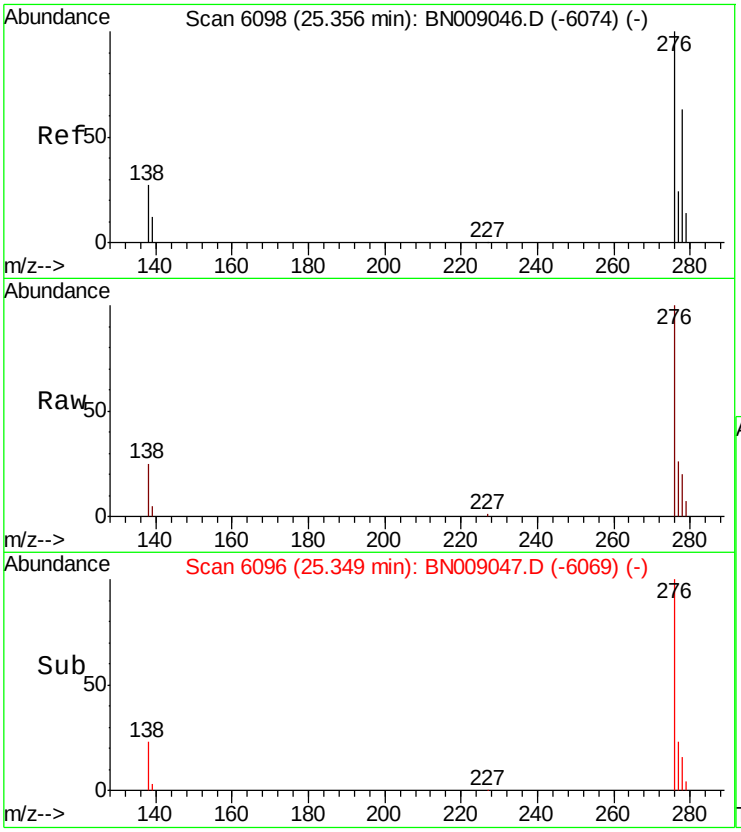


#23
Benzo(a)pyrene
Concen: 1.683 ng/ul
RT: 23.16 min Scan# 5363
Delta R.T. -0.00 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:252 Resp: 51753

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.2	30.4
125	15.0	13.2	19.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.019 ng/ul
RT: 25.35 min Scan# 6096
Delta R.T. -0.01 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:276 Resp: 34136

Ion	Ratio	Lower	Upper
276	100		
138	23.6	22.4	33.6
227	0.2	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0BS0

Manual Integrations APPROVED
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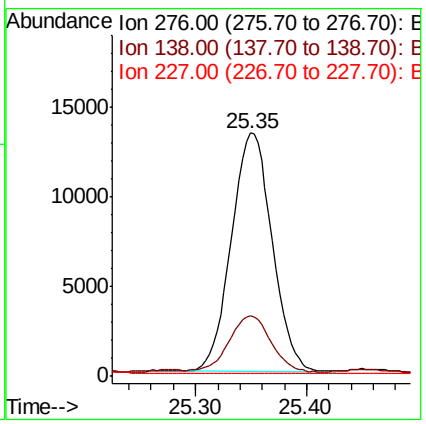
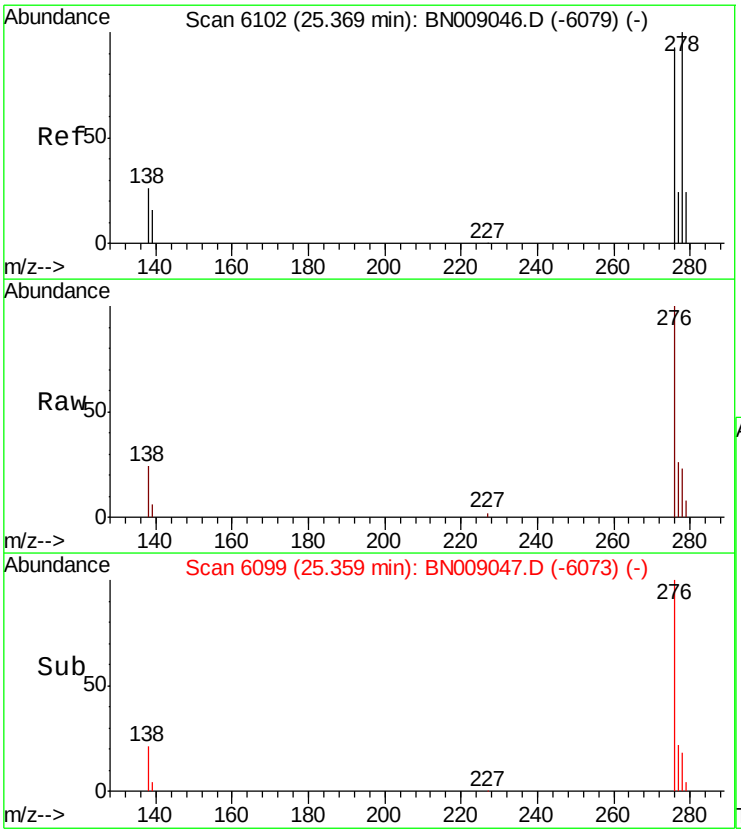
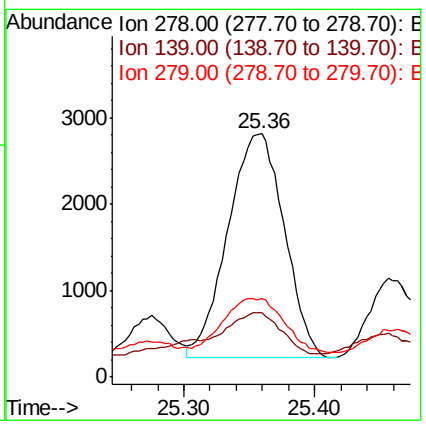


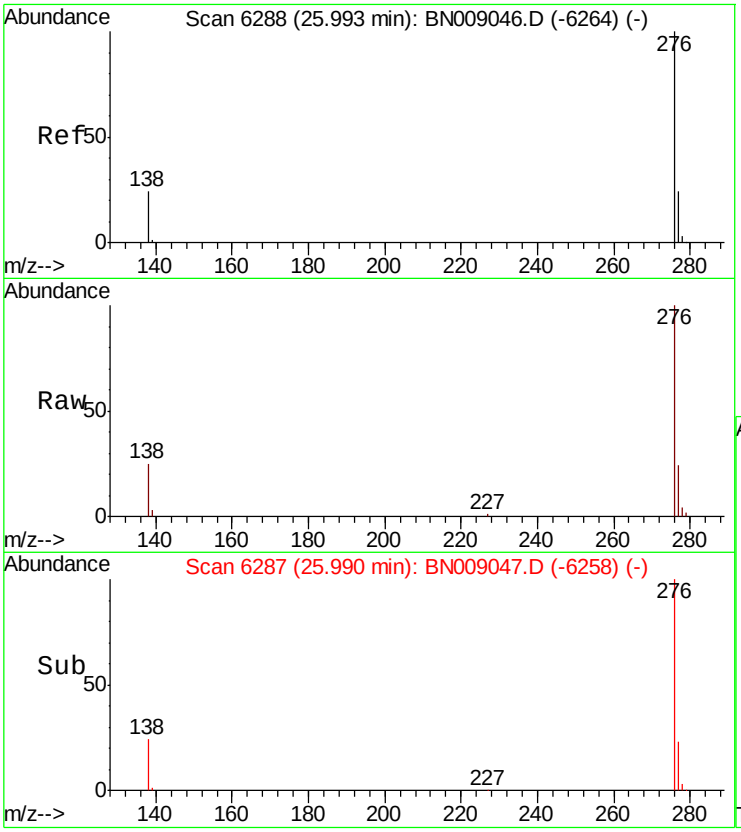


#25
Dibenzo(a,h)anthracene
Concen: 0.291 ng/ul
RT: 25.36 min Scan# 6099
Delta R.T. -0.01 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:278 Resp: 7759

Ion	Ratio	Lower	Upper
278	100		
139	26.4	16.2	24.2#
279	32.2	20.3	30.5#

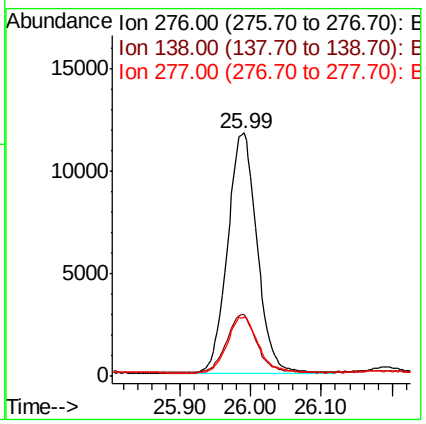




#26
Benzo(g,h,i)perylene
Concen: 1.205 ng/ul
RT: 25.99 min Scan# 6287
Delta R.T. -0.00 min
Lab File: BN009047.D
Acq: 20 Dec 2019 02:01

Tgt Ion:276 Resp: 34004

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.6	30.8
277	24.1	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0BS0

Manual Integrations APPROVED
Sohil
12/20/2019 4:29:57 PM