Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009059.D
Acq On : 20 Dec 2019 09:08
Operator : JU
Sample : K6171-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 20 11:13:07 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 : C0BY9

Manual Integrations APPROVED
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12/20/2019 4:30:09 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	15410	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8472	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	17248	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9131	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8254	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	4634	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	9603	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.34	128	1692	0.036	ng/ul#	89
5) 2-Methylnaphthalene	11.96	142	1285	0.036	ng/ul	100
7) Acenaphthylene	13.88	152	3683	0.083	ng/ul	95
8) Acenaphthene	14.23	153	2380	0.068	ng/ul	98
9) Fluorene	15.22	166	5166	0.125	ng/ul	98
12) Phenanthrene	16.95	178	181931	3.033	ng/ul	100
13) Anthracene	17.05	178	35984	0.669	ng/ul	99
15) Fluoranthene	18.98	202	419561	6.116	ng/ul	98
17) Pyrene	19.34	202	310859	6.673	ng/ul	99
18) Benzo(a)anthracene	21.10	228	133410	3.290	ng/ul	98
19) Chrysene	21.15	228	141482	3.472	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	155188m	4.027	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	59063m	1.520	ng/ul	
23) Benzo(a)pyrene	23.16	252	101490	3.005	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.35	276	72077	1.960	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.36	278	17170	0.586	ng/ul	91
26) Benzo(g,h,i)perylene	25.99	276	68415	2.208	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009059.D
Acq On : 20 Dec 2019 09:08
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Sample : K6171-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 20 11:13:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BY9

Manual Integrations APPROVED
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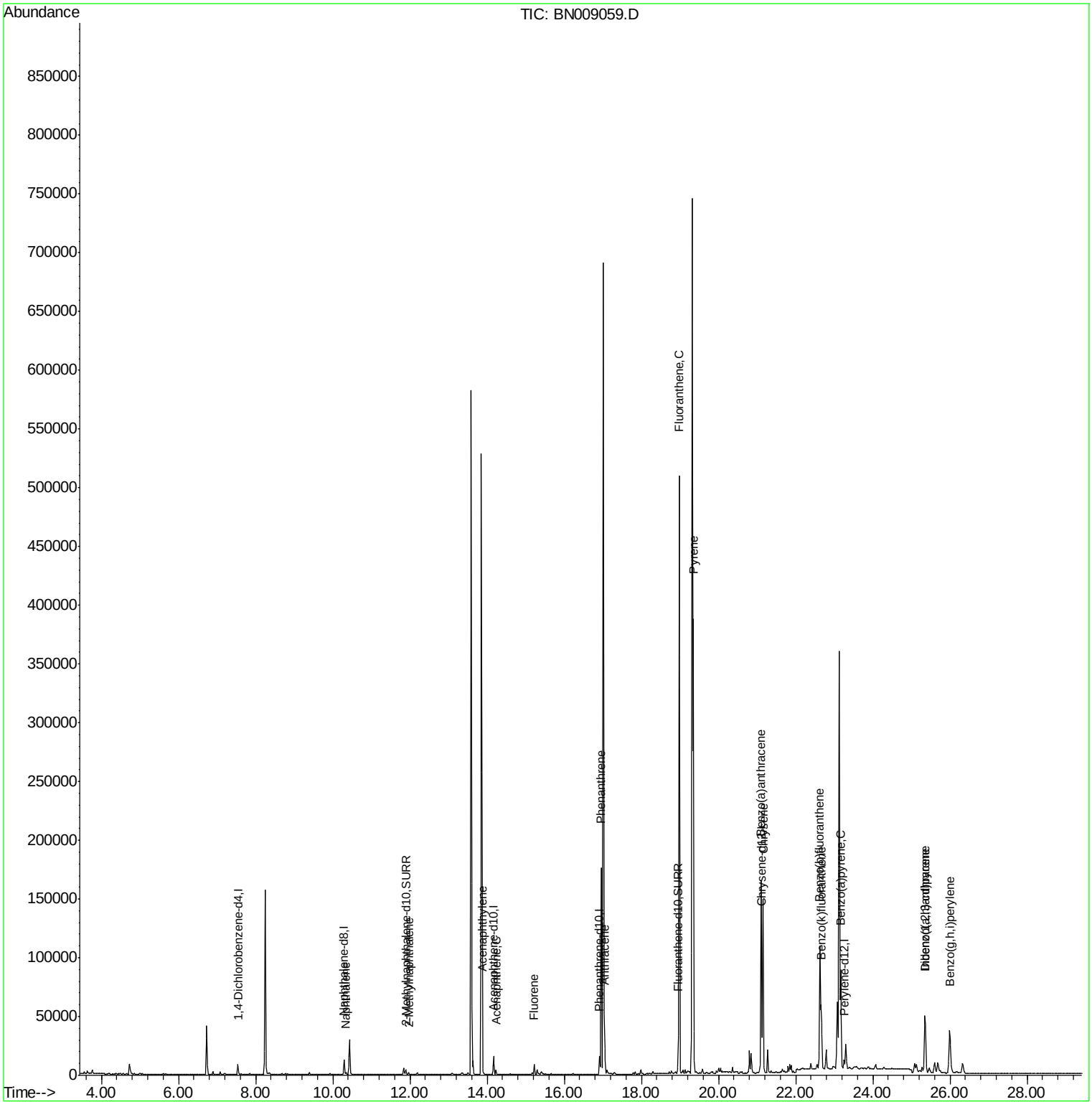

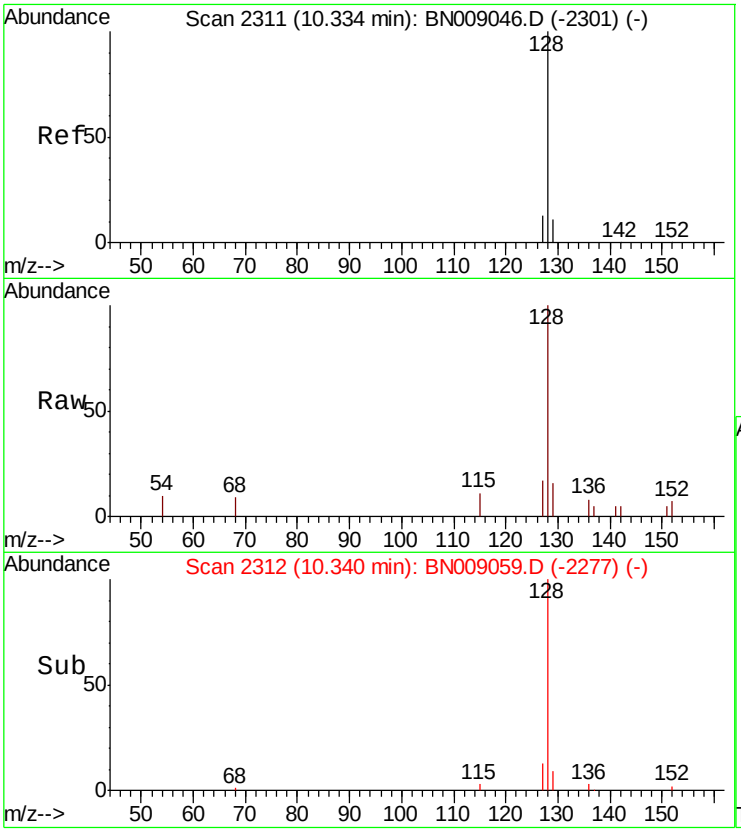

#3
Naphthalene
Concen: 0.036 ng/ul
RT: 10.34 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:128 Resp: 1692

Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.0	13.4#
127	16.8	10.9	16.3#

Instrument :
BNA_N
ClientSampleId :
C0BY9

Manual Integrations APPROVED
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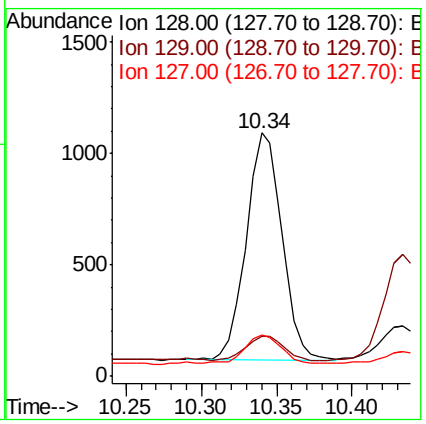
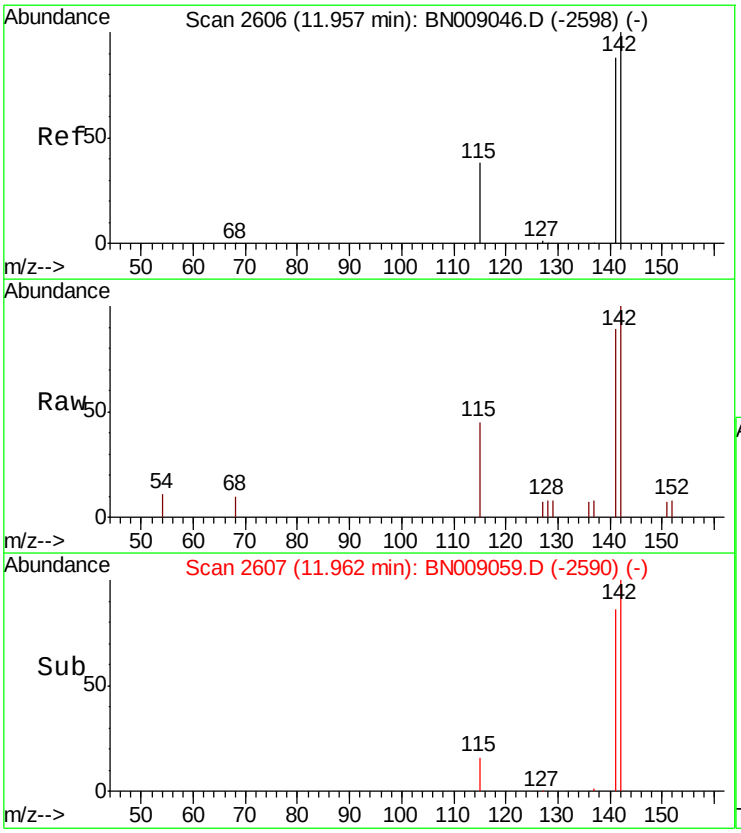
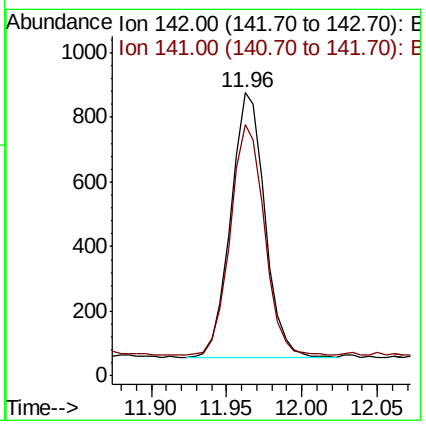


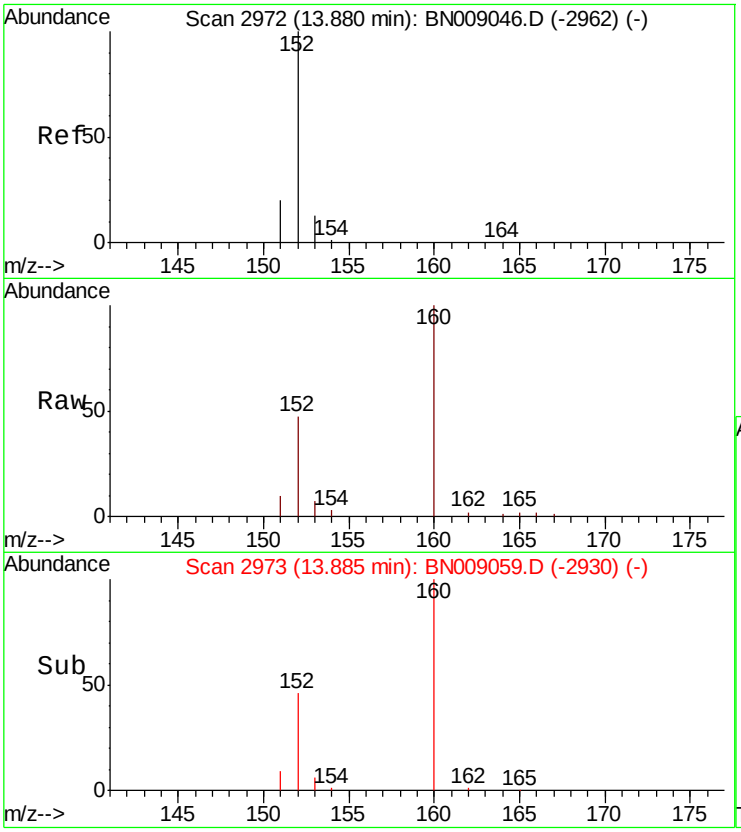


#5
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 11.96 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:142 Resp: 1285

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.2	105.4

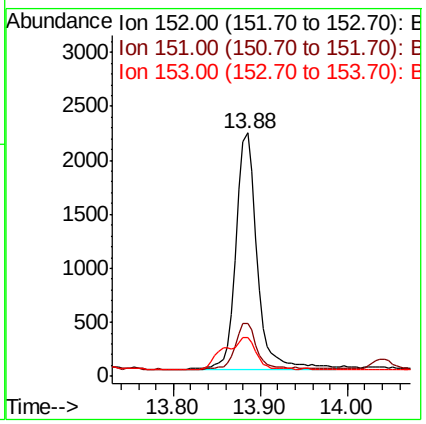




#7
Acenaphthylene
Concen: 0.083 ng/ul
RT: 13.88 min Scan# 2973
Delta R.T. 0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:152 Resp: 3683

Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.7	23.5
153	15.8	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0BY9

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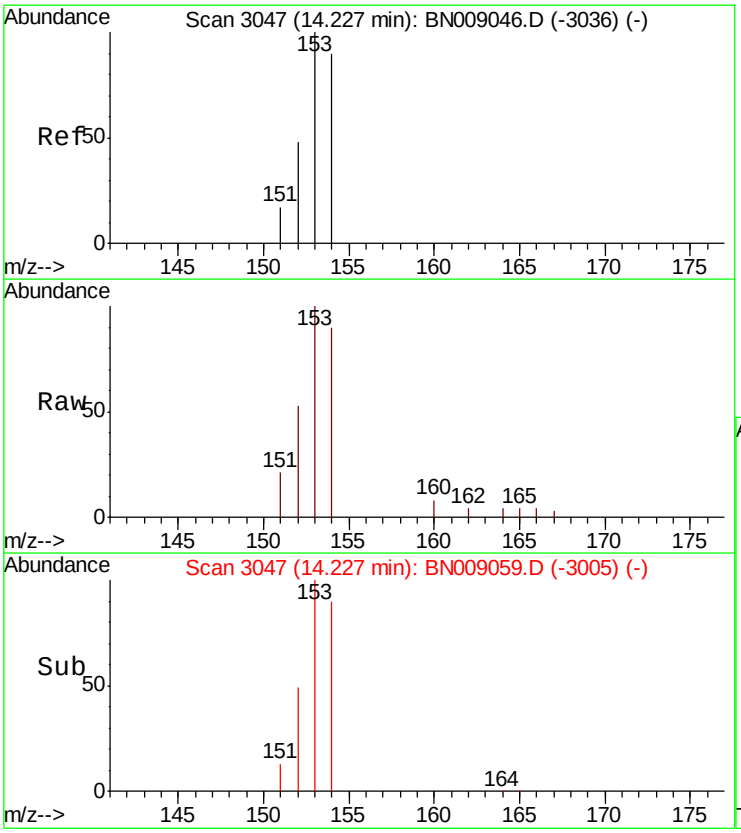
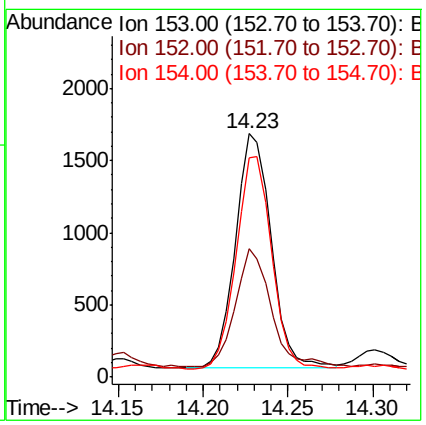
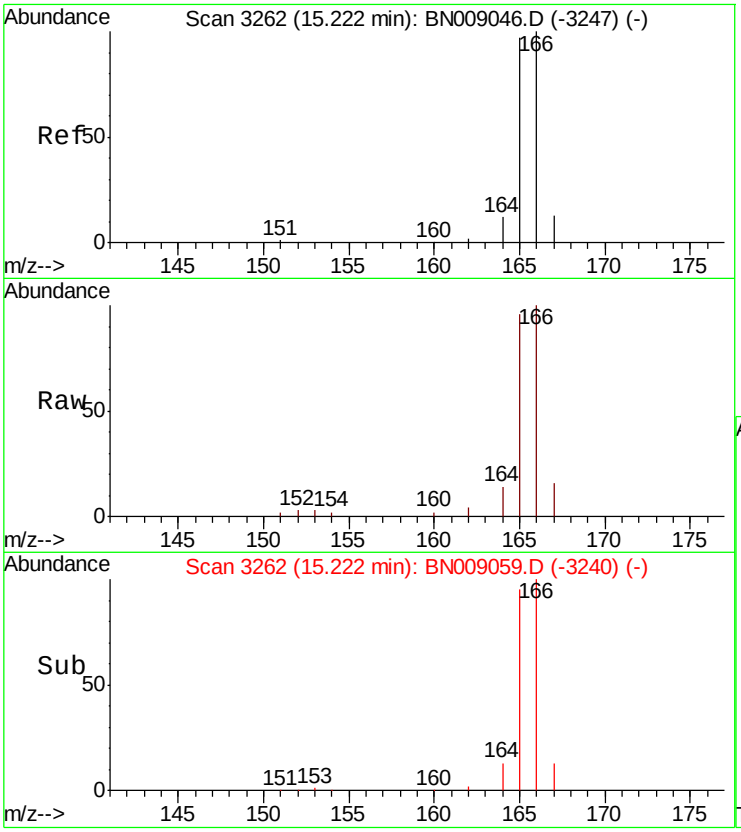


#8
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.23 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:153 Resp: 2380

Ion	Ratio	Lower	Upper
153	100		
152	52.5	39.5	59.3
154	90.1	71.3	106.9

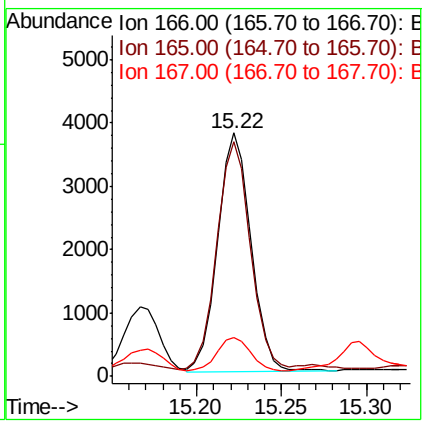




#9
Fluorene
Concen: 0.125 ng/ul
RT: 15.22 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:166 Resp: 5166

Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.2	117.4
167	15.9	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
C0BY9

Manual Integrations APPROVED
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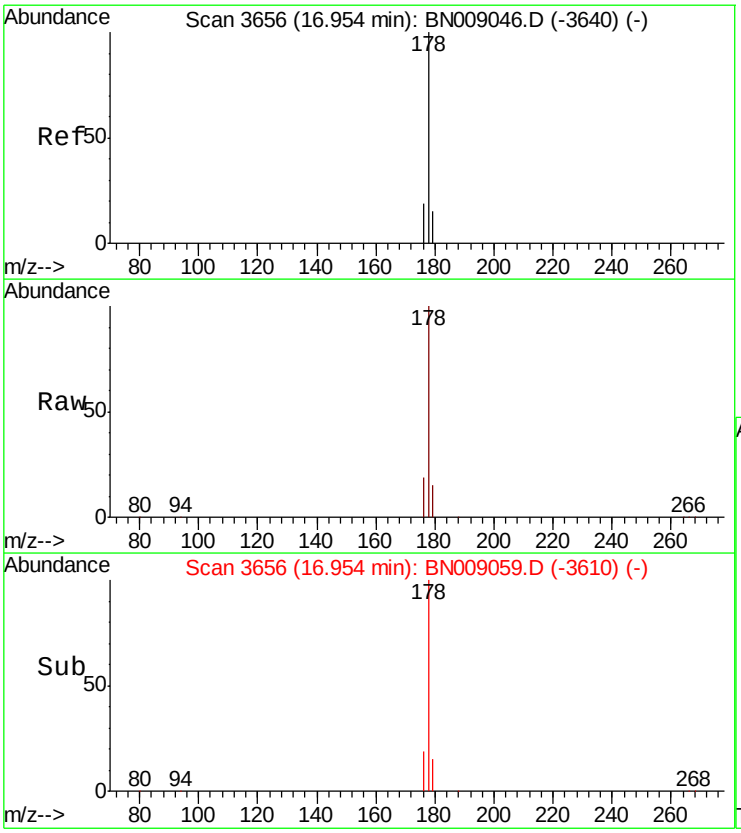
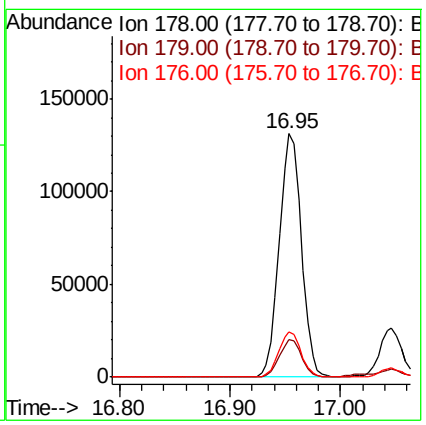
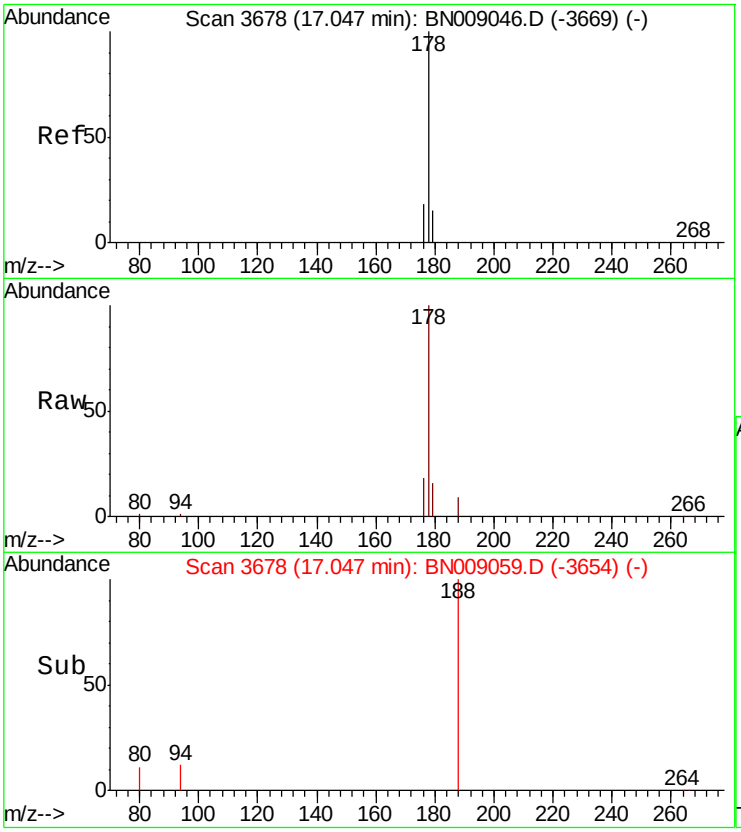


#12
Phenanthrene
Concen: 3.033 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:178 Resp: 181931

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.7	15.1	22.7

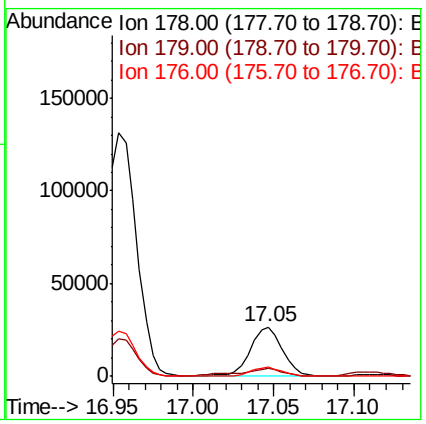




#13
Anthracene
Concen: 0.669 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:178 Resp: 35984

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.1	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0BY9

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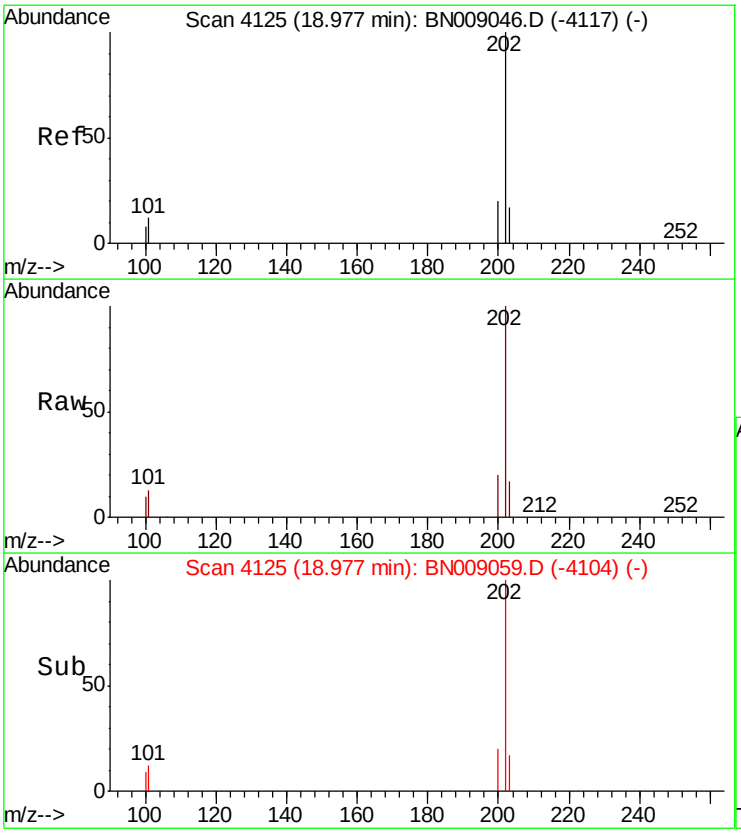
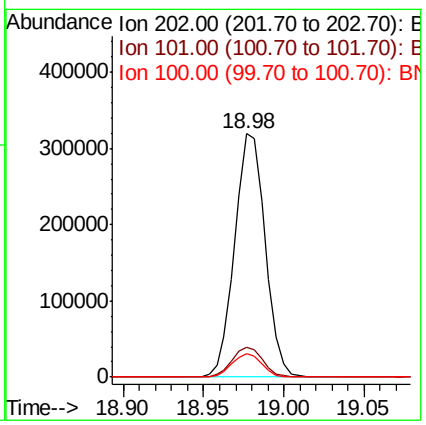
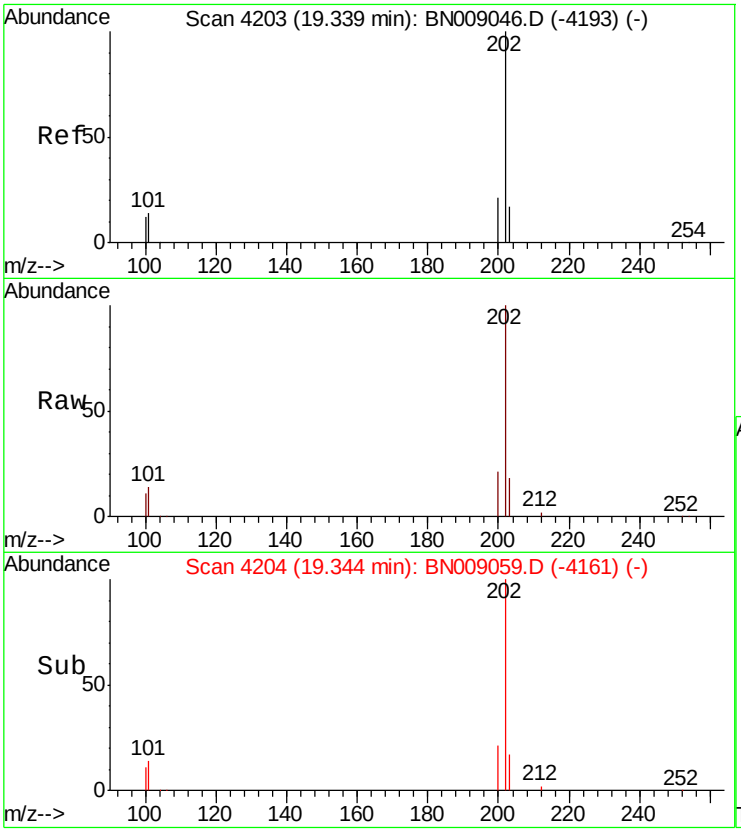


#15
Fluoranthene
Concen: 6.116 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:202 Resp: 419561

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.5
100	9.5	0.0	28.9

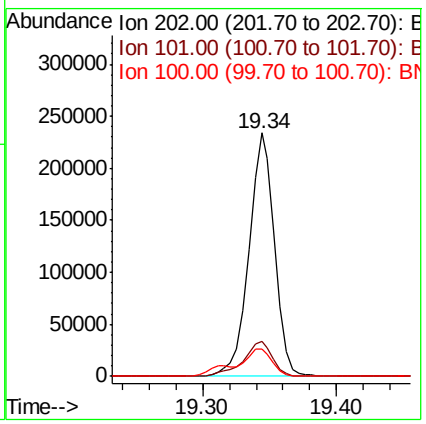




#17
Pyrene
Concen: 6.673 ng/ul
RT: 19.34 min Scan# 4204
Delta R.T. 0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:202 Resp: 310859

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.9	16.3
100	11.4	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
C0BY9

Manual Integrations APPROVED
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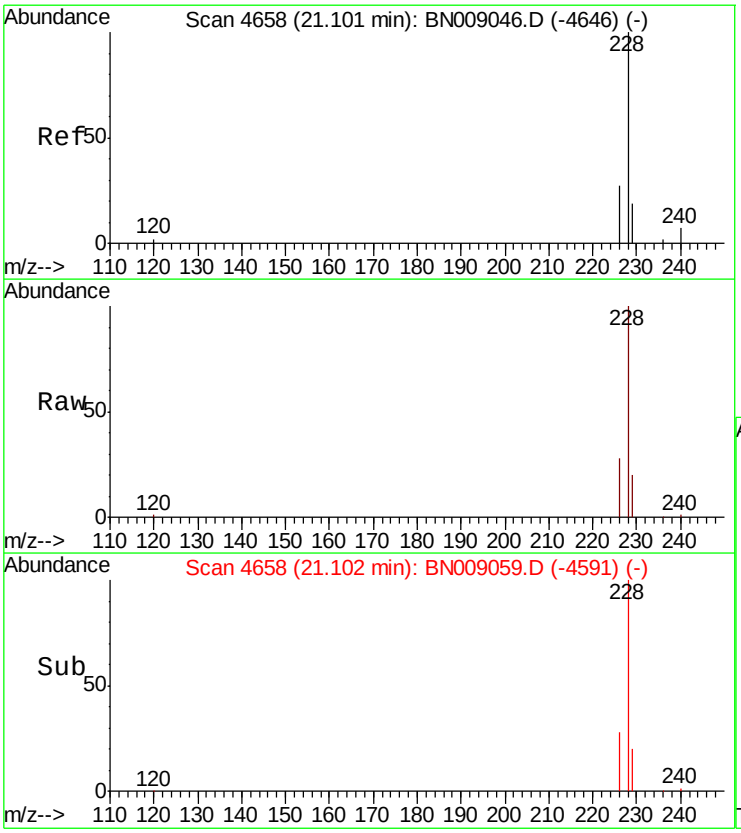
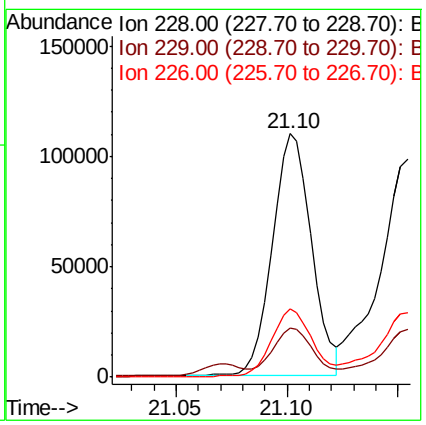
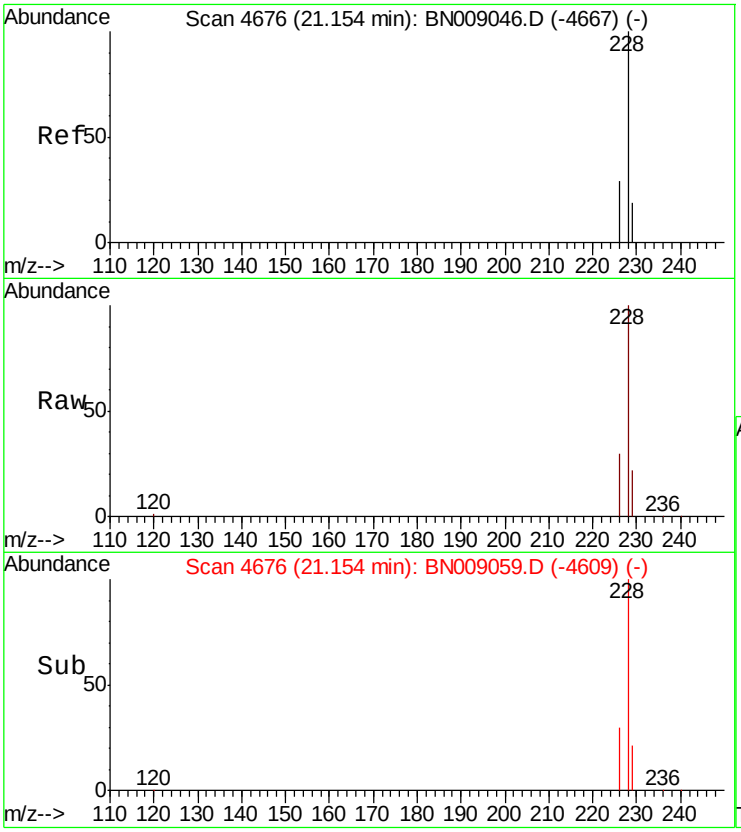


#18
Benzo(a)anthracene
Concen: 3.290 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:228 Resp: 133410

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.5	23.3
226	27.9	21.7	32.5

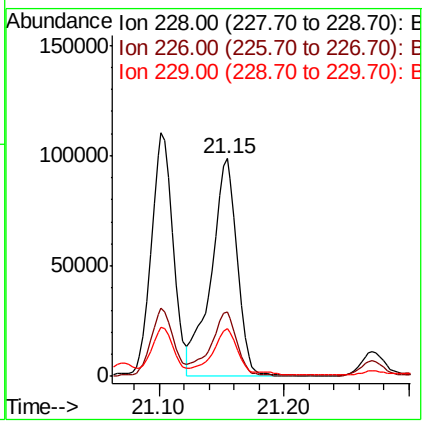




#19
Chrysene
Concen: 3.472 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:228 Resp: 141482

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	21.7	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0BY9

Manual Integrations APPROVED
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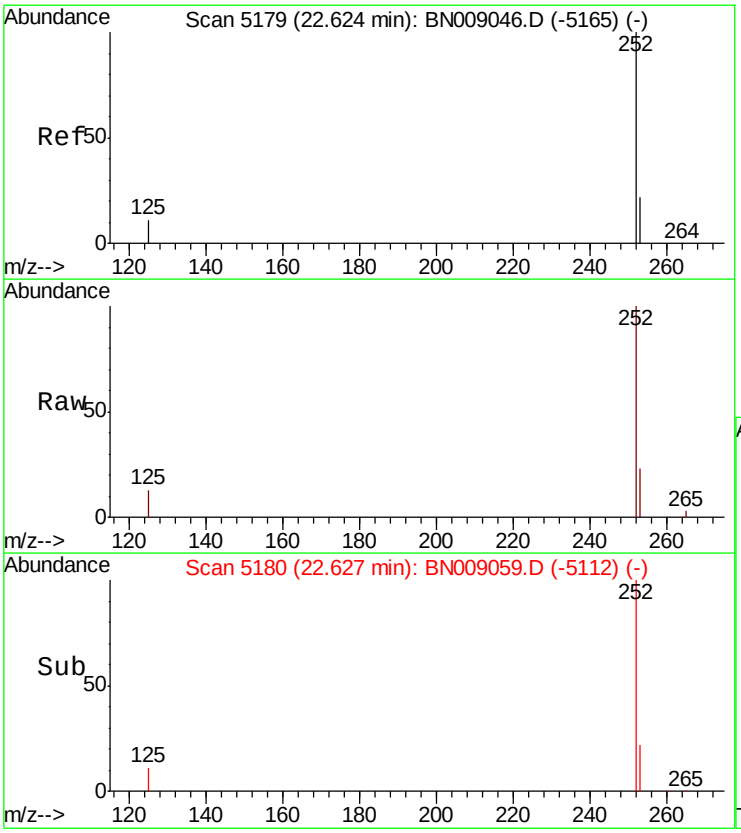
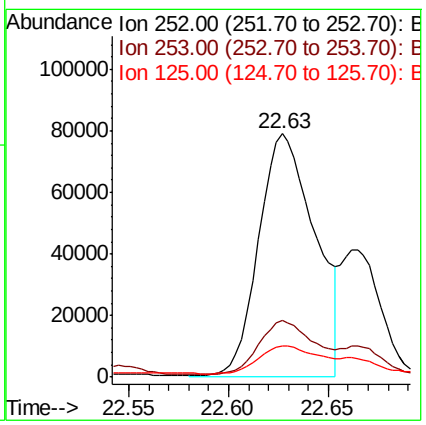
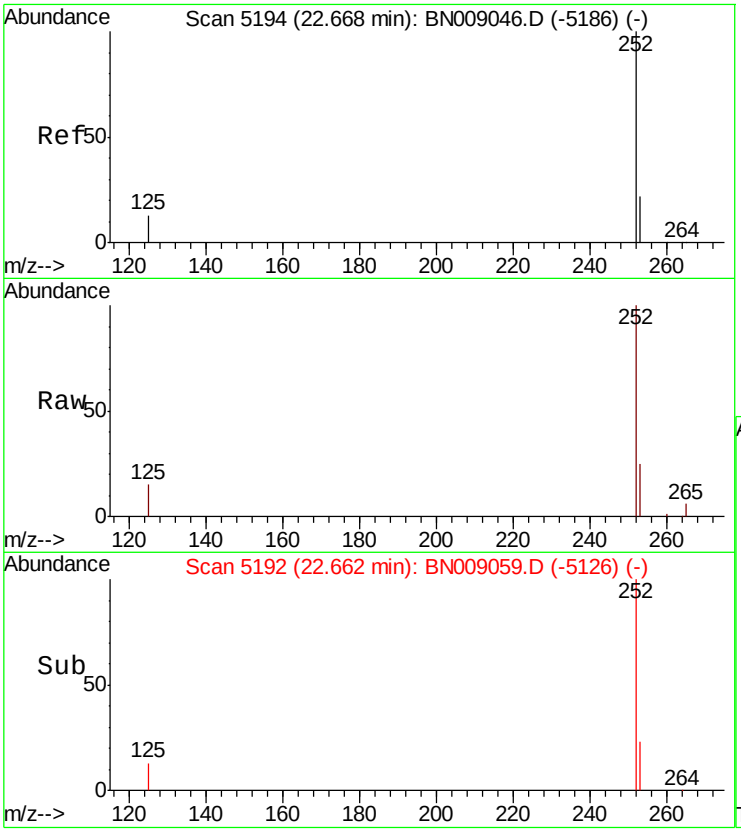


#21
Benzo(b)fluoranthene
Concen: 4.027 ng/ul m
RT: 22.63 min Scan# 5180
Delta R.T. 0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:252 Resp: 155188

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	48.2
125	12.7	0.0	30.0

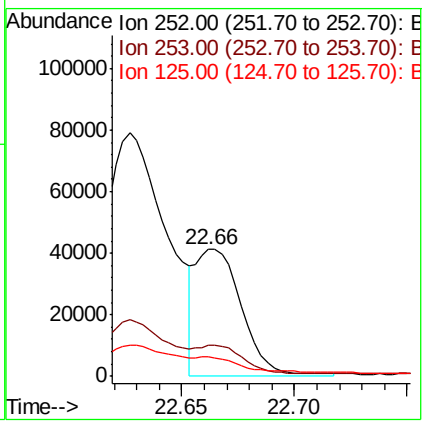




#22
Benzo(k)fluoranthene
Concen: 1.520 ng/ul m
RT: 22.66 min Scan# 5192
Delta R.T. -0.01 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:252 Resp: 59063

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	15.2	12.4	18.6



Instrument :
BNA_N
ClientSampleId :
C0BY9

Manual Integrations APPROVED
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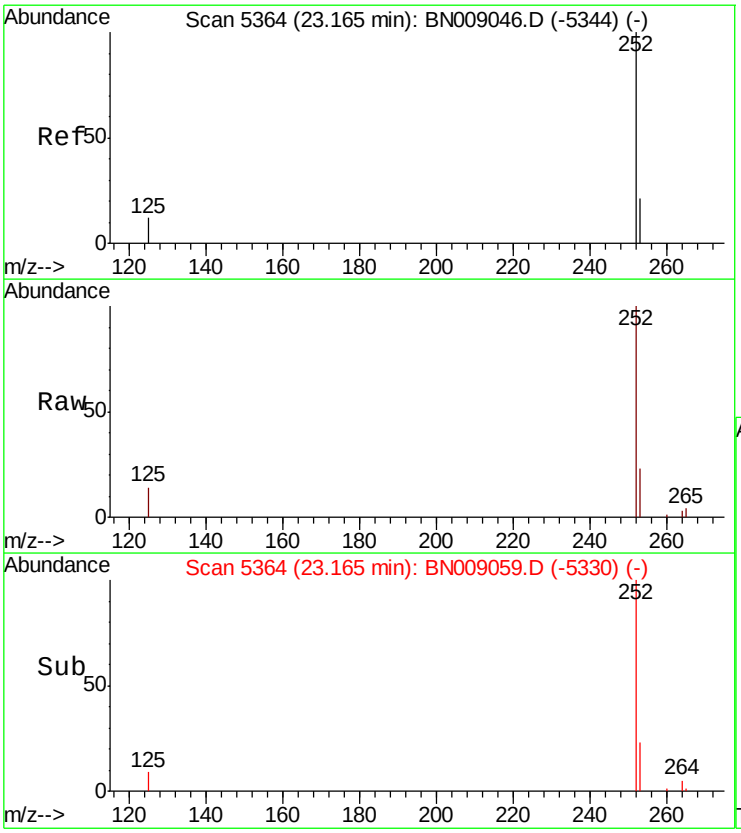
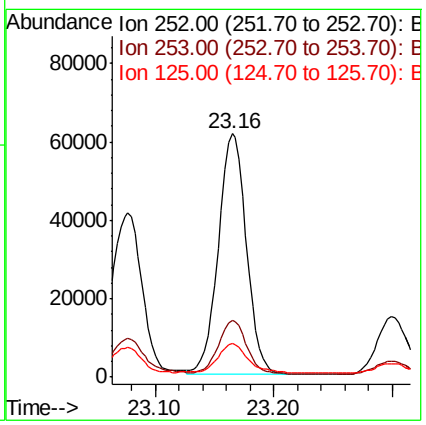
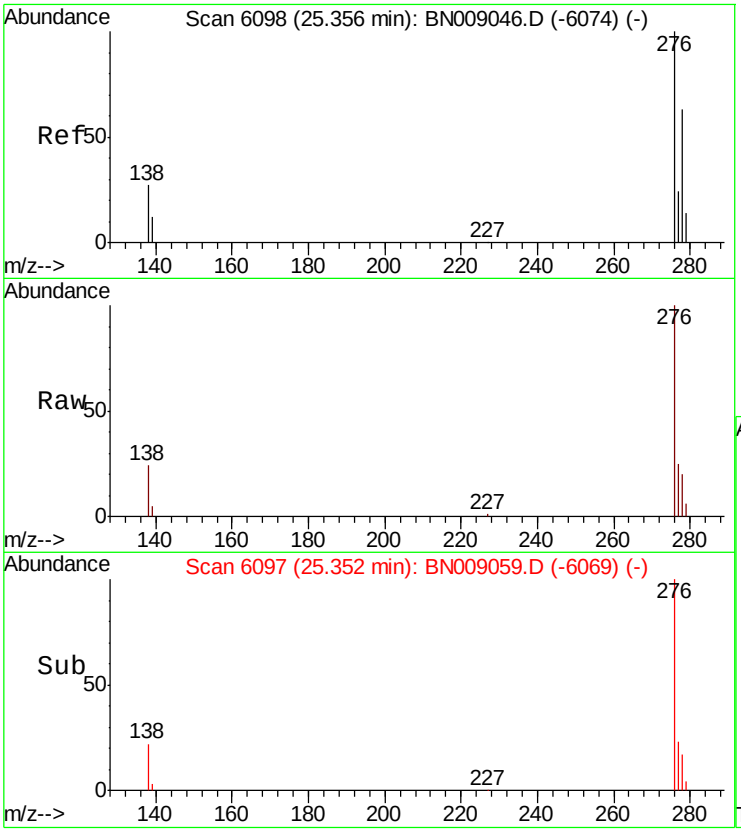


#23
Benzo(a)pyrene
Concen: 3.005 ng/ul
RT: 23.16 min Scan# 5364
Delta R.T. 0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:252 Resp: 101490

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.2	30.4
125	13.6	13.2	19.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.960 ng/ul
RT: 25.35 min Scan# 6097
Delta R.T. -0.01 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:276 Resp: 72077

Ion	Ratio	Lower	Upper
276	100		
138	23.3	22.4	33.6
227	0.2	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0BY9

Manual Integrations APPROVED
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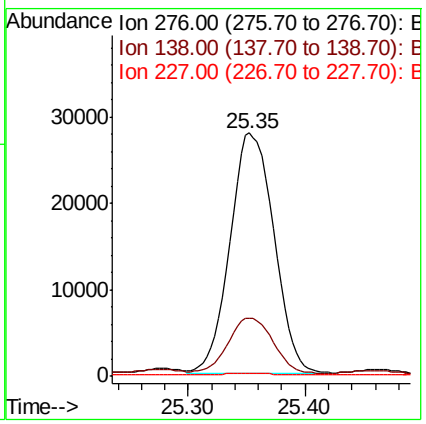
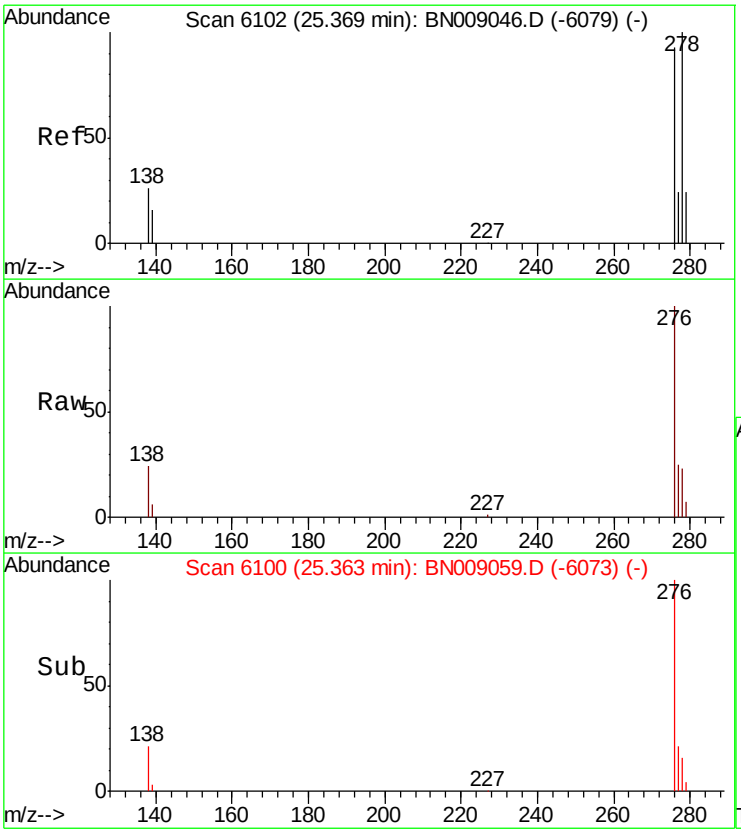
12/20/2019 4:30:09 PM

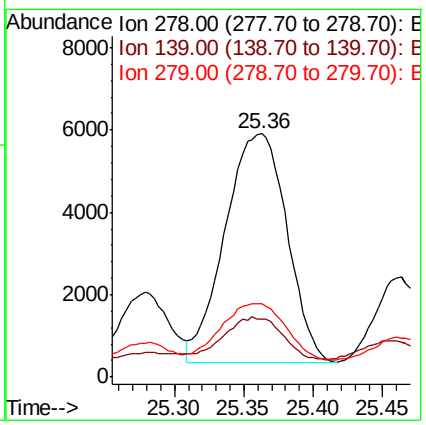


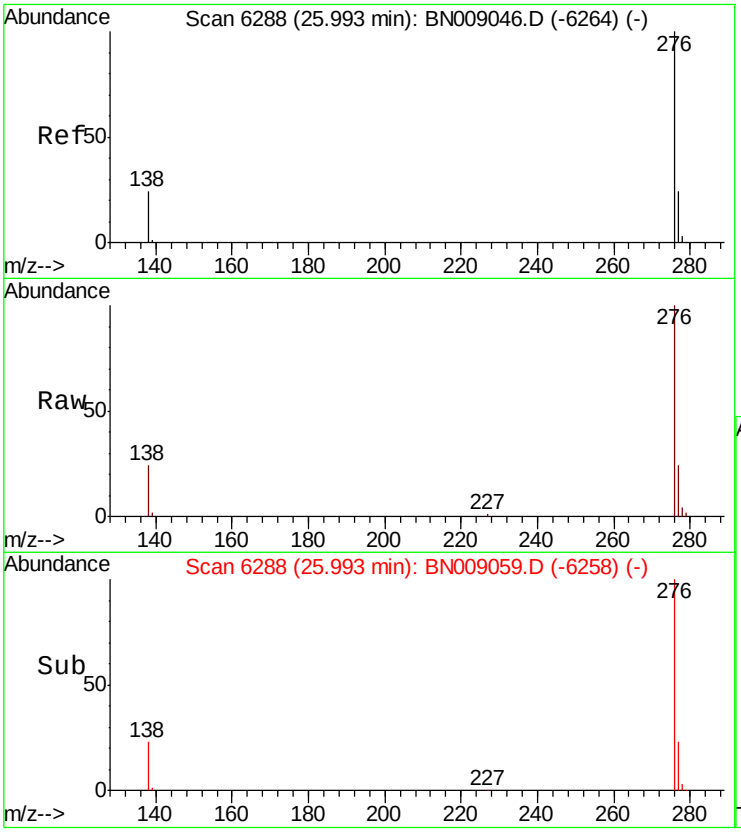


#25
Dibenzo(a,h)anthracene
Concen: 0.586 ng/ul
RT: 25.36 min Scan# 6100
Delta R.T. -0.01 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:278 Resp: 17170

Ion	Ratio	Lower	Upper
278	100		
139	24.0	16.2	24.2
279	30.0	20.3	30.5

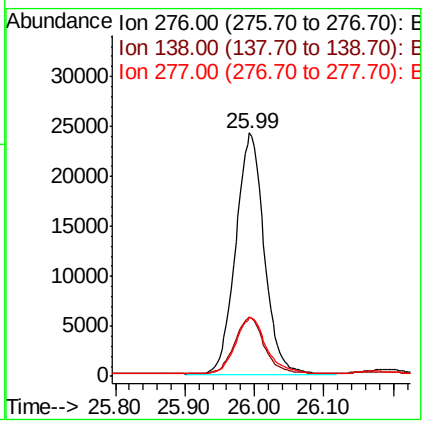




#26
Benzo(g,h,i)perylene
Concen: 2.208 ng/ul
RT: 25.99 min Scan# 6288
Delta R.T. 0.00 min
Lab File: BN009059.D
Acq: 20 Dec 2019 09:08

Tgt Ion:276 Resp: 68415

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.6	30.8
277	24.2	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0BY9

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:09 PM