Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006512.D
Acq On : 23 Jun 2019 06:10
Operator : HP/JU
Sample : K3360-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Y2

Manual Integrations APPROVED
mohammad
6/25/2019 8:45:20 AM

Quant Time: Jun 24 09:20:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5048	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19289	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10334	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	20806m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	12413m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	11029m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	6888	0.23	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	14249m	0.25	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1319	0.025	ng/ul#	79
7) Acenaphthylene	14.00	152	4327	0.075	ng/ul	95
8) Acenaphthene	14.34	153	802	0.020	ng/ul	95
9) Fluorene	15.34	166	1561	0.033	ng/ul#	94
12) Phenanthrene	17.08	178	47055m	0.705	ng/ul	
13) Anthracene	17.17	178	6262m	0.098	ng/ul	
15) Fluoranthene	19.10	202	89658m	1.216	ng/ul	
17) Pyrene	19.47	202	78533	1.201	ng/ul	100
18) Benzo(a)anthracene	21.23	228	26193m	0.477	ng/ul	
19) Chrysene	21.29	228	31934	0.620	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	36866m	0.802	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	13293m	0.297	ng/ul	
23) Benzo(a)pyrene	23.38	252	23227	0.542	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.71	276	16983m	0.366	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	3997	0.108	ng/ul#	81
26) Benzo(g,h,i)perylene	26.39	276	13168	0.339	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006512.D
Acq On : 23 Jun 2019 06:10
Operator : HP/JU
Sample : K3360-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 24 09:20:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_N
ClientSampleId :
A41Y2

Manual Integrations APPROVED
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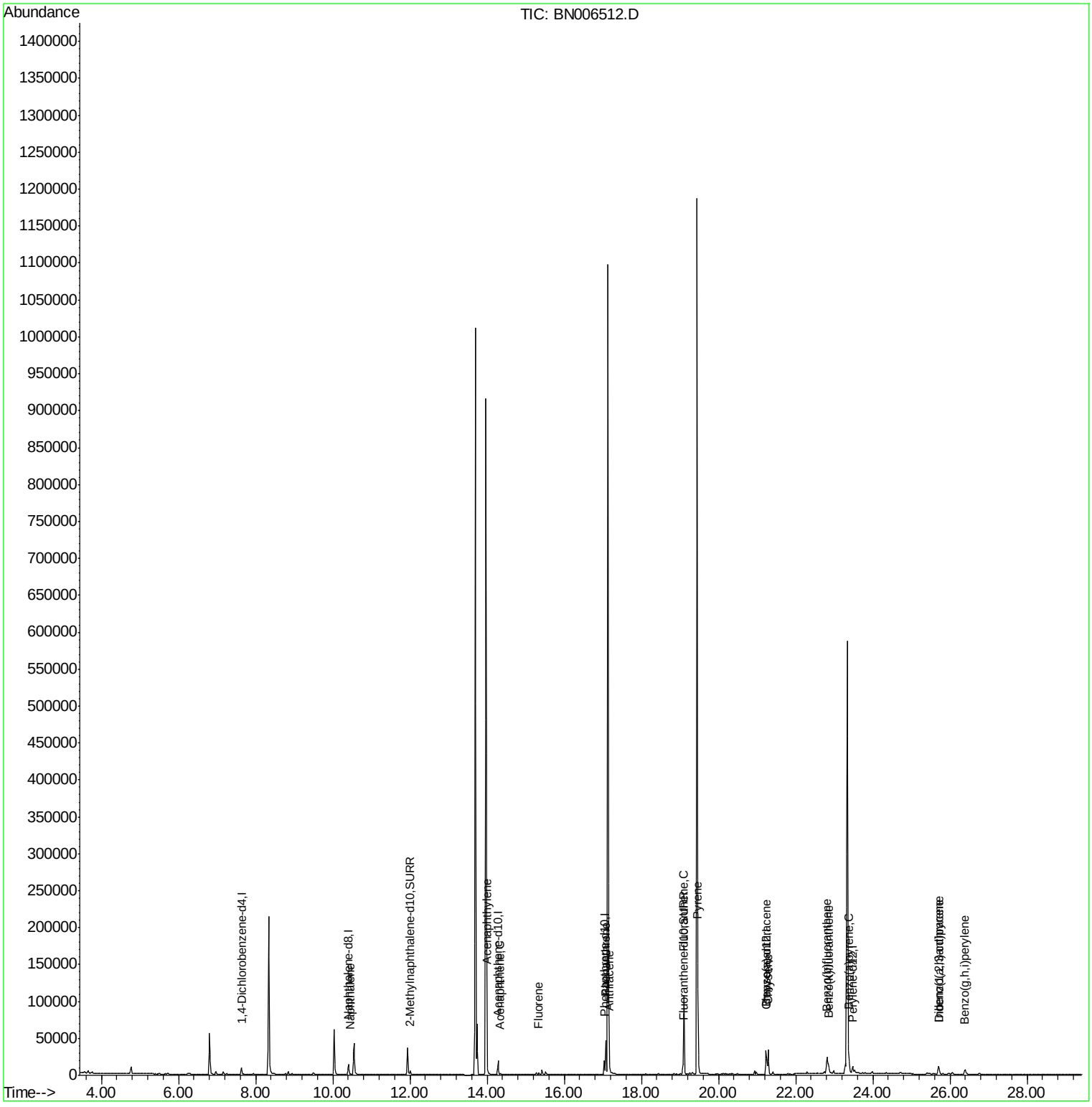

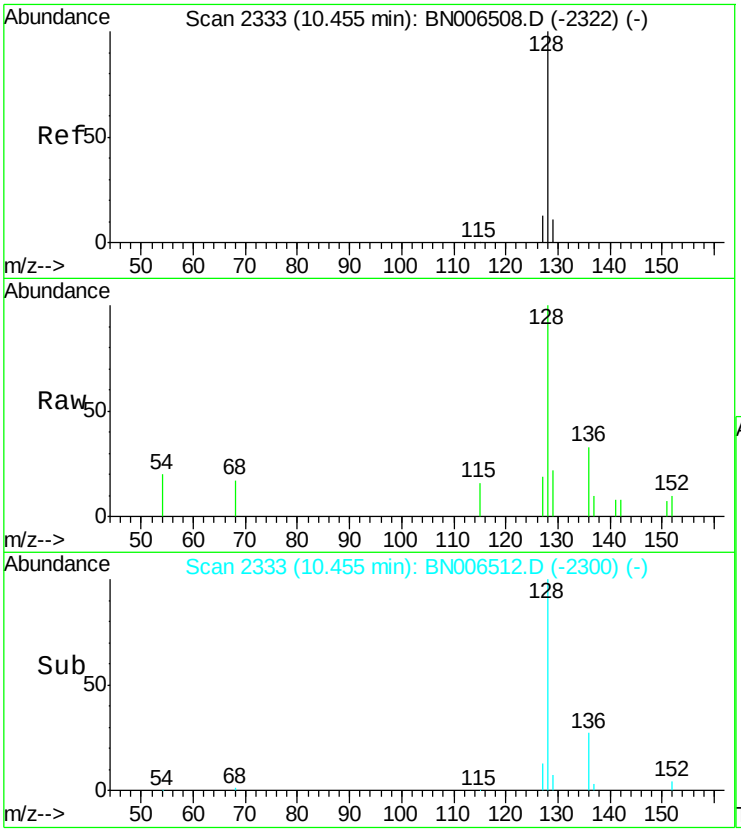

#3
Naphthalene
Concen: 0.025 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. -0.02 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:128 Resp: 1319

Ion	Ratio	Lower	Upper
128	100		
129	22.0	9.3	13.9#
127	19.4	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
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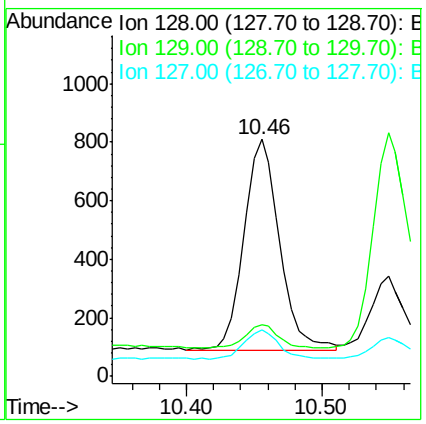
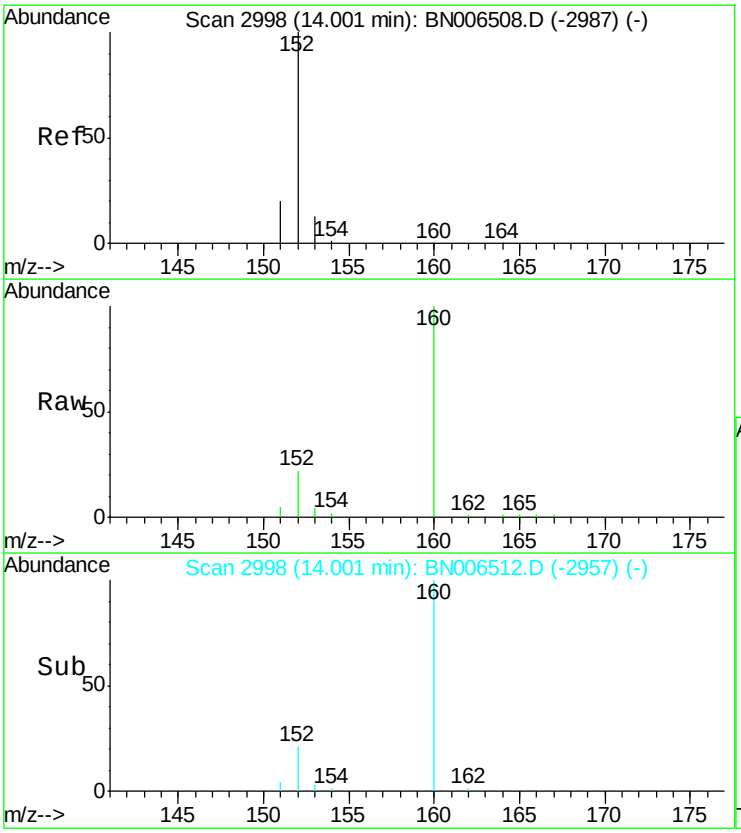
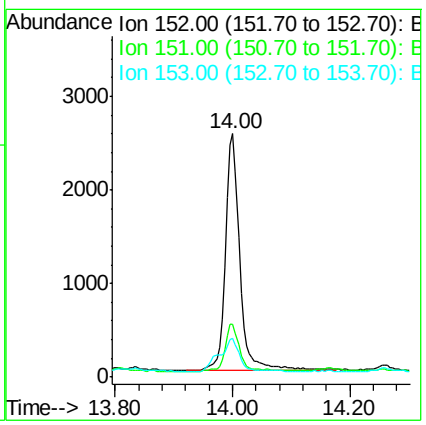


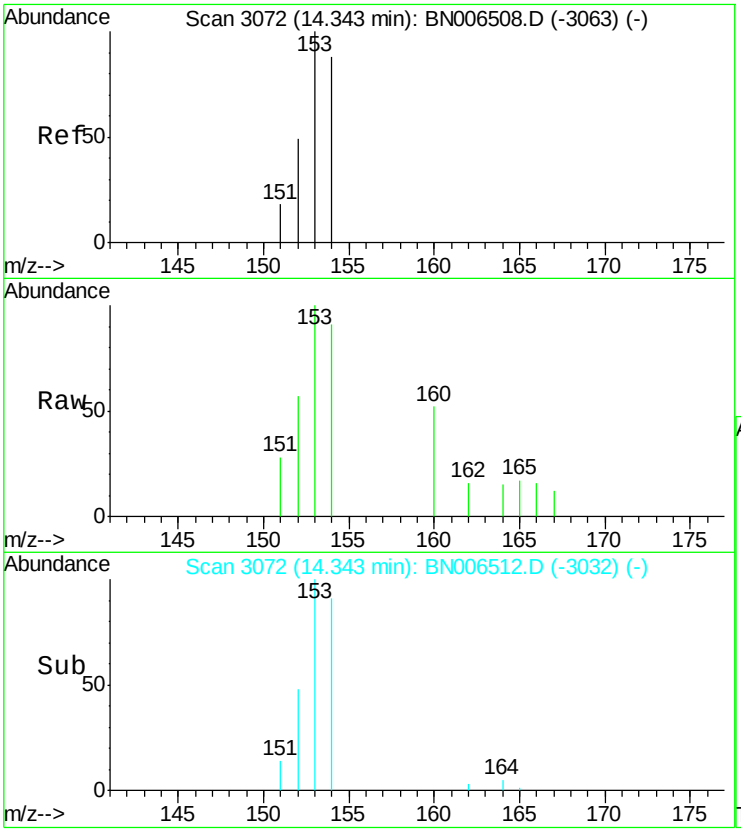


#7
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.00 min Scan# 2998
Delta R.T. -0.01 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:152 Resp: 4327

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.8	23.8
153	16.1	10.8	16.2

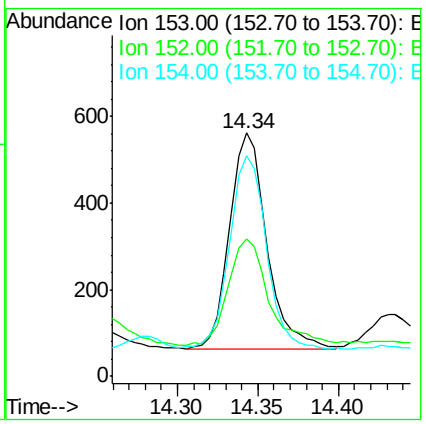




#8
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:153 Resp: 802

Ion	Ratio	Lower	Upper
153	100		
152	56.6	39.1	58.7
154	90.7	71.1	106.7



Instrument :
BNA_N
ClientSampleId :
A41Y2

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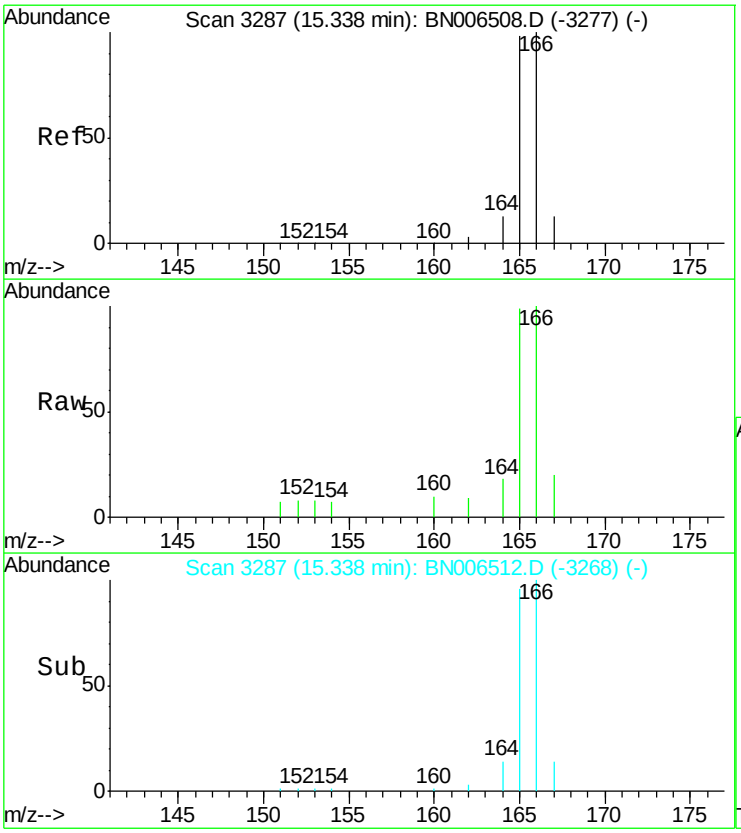
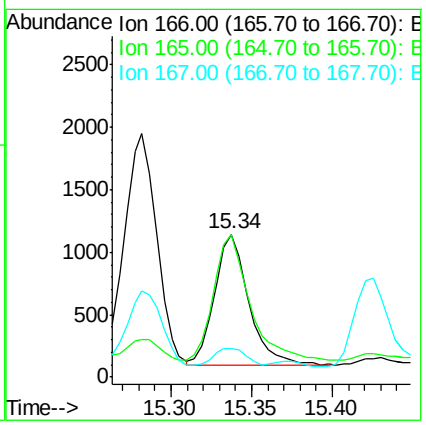
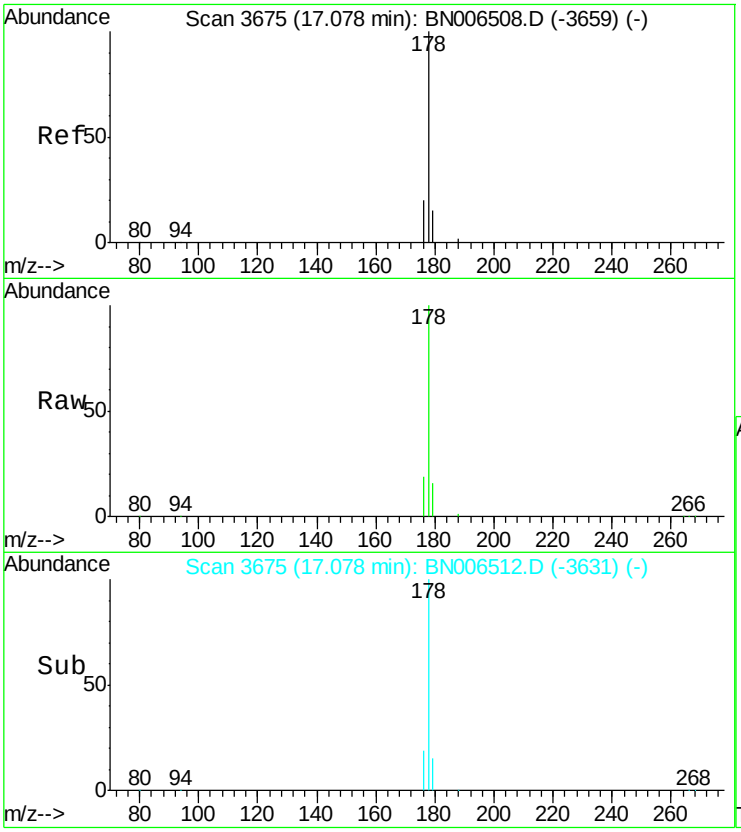


#9
Fluorene
Concen: 0.033 ng/ul
RT: 15.34 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:166 Resp: 1561

Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.4	114.6
167	20.5	11.0	16.6#

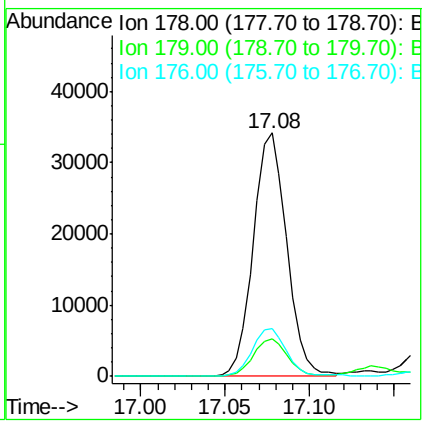




#12
Phenanthrene
Concen: 0.705 ng/ul m
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:178 Resp: 47055

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.5	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A41Y2

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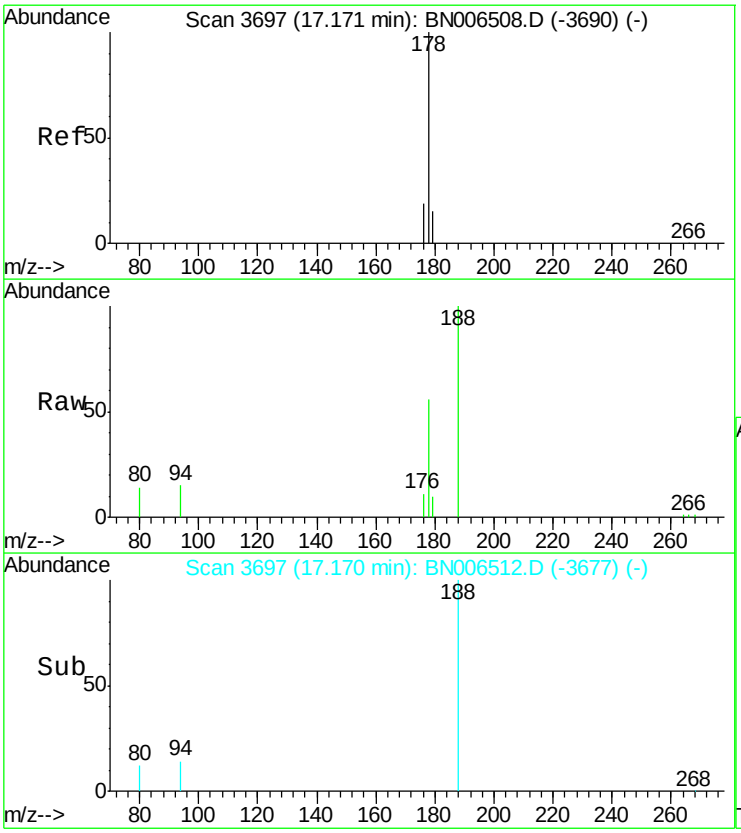
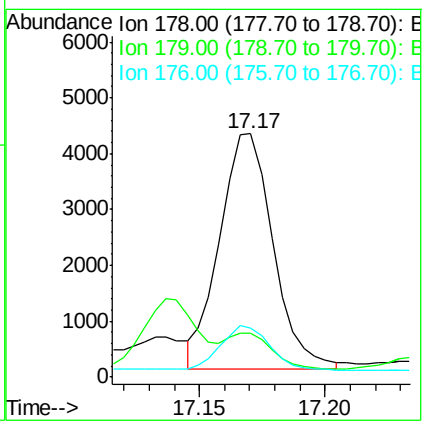
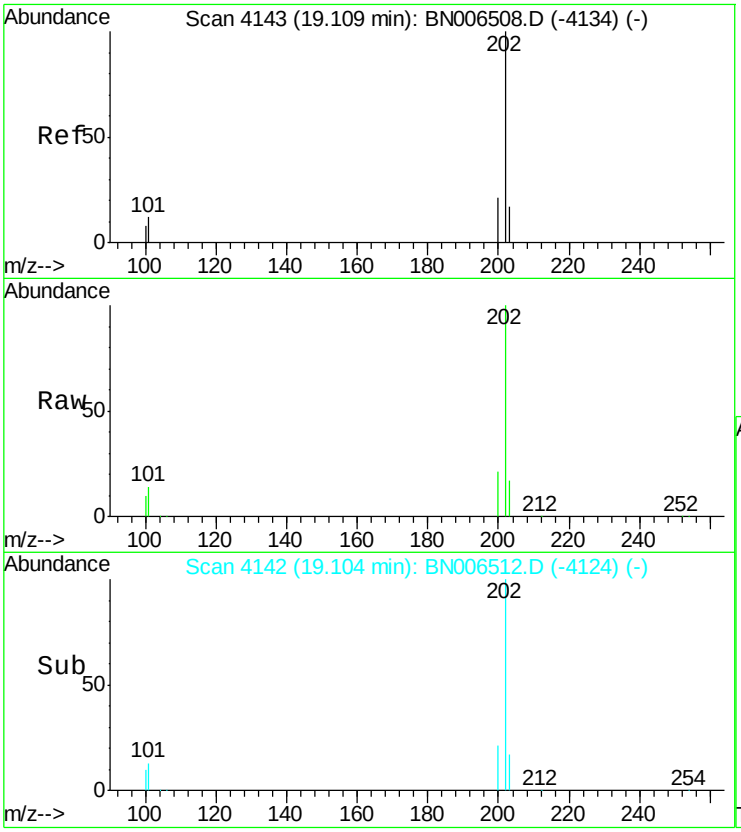


#13
Anthracene
Concen: 0.098 ng/ul m
RT: 17.17 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:178 Resp: 6262

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.2	18.4
176	20.2	15.1	22.7

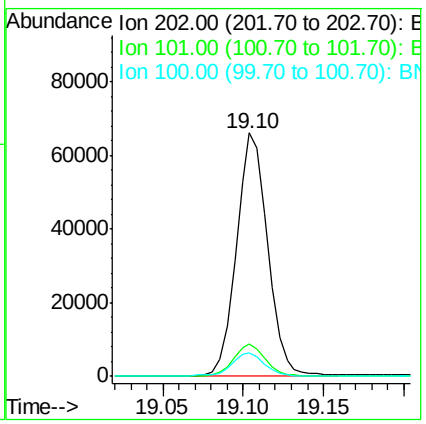




#15
Fluoranthene
Concen: 1.216 ng/ul m
RT: 19.10 min Scan# 4142
Delta R.T. -0.01 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:202 Resp: 89658

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.1
100	9.9	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
A41Y2

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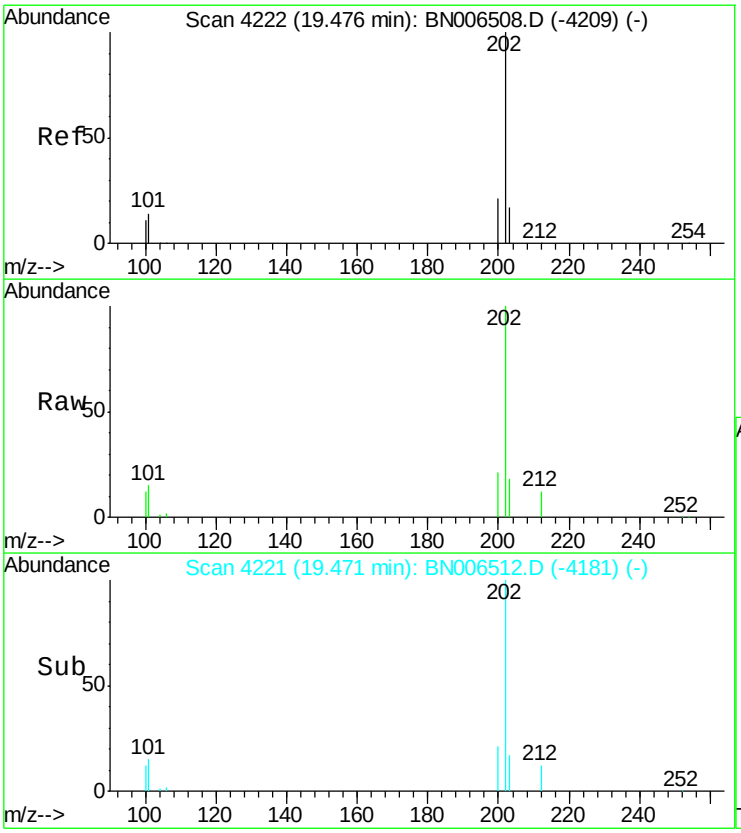
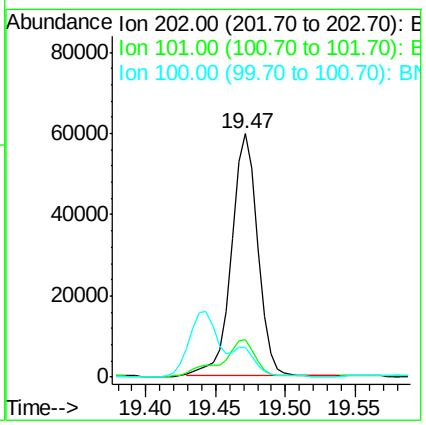
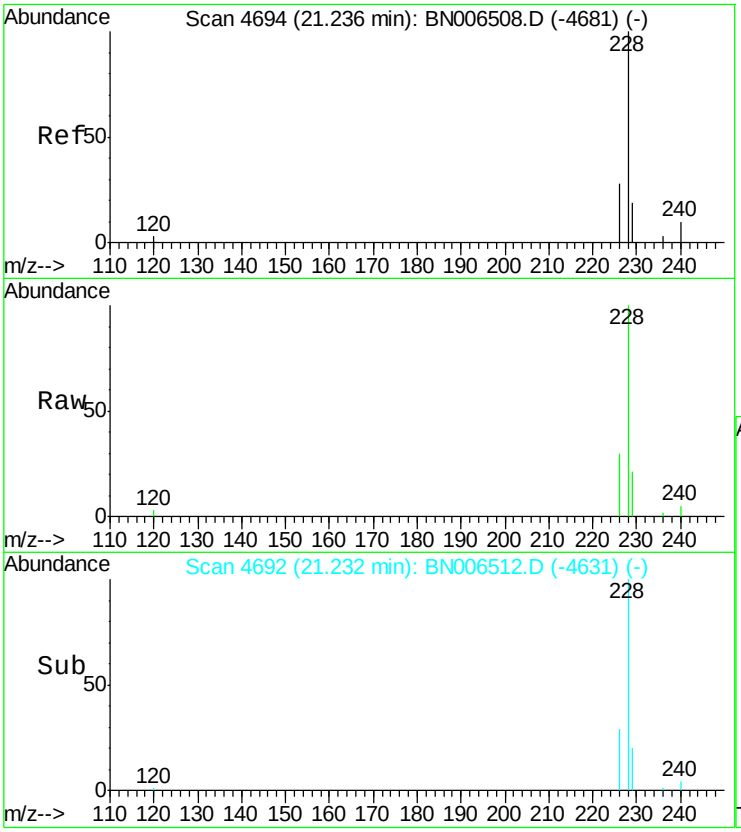


#17
Pyrene
Concen: 1.201 ng/ul
RT: 19.47 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:202 Resp: 78533

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.2	18.2
100	12.2	9.8	14.6

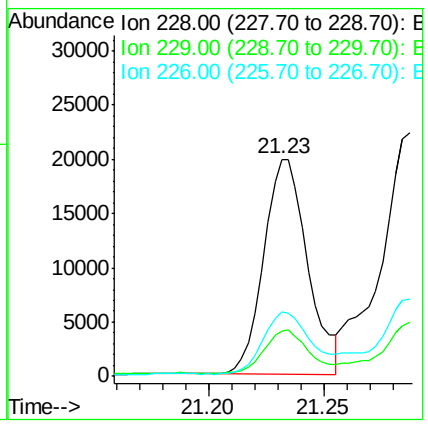




#18
Benzo(a)anthracene
Concen: 0.477 ng/ul m
RT: 21.23 min Scan# 4692
Delta R.T. -0.02 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:228 Resp: 26193

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.5	24.7
226	29.8	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
A41Y2

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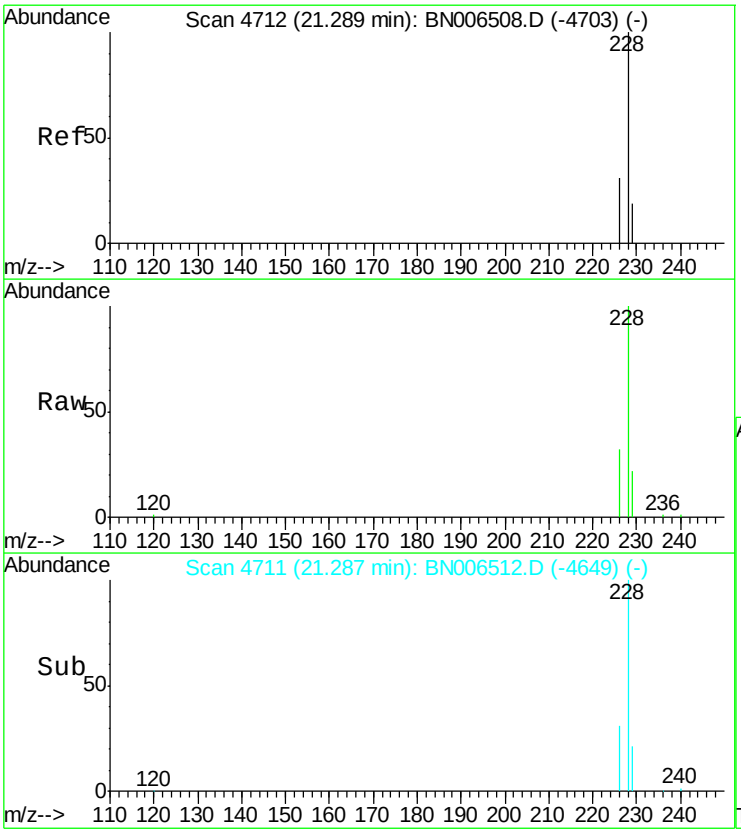
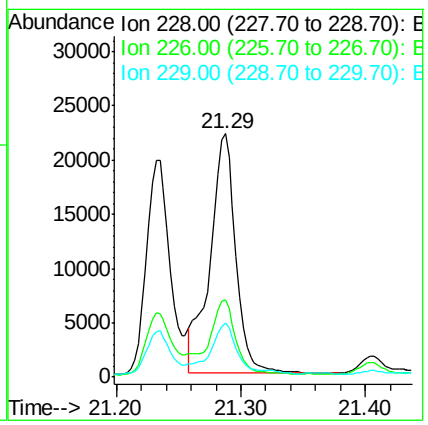
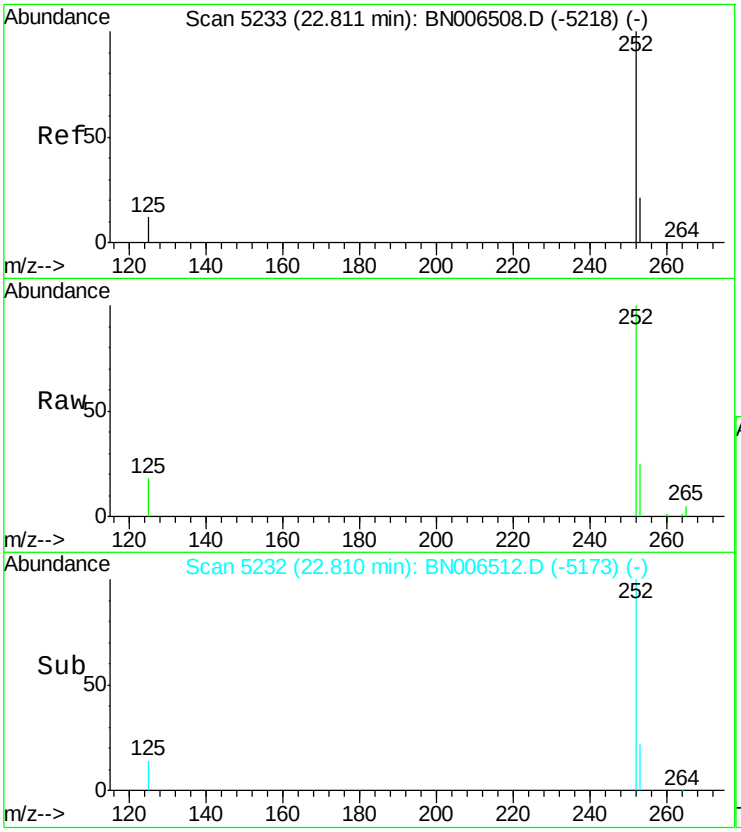


#19
Chrysene
Concen: 0.620 ng/ul
RT: 21.29 min Scan# 4711
Delta R.T. -0.02 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:228 Resp: 31934

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	22.0	16.3	24.5

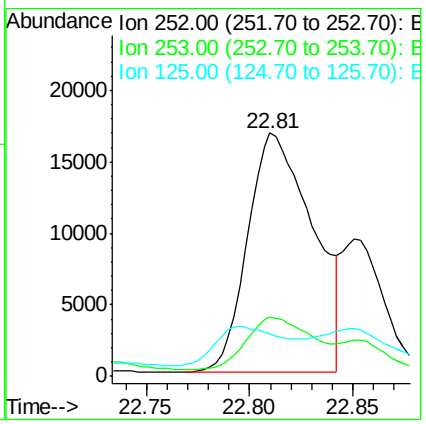




#21
Benzo(b)fluoranthene
Concen: 0.802 ng/ul m
RT: 22.81 min Scan# 5232
Delta R.T. -0.03 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:252 Resp: 36866

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	51.4
125	17.6	0.0	41.0



Instrument :
BNA_N
ClientSampleId :
A41Y2

Manual Integrations APPROVED
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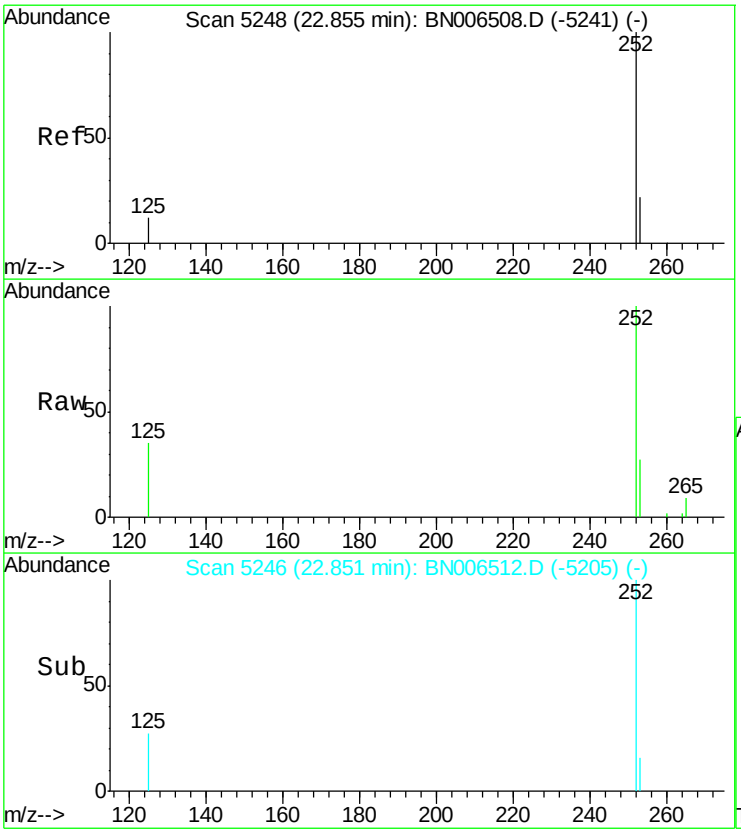
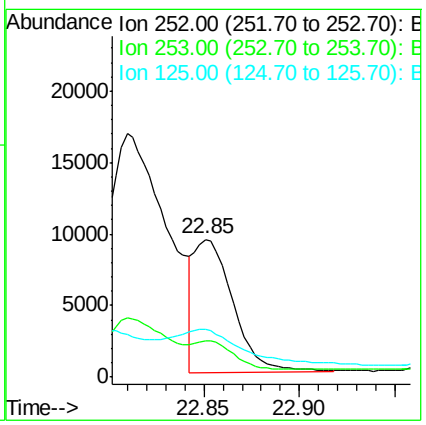
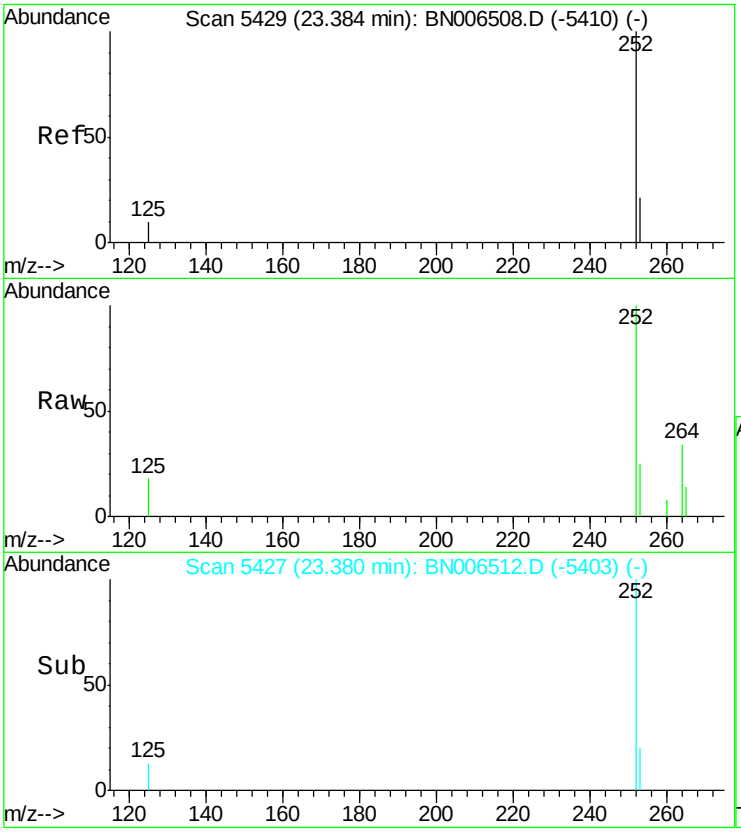


#22
Benzo(k)fluoranthene
Concen: 0.297 ng/ul m
RT: 22.85 min Scan# 5246
Delta R.T. -0.03 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:252 Resp: 13293

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.3	30.5
125	34.8	14.3	21.5#





#23
Benzo(a)pyrene
Concen: 0.542 ng/ul
RT: 23.38 min Scan# 5427
Delta R.T. -0.03 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:252 Resp: 23227

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.1	31.7
125	17.5	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
A41Y2

Manual Integrations APPROVED
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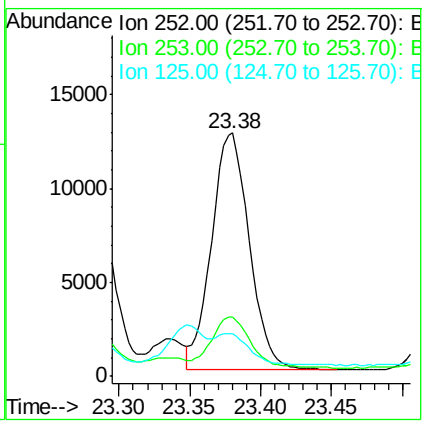
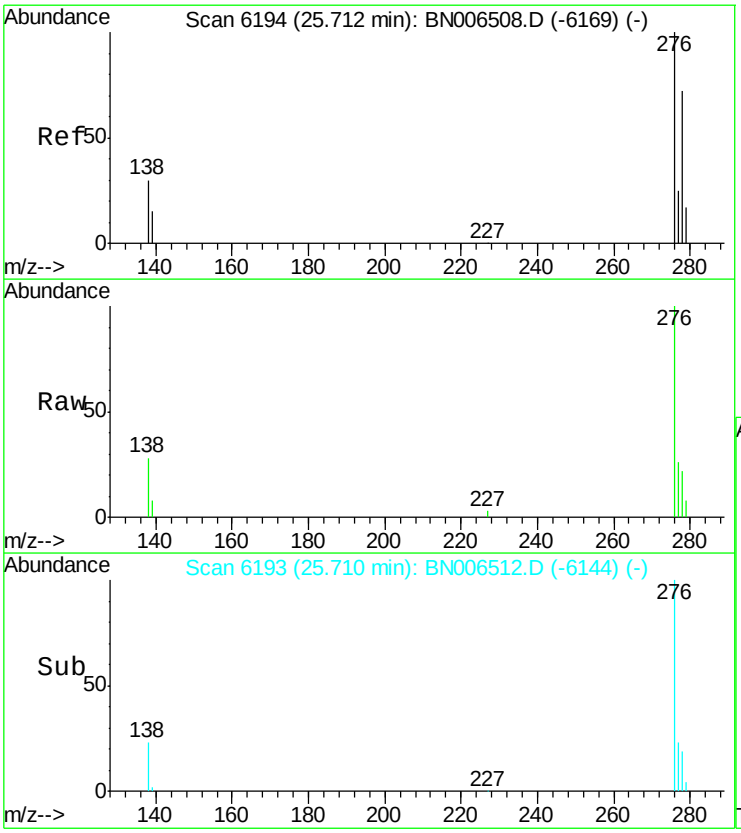
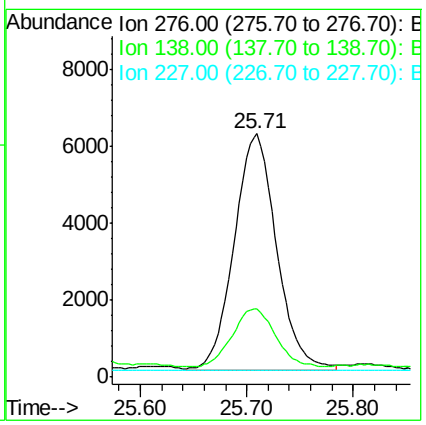


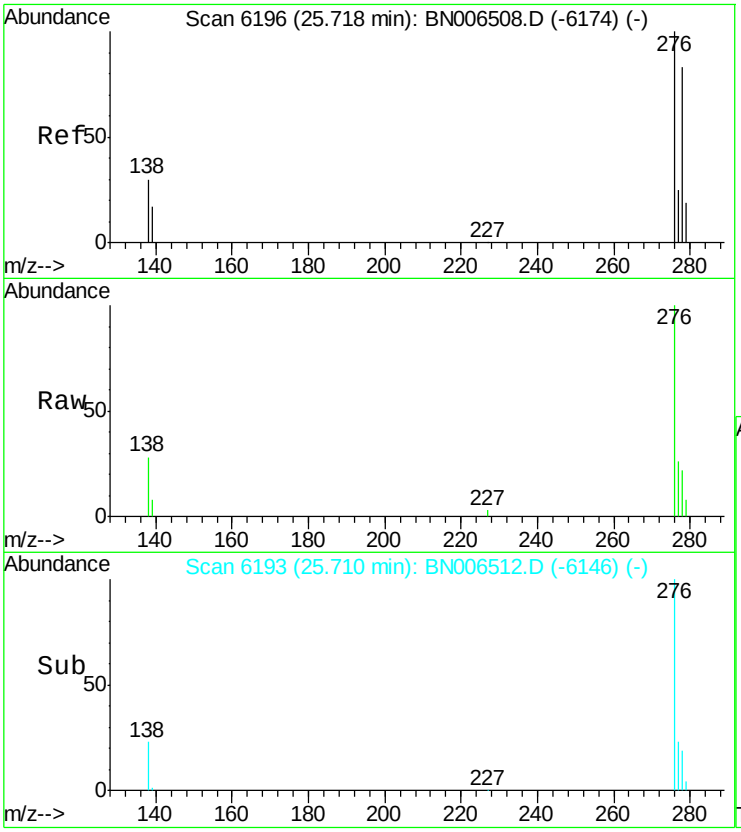


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul m
RT: 25.71 min Scan# 6193
Delta R.T. -0.04 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:276 Resp: 16983

Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.6	38.4#
227	0.1	0.3	0.5#





#25
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul
RT: 25.71 min Scan# 6193
Delta R.T. -0.04 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:278 Resp: 3997

Ion	Ratio	Lower	Upper
278	100		
139	38.9	21.2	31.8#
279	35.2	22.6	33.8#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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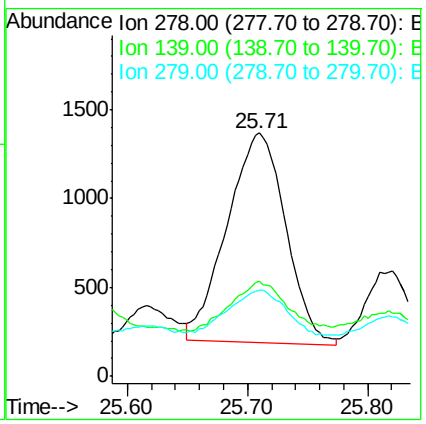
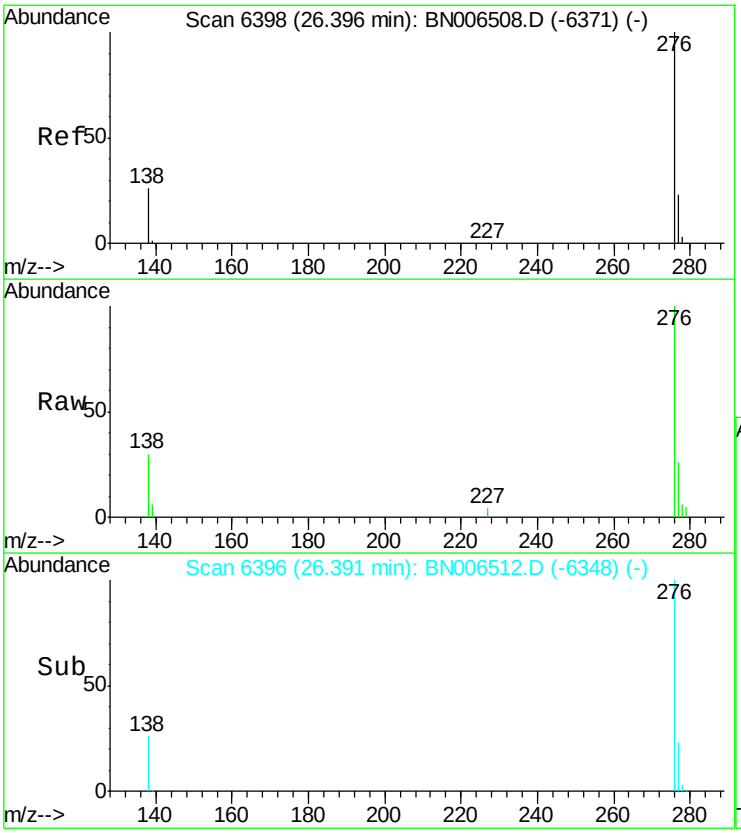
6/25/2019 8:45:20 AM





#26
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 26.39 min Scan# 6396
Delta R.T. -0.04 min
Lab File: BN006512.D
Acq: 23 Jun 2019 06:10

Tgt Ion:276 Resp: 13168

Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.2	36.4
277	26.3	21.5	32.3