Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006560.D
Acq On : 25 Jun 2019 08:08
Operator : HP/JU
Sample : K3360-06DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41Y6DL

Manual Integrations APPROVED
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6/25/2019 10:21:37 PM

Quant Time: Jun 25 11:40:45 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5652	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20652	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9773	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17603	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10535	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	13419	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1457	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2335	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1187	0.021	ng/ul#	80
8) Acenaphthene	14.34	153	2735	0.073	ng/ul	98
9) Fluorene	15.34	166	2333	0.053	ng/ul#	98
12) Phenanthrene	17.08	178	30520	0.540	ng/ul	99
13) Anthracene	17.17	178	5714	0.106	ng/ul#	94
15) Fluoranthene	19.11	202	42867	0.687	ng/ul	98
17) Pyrene	19.48	202	35134	0.633	ng/ul	98
18) Benzo(a)anthracene	21.24	228	15147	0.325	ng/ul	98
19) Chrysene	21.29	228	17008	0.389	ng/ul	97
21) Benzo(b)fluoranthene	22.82	252	20500m	0.366	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	8119m	0.149	ng/ul	
23) Benzo(a)pyrene	23.39	252	13306	0.255	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.72	276	9806	0.174	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.73	278	2446	0.054	ng/ul#	59
26) Benzo(g,h,i)perylene	26.41	276	7439	0.157	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006560.D
Acq On : 25 Jun 2019 08:08
Operator : HP/JU
Sample : K3360-06DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 25 11:40:45 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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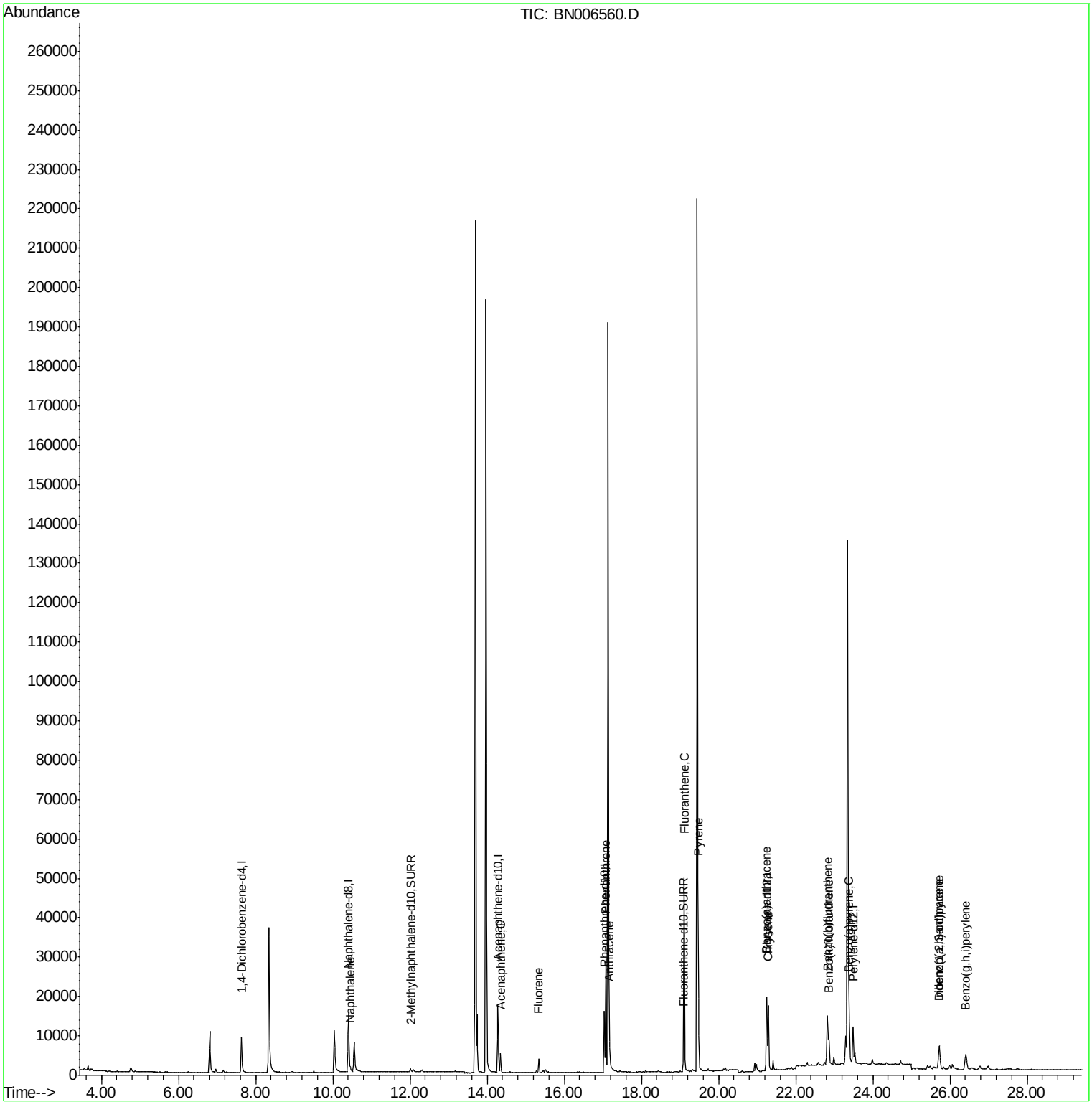

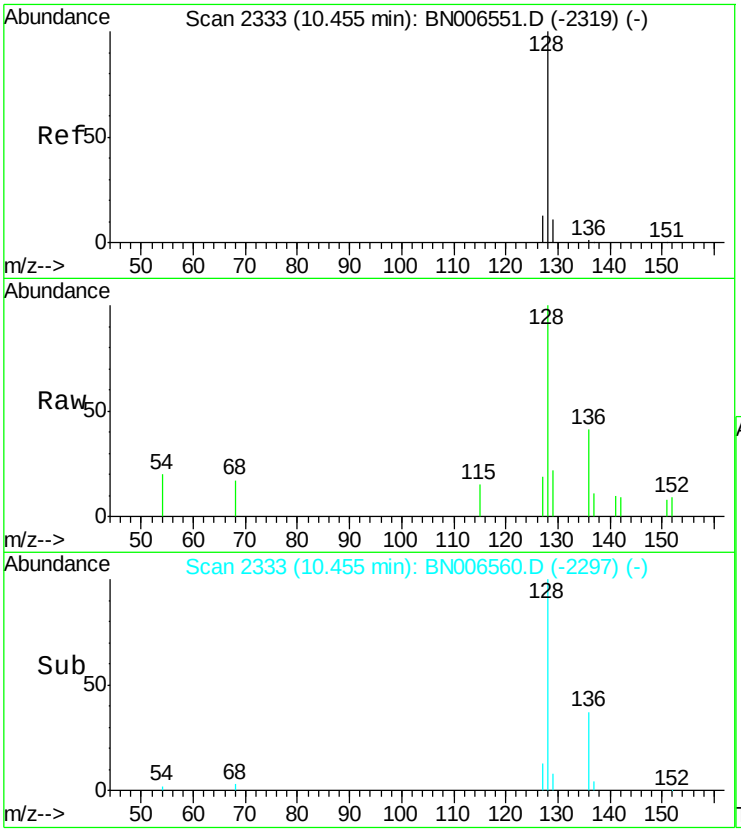

#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:128 Resp: 1187

Ion	Ratio	Lower	Upper
128	100		
129	21.7	9.3	13.9#
127	19.0	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
A41Y6DL

Manual Integrations APPROVED
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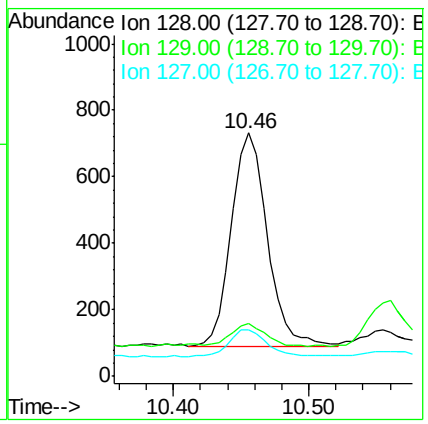
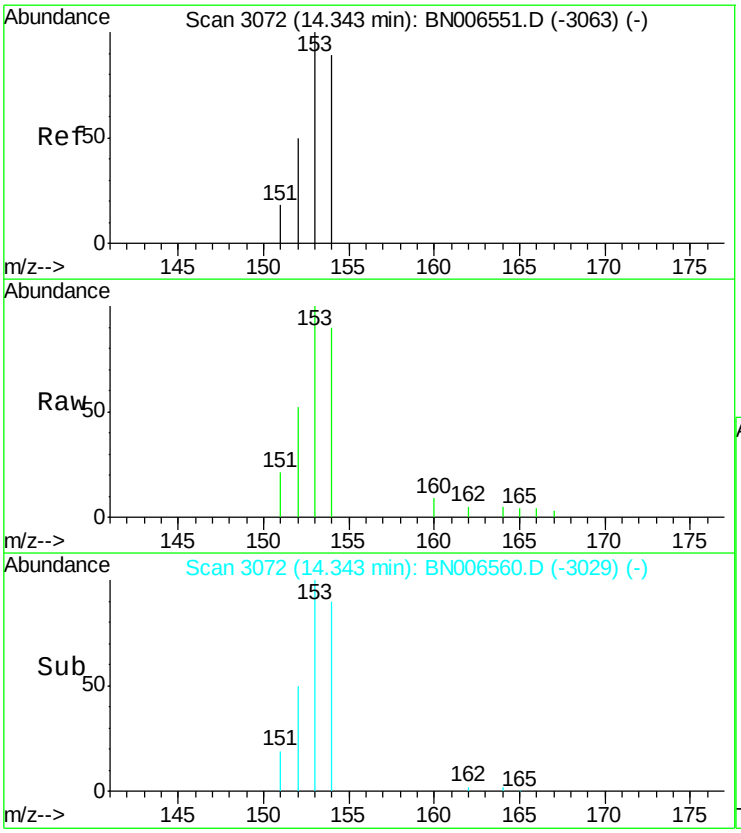
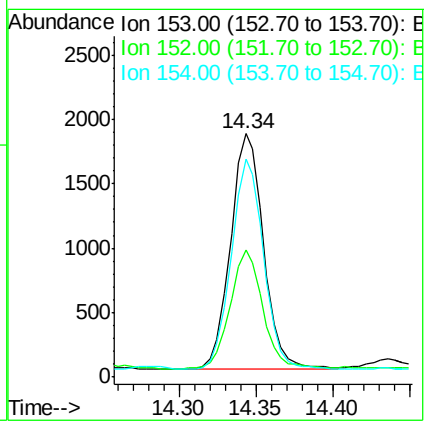


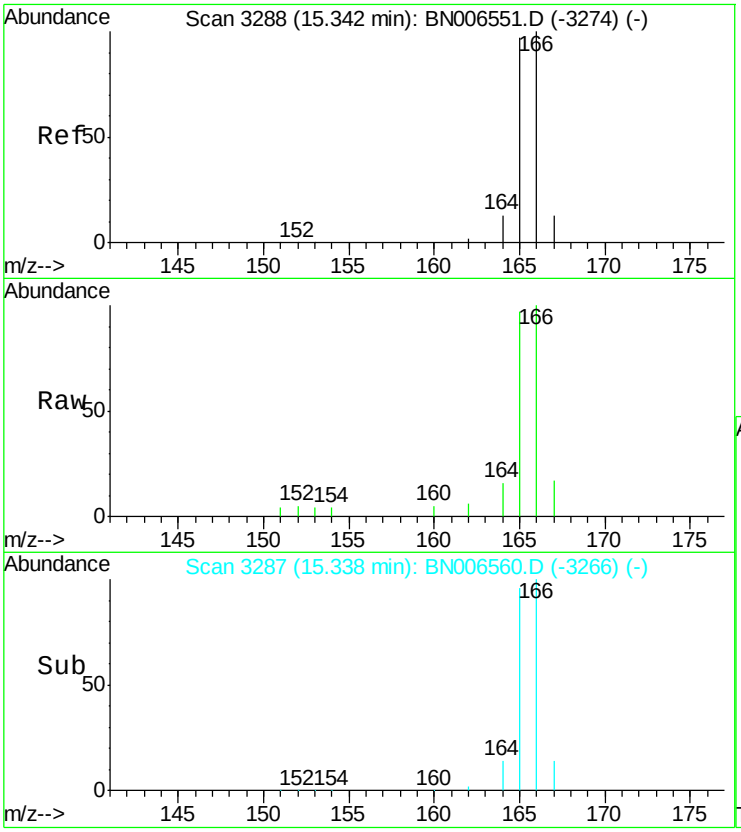


#8
Acenaphthene
Concen: 0.073 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:153 Resp: 2735

Ion	Ratio	Lower	Upper
153	100		
152	52.2	39.1	58.7
154	89.6	71.1	106.7





#9
Fluorene
Concen: 0.053 ng/ul
RT: 15.34 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:166 Resp: 2333

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.4	114.6
167	17.1	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
A41Y6DL

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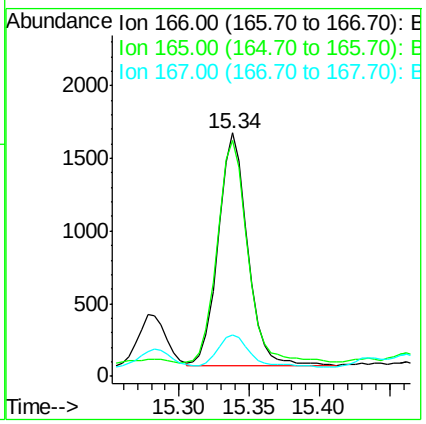
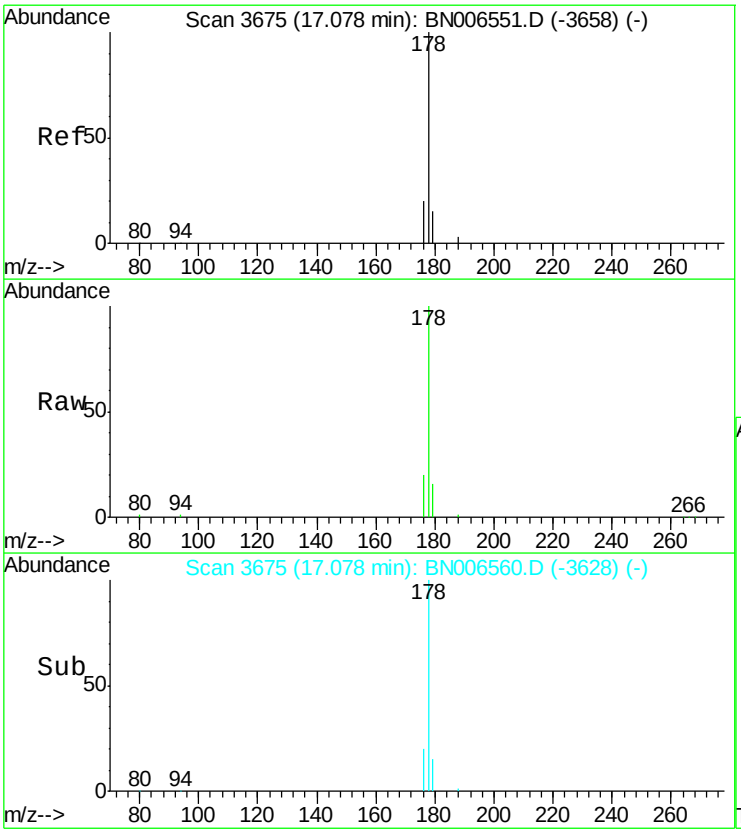
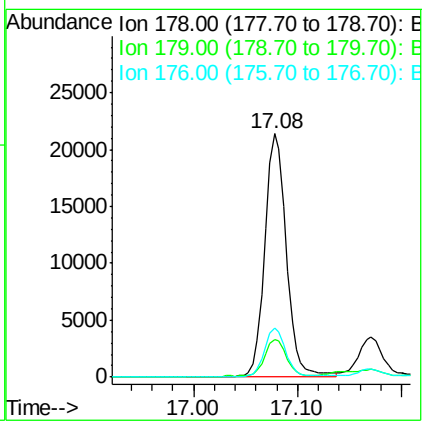


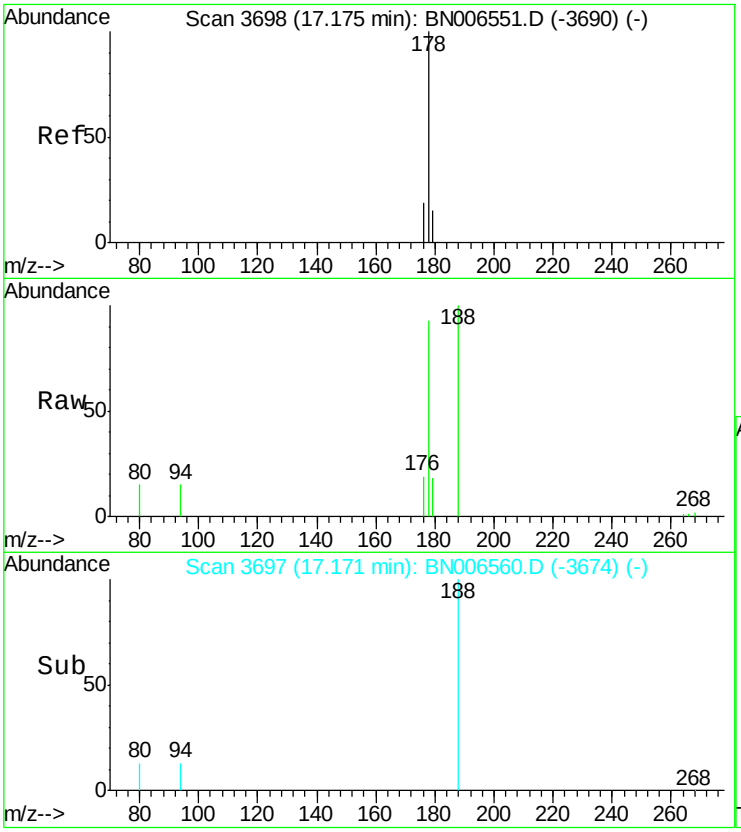


#12
Phenanthrene
Concen: 0.540 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:178 Resp: 30520

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.9	15.3	22.9





#13
Anthracene
Concen: 0.106 ng/ul
RT: 17.17 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:178 Resp: 5714

Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.2	18.4#
176	20.6	15.1	22.7

Instrument :
BNA_N
ClientSampleId :
A41Y6DL

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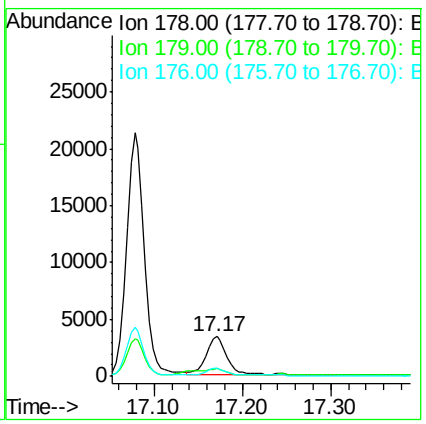
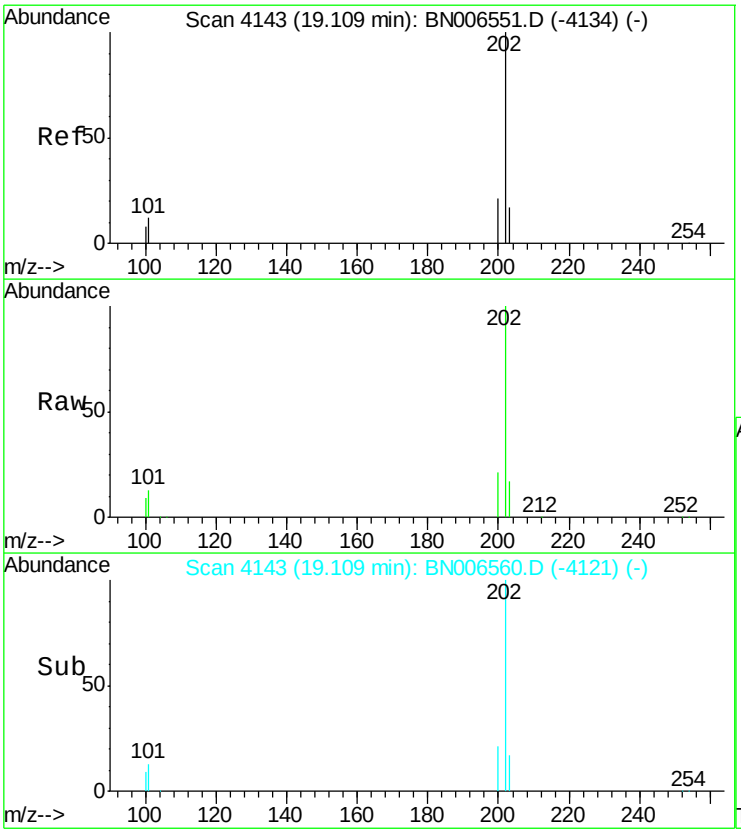
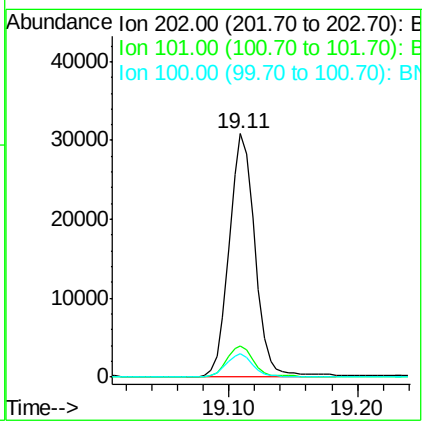


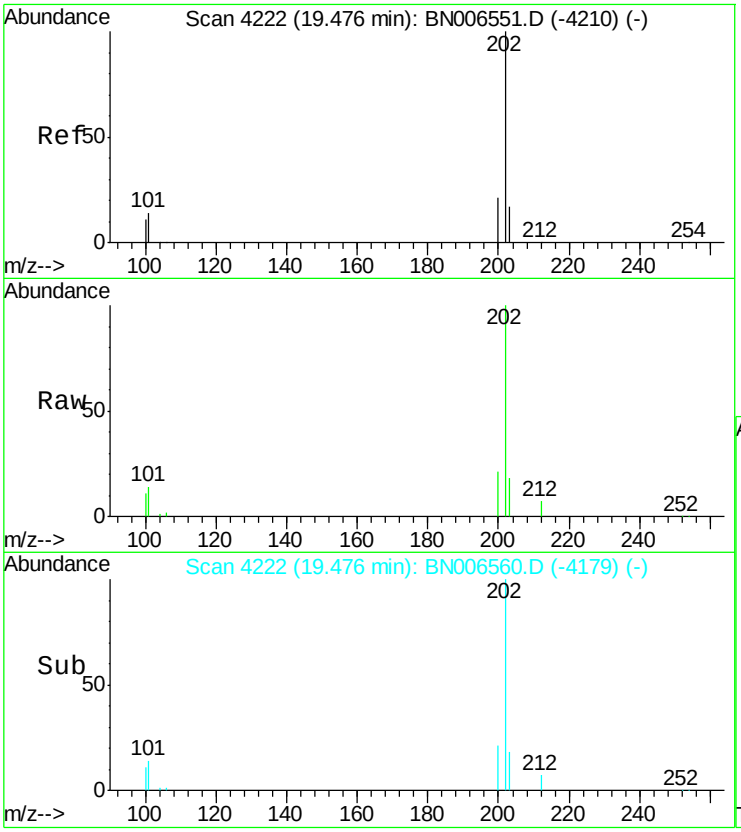


#15
Fluoranthene
Concen: 0.687 ng/ul
RT: 19.11 min Scan# 4143
Delta R.T. 0.00 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:202 Resp: 42867

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.1
100	9.4	0.0	28.7





#17
Pyrene
Concen: 0.633 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. 0.00 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:202 Resp: 35134

Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.2	18.2
100	11.1	9.8	14.6

Instrument :
BNA_N
ClientSampleId :
A41Y6DL

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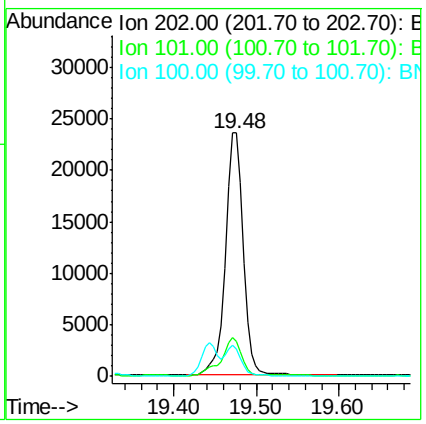
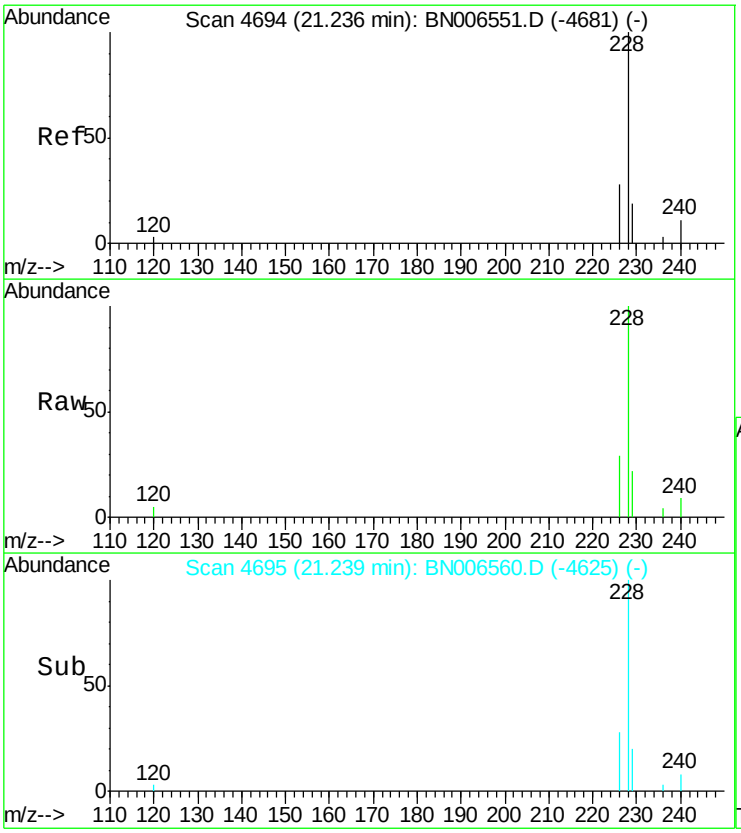
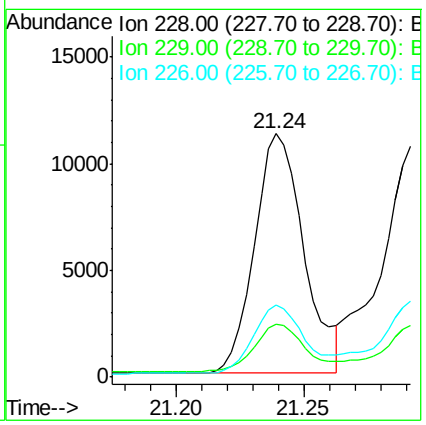


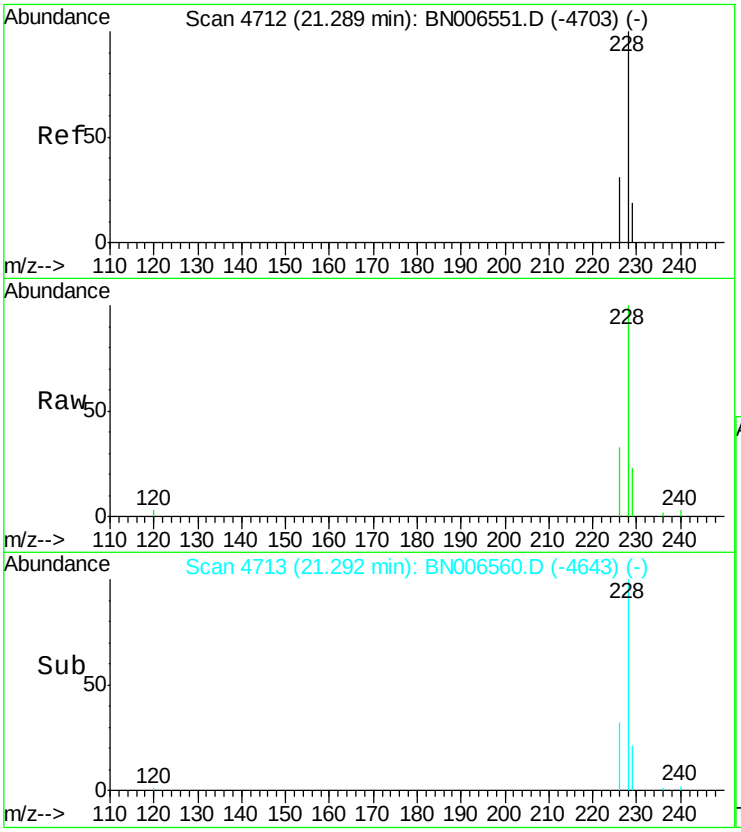


#18
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.24 min Scan# 4695
Delta R.T. 0.00 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:228 Resp: 15147

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.5	24.7
226	29.4	22.8	34.2

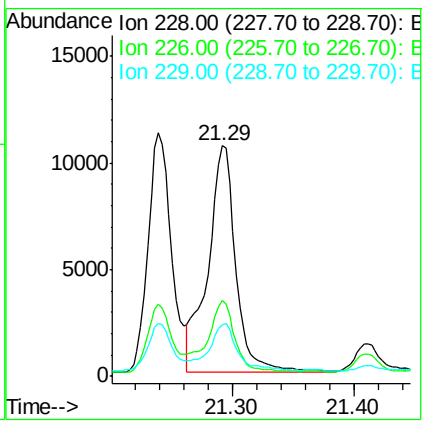




#19
Chrysene
Concen: 0.389 ng/ul
RT: 21.29 min Scan# 4713
Delta R.T. 0.00 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:228 Resp: 17008

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	22.6	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
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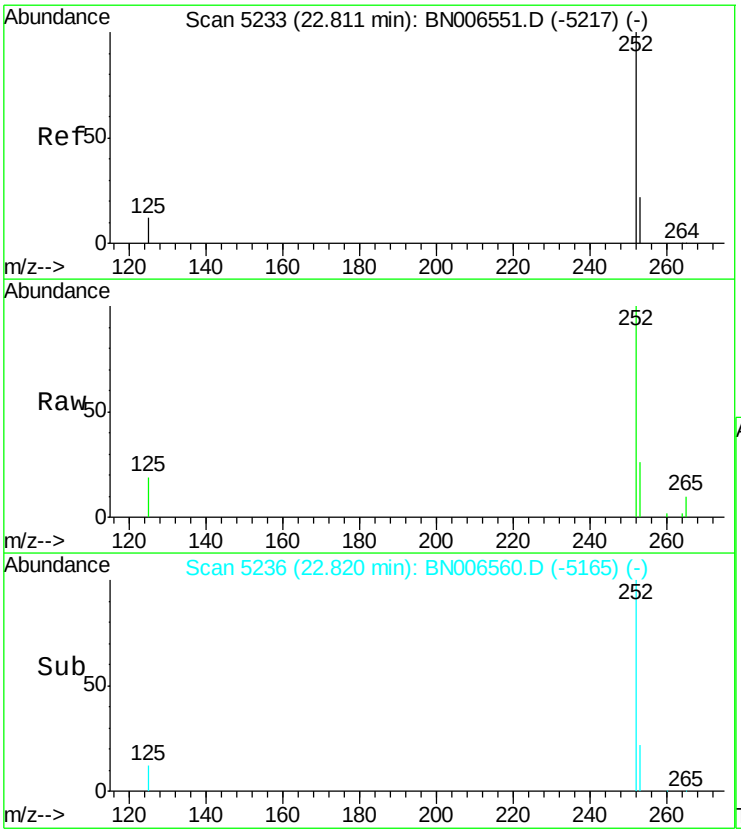
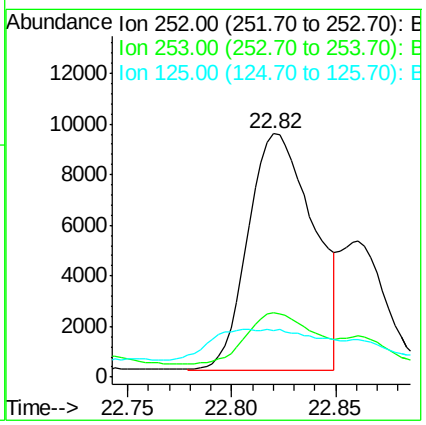
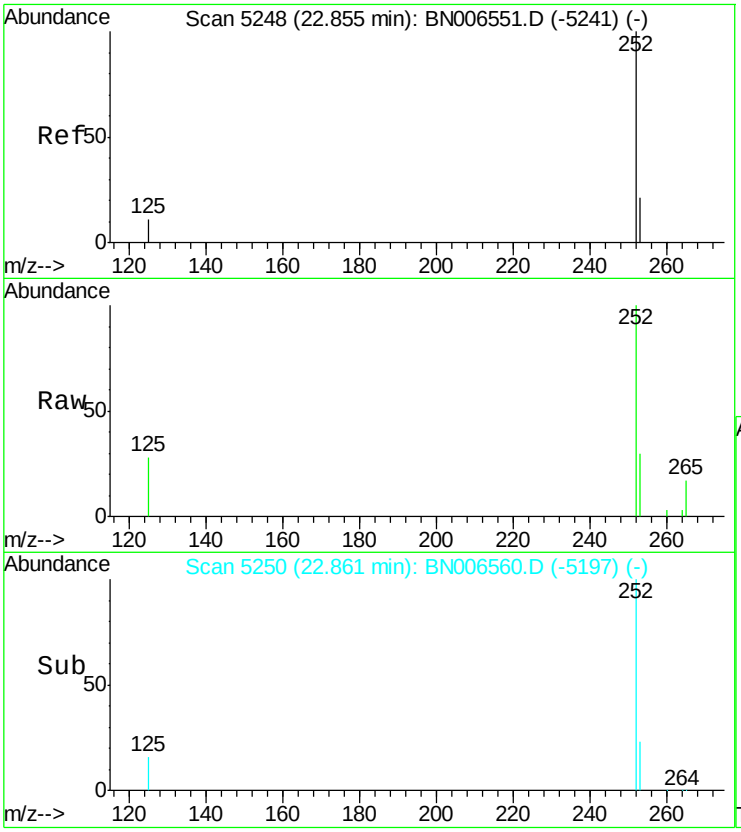


#21
Benzo(b)fluoranthene
Concen: 0.366 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. 0.01 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:252 Resp: 20500

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	51.4
125	19.2	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.149 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. 0.01 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:252 Resp: 8119

Ion	Ratio	Lower	Upper
252	100		
253	30.3	20.3	30.5
125	27.7	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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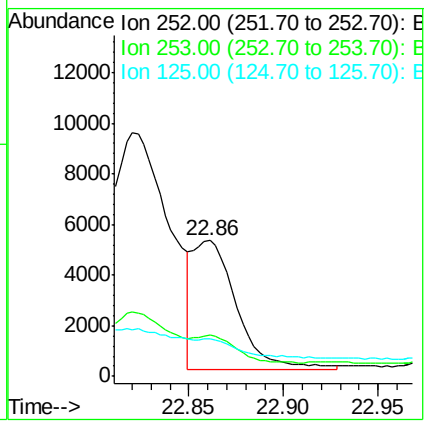
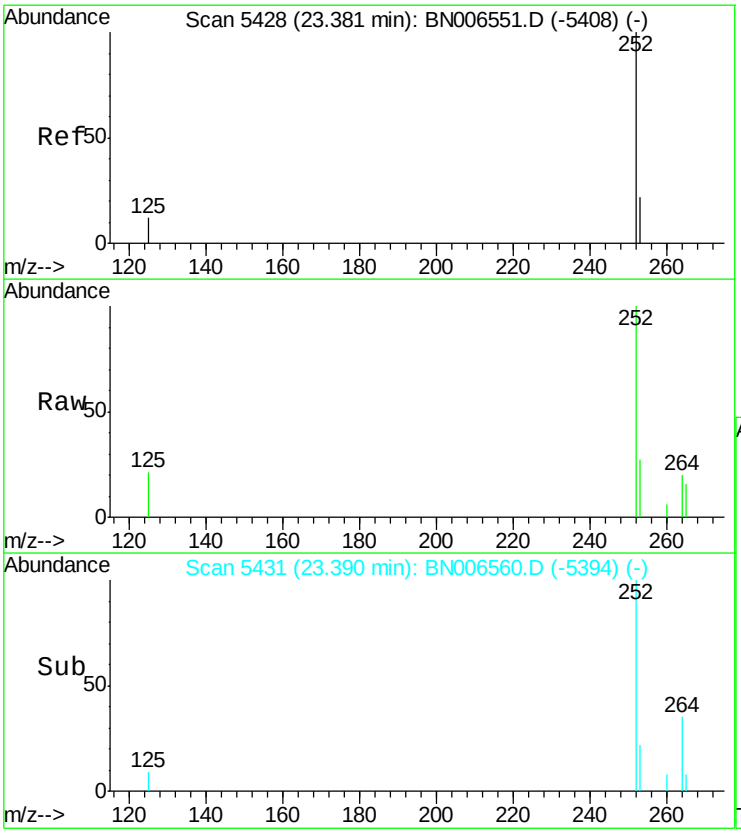
6/25/2019 10:21:37 PM

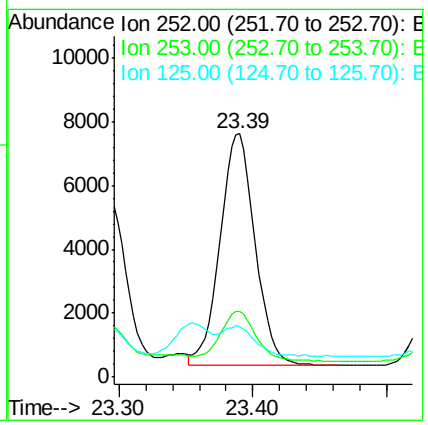


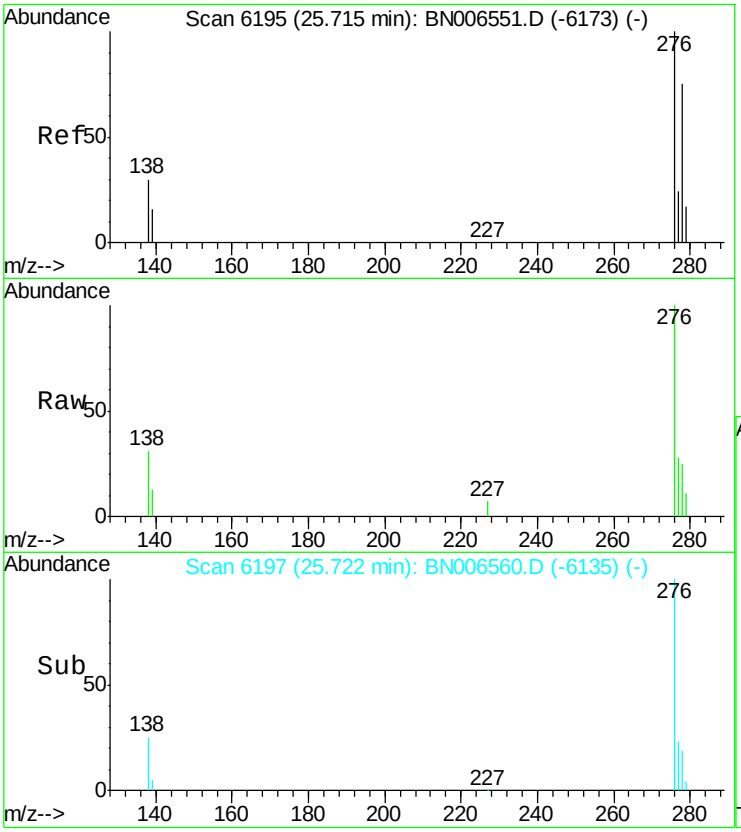


#23
Benzo(a)pyrene
Concen: 0.255 ng/ul
RT: 23.39 min Scan# 5431
Delta R.T. 0.01 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:252 Resp: 13306

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.1	31.7
125	20.9	20.3	30.5





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.174 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. 0.01 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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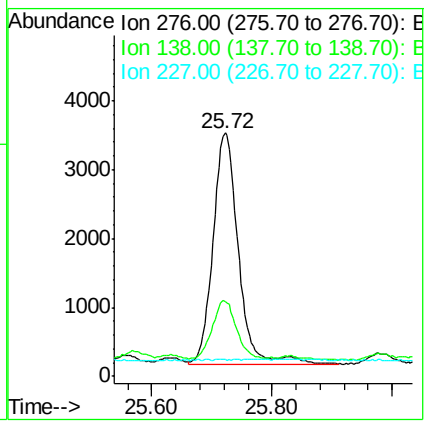
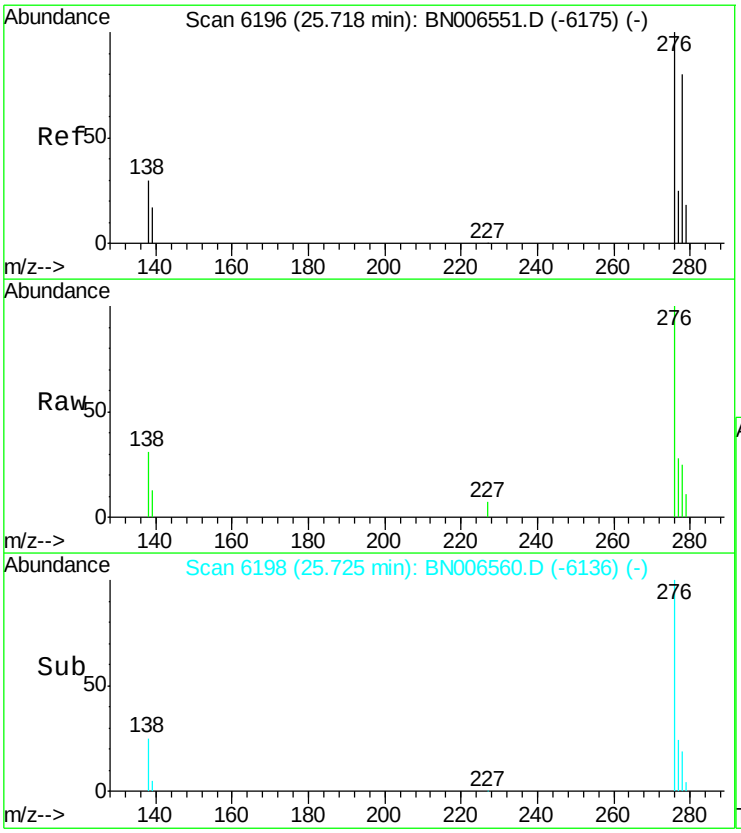
6/25/2019 10:21:37 PM

Tgt Ion:276 Resp: 9806

Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.6	38.4#
227	0.2	0.3	0.5#

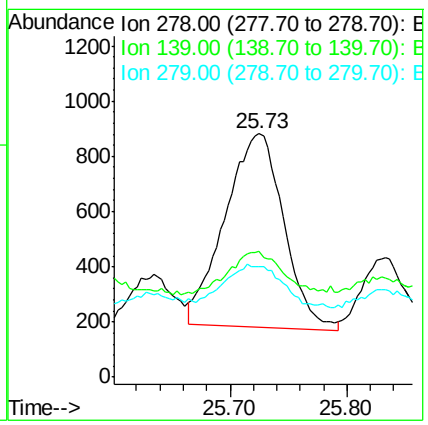


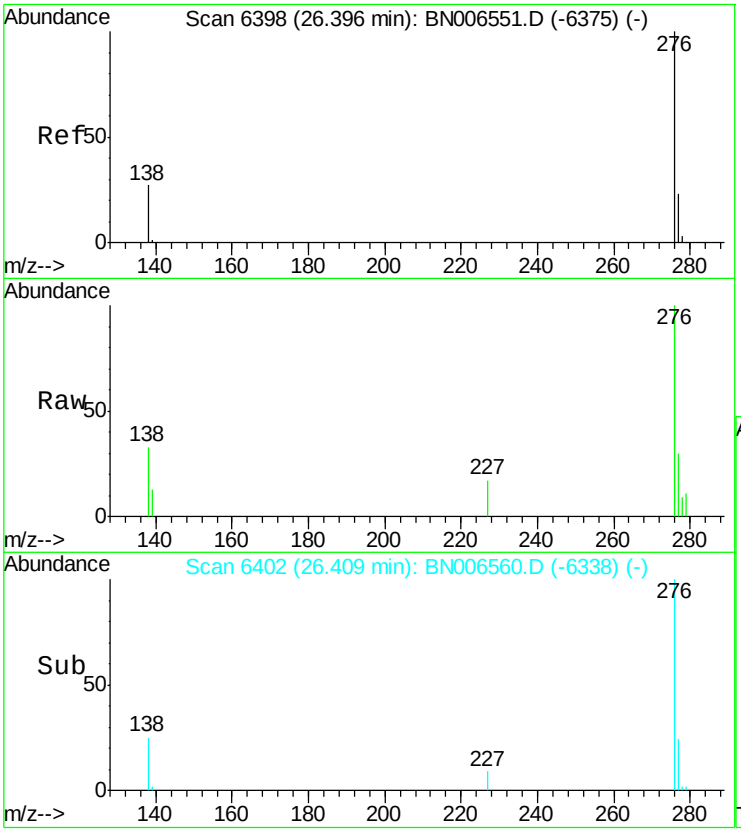


#25
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. 0.01 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:278 Resp: 2446

Ion	Ratio	Lower	Upper
278	100		
139	51.7	21.2	31.8#
279	45.5	22.6	33.8#

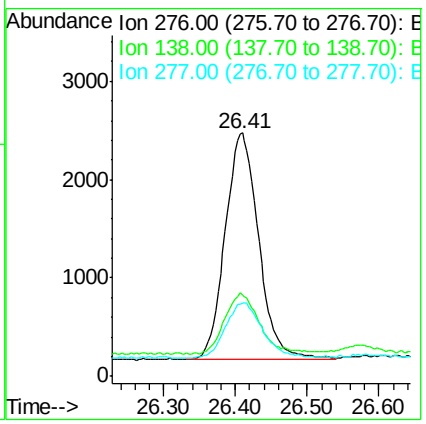




#26
Benzo(g,h,i)perylene
Concen: 0.157 ng/ul
RT: 26.41 min Scan# 6402
Delta R.T. 0.01 min
Lab File: BN006560.D
Acq: 25 Jun 2019 08:08

Tgt Ion:276 Resp: 7439

Ion	Ratio	Lower	Upper
276	100		
138	33.4	24.2	36.4
277	30.2	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
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