Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006499.D
Acq On : 22 Jun 2019 20:59
Operator : HP/JU
Sample : K3335-22DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41Y0DL

Manual Integrations APPROVED
mohammad
6/25/2019 8:44:41 AM

Quant Time: Jun 24 10:40:32 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	3991	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	15593	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8623	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17712	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	11583	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	11154	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	410	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	945	0.02	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	2955	0.069	ng/ul#	93
5) 2-Methylnaphthalene	12.09	142	1219	0.041	ng/ul	99
8) Acenaphthene	14.34	153	3722	0.112	ng/ul	99
9) Fluorene	15.34	166	4579	0.118	ng/ul	97
12) Phenanthrene	17.08	178	62026	1.091	ng/ul	99
13) Anthracene	17.17	178	16036	0.295	ng/ul	97
15) Fluoranthene	19.10	202	64936	1.034	ng/ul	97
17) Pyrene	19.47	202	54777	0.898	ng/ul	99
18) Benzo(a)anthracene	21.23	228	21545	0.421	ng/ul	100
19) Chrysene	21.29	228	18833	0.392	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	18552m	0.399	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	8529m	0.188	ng/ul	
23) Benzo(a)pyrene	23.38	252	13083	0.302	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.71	276	7710	0.164	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.71	278	2080	0.055	ng/ul#	73
26) Benzo(g,h,i)perylene	26.39	276	5785	0.147	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006499.D
Acq On : 22 Jun 2019 20:59
Operator : HP/JU
Sample : K3335-22DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 24 10:40:32 2019
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Instrument :
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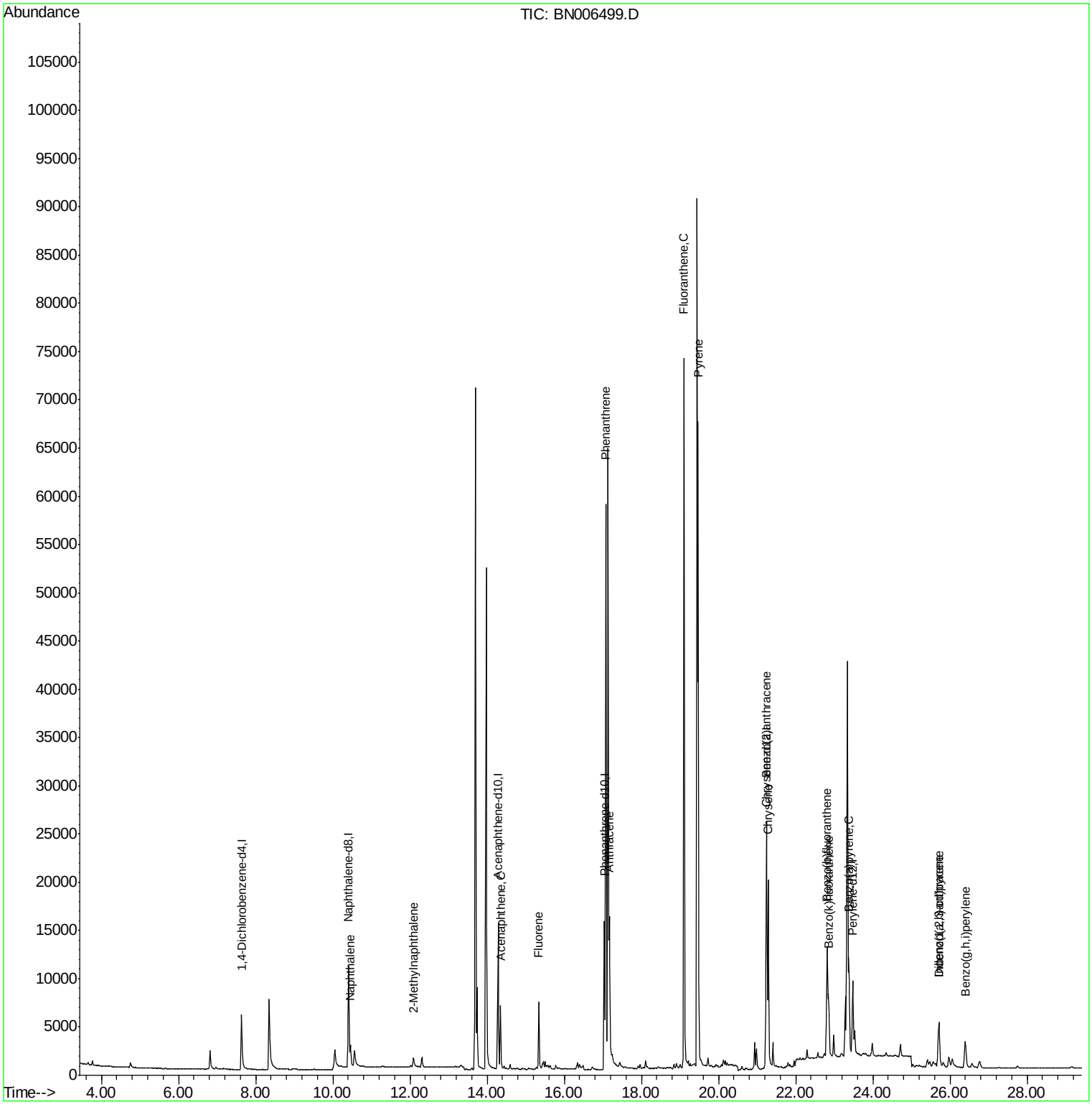

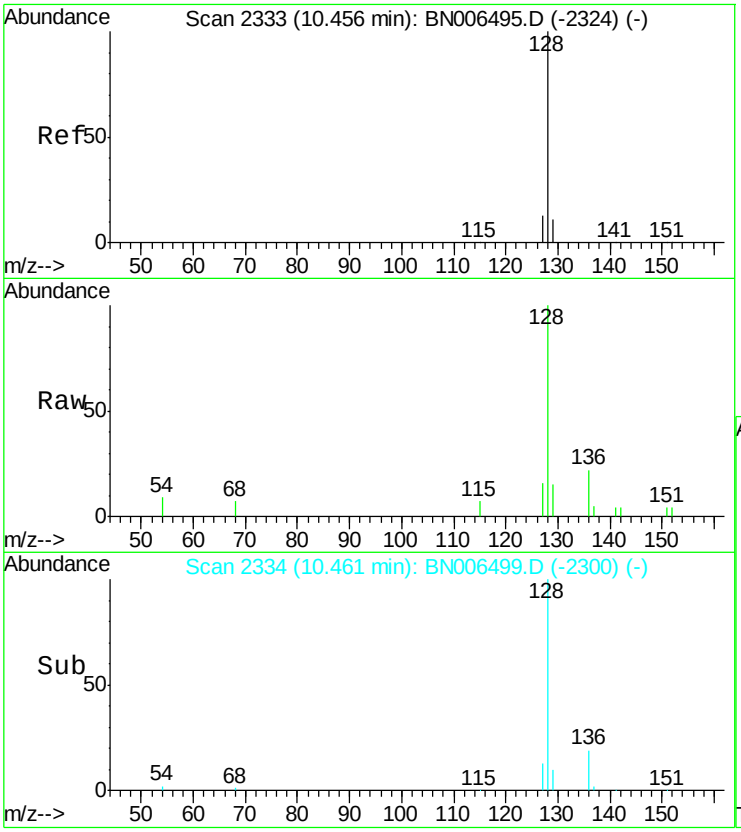

#3
Naphthalene
Concen: 0.069 ng/ul
RT: 10.46 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:128 Resp: 2955

Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.3	13.9#
127	15.7	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
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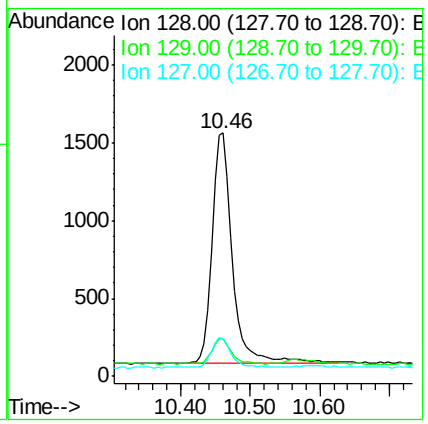
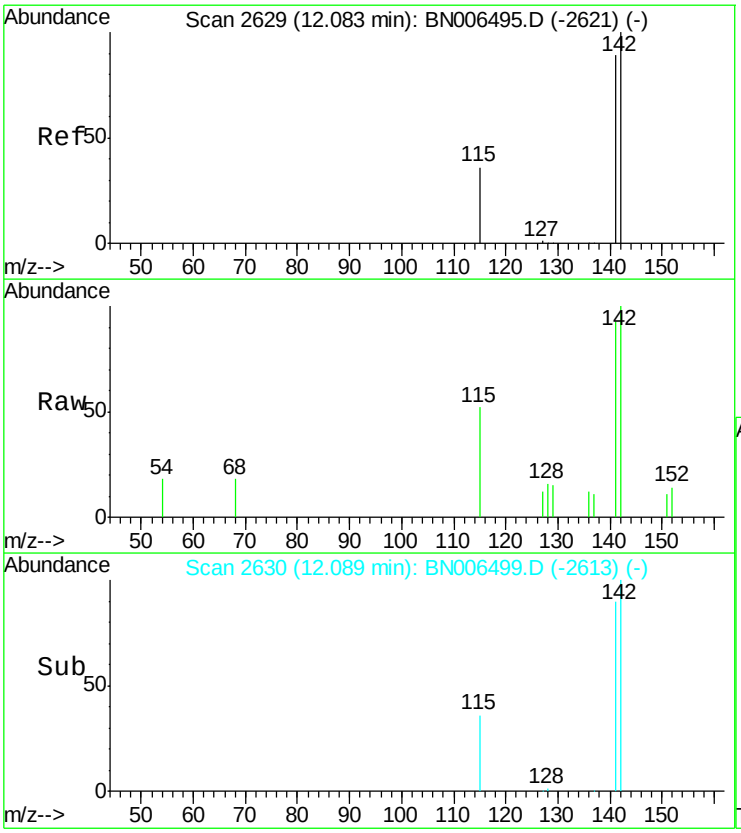
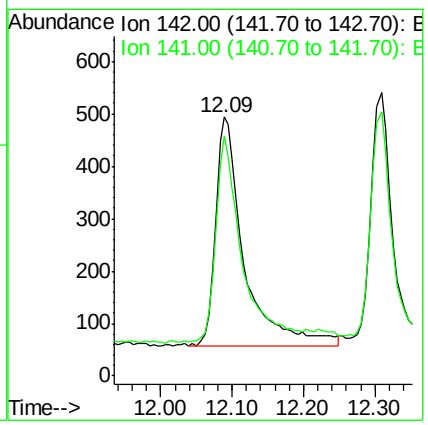


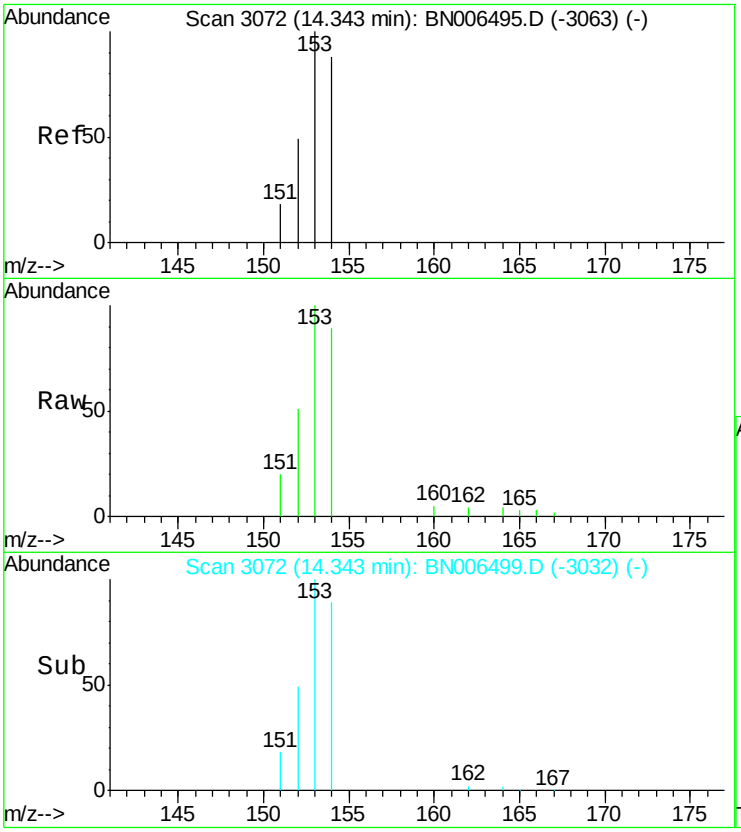


#5
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.09 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:142 Resp: 1219

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5

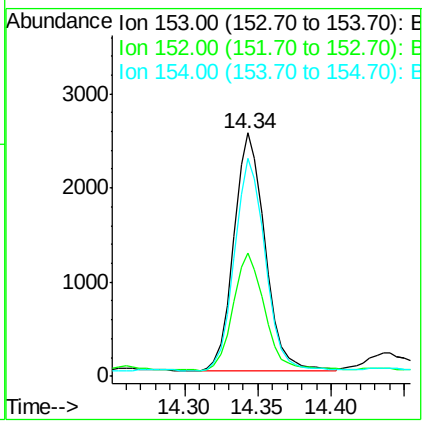




#8
Acenaphthene
Concen: 0.112 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:153 Resp: 3722

Ion	Ratio	Lower	Upper
153	100		
152	50.8	39.1	58.7
154	89.4	71.1	106.7



Instrument :
BNA_N
ClientSampleId :
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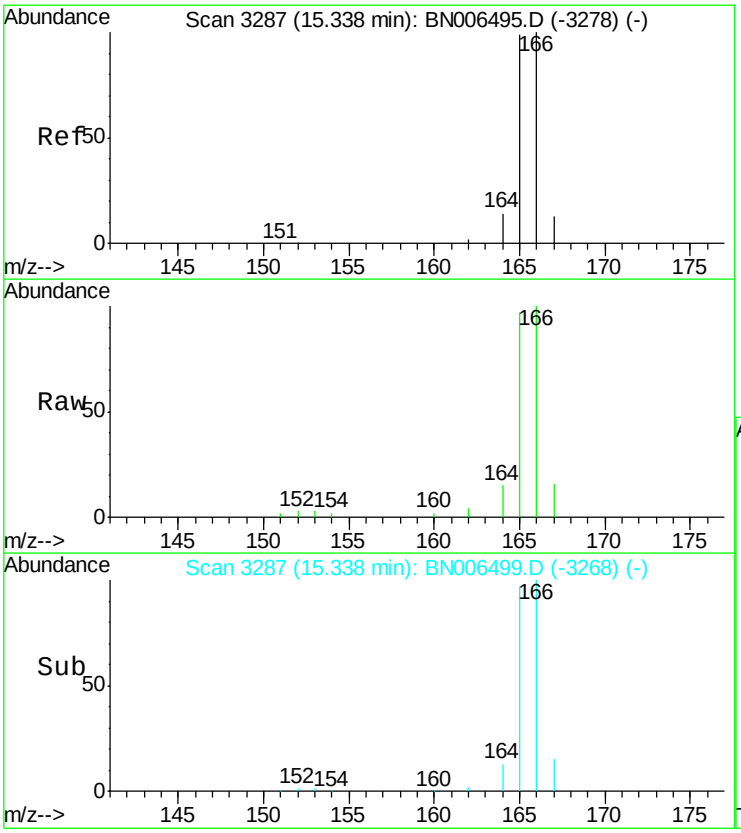
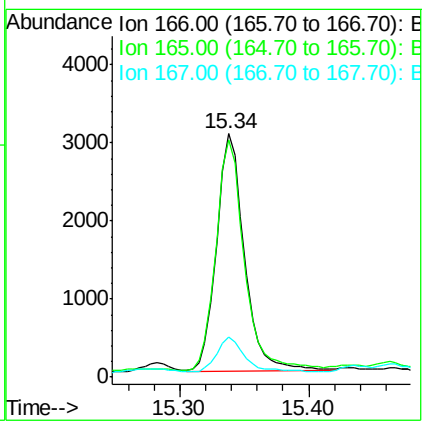
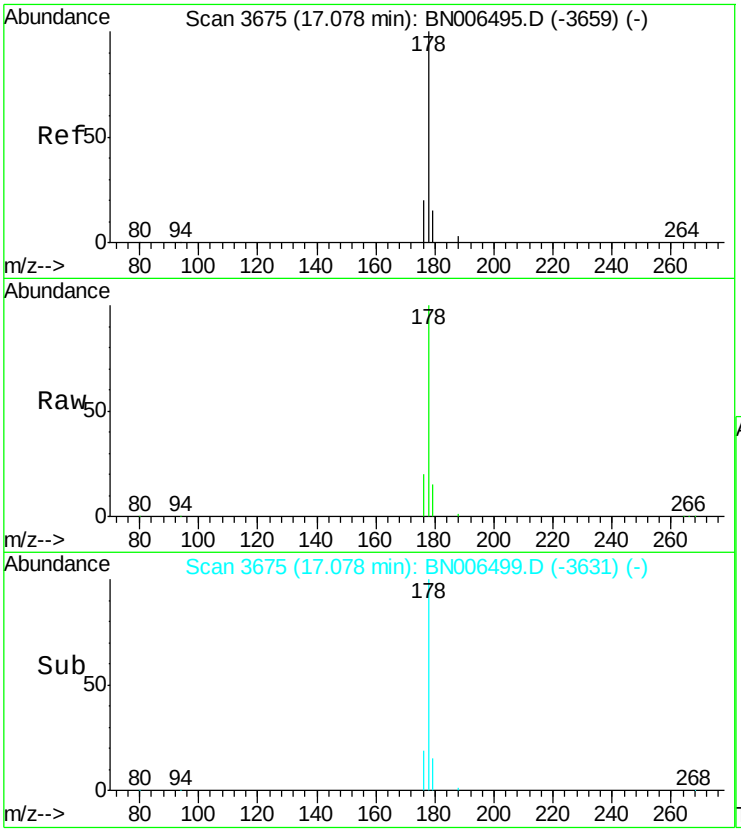


#9
Fluorene
Concen: 0.118 ng/ul
RT: 15.34 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:166 Resp: 4579

Ion	Ratio	Lower	Upper
166	100		
165	97.5	76.4	114.6
167	16.5	11.0	16.6

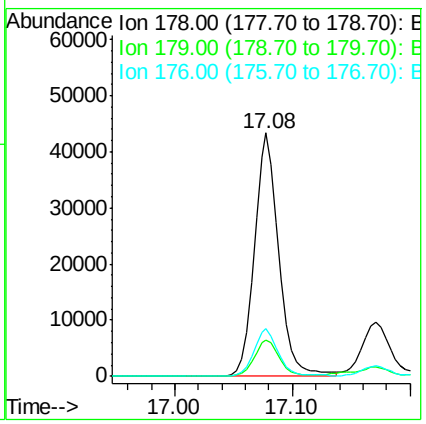




#12
Phenanthrene
Concen: 1.091 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:178 Resp: 62026

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.5	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A41Y0DL

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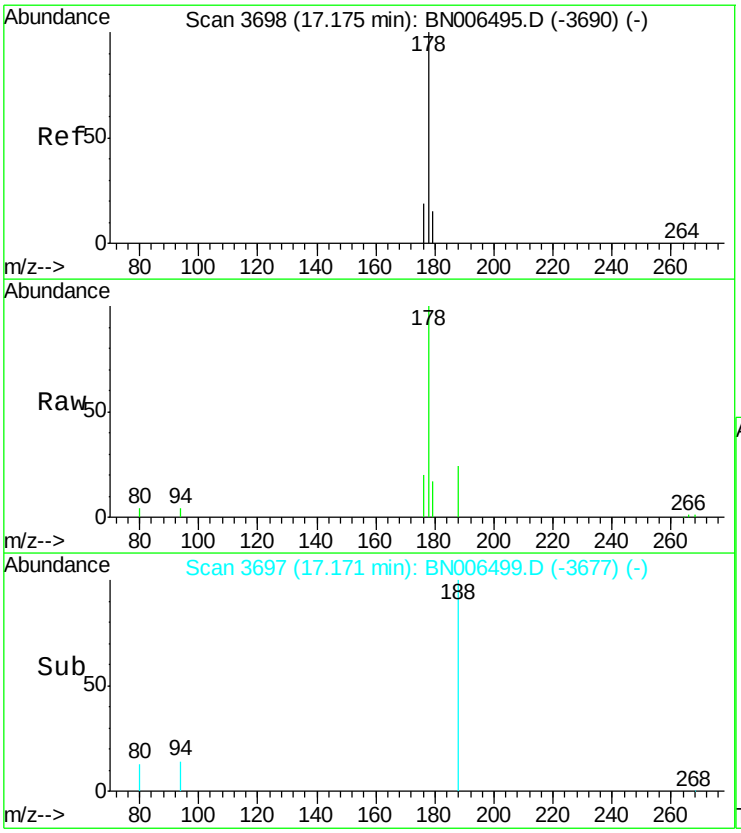
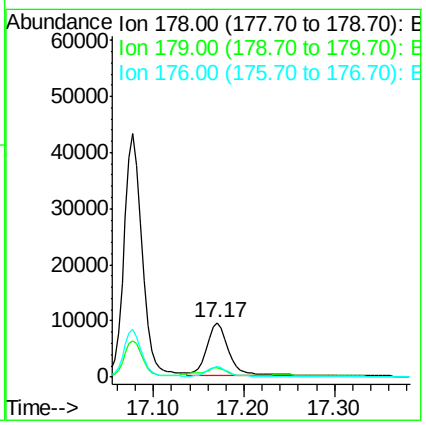
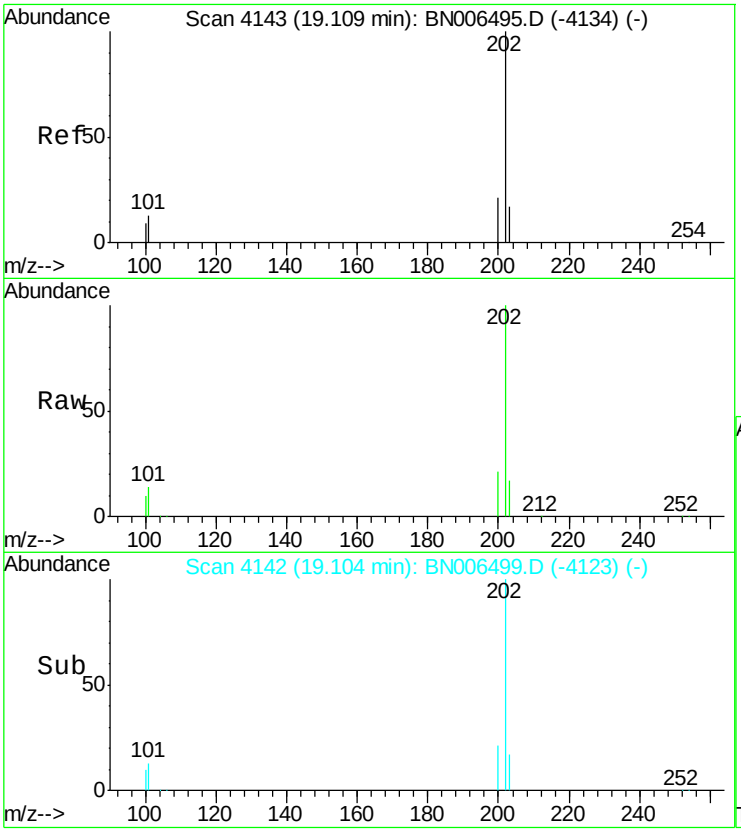


#13
Anthracene
Concen: 0.295 ng/ul
RT: 17.17 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:178 Resp: 16036

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.2	18.4
176	19.5	15.1	22.7

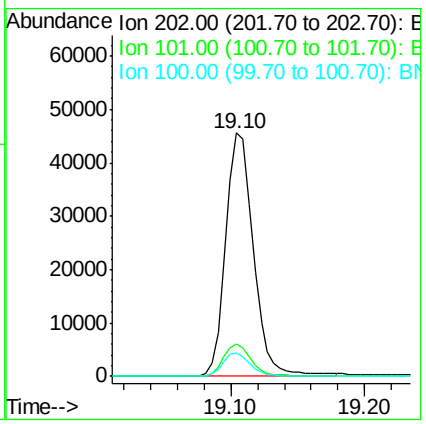




#15
Fluoranthene
Concen: 1.034 ng/ul
RT: 19.10 min Scan# 4142
Delta R.T. -0.01 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:202 Resp: 64936

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.1
100	9.8	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
A41Y0DL

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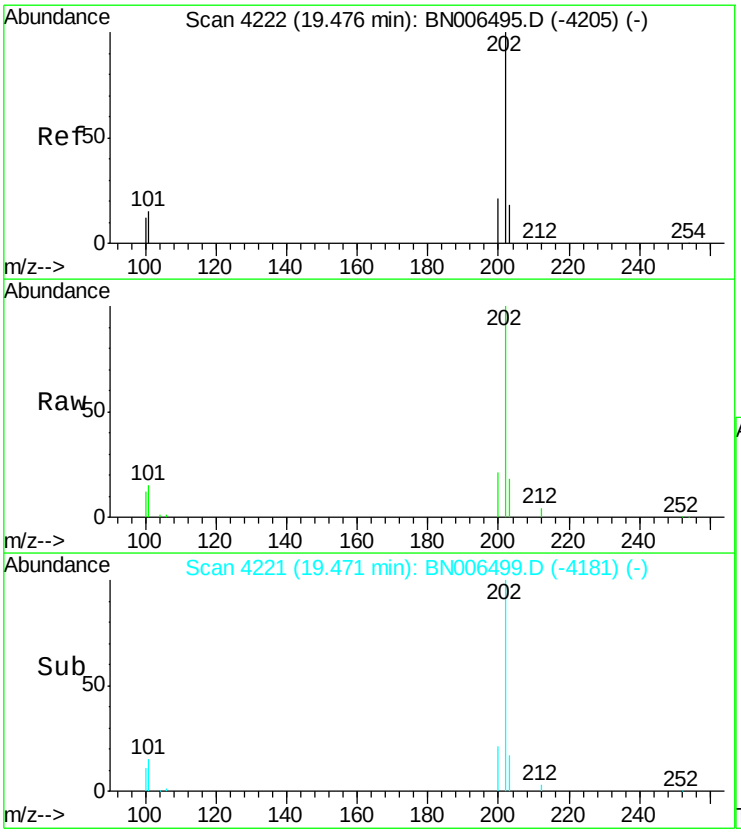
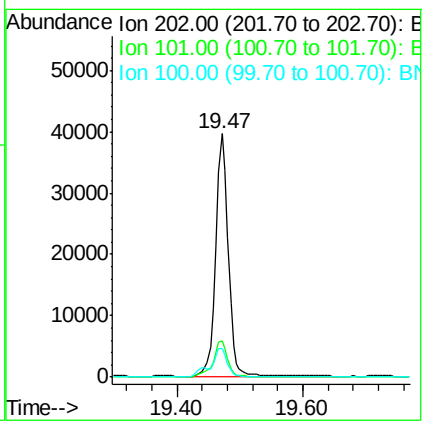
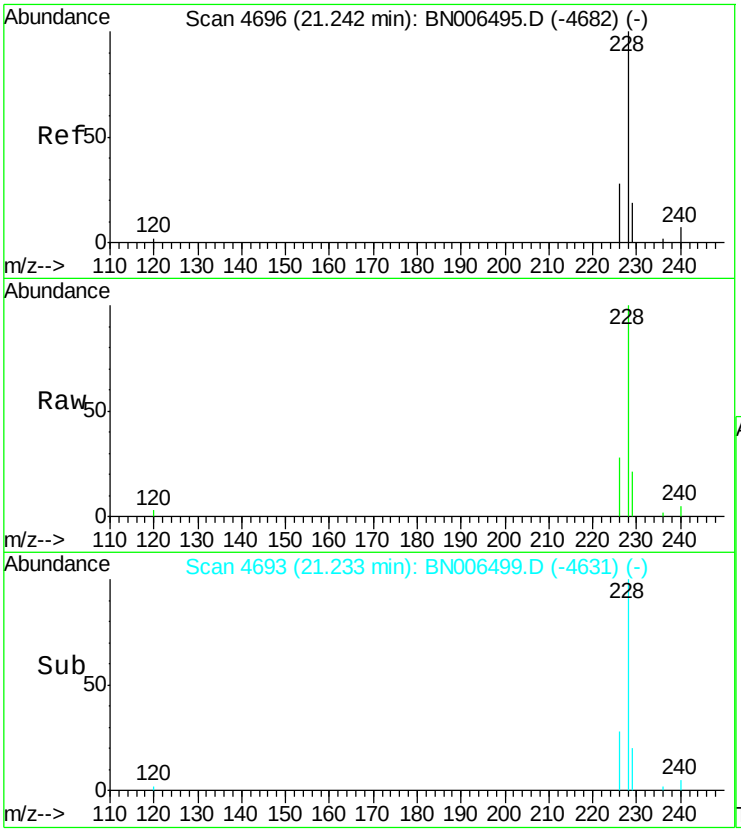


#17
Pyrene
Concen: 0.898 ng/ul
RT: 19.47 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:202 Resp: 54777

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.2
100	11.5	9.8	14.6

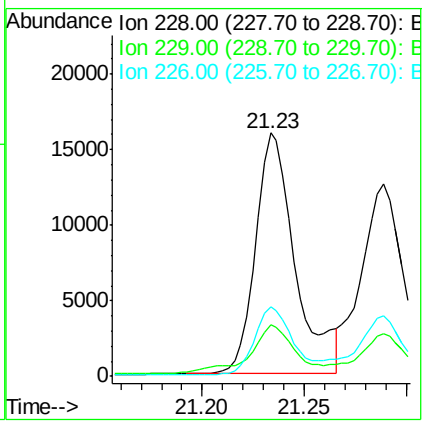




#18
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.23 min Scan# 4693
Delta R.T. -0.02 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:228 Resp: 21545

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.5	24.7
226	28.5	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
A41Y0DL

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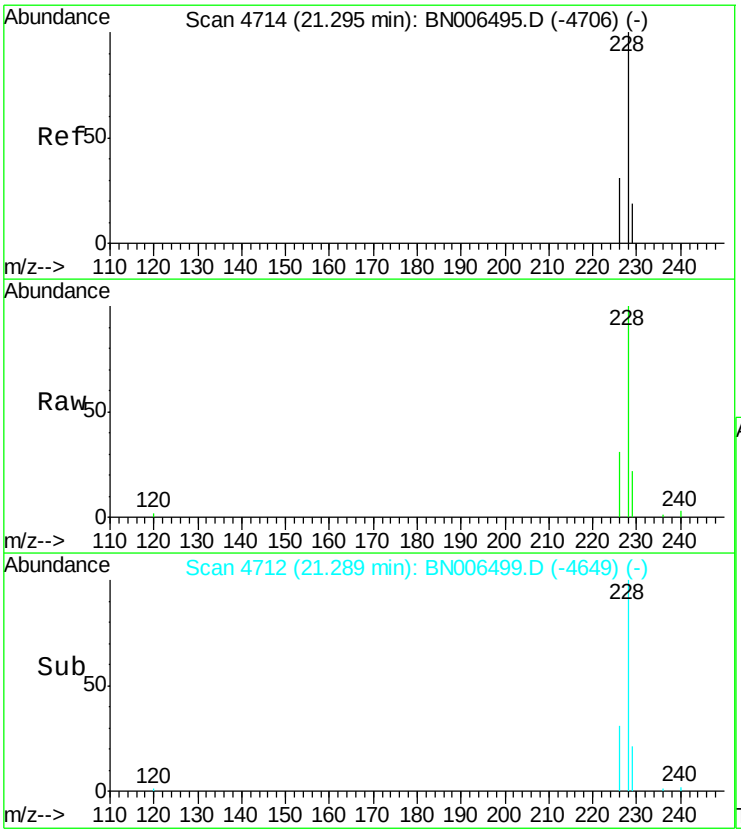
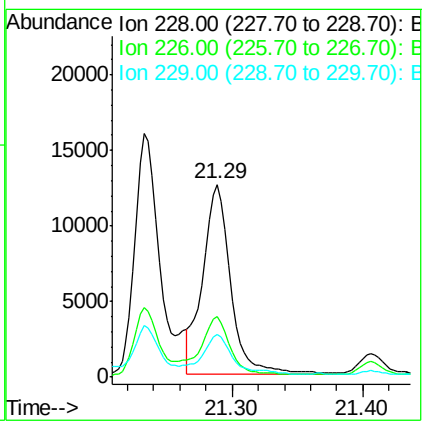
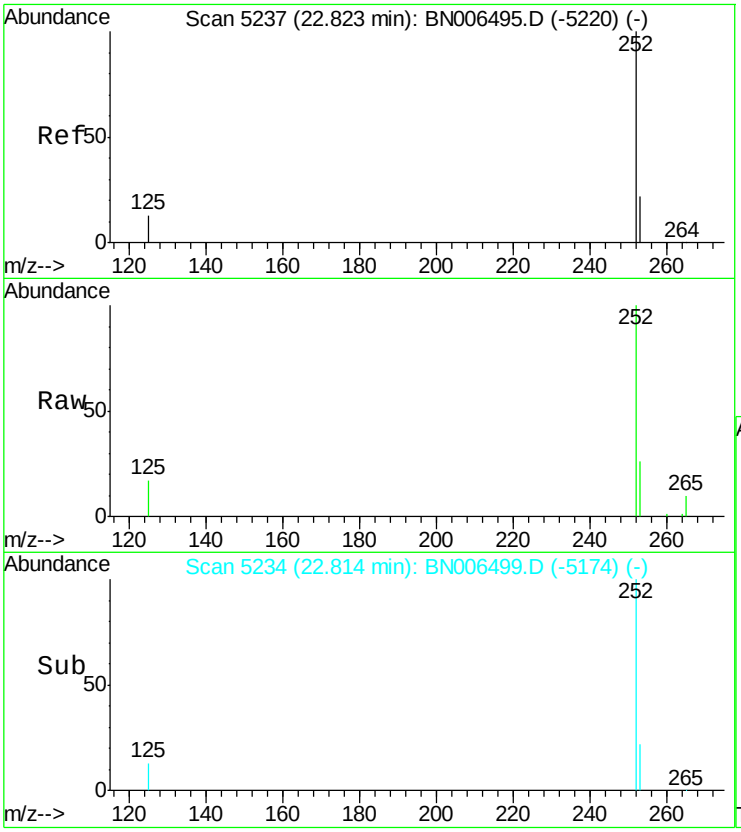


#19
Chrysene
Concen: 0.392 ng/ul
RT: 21.29 min Scan# 4712
Delta R.T. -0.02 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:228 Resp: 18833

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.3	16.3	24.5

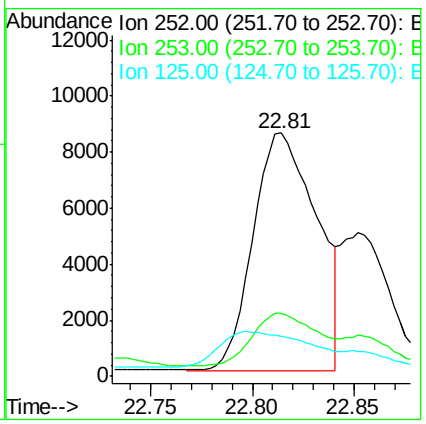




#21
Benzo(b)fluoranthene
Concen: 0.399 ng/ul m
RT: 22.81 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:252 Resp: 18552

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	51.4
125	16.6	0.0	41.0



Instrument :
BNA_N
ClientSampleId :
A41Y0DL

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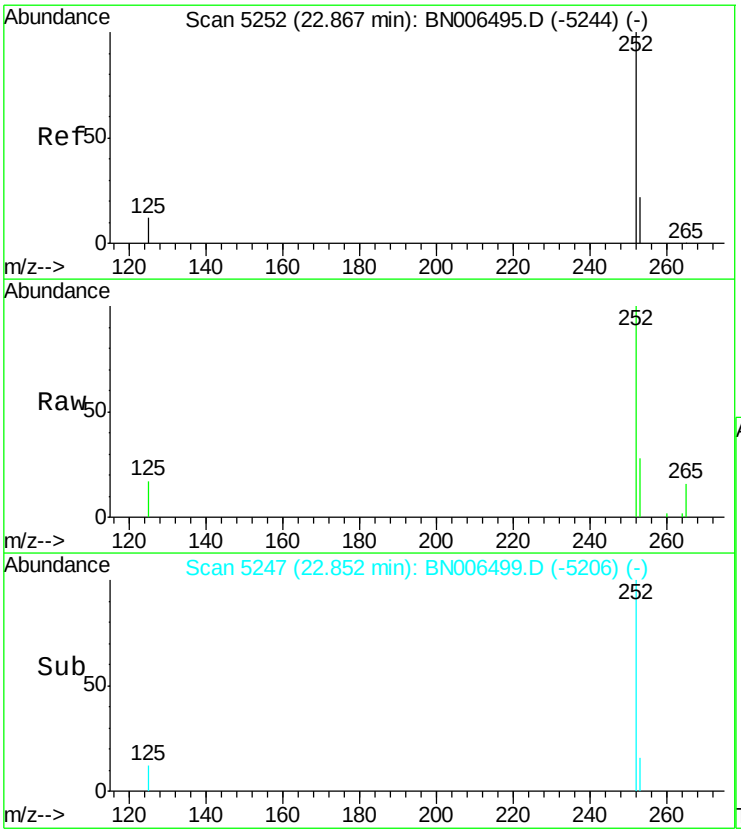
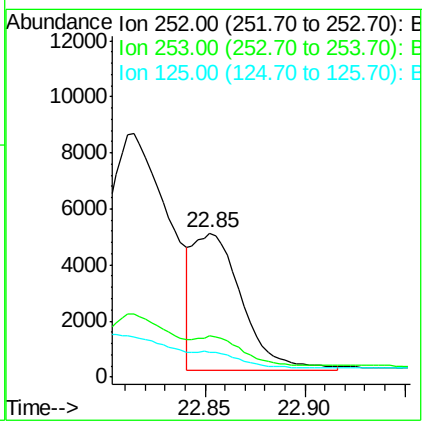
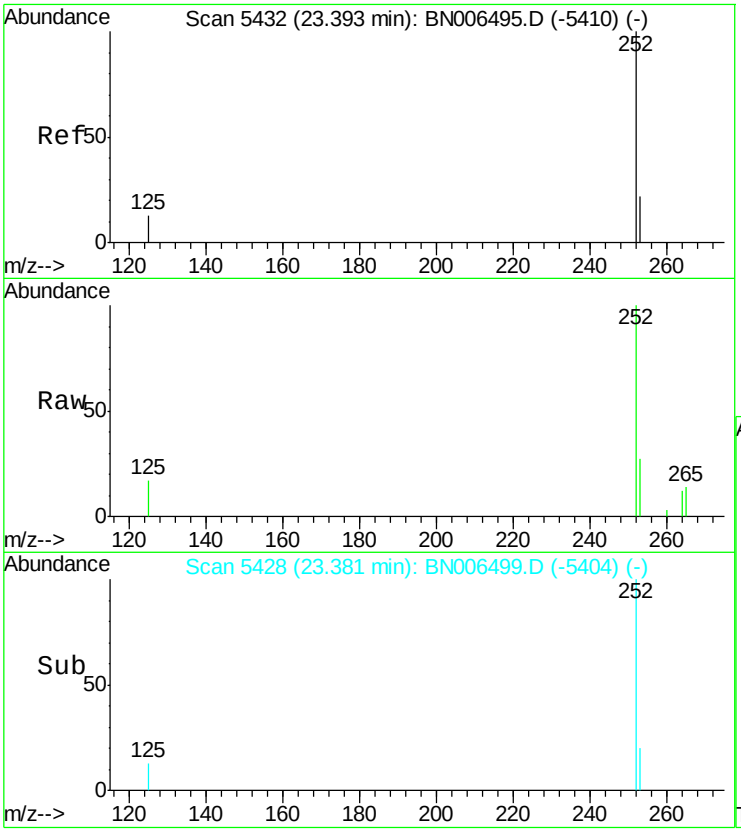


#22
Benzo(k)fluoranthene
Concen: 0.188 ng/ul m
RT: 22.85 min Scan# 5247
Delta R.T. -0.03 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:252 Resp: 8529

Ion	Ratio	Lower	Upper
252	100		
253	28.2	20.3	30.5
125	17.4	14.3	21.5





#23
Benzo(a)pyrene
Concen: 0.302 ng/ul
RT: 23.38 min Scan# 5428
Delta R.T. -0.03 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:252 Resp: 13083

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.1	31.7
125	17.3	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
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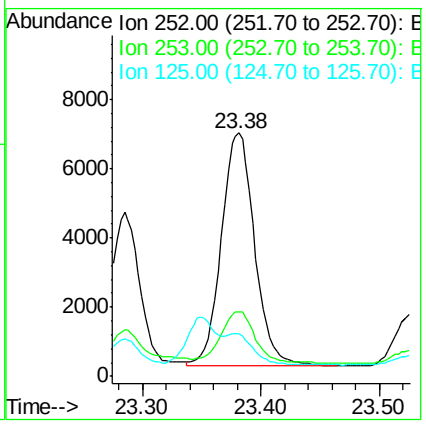
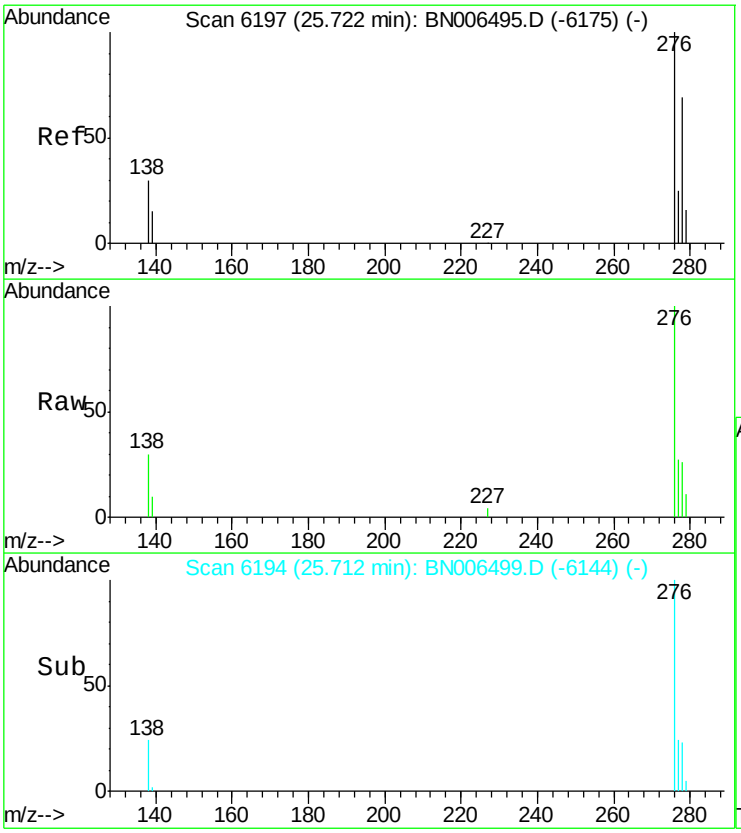
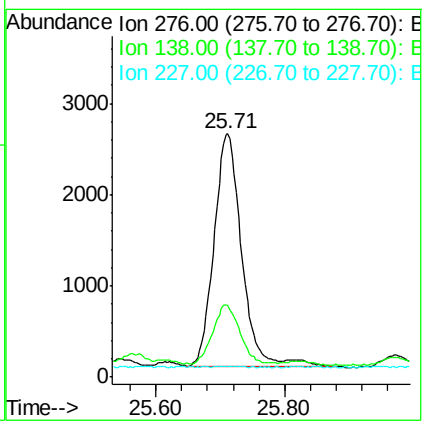


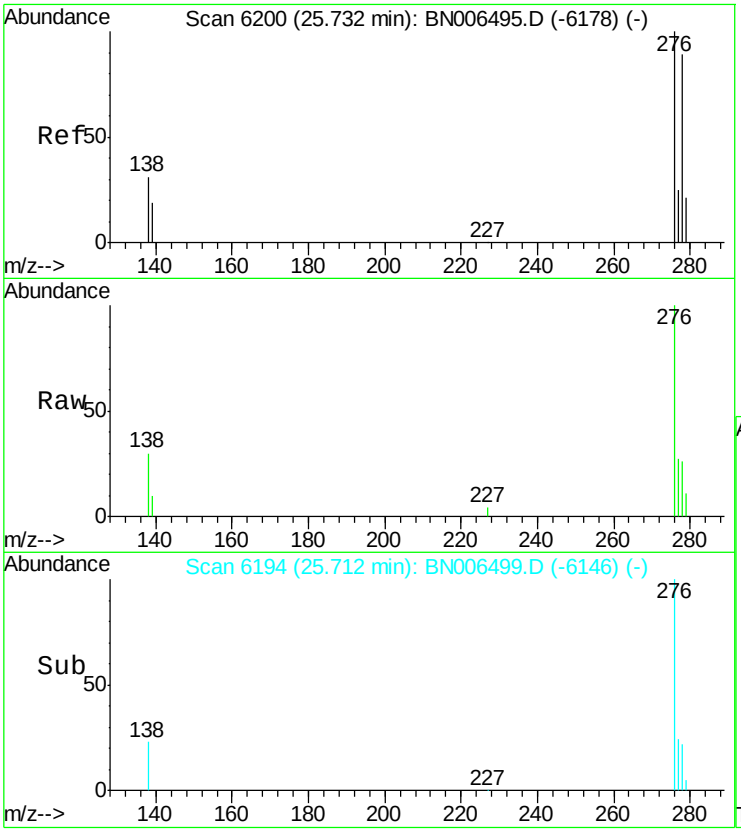


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 25.71 min Scan# 6194
Delta R.T. -0.03 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:276 Resp: 7710

Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.6	38.4#
227	0.2	0.3	0.5#





#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 25.71 min Scan# 6194
Delta R.T. -0.04 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:278 Resp: 2080

Ion	Ratio	Lower	Upper
278	100		
139	40.3	21.2	31.8#
279	42.1	22.6	33.8#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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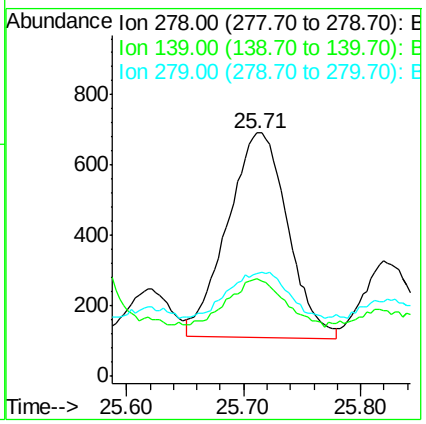
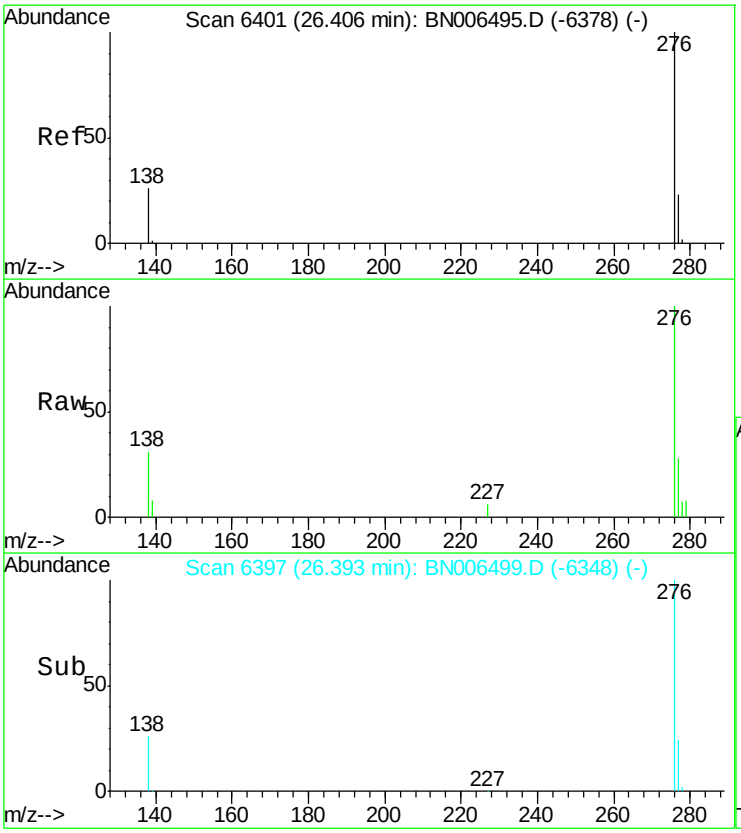
6/25/2019 8:44:41 AM





#26
Benzo(g,h,i)perylene
Concen: 0.147 ng/ul
RT: 26.39 min Scan# 6397
Delta R.T. -0.04 min
Lab File: BN006499.D
Acq: 22 Jun 2019 20:59

Tgt Ion:276 Resp: 5785

Ion	Ratio	Lower	Upper
276	100		
138	31.5	24.2	36.4
277	27.8	21.5	32.3