Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006578.D
Acq On : 25 Jun 2019 19:43
Operator : HP/JU
Sample : K3388-08DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Jun 26 01:13:29 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 : A4219DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5391	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20115	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9618	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17930	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10138	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	10998m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1327	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2095	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1114	0.020	ng/ul#	80
7) Acenaphthylene	14.00	152	2128	0.040	ng/ul#	90
8) Acenaphthene	14.34	153	4028	0.109	ng/ul	98
9) Fluorene	15.34	166	7400	0.171	ng/ul	99
12) Phenanthrene	17.08	178	198128	3.442	ng/ul	100
13) Anthracene	17.17	178	47840	0.870	ng/ul	99
15) Fluoranthene	19.11	202	377181	5.935	ng/ul	100
17) Pyrene	19.47	202	285060	5.338	ng/ul	100
18) Benzo(a)anthracene	21.24	228	141498	3.156	ng/ul	99
19) Chrysene	21.29	228	146362	3.477	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	185009m	4.034	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	69864m	1.564	ng/ul	
23) Benzo(a)pyrene	23.38	252	122461	2.867	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.72	276	86350	1.868	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.72	278	21610	0.585	ng/ul	97
26) Benzo(g,h,i)perylene	26.40	276	75196	1.942	ng/ul	94

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

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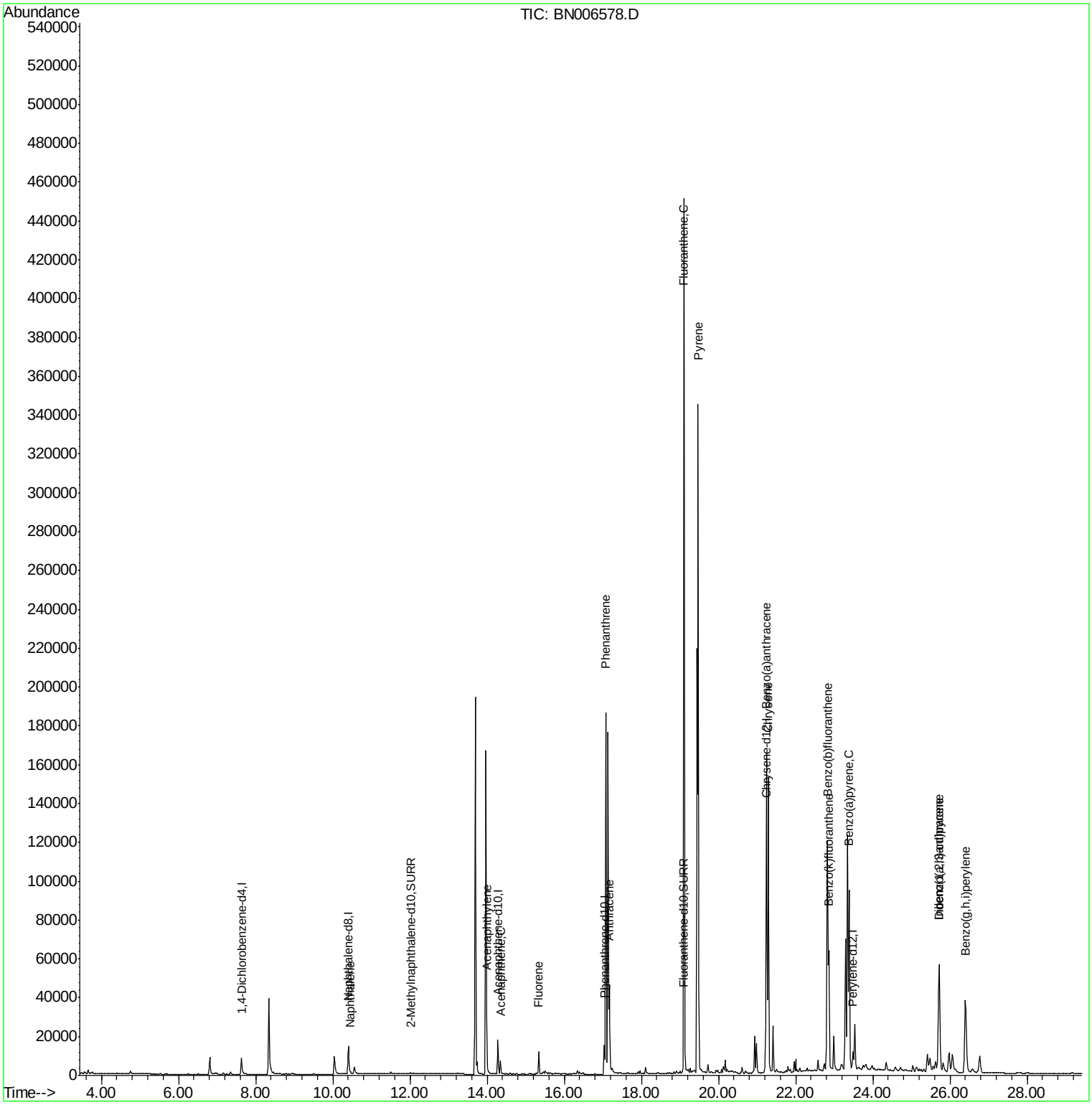

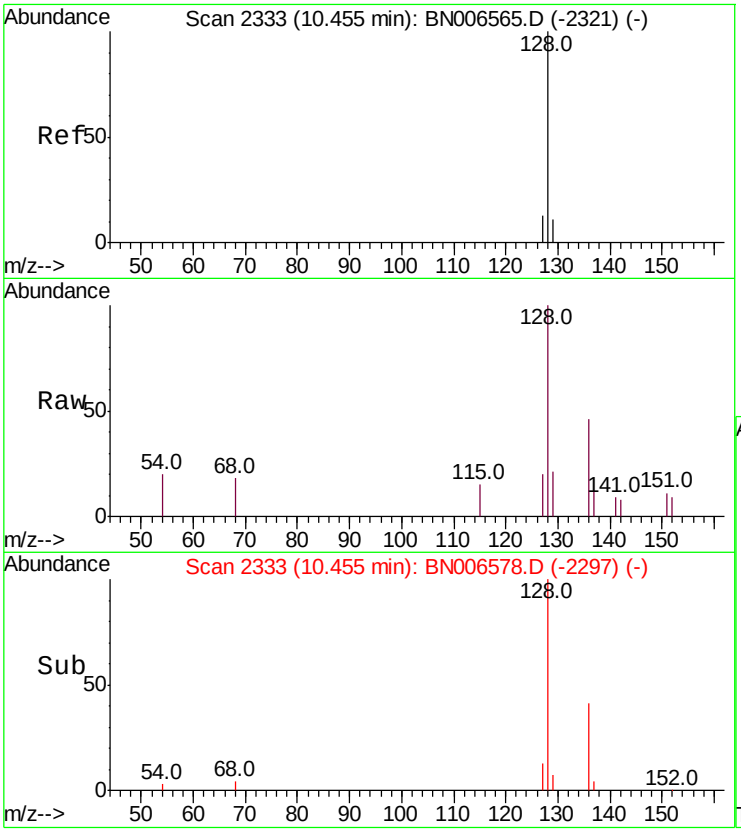

#3
Naphthalene
Concen: 0.020 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:128 Resp: 1114

Ion	Ratio	Lower	Upper
128	100		
129	21.0	9.3	13.9#
127	19.9	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
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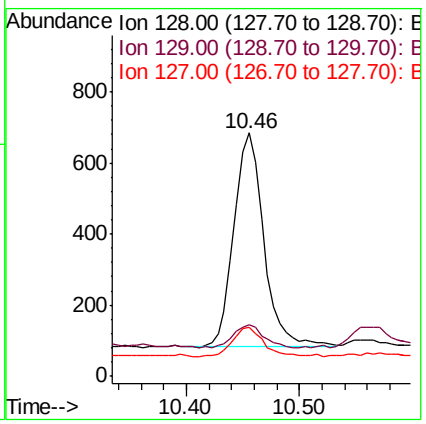
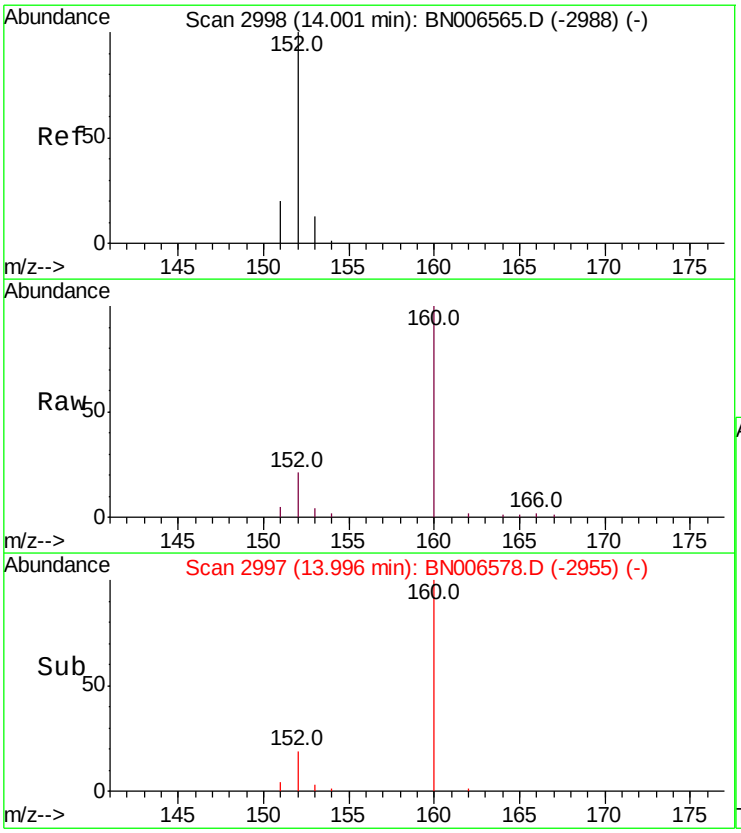
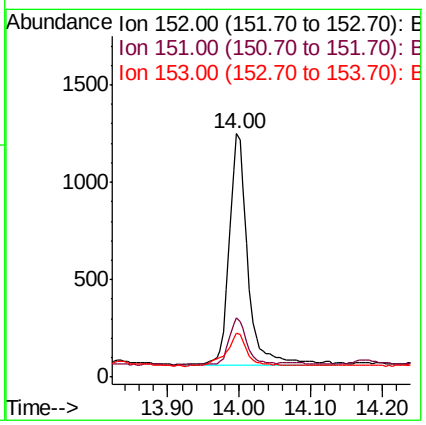


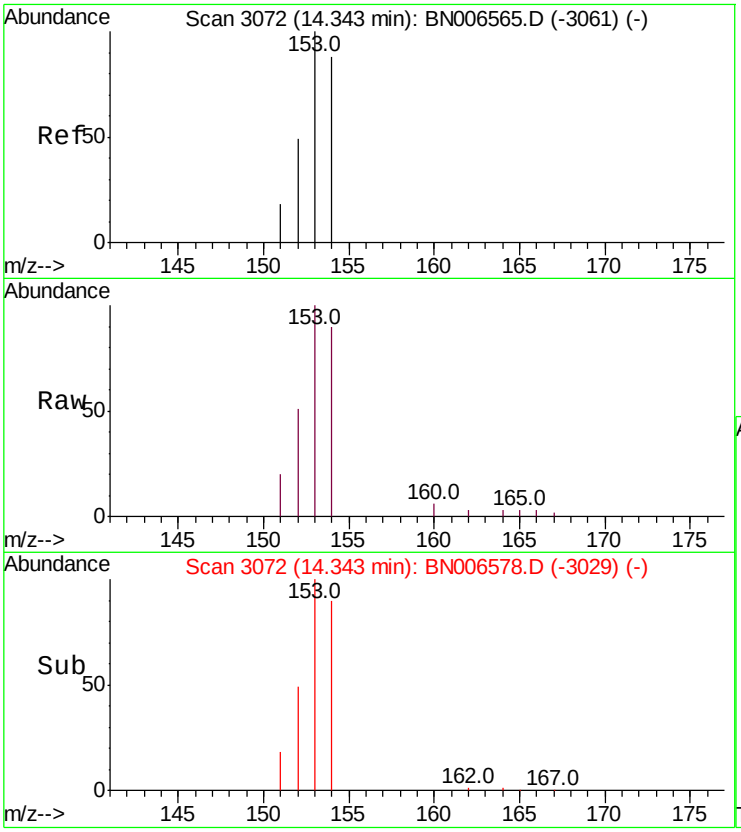


#7
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.00 min Scan# 2997
Delta R.T. -0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:152 Resp: 2128

Ion	Ratio	Lower	Upper
152	100		
151	24.2	15.8	23.8#
153	17.8	10.8	16.2#





#8
Acenaphthene
Concen: 0.109 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:153 Resp: 4028

Ion	Ratio	Lower	Upper
153	100		
152	51.0	39.1	58.7
154	89.9	71.1	106.7

Instrument :
BNA_N
ClientSampleId :
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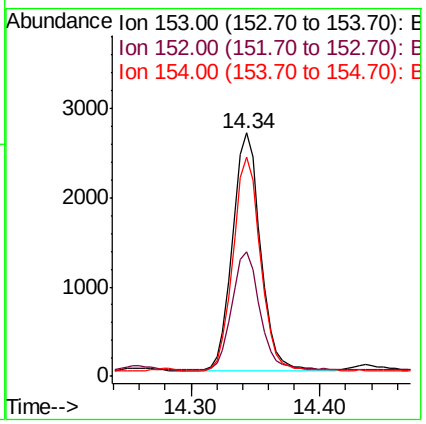
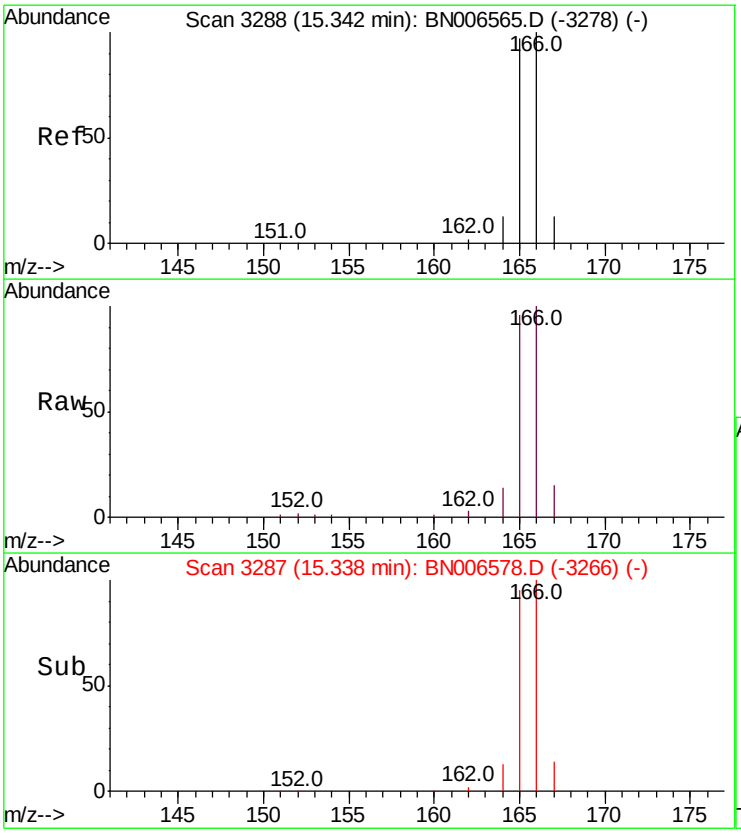
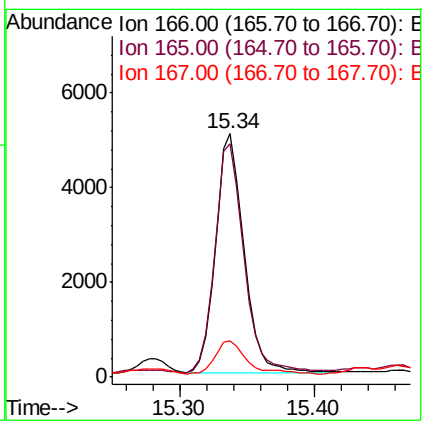


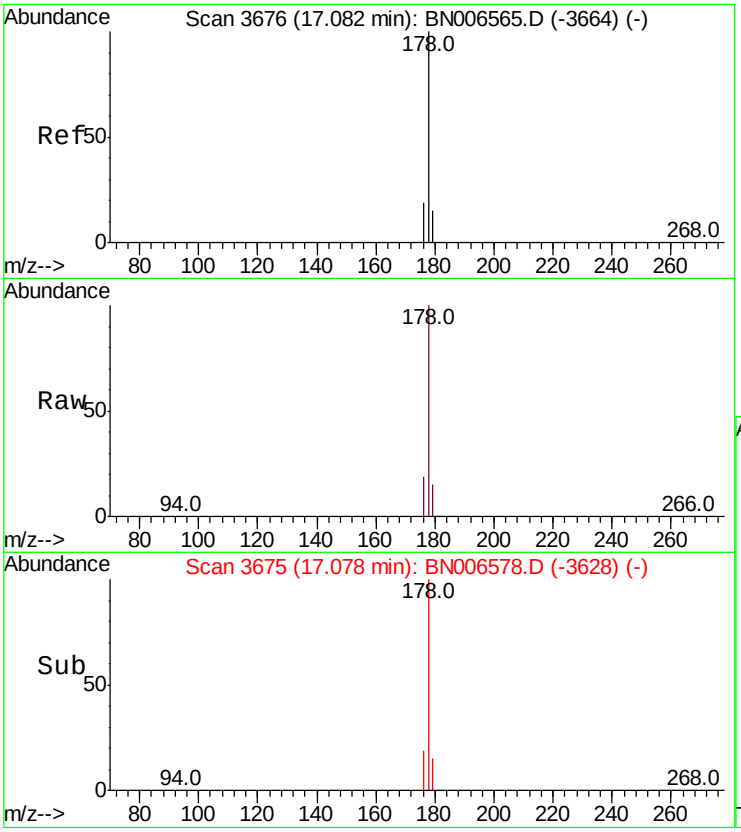


#9
Fluorene
Concen: 0.171 ng/ul
RT: 15.34 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:166 Resp: 7400

Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.4	114.6
167	15.0	11.0	16.6

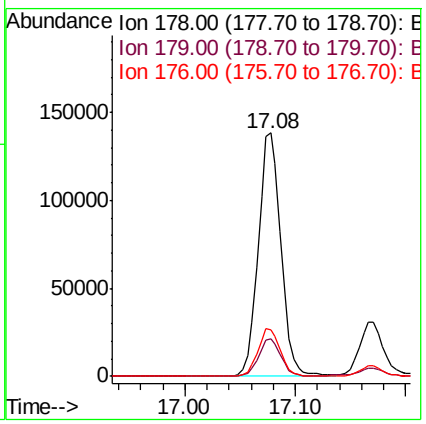




#12
Phenanthrene
Concen: 3.442 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:178 Resp: 198128

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.3	15.3	22.9



Instrument :
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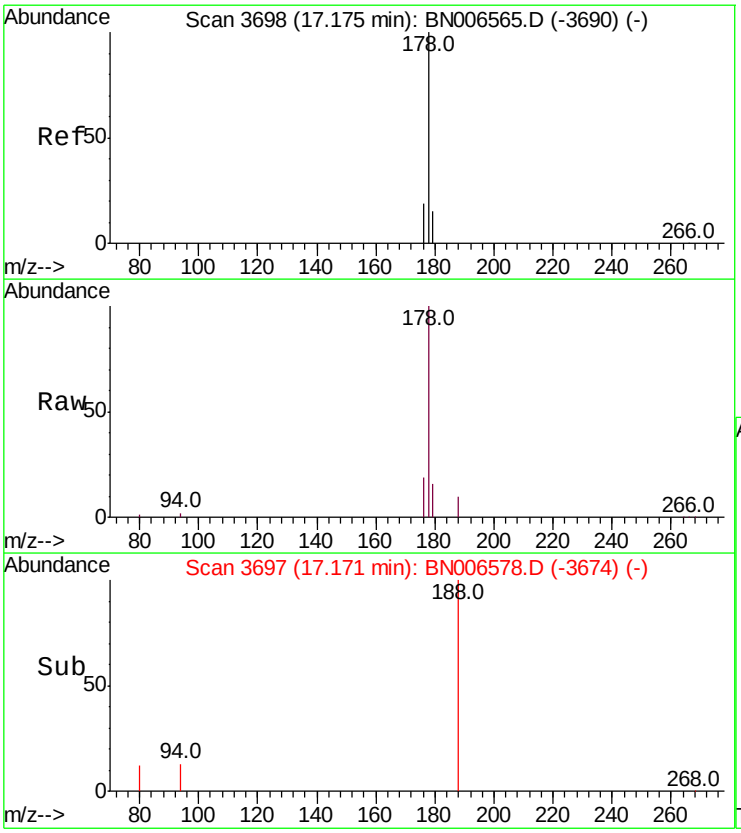
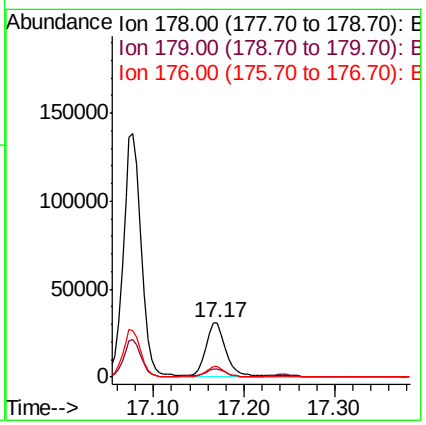
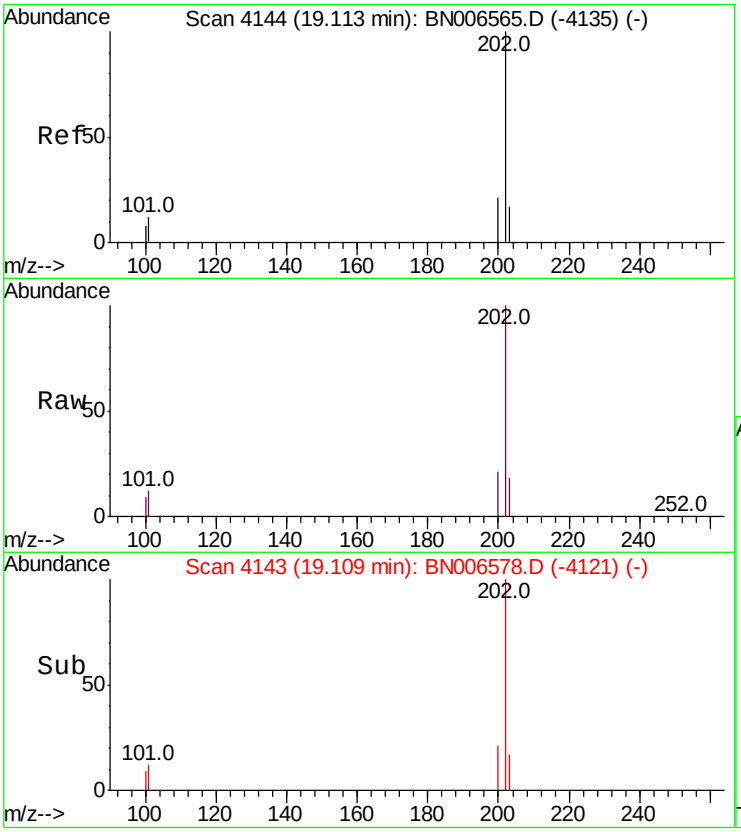


#13
Anthracene
Concen: 0.870 ng/ul
RT: 17.17 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:178 Resp: 47840

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	18.8	15.1	22.7

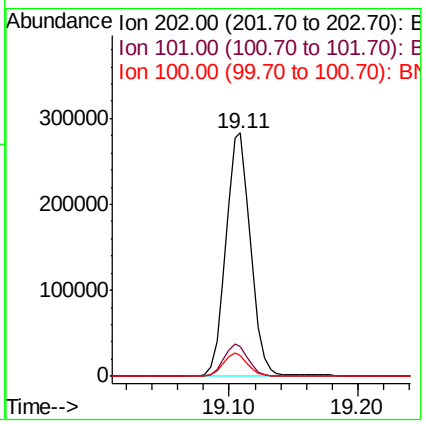




#15
Fluoranthene
Concen: 5.935 ng/ul
RT: 19.11 min Scan# 4143
Delta R.T. -0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:202 Resp: 377181

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.1
100	8.6	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
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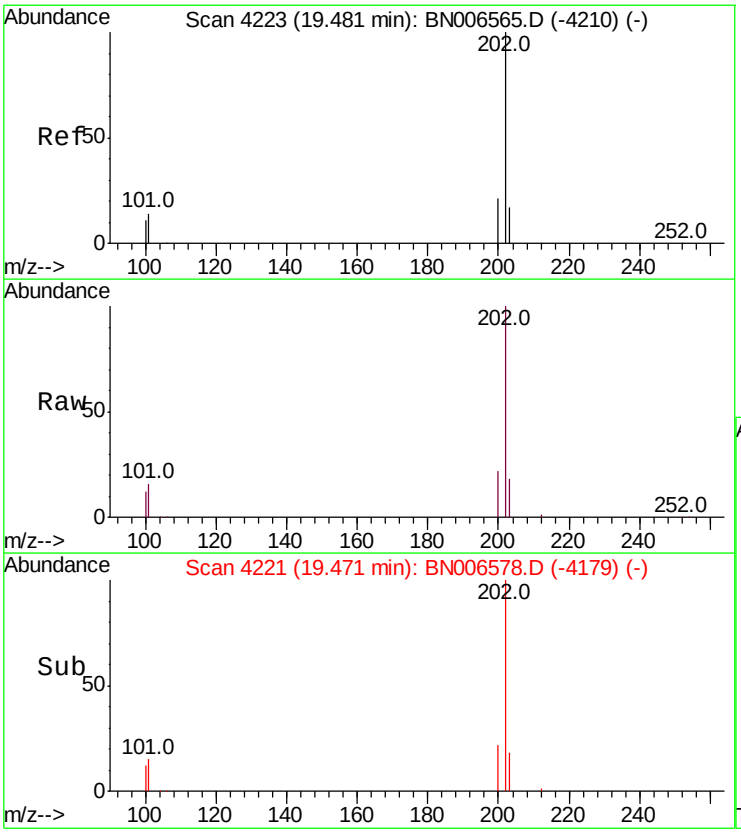
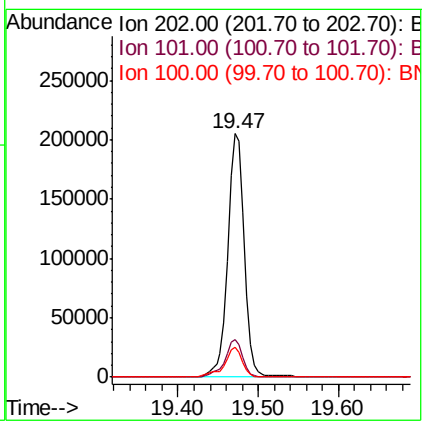
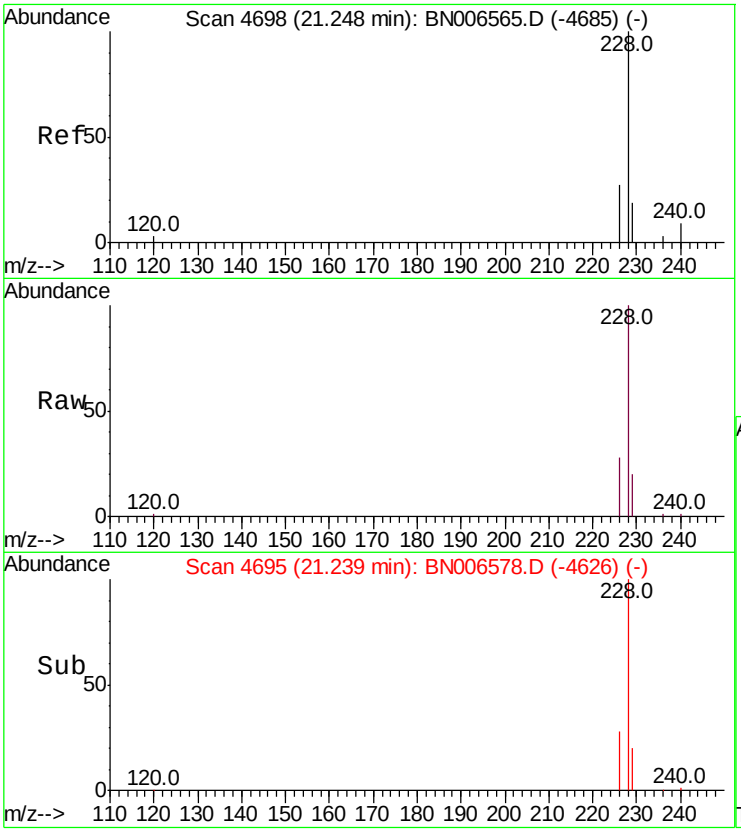


#17
Pyrene
Concen: 5.338 ng/ul
RT: 19.47 min Scan# 4221
Delta R.T. -0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:202 Resp: 285060

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.2	18.2
100	12.2	9.8	14.6

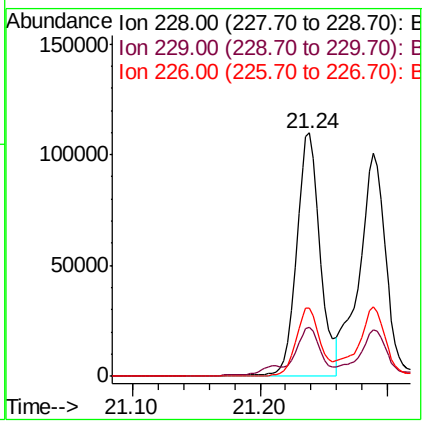




#18
Benzo(a)anthracene
Concen: 3.156 ng/ul
RT: 21.24 min Scan# 4695
Delta R.T. 0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:228 Resp: 141498

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.5	24.7
226	28.2	22.8	34.2



Instrument :
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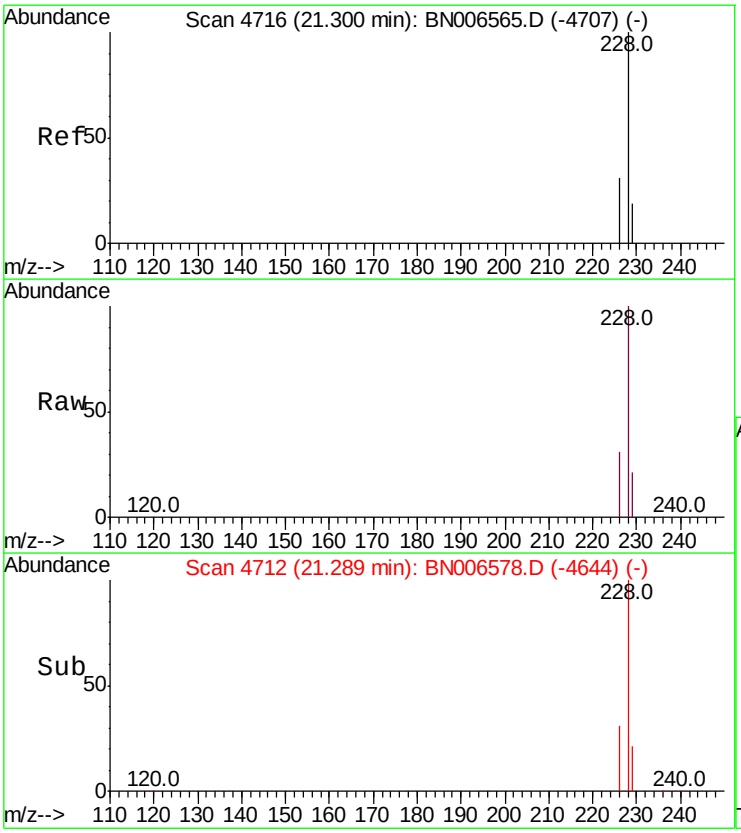
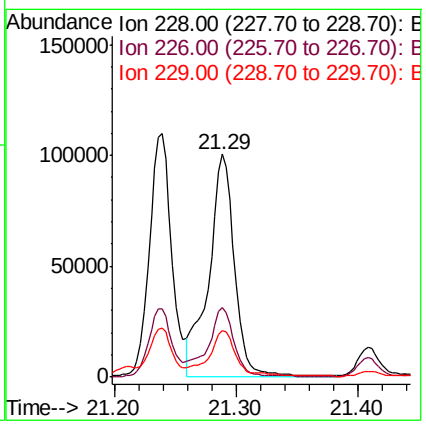
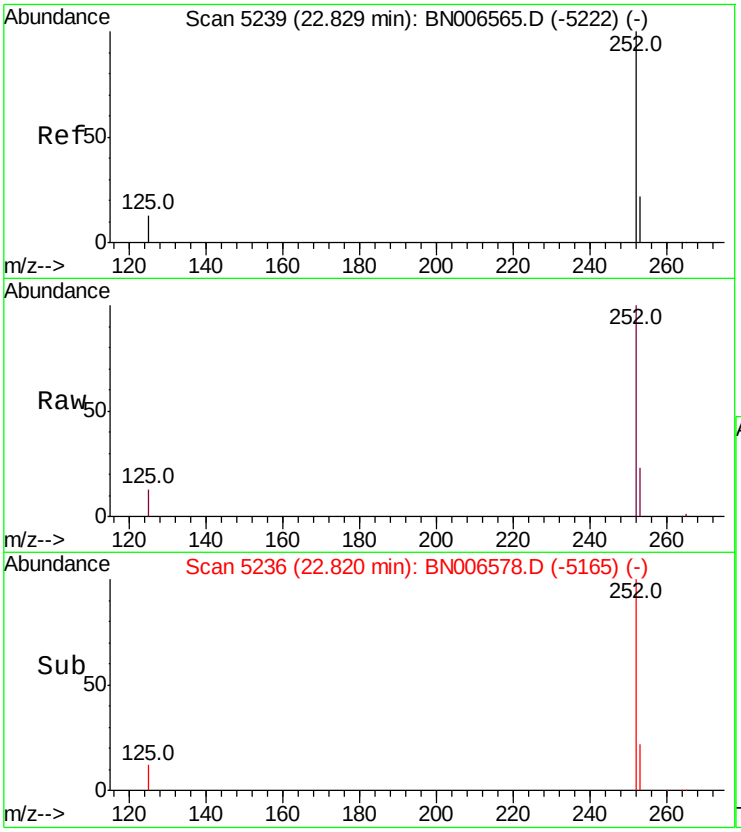


#19
Chrysene
Concen: 3.477 ng/ul
RT: 21.29 min Scan# 4712
Delta R.T. -0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:228 Resp: 146362

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.9	16.3	24.5

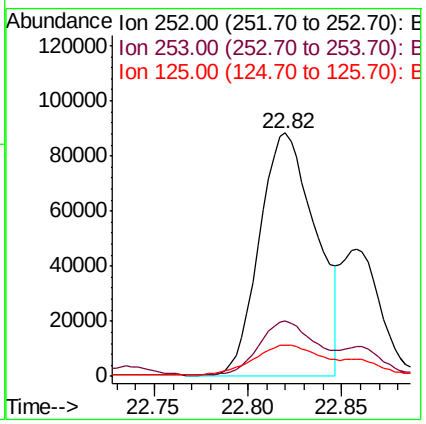




#21
Benzo(b)fluoranthene
Concen: 4.034 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. 0.01 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:252 Resp: 185009

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	51.4
125	12.9	0.0	41.0



Instrument :
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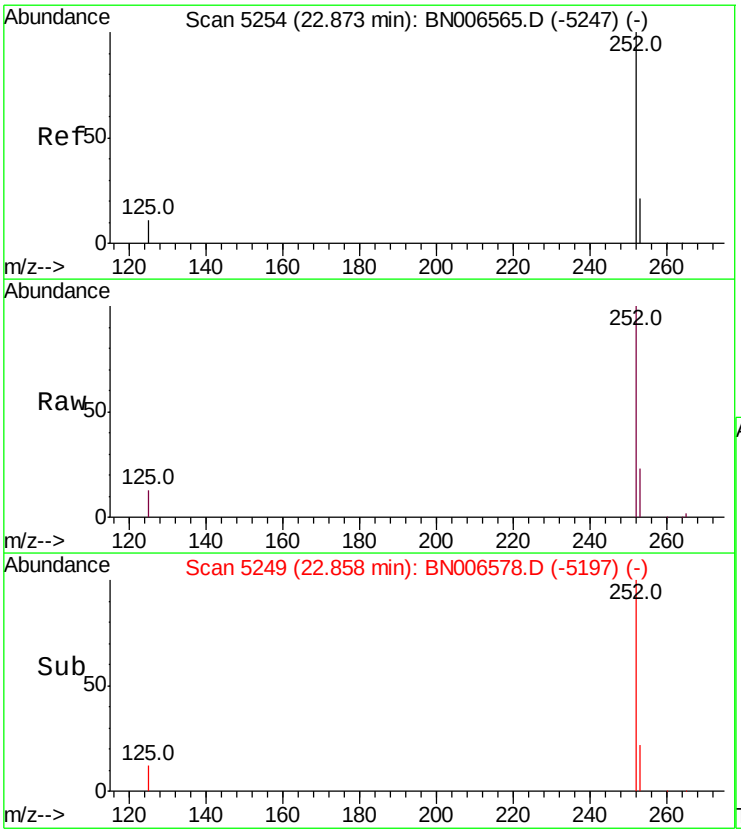
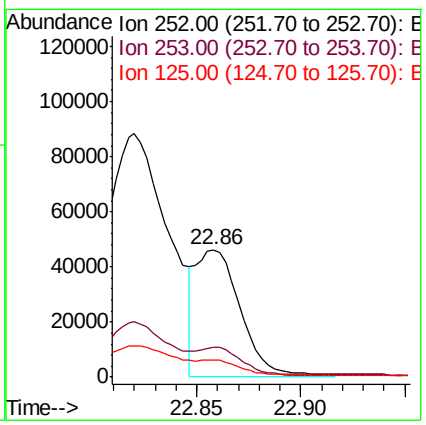
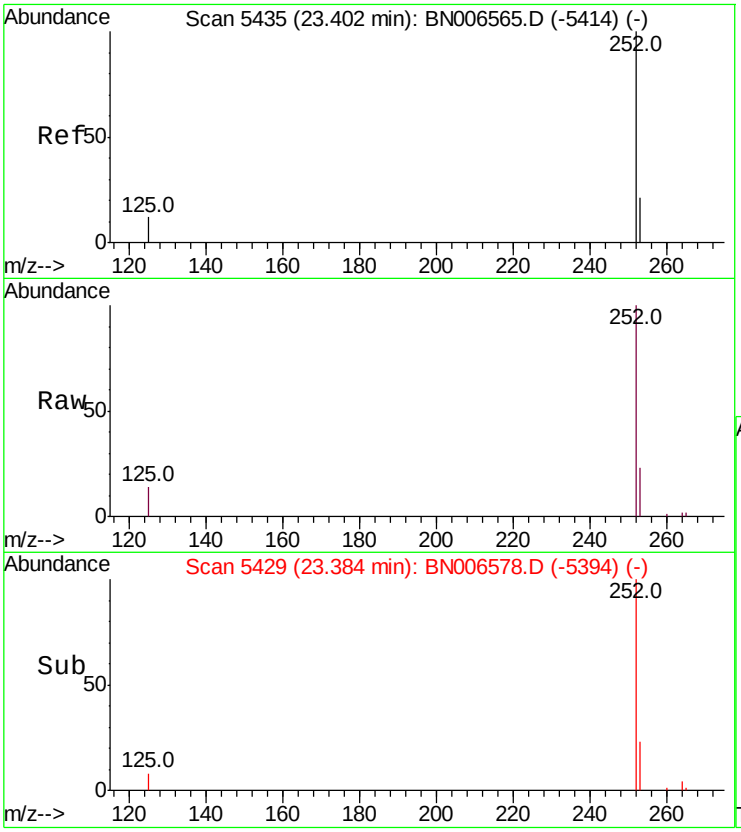


#22
Benzo(k)fluoranthene
Concen: 1.564 ng/ul m
RT: 22.86 min Scan# 5249
Delta R.T. 0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:252 Resp: 69864

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.3	30.5
125	13.4	14.3	21.5#





#23
Benzo(a)pyrene
Concen: 2.867 ng/ul
RT: 23.38 min Scan# 5429
Delta R.T. 0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:252 Resp: 122461

Ion	Ratio	Lower	Upper
252	100		
253	22.8	21.1	31.7
125	13.8	20.3	30.5#

Instrument :
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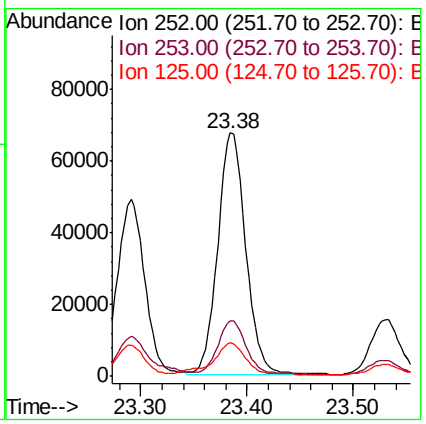
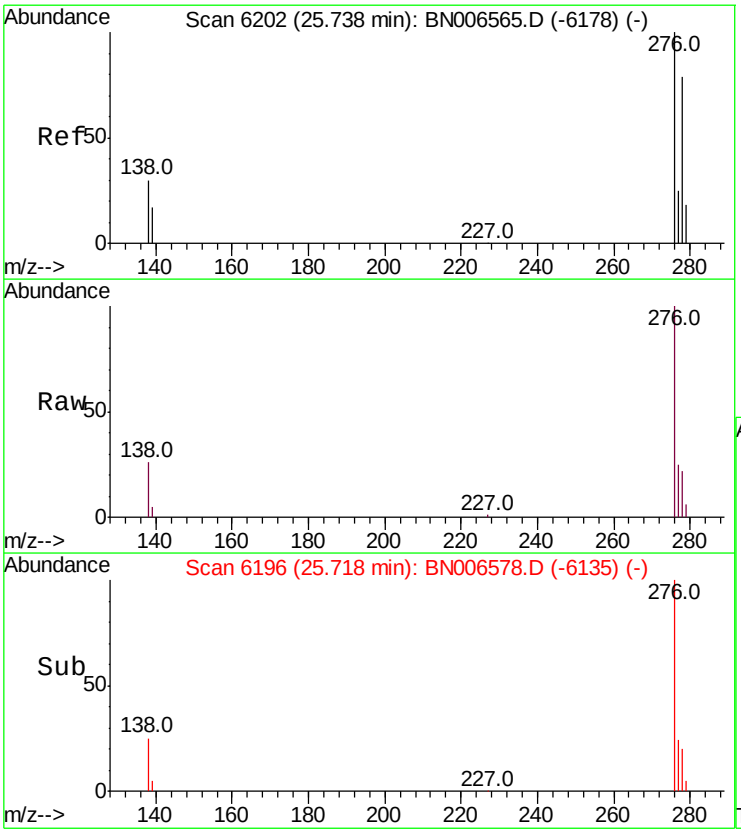
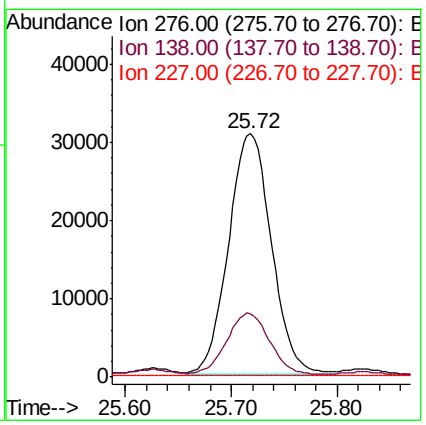


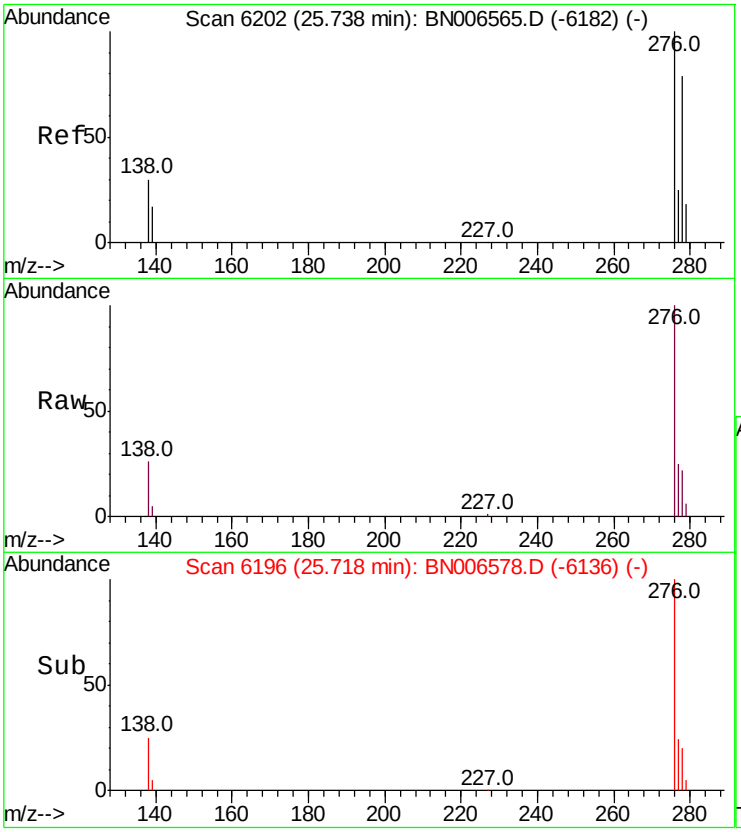


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.868 ng/ul
RT: 25.72 min Scan# 6196
Delta R.T. 0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:276 Resp: 86350

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





#25
Dibenzo(a,h)anthracene
Concen: 0.585 ng/ul
RT: 25.72 min Scan# 6196
Delta R.T. 0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:278 Resp: 21610

Ion	Ratio	Lower	Upper
278	100		
139	24.5	21.2	31.8
279	27.3	22.6	33.8

Instrument :
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ClientSampleId :
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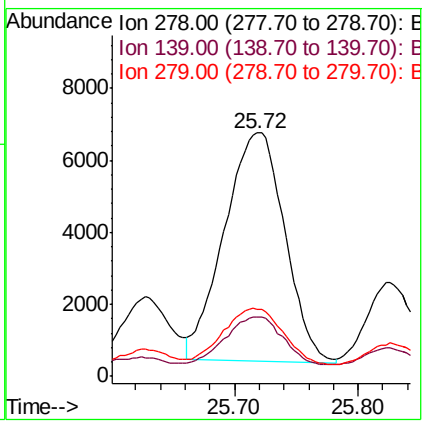

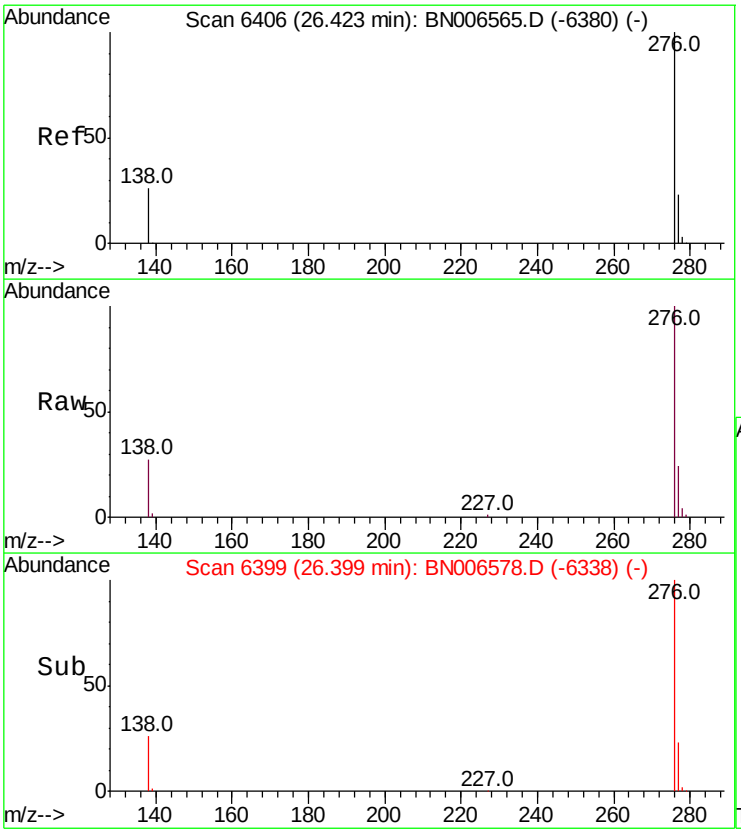

#26
Benzo(g,h,i)perylene
Concen: 1.942 ng/ul
RT: 26.40 min Scan# 6399
Delta R.T. 0.00 min
Lab File: BN006578.D
Acq: 25 Jun 2019 19:43

Tgt Ion:276 Resp: 75196

Ion	Ratio	Lower	Upper
276	100		
138	27.0	24.2	36.4
277	24.2	21.5	32.3