Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
Data File : BN006230.D
Acq On : 10 Jun 2019 19:26
Operator : JU/SJ
Sample : K3016-04DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C3DL

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Quant Time: Jun 11 01:50:55 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5084	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19240	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9649	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20522	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	16298	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	20454	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	722	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1416	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	1262	0.024	ng/ul#	78
7) Acenaphthylene	14.01	152	9427	0.176	ng/ul	98
9) Fluorene	15.35	166	1379	0.032	ng/ul#	87
12) Phenanthrene	17.09	178	21419	0.325	ng/ul	99
13) Anthracene	17.18	178	8140	0.129	ng/ul	97
15) Fluoranthene	19.12	202	52300	0.719	ng/ul	96
17) Pyrene	19.49	202	58566	0.682	ng/ul	99
18) Benzo(a)anthracene	21.25	228	26499	0.368	ng/ul	95
19) Chrysene	21.30	228	33024	0.488	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	40504m	0.475	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	15599m	0.188	ng/ul	
23) Benzo(a)pyrene	23.40	252	28638	0.361	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.72	276	20553m	0.239	ng/ul	
25) Dibenzo(a,h)anthracene	25.73	278	5148	0.075	ng/ul#	77
26) Benzo(g,h,i)perylene	26.41	276	16069	0.223	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
Data File : BN006230.D
Acq On : 10 Jun 2019 19:26
Operator : JU/SJ
Sample : K3016-04DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 11 01:50:55 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C3DL

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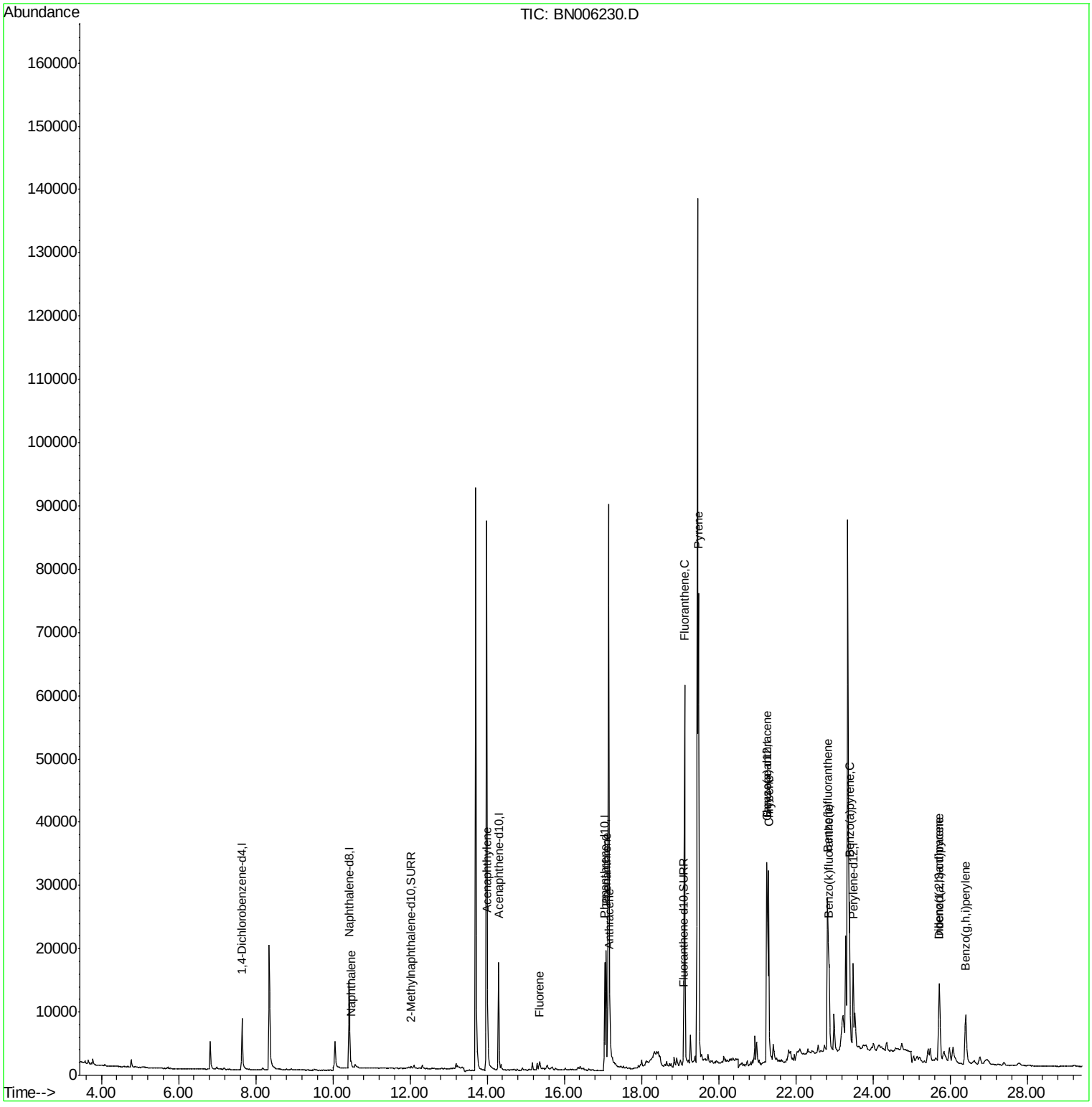

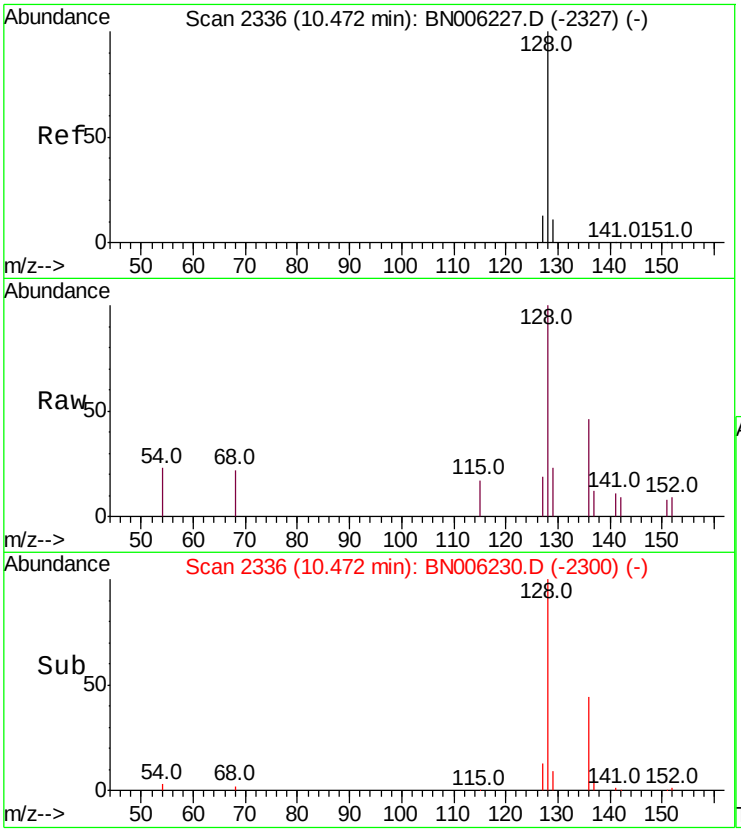

#3
Naphthalene
Concen: 0.024 ng/ul
RT: 10.47 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:128 Resp: 1262

Ion	Ratio	Lower	Upper
128	100		
129	23.0	9.3	13.9#
127	19.4	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
A51C3DL

Manual Integrations APPROVED
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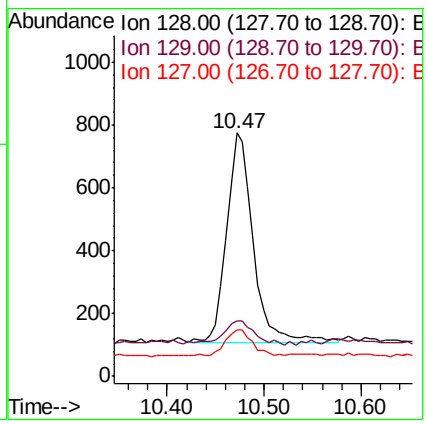
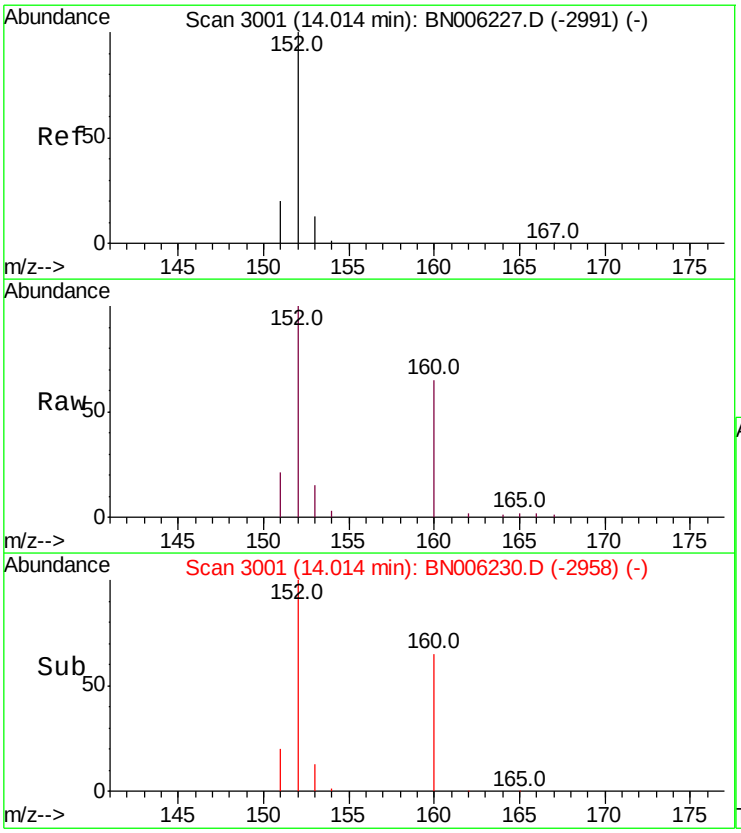
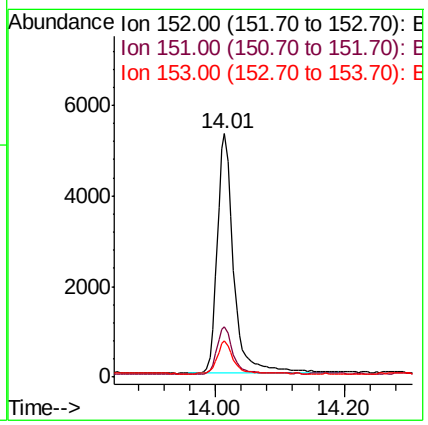


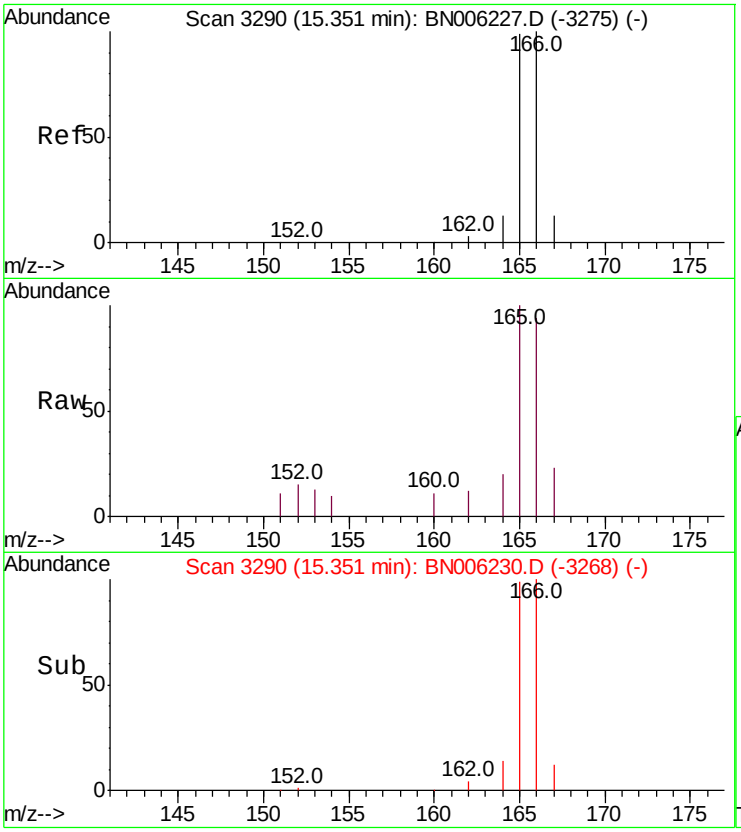


#7
Acenaphthylene
Concen: 0.176 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:152 Resp: 9427

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.8
153	14.6	10.8	16.2





#9
Fluorene
Concen: 0.032 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:166 Resp: 1379

Ion	Ratio	Lower	Upper
166	100		
165	105.9	76.4	114.6
167	24.6	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
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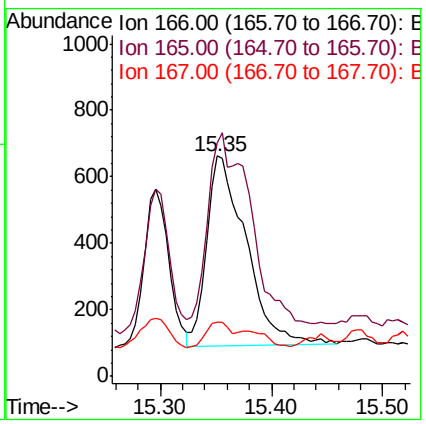
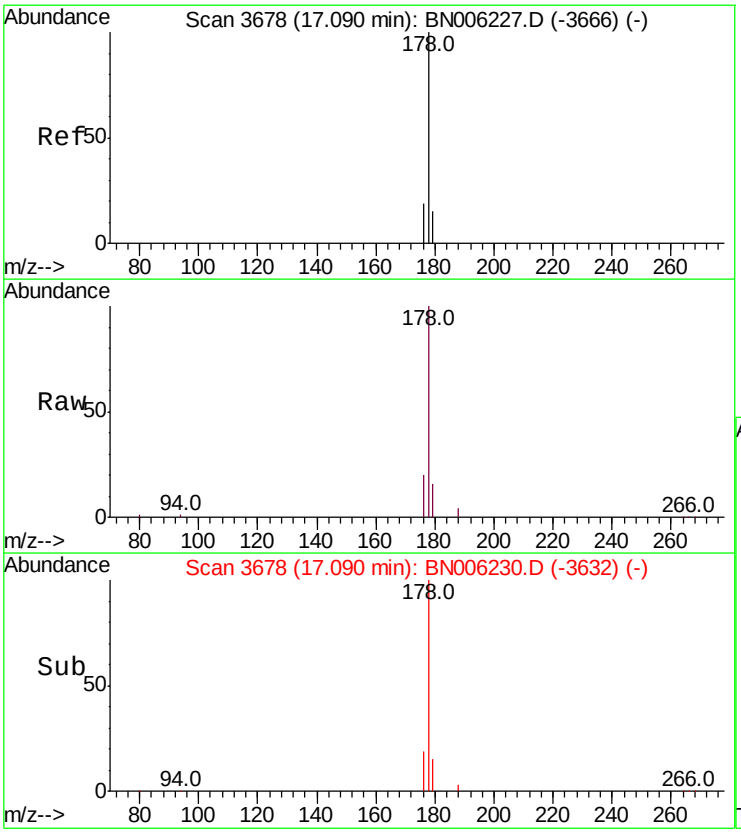
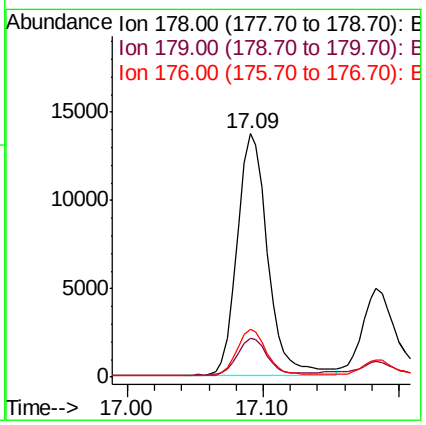


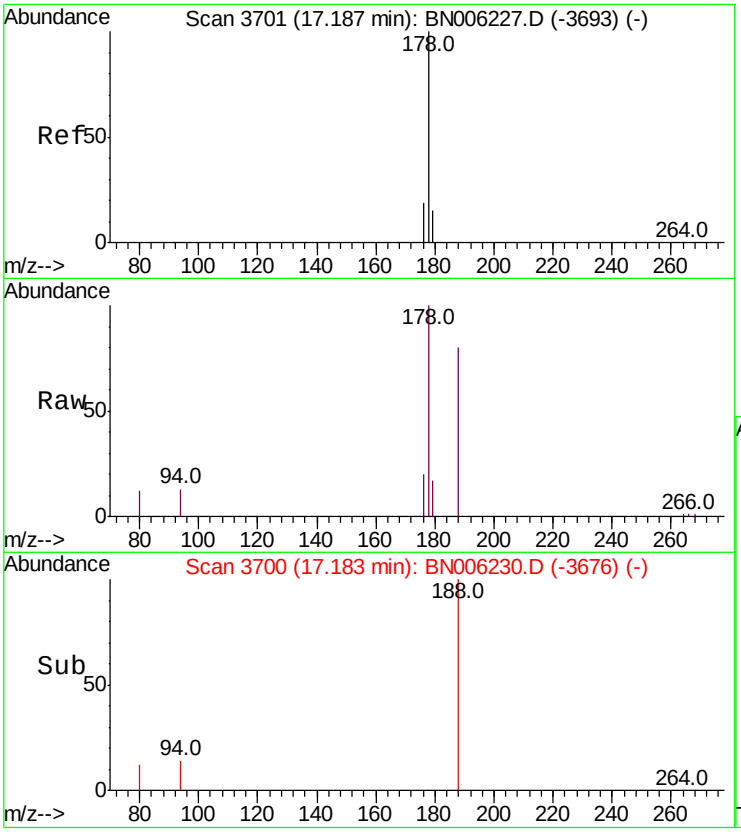


#12
Phenanthrene
Concen: 0.325 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:178 Resp: 21419

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.7	15.3	22.9

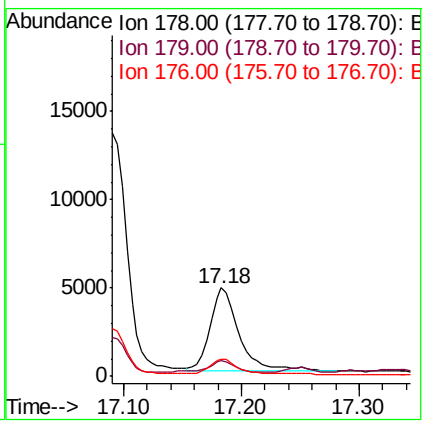




#13
Anthracene
Concen: 0.129 ng/ul
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:178 Resp: 8140

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.2	18.4
176	19.5	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A51C3DL

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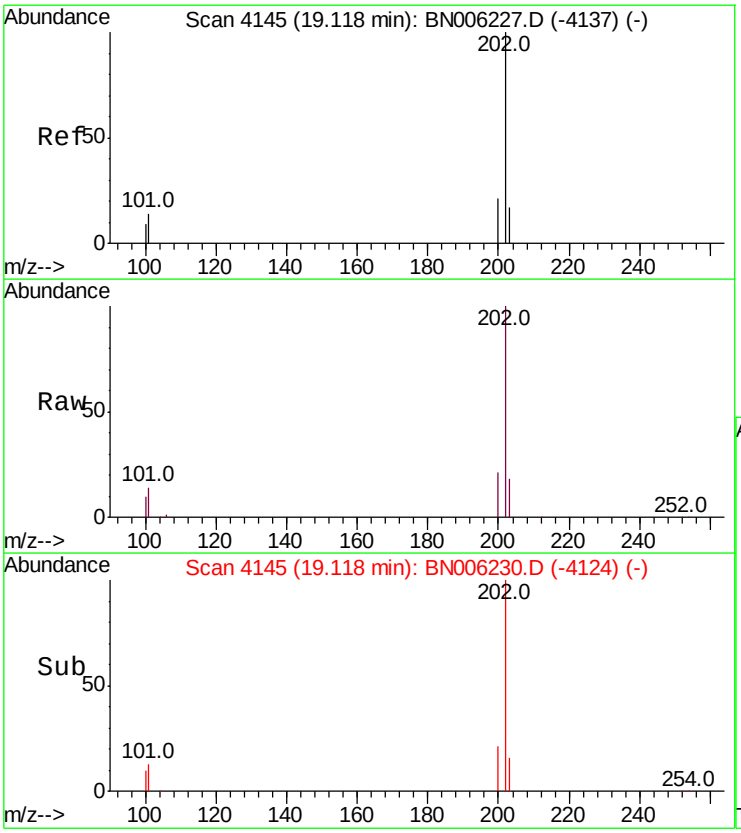
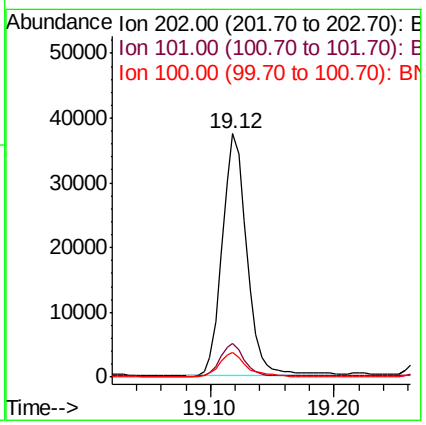
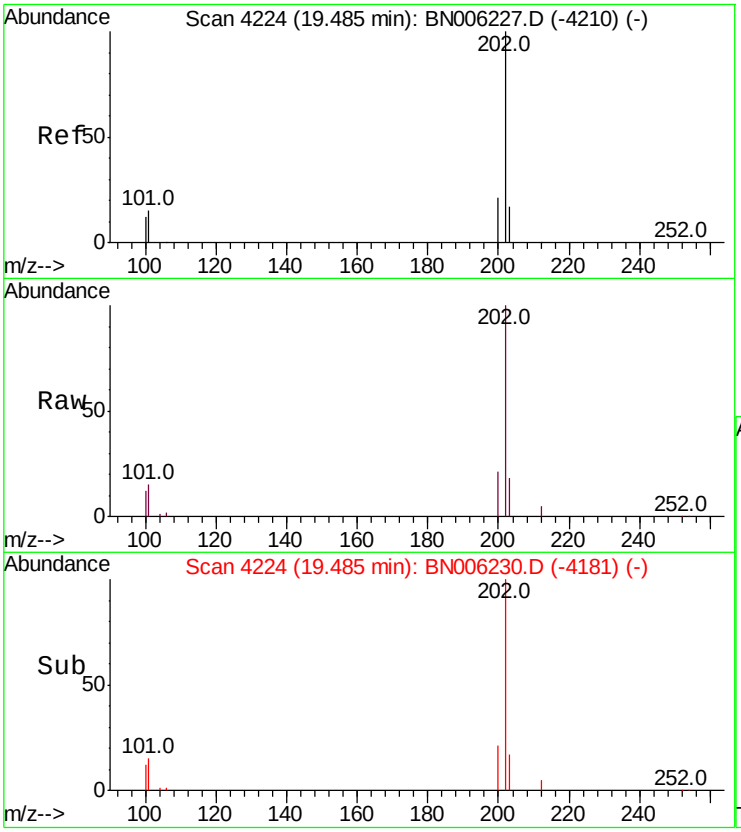


#15
Fluoranthene
Concen: 0.719 ng/ul
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:202 Resp: 52300

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.1
100	9.9	0.0	28.7

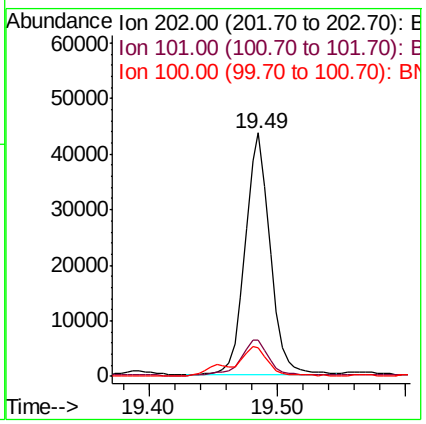




#17
Pyrene
Concen: 0.682 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:202 Resp: 58566

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.2
100	11.6	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A51C3DL

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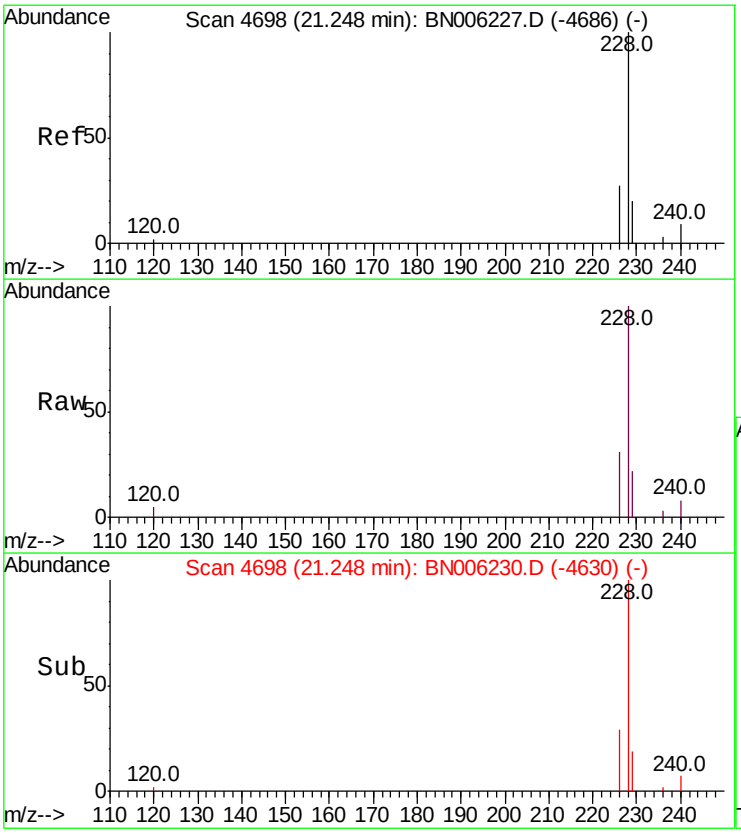
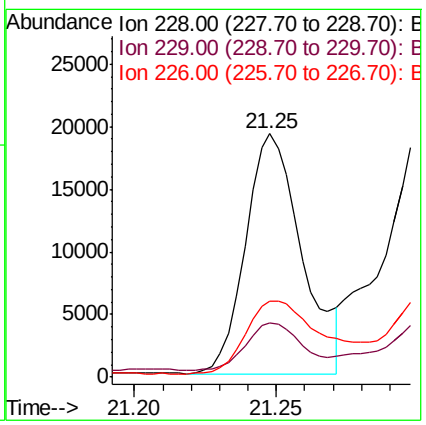
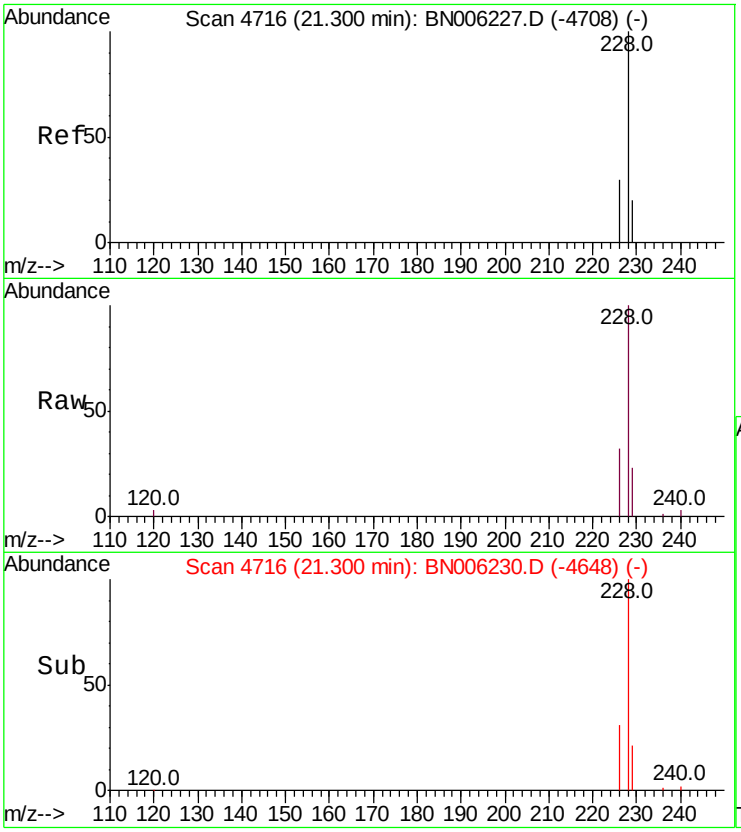


#18
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:228 Resp: 26499

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.5	24.7
226	31.1	22.8	34.2

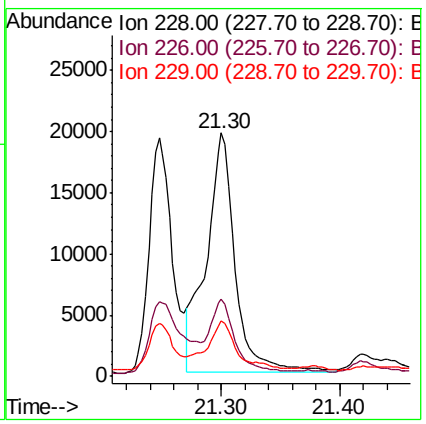




#19
Chrysene
Concen: 0.488 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:228 Resp: 33024

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	22.9	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
A51C3DL

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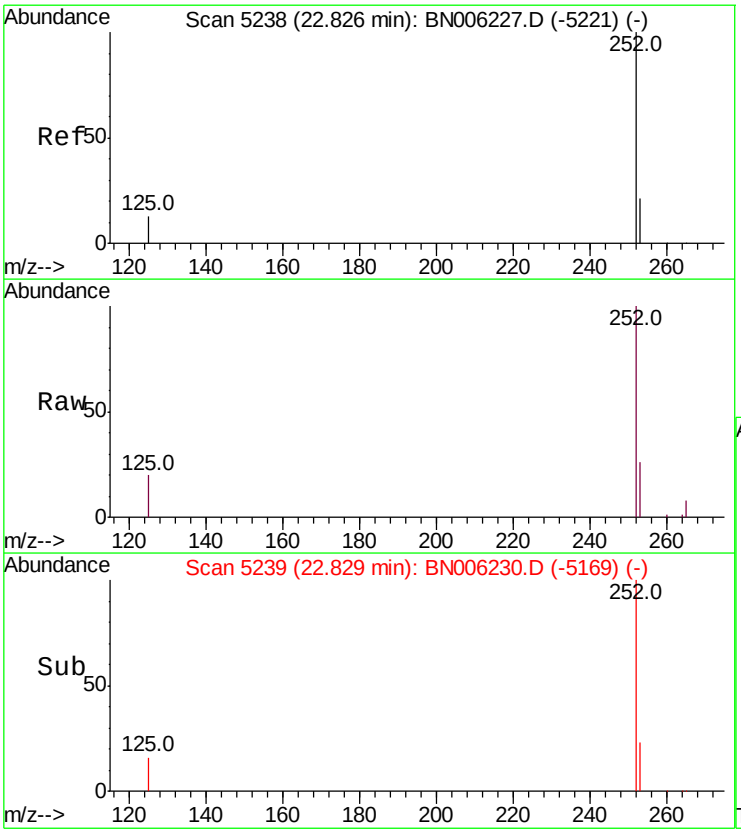
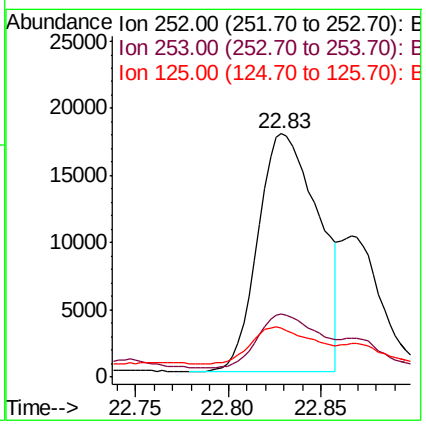
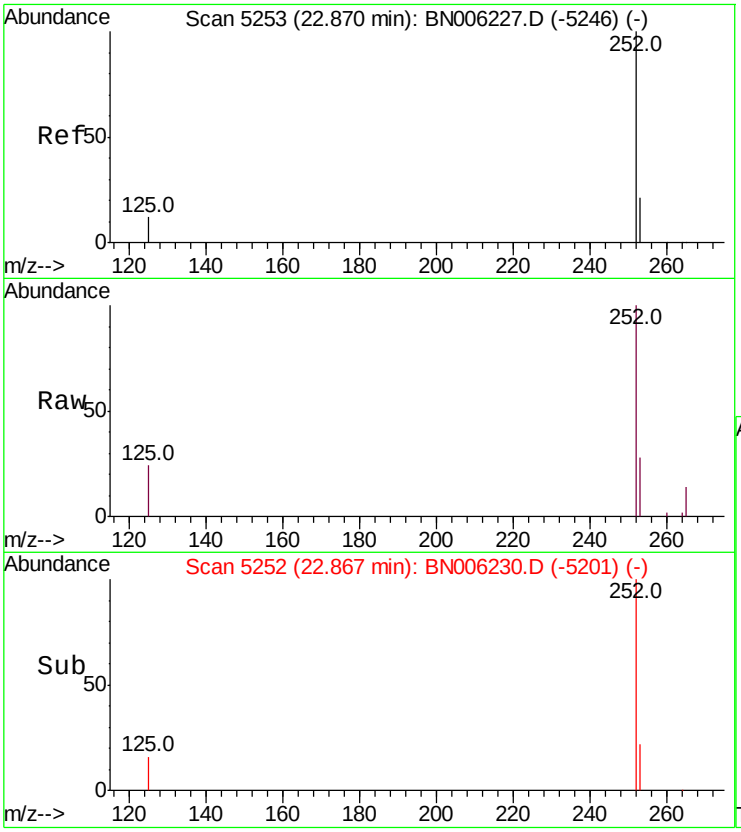


#21
Benzo(b)fluoranthene
Concen: 0.475 ng/ul m
RT: 22.83 min Scan# 5239
Delta R.T. 0.01 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:252 Resp: 40504

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	51.4
125	19.9	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.188 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:252 Resp: 15599

Ion	Ratio	Lower	Upper
252	100		
253	27.5	20.3	30.5
125	23.9	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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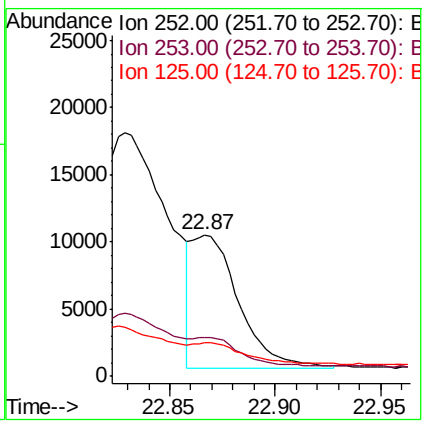
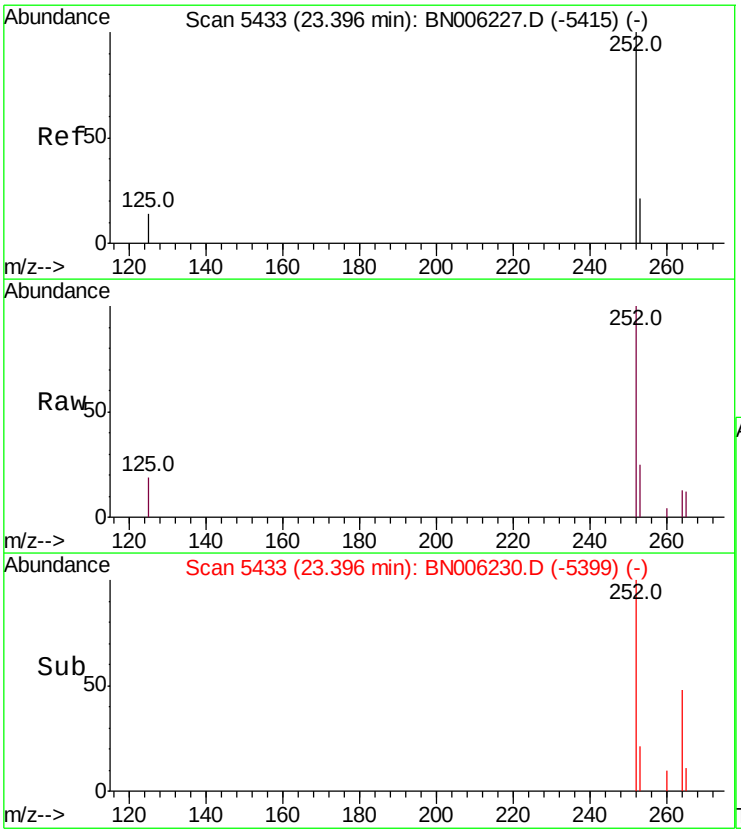
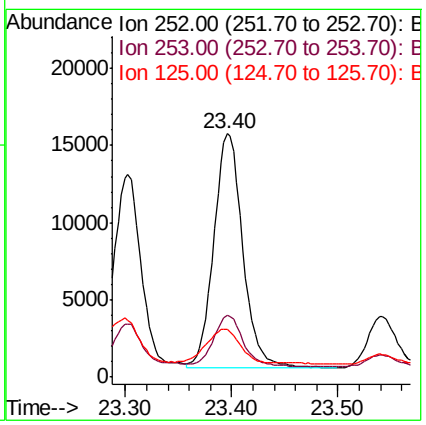


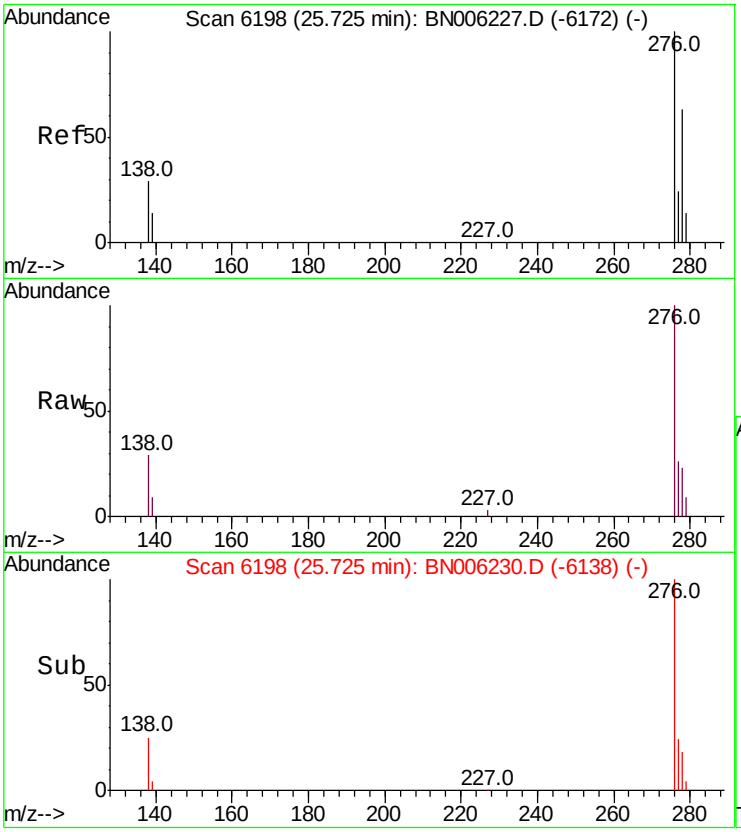


#23
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.40 min Scan# 5433
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:252 Resp: 28638

Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.1	31.7
125	19.5	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul m
RT: 25.72 min Scan# 6198
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:276 Resp: 20553

Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.6	38.4#
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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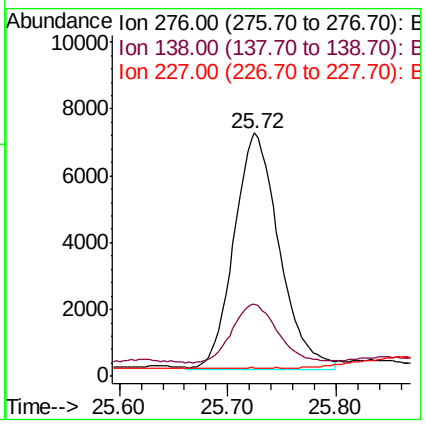
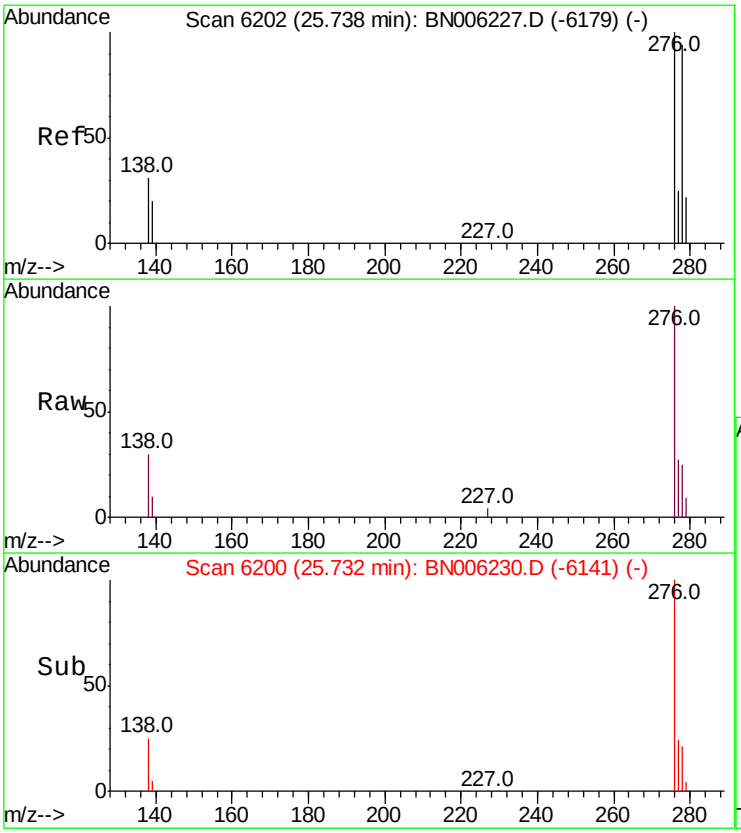
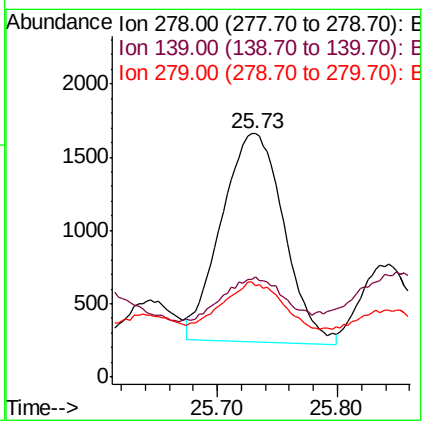


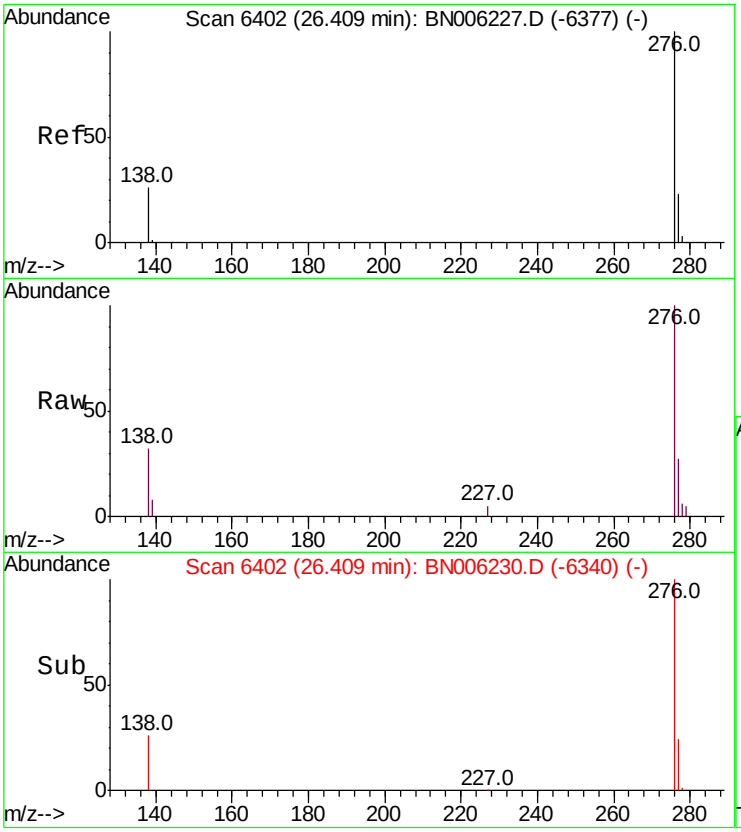


#25
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.00 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:278 Resp: 5148

Ion	Ratio	Lower	Upper
278	100		
139	41.1	21.2	31.8#
279	37.7	22.6	33.8#

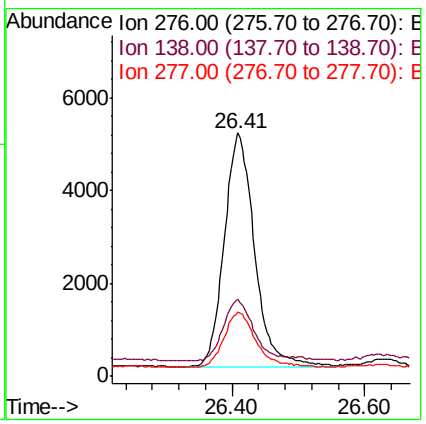




#26
Benzo(g,h,i)perylene
Concen: 0.223 ng/ul
RT: 26.41 min Scan# 6402
Delta R.T. 0.01 min
Lab File: BN006230.D
Acq: 10 Jun 2019 19:26

Tgt Ion:276 Resp: 16069

Ion	Ratio	Lower	Upper
276	100		
138	31.9	24.2	36.4
277	26.5	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A51C3DL

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