Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006189.D
Acq On : 08 Jun 2019 13:55
Operator : JU/SJ
Sample : K3016-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51D2

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:29 PM

Quant Time: Jun 08 15:38:17 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4310	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	16272	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8409	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17249m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	14540m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	17129	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4630	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10416m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	4452	0.099	ng/ul#	94
5) 2-Methylnaphthalene	12.10	142	1291	0.041	ng/ul	99
7) Acenaphthylene	14.01	152	21146	0.452	ng/ul	99
8) Acenaphthene	14.36	153	3350	0.103	ng/ul	97
9) Fluorene	15.35	166	5897	0.155	ng/ul	96
12) Phenanthrene	17.09	178	114400m	2.066	ng/ul	
13) Anthracene	17.18	178	36727m	0.695	ng/ul	
15) Fluoranthene	19.12	202	286752m	4.690	ng/ul	
17) Pyrene	19.49	202	248555	3.245	ng/ul	97
18) Benzo(a)anthracene	21.25	228	140056m	2.178	ng/ul	
19) Chrysene	21.30	228	133822	2.217	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	188983m	2.646	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	71209m	1.024	ng/ul	
23) Benzo(a)pyrene	23.40	252	128180	1.927	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.73	276	90566	1.258	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.74	278	21854	0.380	ng/ul	98
26) Benzo(g,h,i)perylene	26.42	276	75964	1.260	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006189.D
Acq On : 08 Jun 2019 13:55
Operator : JU/SJ
Sample : K3016-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 08 15:38:17 2019
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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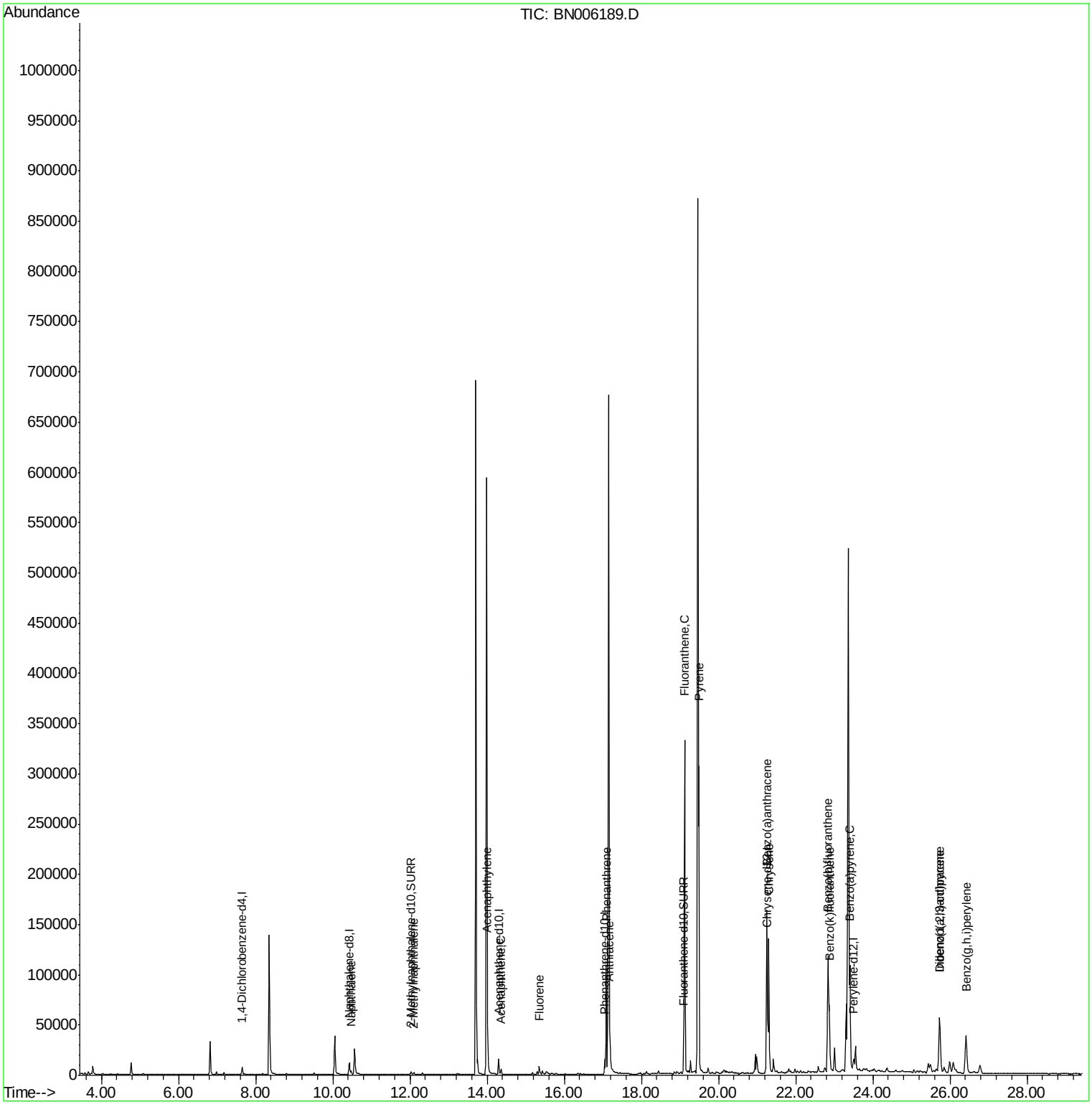
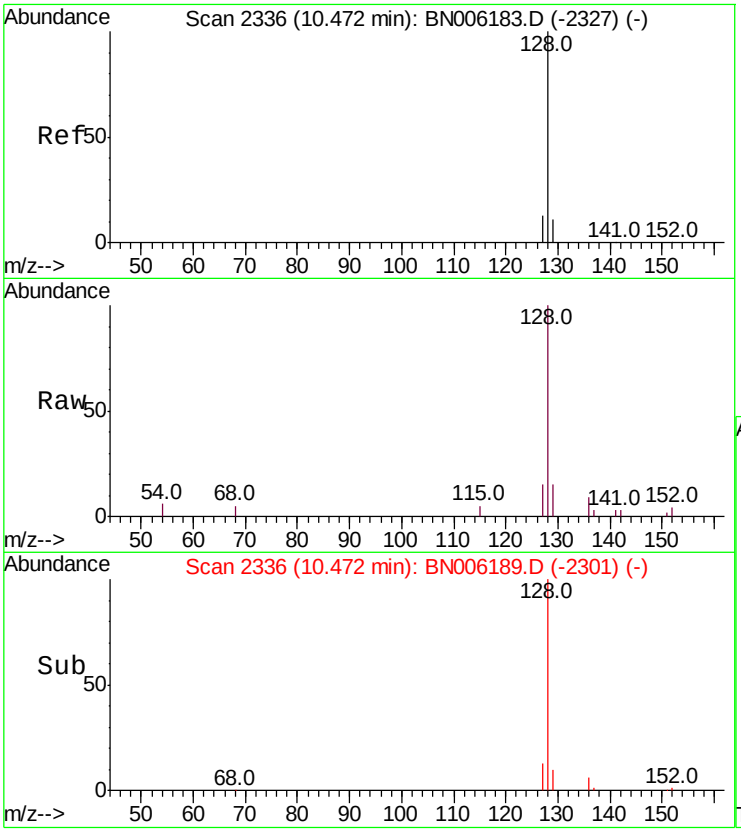
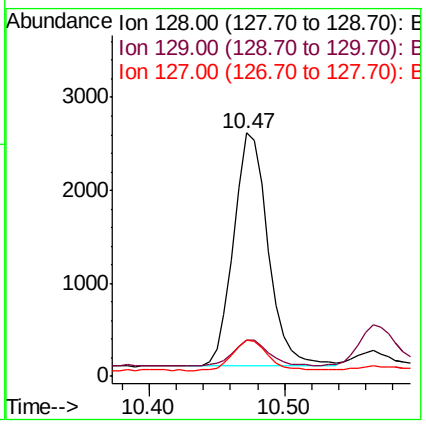




#3
Naphthalene
Concen: 0.099 ng/ul
RT: 10.47 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:128 Resp: 4452

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.3	13.9#
127	14.8	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
A51D2

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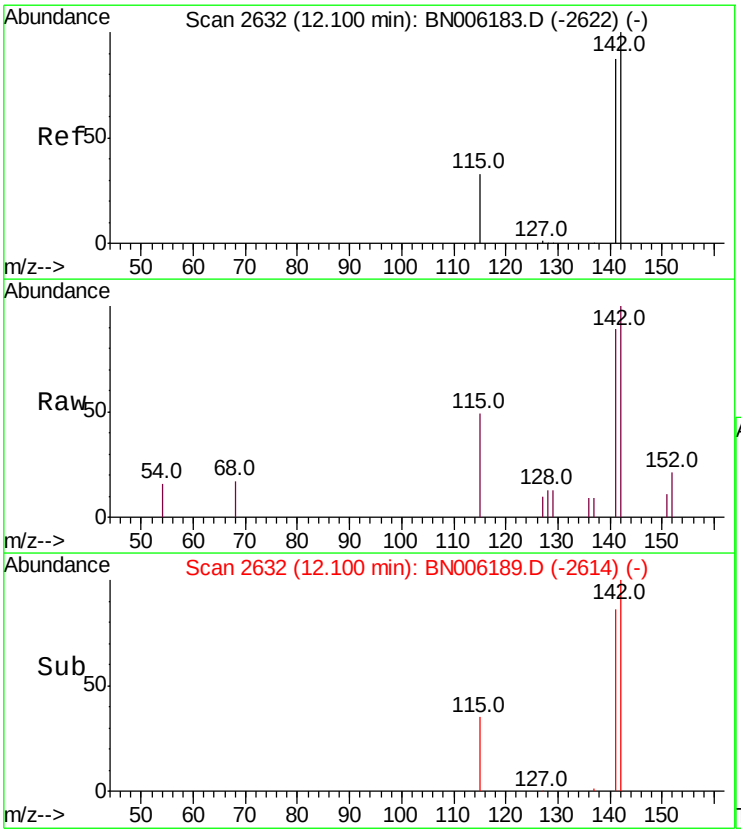
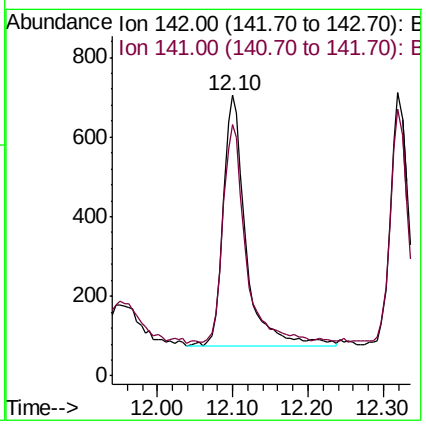
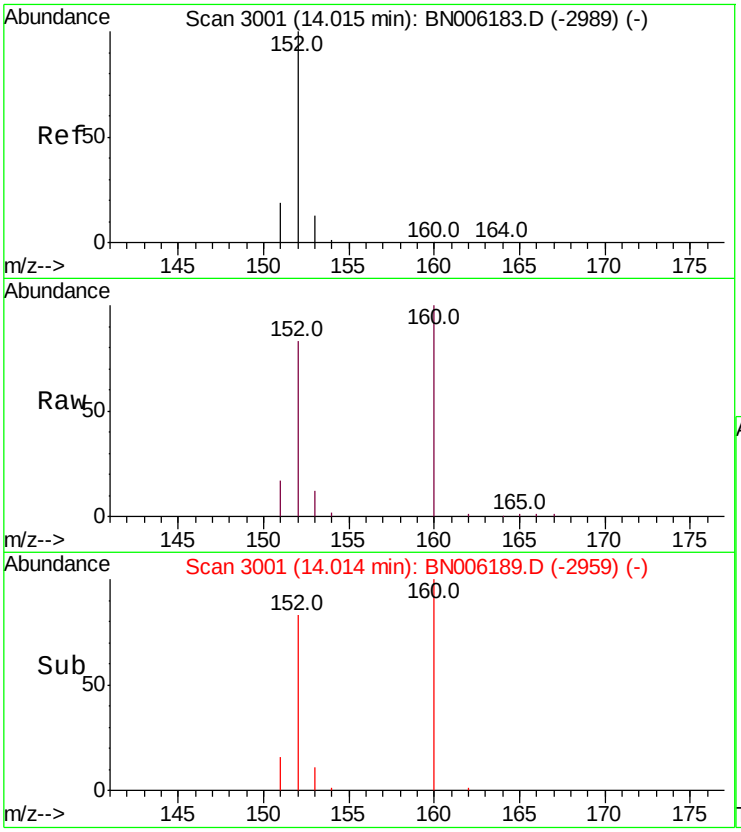


#5
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:142 Resp: 1291

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.3	105.5

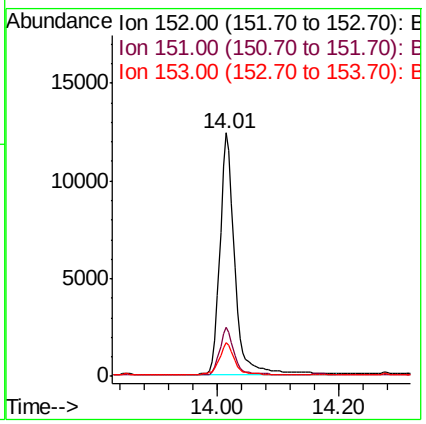




#7
Acenaphthylene
Concen: 0.452 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:152 Resp: 21146

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.8	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
A51D2

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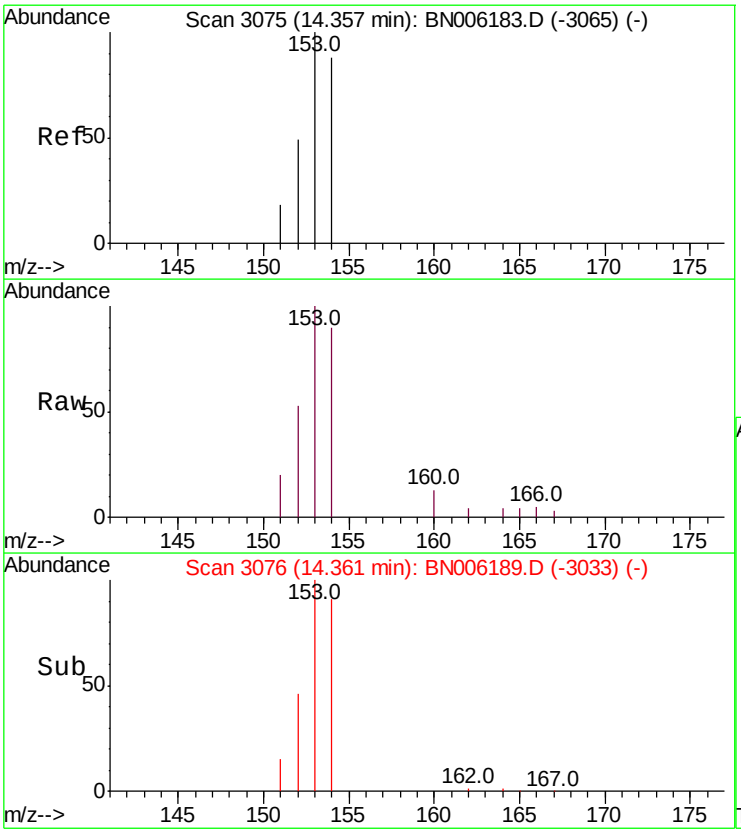
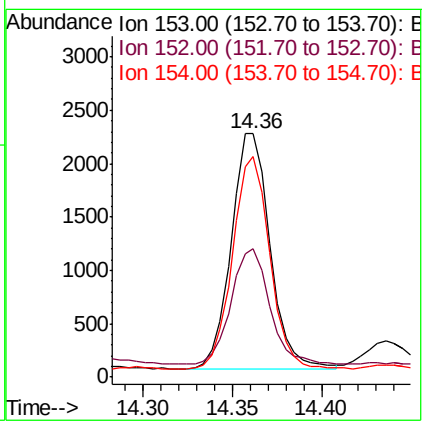
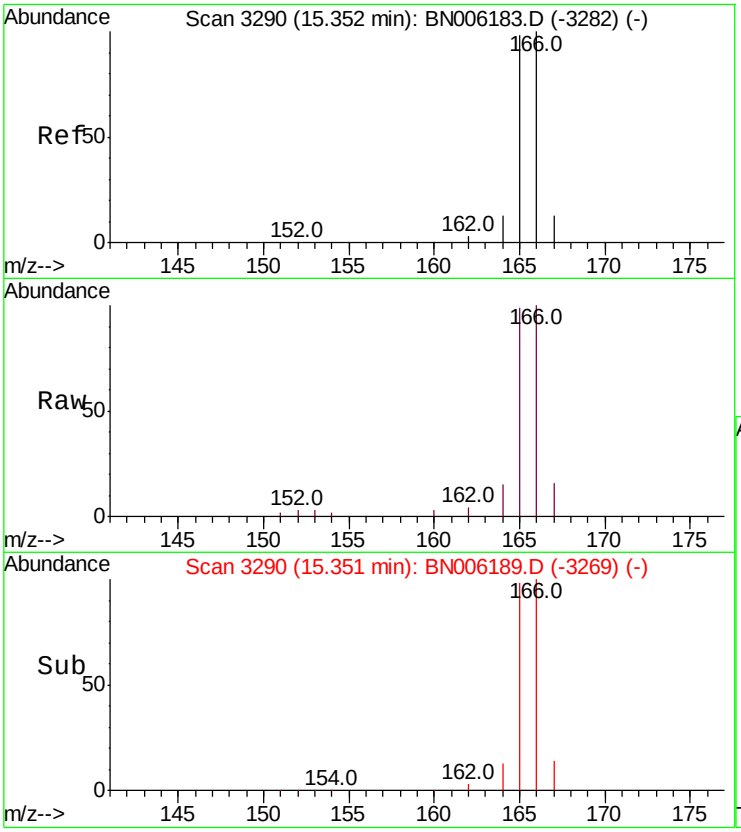


#8
Acenaphthene
Concen: 0.103 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:153 Resp: 3350

Ion	Ratio	Lower	Upper
153	100		
152	52.7	39.1	58.7
154	90.4	71.1	106.7

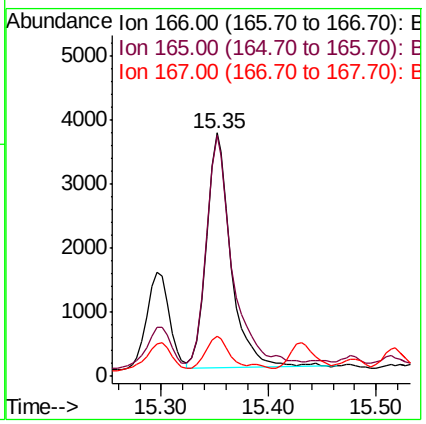




#9
Fluorene
Concen: 0.155 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:166 Resp: 5897

Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.4	114.6
167	16.2	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
A51D2

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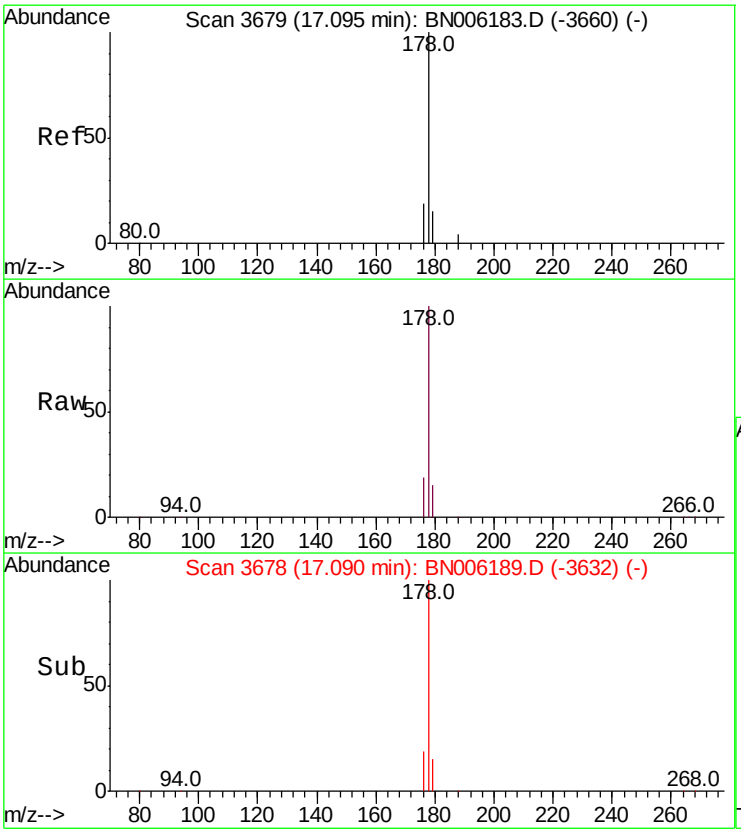
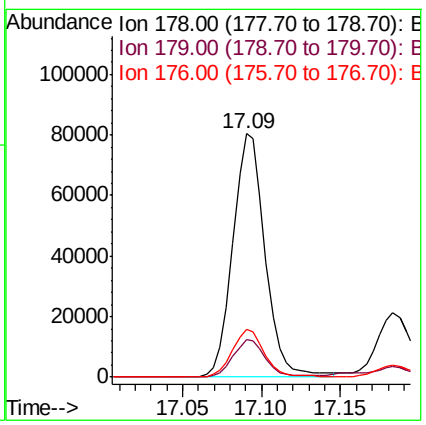
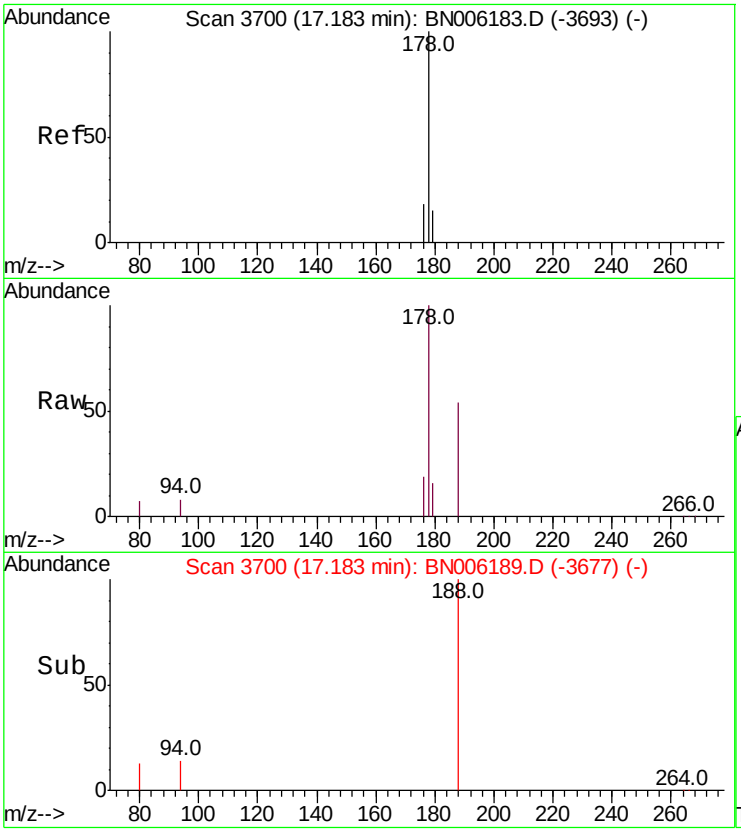


#12
Phenanthrene
Concen: 2.066 ng/ul m
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:178 Resp: 114400

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.4	15.3	22.9

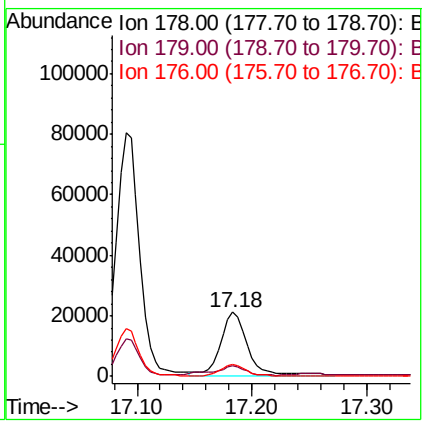




#13
Anthracene
Concen: 0.695 ng/ul m
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:178 Resp: 36727

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.9	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A51D2

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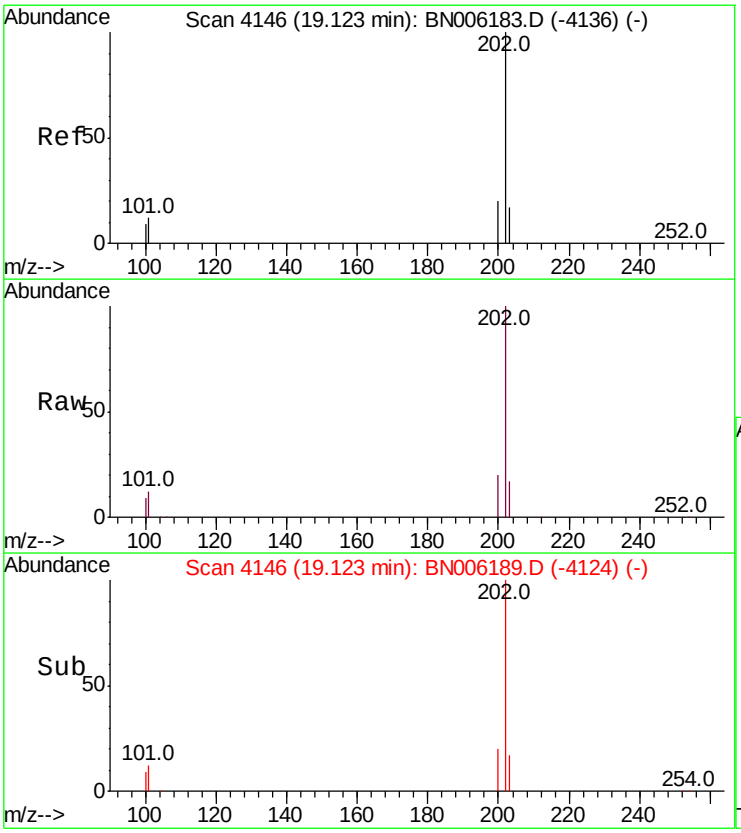
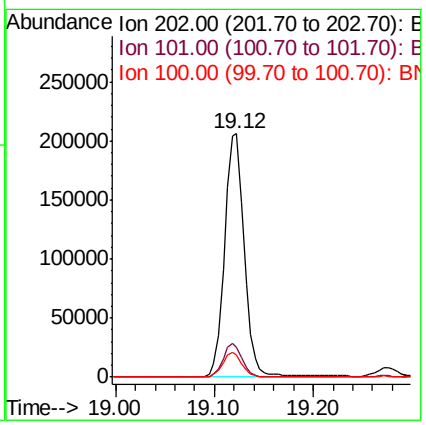
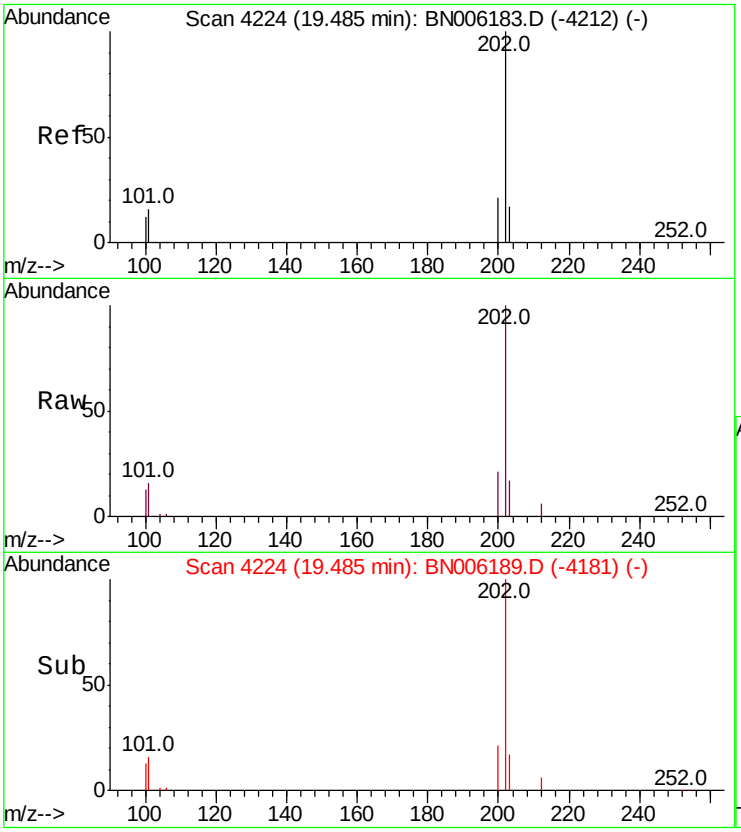


#15
Fluoranthene
Concen: 4.690 ng/ul m
RT: 19.12 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:202 Resp: 286752

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.1
100	8.9	0.0	28.7

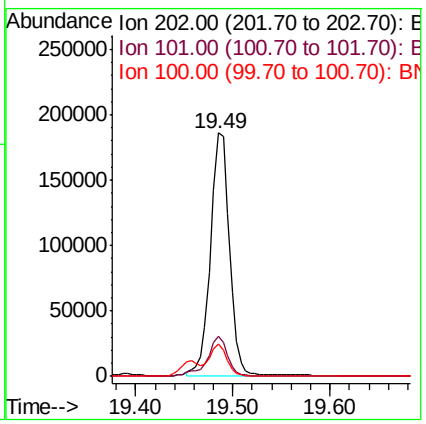




#17
Pyrene
Concen: 3.245 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:202 Resp: 248555

Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.2	18.2
100	13.1	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A51D2

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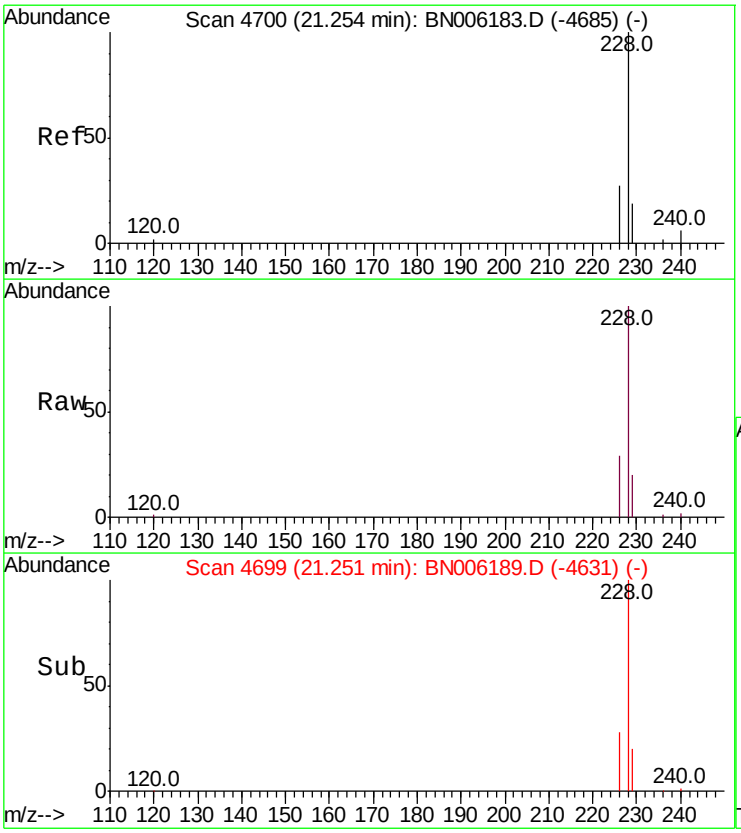
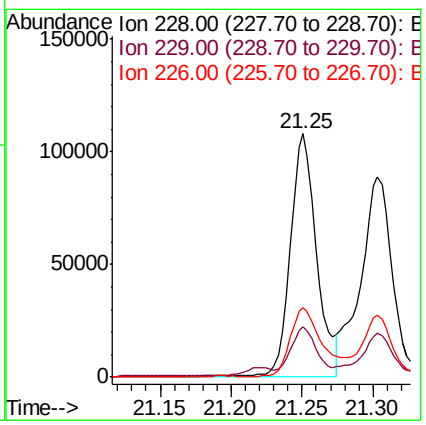
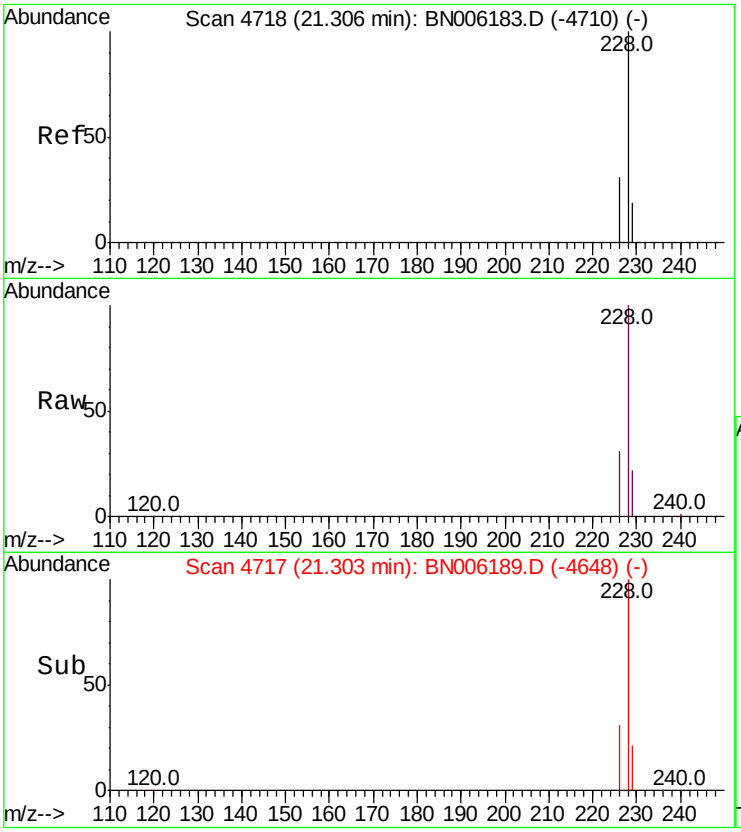


#18
Benzo(a)anthracene
Concen: 2.178 ng/ul m
RT: 21.25 min Scan# 4699
Delta R.T. -0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:228 Resp: 140056

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.5	24.7
226	28.7	22.8	34.2

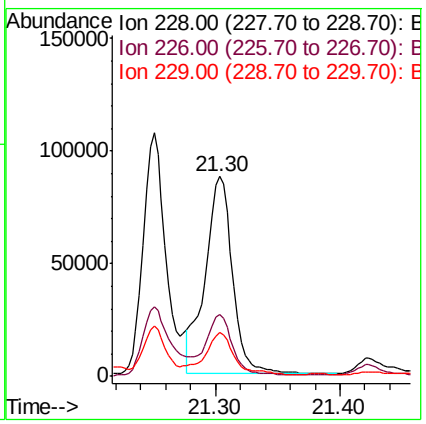




#19
Chrysene
Concen: 2.217 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. 0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:228 Resp: 133822

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.7	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
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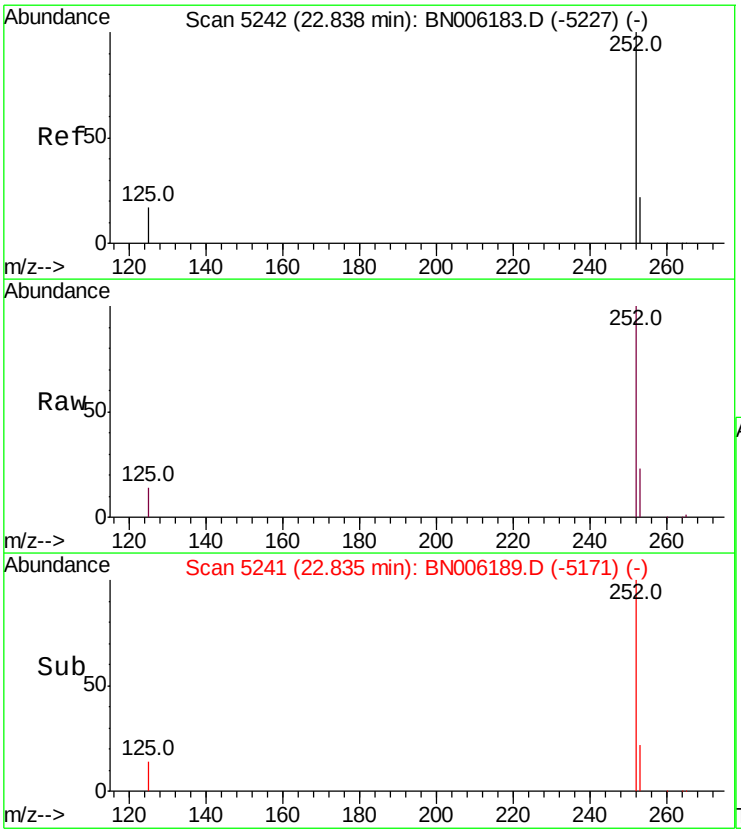
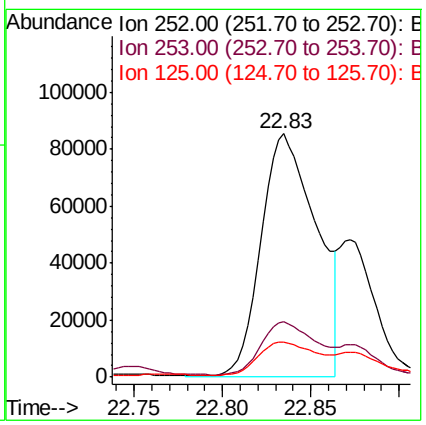
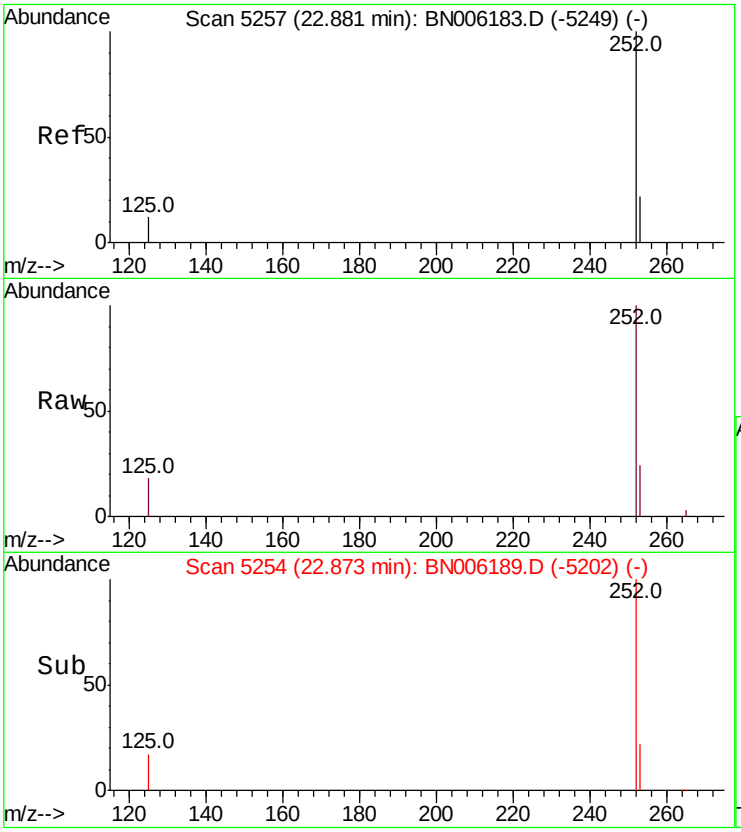


#21
Benzo(b)fluoranthene
Concen: 2.646 ng/ul m
RT: 22.83 min Scan# 5241
Delta R.T. 0.01 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:252 Resp: 188983

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	51.4
125	14.4	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 1.024 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. 0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:252 Resp: 71209

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	18.2	14.3	21.5

Instrument :
BNA_N
ClientSampleId :
A51D2

Manual Integrations APPROVED
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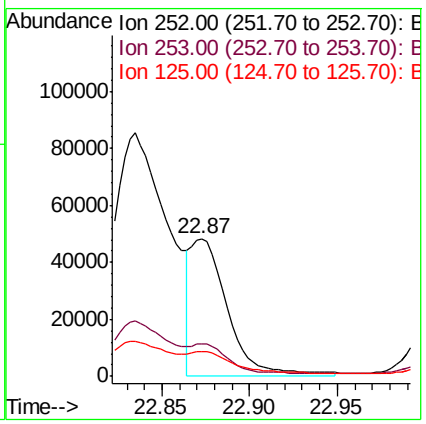
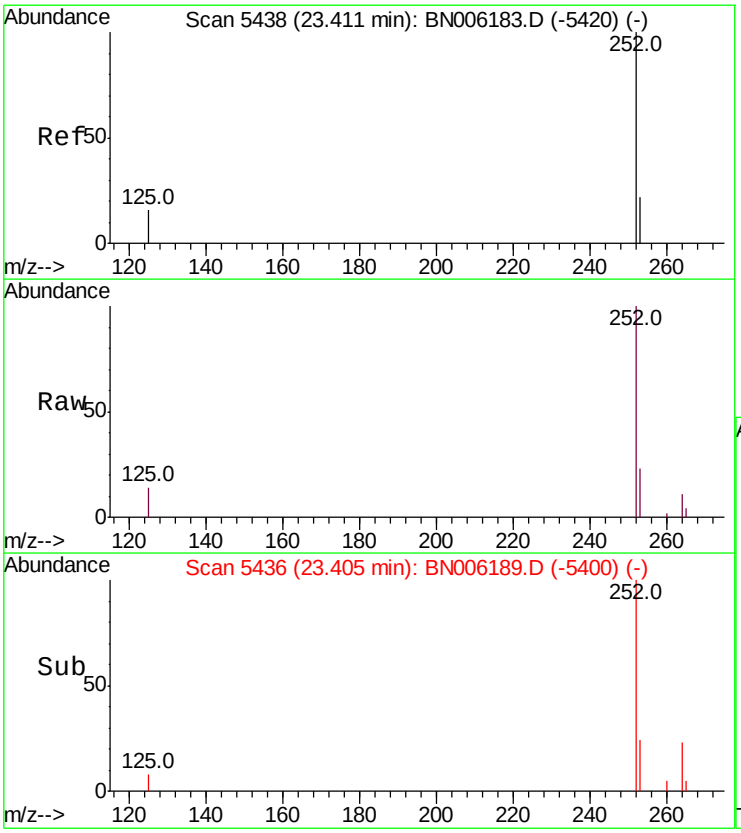
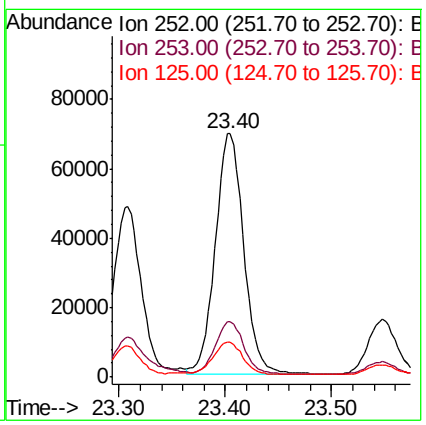


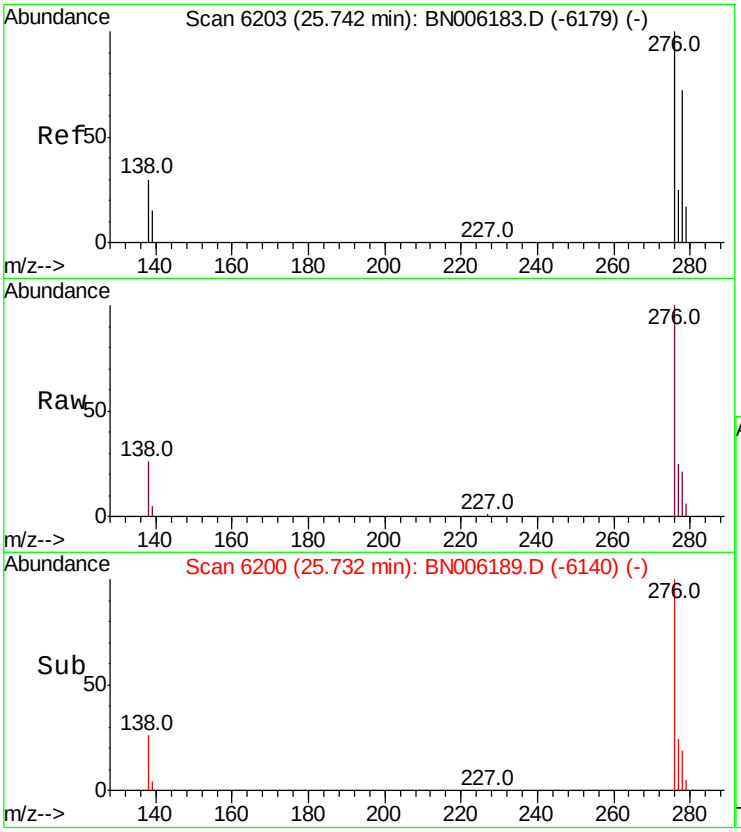


#23
Benzo(a)pyrene
Concen: 1.927 ng/ul
RT: 23.40 min Scan# 5436
Delta R.T. 0.01 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:252 Resp: 128180

Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.1	31.7
125	14.3	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.258 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.00 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:276 Resp: 90566

Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.6	38.4#
227	0.1	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A51D2

Manual Integrations APPROVED
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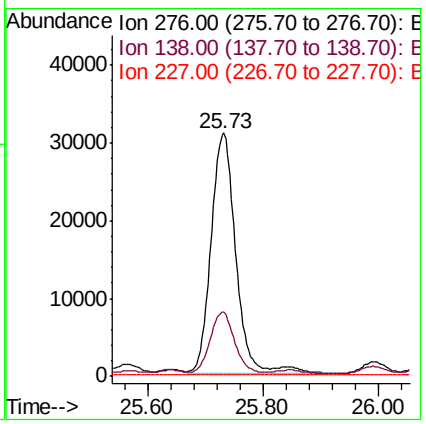
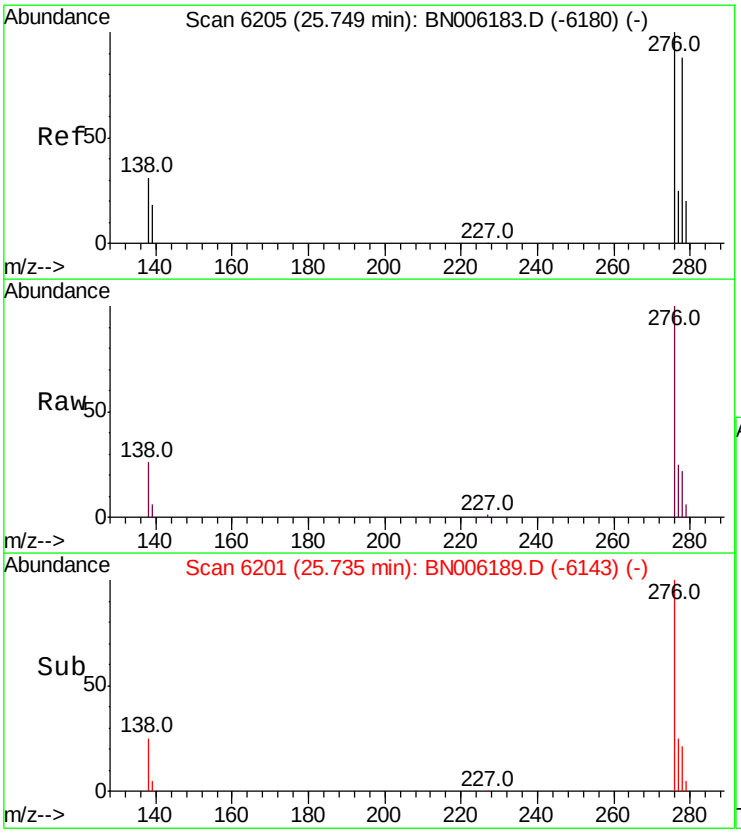
6/11/2019 4:30:29 PM

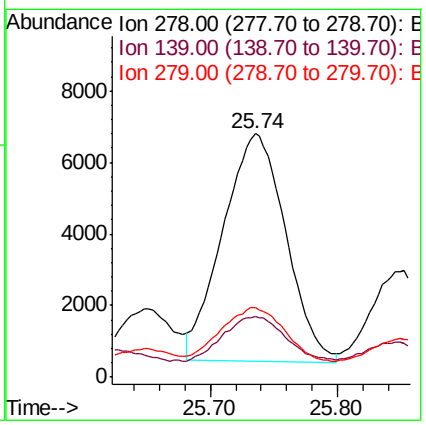


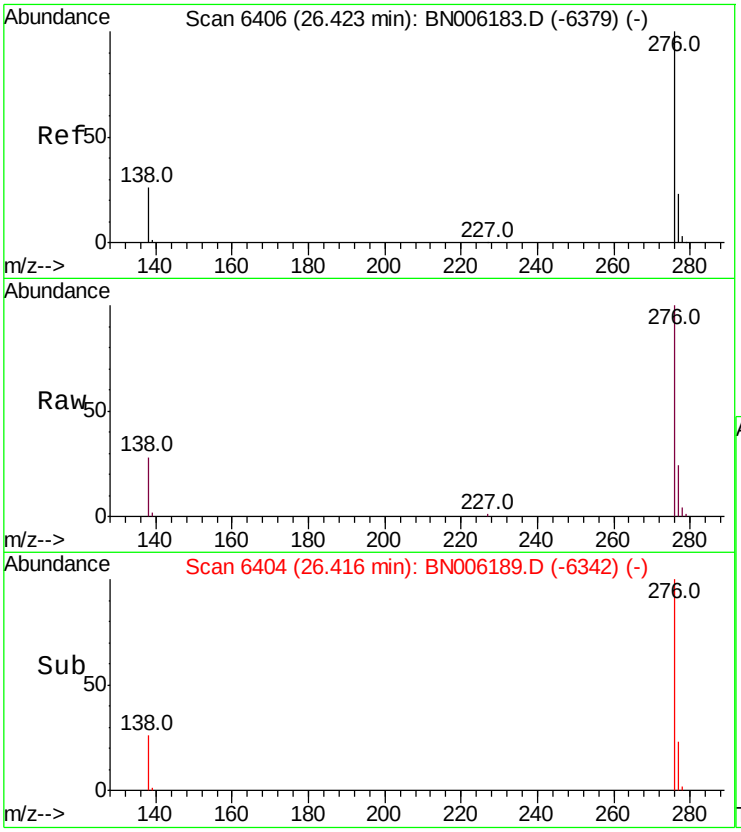


#25
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. -0.01 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:278 Resp: 21854

Ion	Ratio	Lower	Upper
278	100		
139	24.9	21.2	31.8
279	28.4	22.6	33.8

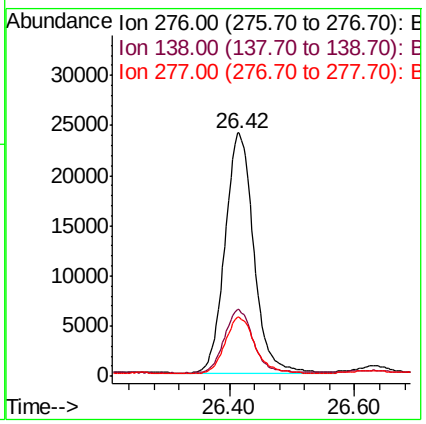




#26
Benzo(g,h,i)perylene
Concen: 1.260 ng/ul
RT: 26.42 min Scan# 6404
Delta R.T. 0.01 min
Lab File: BN006189.D
Acq: 08 Jun 2019 13:55

Tgt Ion:276 Resp: 75964

Ion	Ratio	Lower	Upper
276	100		
138	27.5	24.2	36.4
277	24.3	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A51D2

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:29 PM