Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006190.D
Acq On : 08 Jun 2019 14:29
Operator : JU/SJ
Sample : K3016-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D3

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:38 PM

Quant Time: Jun 08 15:49:47 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	5120	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19800	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9954	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19058m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	13804m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	21325	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5271	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10102m	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	5112	0.094	ng/ul#	95
5) 2-Methylnaphthalene	12.10	142	2171	0.057	ng/ul	96
7) Acenaphthylene	14.01	152	62083	1.122	ng/ul	100
8) Acenaphthene	14.36	153	1651	0.043	ng/ul#	94
9) Fluorene	15.35	166	6059	0.135	ng/ul#	95
12) Phenanthrene	17.09	178	145618m	2.380	ng/ul	
13) Anthracene	17.18	178	41562m	0.711	ng/ul	
15) Fluoranthene	19.12	202	280326m	4.150	ng/ul	
17) Pyrene	19.49	202	241939	3.327	ng/ul	98
18) Benzo(a)anthracene	21.26	228	78675	1.289	ng/ul	94
19) Chrysene	21.31	228	133076	2.322	ng/ul	99
21) Benzo(b)fluoranthene	22.85	252	179212m	2.015	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	78833m	0.910	ng/ul	
23) Benzo(a)pyrene	23.42	252	107765	1.301	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.75	276	92694	1.034	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.75	278	21000	0.293	ng/ul	100
26) Benzo(g,h,i)perylene	26.43	276	78526	1.046	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 : BN006190.D
Acq On : 08 Jun 2019 14:29
Operator : JU/SJ
Sample : K3016-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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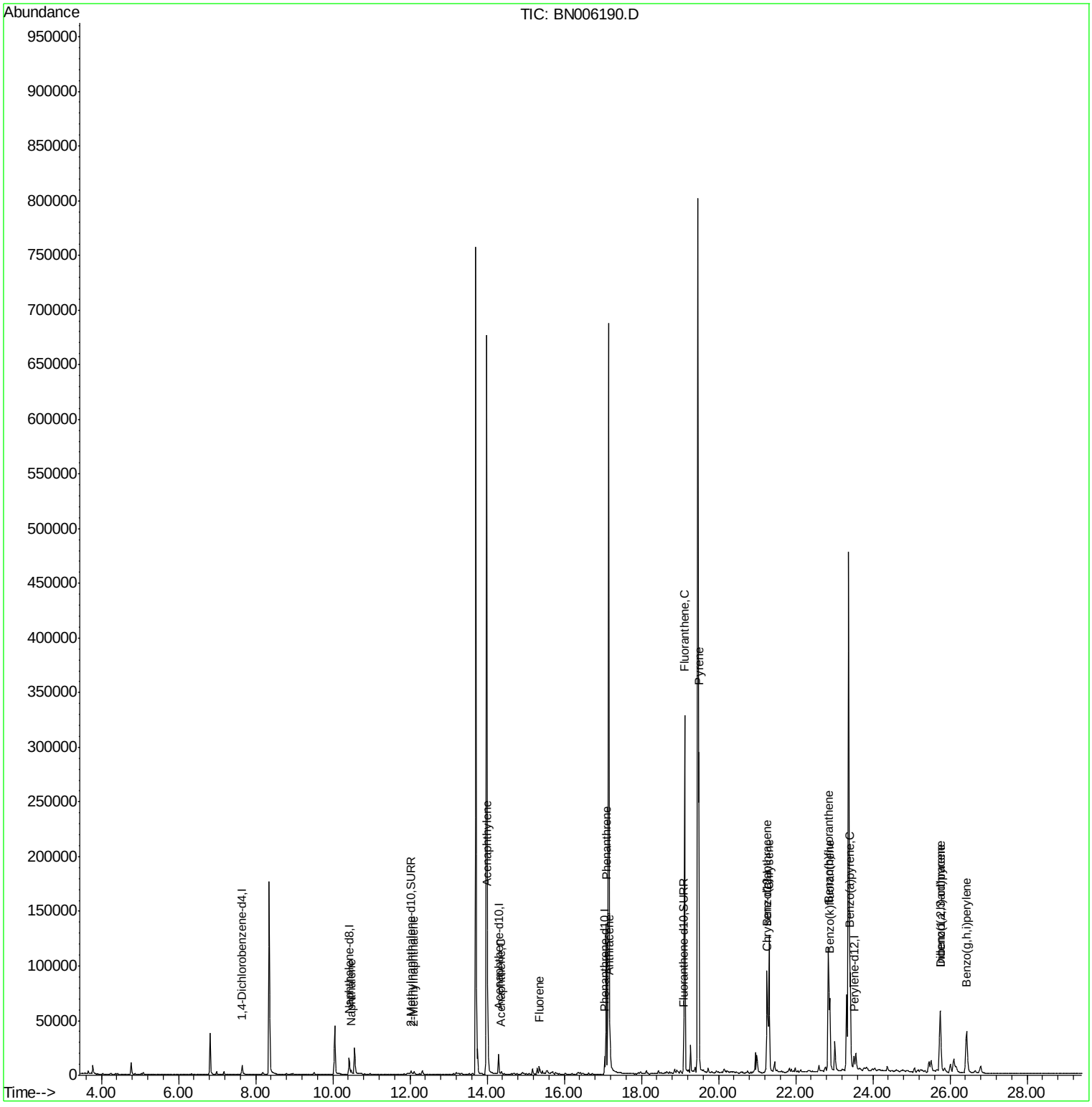
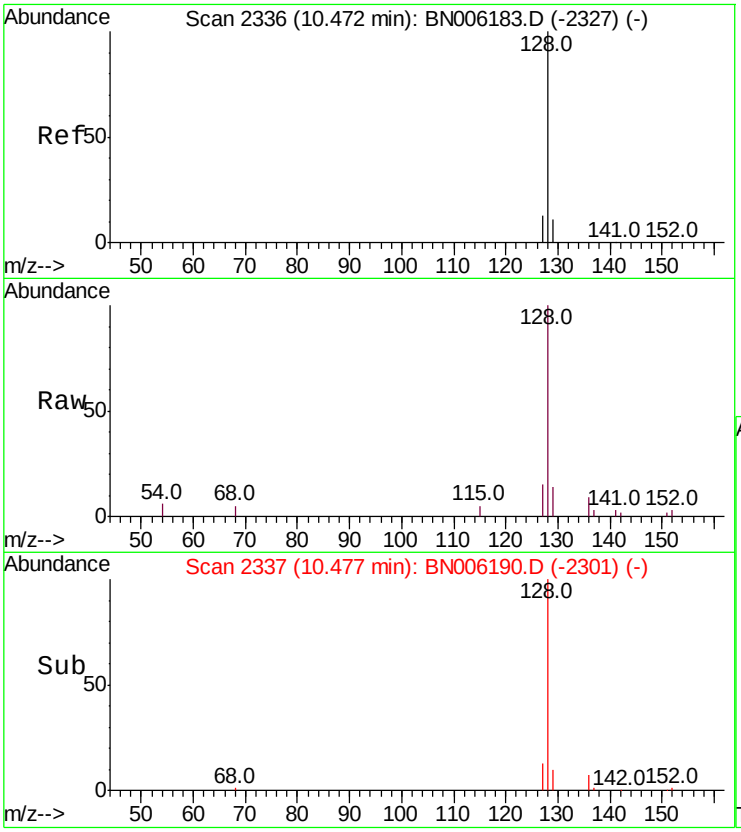
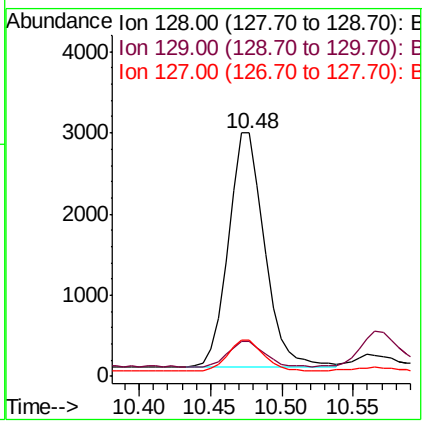




#3
Naphthalene
Concen: 0.094 ng/ul
RT: 10.48 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:128 Resp: 5112

Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.3	13.9#
127	14.7	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
A51D3

Manual Integrations APPROVED
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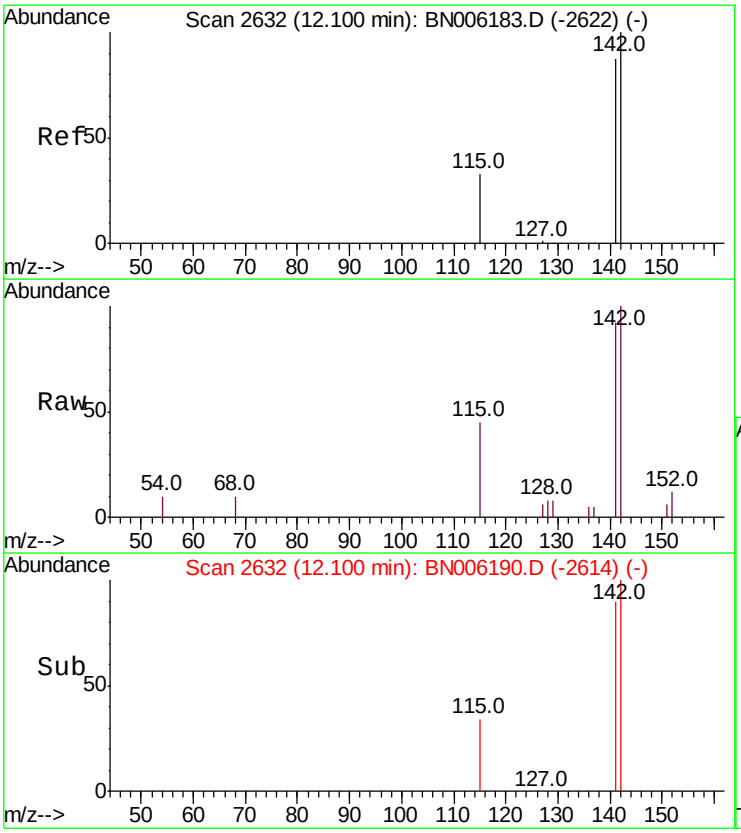
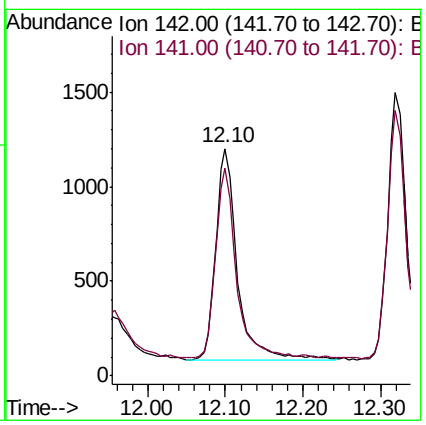
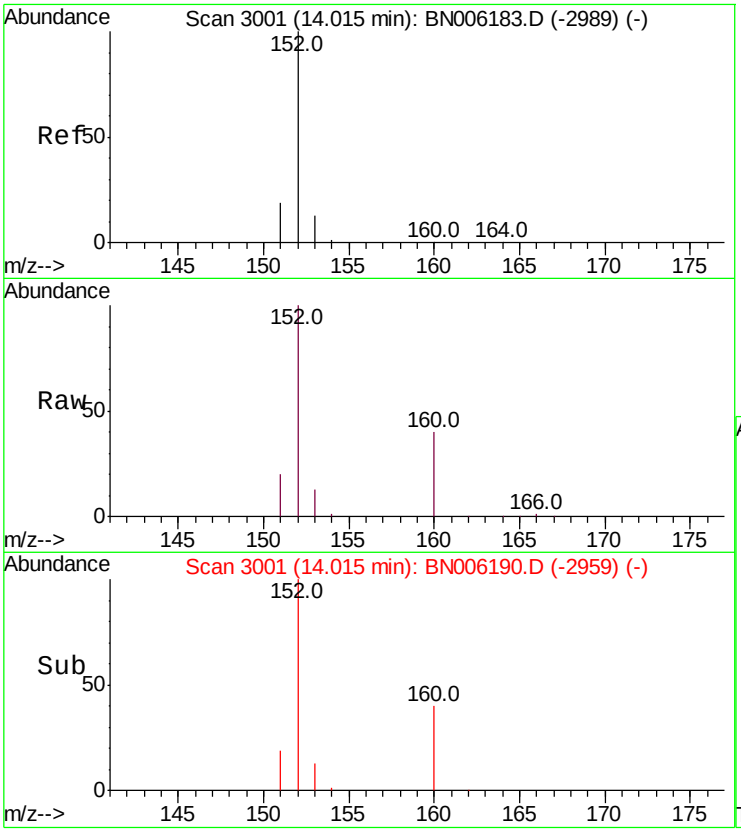


#5
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. 0.00 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:142 Resp: 2171

Ion	Ratio	Lower	Upper
142	100		
141	84.5	70.3	105.5

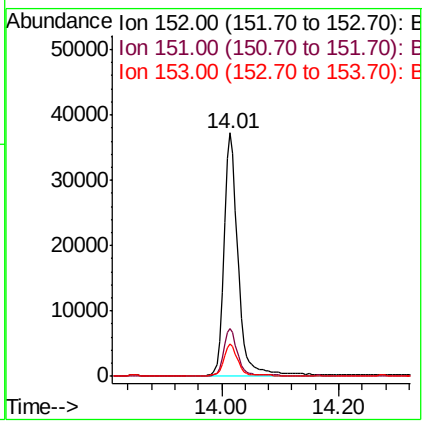




#7
Acenaphthylene
Concen: 1.122 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:152 Resp: 62083

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.3	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
A51D3

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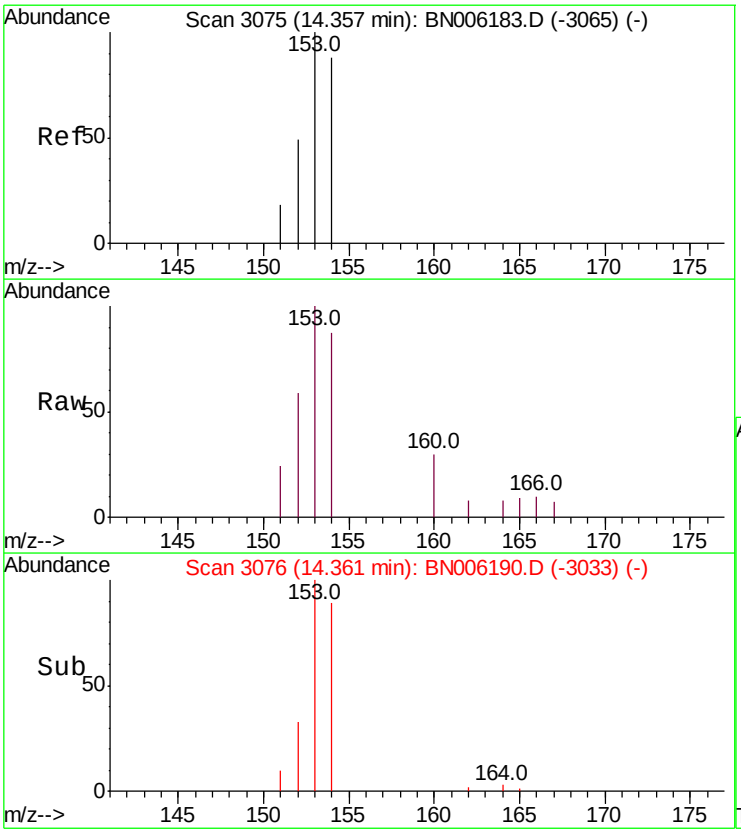
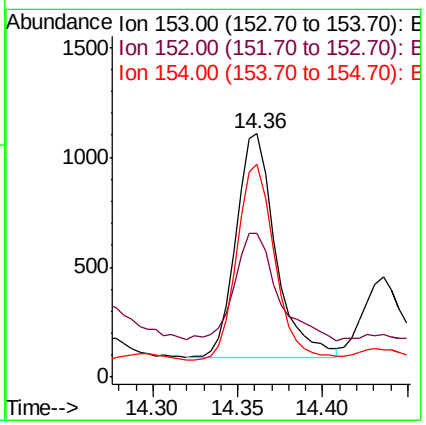
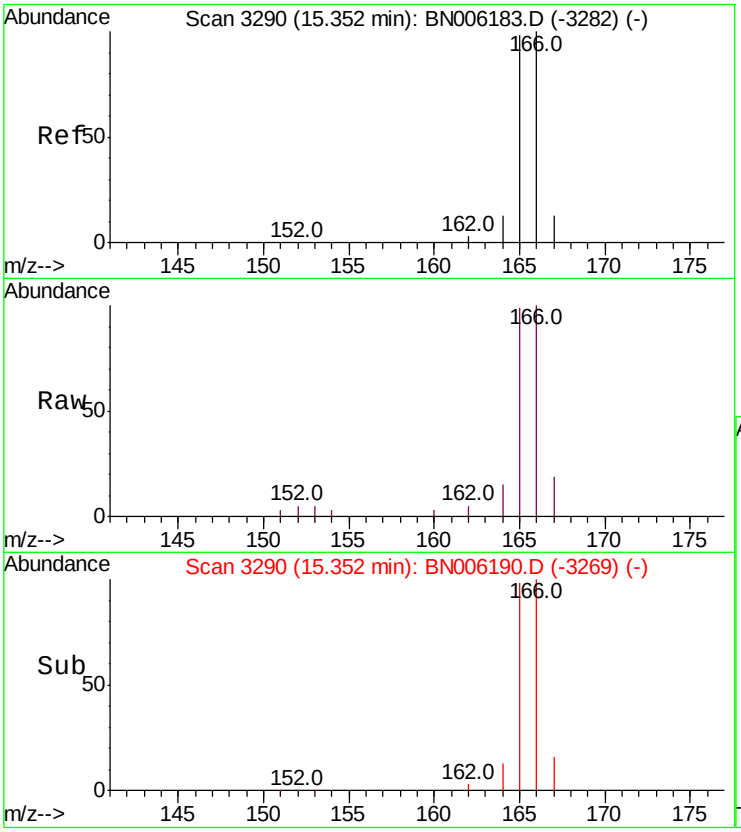


#8
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:153 Resp: 1651

Ion	Ratio	Lower	Upper
153	100		
152	59.2	39.1	58.7#
154	87.4	71.1	106.7

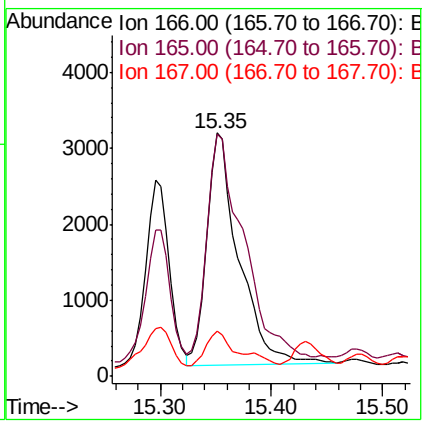




#9
Fluorene
Concen: 0.135 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:166 Resp: 6059

Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.4	114.6
167	18.6	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
A51D3

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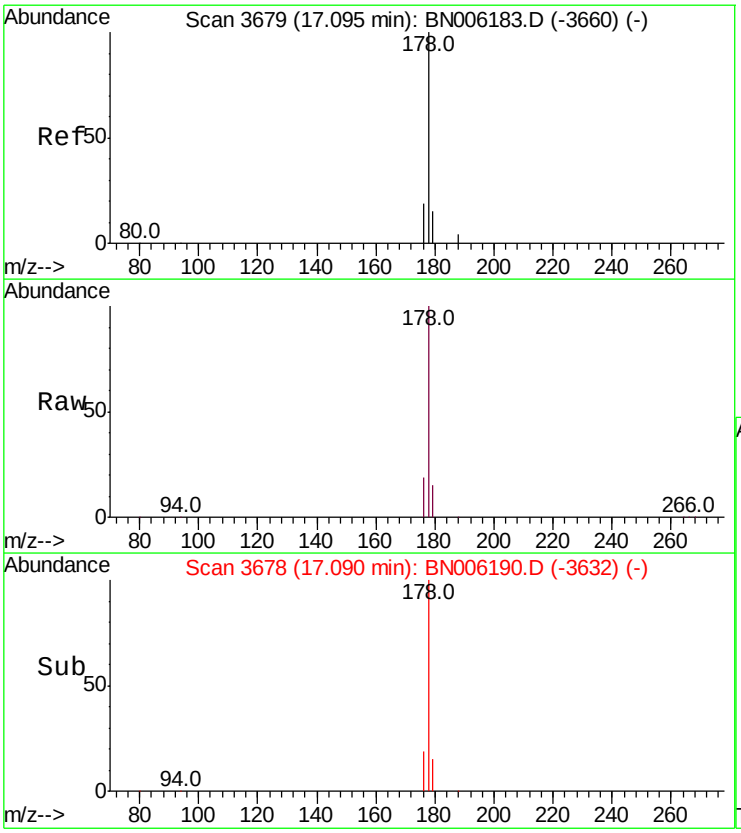
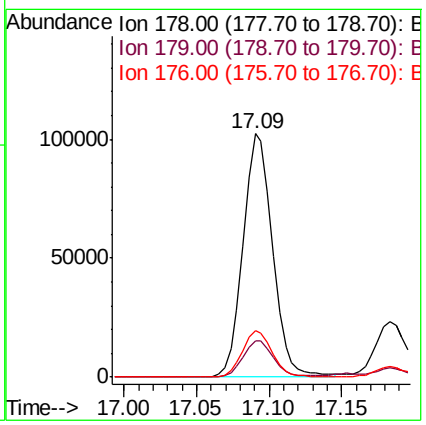
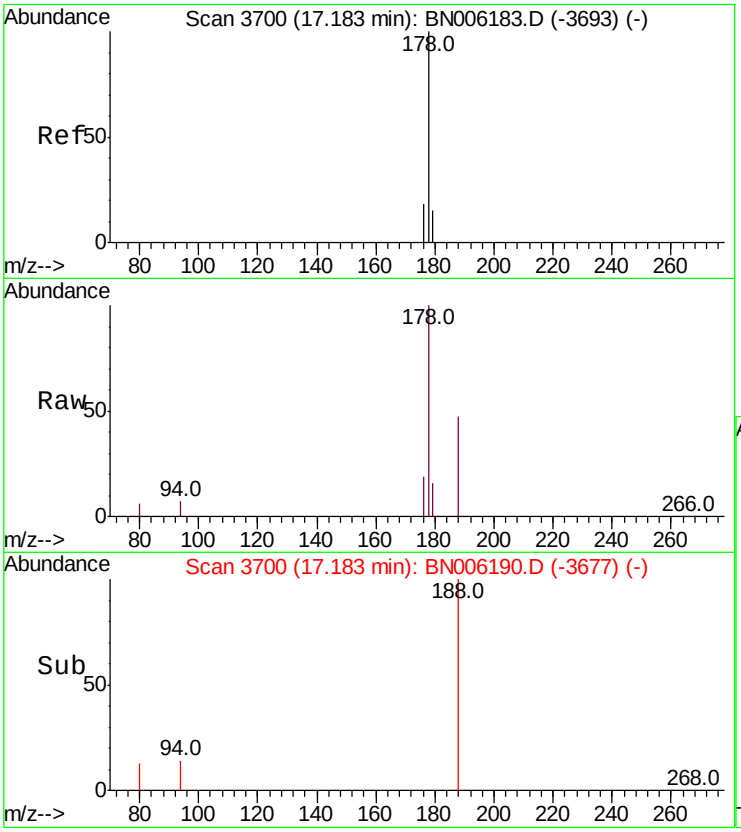


#12
Phenanthrene
Concen: 2.380 ng/ul m
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:178 Resp: 145618

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.3	15.3	22.9

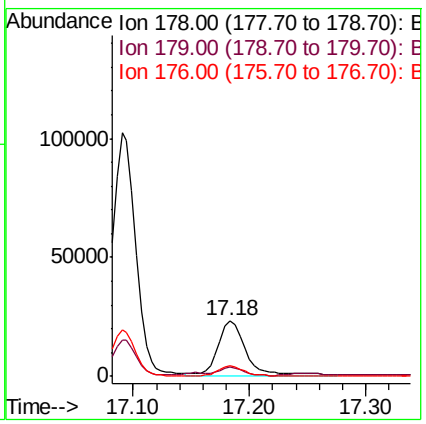




#13
Anthracene
Concen: 0.711 ng/ul m
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:178 Resp: 41562

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.9	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A51D3

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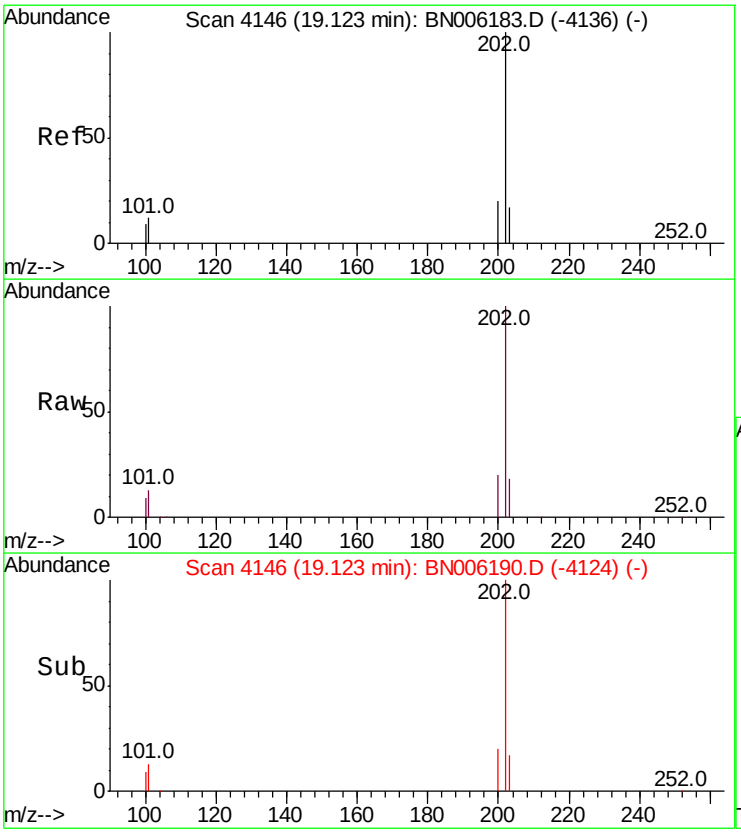
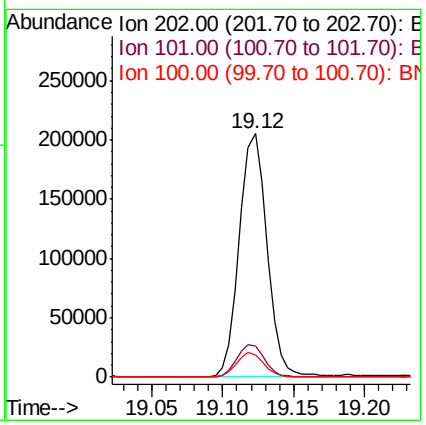
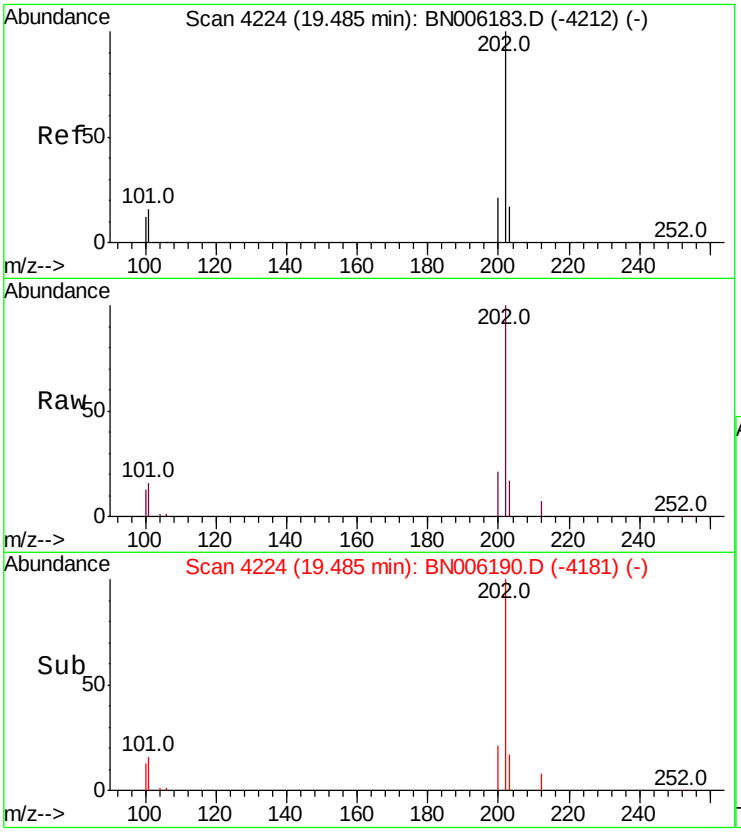


#15
Fluoranthene
Concen: 4.150 ng/ul m
RT: 19.12 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:202 Resp: 280326

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.1
100	9.2	0.0	28.7

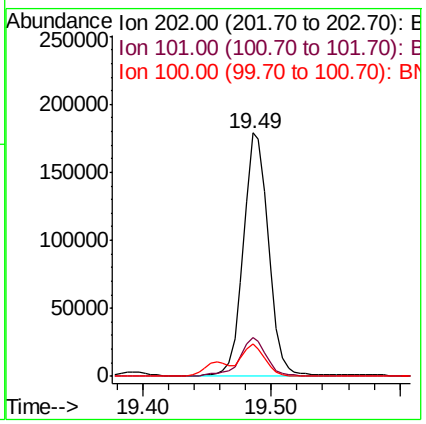




#17
Pyrene
Concen: 3.327 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:202 Resp: 241939

Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.2	18.2
100	13.1	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A51D3

Manual Integrations APPROVED
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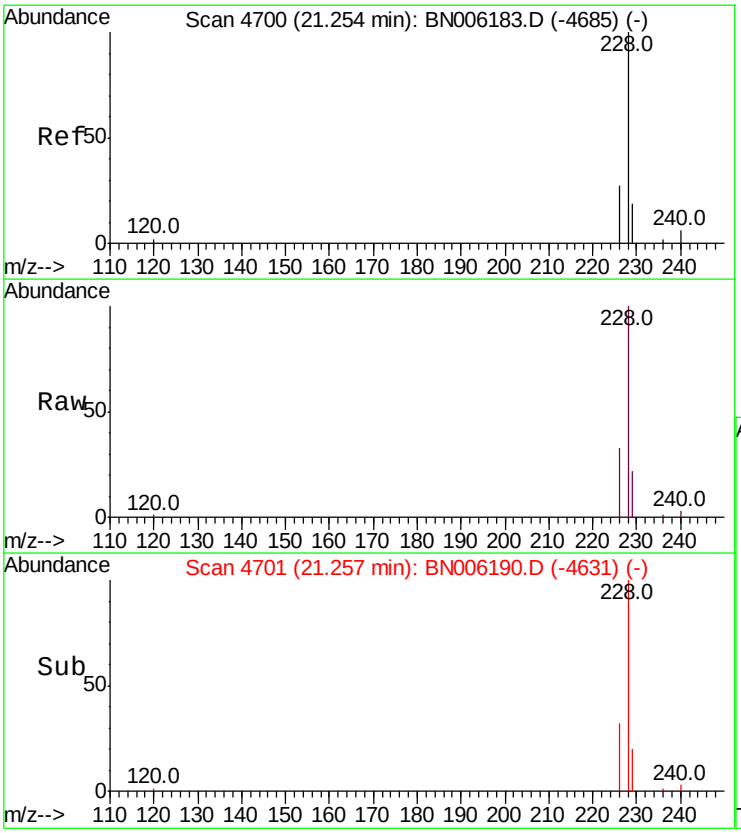
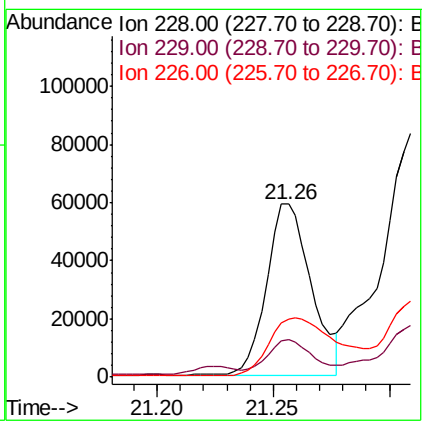
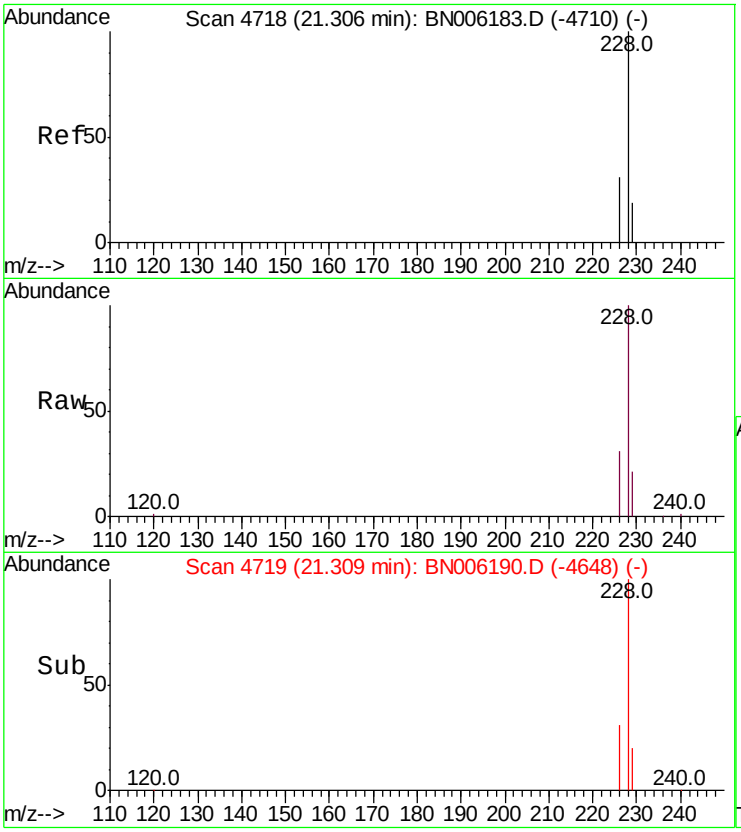


#18
Benzo(a)anthracene
Concen: 1.289 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.01 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:228 Resp: 78675

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.5	24.7
226	33.3	22.8	34.2

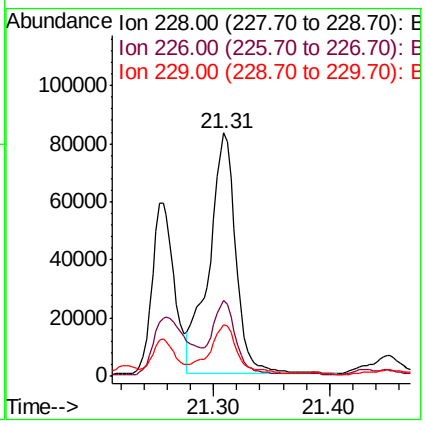




#19
Chrysene
Concen: 2.322 ng/ul
RT: 21.31 min Scan# 4719
Delta R.T. 0.01 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:228 Resp: 133076

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.2	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
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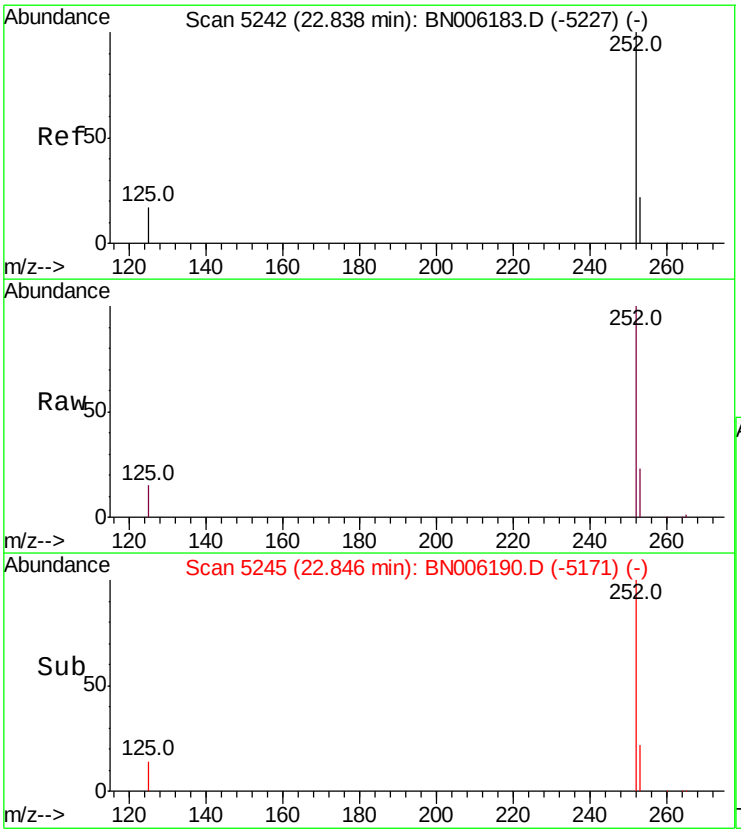
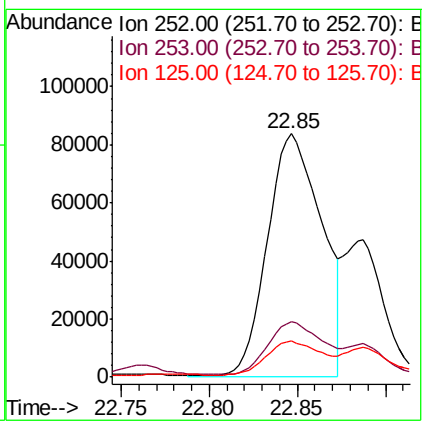
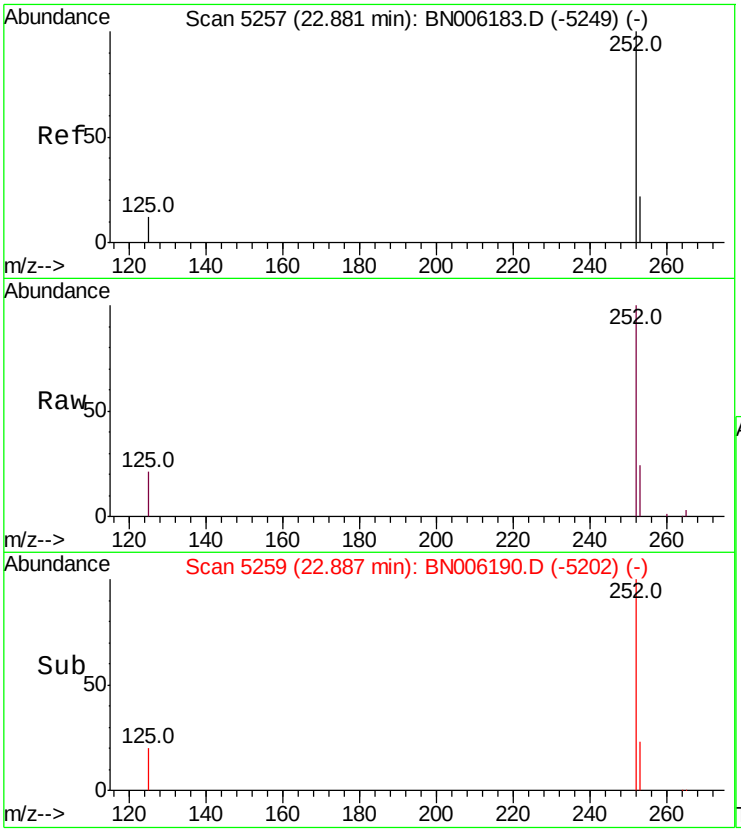


#21
Benzo(b)fluoranthene
Concen: 2.015 ng/ul m
RT: 22.85 min Scan# 5245
Delta R.T. 0.02 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:252 Resp: 179212

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	51.4
125	14.8	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.910 ng/ul m
RT: 22.89 min Scan# 5259
Delta R.T. 0.02 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:252 Resp: 78833

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.3	30.5
125	21.4	14.3	21.5

Instrument :
BNA_N
ClientSampleId :
A51D3

Manual Integrations APPROVED
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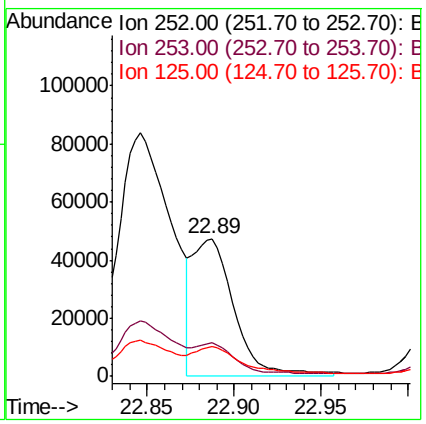
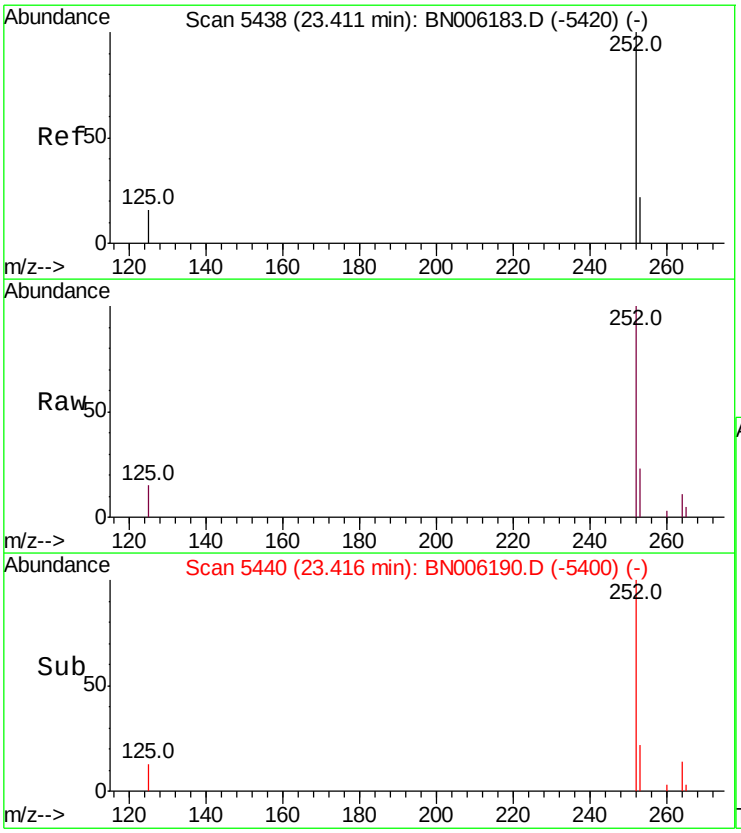
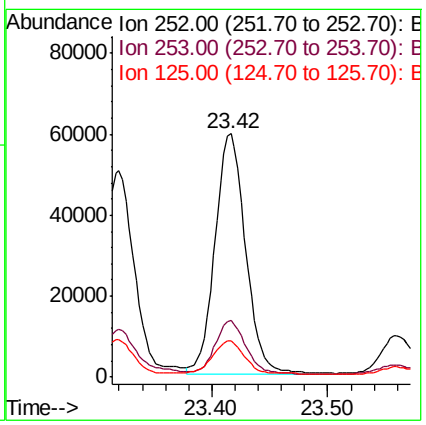


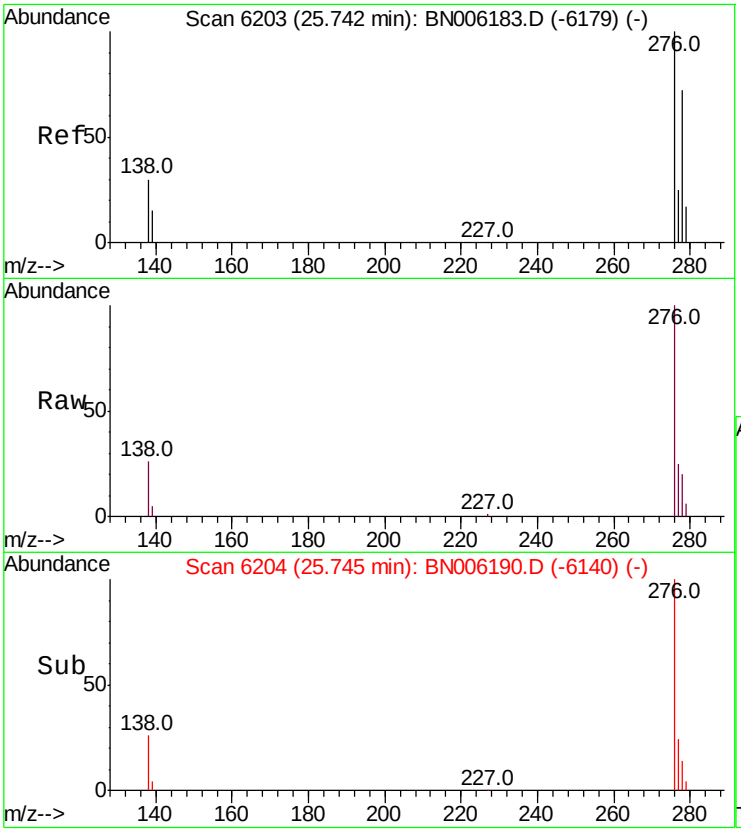


#23
Benzo(a)pyrene
Concen: 1.301 ng/ul
RT: 23.42 min Scan# 5440
Delta R.T. 0.02 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:252 Resp: 107765

Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.1	31.7
125	14.7	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.034 ng/ul
RT: 25.75 min Scan# 6204
Delta R.T. 0.01 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:276 Resp: 92694

Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.6	38.4#
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A51D3

Manual Integrations APPROVED
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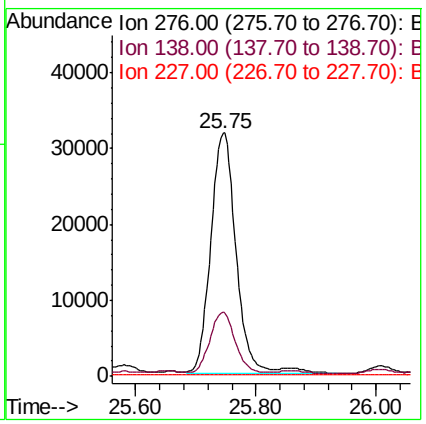
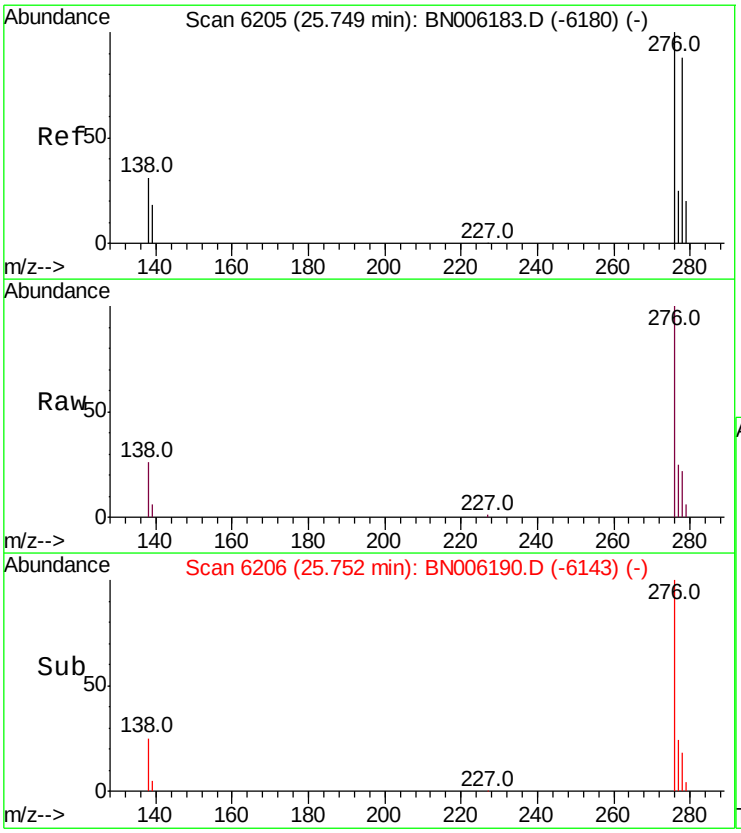
6/11/2019 4:30:38 PM

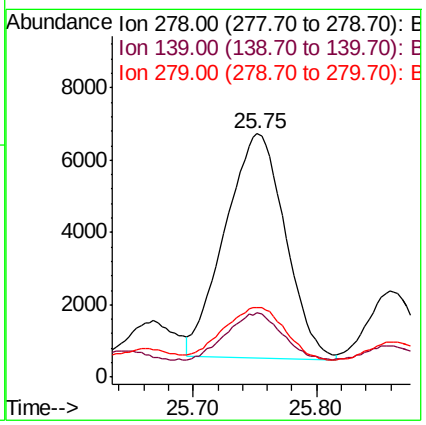


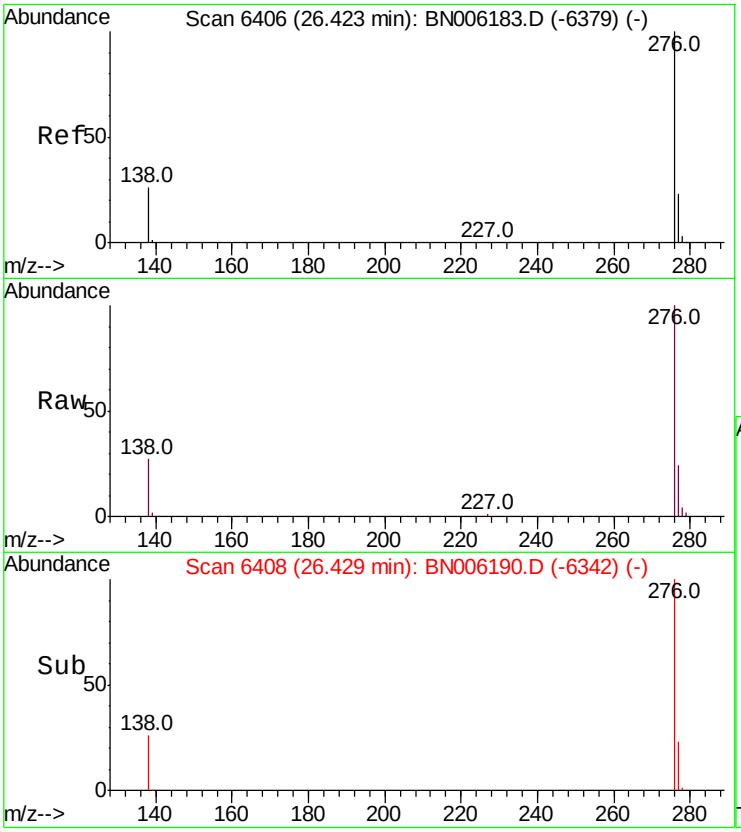


#25
Dibenzo(a,h)anthracene
Concen: 0.293 ng/ul
RT: 25.75 min Scan# 6206
Delta R.T. 0.01 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:278 Resp: 21000

Ion	Ratio	Lower	Upper
278	100		
139	26.6	21.2	31.8
279	28.6	22.6	33.8

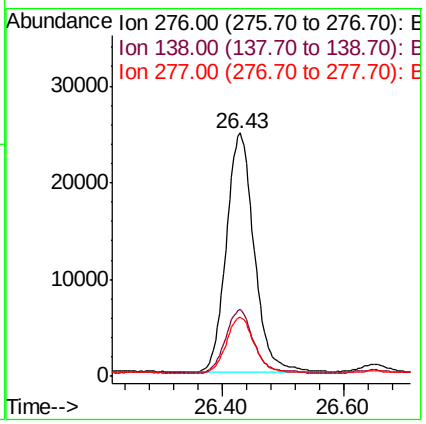




#26
Benzo(g,h,i)perylene
Concen: 1.046 ng/ul
RT: 26.43 min Scan# 6408
Delta R.T. 0.02 min
Lab File: BN006190.D
Acq: 08 Jun 2019 14:29

Tgt Ion:276 Resp: 78526

Ion	Ratio	Lower	Upper
276	100		
138	27.3	24.2	36.4
277	24.3	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A51D3

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:38 PM