Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006153.D
Acq On : 07 Jun 2019 02:21
Operator : JU/SJ
Sample : K3201-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
6/11/2019 5:07:49 PM

Quant Time: Jun 07 03:44:45 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	5886	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21390	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11875	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	24992m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	19561m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	22553m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8060	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	20971m	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	262737	4.451	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	95223	2.315	ng/ul	98
7) Acenaphthylene	14.02	152	179002	2.712	ng/ul	99
8) Acenaphthene	14.36	153	223286	4.876	ng/ul	99
9) Fluorene	15.36	166	250624	4.678	ng/ul	99
12) Phenanthrene	17.10	178	3571079m	44.514	ng/ul	
13) Anthracene	17.19	178	865823m	11.301	ng/ul	
15) Fluoranthene	19.13	202	4563072m	51.510	ng/ul	
17) Pyrene	19.49	202	4284617	41.584	ng/ul	99
18) Benzo(a)anthracene	21.25	228	2349479m	27.157	ng/ul	
19) Chrysene	21.31	228	2328241	28.666	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	2620103m	27.861	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1026910m	11.211	ng/ul	
23) Benzo(a)pyrene	23.40	252	1943865m	22.194	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	1267486m	13.370	ng/ul	
25) Dibenzo(a,h)anthracene	25.74	278	362727m	4.786	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	937792	11.811	ng/ul	94

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

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Manual Integrations APPROVED
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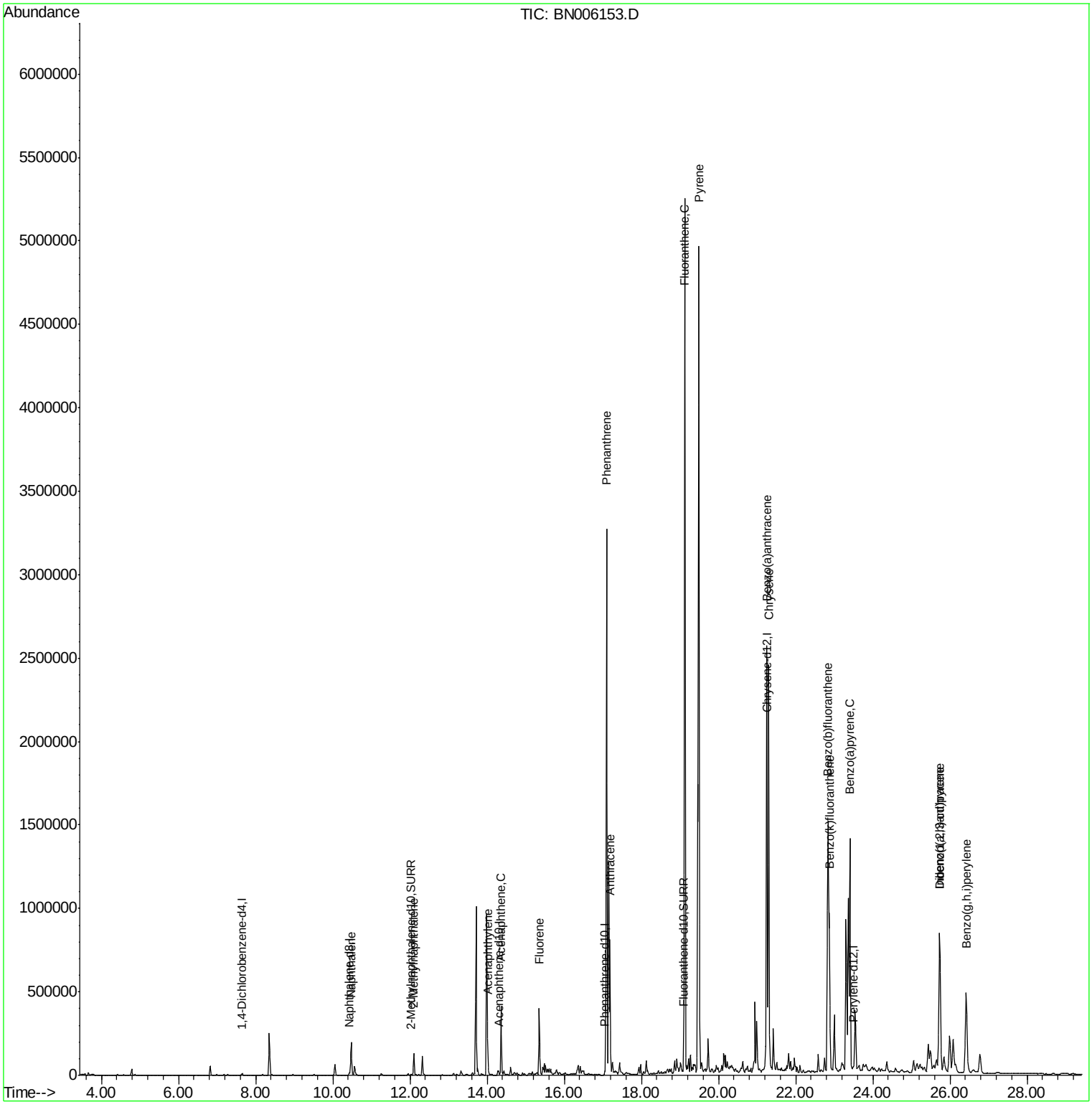

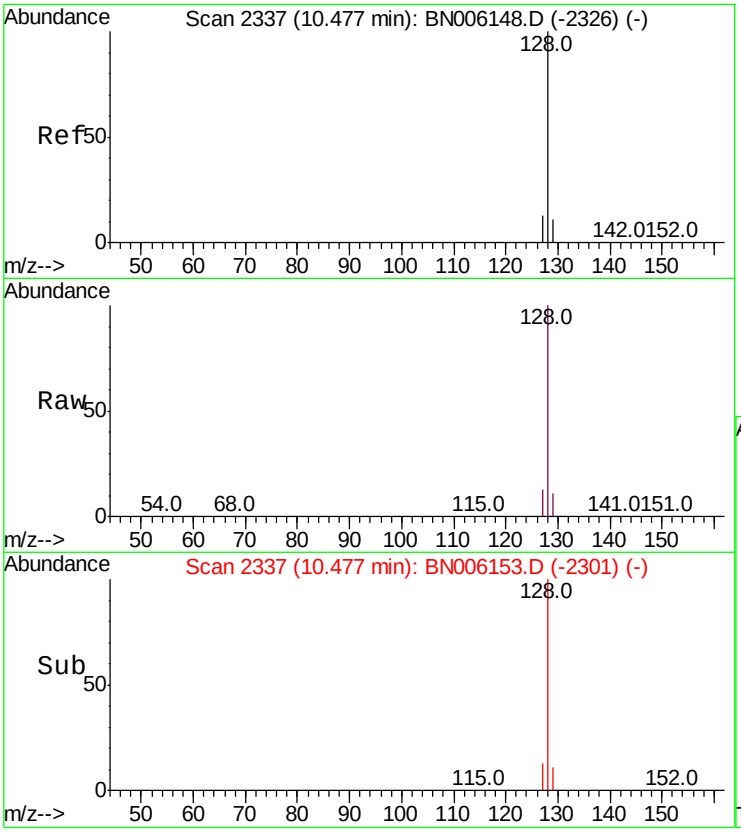

#3
Naphthalene
Concen: 4.451 ng/ul
RT: 10.48 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:128 Resp: 262737

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	12.9	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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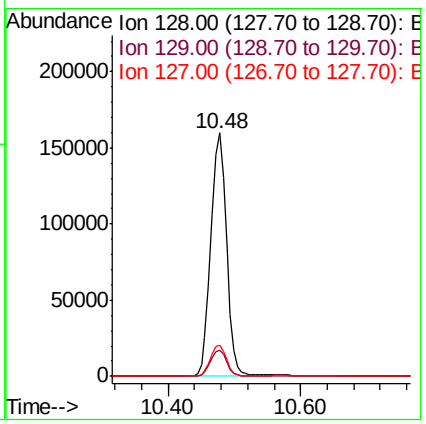
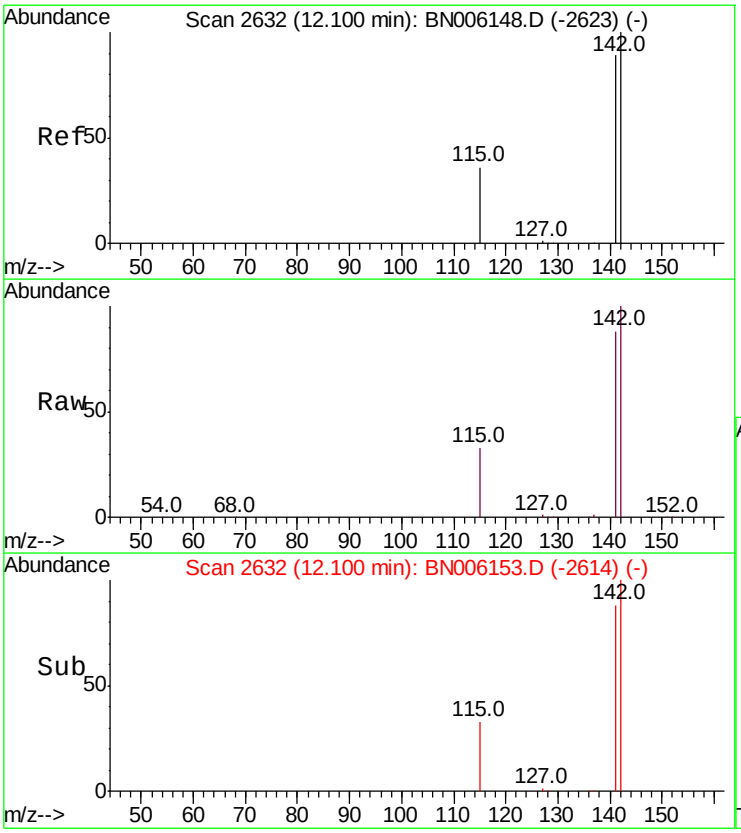
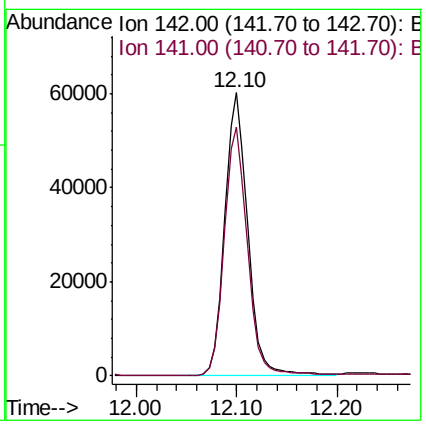


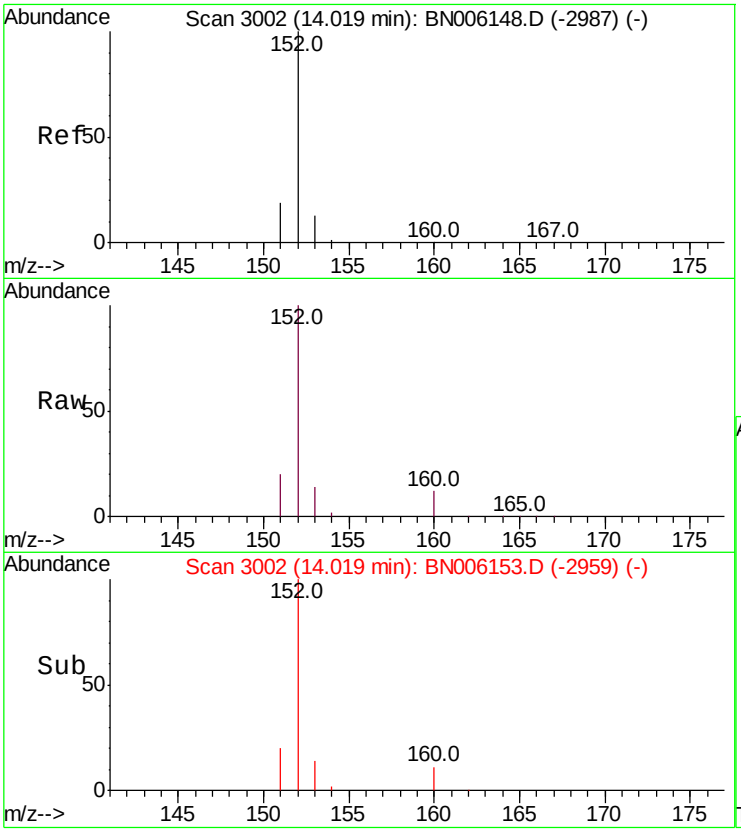


#5
2-Methylnaphthalene
Concen: 2.315 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:142 Resp: 95223

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.3	105.5





#7
Acenaphthylene
Concen: 2.712 ng/ul
RT: 14.02 min Scan# 3002
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:152 Resp: 179002

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	14.3	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
C0AD0

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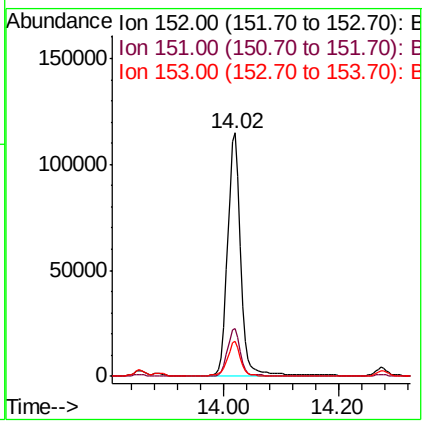
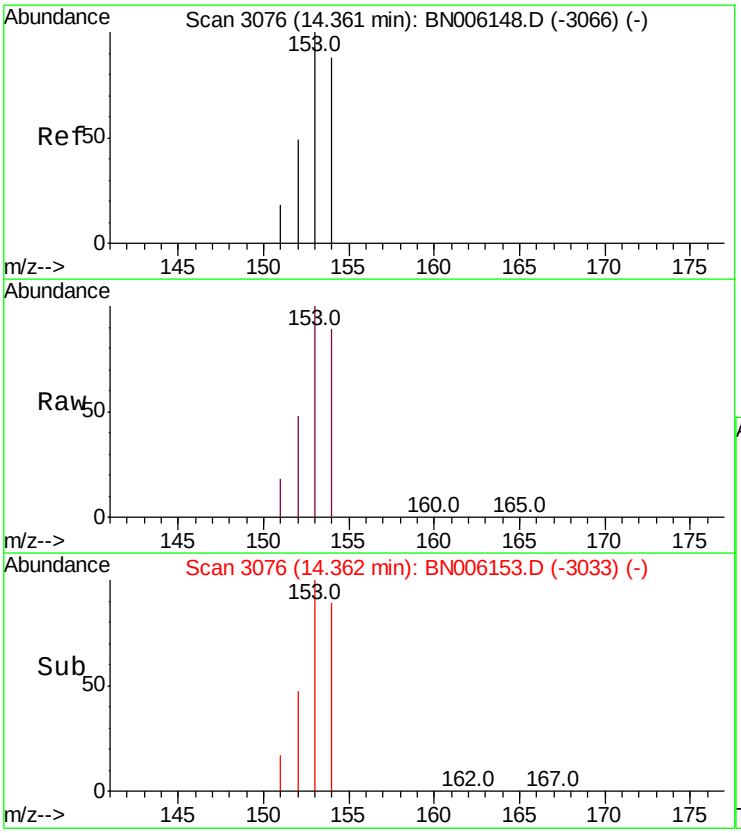
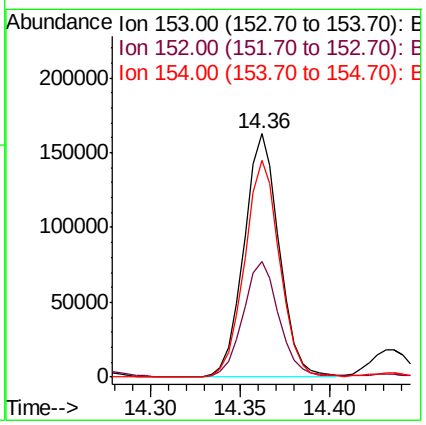


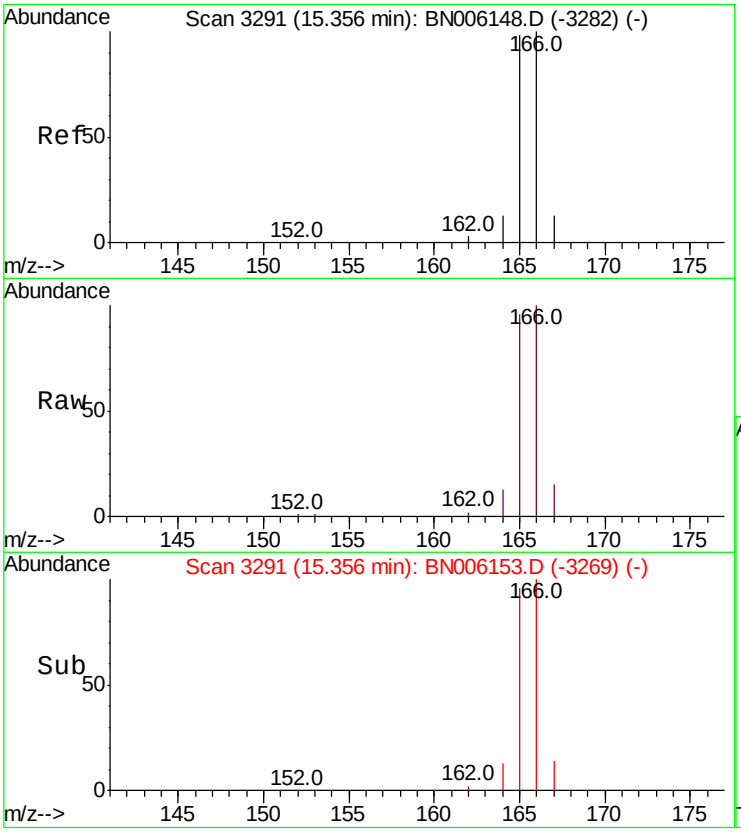


#8
Acenaphthene
Concen: 4.876 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:153 Resp: 223286

Ion	Ratio	Lower	Upper
153	100		
152	47.6	39.1	58.7
154	89.2	71.1	106.7

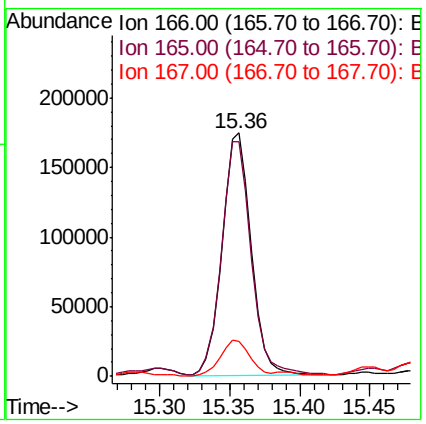




#9
Fluorene
Concen: 4.678 ng/ul
RT: 15.36 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:166 Resp: 250624

Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.4	114.6
167	14.6	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
C0AD0

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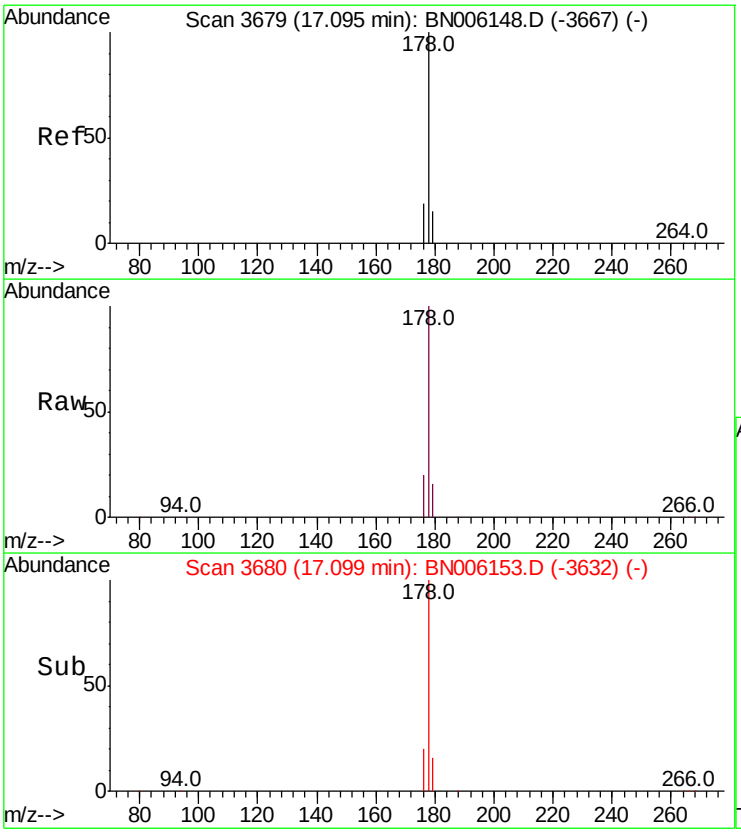
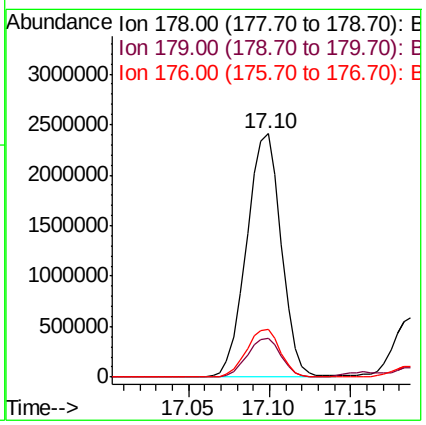
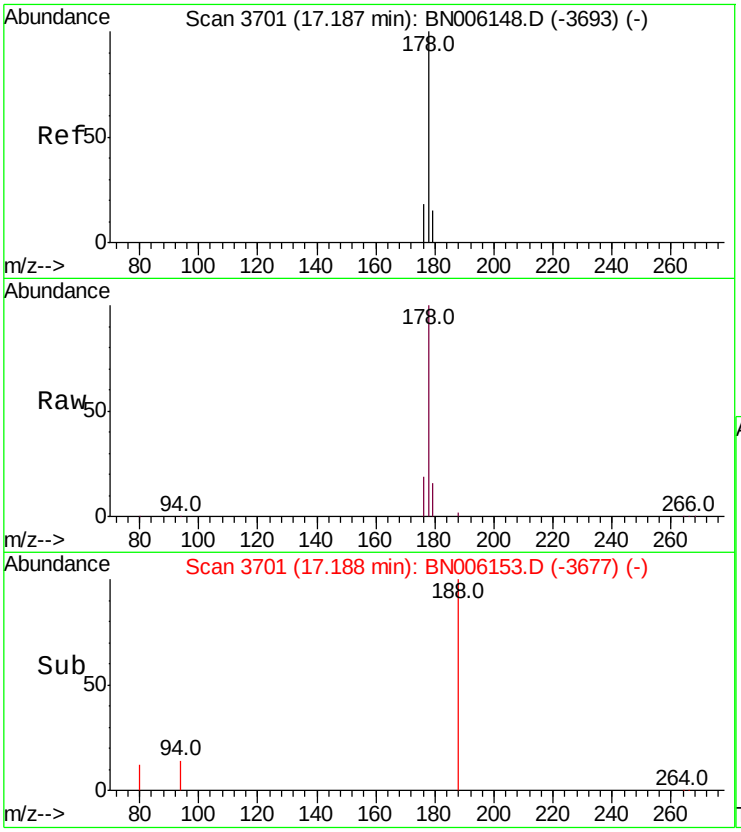


#12
Phenanthrene
Concen: 44.514 ng/ul m
RT: 17.10 min Scan# 3680
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:178 Resp: 3571079

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.7	15.3	22.9

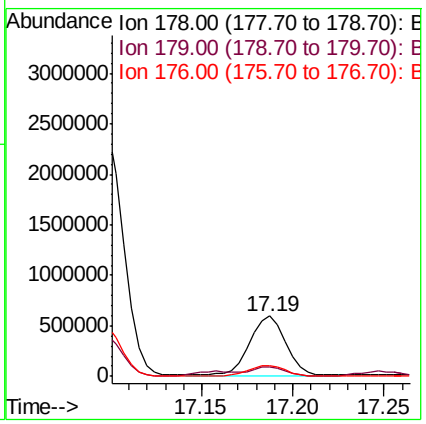




#13
Anthracene
Concen: 11.301 ng/ul m
RT: 17.19 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:178 Resp: 865823

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.6	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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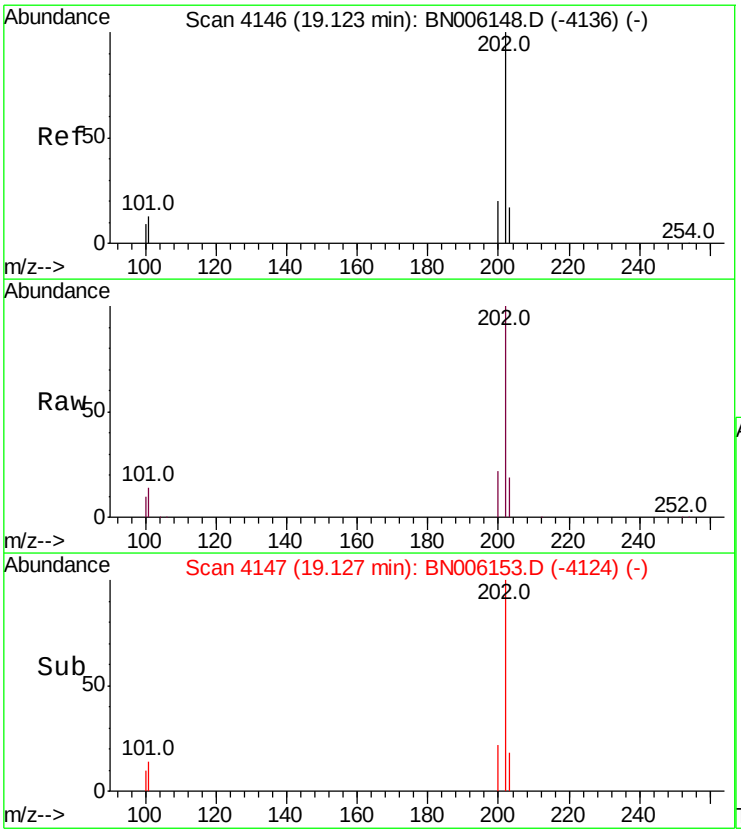
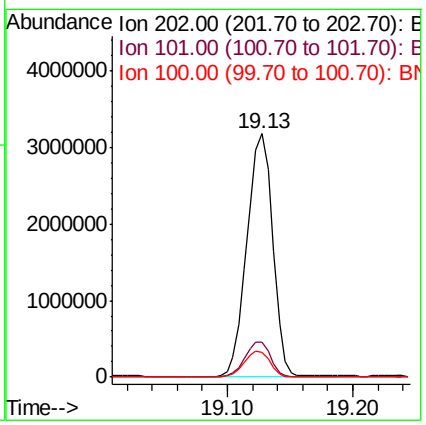
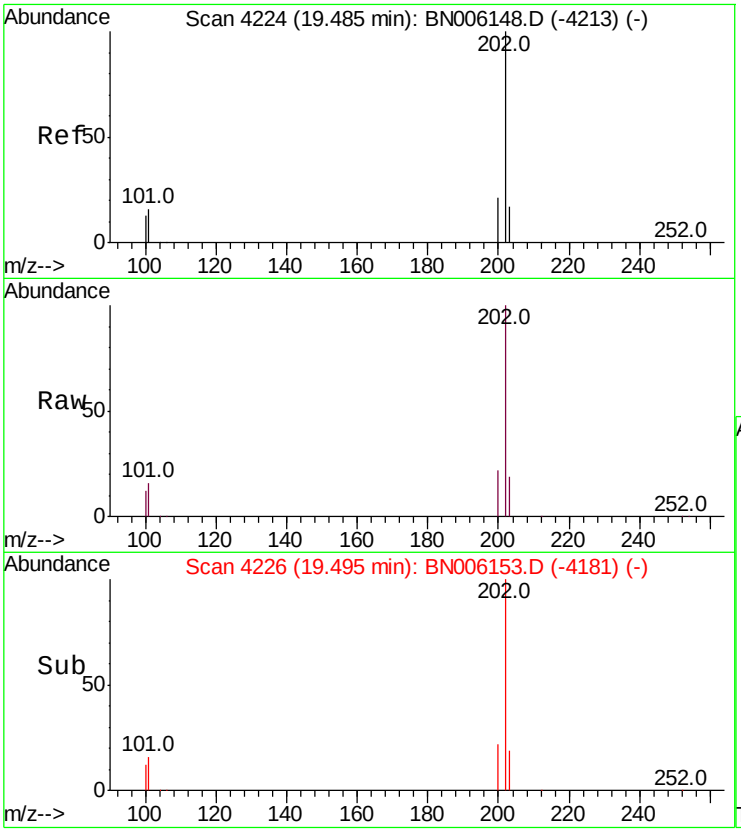


#15
Fluoranthene
Concen: 51.510 ng/ul m
RT: 19.13 min Scan# 4147
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:202 Resp: 4563072

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	32.1
100	10.4	0.0	28.7

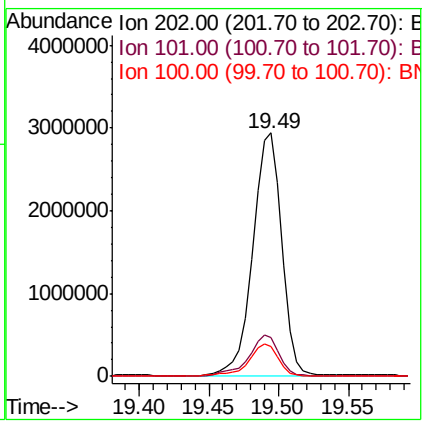




#17
Pyrene
Concen: 41.584 ng/ul
RT: 19.49 min Scan# 4226
Delta R.T. 0.01 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:202 Resp: 4284617

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.2	18.2
100	12.4	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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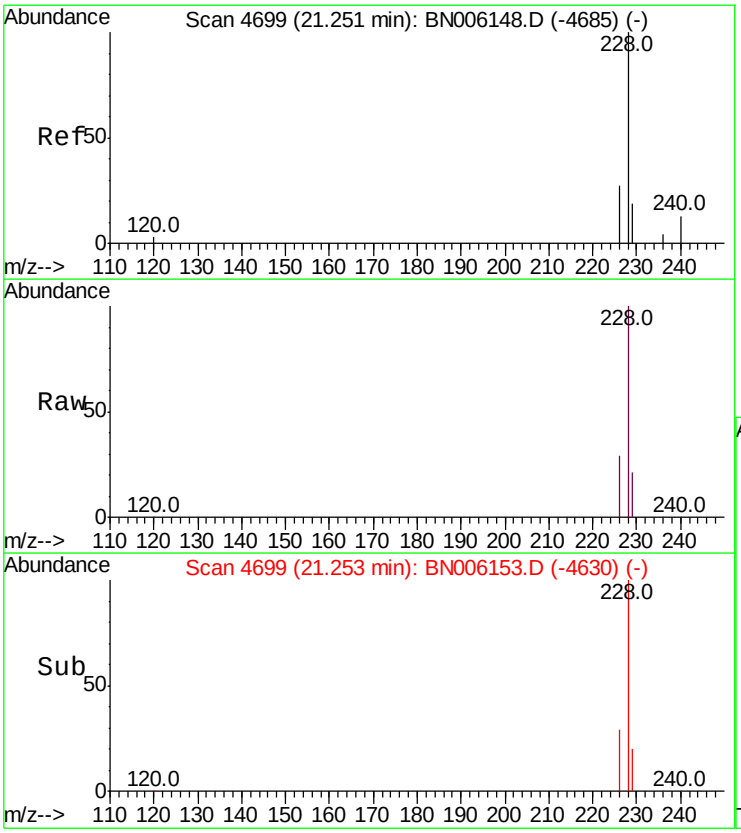
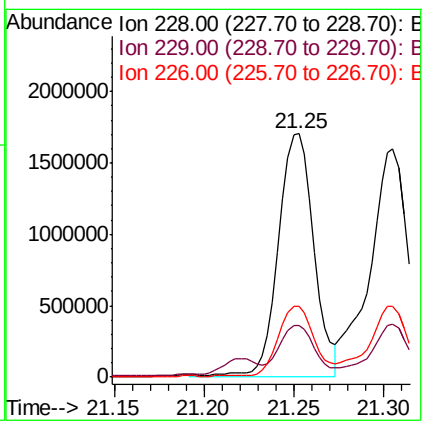
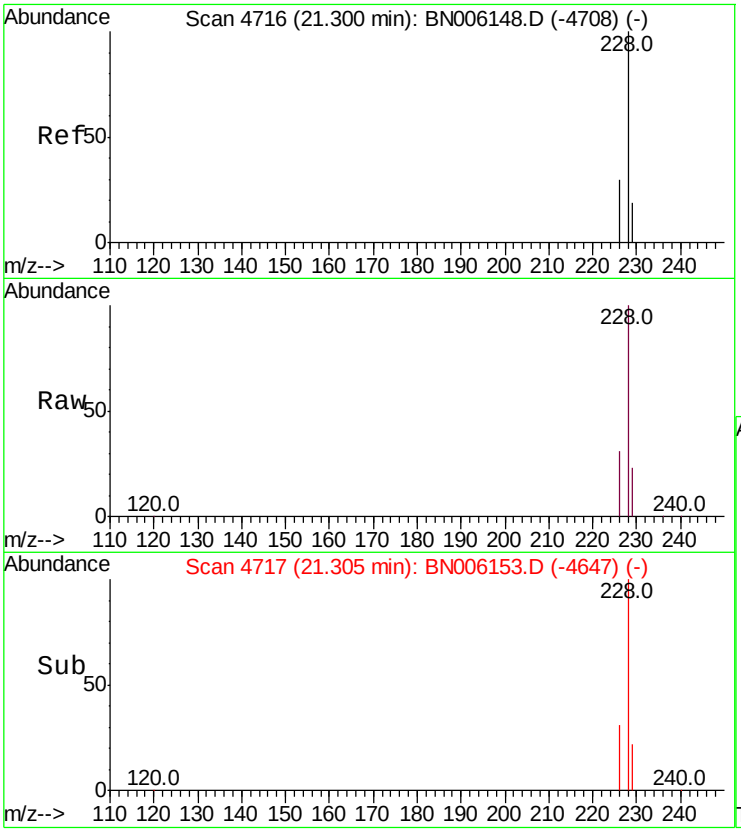


#18
Benzo(a)anthracene
Concen: 27.157 ng/ul m
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:228 Resp: 2349479

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.5	24.7
226	29.1	22.8	34.2





#19
Chrysene
Concen: 28.666 ng/ul
RT: 21.31 min Scan# 4717
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:228 Resp: 2328241

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	23.0	16.3	24.5

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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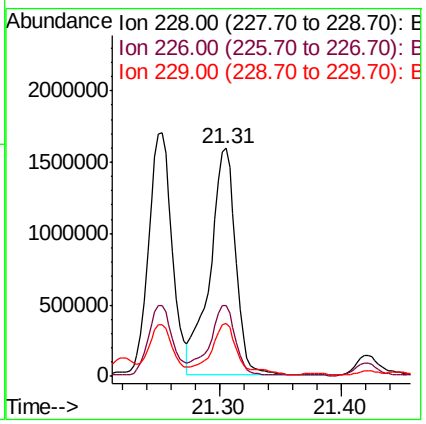
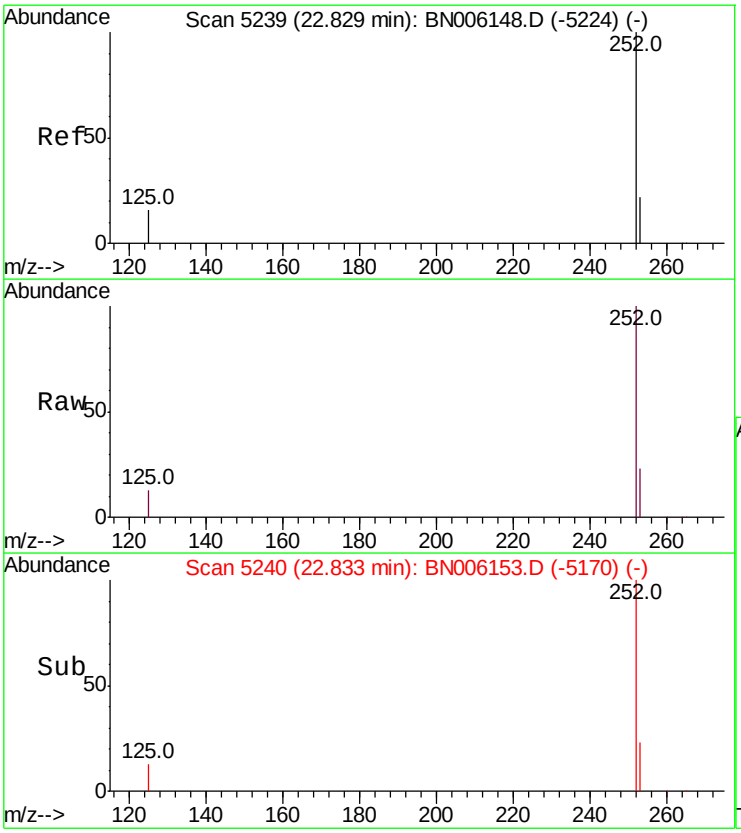
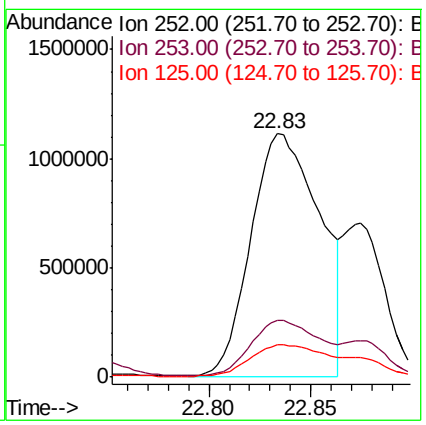


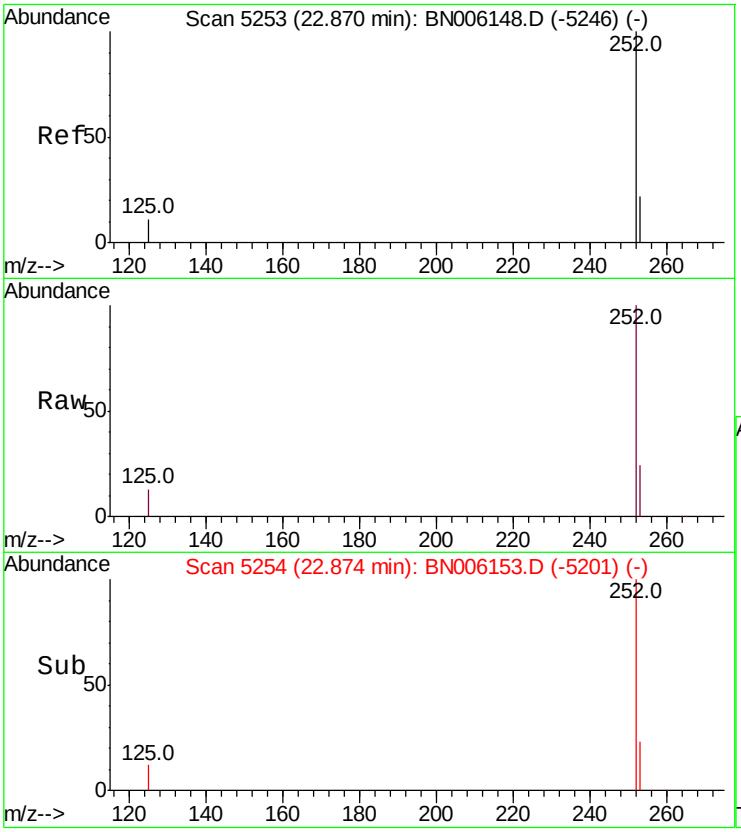


#21
Benzo(b)fluoranthene
Concen: 27.861 ng/ul m
RT: 22.83 min Scan# 5240
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:252 Resp: 2620103

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	51.4
125	13.2	0.0	41.0

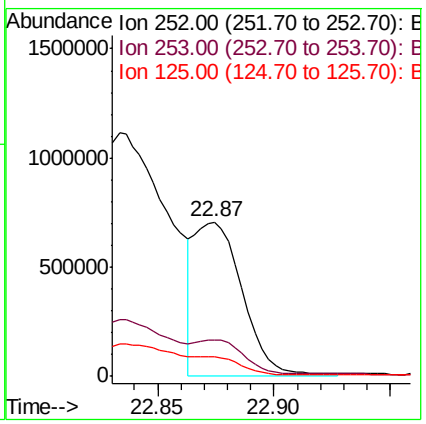




#22
Benzo(k)fluoranthene
Concen: 11.211 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:252 Resp: 1026910

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	12.9	14.3	21.5#



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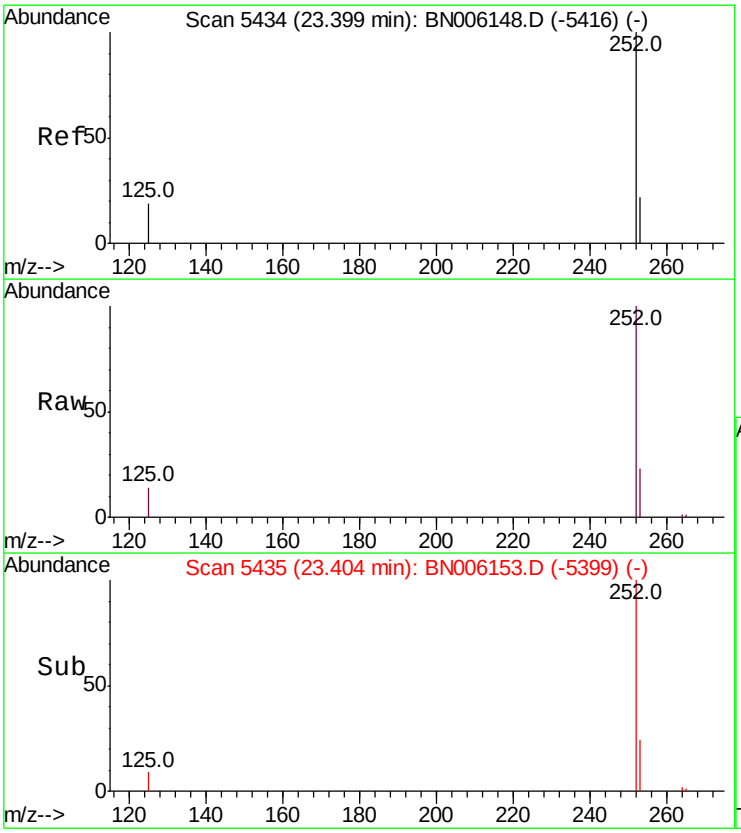
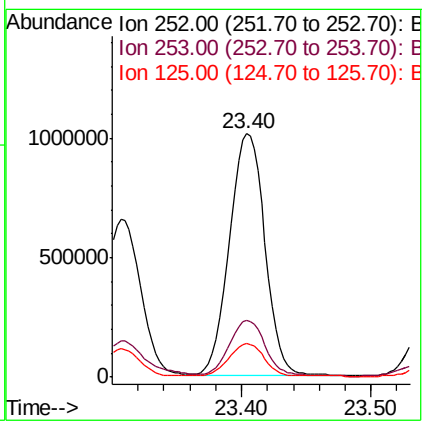
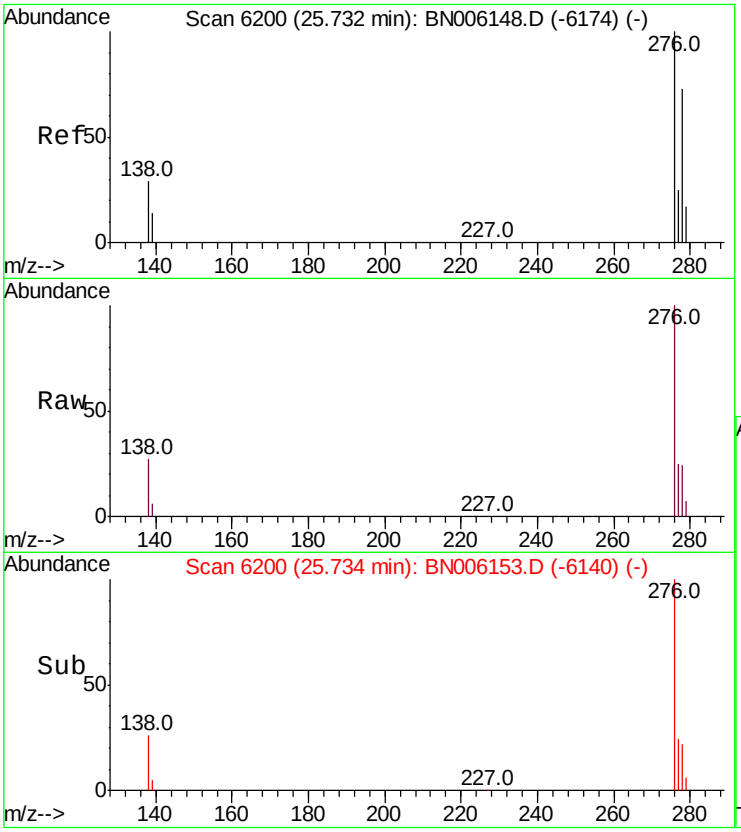


#23
Benzo(a)pyrene
Concen: 22.194 ng/ul m
RT: 23.40 min Scan# 5435
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:252 Resp: 1943865

Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.1	31.7
125	13.7	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 13.370 ng/ul m
RT: 25.73 min Scan# 6200
Delta R.T. 0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:276 Resp: 1267486

Ion	Ratio	Lower	Upper
276	100		
138	1.8	25.6	38.4#
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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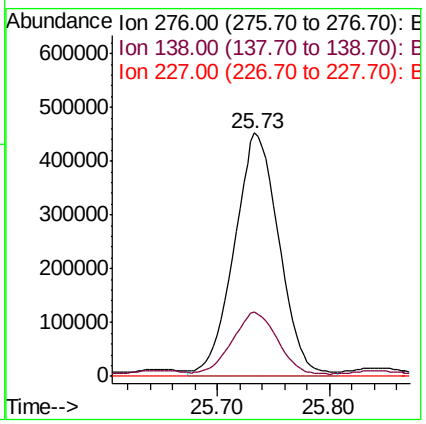
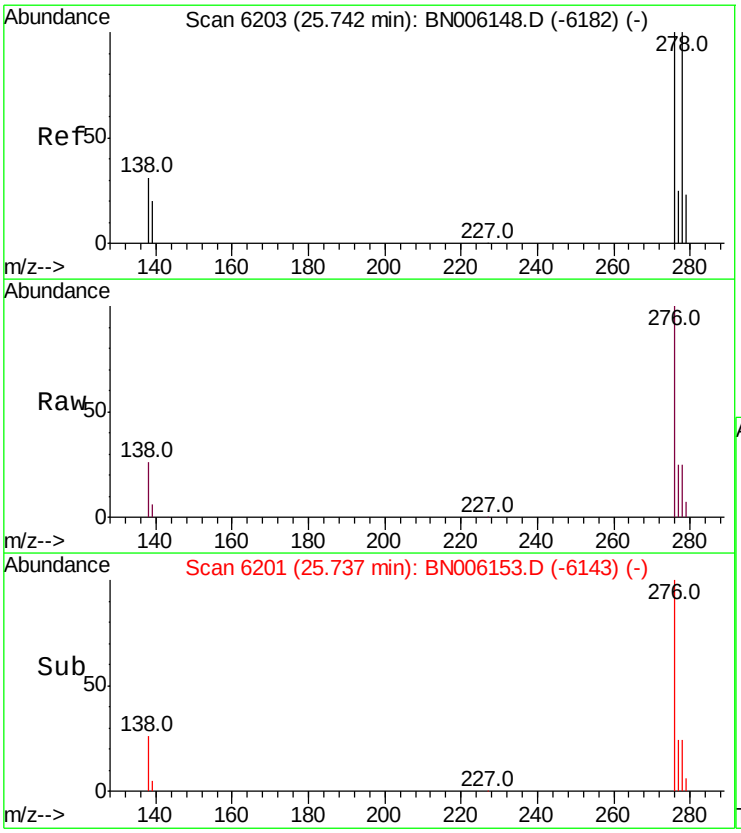
6/11/2019 5:07:49 PM

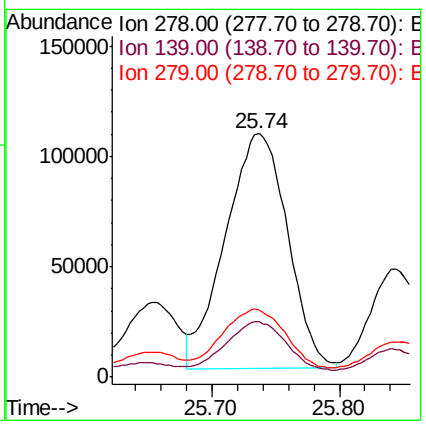


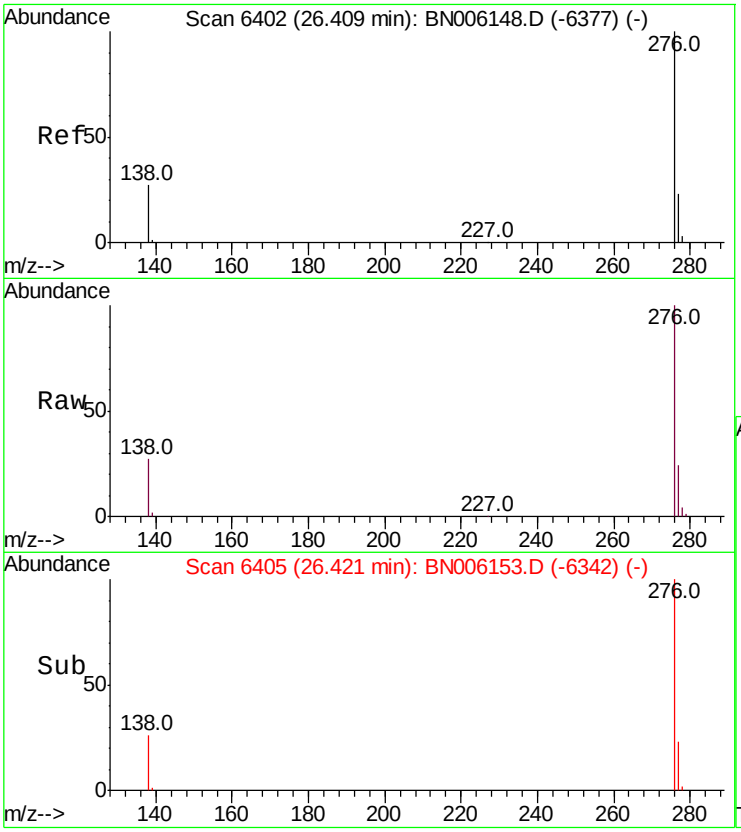


#25
Dibenzo(a,h)anthracene
Concen: 4.786 ng/ul m
RT: 25.74 min Scan# 6201
Delta R.T. -0.00 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:278 Resp: 362727

Ion	Ratio	Lower	Upper
278	100		
139	22.7	21.2	31.8
279	27.6	22.6	33.8

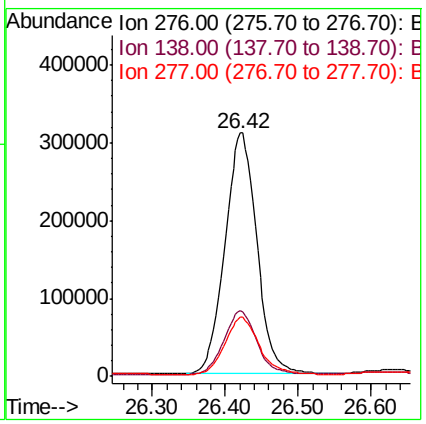




#26
Benzo(g,h,i)perylene
Concen: 11.811 ng/ul
RT: 26.42 min Scan# 6405
Delta R.T. 0.01 min
Lab File: BN006153.D
Acq: 07 Jun 2019 02:21

Tgt Ion:276 Resp: 937792

Ion	Ratio	Lower	Upper
276	100		
138	26.9	24.2	36.4
277	24.2	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
6/11/2019 5:07:49 PM