Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006184.D
Acq On : 08 Jun 2019 10:41
Operator : JU/SJ
Sample : K3201-11DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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

Quant Time: Jun 08 12:21:12 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	6181	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	22935	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11354	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	23846	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	19405	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	31773	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1655	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3175	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	43594	0.689	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	23597	0.535	ng/ul	100
7) Acenaphthylene	14.01	152	24672	0.391	ng/ul	98
8) Acenaphthene	14.36	153	65238	1.490	ng/ul	99
9) Fluorene	15.35	166	76098	1.486	ng/ul	99
12) Phenanthrene	17.09	178	973081	12.712	ng/ul	100
13) Anthracene	17.18	178	243818	3.335	ng/ul	99
15) Fluoranthene	19.12	202	1153779	13.650	ng/ul	95
17) Pyrene	19.49	202	960908	9.401	ng/ul	99
18) Benzo(a)anthracene	21.25	228	560428	6.530	ng/ul	99
19) Chrysene	21.30	228	504271	6.259	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	589084m	4.446	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	236270m	1.831	ng/ul	
23) Benzo(a)pyrene	23.40	252	410281	3.325	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.72	276	239256	1.791	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.72	278	73832	0.691	ng/ul	96
26) Benzo(g,h,i)perylene	26.41	276	170940	1.528	ng/ul	95

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

Quantitation Report (QT Reviewed)

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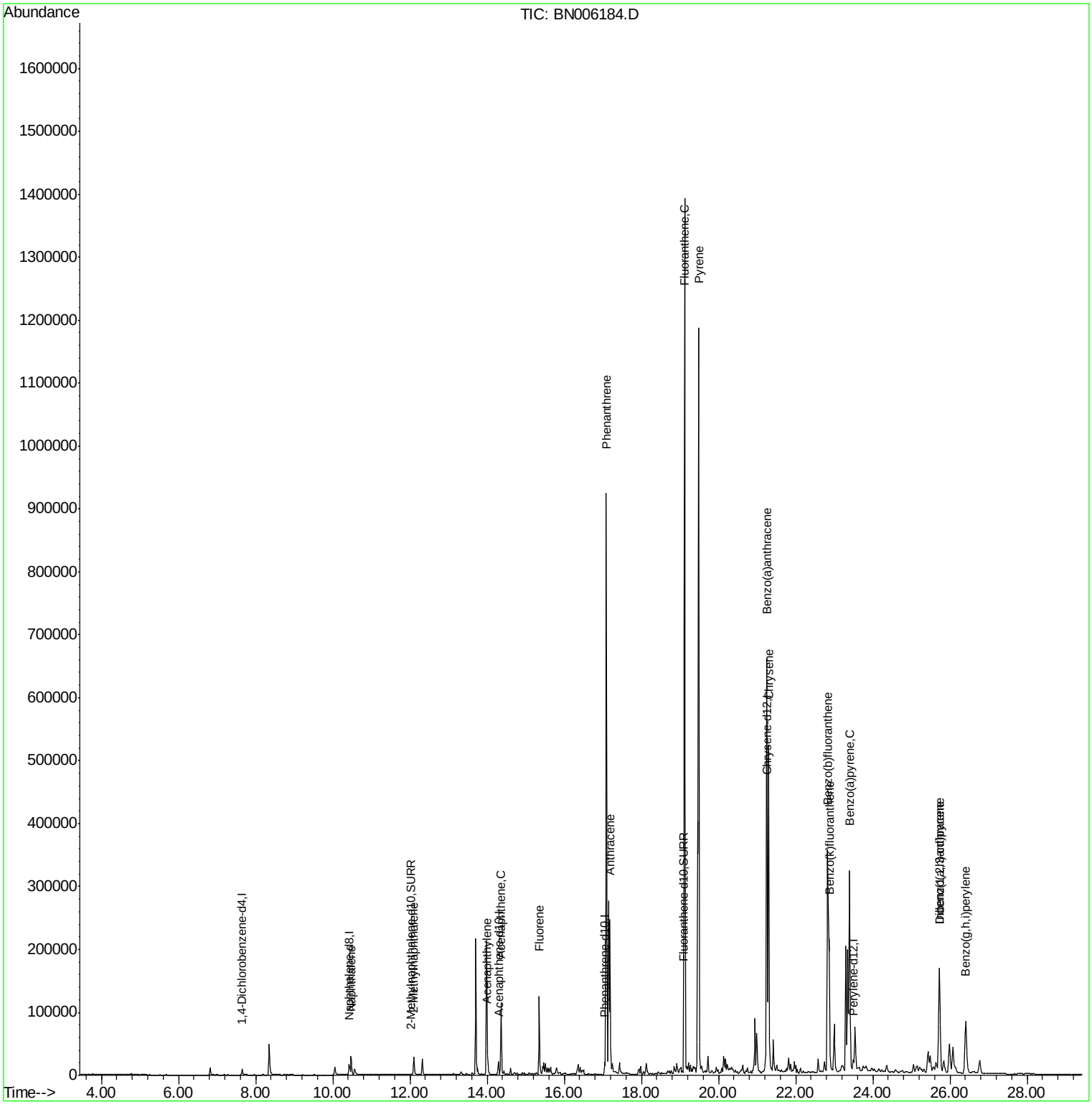
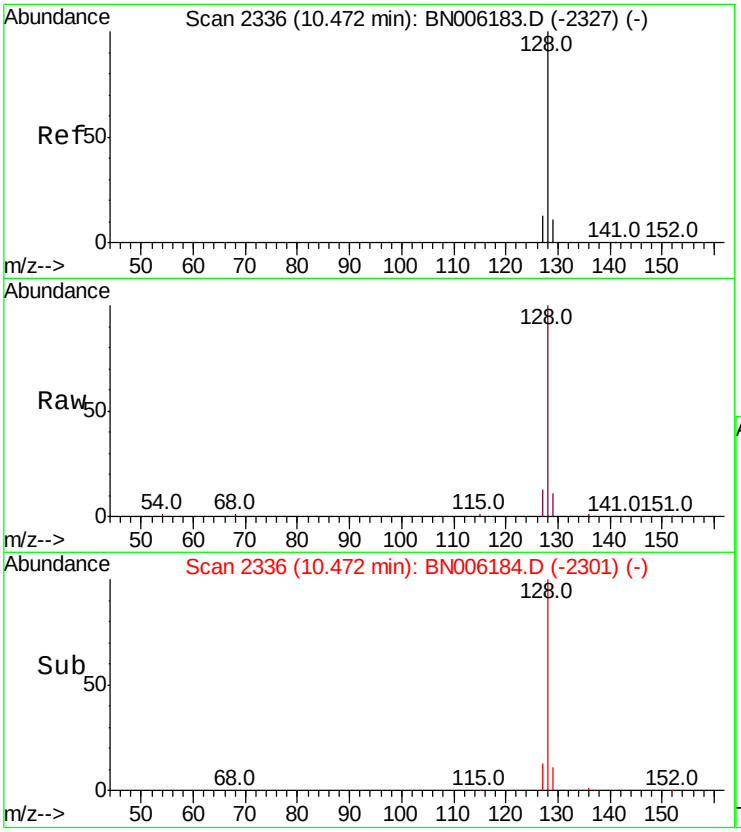
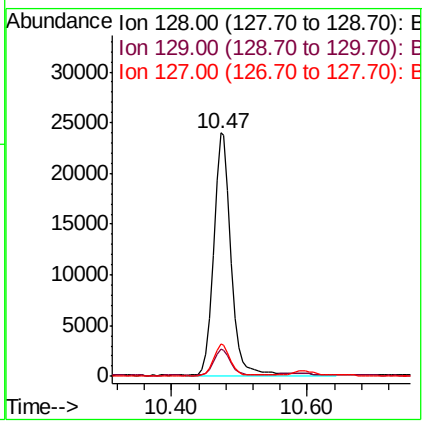




#3
Naphthalene
Concen: 0.689 ng/ul
RT: 10.47 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:128 Resp: 43594

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.2	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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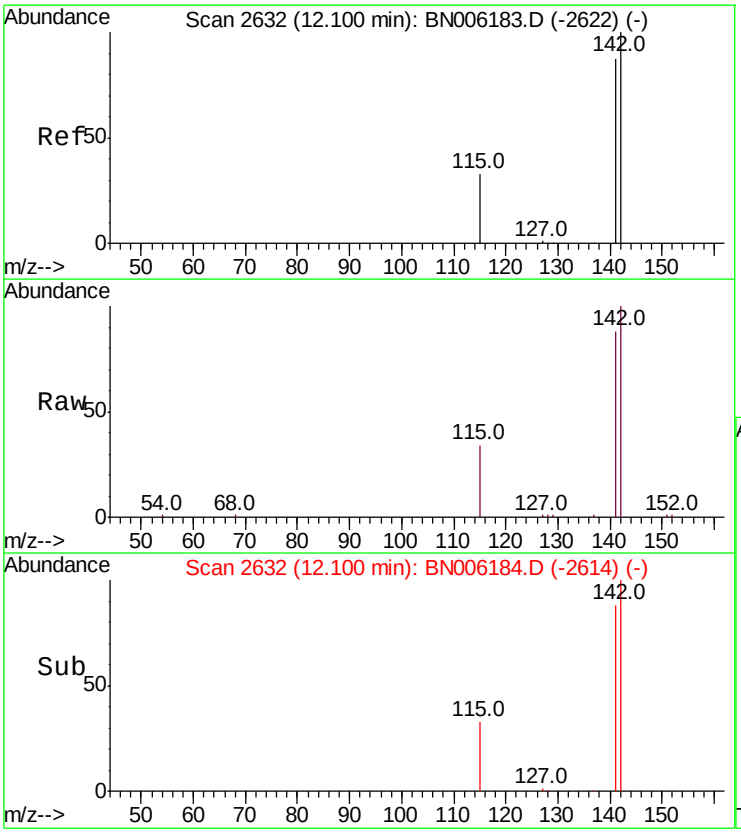
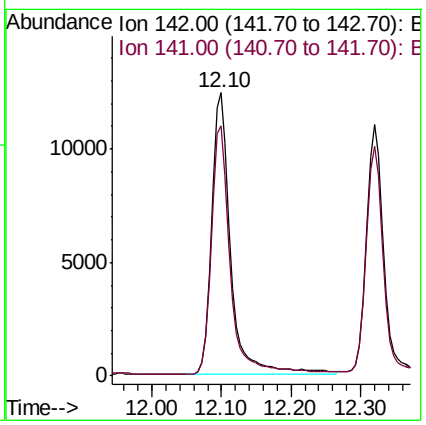
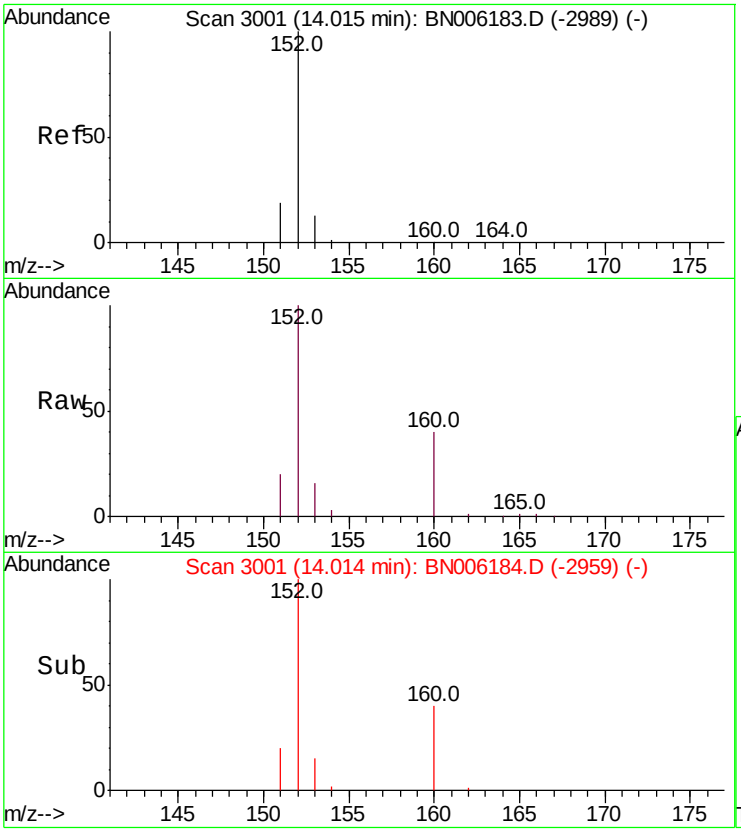


#5
2-Methylnaphthalene
Concen: 0.535 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:142 Resp: 23597

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5

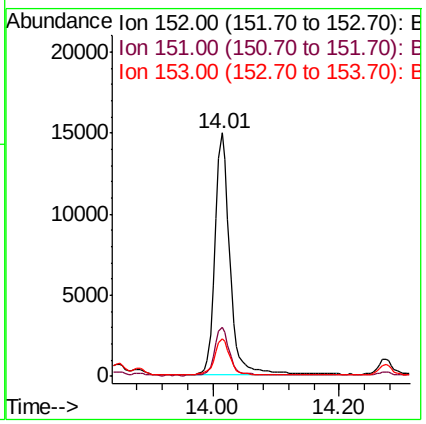




#7
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:152 Resp: 24672

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	15.5	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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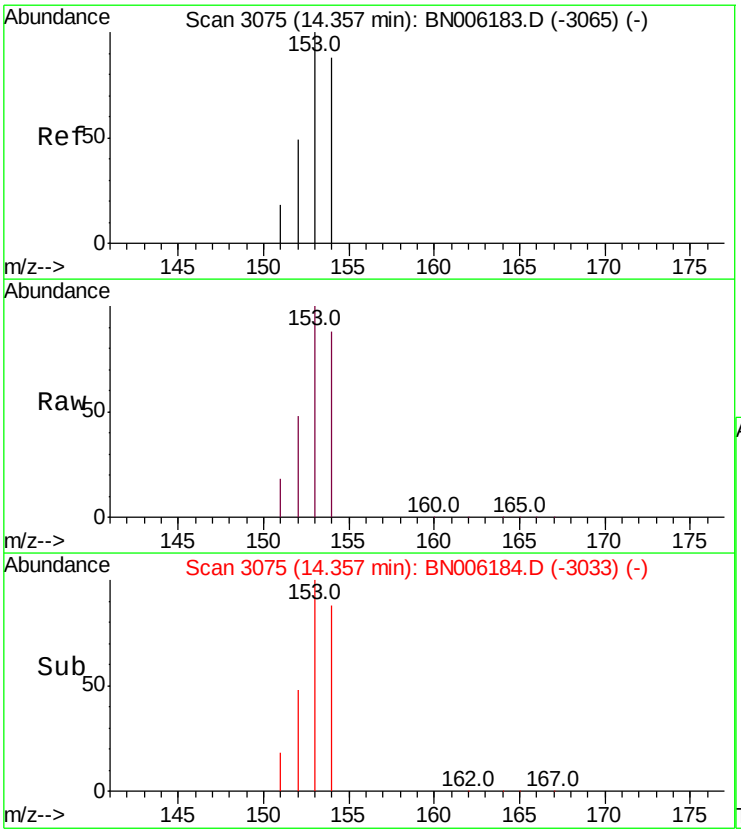
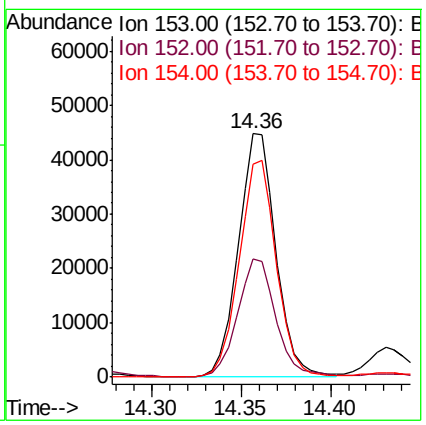
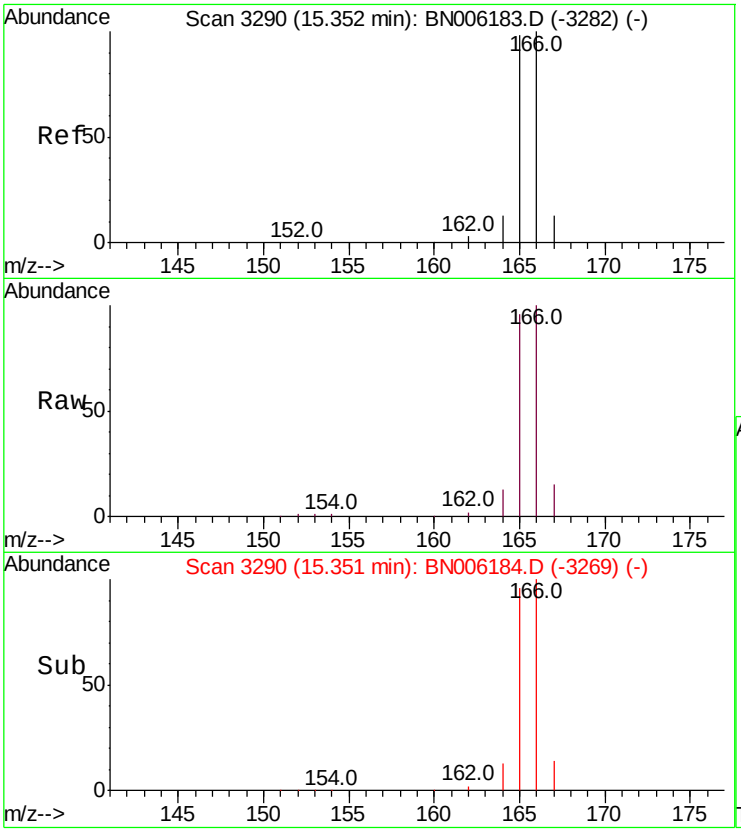


#8
Acenaphthene
Concen: 1.490 ng/ul
RT: 14.36 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:153 Resp: 65238

Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.1	58.7
154	87.6	71.1	106.7

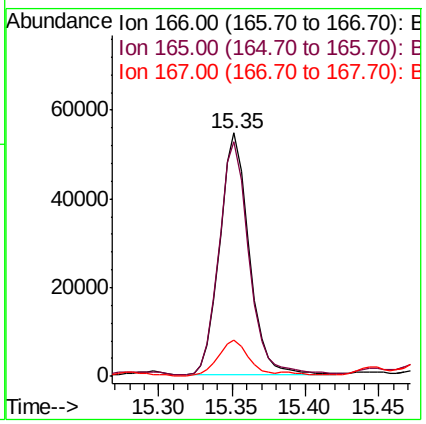




#9
Fluorene
Concen: 1.486 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:166 Resp: 76098

Ion	Ratio	Lower	Upper
166	100		
165	96.5	76.4	114.6
167	14.6	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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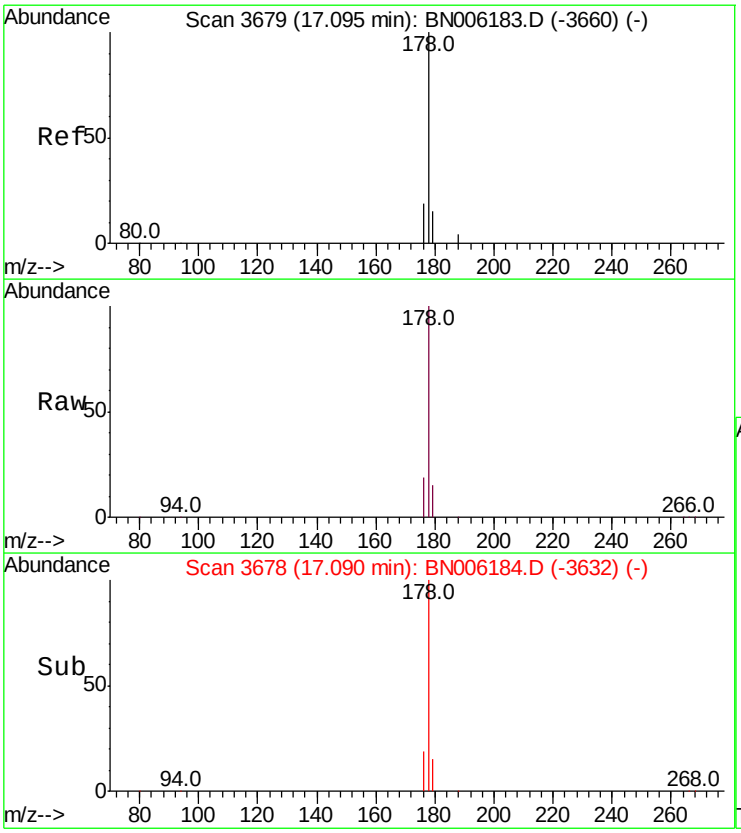
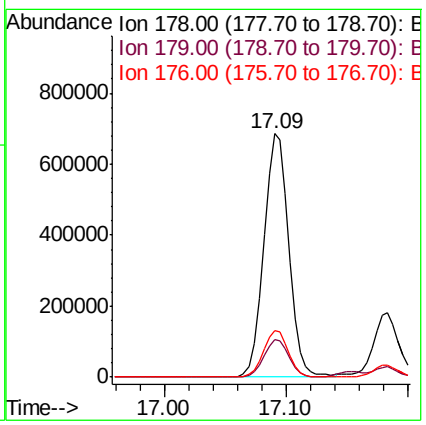
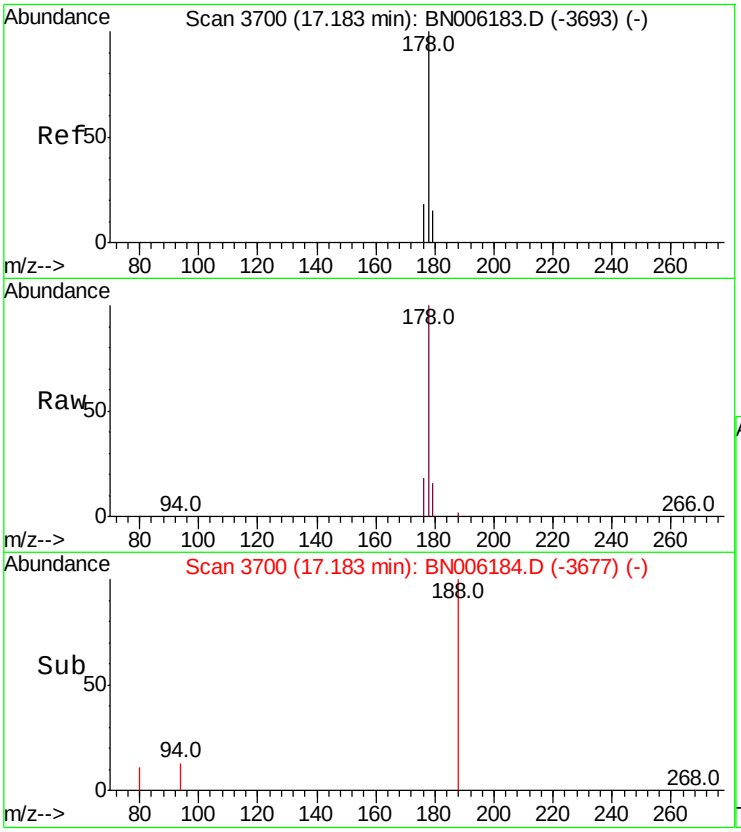


#12
Phenanthrene
Concen: 12.712 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:178 Resp: 973081

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.3	15.3	22.9





#13
Anthracene
Concen: 3.335 ng/ul
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:178 Resp: 243818

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	18.3	15.1	22.7

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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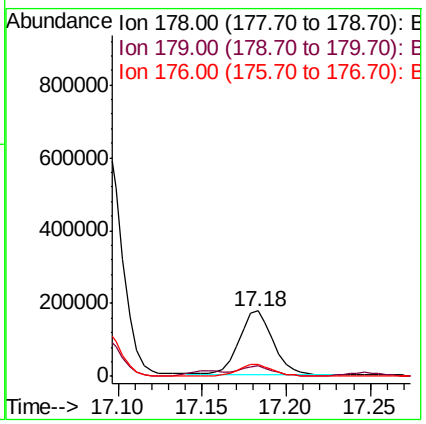
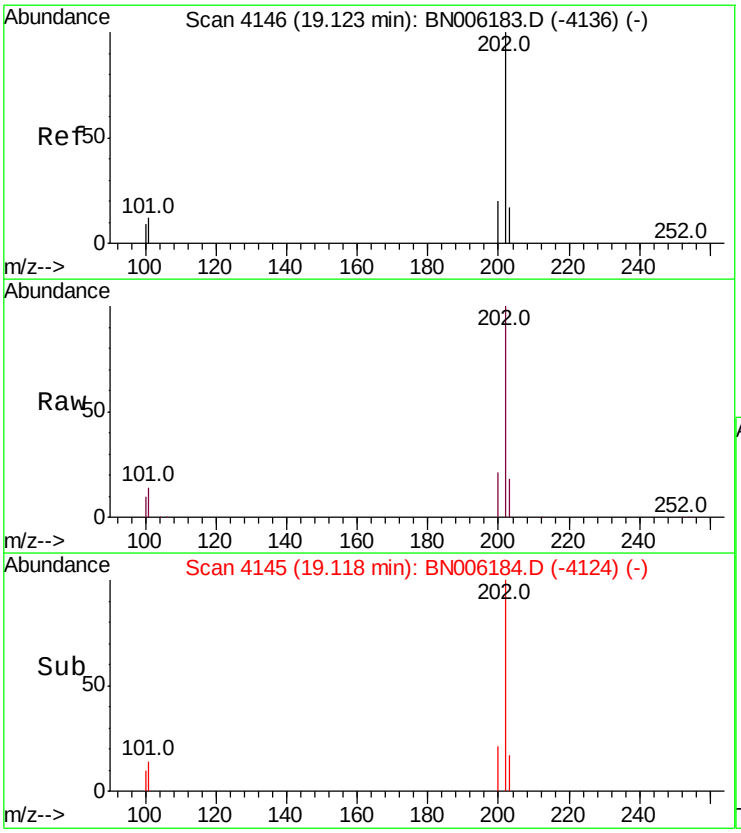
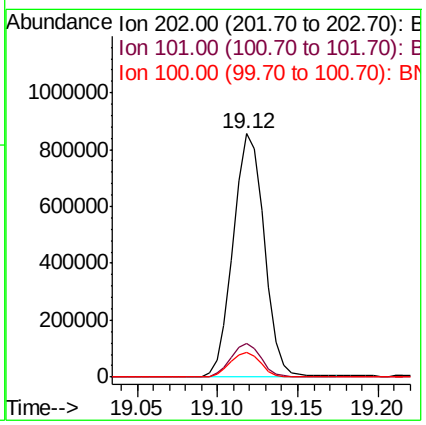


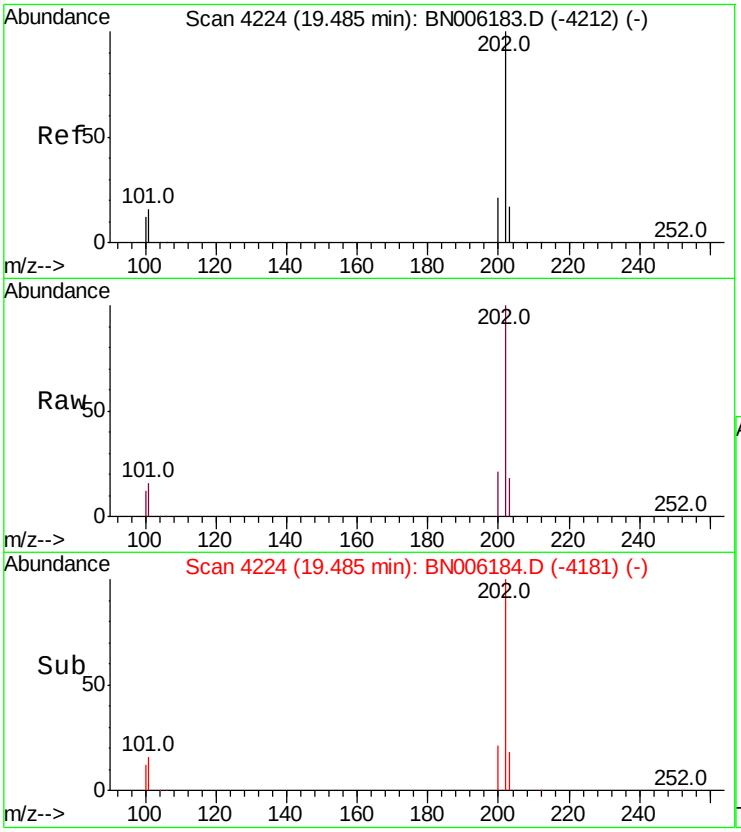


#15
Fluoranthene
Concen: 13.650 ng/ul
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:202 Resp: 1153779

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	32.1
100	10.3	0.0	28.7

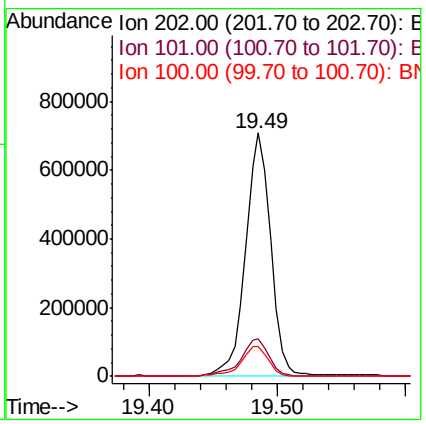




#17
Pyrene
Concen: 9.401 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:202 Resp: 960908

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.2	18.2
100	12.3	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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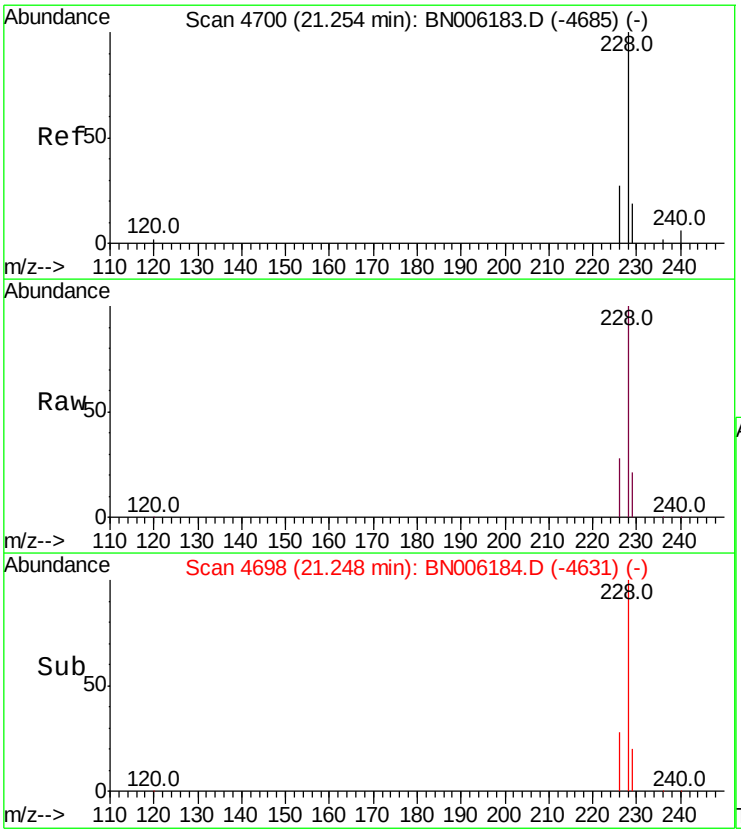
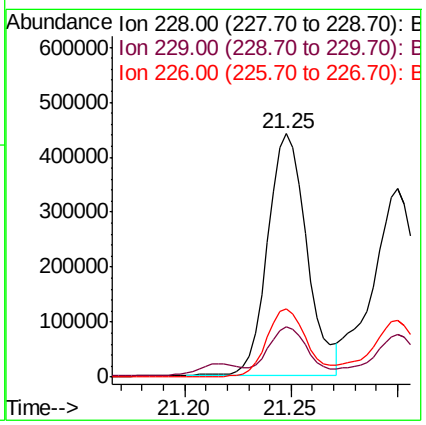
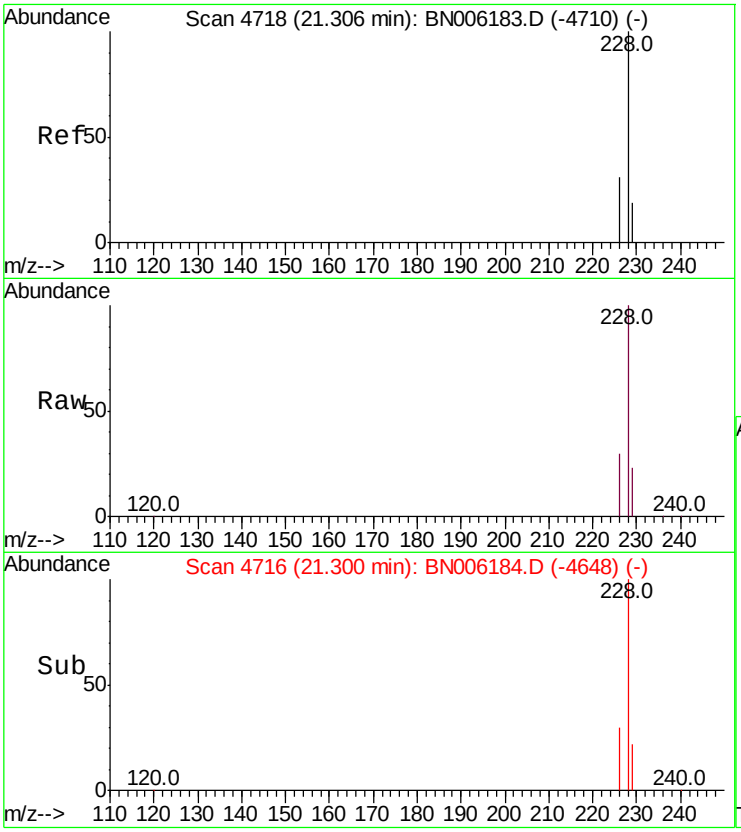


#18
Benzo(a)anthracene
Concen: 6.530 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:228 Resp: 560428

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.5	24.7
226	28.0	22.8	34.2





#19
Chrysene
Concen: 6.259 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:228 Resp: 504271

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.7	16.3	24.5

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED

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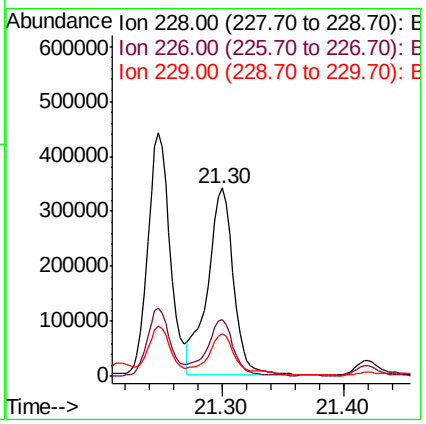
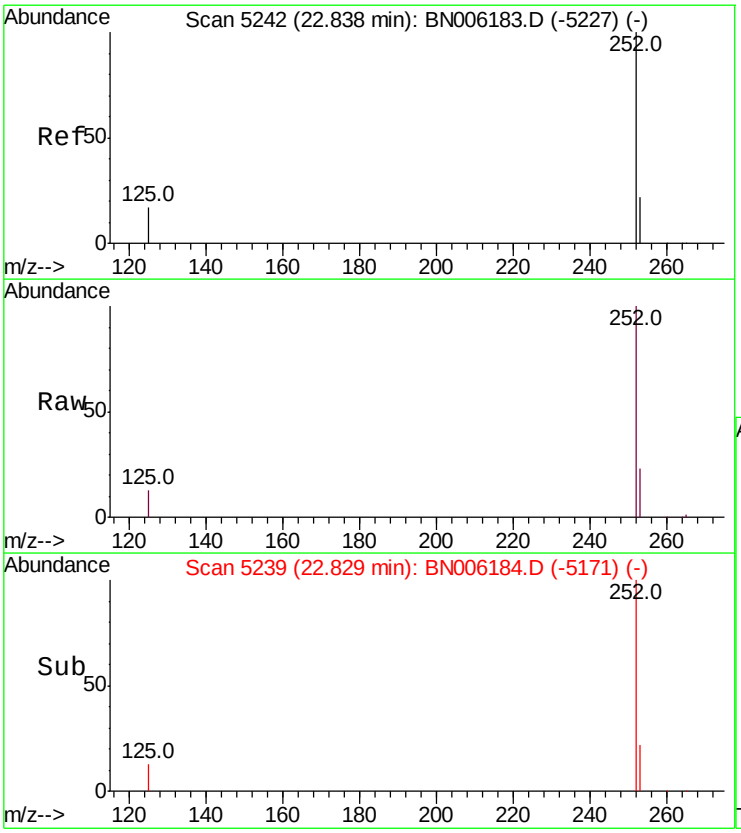
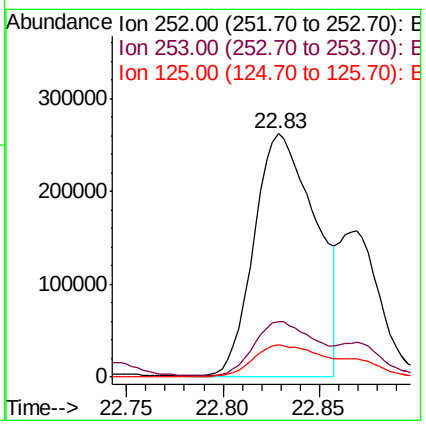


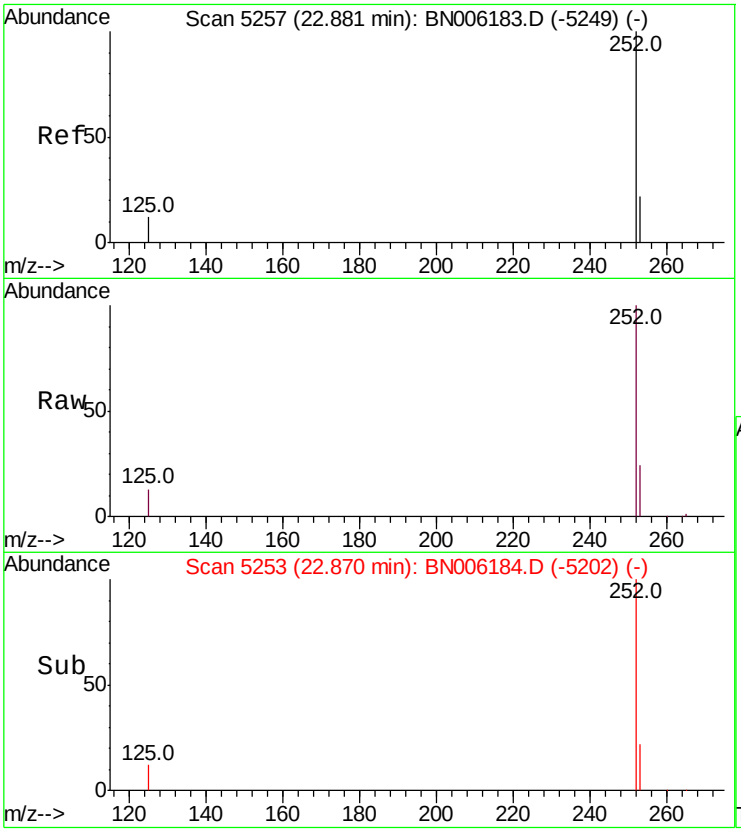


#21
Benzo(b)fluoranthene
Concen: 4.446 ng/ul m
RT: 22.83 min Scan# 5239
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:252 Resp: 589084

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	51.4
125	13.1	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 1.831 ng/ul m
RT: 22.87 min Scan# 5253
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:252 Resp: 236270

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.3	30.5
125	12.7	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
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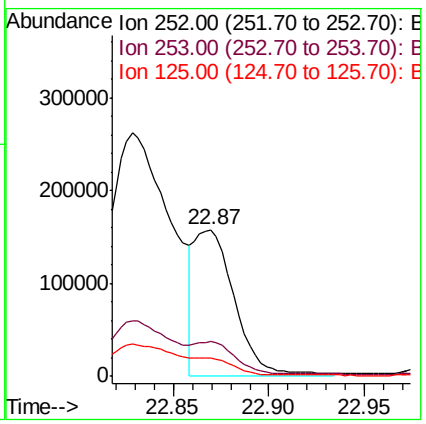
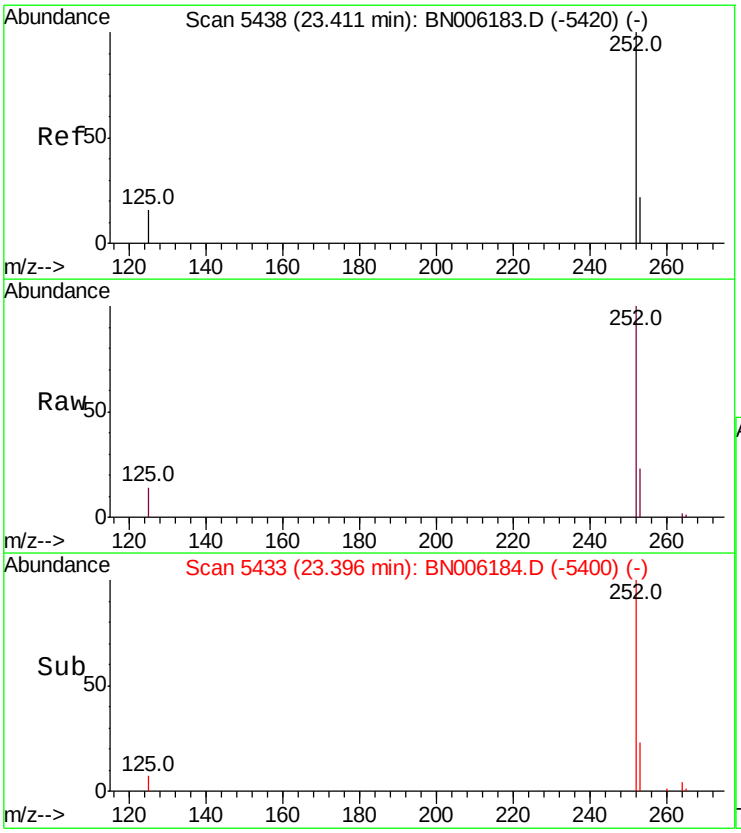
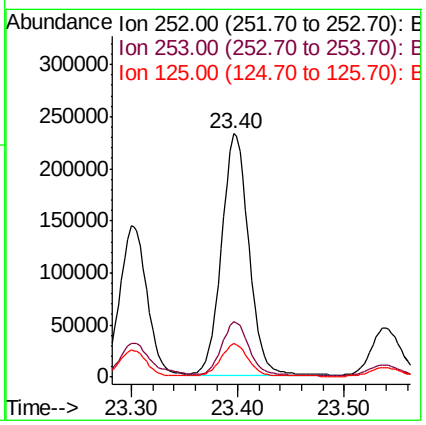


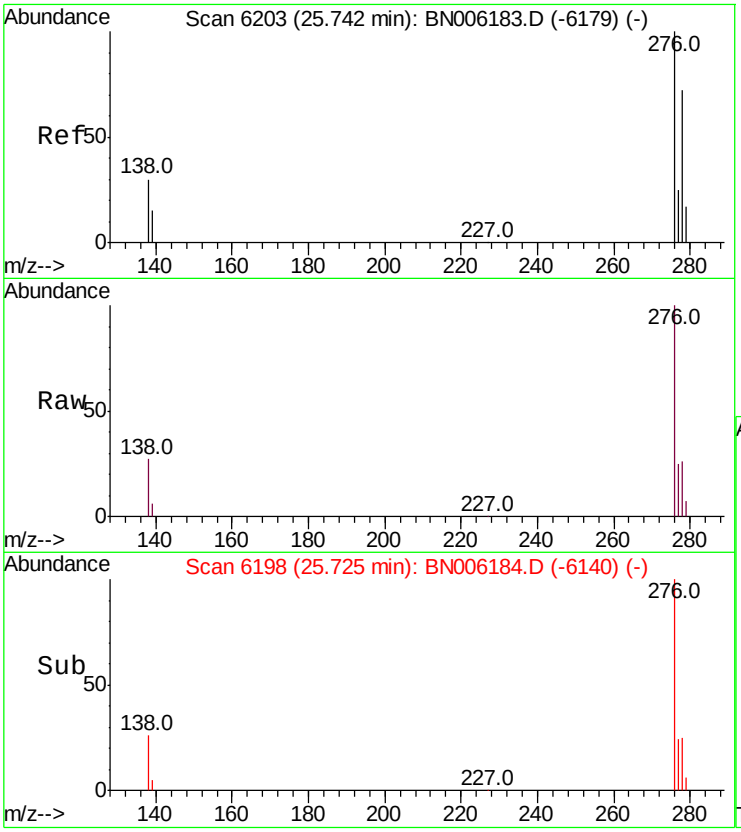


#23
Benzo(a)pyrene
Concen: 3.325 ng/ul
RT: 23.40 min Scan# 5433
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:252 Resp: 410281

Ion	Ratio	Lower	Upper
252	100		
253	22.6	21.1	31.7
125	13.7	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.791 ng/ul
RT: 25.72 min Scan# 6198
Delta R.T. -0.01 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:276 Resp: 239256

Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.6	38.4
227	0.3	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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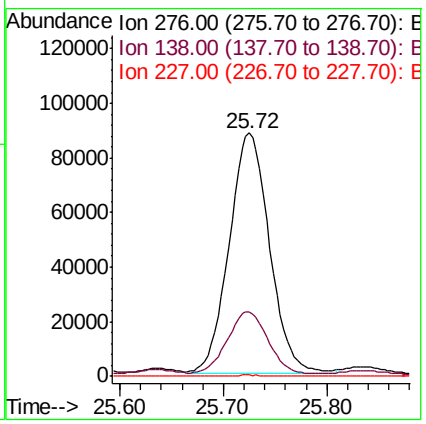
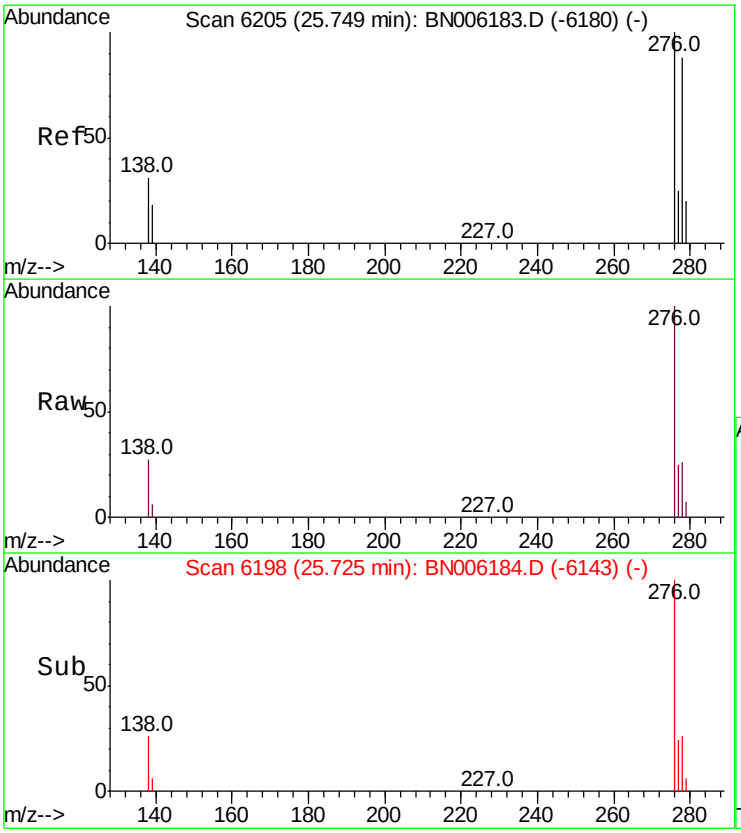
6/11/2019 4:30:11 PM

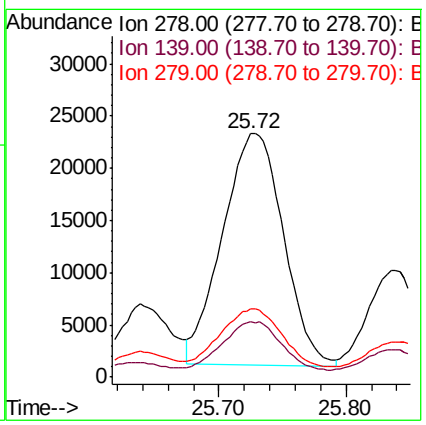


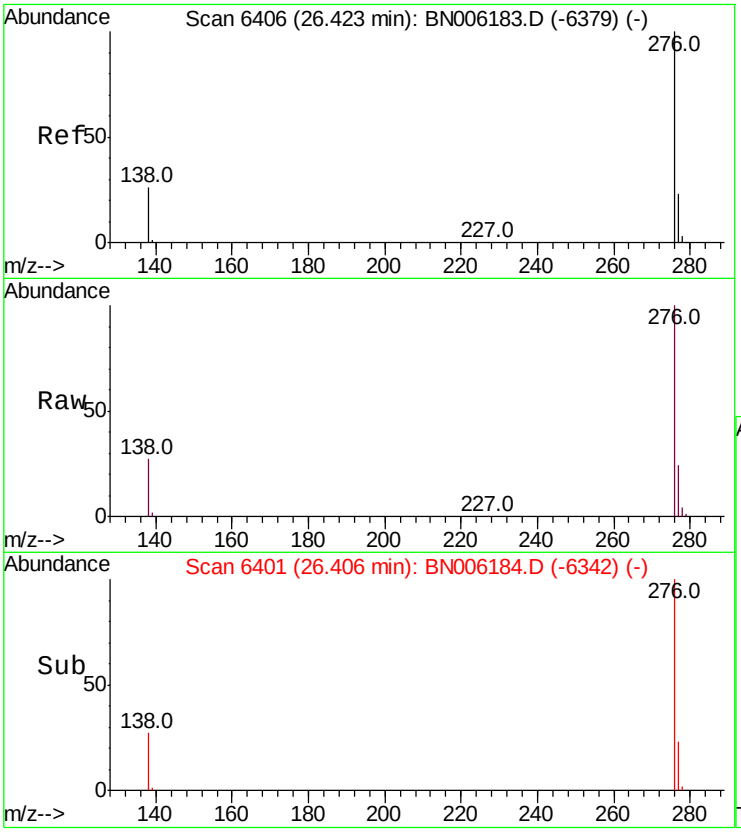


#25
Dibenzo(a,h)anthracene
Concen: 0.691 ng/ul
RT: 25.72 min Scan# 6198
Delta R.T. -0.02 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:278 Resp: 73832

Ion	Ratio	Lower	Upper
278	100		
139	22.8	21.2	31.8
279	28.0	22.6	33.8

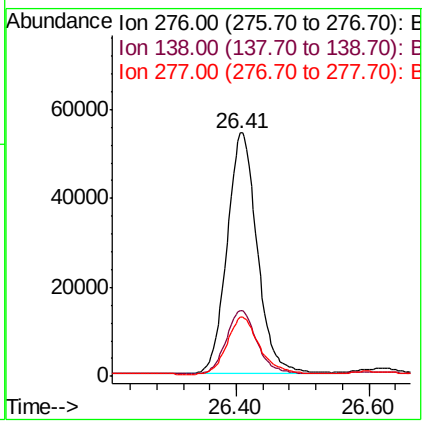




#26
Benzo(g,h,i)perylene
Concen: 1.528 ng/ul
RT: 26.41 min Scan# 6401
Delta R.T. -0.00 min
Lab File: BN006184.D
Acq: 08 Jun 2019 10:41

Tgt Ion:276 Resp: 170940

Ion	Ratio	Lower	Upper
276	100		
138	27.2	24.2	36.4
277	24.2	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED

mohammad
6/11/2019 4:30:11 PM