Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006188.D
Acq On : 08 Jun 2019 13:20
Operator : JU/SJ
Sample : K3016-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51D1

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:26 PM

Quant Time: Jun 08 14:20:21 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	3948	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15055	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	7781	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16390m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	13848m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	20853	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4276	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9854m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	2889	0.070	ng/ul#	90
5) 2-Methylnaphthalene	12.10	142	1599	0.055	ng/ul	99
7) Acenaphthylene	14.01	152	18391	0.425	ng/ul	99
8) Acenaphthene	14.36	153	1630	0.054	ng/ul	96
9) Fluorene	15.35	166	4051	0.115	ng/ul#	97
12) Phenanthrene	17.09	178	89905m	1.709	ng/ul	
13) Anthracene	17.18	178	21604m	0.430	ng/ul	
15) Fluoranthene	19.12	202	172789m	2.974	ng/ul	
17) Pyrene	19.49	202	153067	2.098	ng/ul	99
18) Benzo(a)anthracene	21.25	228	63506	1.037	ng/ul	97
19) Chrysene	21.30	228	81285	1.414	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	99823m	1.148	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	41329m	0.488	ng/ul	
23) Benzo(a)pyrene	23.40	252	61627	0.761	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.73	276	45961	0.524	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.74	278	11556	0.165	ng/ul	96
26) Benzo(g,h,i)perylene	26.42	276	35784	0.487	ng/ul	96

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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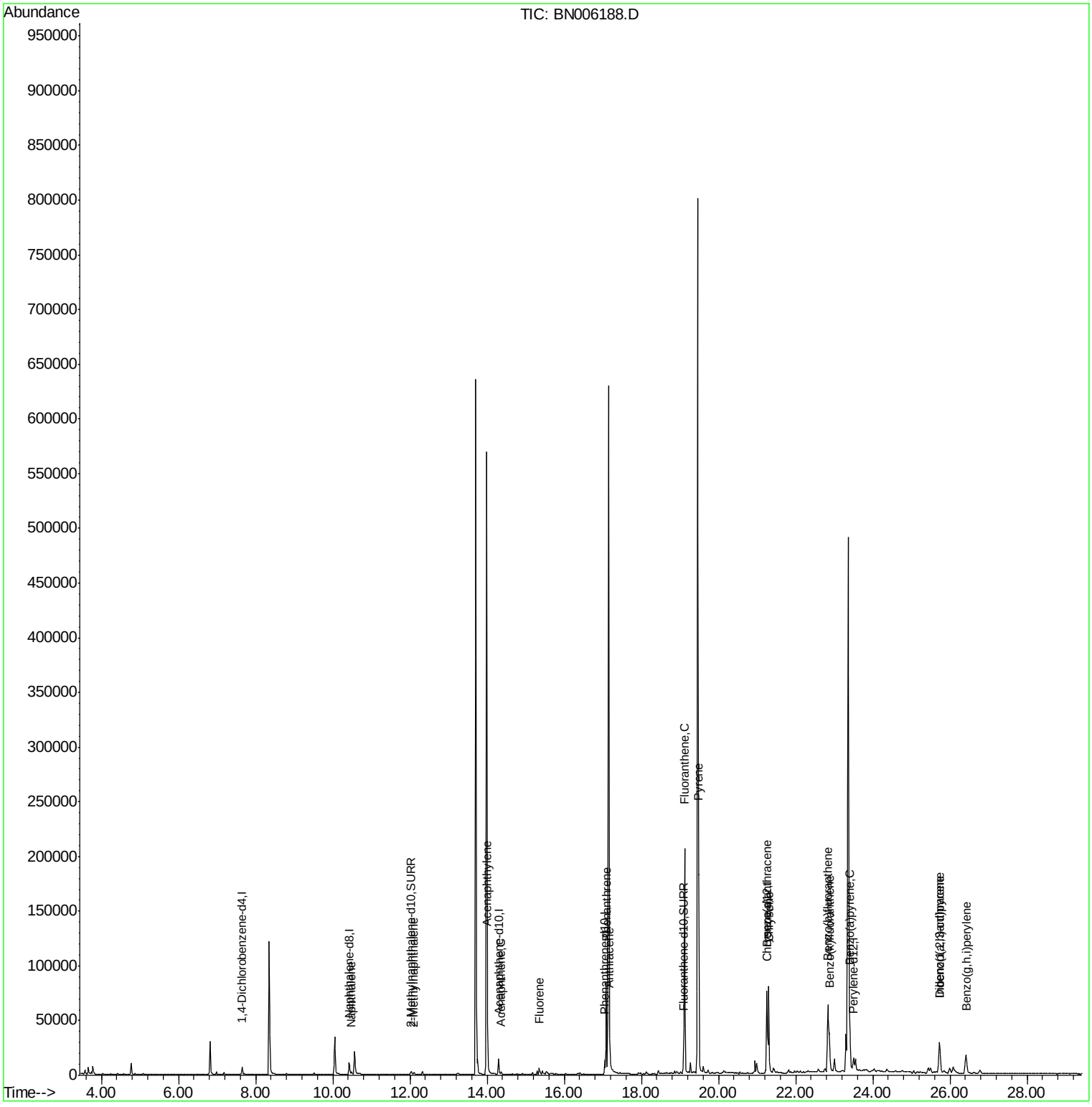

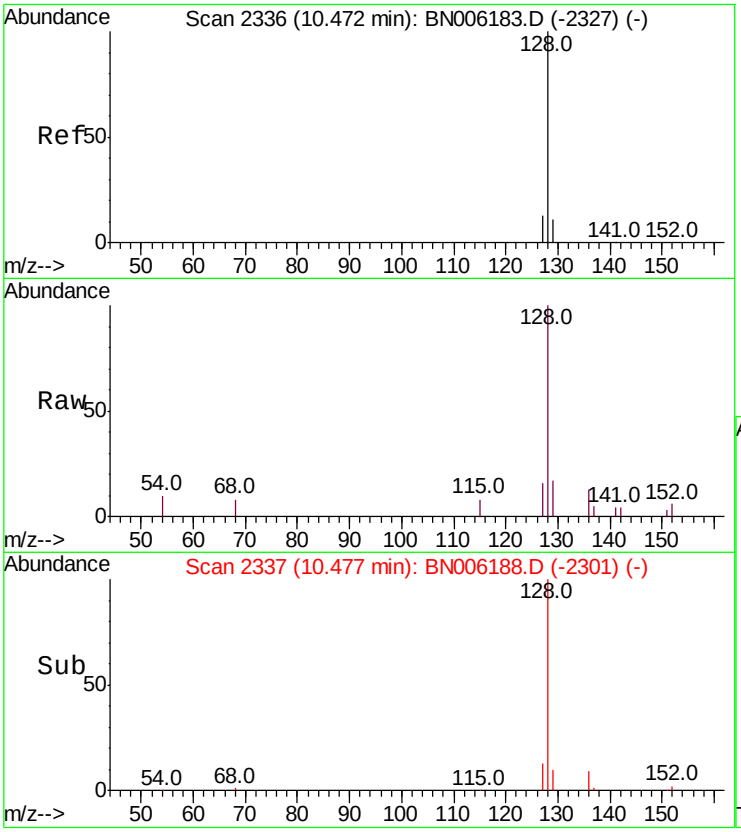

#3
Naphthalene
Concen: 0.070 ng/ul
RT: 10.48 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:128 Resp: 2889

Ion	Ratio	Lower	Upper
128	100		
129	16.9	9.3	13.9#
127	16.0	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
A51D1

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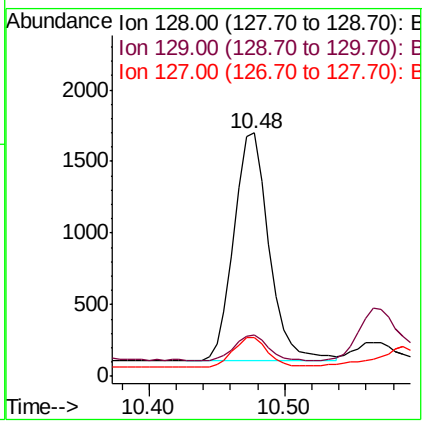
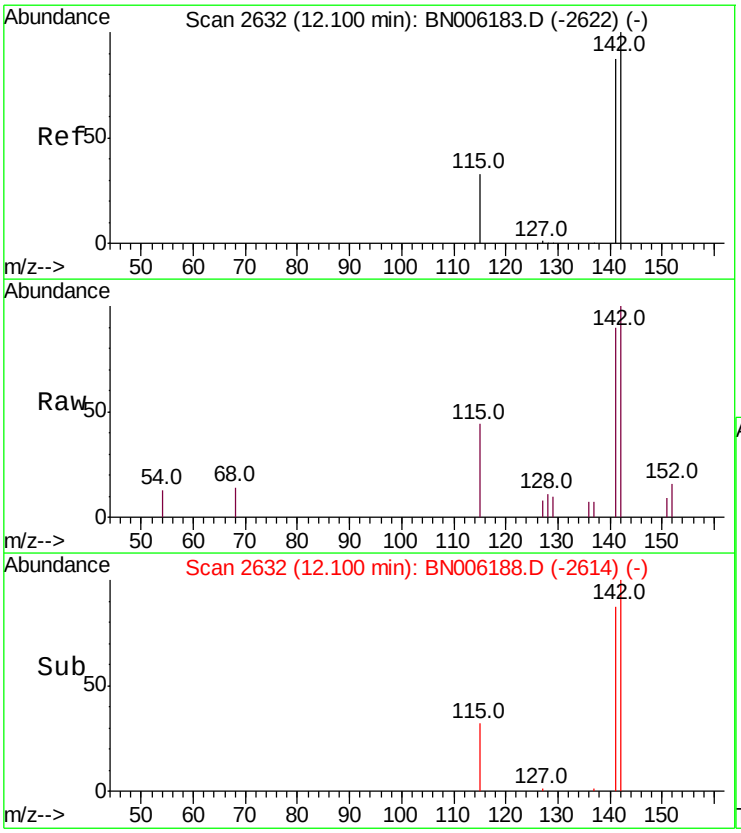
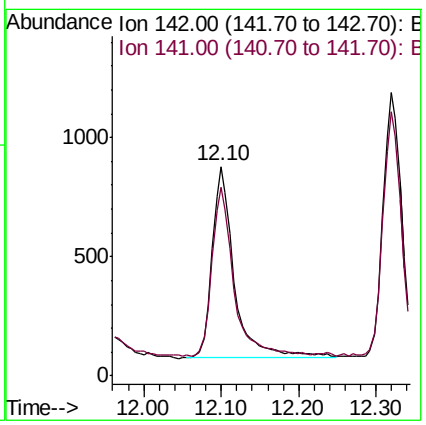


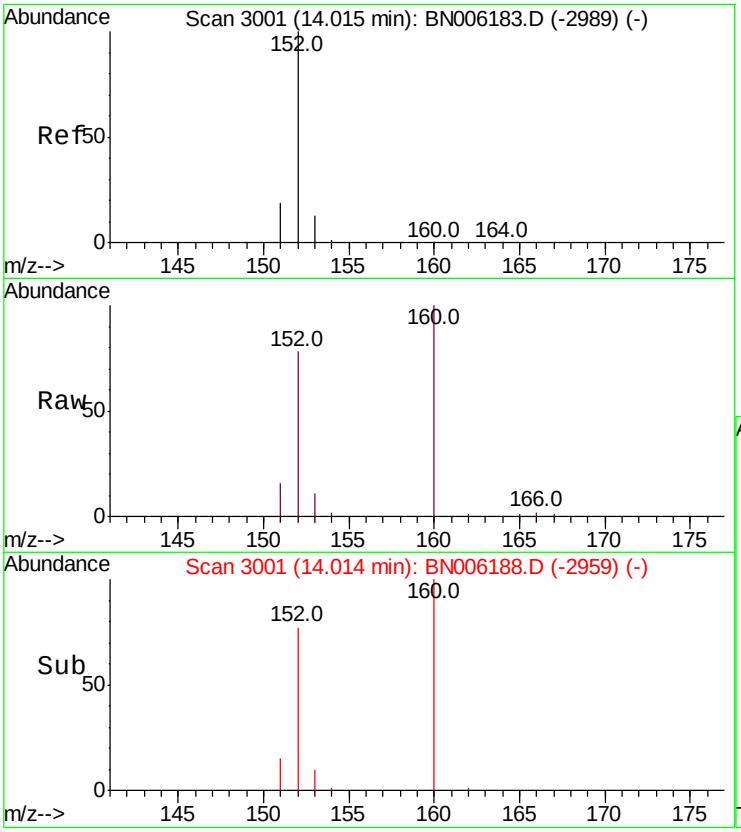


#5
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:142 Resp: 1599

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.3	105.5

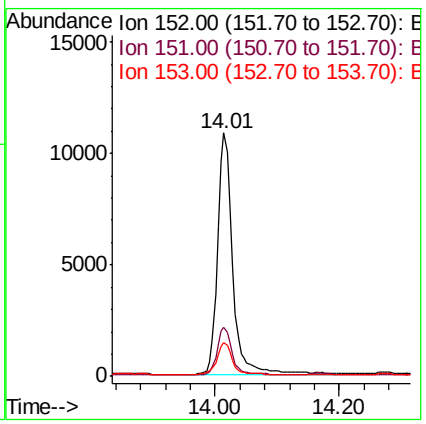




#7
Acenaphthylene
Concen: 0.425 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:152 Resp: 18391

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.7	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
A51D1

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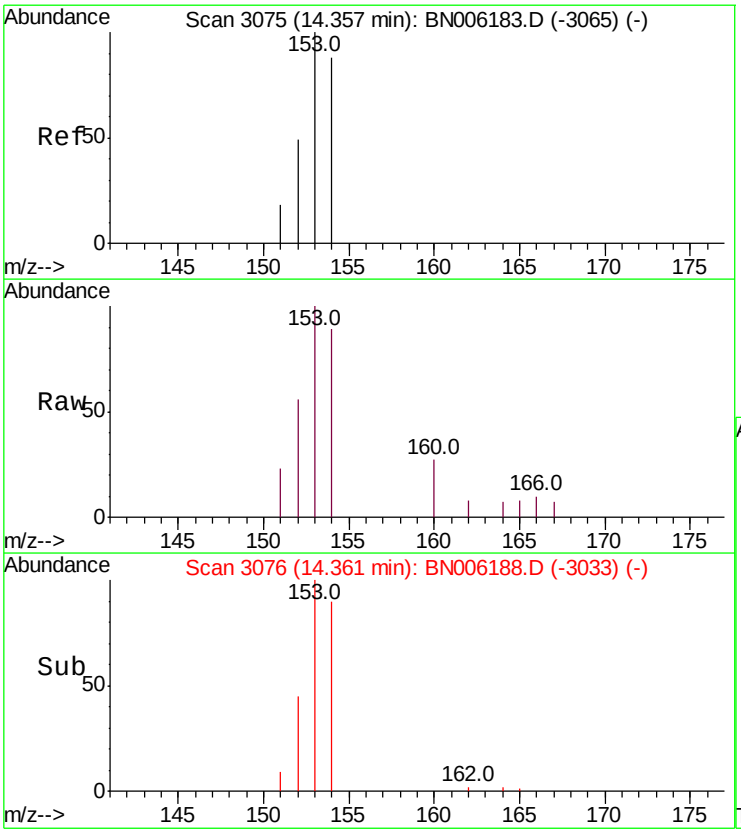
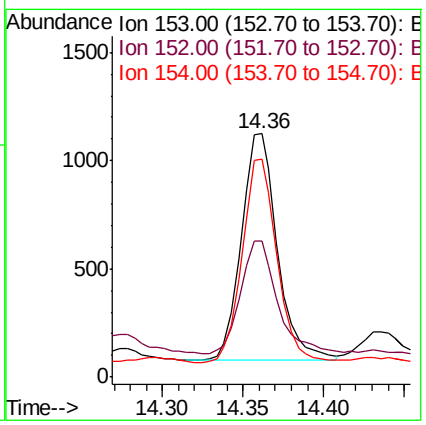
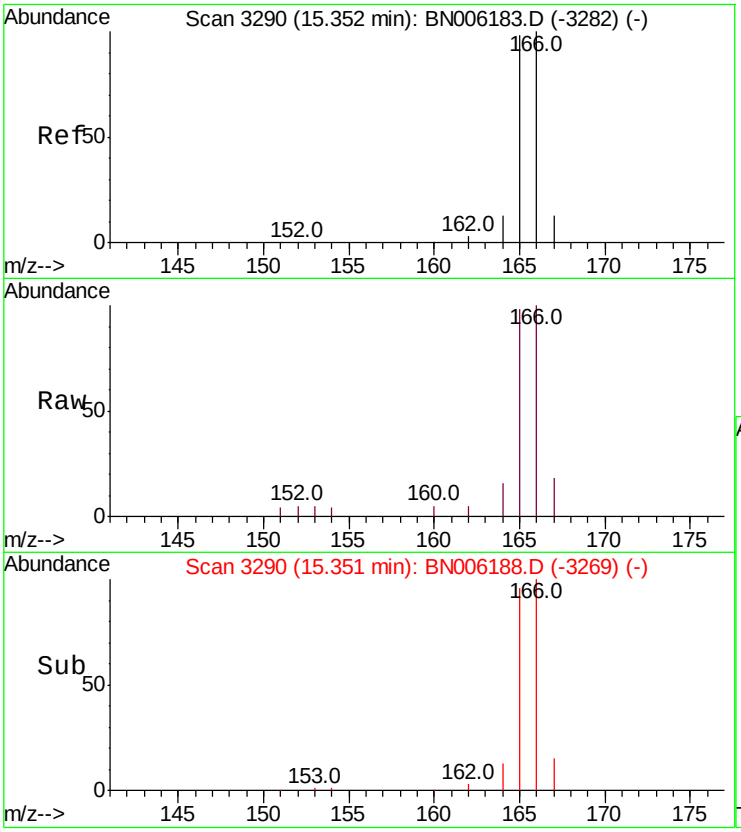


#8
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:153 Resp: 1630

Ion	Ratio	Lower	Upper
153	100		
152	56.0	39.1	58.7
154	89.4	71.1	106.7

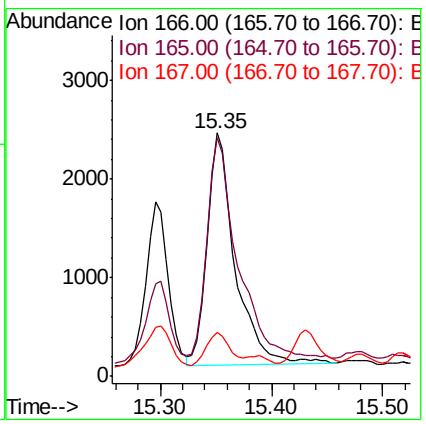




#9
Fluorene
Concen: 0.115 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:166 Resp: 4051

Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.4	114.6
167	17.9	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
A51D1

Manual Integrations APPROVED
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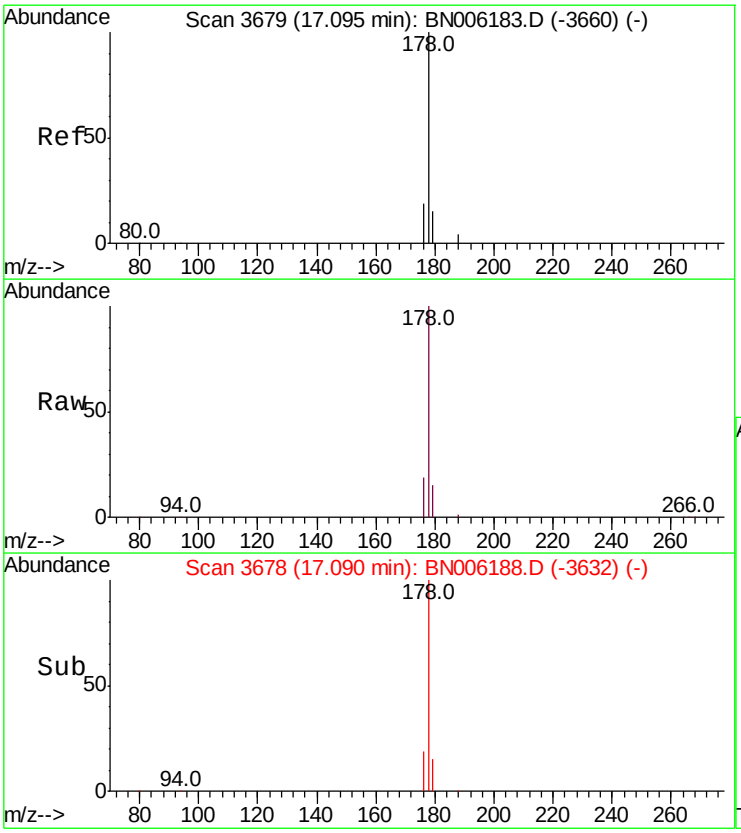
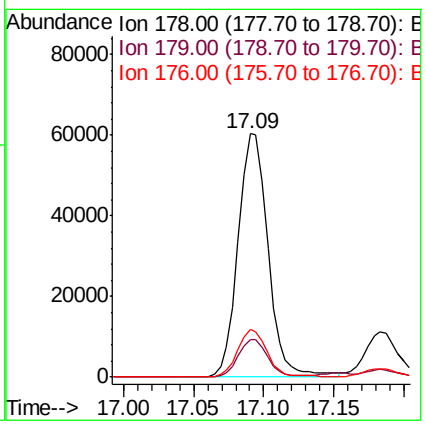
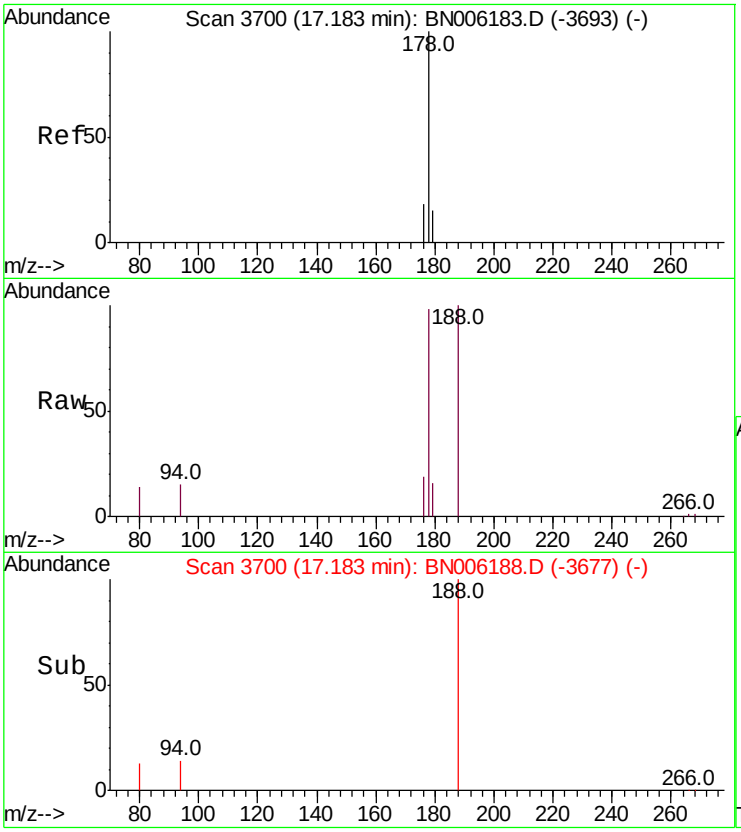


#12
Phenanthrene
Concen: 1.709 ng/ul m
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:178 Resp: 89905

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.5	15.3	22.9

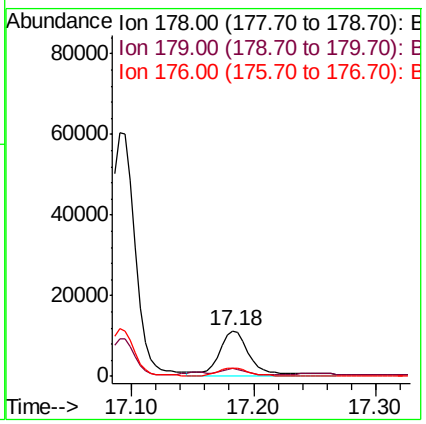




#13
Anthracene
Concen: 0.430 ng/ul m
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:178 Resp: 21604

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.4
176	19.0	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A51D1

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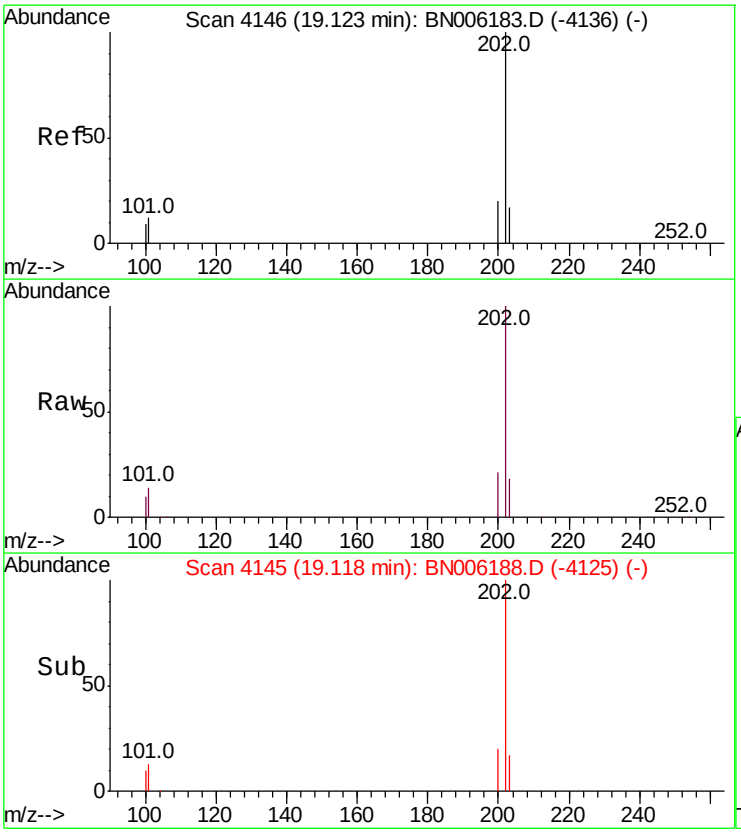
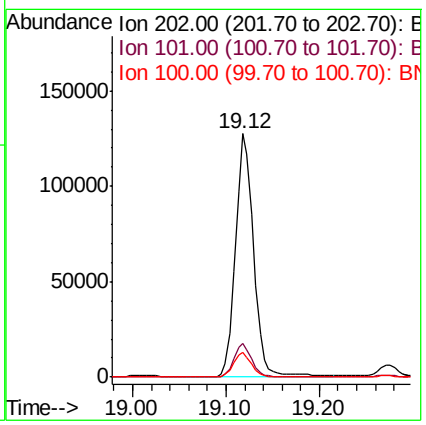
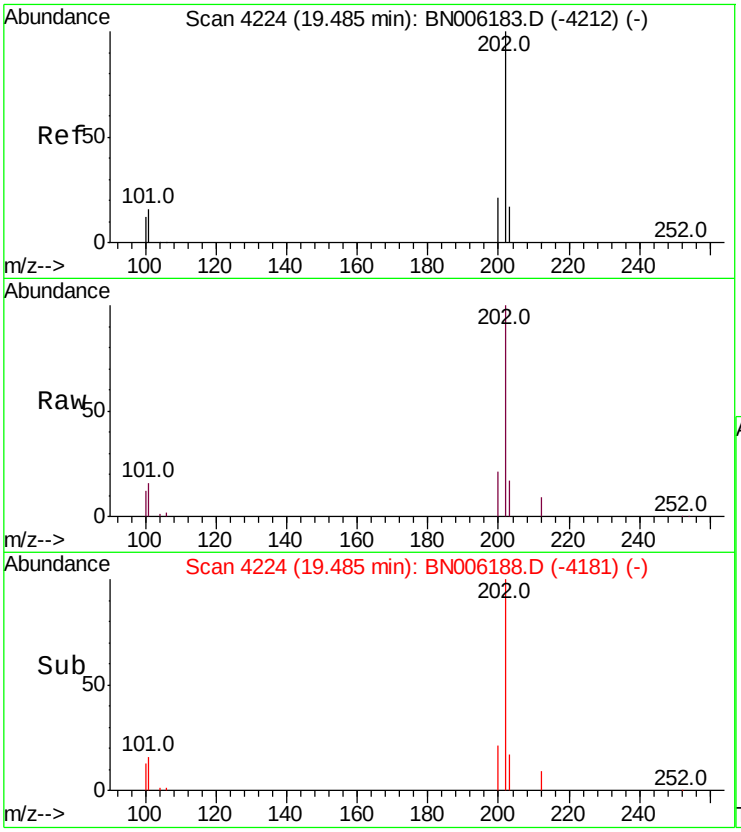


#15
Fluoranthene
Concen: 2.974 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:202 Resp: 172789

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.1
100	10.0	0.0	28.7

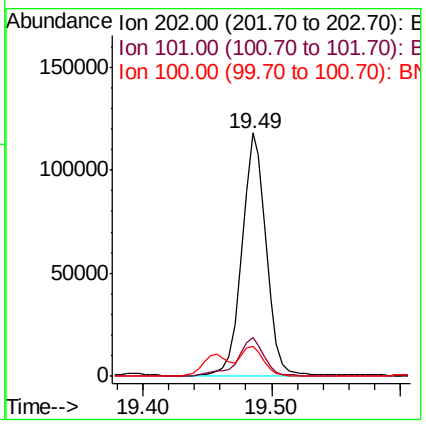




#17
Pyrene
Concen: 2.098 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:202 Resp: 153067

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.2	18.2
100	12.5	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A51D1

Manual Integrations APPROVED
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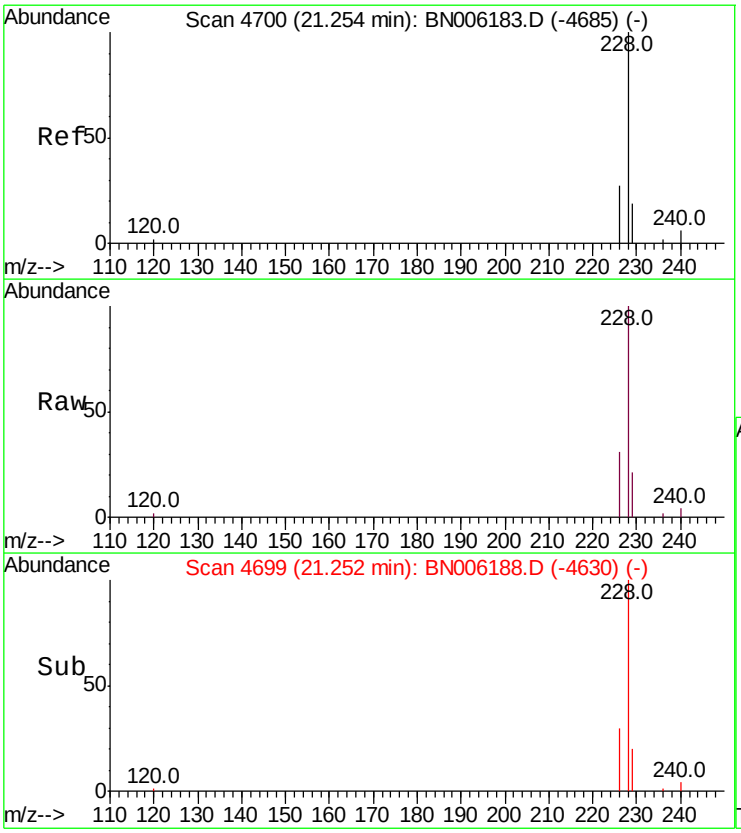
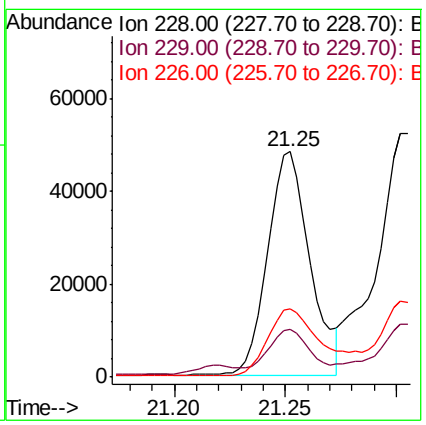
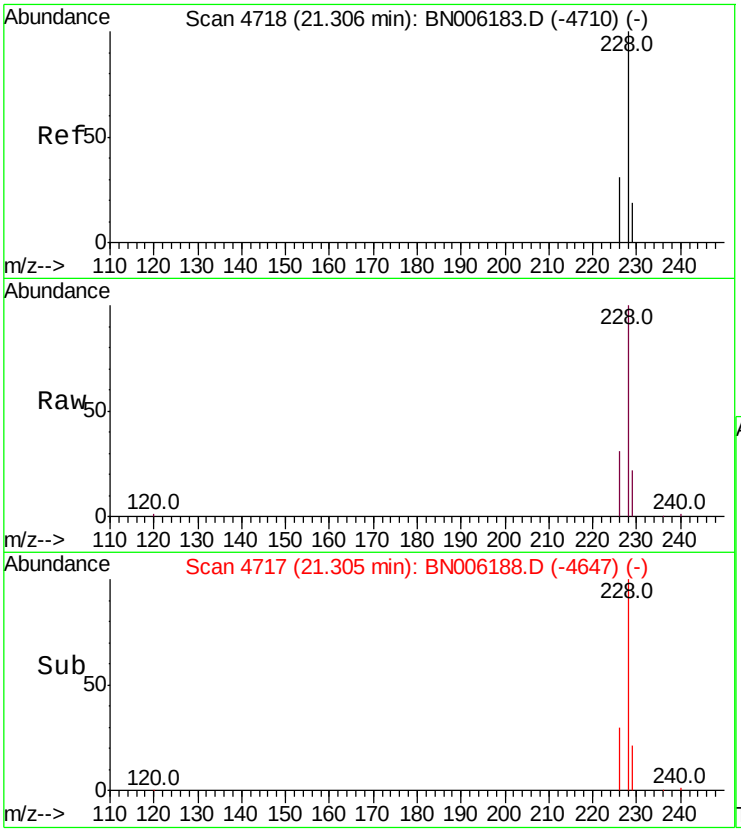


#18
Benzo(a)anthracene
Concen: 1.037 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:228 Resp: 63506

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.5	24.7
226	30.5	22.8	34.2

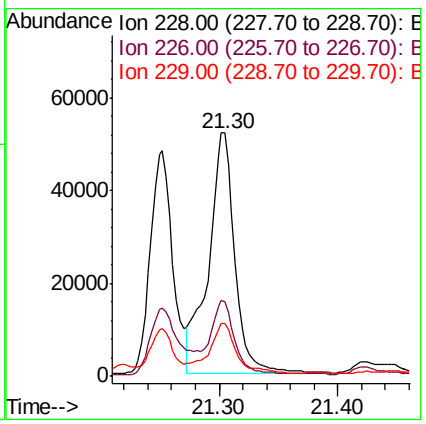




#19
Chrysene
Concen: 1.414 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. 0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:228 Resp: 81285

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.8	16.3	24.5



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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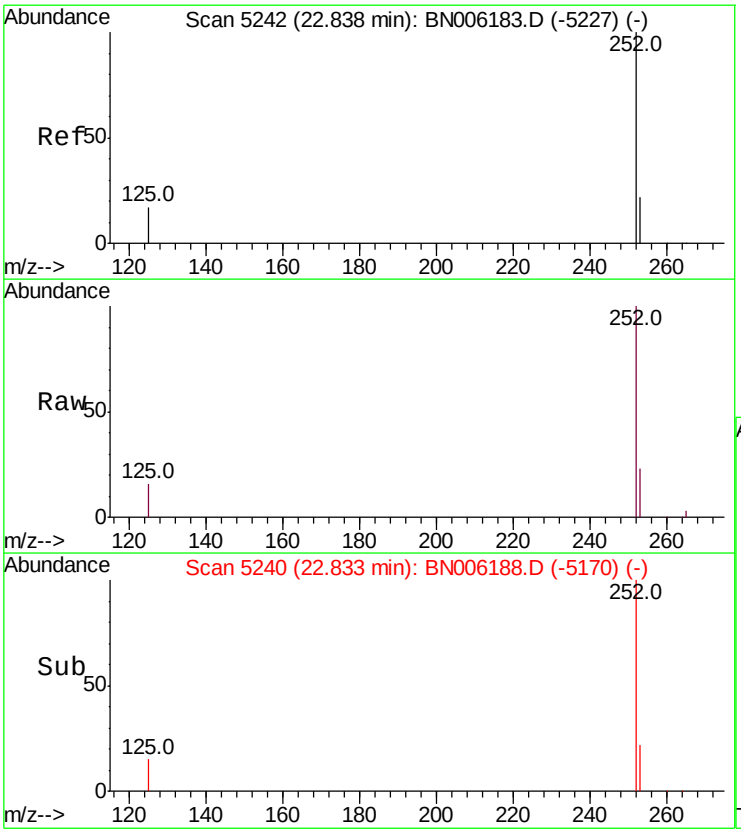
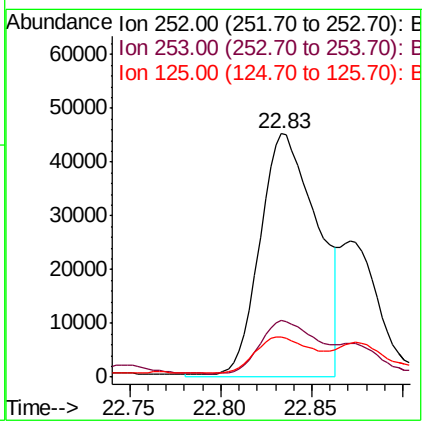
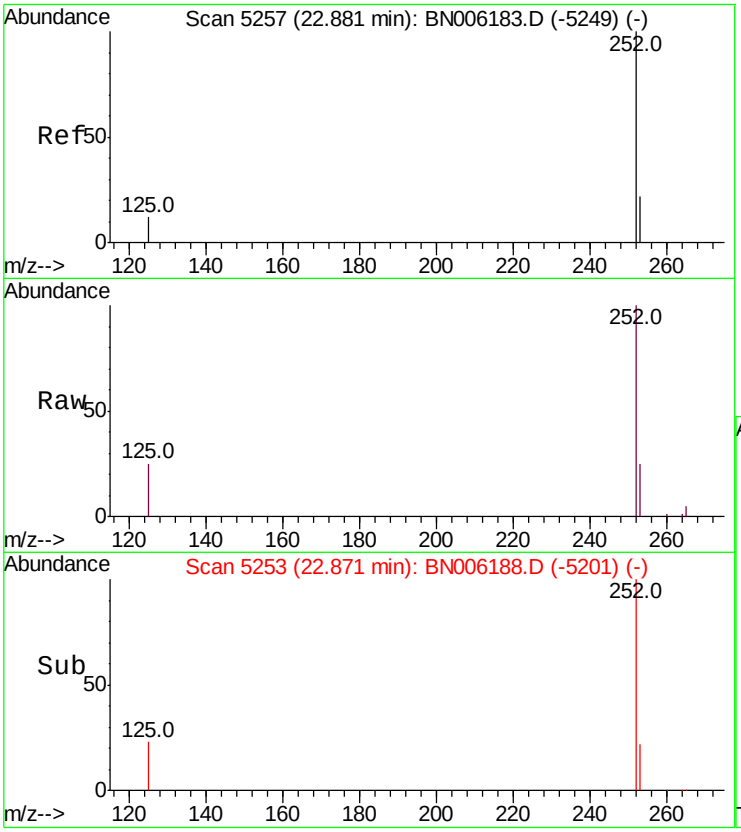


#21
Benzo(b)fluoranthene
Concen: 1.148 ng/ul m
RT: 22.83 min Scan# 5240
Delta R.T. 0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:252 Resp: 99823

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	51.4
125	16.2	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.488 ng/ul m
RT: 22.87 min Scan# 5253
Delta R.T. 0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:252 Resp: 41329

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.3	30.5
125	25.1	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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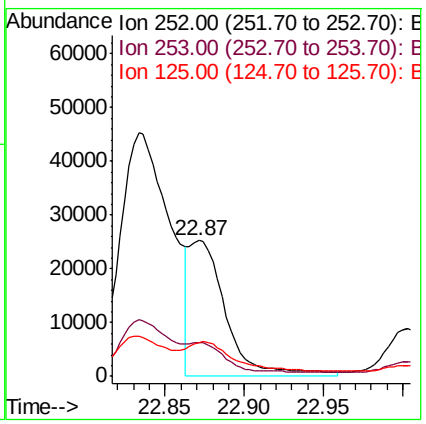
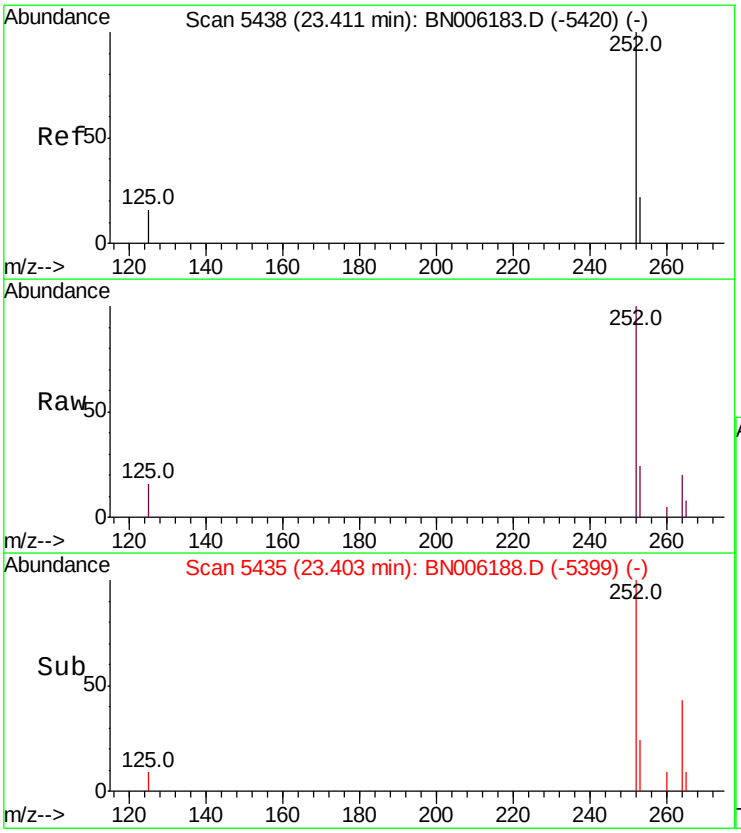
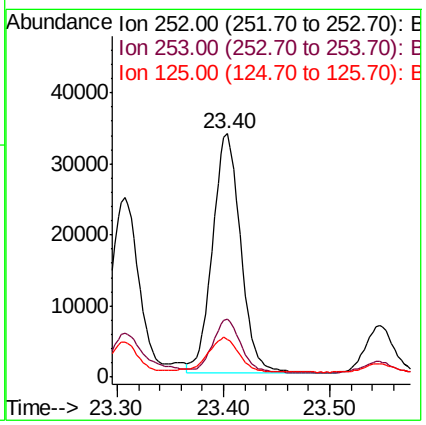


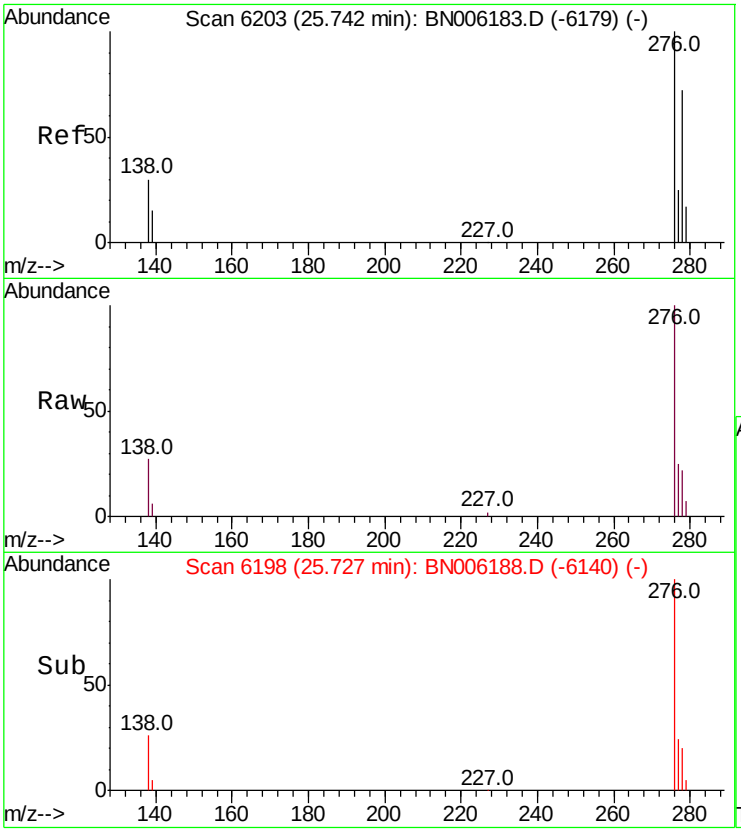


#23
Benzo(a)pyrene
Concen: 0.761 ng/ul
RT: 23.40 min Scan# 5435
Delta R.T. 0.00 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:252 Resp: 61627

Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.1	31.7
125	15.6	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.524 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. -0.01 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:276 Resp: 45961

Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.6	38.4#
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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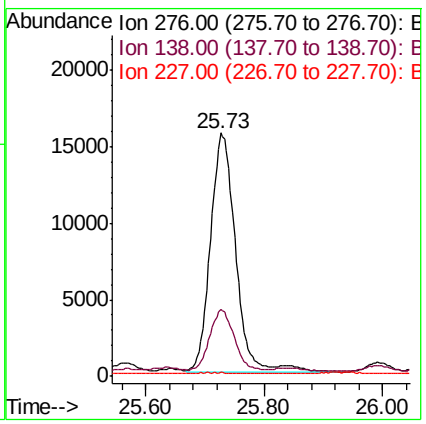
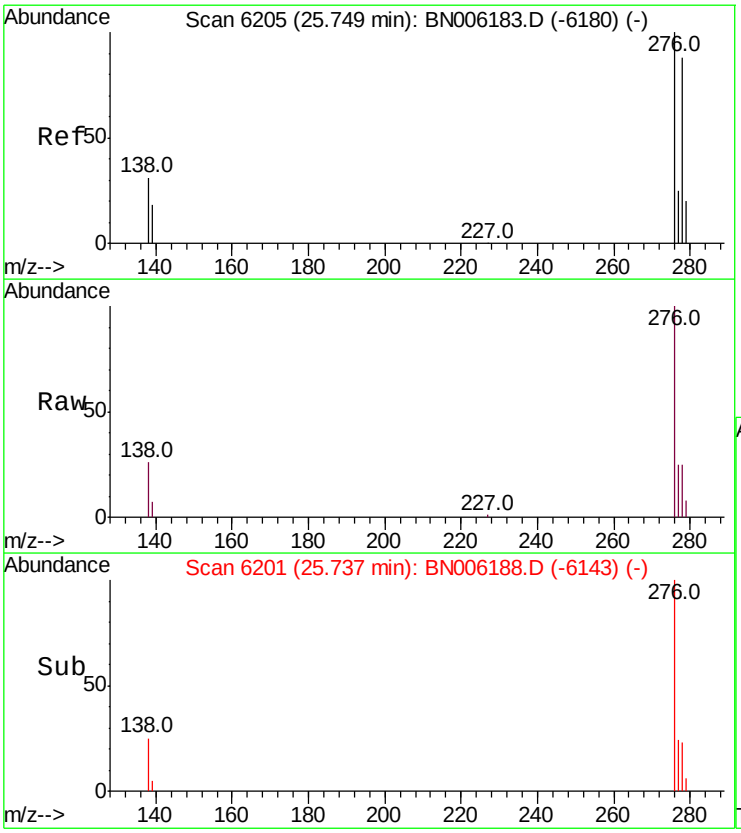
6/11/2019 4:30:26 PM

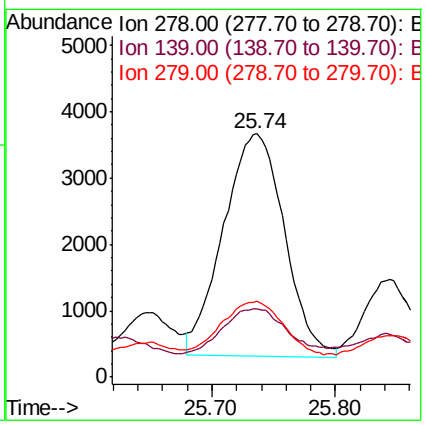


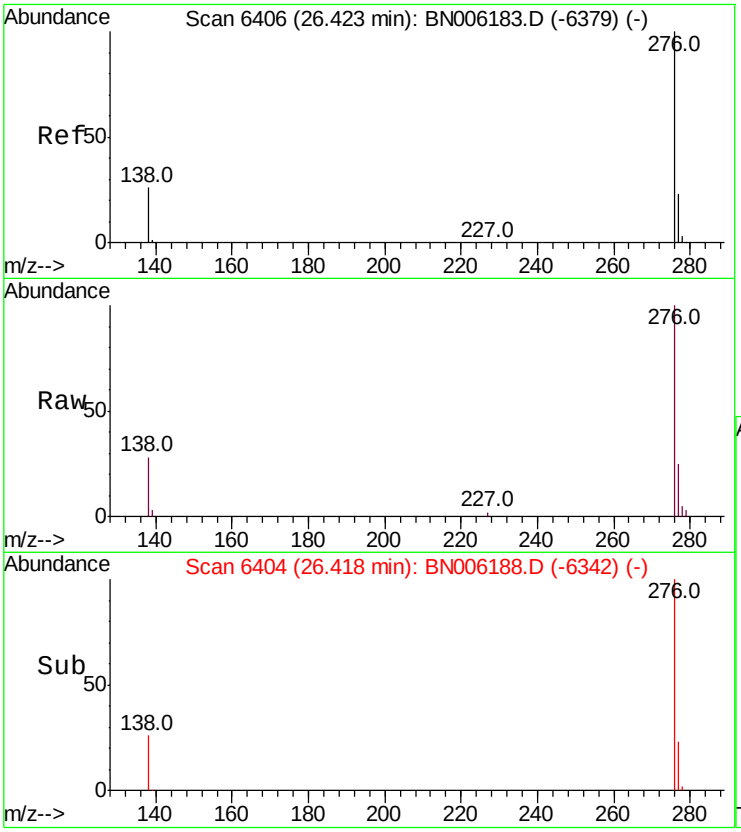


#25
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. -0.01 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:278 Resp: 11556

Ion	Ratio	Lower	Upper
278	100		
139	28.0	21.2	31.8
279	31.2	22.6	33.8

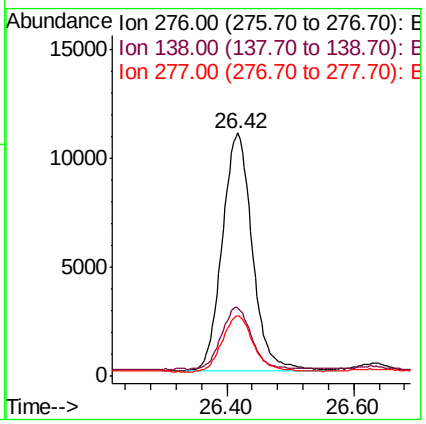




#26
Benzo(g,h,i)perylene
Concen: 0.487 ng/ul
RT: 26.42 min Scan# 6404
Delta R.T. 0.01 min
Lab File: BN006188.D
Acq: 08 Jun 2019 13:20

Tgt Ion:276 Resp: 35784

Ion	Ratio	Lower	Upper
276	100		
138	28.1	24.2	36.4
277	24.8	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A51D1

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:26 PM