Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006174.D
Acq On : 07 Jun 2019 19:19
Operator : JU/SJ
Sample : K3201-10DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC1DL

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:48 PM

Quant Time: Jun 08 03:15:39 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	5142	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19597	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9679	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19826	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	16703	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	21504	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1567	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3278	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	1791	0.033	ng/ul#	85
5) 2-Methylnaphthalene	12.10	142	804	0.021	ng/ul	99
7) Acenaphthylene	14.01	152	8231	0.153	ng/ul	98
8) Acenaphthene	14.36	153	2309	0.062	ng/ul	99
9) Fluorene	15.35	166	2626	0.060	ng/ul#	92
12) Phenanthrene	17.09	178	67255	1.057	ng/ul	100
13) Anthracene	17.18	178	14983	0.247	ng/ul	98
15) Fluoranthene	19.12	202	175105	2.492	ng/ul	99
17) Pyrene	19.49	202	169196	1.923	ng/ul	99
18) Benzo(a)anthracene	21.25	228	86783	1.175	ng/ul	100
19) Chrysene	21.31	228	81660	1.177	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	101325m	1.130	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	43812m	0.502	ng/ul	
23) Benzo(a)pyrene	23.40	252	71265	0.853	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.73	276	48889	0.541	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.73	278	12254	0.170	ng/ul	99
26) Benzo(g,h,i)perylene	26.42	276	37845	0.500	ng/ul	96

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

Quantitation Report (QT Reviewed)

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ALS Vial : 40 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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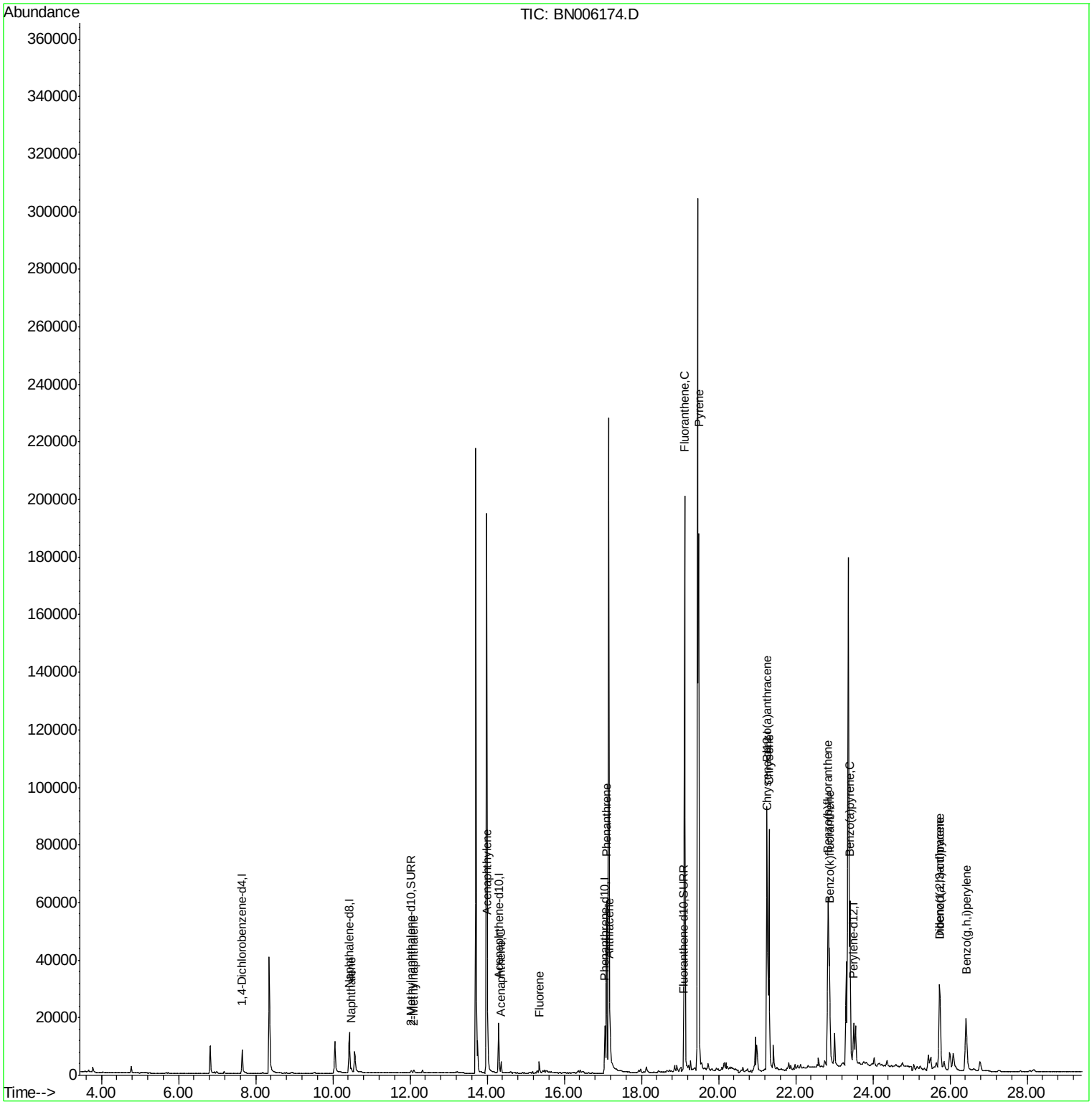

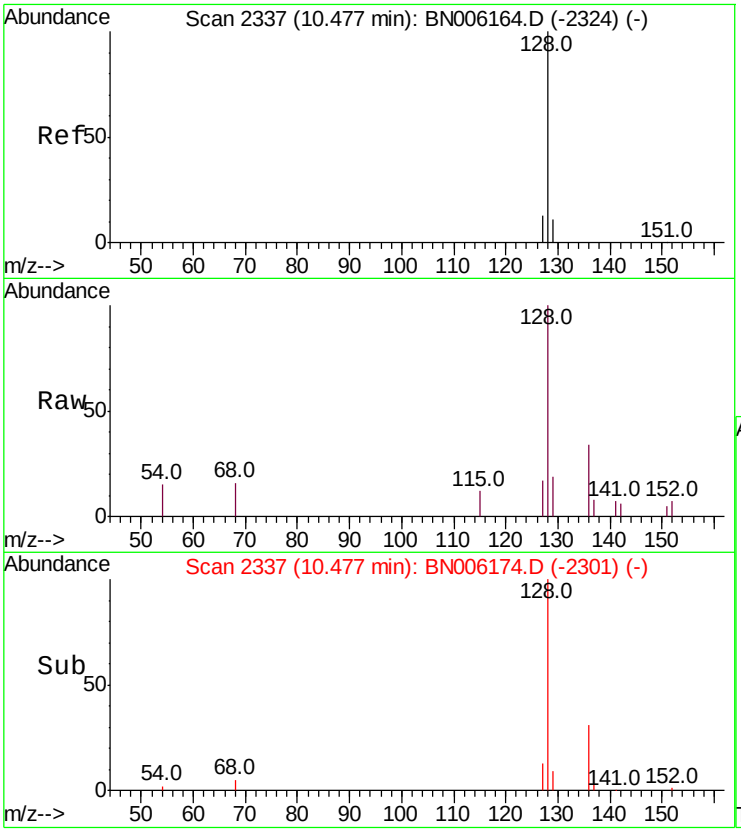

#3
Naphthalene
Concen: 0.033 ng/ul
RT: 10.48 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:128 Resp: 1791

Ion	Ratio	Lower	Upper
128	100		
129	19.3	9.3	13.9#
127	17.5	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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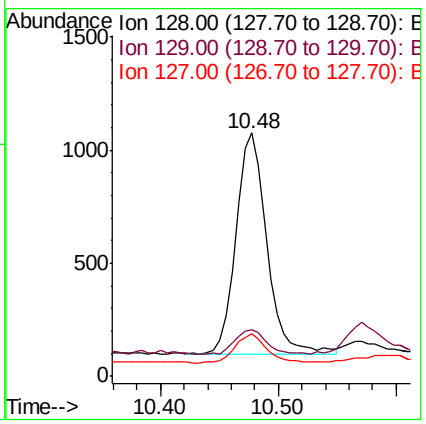
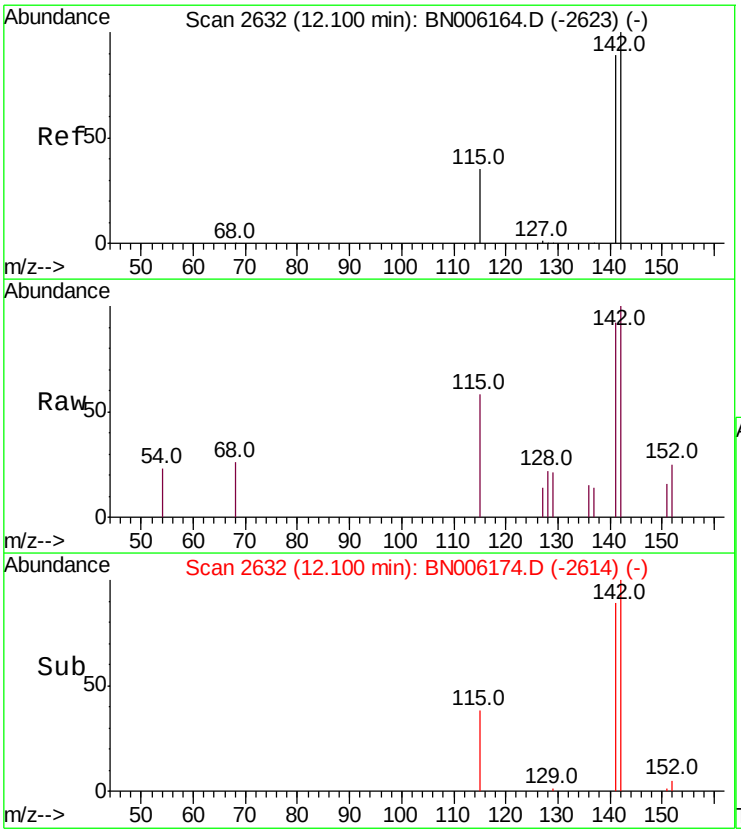
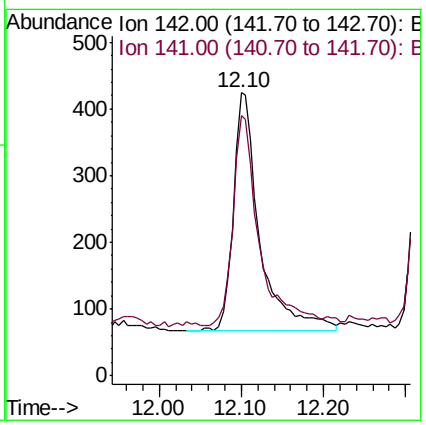


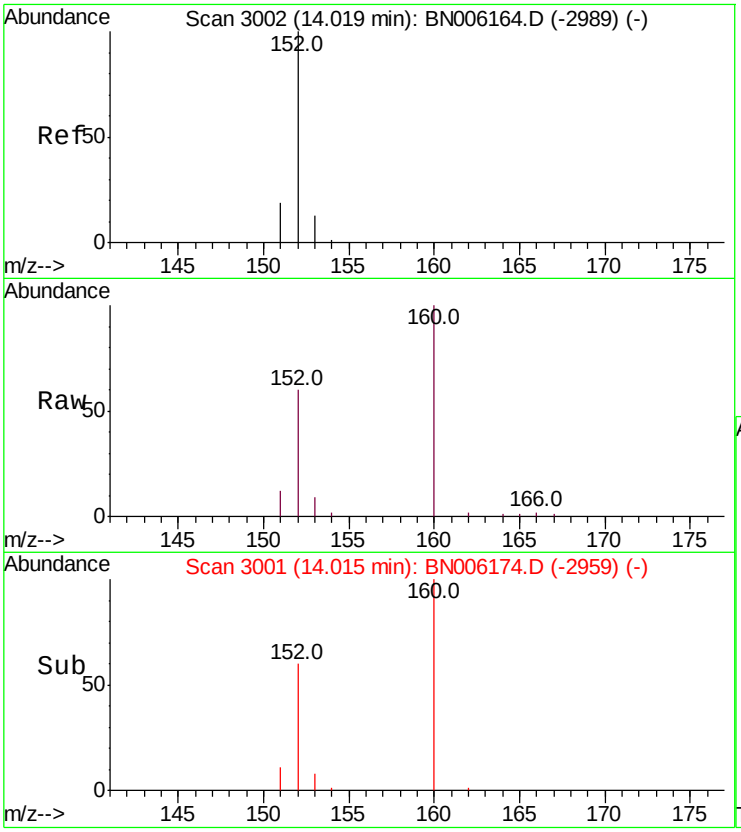


#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. 0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:142 Resp: 804

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.3	105.5

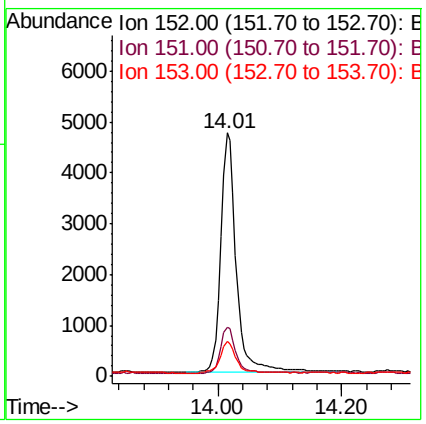




#7
Acenaphthylene
Concen: 0.153 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:152 Resp: 8231

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	14.4	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AC1DL

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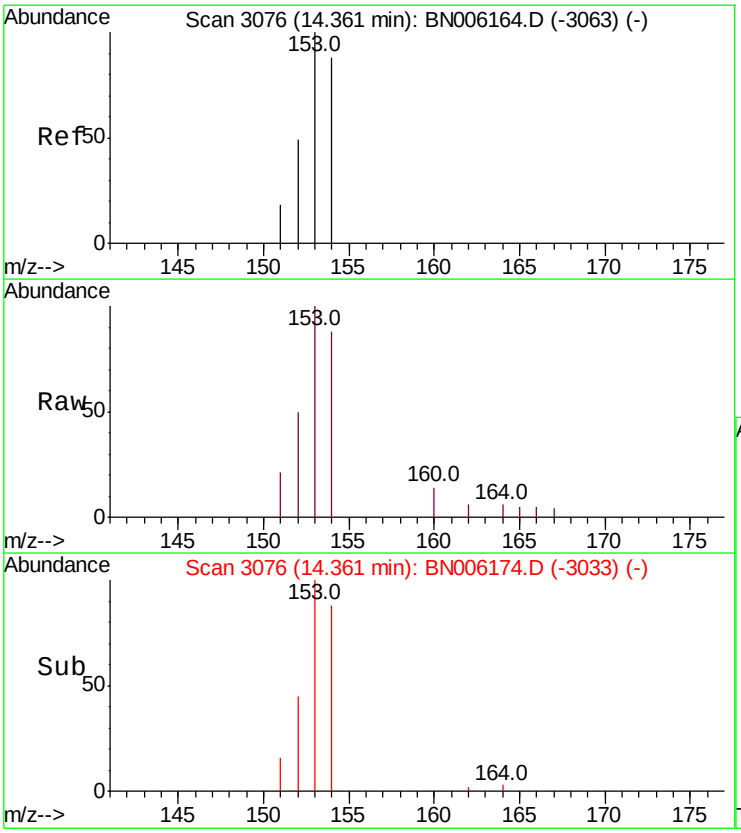
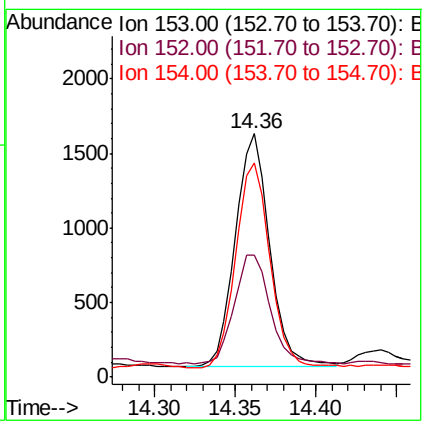
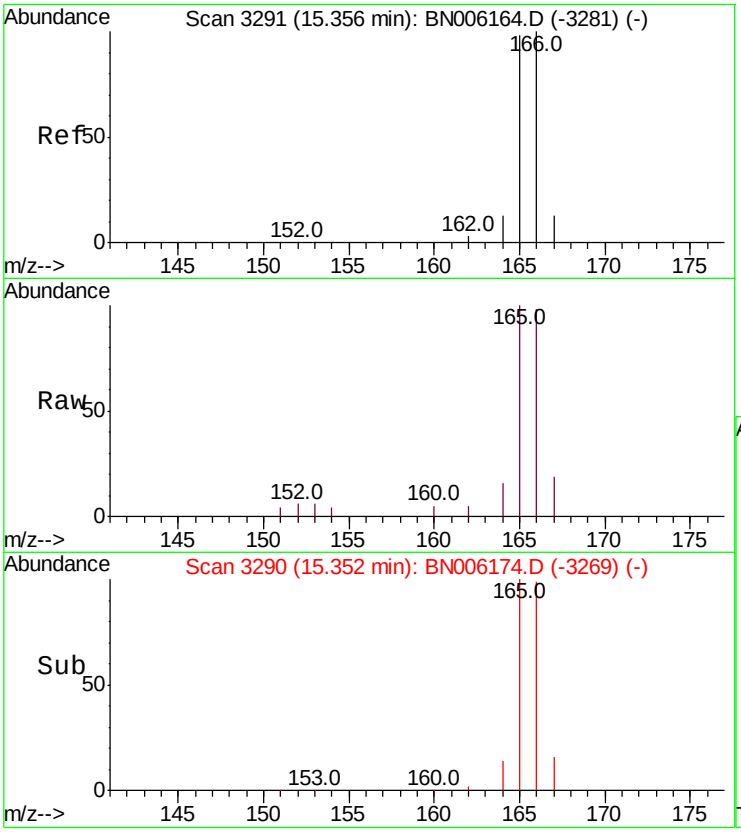


#8
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:153 Resp: 2309

Ion	Ratio	Lower	Upper
153	100		
152	50.3	39.1	58.7
154	88.2	71.1	106.7





#9
Fluorene
Concen: 0.060 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:166 Resp: 2626

Ion	Ratio	Lower	Upper
166	100		
165	102.3	76.4	114.6
167	19.5	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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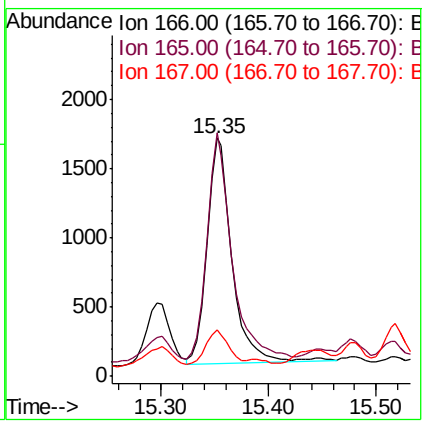
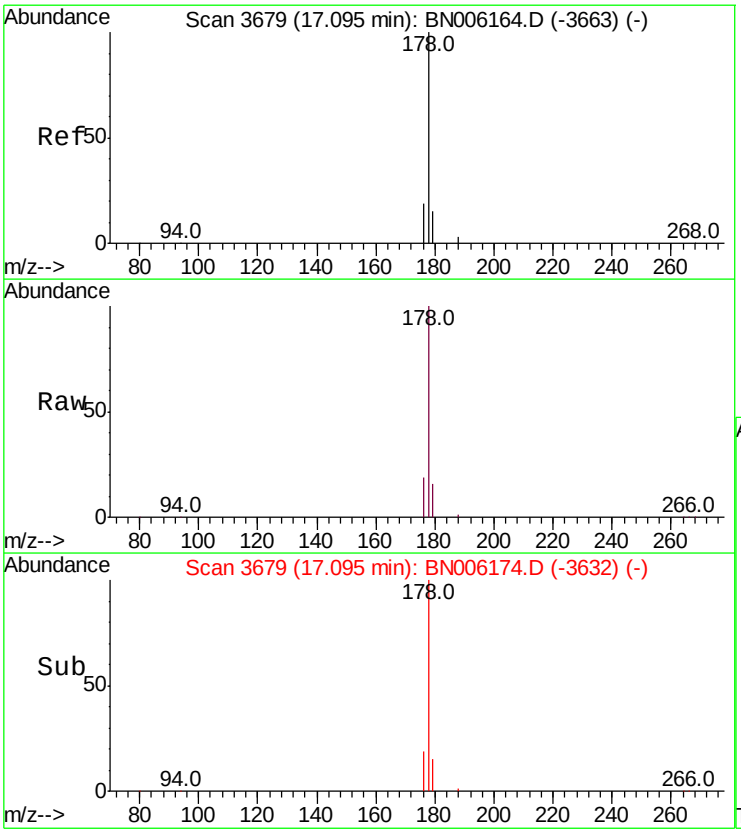
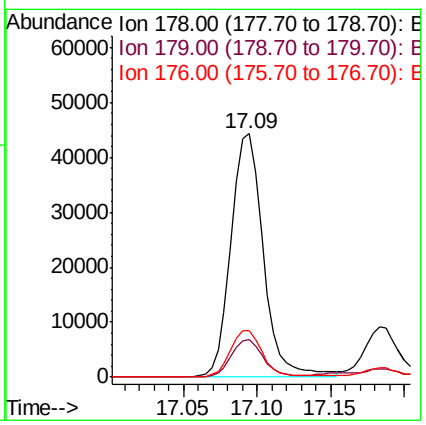


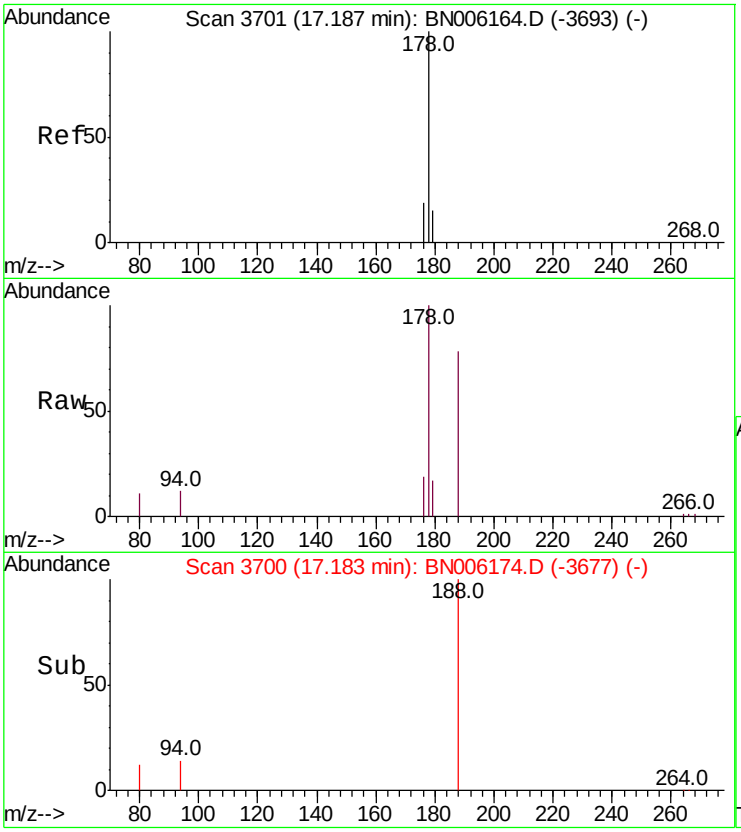


#12
Phenanthrene
Concen: 1.057 ng/ul
RT: 17.09 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:178 Resp: 67255

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.1	15.3	22.9

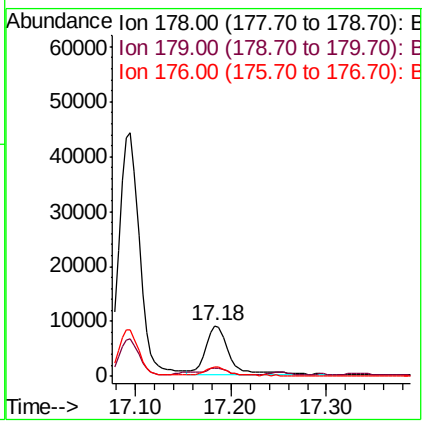




#13
Anthracene
Concen: 0.247 ng/ul
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:178 Resp: 14983

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	19.3	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0AC1DL

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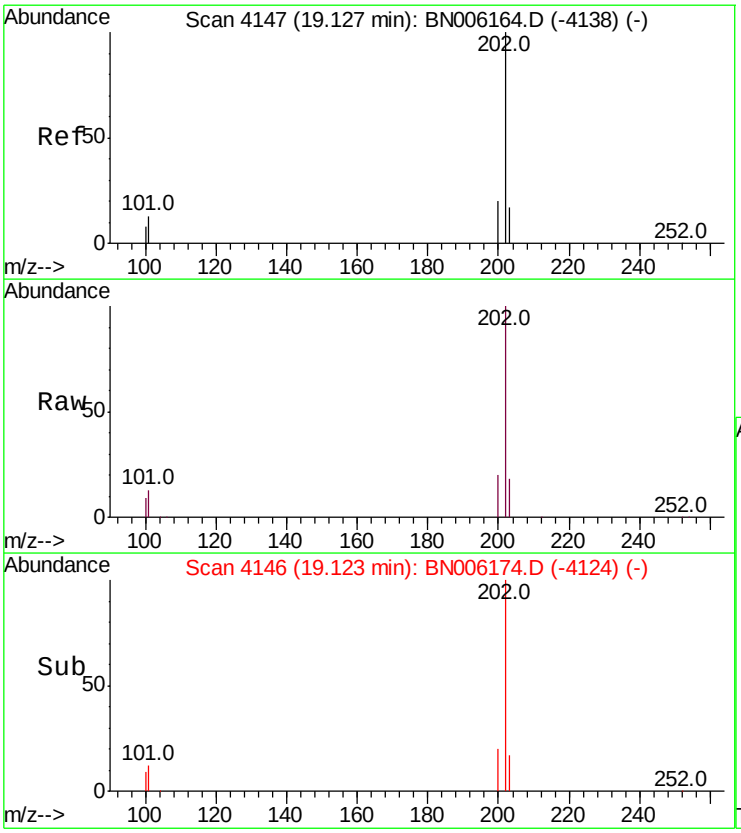
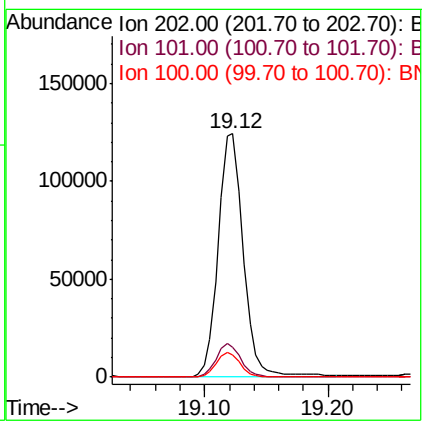
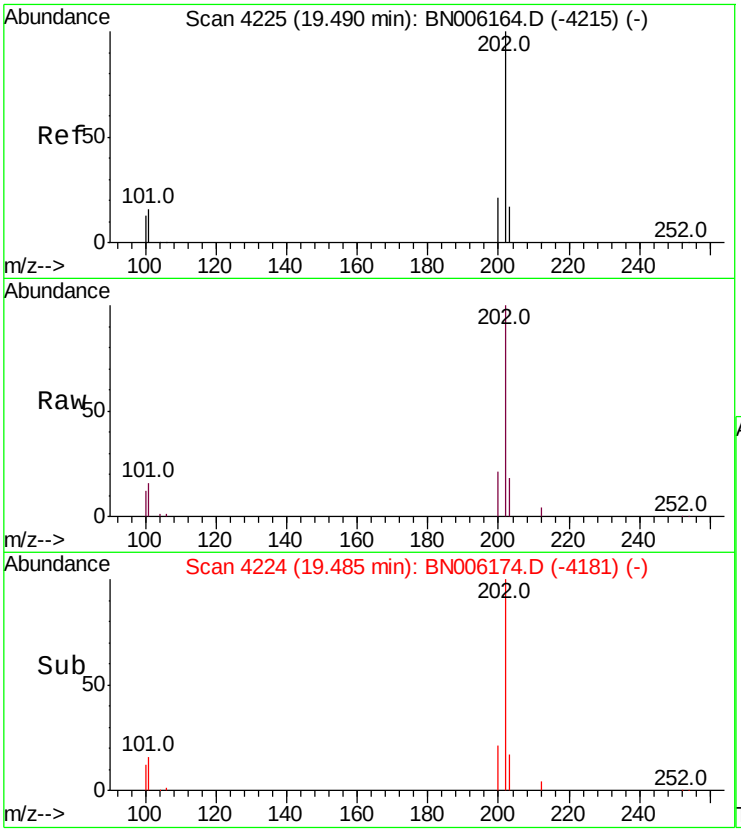


#15
Fluoranthene
Concen: 2.492 ng/ul
RT: 19.12 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:202 Resp: 175105

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.1
100	9.0	0.0	28.7

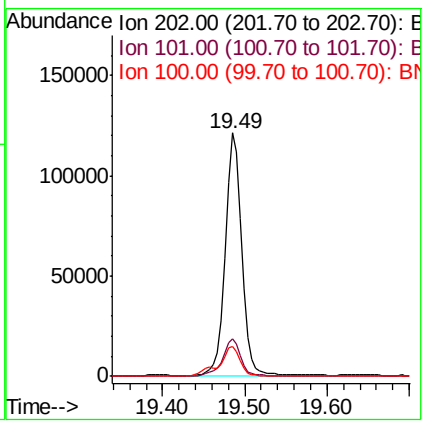




#17
Pyrene
Concen: 1.923 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:202 Resp: 169196

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



Instrument :
BNA_N
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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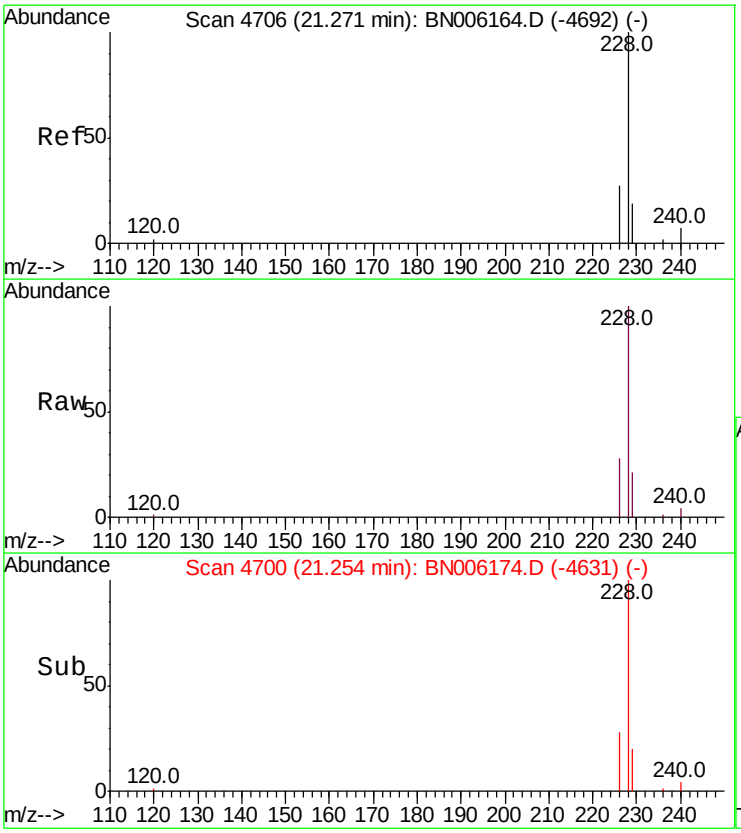
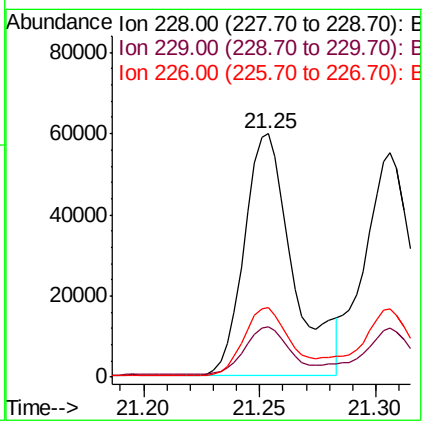
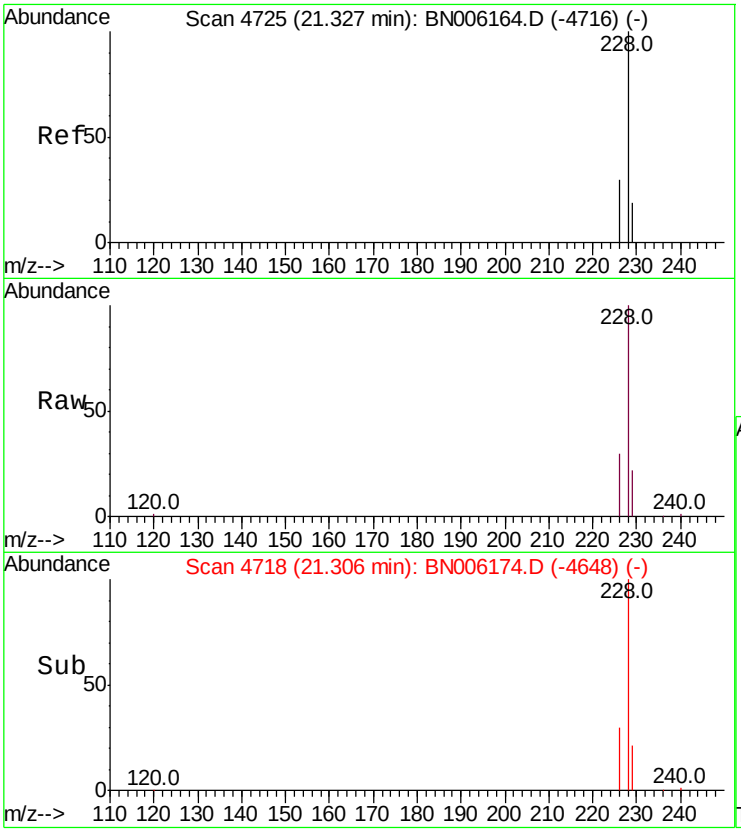


#18
Benzo(a)anthracene
Concen: 1.175 ng/ul
RT: 21.25 min Scan# 4700
Delta R.T. 0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:228 Resp: 86783

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.5	24.7
226	28.4	22.8	34.2

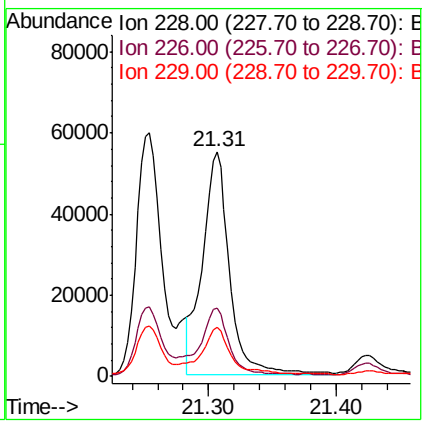




#19
Chrysene
Concen: 1.177 ng/ul
RT: 21.31 min Scan# 4718
Delta R.T. 0.01 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:228 Resp: 81660

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.7	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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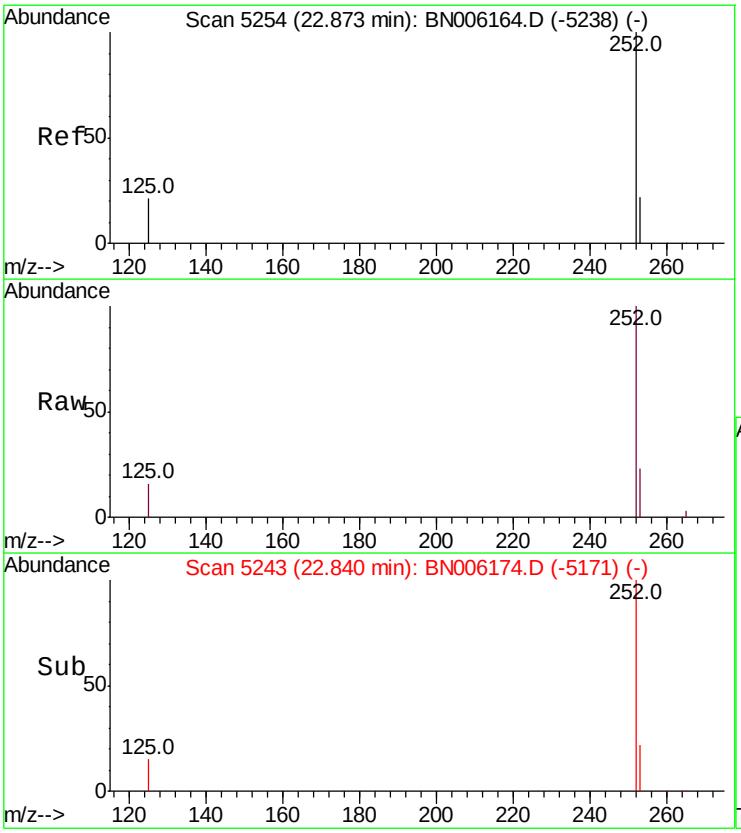
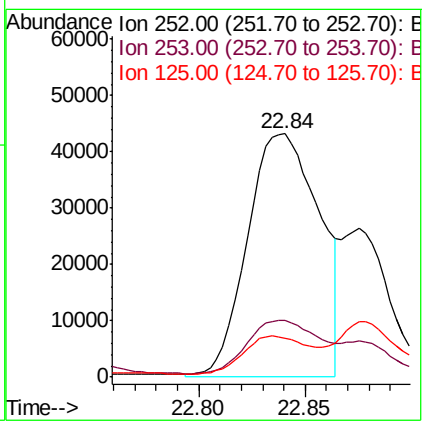
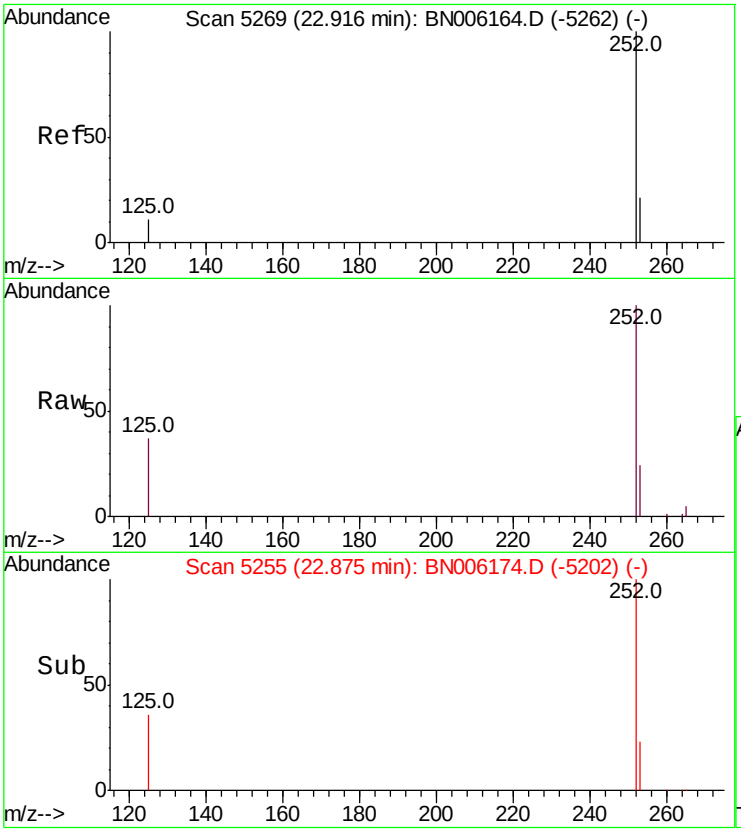


#21
Benzo(b)fluoranthene
Concen: 1.130 ng/ul m
RT: 22.84 min Scan# 5243
Delta R.T. 0.01 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:252 Resp: 101325

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	51.4
125	15.9	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.502 ng/ul m
RT: 22.88 min Scan# 5255
Delta R.T. 0.01 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:252 Resp: 43812

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.3	30.5
125	37.5	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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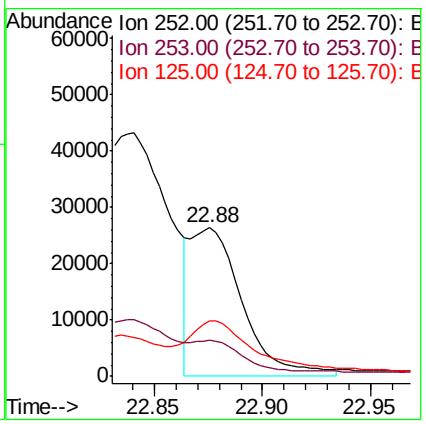
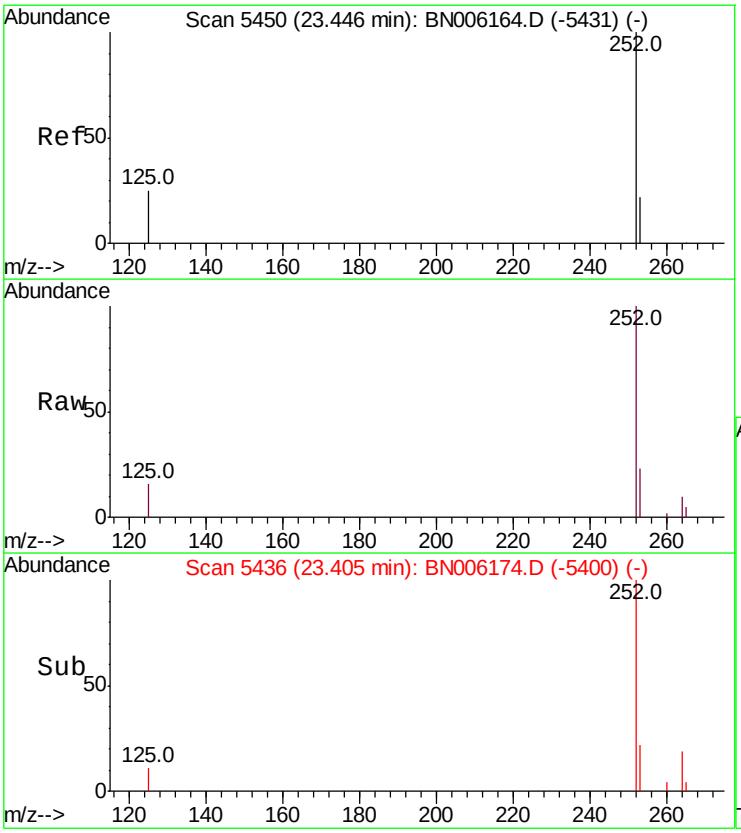
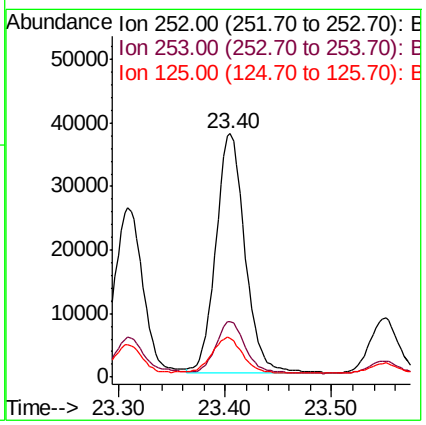


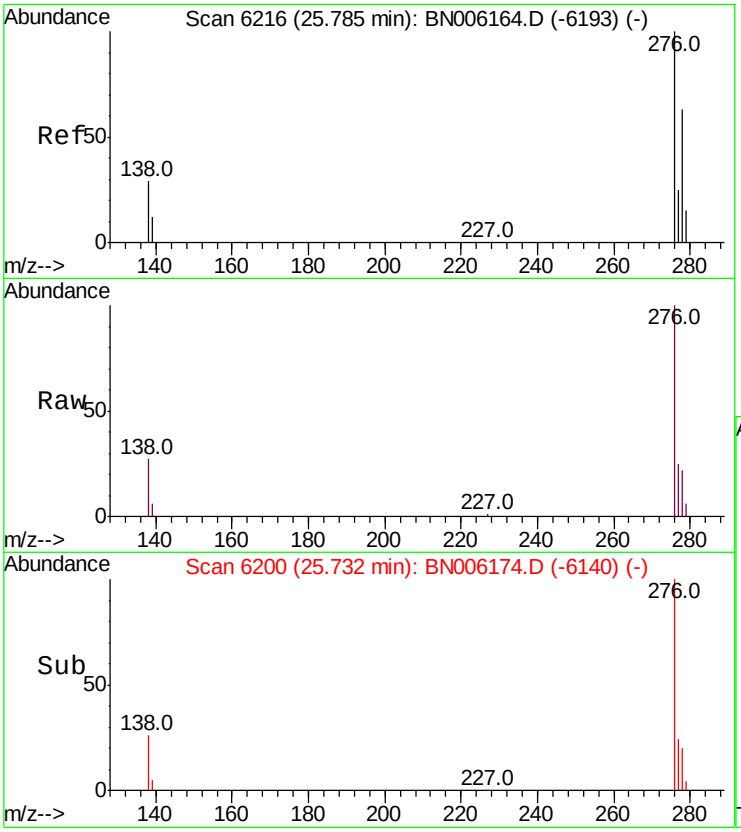


#23
Benzo(a)pyrene
Concen: 0.853 ng/ul
RT: 23.40 min Scan# 5436
Delta R.T. 0.01 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:252 Resp: 71265

Ion	Ratio	Lower	Upper
252	100		
253	23.0	21.1	31.7
125	15.7	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.541 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. 0.00 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:276 Resp: 48889

Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.6	38.4#
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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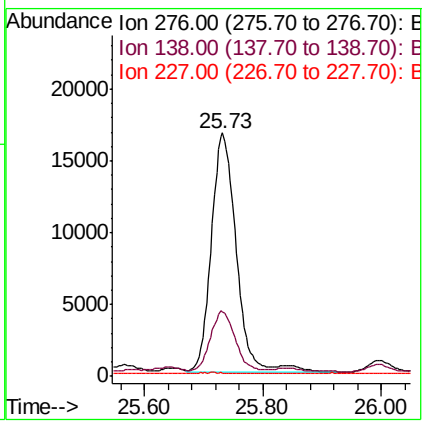
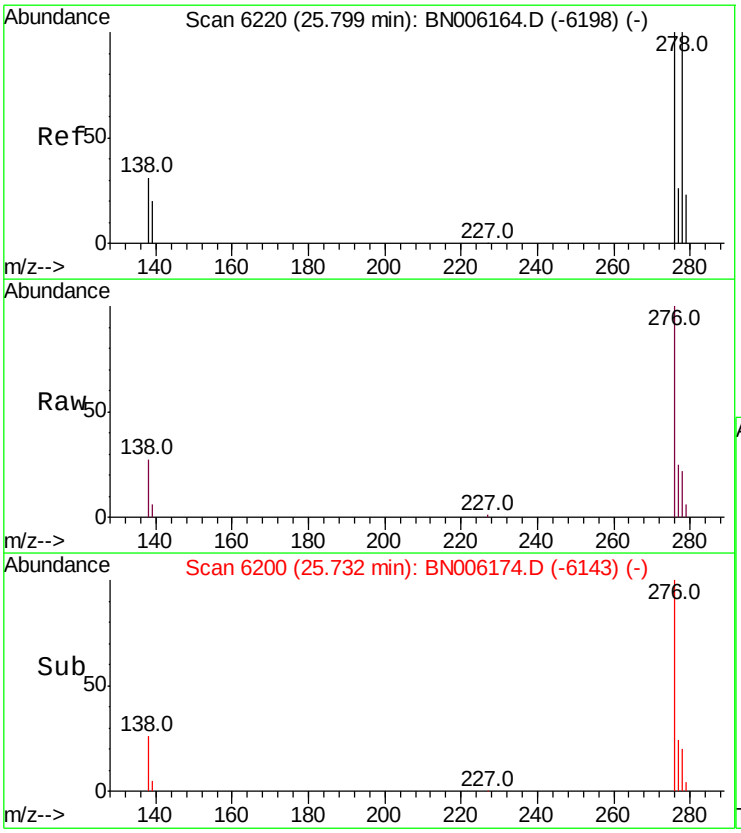
6/11/2019 5:08:48 PM

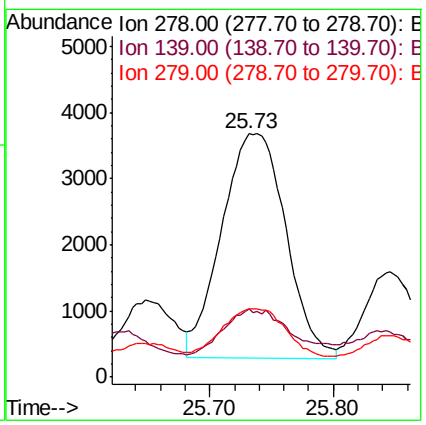


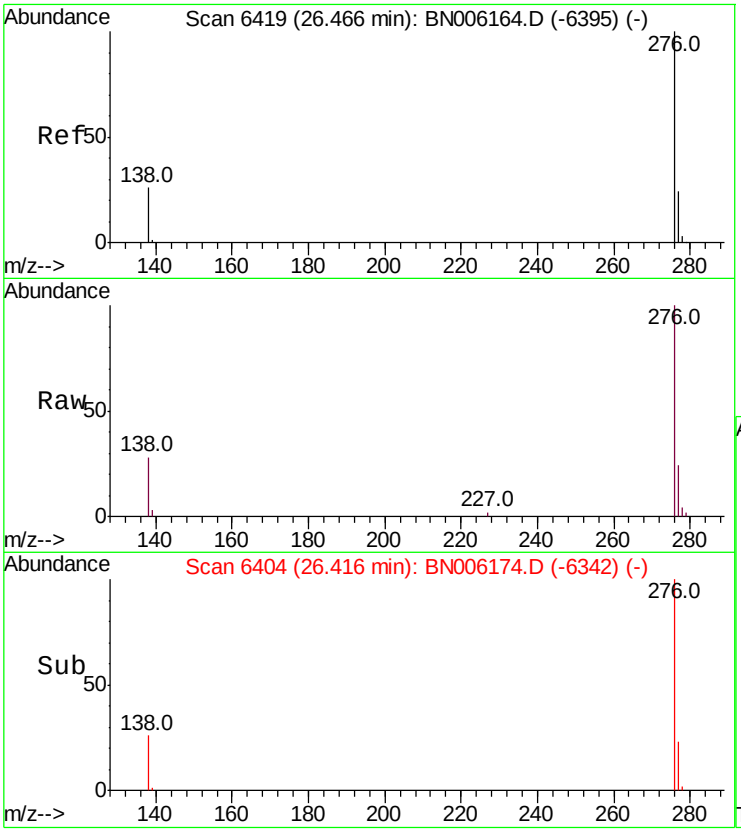


#25
Dibenzo(a,h)anthracene
Concen: 0.170 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.01 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:278 Resp: 12254

Ion	Ratio	Lower	Upper
278	100		
139	27.9	21.2	31.8
279	28.2	22.6	33.8

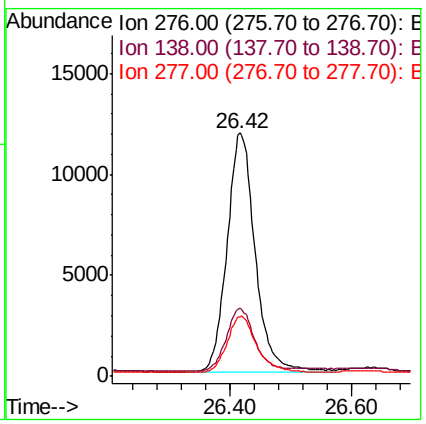




#26
Benzo(g,h,i)perylene
Concen: 0.500 ng/ul
RT: 26.42 min Scan# 6404
Delta R.T. 0.01 min
Lab File: BN006174.D
Acq: 07 Jun 2019 19:19

Tgt Ion:276 Resp: 37845

Ion	Ratio	Lower	Upper
276	100		
138	28.0	24.2	36.4
277	24.5	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:48 PM