Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007458.D
Acq On : 28 Aug 2019 06:53
Operator : HP/JU
Sample : K4242-08DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AF7DL

Manual Integrations APPROVED
mohammad
8/28/2019 8:00:16 AM

Quant Time: Aug 28 07:34:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3730	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	15602	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	8683	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	16922	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	13719	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	17265	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1285	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	3335	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.21	128	12218	0.277	ng/ul#	61
5) 2-Methylnaphthalene	11.83	142	7328	0.248	ng/ul	94
7) Acenaphthylene	13.76	152	6947	0.144	ng/ul#	87
8) Acenaphthene	14.11	153	1254	0.036	ng/ul#	89
9) Fluorene	15.11	166	1246	0.033	ng/ul#	72
11) Pentachlorophenol	16.46	266	147	0.039	ng/ul	92
12) Phenanthrene	16.84	178	19286	0.365	ng/ul#	84
13) Anthracene	16.93	178	6322	0.127	ng/ul#	61
15) Fluoranthene	18.87	202	57411	0.812	ng/ul	97
17) Pyrene	19.24	202	66925	0.997	ng/ul#	95
18) Benzo(a)anthracene	21.01	228	28970	0.472	ng/ul#	69
19) Chrysene	21.06	228	36956	0.561	ng/ul#	74
21) Benzo(b)fluoranthene	22.52	252	64929m	0.861	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	20896m	0.265	ng/ul	
23) Benzo(a)pyrene	23.04	252	47300	0.629	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.20	276	46215	0.549	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.20	278	10755	0.162	ng/ul#	1
26) Benzo(g,h,i)perylene	25.83	276	49051	0.683	ng/ul#	70

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

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Manual Integrations APPROVED
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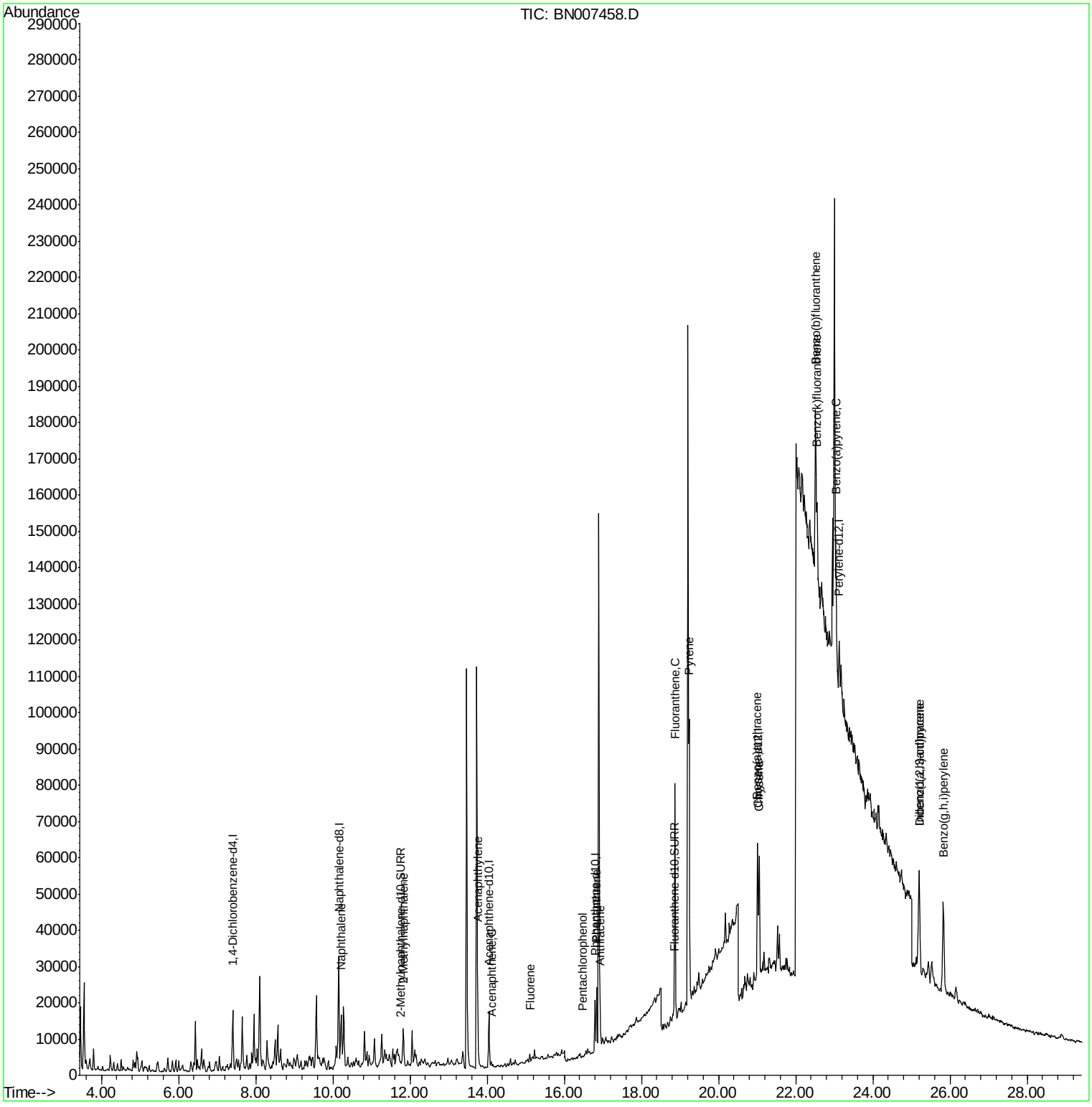

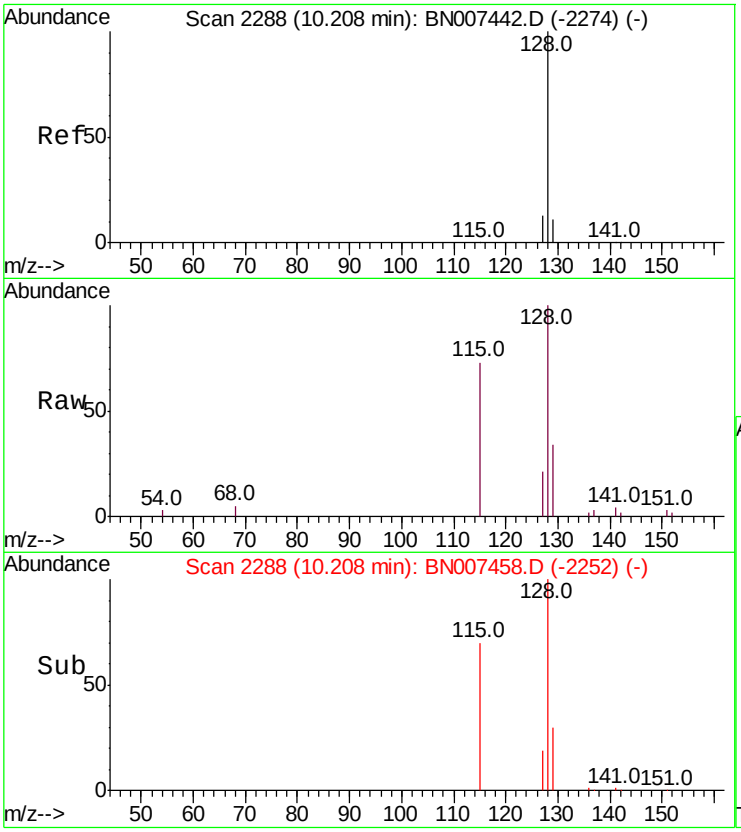

#3
Naphthalene
Concen: 0.277 ng/ul
RT: 10.21 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:128 Resp: 12218

Ion	Ratio	Lower	Upper
128	100		
129	34.0	9.2	13.8#
127	21.2	10.4	15.6#

Instrument :
BNA_N
ClientSampleId :
C0AF7DL

Manual Integrations APPROVED
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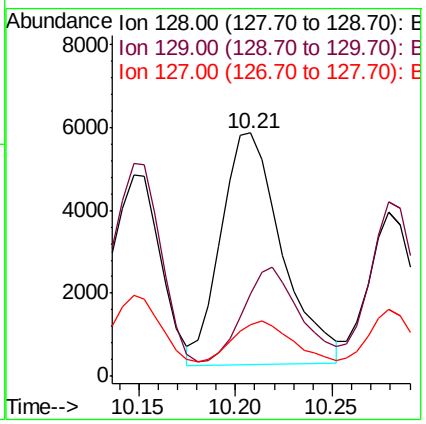
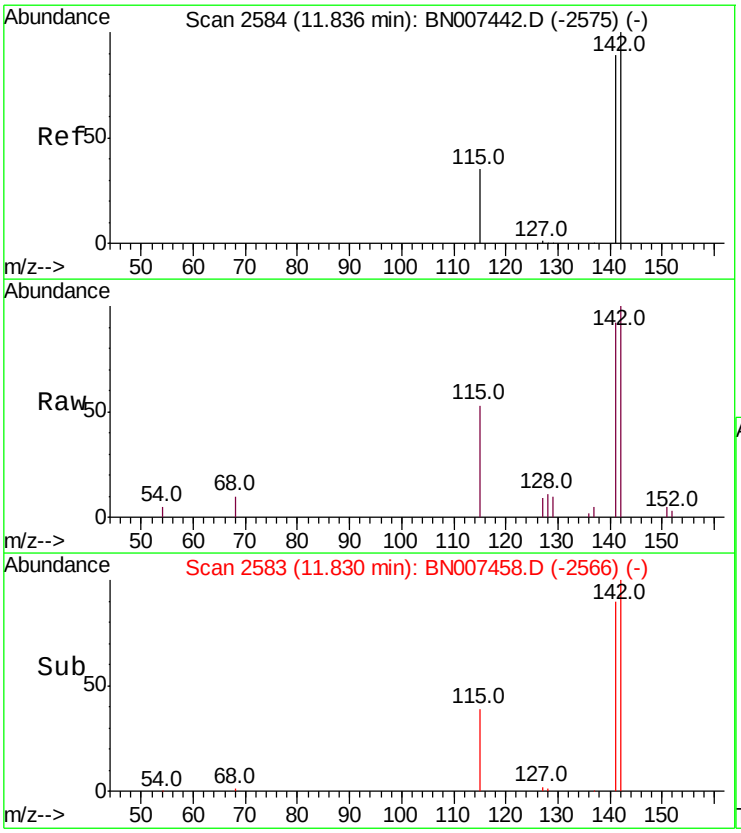
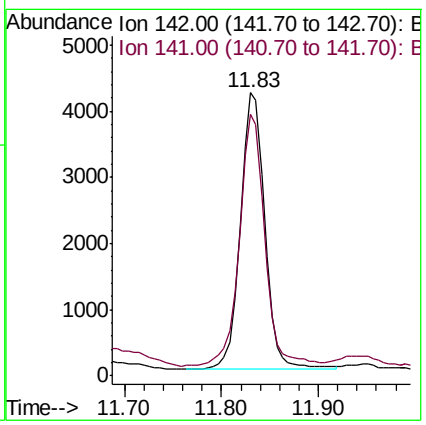


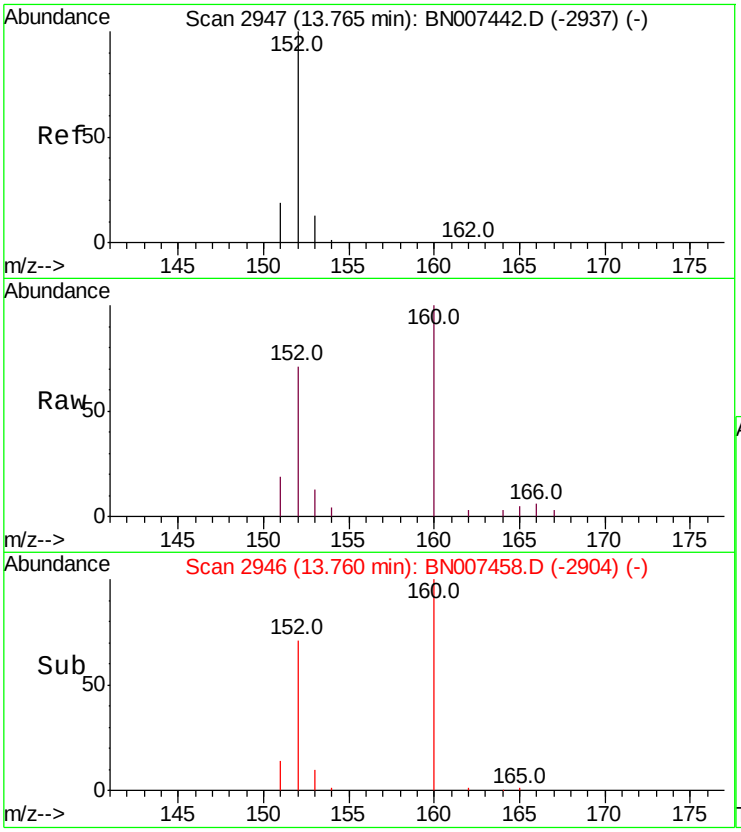


#5
2-Methylnaphthalene
Concen: 0.248 ng/ul
RT: 11.83 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:142 Resp: 7328

Ion	Ratio	Lower	Upper
142	100		
141	94.9	71.7	107.5

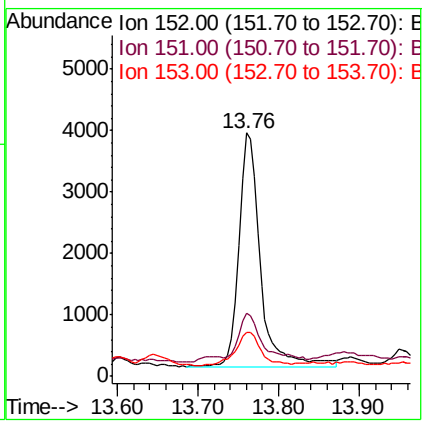




#7
Acenaphthylene
Concen: 0.144 ng/ul
RT: 13.76 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:152 Resp: 6947

Ion	Ratio	Lower	Upper
152	100		
151	26.1	15.8	23.6#
153	18.0	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
C0AF7DL

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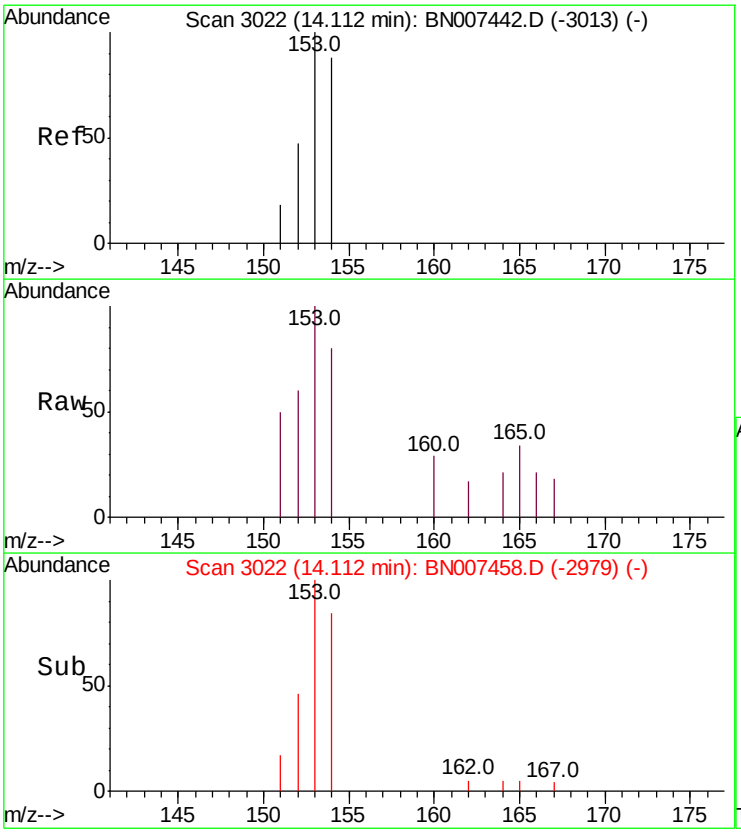
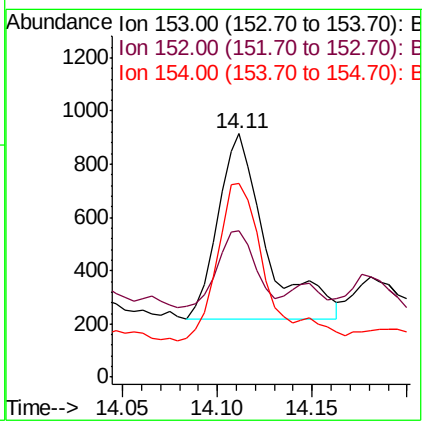
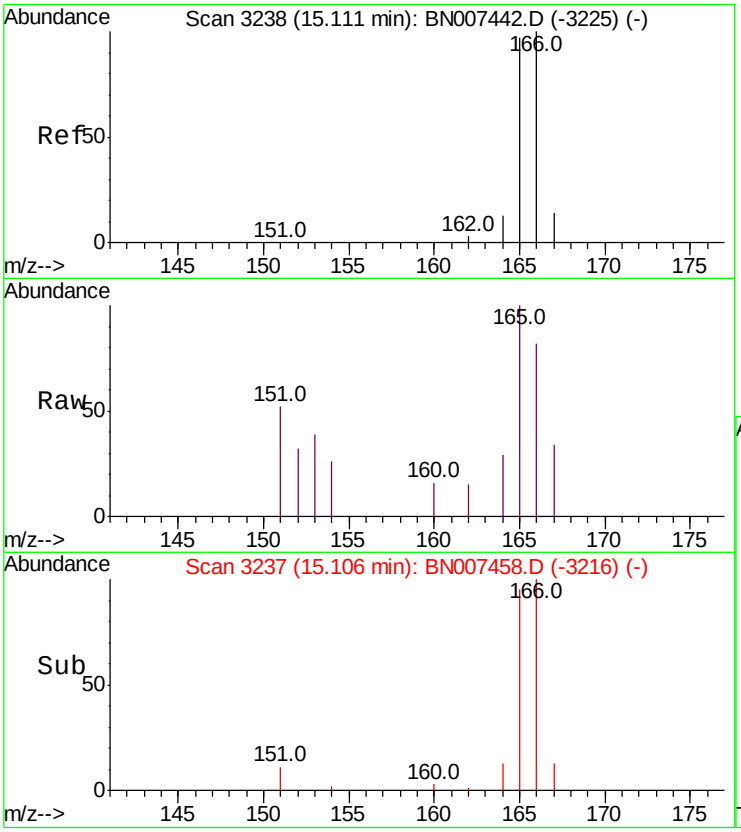


#8
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.11 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:153 Resp: 1254

Ion	Ratio	Lower	Upper
153	100		
152	60.0	39.1	58.7#
154	79.6	69.4	104.2





#9
Fluorene
Concen: 0.033 ng/ul
RT: 15.11 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:166 Resp: 1246

Ion	Ratio	Lower	Upper
166	100		
165	122.1	79.6	119.4#
167	41.9	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
C0AF7DL

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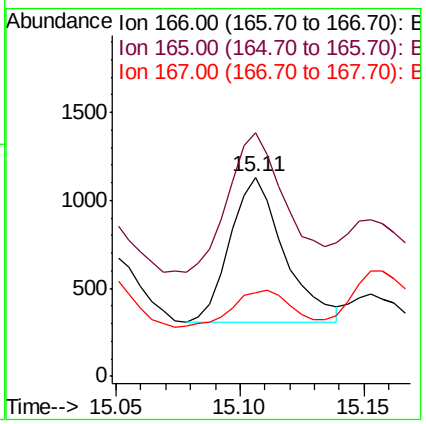
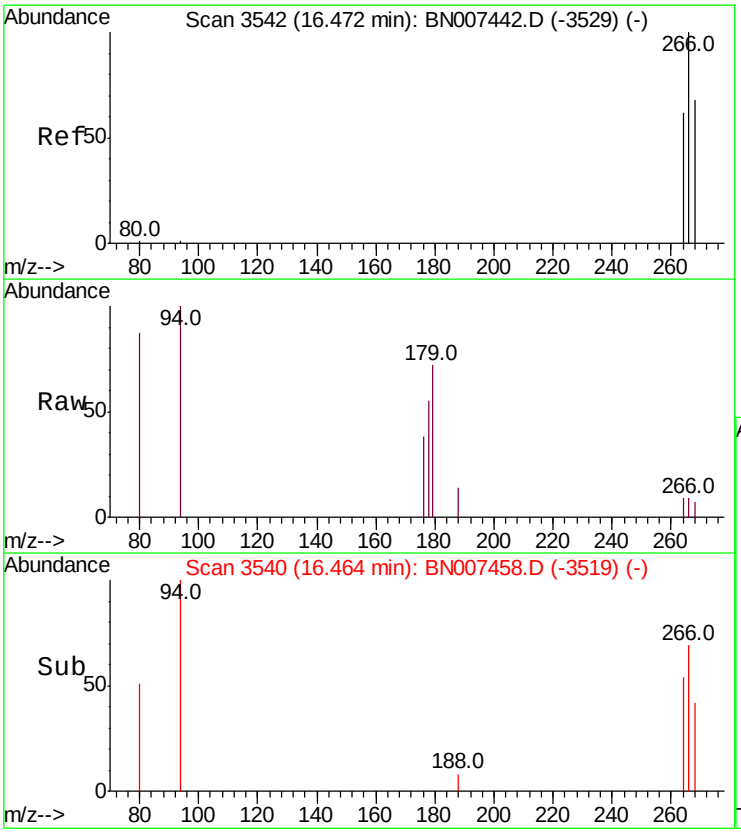
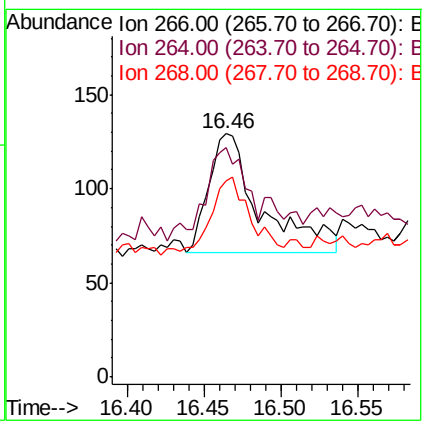


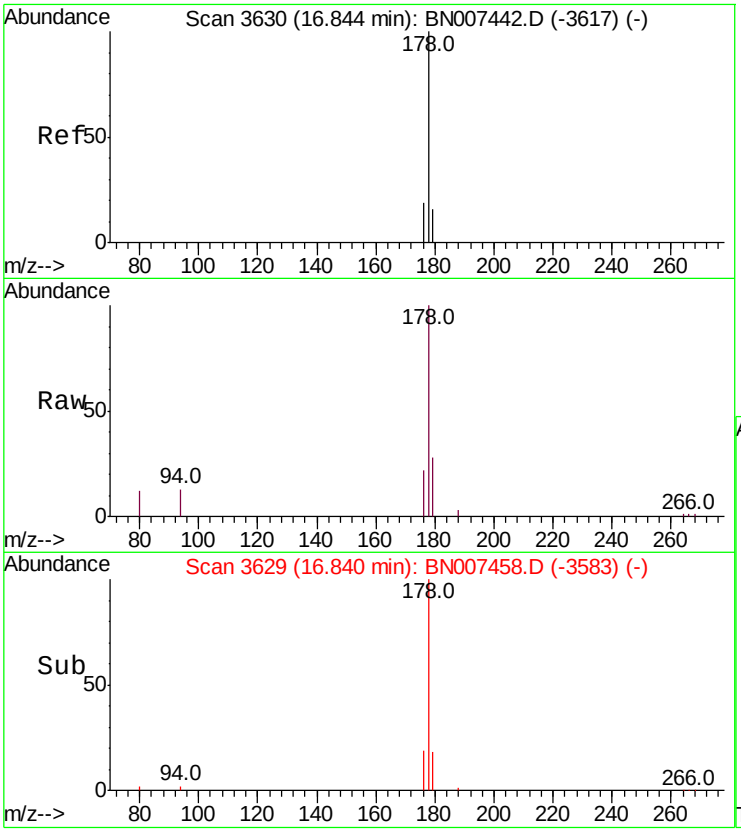


#11
Pentachlorophenol
Concen: 0.039 ng/ul
RT: 16.46 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:266 Resp: 147

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.0	73.6
268	51.0	50.2	75.2

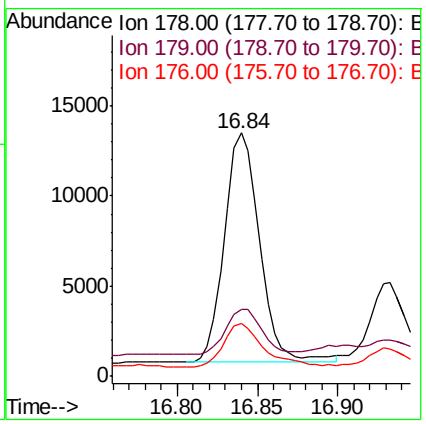




#12
Phenanthrene
Concen: 0.365 ng/ul
RT: 16.84 min Scan# 3629
Delta R.T. -0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:178 Resp: 19286

Ion	Ratio	Lower	Upper
178	100		
179	27.7	12.8	19.2#
176	21.8	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
C0AF7DL

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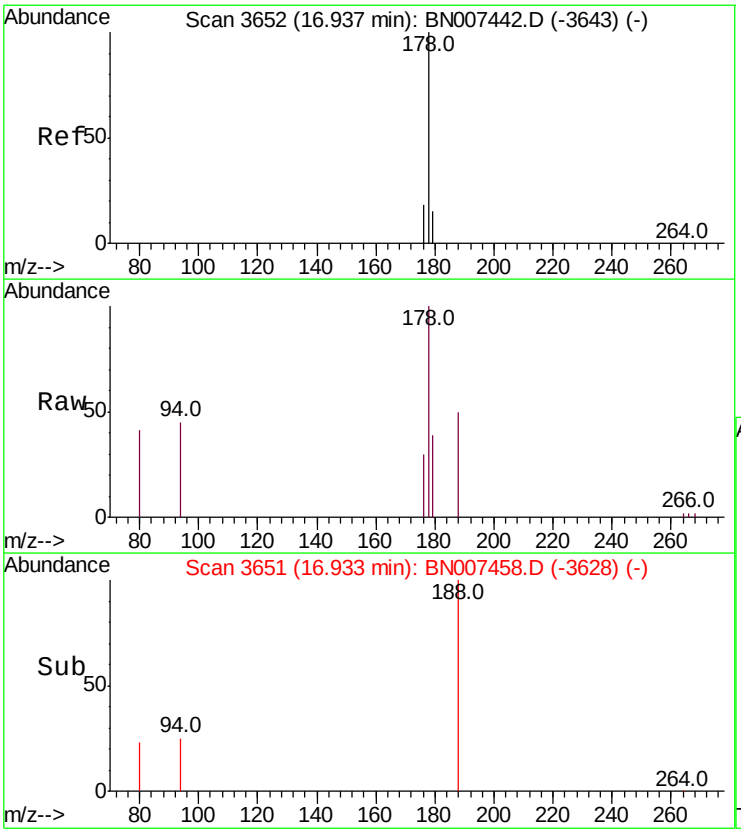
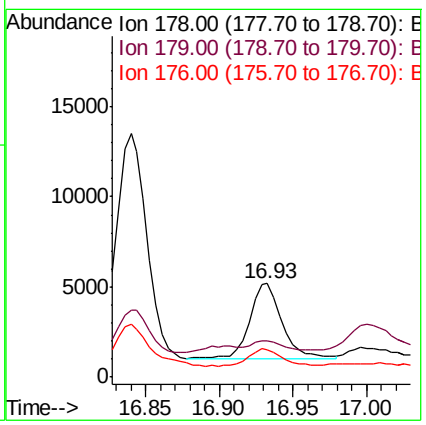
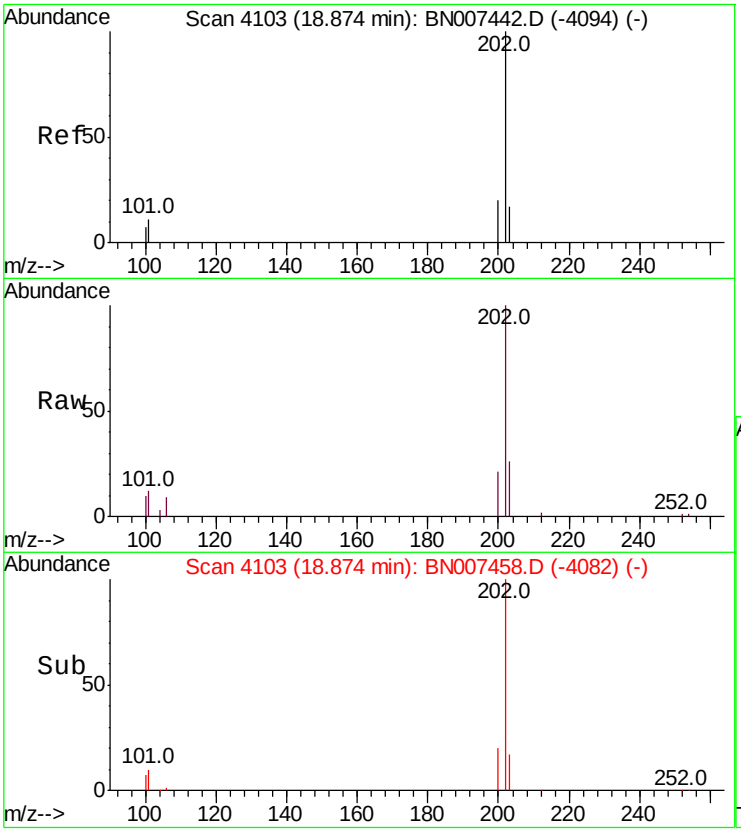


#13
Anthracene
Concen: 0.127 ng/ul
RT: 16.93 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:178 Resp: 6322

Ion	Ratio	Lower	Upper
178	100		
179	39.4	12.8	19.2#
176	29.6	14.6	21.8#

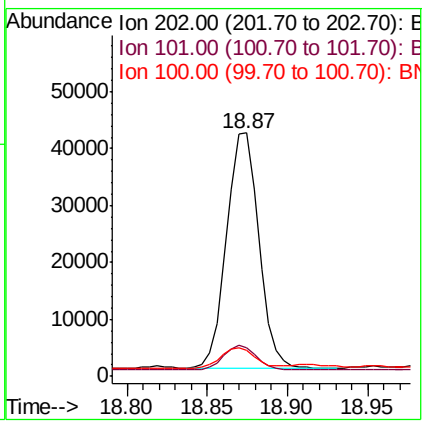




#15
Fluoranthene
Concen: 0.812 ng/ul
RT: 18.87 min Scan# 4103
Delta R.T. -0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:202 Resp: 57411

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.3
100	10.5	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
C0AF7DL

Manual Integrations APPROVED
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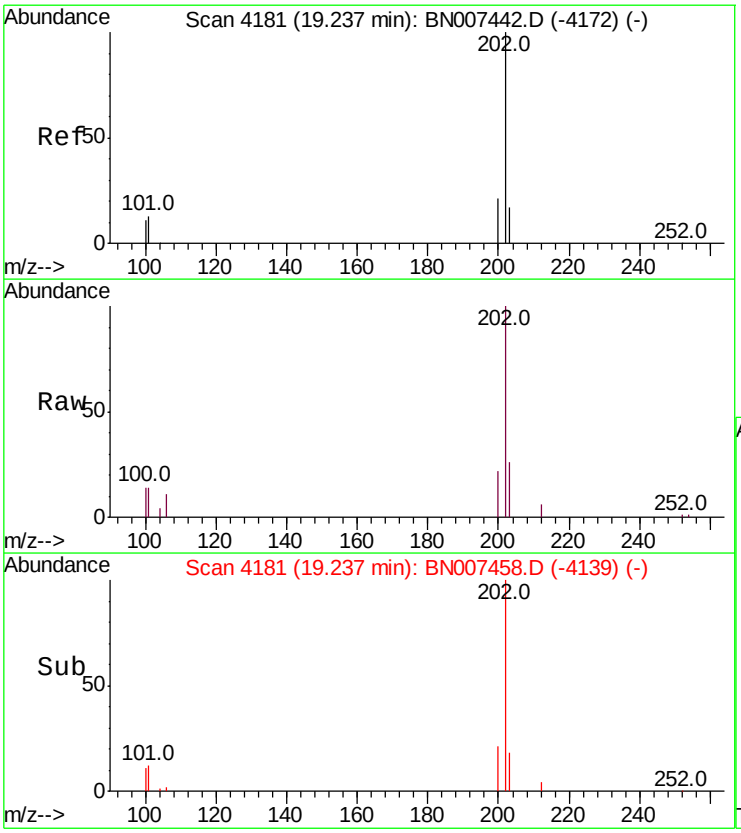
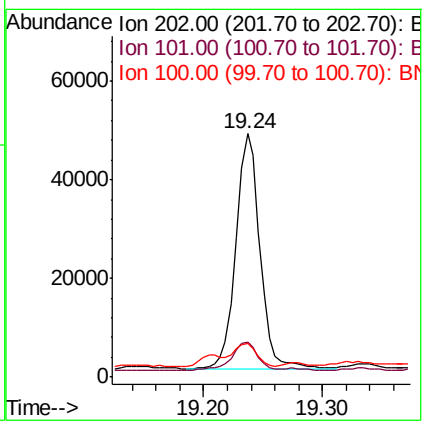
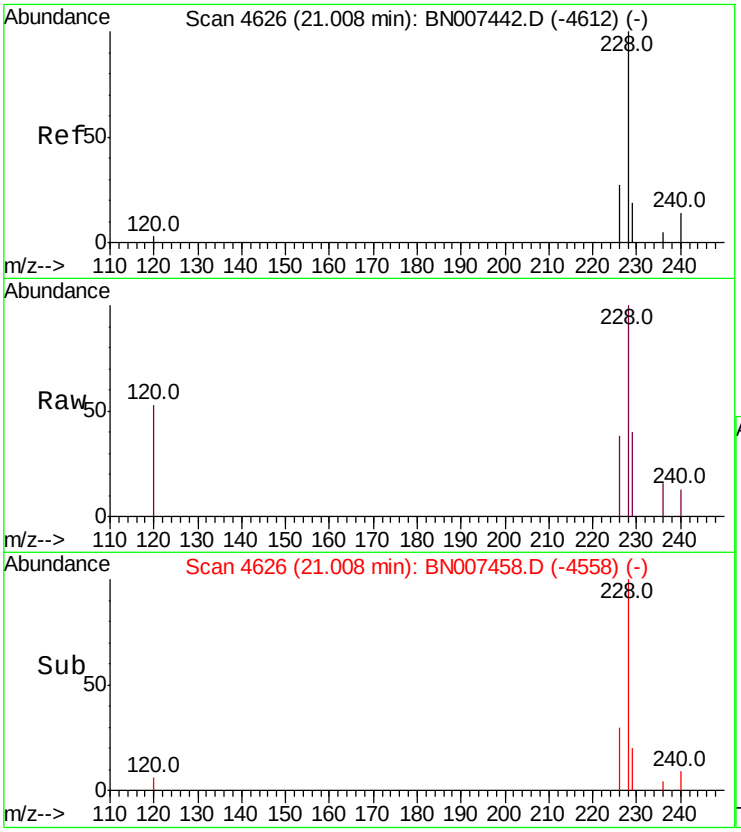


#17
Pyrene
Concen: 0.997 ng/ul
RT: 19.24 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:202 Resp: 66925

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.7	16.1
100	14.0	8.6	12.8#

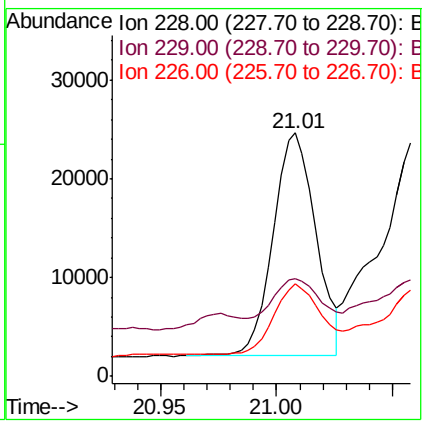




#18
Benzo(a)anthracene
Concen: 0.472 ng/ul
RT: 21.01 min Scan# 4626
Delta R.T. -0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:228 Resp: 28970

Ion	Ratio	Lower	Upper
228	100		
229	40.4	15.4	23.2#
226	37.9	22.0	33.0#



Instrument :
BNA_N
ClientSampleId :
C0AF7DL

Manual Integrations APPROVED
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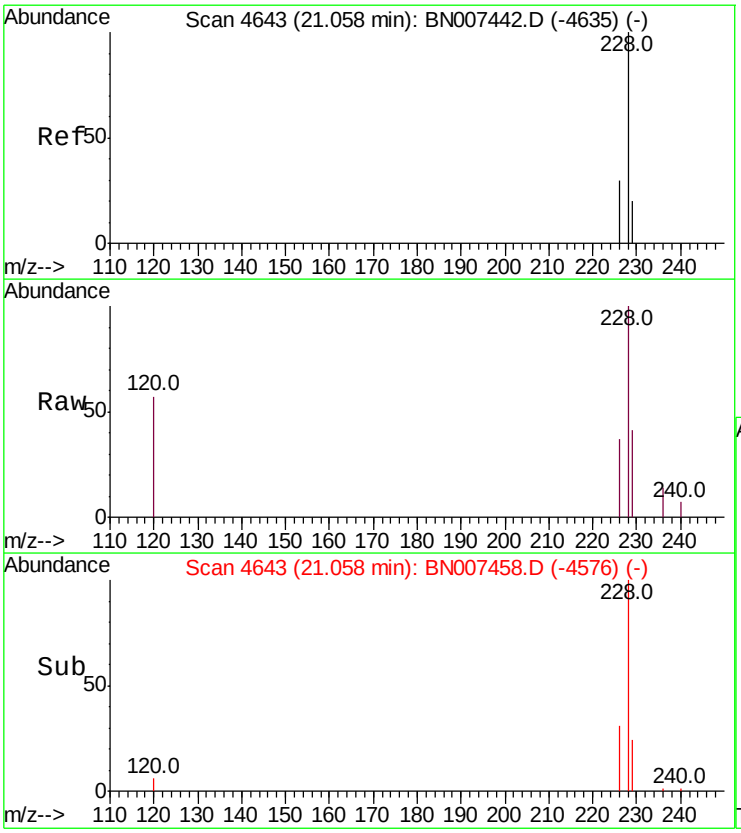
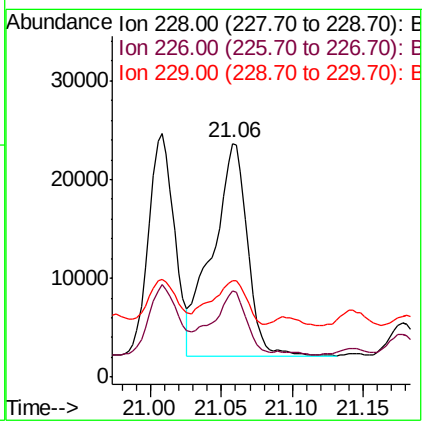
8/28/2019 8:00:16 AM

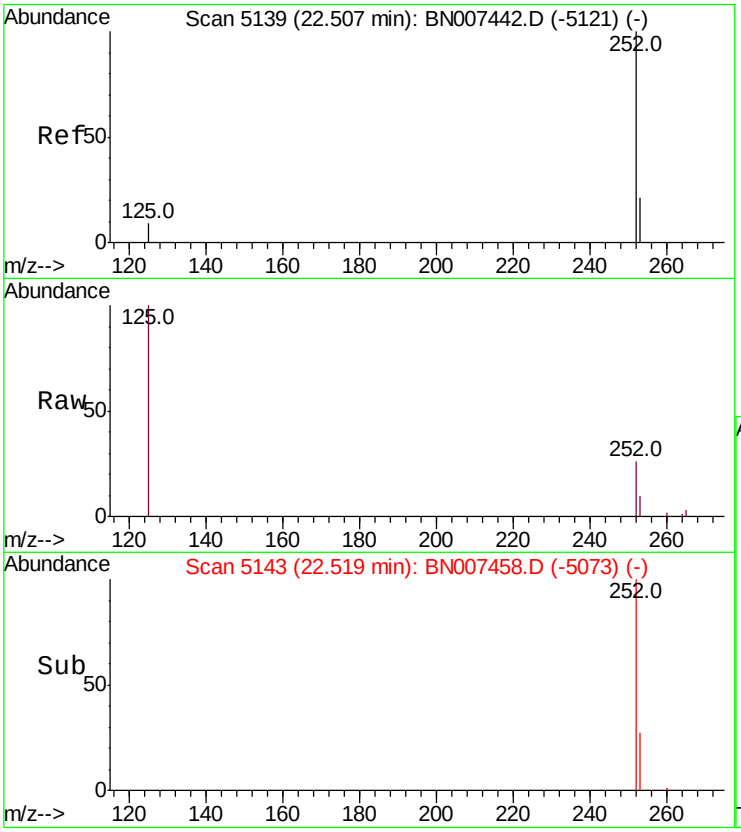


#19
Chrysene
Concen: 0.561 ng/ul
RT: 21.06 min Scan# 4643
Delta R.T. -0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:228 Resp: 36956

Ion	Ratio	Lower	Upper
228	100		
226	36.8	24.1	36.1#
229	41.5	16.1	24.1#

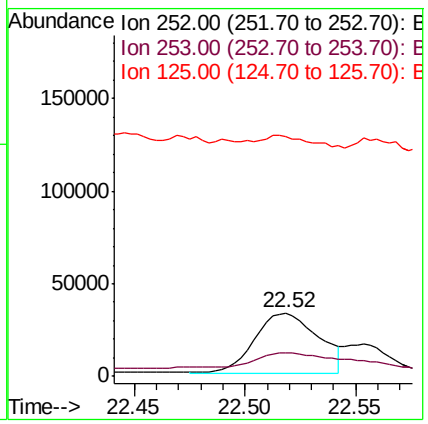




#21
Benzo(b)fluoranthene
Concen: 0.861 ng/ul m
RT: 22.52 min Scan# 5143
Delta R.T. 0.01 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:252 Resp: 64929

Ion	Ratio	Lower	Upper
252	100		
253	37.5	0.0	47.0
125	379.2	0.0	24.8#



Instrument :
BNA_N
ClientSampleId :
C0AF7DL

Manual Integrations APPROVED
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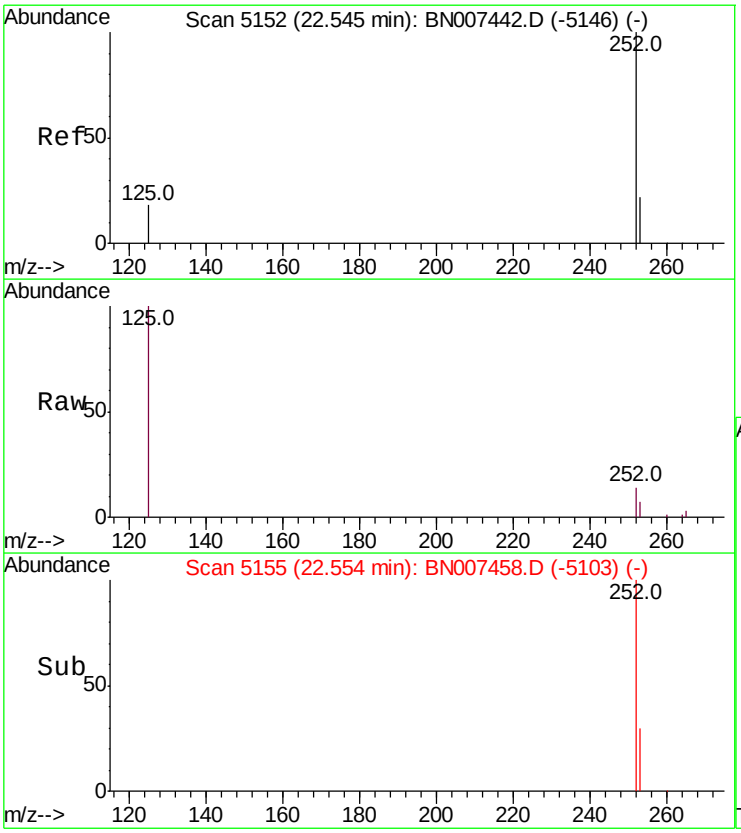
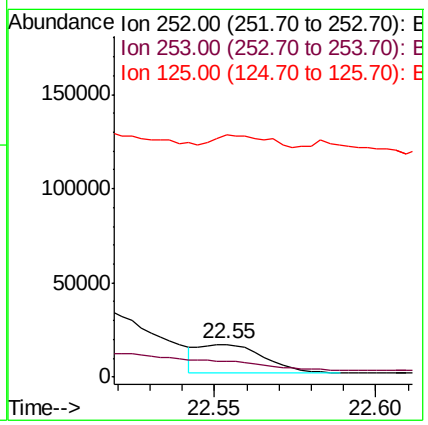
8/28/2019 8:00:16 AM

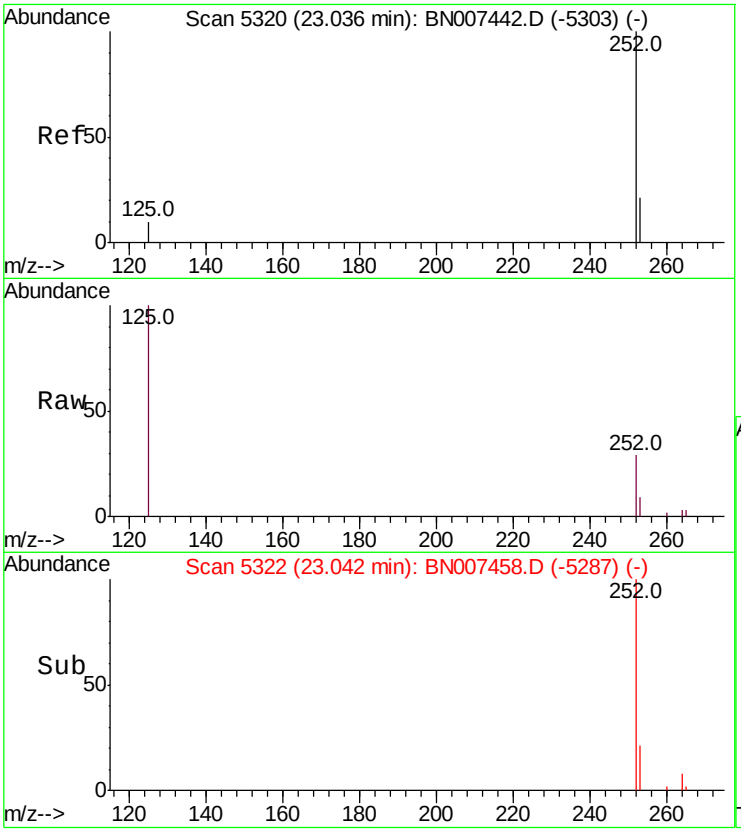


#22
Benzo(k)fluoranthene
Concen: 0.265 ng/ul m
RT: 22.55 min Scan# 5155
Delta R.T. 0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:252 Resp: 20896

Ion	Ratio	Lower	Upper
252	100		
253	48.2	18.7	28.1#
125	736.8	12.4	18.6#





#23
Benzo(a)pyrene
Concen: 0.629 ng/ul
RT: 23.04 min Scan# 5322
Delta R.T. 0.00 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:252 Resp: 47300

Ion	Ratio	Lower	Upper
252	100		
253	32.0	19.0	28.6#
125	344.5	11.2	16.8#

Instrument :
BNA_N
ClientSampleId :
C0AF7DL

Manual Integrations APPROVED
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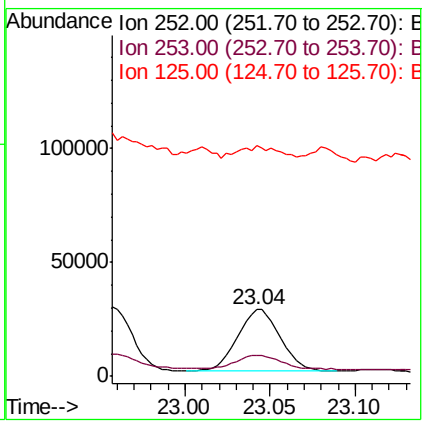
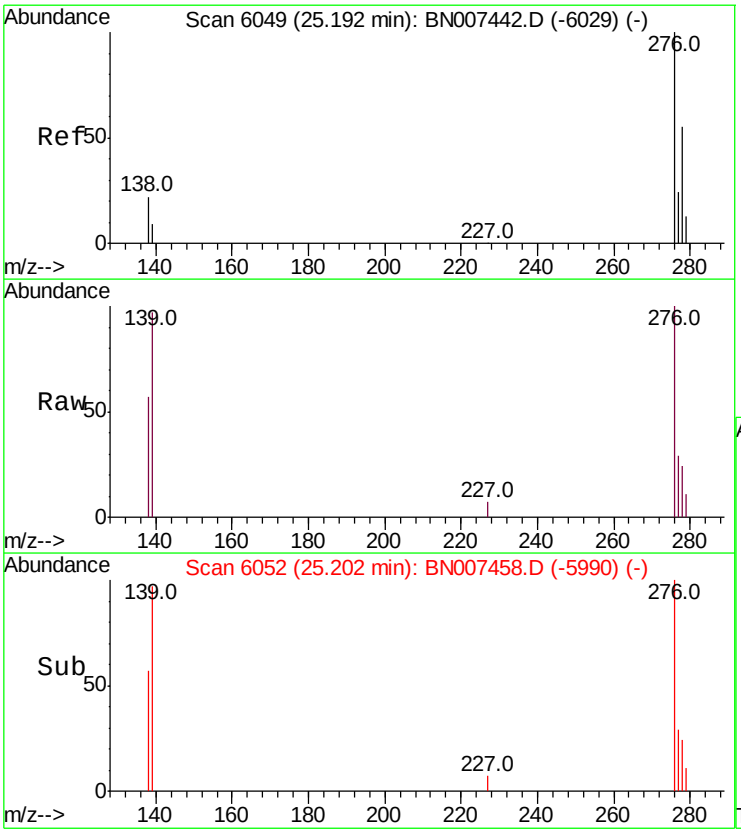
8/28/2019 8:00:16 AM

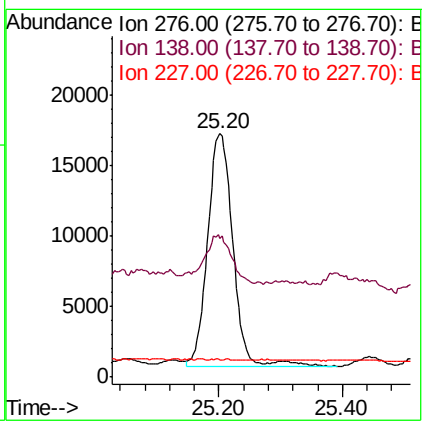


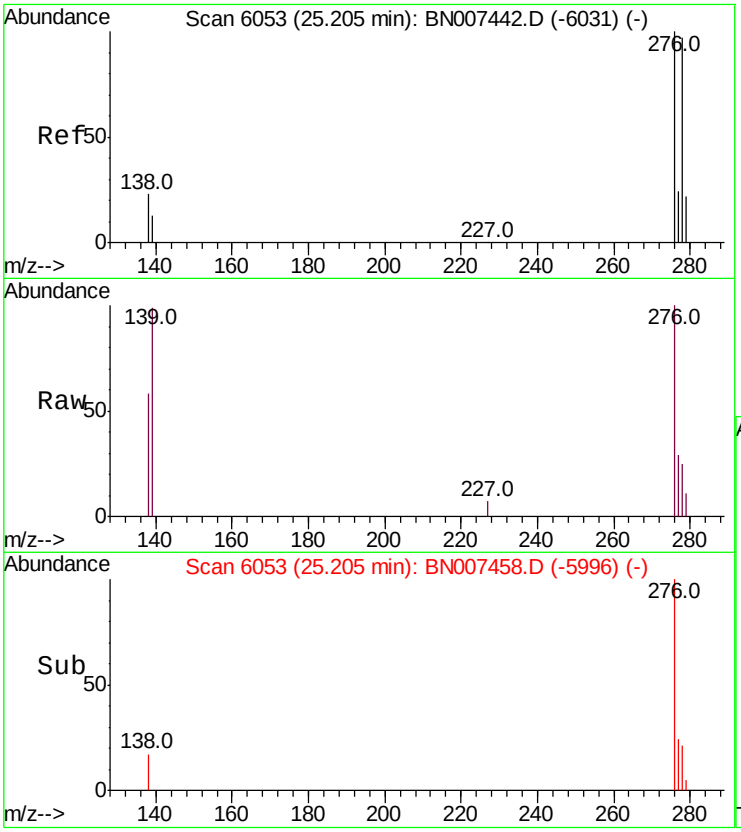


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.549 ng/ul
RT: 25.20 min Scan# 6052
Delta R.T. 0.01 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:276 Resp: 46215

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.7	29.5#
227	0.0	0.1	0.1#





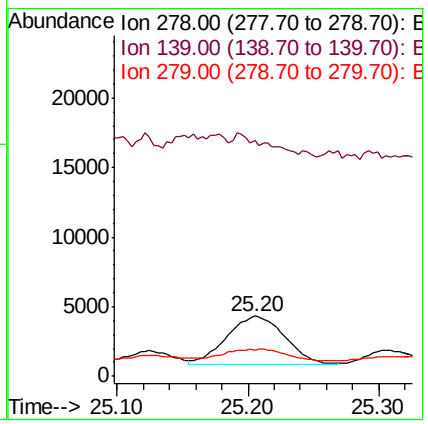
#25
Dibenzo(a,h)anthracene
Concen: 0.162 ng/ul
RT: 25.20 min Scan# 6053
Delta R.T. -0.01 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

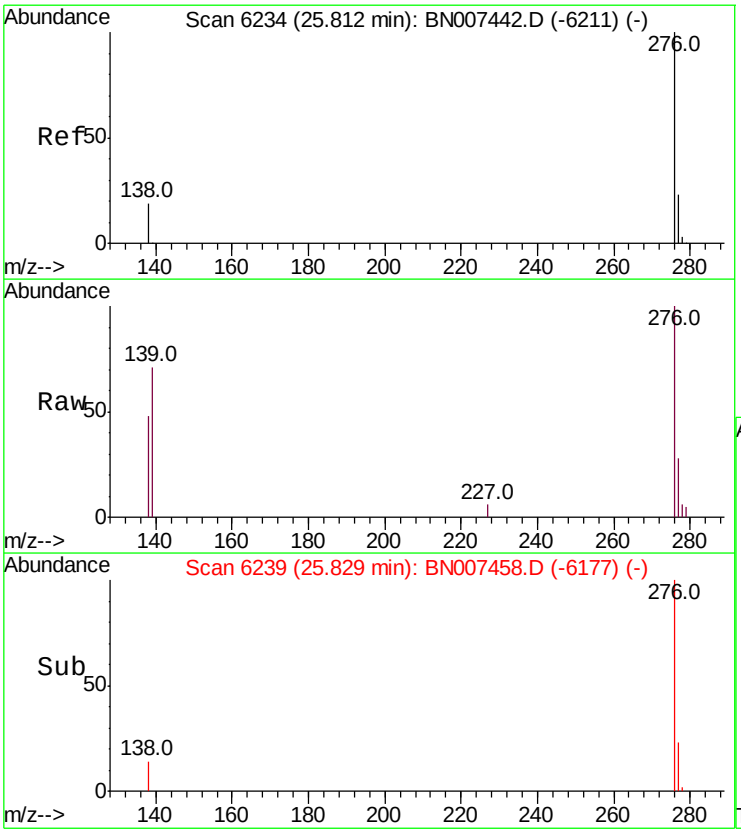
Tgt Ion:278 Resp: 10755

Ion	Ratio	Lower	Upper
278	100		
139	390.8	14.6	21.8#
279	44.2	19.8	29.8#

Instrument :
BNA_N
ClientSampleId :
C0AF7DL

Manual Integrations APPROVED
mohammad
8/28/2019 8:00:16 AM





#26
Benzo(g,h,i)perylene
Concen: 0.683 ng/ul
RT: 25.83 min Scan# 6239
Delta R.T. 0.01 min
Lab File: BN007458.D
Acq: 28 Aug 2019 06:53

Tgt Ion:276 Resp: 49051

Ion	Ratio	Lower	Upper
276	100		
138	47.7	17.1	25.7#
277	27.9	19.4	29.0