Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007443.D
Acq On : 27 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA0

Manual Integrations APPROVED
mohammad
8/28/2019 7:47:59 AM

Quant Time: Aug 28 00:14:55 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	5394	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	22856	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	13112	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	26316m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	21732m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	26451	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	15316	0.43	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	36446m	0.43	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	17960	0.278	ng/ul	98
5) 2-Methylnaphthalene	11.83	142	4901	0.113	ng/ul	97
7) Acenaphthylene	13.76	152	23850	0.327	ng/ul	99
8) Acenaphthene	14.11	153	100321	1.914	ng/ul	98
9) Fluorene	15.11	166	47815	0.843	ng/ul	95
11) Pentachlorophenol	16.46	266	102414m	17.275	ng/ul	
12) Phenanthrene	16.84	178	38919m	0.474	ng/ul	
13) Anthracene	16.93	178	117005m	1.512	ng/ul	
15) Fluoranthene	18.87	202	130499m	1.187	ng/ul	
17) Pyrene	19.24	202	94848m	0.892	ng/ul	
18) Benzo(a)anthracene	21.01	228	61427m	0.632	ng/ul	
19) Chrysene	21.05	228	75284m	0.722	ng/ul	
21) Benzo(b)fluoranthene	22.51	252	137188m	1.187	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	40374m	0.334	ng/ul	
23) Benzo(a)pyrene	23.03	252	66250	0.575	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.18	276	62690	0.486	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	14604	0.143	ng/ul#	84
26) Benzo(g,h,i)perylene	25.81	276	59853	0.544	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007443.D
Acq On : 27 Aug 2019 21:53
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Sample : K4337-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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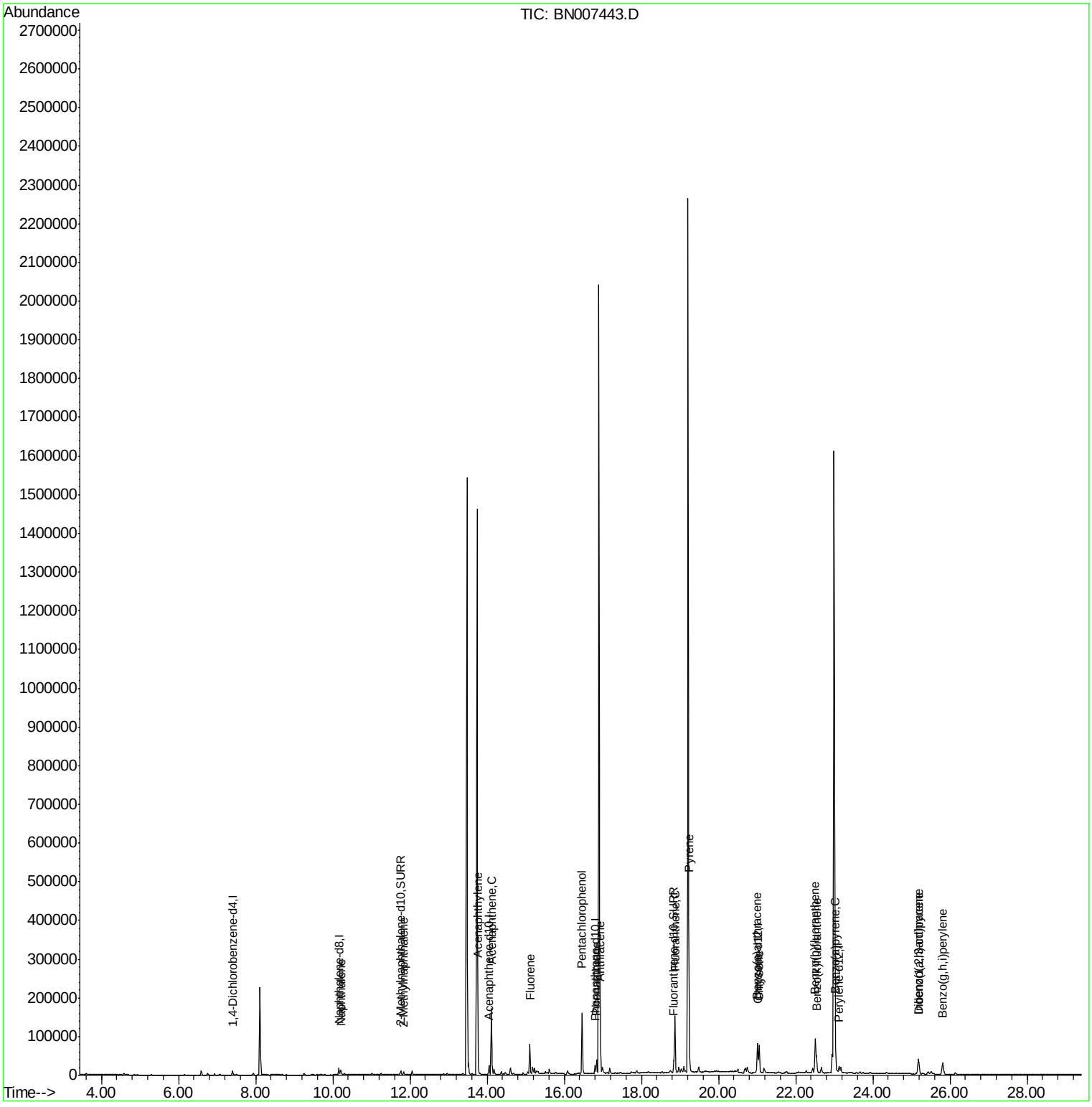
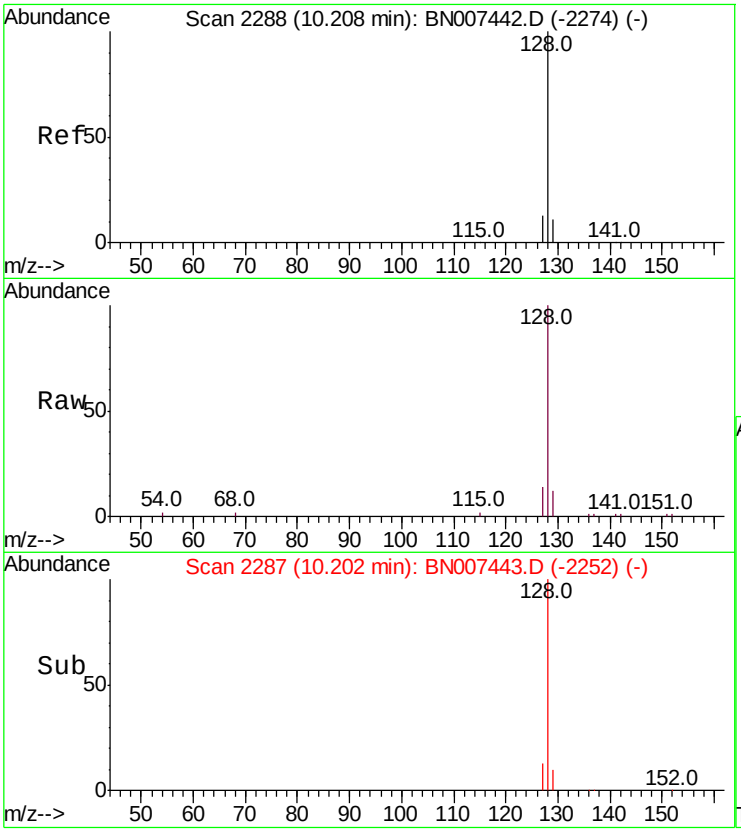
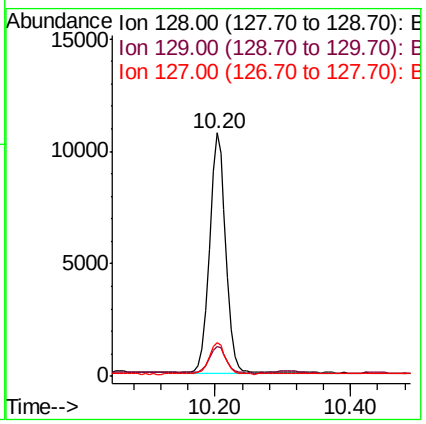




#3
Naphthalene
Concen: 0.278 ng/ul
RT: 10.20 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:128 Resp: 17960

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	13.7	10.4	15.6



Instrument :
BNA_N
ClientSampleId :
C0AA0

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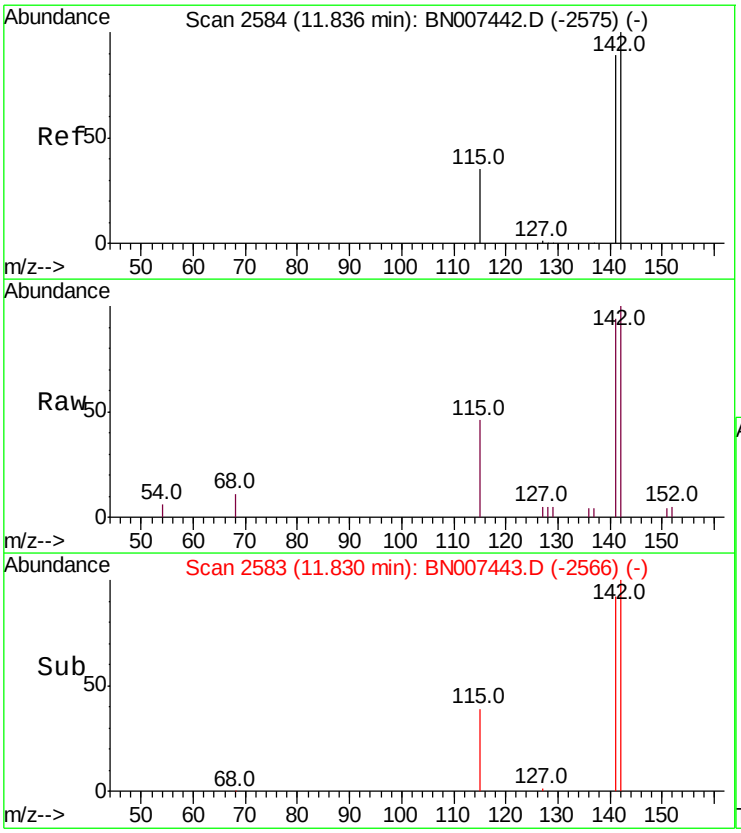
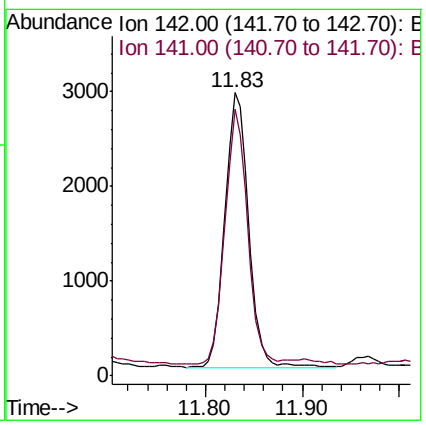
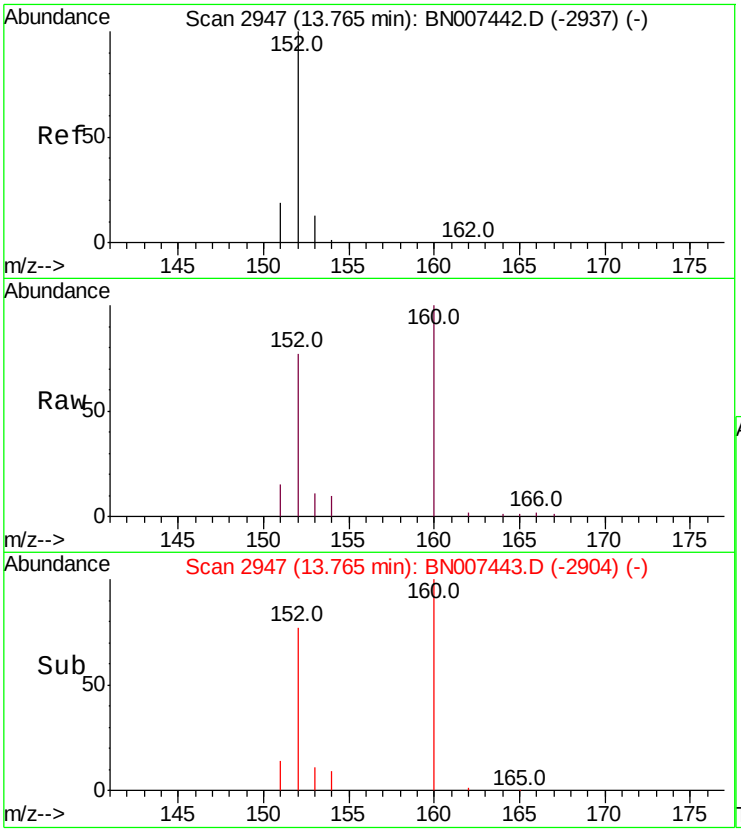


#5
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 11.83 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:142 Resp: 4901

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.7	107.5

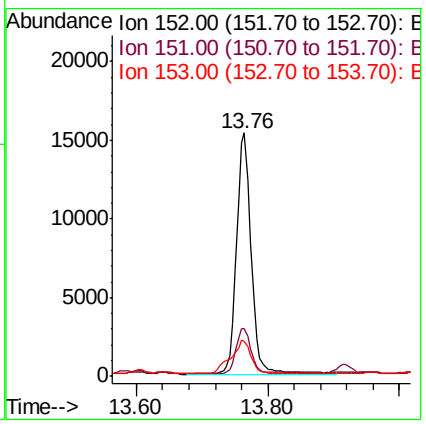




#7
Acenaphthylene
Concen: 0.327 ng/ul
RT: 13.76 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:152 Resp: 23850

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	14.6	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AA0

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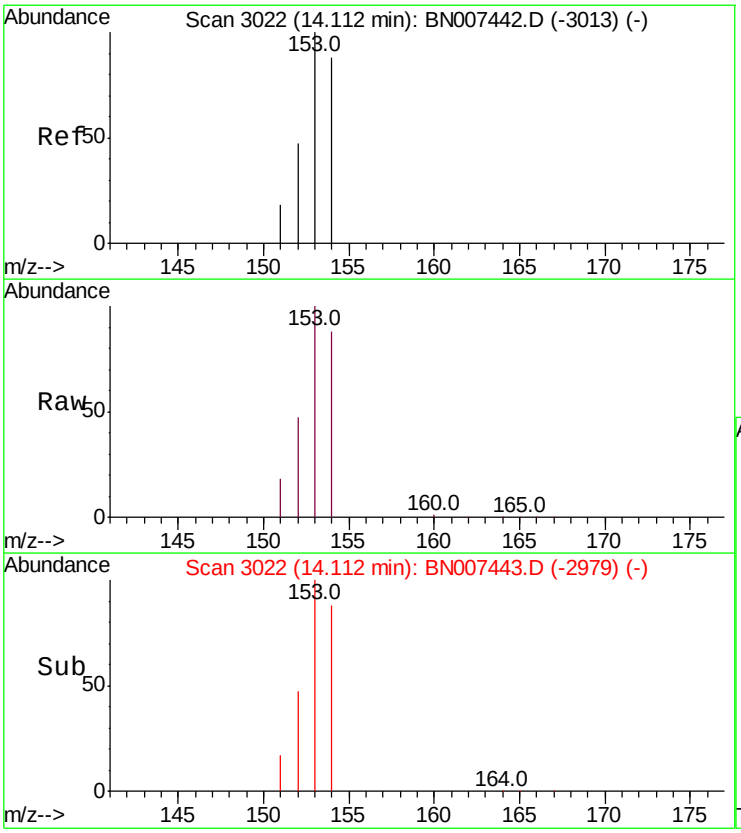
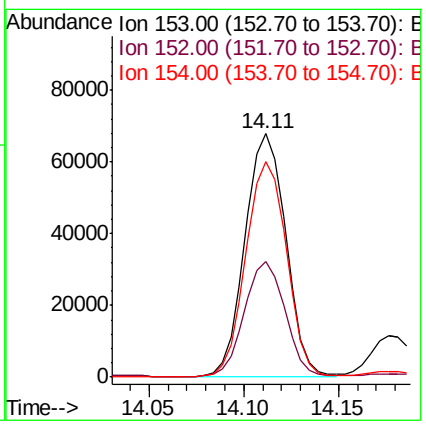
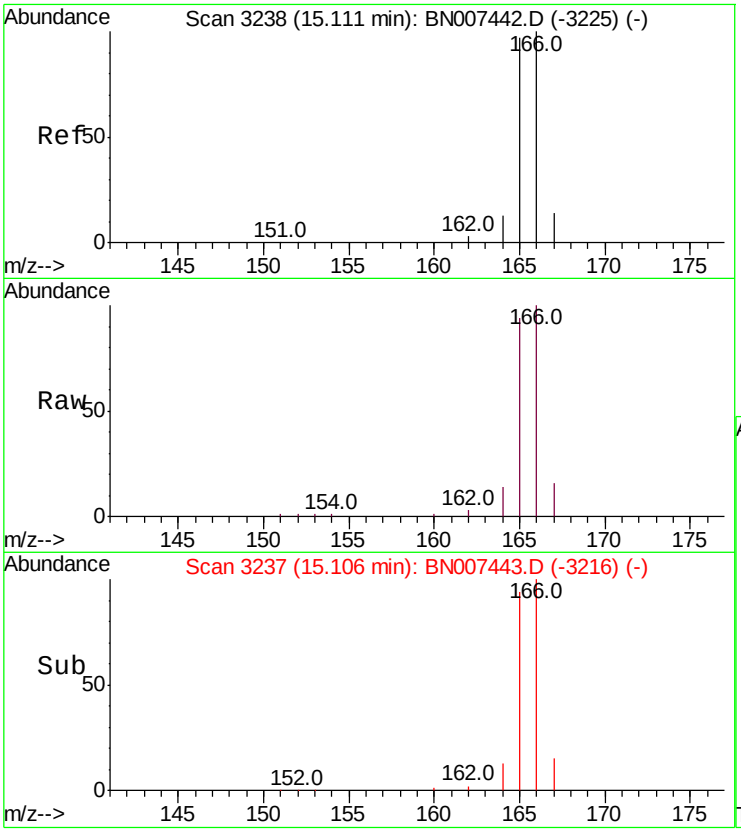


#8
Acenaphthene
Concen: 1.914 ng/ul
RT: 14.11 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:153 Resp: 100321

Ion	Ratio	Lower	Upper
153	100		
152	47.3	39.1	58.7
154	88.4	69.4	104.2





#9
Fluorene
Concen: 0.843 ng/ul
RT: 15.11 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:166 Resp: 47815

Ion	Ratio	Lower	Upper
166	100		
165	94.4	79.6	119.4
167	16.2	11.7	17.5

Instrument :
BNA_N
ClientSampleId :
C0AA0

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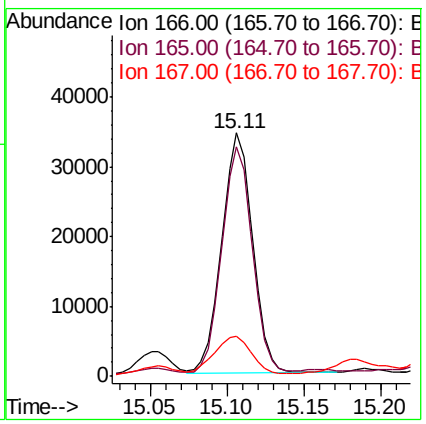
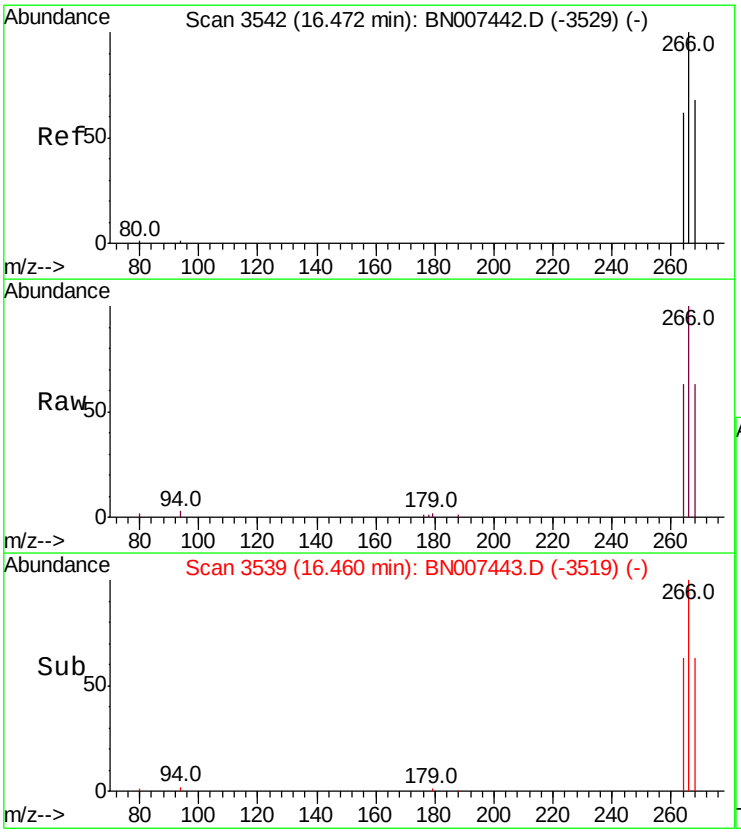
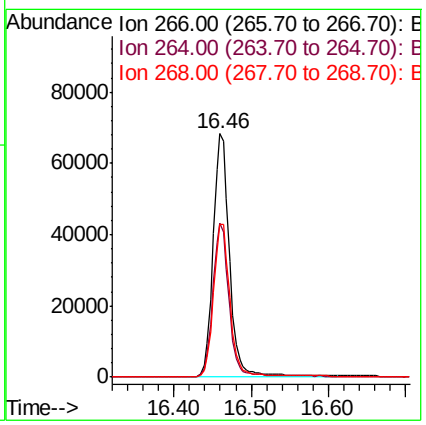


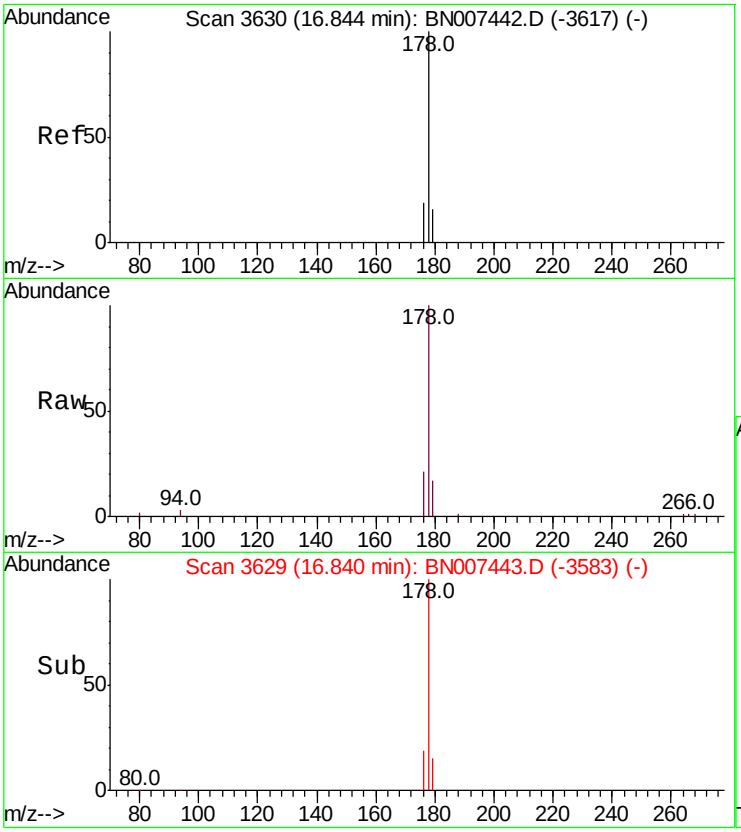


#11
Pentachlorophenol
Concen: 17.275 ng/ul m
RT: 16.46 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:266 Resp: 102414

Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.0	73.6#
268	0.0	50.2	75.2#

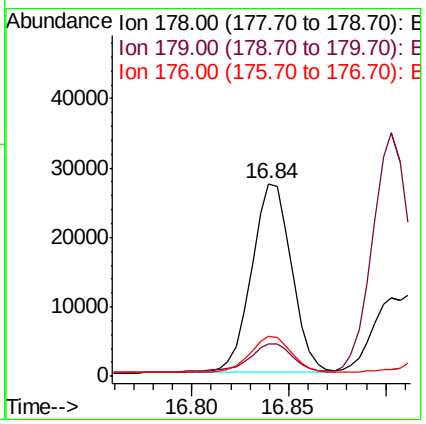




#12
Phenanthrene
Concen: 0.474 ng/ul m
RT: 16.84 min Scan# 3629
Delta R.T. -0.00 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:178 Resp: 38919

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	20.6	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
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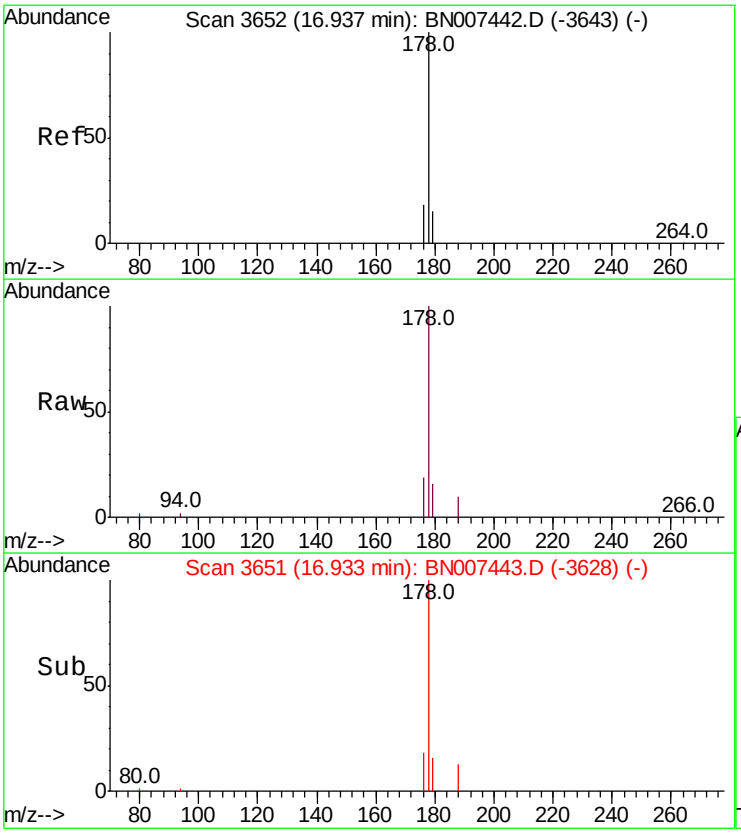
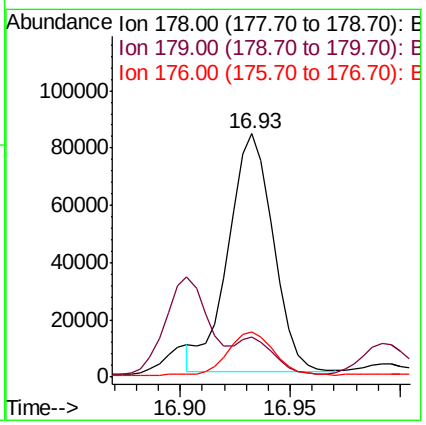
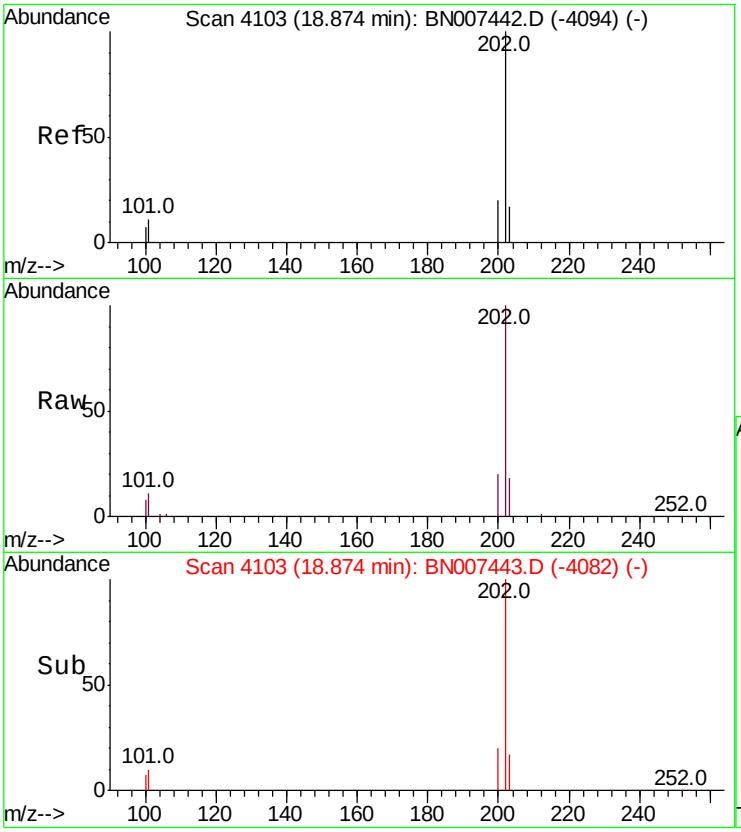


#13
Anthracene
Concen: 1.512 ng/ul m
RT: 16.93 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:178 Resp: 117005

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	18.8	14.6	21.8

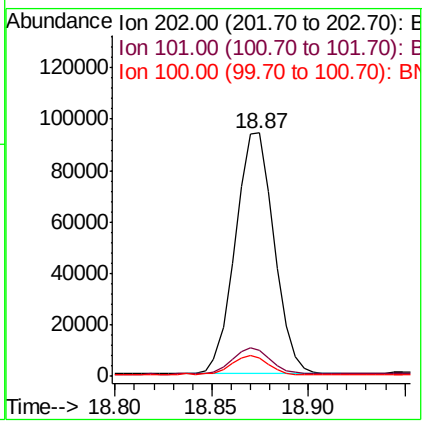




#15
Fluoranthene
Concen: 1.187 ng/ul m
RT: 18.87 min Scan# 4103
Delta R.T. -0.00 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:202 Resp: 130499

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.3
100	7.6	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
C0AA0

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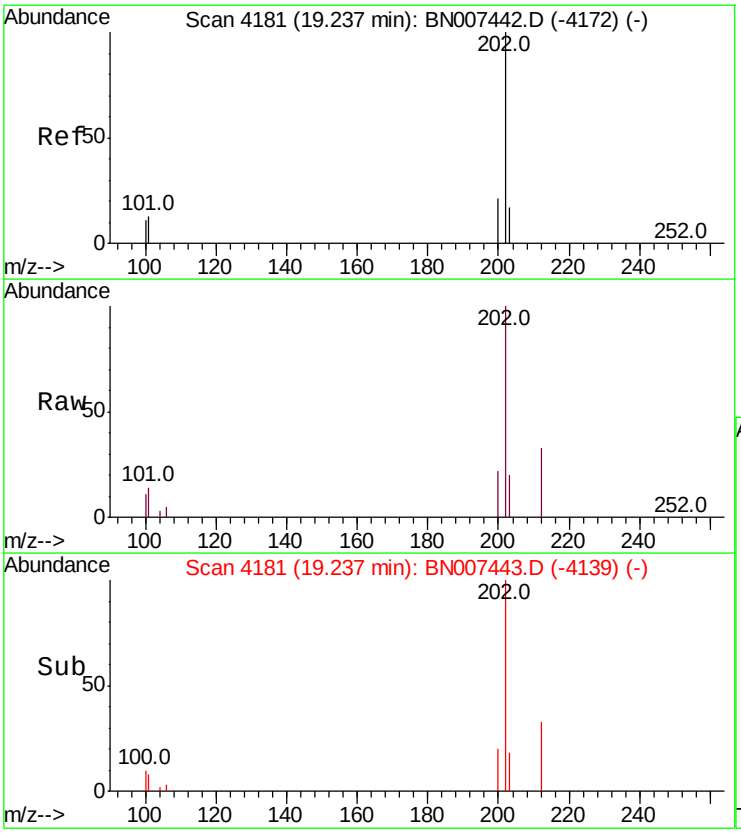
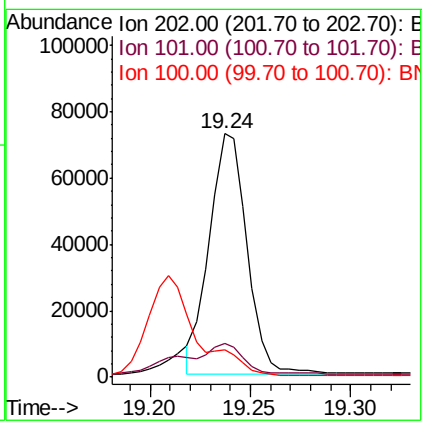
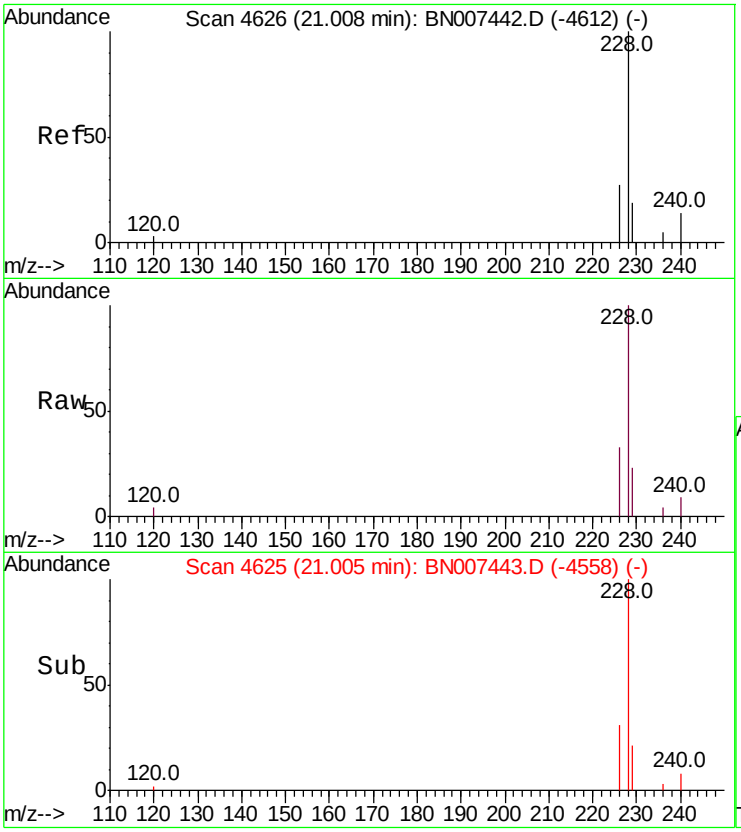


#17
Pyrene
Concen: 0.892 ng/ul m
RT: 19.24 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:202 Resp: 94848

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.7	16.1
100	11.1	8.6	12.8

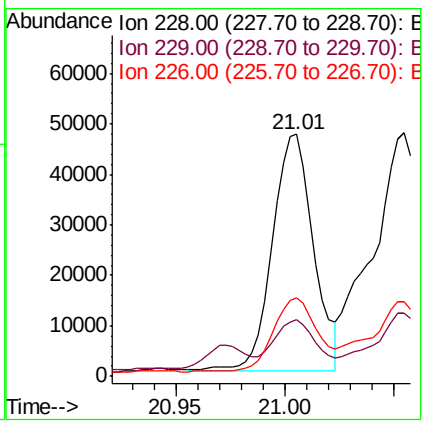




#18
Benzo(a)anthracene
Concen: 0.632 ng/ul m
RT: 21.01 min Scan# 4625
Delta R.T. -0.00 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:228 Resp: 61427

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.4	23.2#
226	32.5	22.0	33.0



Instrument :
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ClientSampleId :
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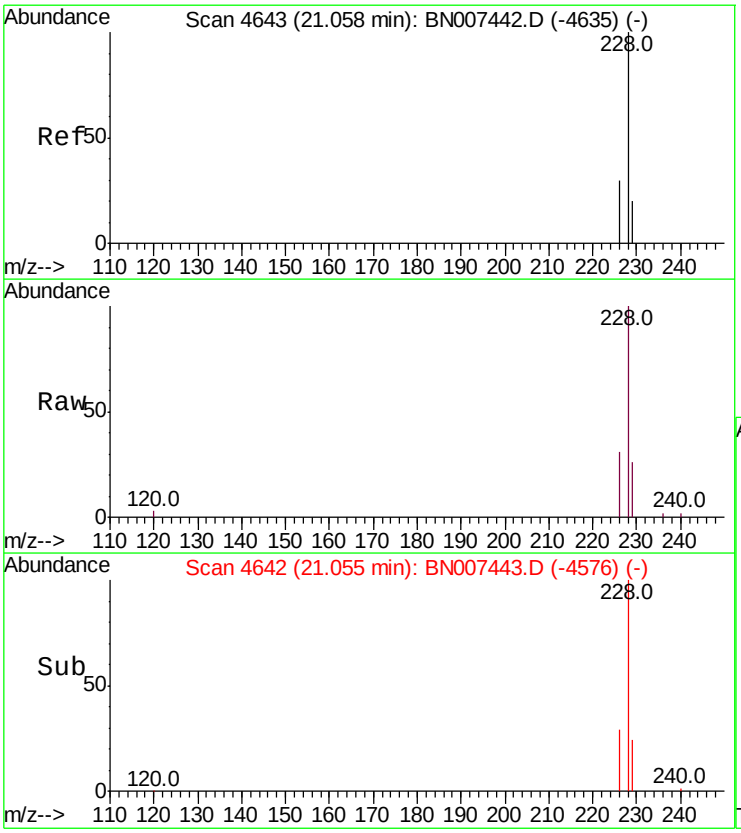
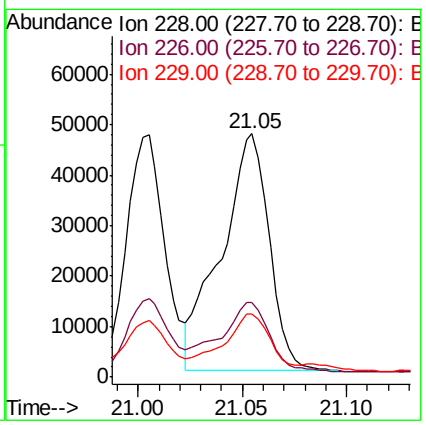
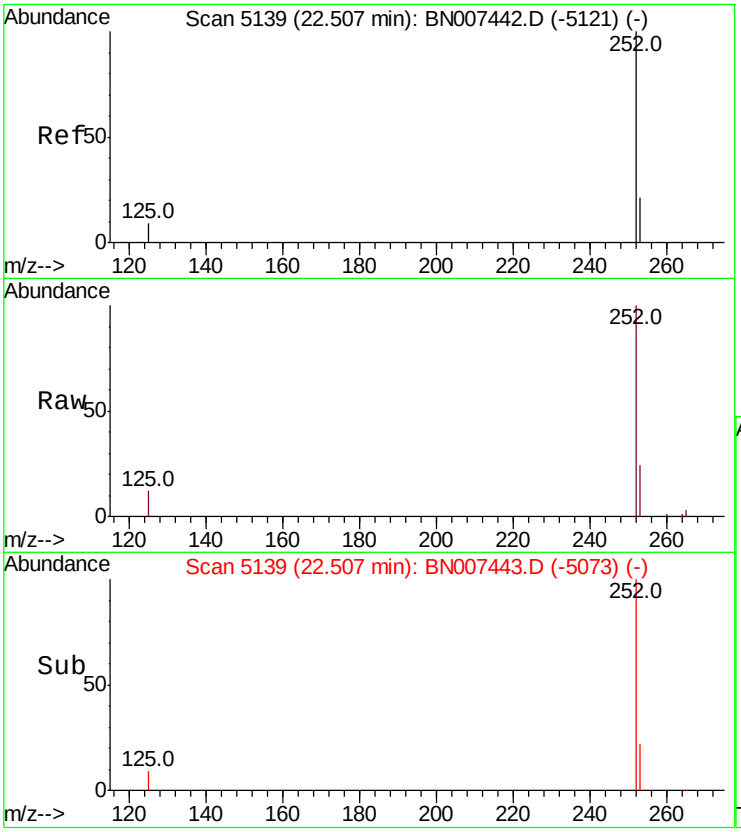


#19
Chrysene
Concen: 0.722 ng/ul m
RT: 21.05 min Scan# 4642
Delta R.T. -0.01 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:228 Resp: 75284

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	25.9	16.1	24.1#

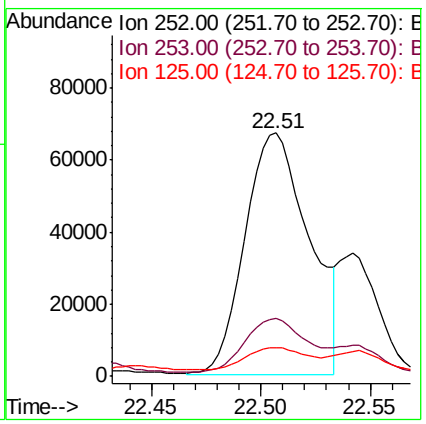




#21
Benzo(b)fluoranthene
Concen: 1.187 ng/ul m
RT: 22.51 min Scan# 5139
Delta R.T. -0.01 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:252 Resp: 137188

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	47.0
125	11.8	0.0	24.8



Instrument :
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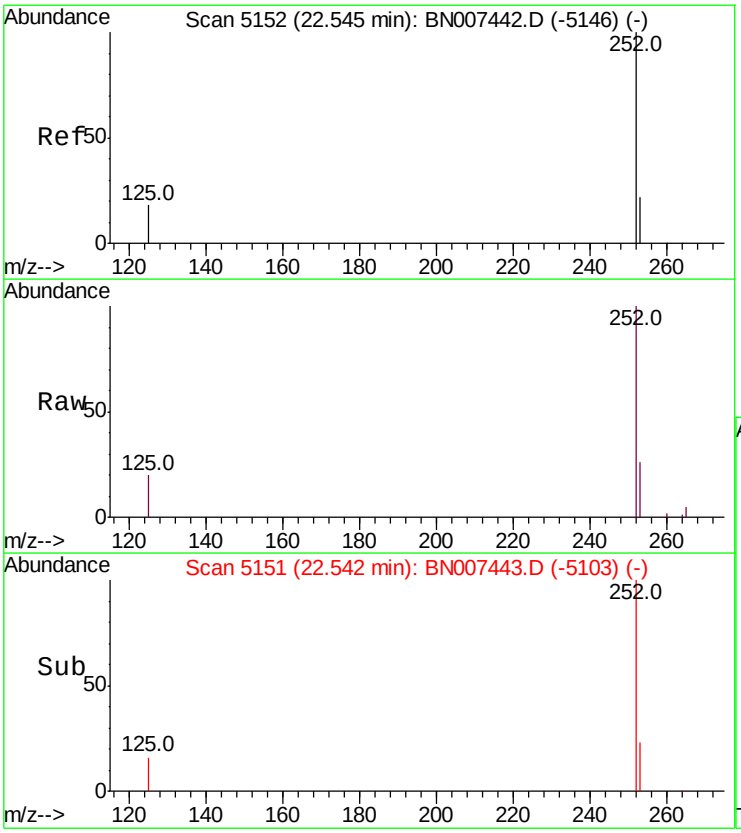
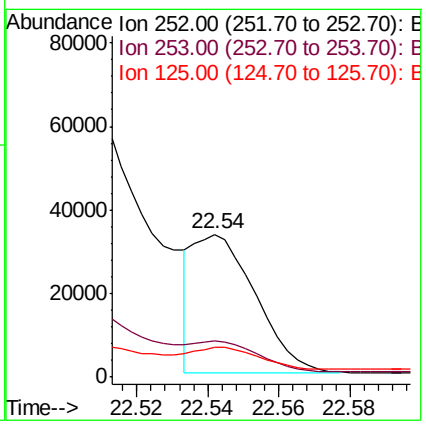
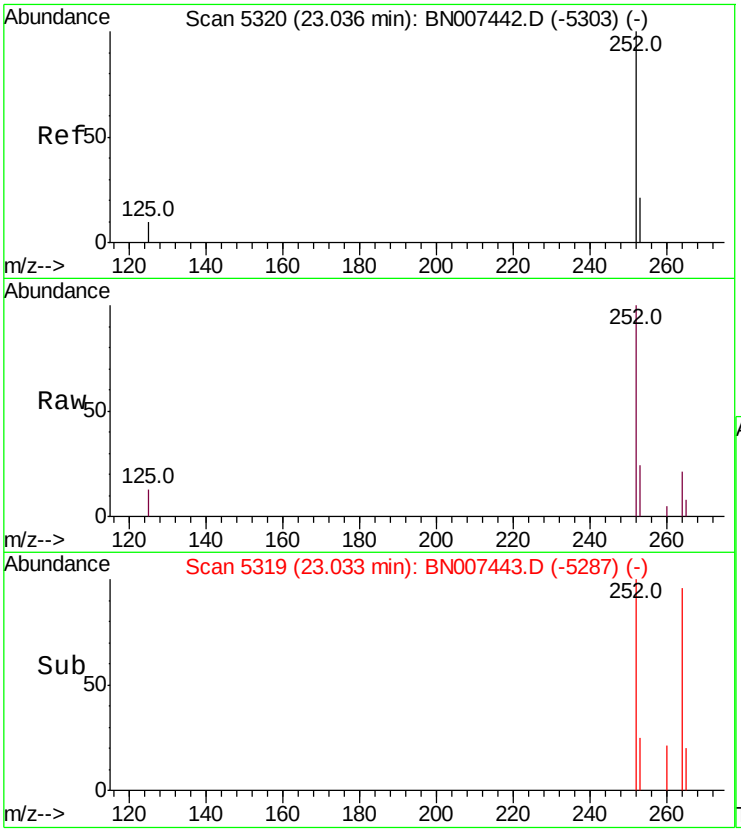


#22
Benzo(k)fluoranthene
Concen: 0.334 ng/ul m
RT: 22.54 min Scan# 5151
Delta R.T. -0.01 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:252 Resp: 40374

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.7	28.1
125	20.5	12.4	18.6#

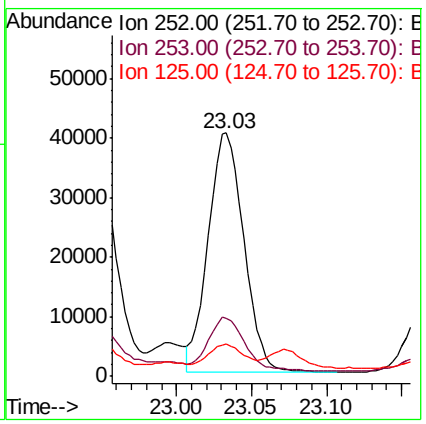




#23
Benzo(a)pyrene
Concen: 0.575 ng/ul
RT: 23.03 min Scan# 5319
Delta R.T. -0.01 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:252 Resp: 66250

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.6
125	13.3	11.2	16.8



Instrument :
BNA_N
ClientSampleId :
C0AA0

Manual Integrations APPROVED
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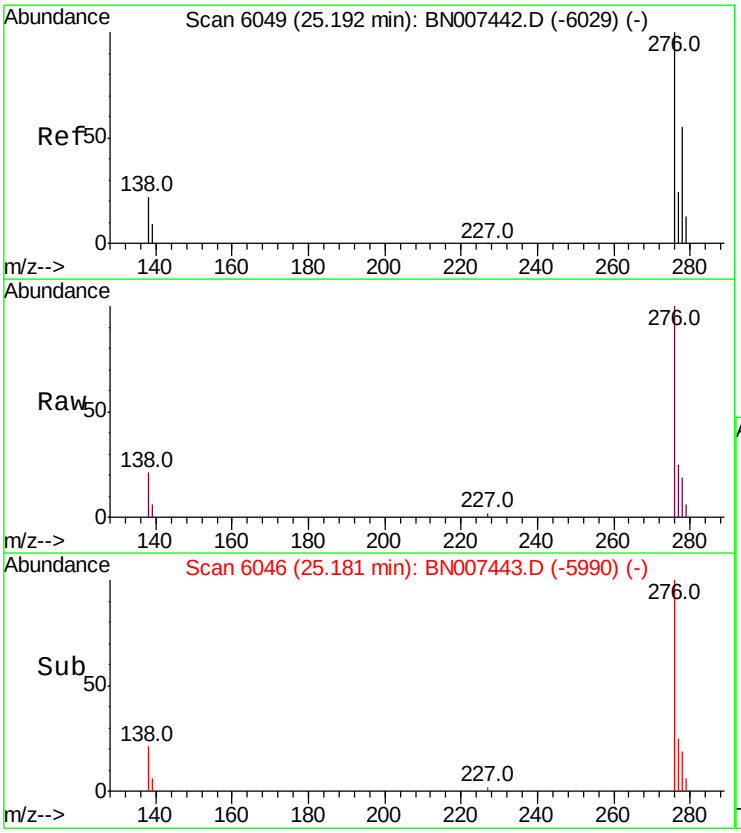
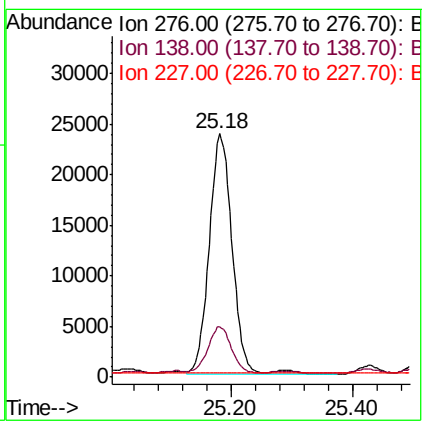
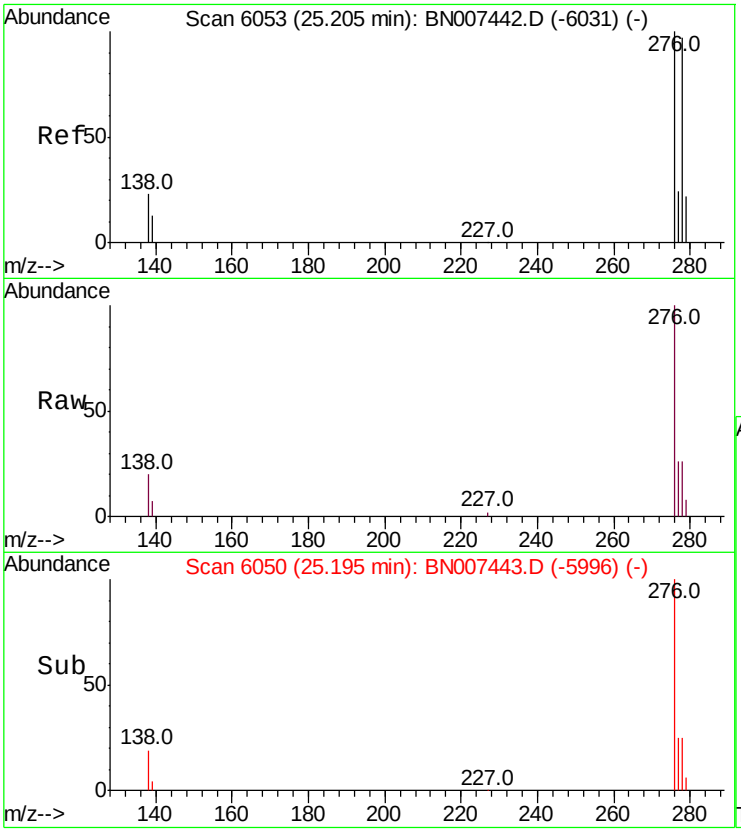


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.486 ng/ul
RT: 25.18 min Scan# 6046
Delta R.T. -0.01 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:276 Resp: 62690

Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.7	29.5
227	0.0	0.1	0.1#





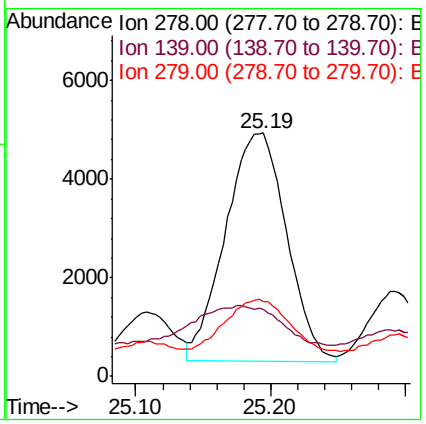
#25
Dibenzo(a,h)anthracene
Concen: 0.143 ng/ul
RT: 25.19 min Scan# 6050
Delta R.T. -0.02 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

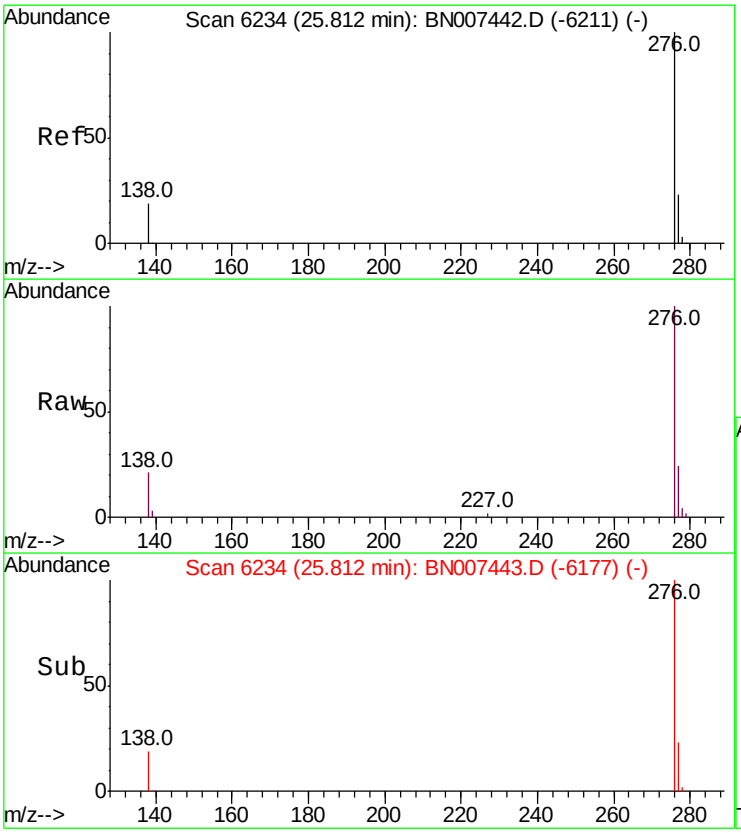
Tgt Ion:278 Resp: 14604

Ion	Ratio	Lower	Upper
278	100		
139	27.4	14.6	21.8#
279	30.7	19.8	29.8#

Instrument :
BNA_N
ClientSampleId :
C0AA0

Manual Integrations APPROVED
mohammad
8/28/2019 7:47:59 AM





#26
Benzo(g,h,i)perylene
Concen: 0.544 ng/ul
RT: 25.81 min Scan# 6234
Delta R.T. -0.01 min
Lab File: BN007443.D
Acq: 27 Aug 2019 21:53

Tgt Ion:276 Resp: 59853

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.1	25.7
277	24.4	19.4	29.0