Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007445.D
Acq On : 27 Aug 2019 23:05
Operator : HP/JU
Sample : K4337-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:28:17 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

Instrument : BNA_N
ClientSampleId : C0AG0

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5246	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	21672	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	12460	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	25573m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	21400m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	23755	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	11444	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	28198m	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	823858	13.462	ng/ul	99
5) 2-Methylnaphthalene	11.83	142	8673	0.211	ng/ul	100
7) Acenaphthylene	13.76	152	71310	1.029	ng/ul	98
8) Acenaphthene	14.11	153	1218589	24.462	ng/ul	98
9) Fluorene	15.11	166	750462	13.922	ng/ul	98
11) Pentachlorophenol	16.46	266	887m	0.154	ng/ul	
12) Phenanthrene	16.84	178	204964m	2.568	ng/ul	
13) Anthracene	16.93	178	140238m	1.865	ng/ul	
15) Fluoranthene	18.87	202	565293m	5.293	ng/ul	
17) Pyrene	19.24	202	353450	3.376	ng/ul	98
18) Benzo(a)anthracene	21.00	228	177048m	1.850	ng/ul	
19) Chrysene	21.05	228	286193	2.786	ng/ul	99
21) Benzo(b)fluoranthene	22.50	252	308350m	2.971	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	100827m	0.929	ng/ul	
23) Benzo(a)pyrene	23.03	252	217465m	2.103	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.18	276	137444	1.187	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.19	278	31961	0.349	ng/ul	96
26) Benzo(g,h,i)perylene	25.80	276	134476	1.360	ng/ul	99

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

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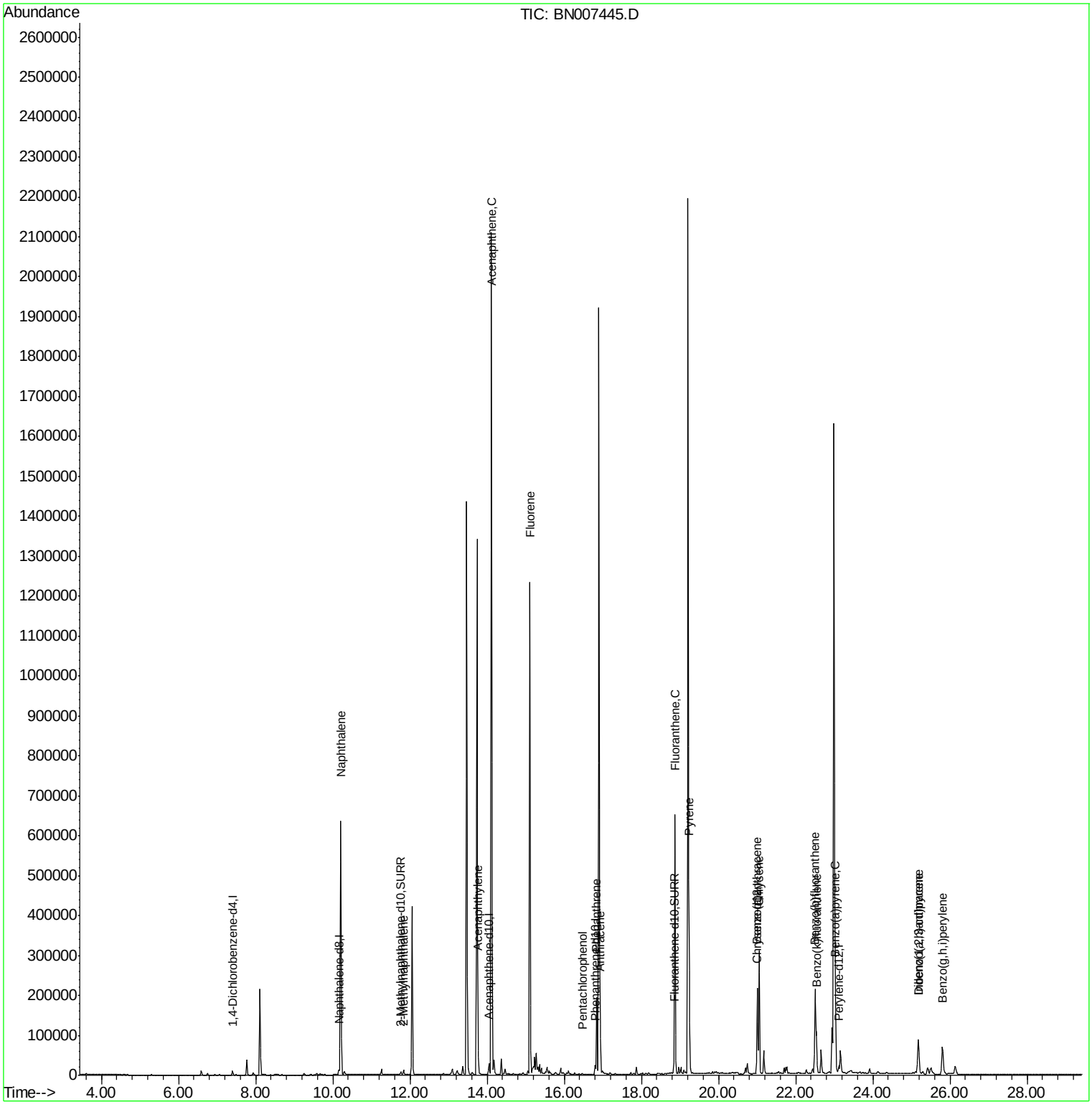
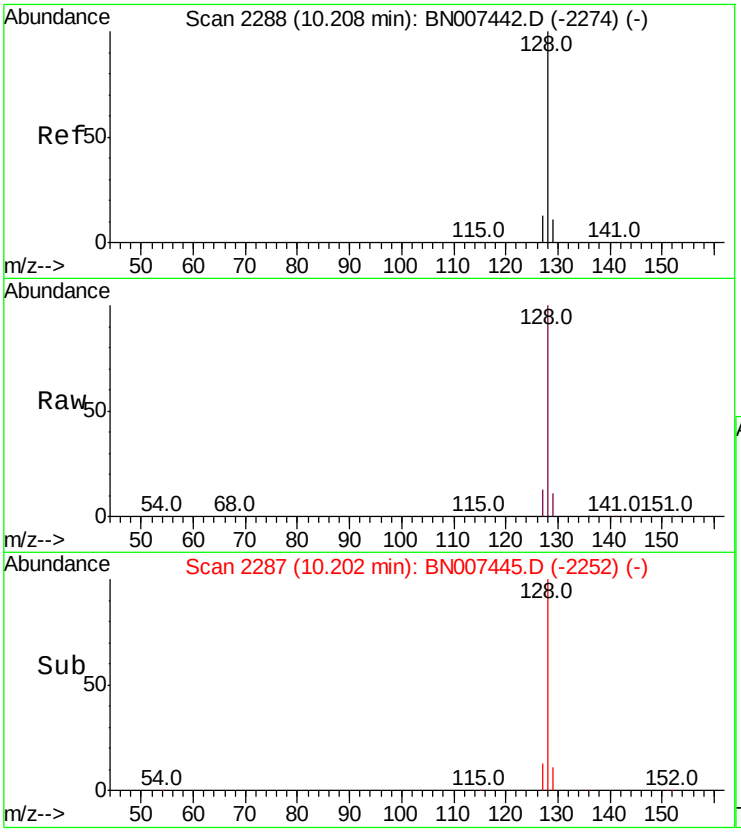
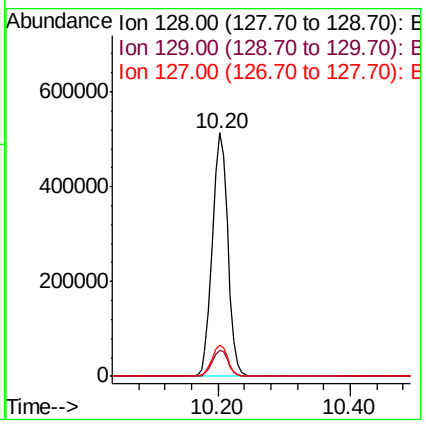




#3
Naphthalene
Concen: 13.462 ng/ul
RT: 10.20 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:128 Resp: 823858

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	13.0	10.4	15.6



Instrument :
BNA_N
ClientSampleId :
C0AG0

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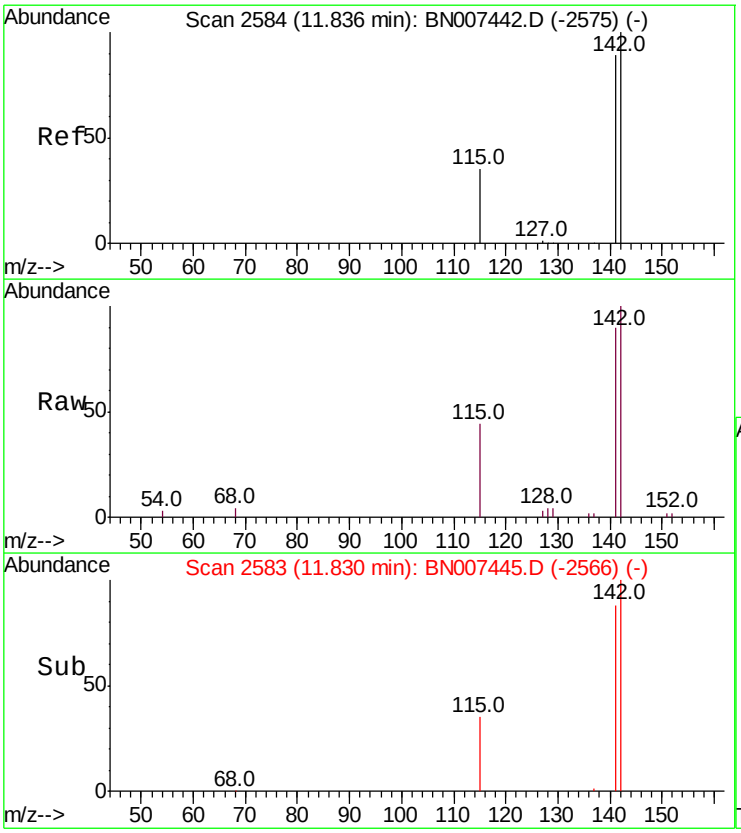
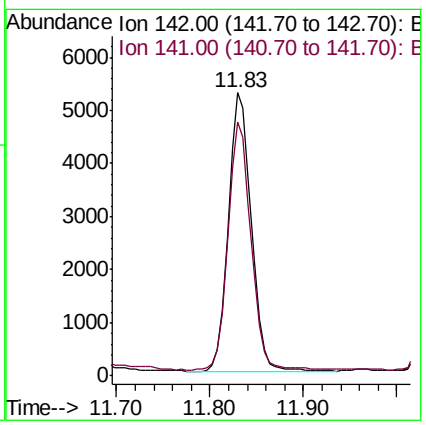
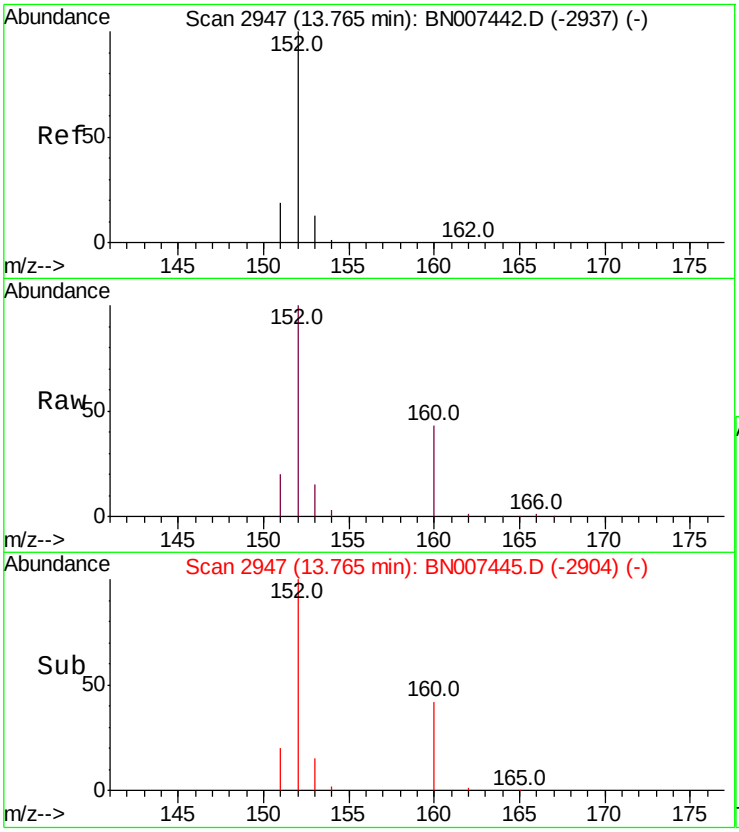


#5
2-Methylnaphthalene
Concen: 0.211 ng/ul
RT: 11.83 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:142 Resp: 8673

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.7	107.5

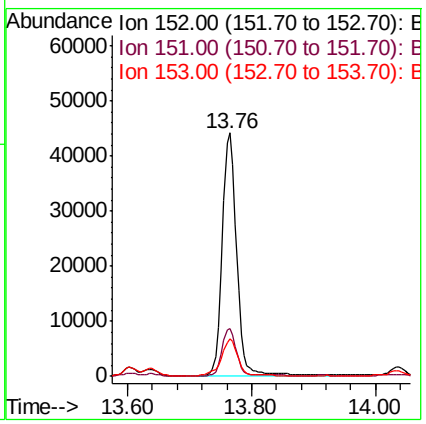




#7
Acenaphthylene
Concen: 1.029 ng/ul
RT: 13.76 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:152 Resp: 71310

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	15.4	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AG0

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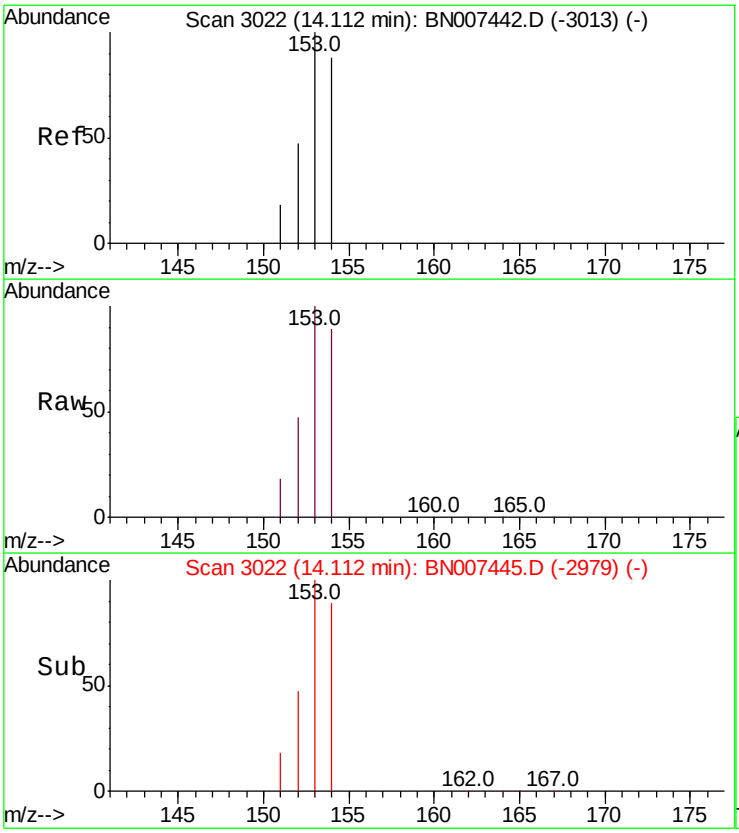
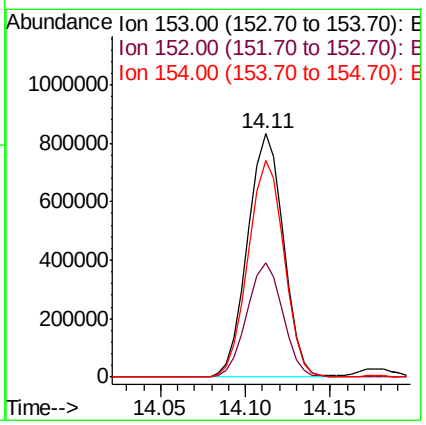
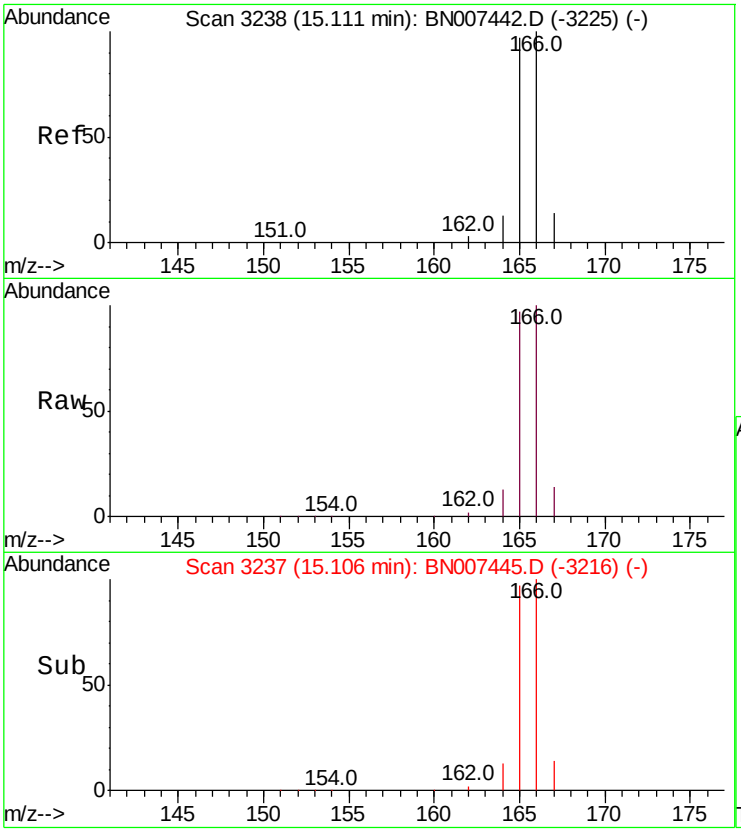


#8
Acenaphthene
Concen: 24.462 ng/ul
RT: 14.11 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:153 Resp: 1218589

Ion	Ratio	Lower	Upper
153	100		
152	46.9	39.1	58.7
154	88.8	69.4	104.2

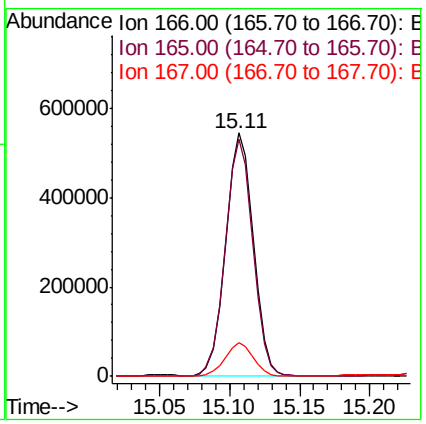




#9
Fluorene
Concen: 13.922 ng/ul
RT: 15.11 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:166 Resp: 750462

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.6	119.4
167	13.7	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
C0AG0

Manual Integrations APPROVED
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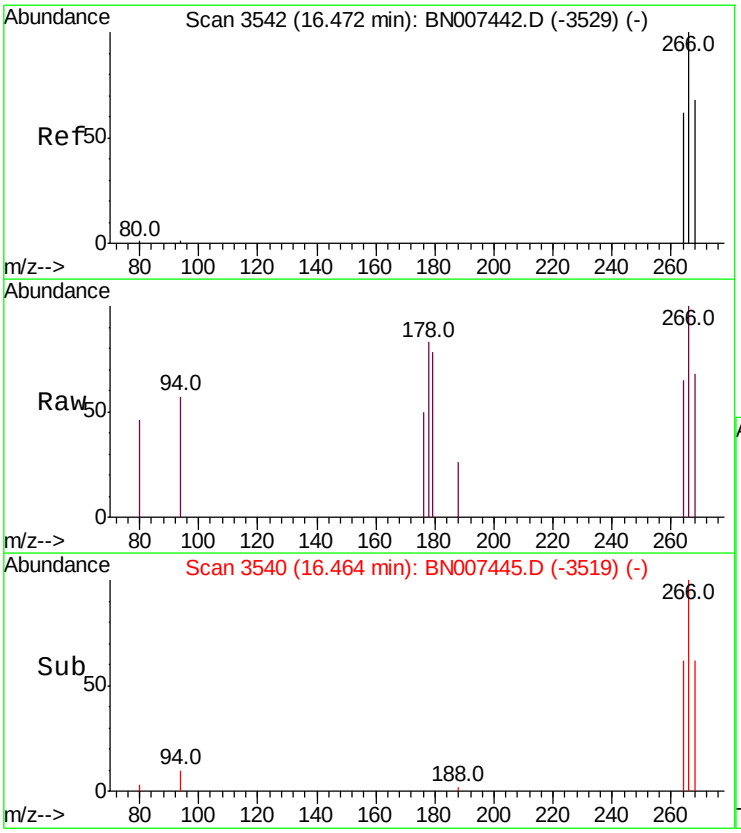
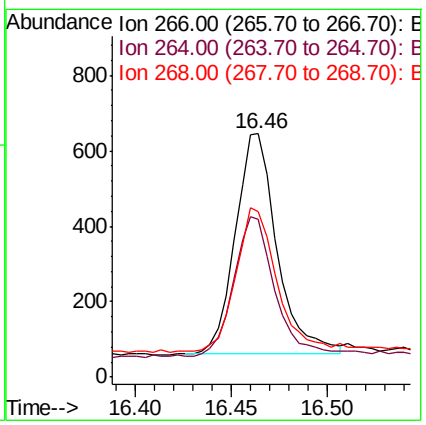
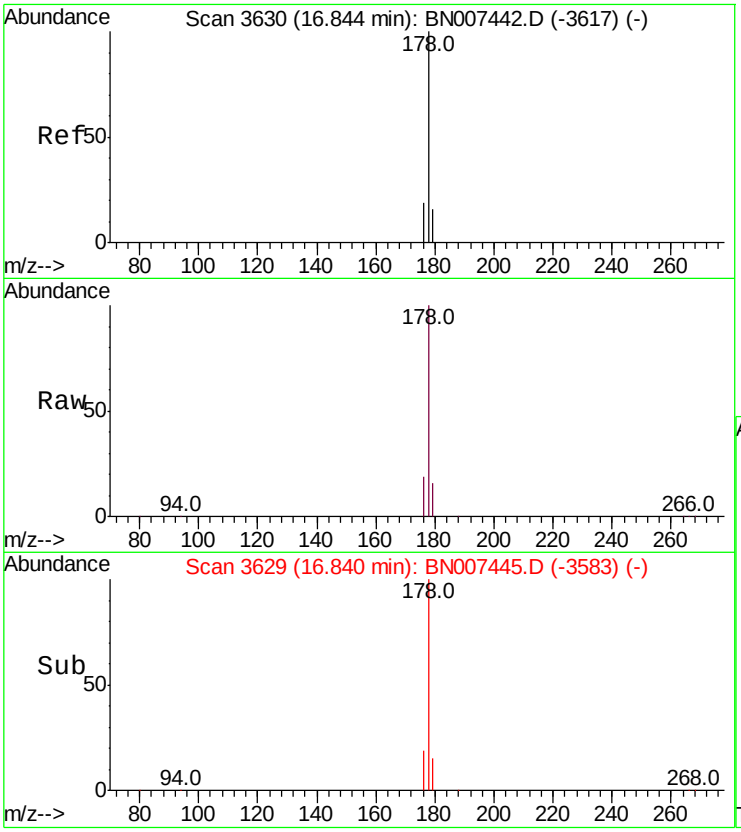


#11
Pentachlorophenol
Concen: 0.154 ng/ul m
RT: 16.46 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:266 Resp: 887

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

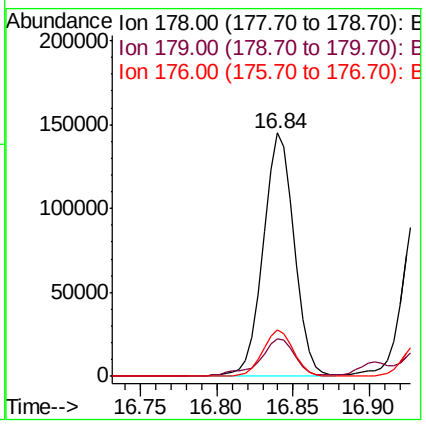




#12
Phenanthrene
Concen: 2.568 ng/ul m
RT: 16.84 min Scan# 3629
Delta R.T. -0.00 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:178 Resp: 204964

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.9	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
C0AG0

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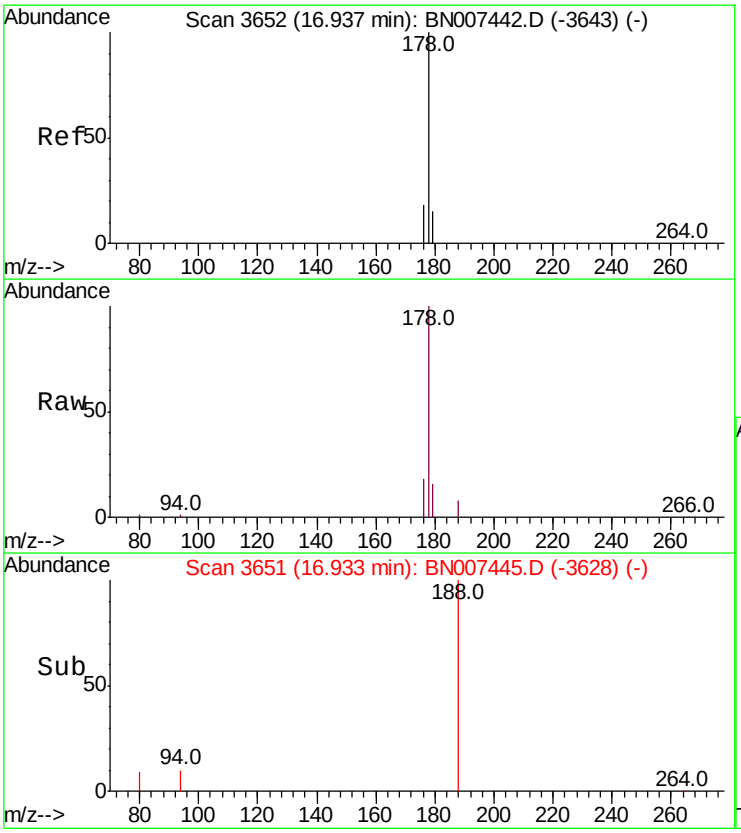
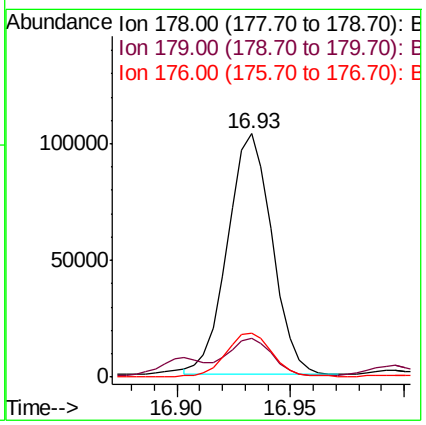
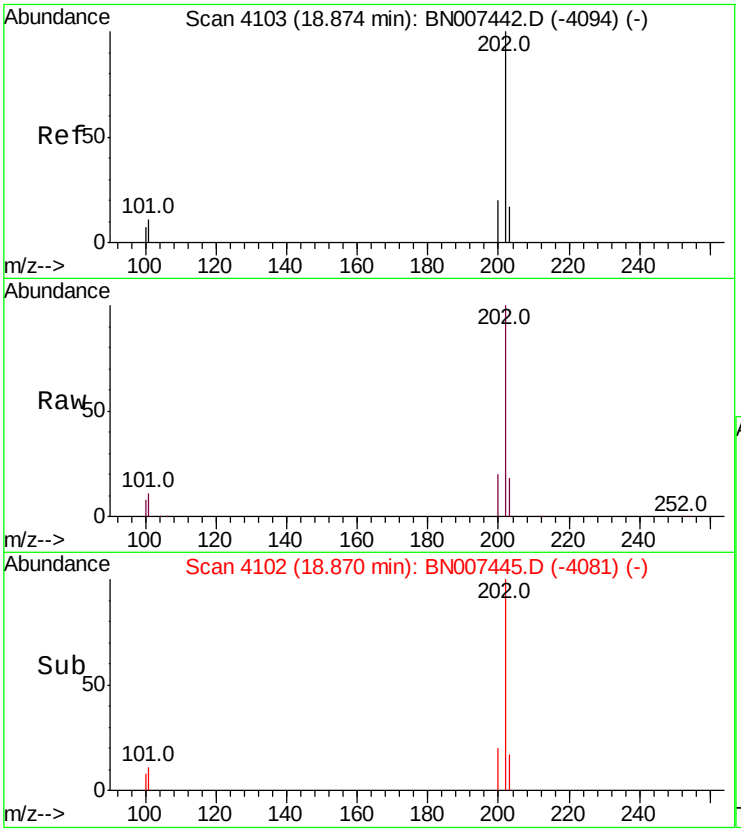


#13
Anthracene
Concen: 1.865 ng/ul m
RT: 16.93 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:178 Resp: 140238

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	18.2	14.6	21.8

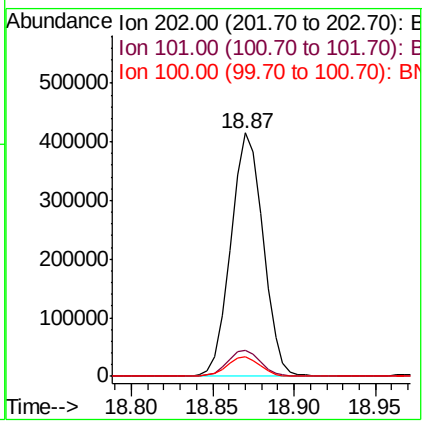




#15
Fluoranthene
Concen: 5.293 ng/ul m
RT: 18.87 min Scan# 4102
Delta R.T. -0.00 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:202 Resp: 565293

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.3
100	8.2	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
C0AG0

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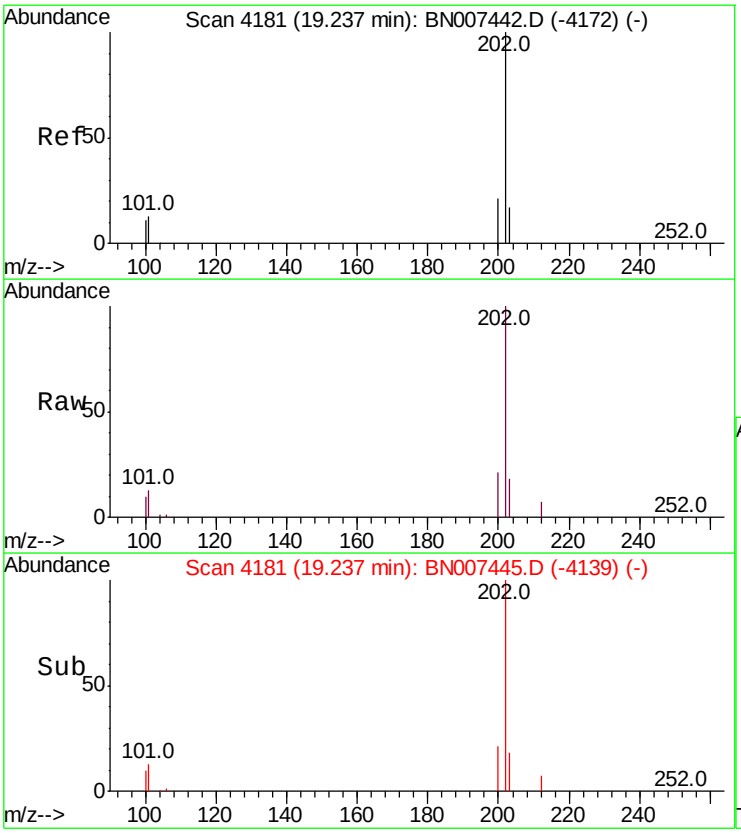
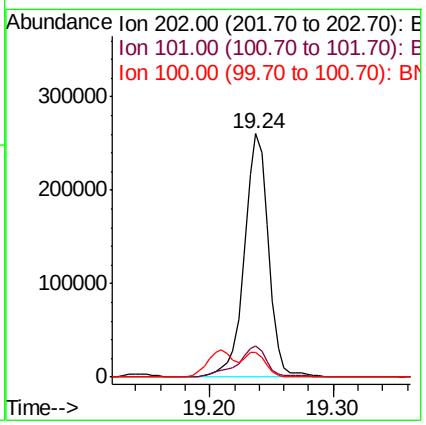
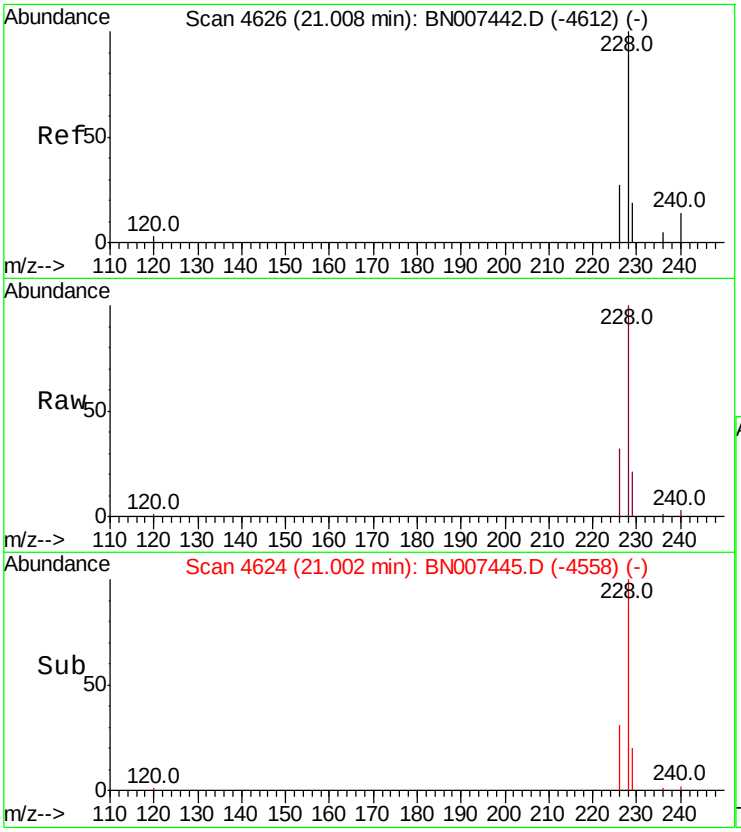


#17
Pyrene
Concen: 3.376 ng/ul
RT: 19.24 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:202 Resp: 353450

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.7	16.1
100	10.2	8.6	12.8

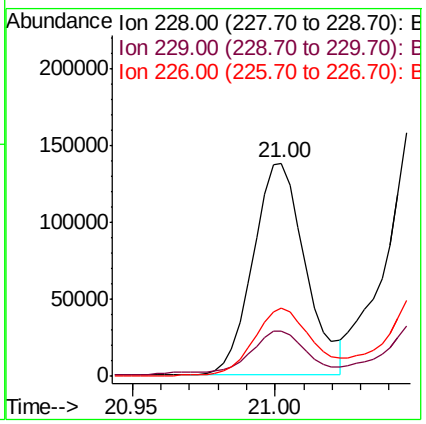




#18
Benzo(a)anthracene
Concen: 1.850 ng/ul m
RT: 21.00 min Scan# 4624
Delta R.T. -0.01 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:228 Resp: 177048

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.2
226	31.8	22.0	33.0



Instrument :
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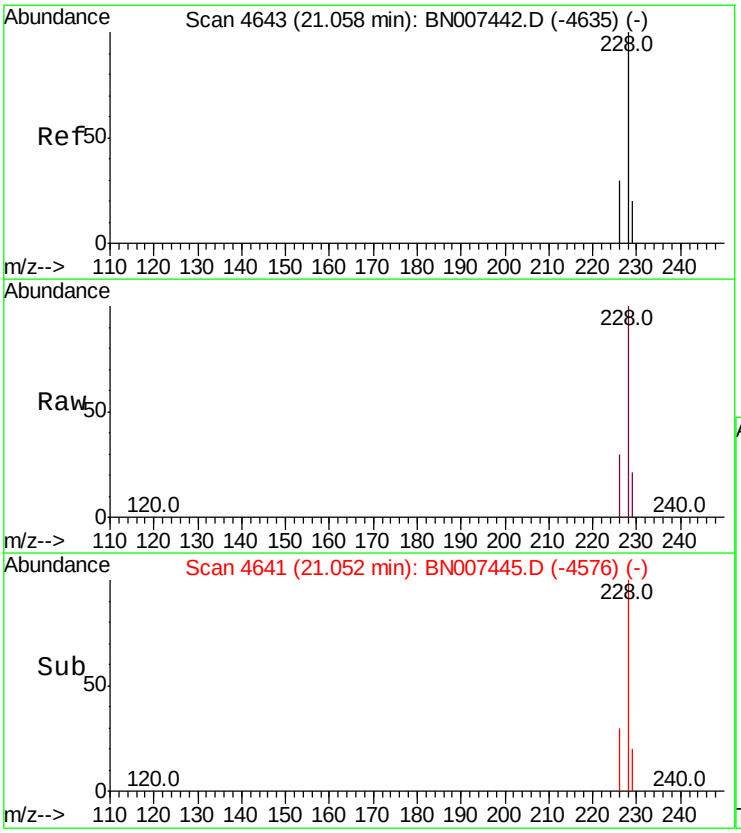
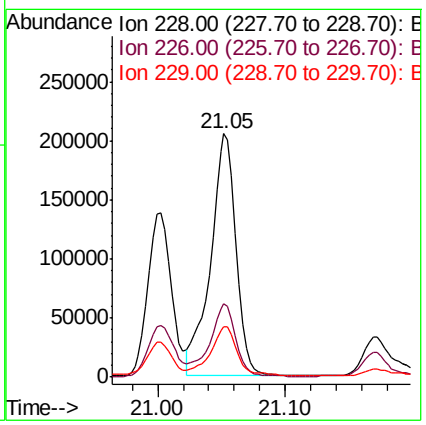
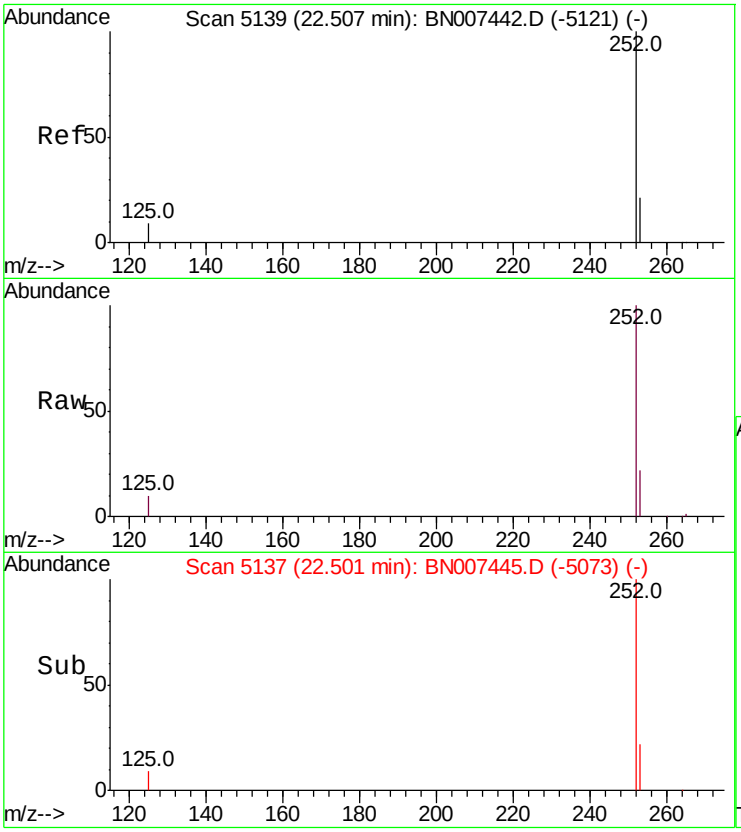


#19
Chrysene
Concen: 2.786 ng/ul
RT: 21.05 min Scan# 4641
Delta R.T. -0.01 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:228 Resp: 286193

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	20.7	16.1	24.1

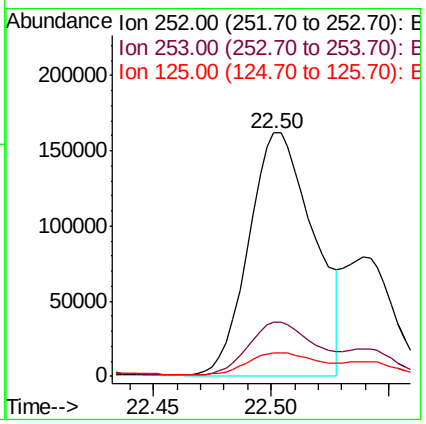




#21
Benzo(b)fluoranthene
Concen: 2.971 ng/ul m
RT: 22.50 min Scan# 5137
Delta R.T. -0.01 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:252 Resp: 308350

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	47.0
125	9.9	0.0	24.8



Instrument :
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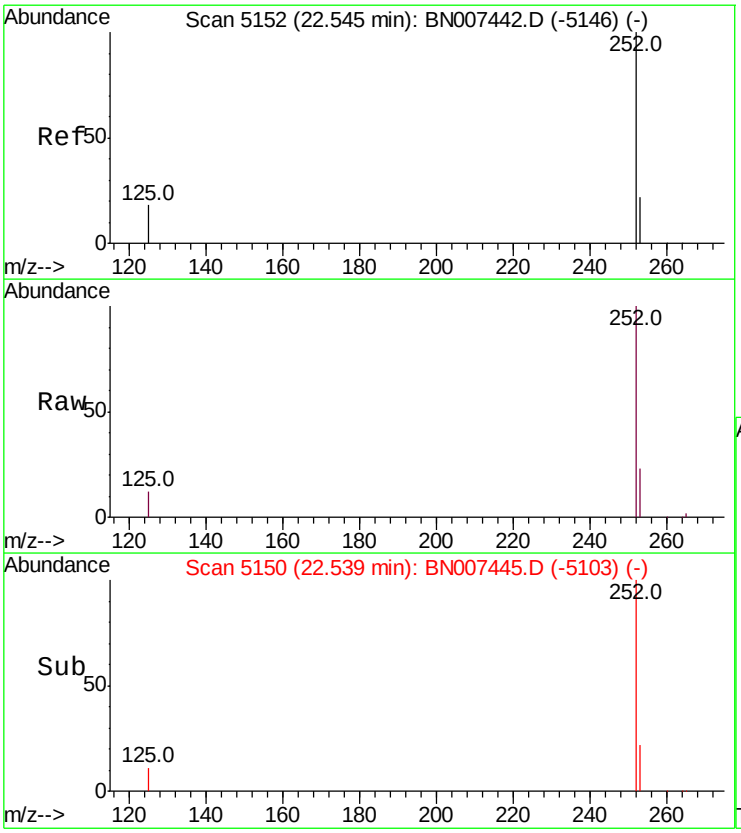
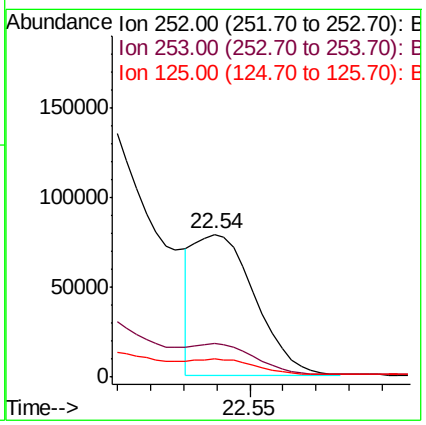
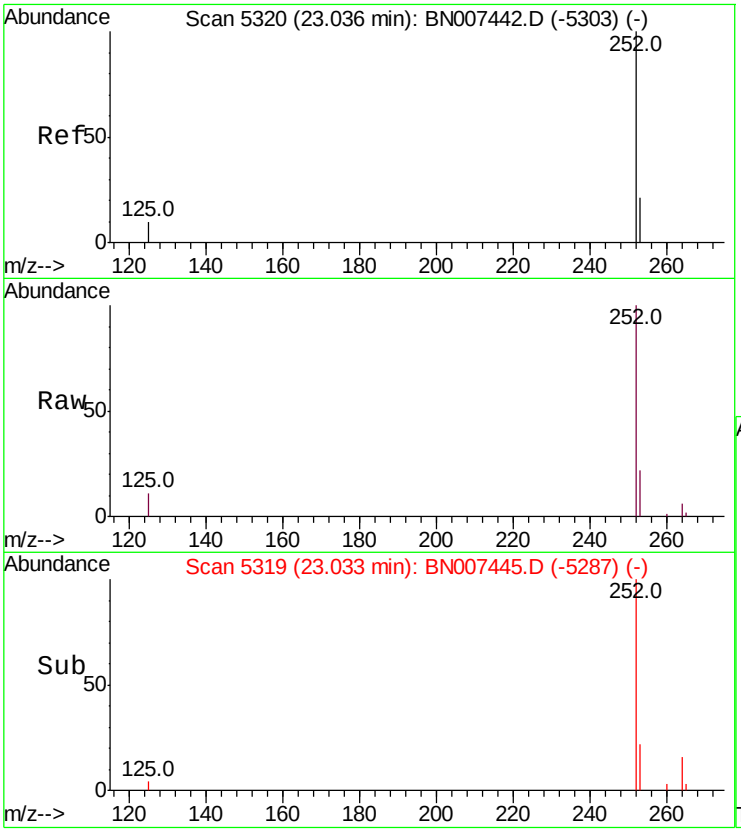


#22
Benzo(k)fluoranthene
Concen: 0.929 ng/ul m
RT: 22.54 min Scan# 5150
Delta R.T. -0.01 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:252 Resp: 100827

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	12.5	12.4	18.6





#23
Benzo(a)pyrene
Concen: 2.103 ng/ul m
RT: 23.03 min Scan# 5319
Delta R.T. -0.01 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:252 Resp: 217465

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.6
125	10.6	11.2	16.8#

Instrument :
BNA_N
ClientSampleId :
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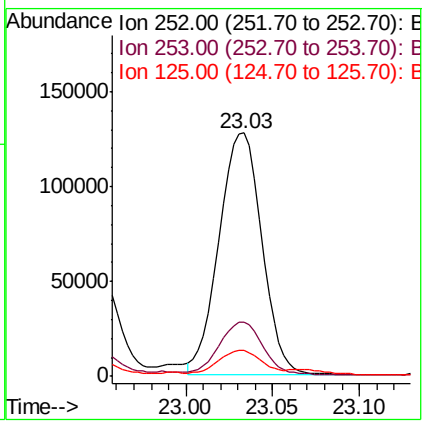
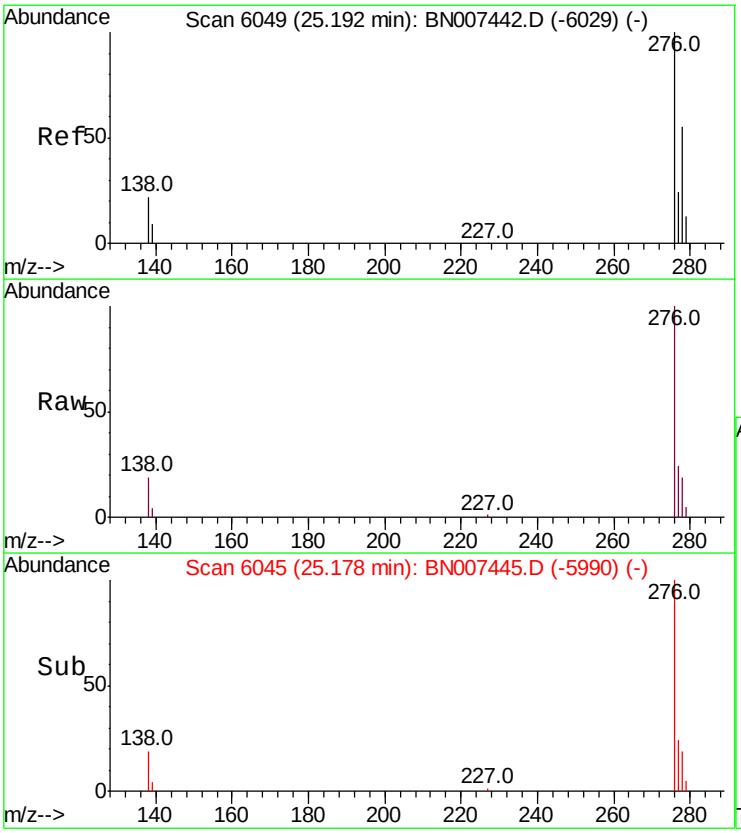
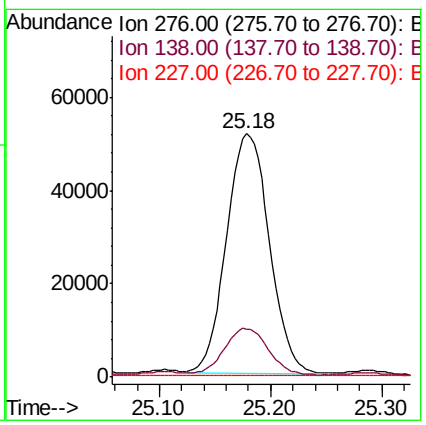


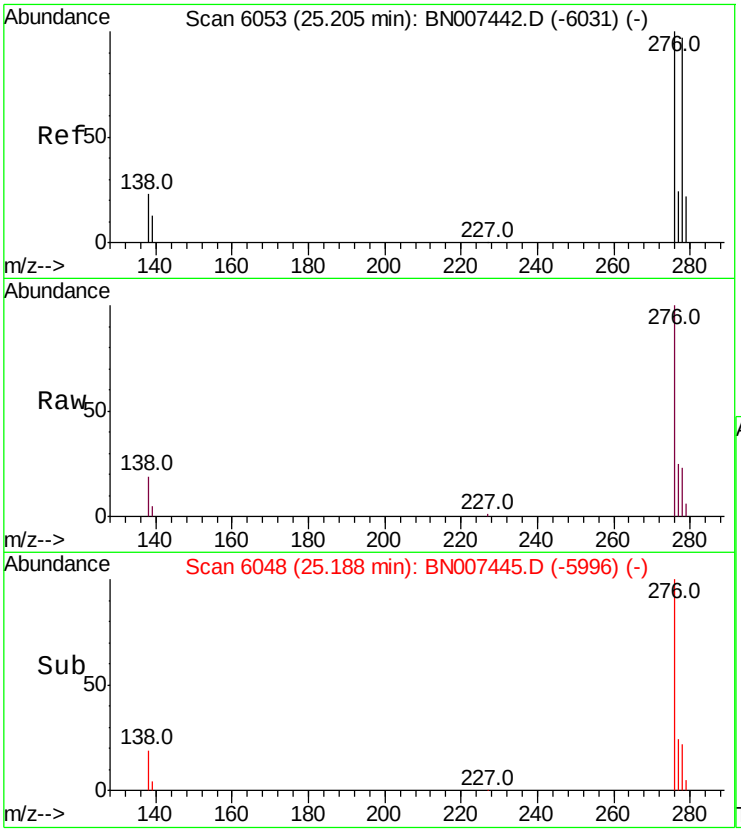


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.187 ng/ul
RT: 25.18 min Scan# 6045
Delta R.T. -0.02 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:276 Resp: 137444

Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.7	29.5
227	5.0	0.1	0.1#

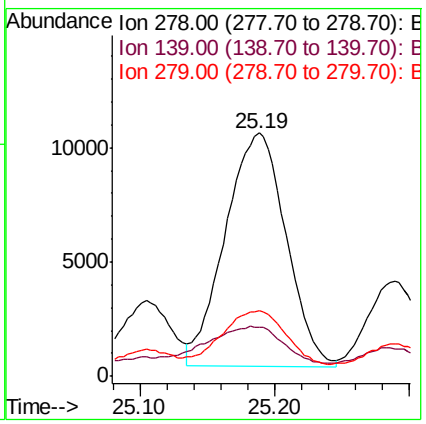




#25
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 25.19 min Scan# 6048
Delta R.T. -0.03 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

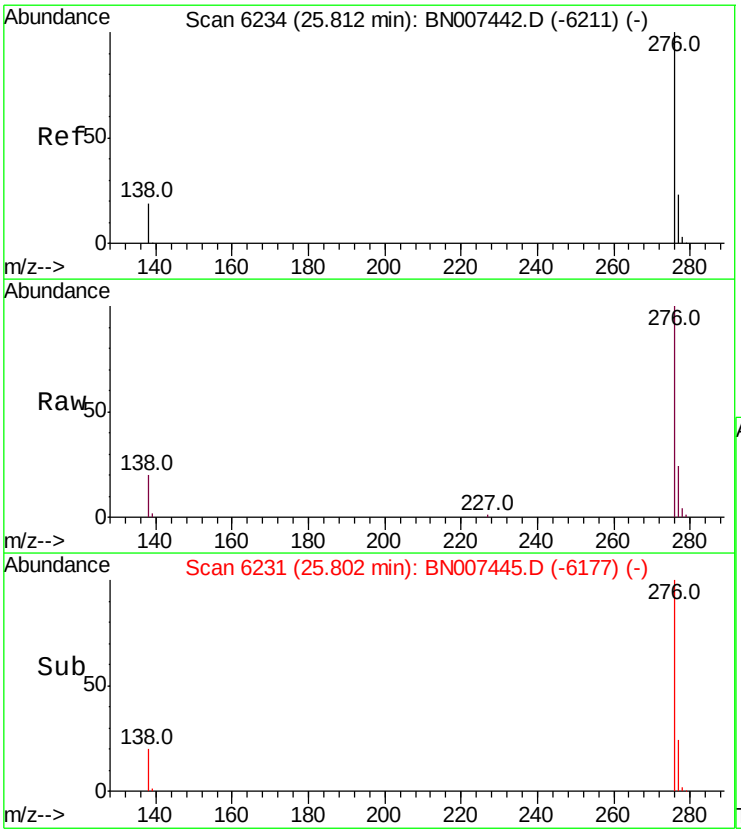
Tgt Ion:278 Resp: 31961

Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.6	21.8
279	27.0	19.8	29.8



Instrument :
BNA_N
ClientSampleId :
C0AG0

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:05 AM



#26
Benzo(g,h,i)perylene
Concen: 1.360 ng/ul
RT: 25.80 min Scan# 6231
Delta R.T. -0.02 min
Lab File: BN007445.D
Acq: 27 Aug 2019 23:05

Tgt Ion:276 Resp: 134476

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.1	25.7
277	24.0	19.4	29.0