Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 16:01:32 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 : C0AB4

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	4961	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	21565	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	11256	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	28688m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	20281m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	24290	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	11885	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	29144m	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	162761	2.673	ng/ul	99
5) 2-Methylnaphthalene	11.83	142	19865	0.486	ng/ul	92
7) Acenaphthylene	13.76	152	18242	0.291	ng/ul#	81
8) Acenaphthene	14.11	153	1875811	41.683	ng/ul	97
9) Fluorene	15.11	166	154428	3.171	ng/ul	98
11) Pentachlorophenol	16.46	266	345m	0.053	ng/ul	
12) Phenanthrene	16.84	178	115277m	1.288	ng/ul	
13) Anthracene	16.93	178	170205m	2.017	ng/ul	
15) Fluoranthene	18.87	202	241074m	2.012	ng/ul	
17) Pyrene	19.24	202	166019	1.673	ng/ul	99
18) Benzo(a)anthracene	21.01	228	43767	0.483	ng/ul	94
19) Chrysene	21.05	228	37821m	0.388	ng/ul	
21) Benzo(b)fluoranthene	22.51	252	48773m	0.460	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	15487m	0.140	ng/ul	
23) Benzo(a)pyrene	23.04	252	28125	0.266	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.19	276	14958m	0.126	ng/ul	
25) Dibenzo(a,h)anthracene	25.19	278	4400	0.047	ng/ul#	45
26) Benzo(g,h,i)perylene	25.82	276	13624	0.135	ng/ul	93

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

Quantitation Report (QT Reviewed)

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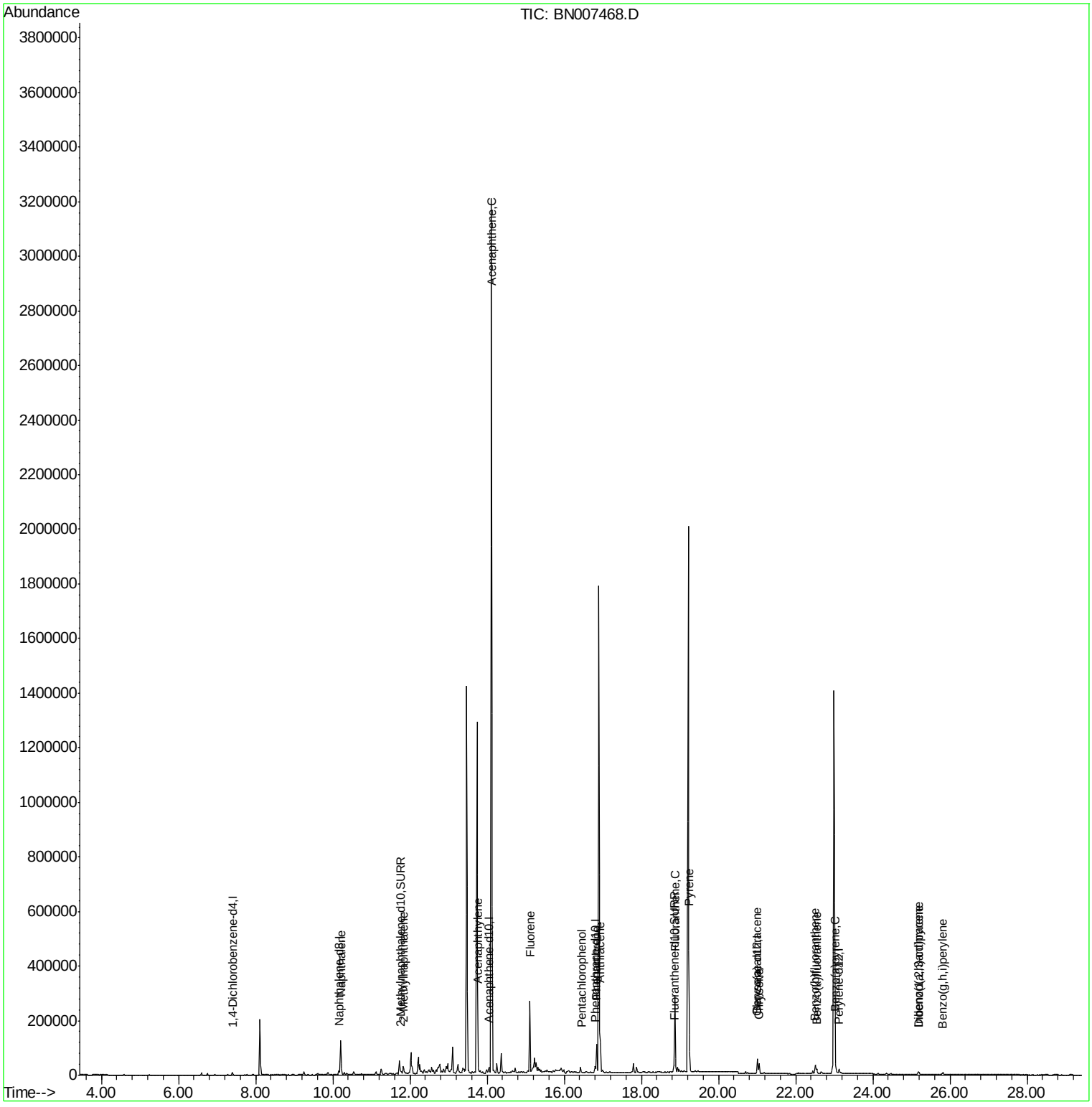
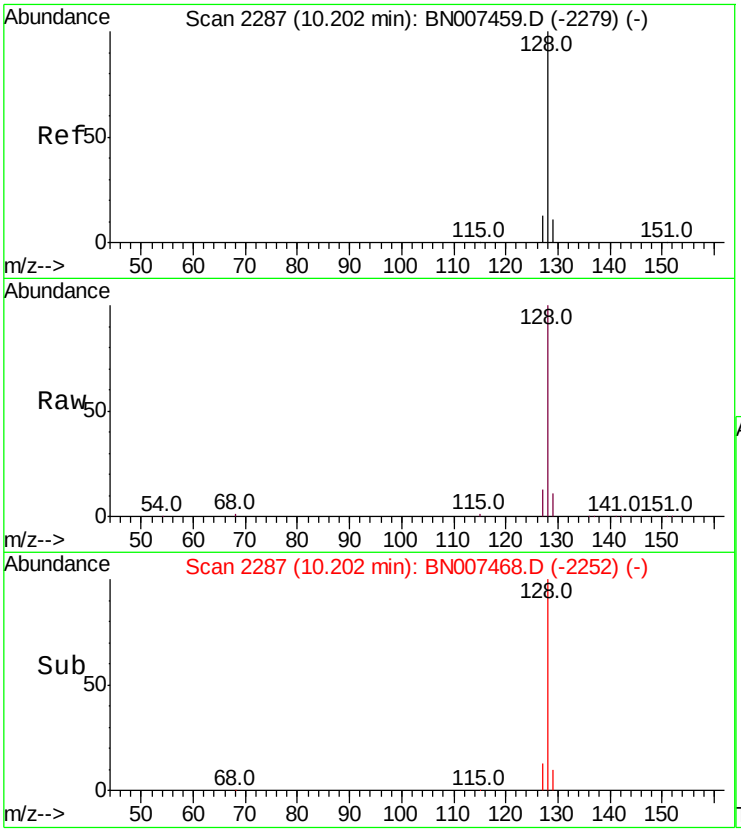
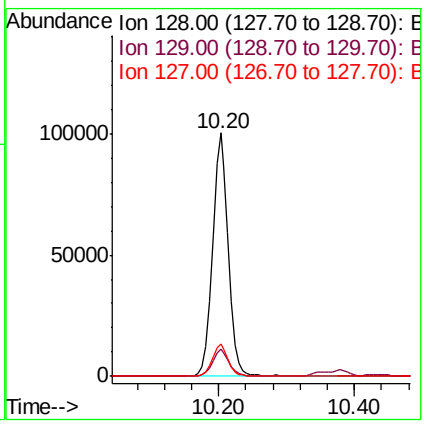




#3
Naphthalene
Concen: 2.673 ng/ul
RT: 10.20 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:128 Resp: 162761

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.1	10.4	15.6



Instrument :
BNA_N
ClientSampleId :
C0AB4

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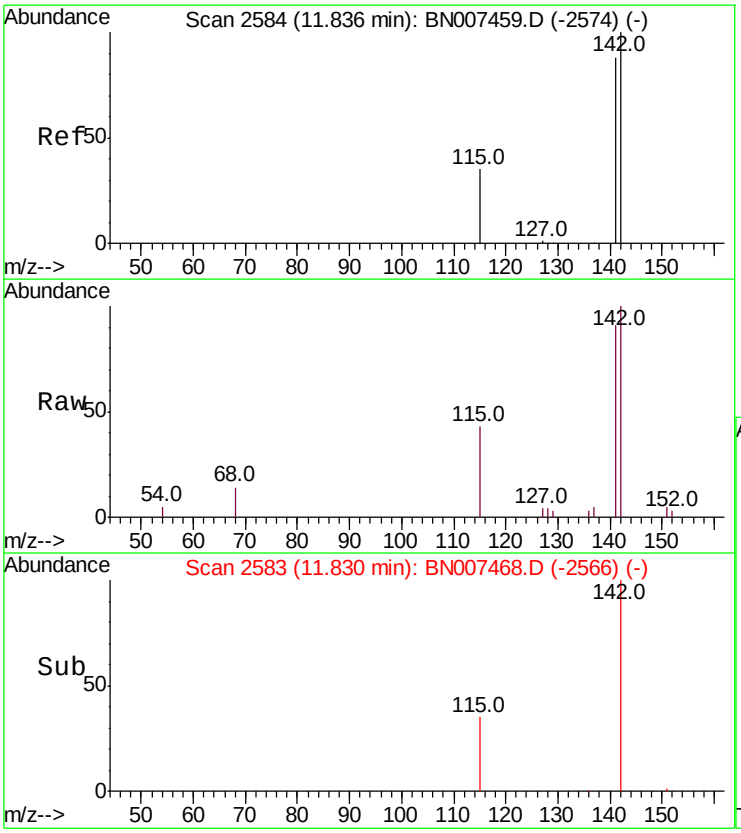
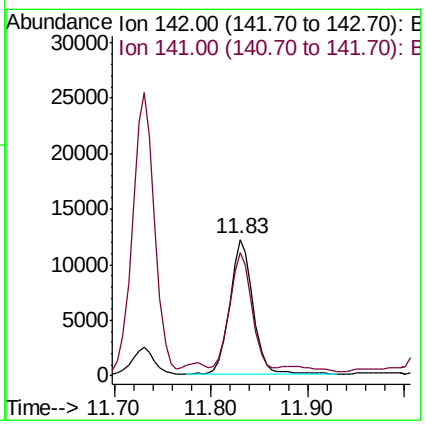
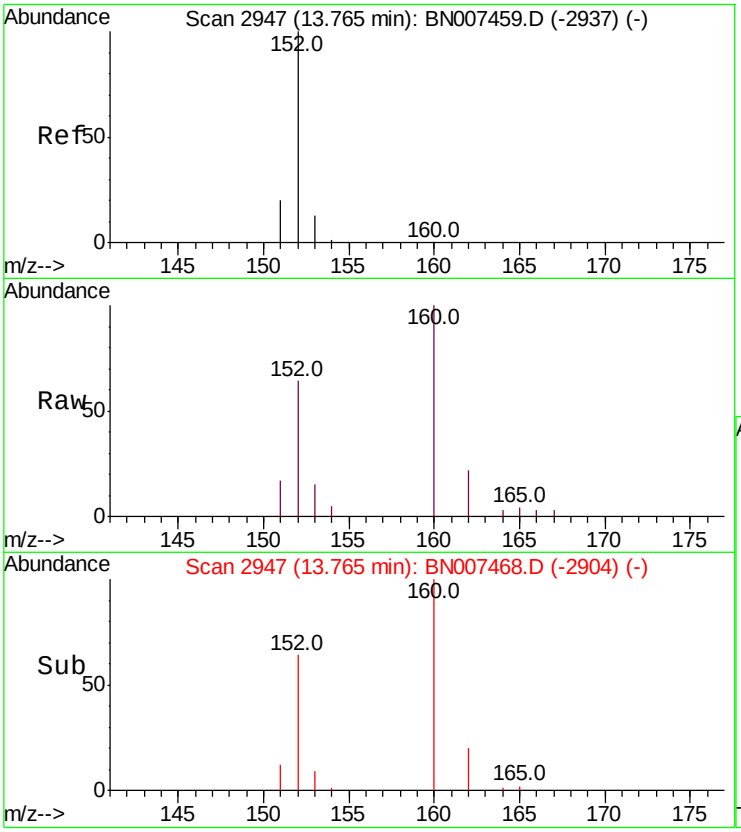


#5
2-Methylnaphthalene
Concen: 0.486 ng/ul
RT: 11.83 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:142 Resp: 19865

Ion	Ratio	Lower	Upper
142	100		
141	82.2	71.7	107.5

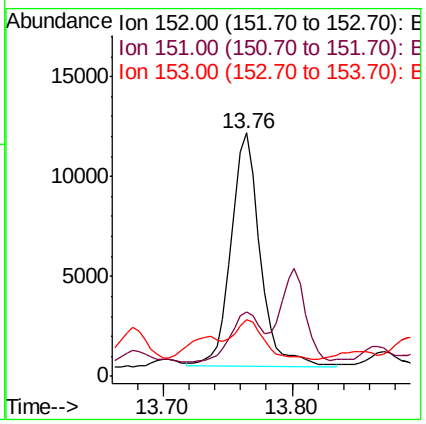




#7
Acenaphthylene
Concen: 0.291 ng/ul
RT: 13.76 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:152 Resp: 18242

Ion	Ratio	Lower	Upper
152	100		
151	26.7	15.8	23.6#
153	23.0	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
C0AB4

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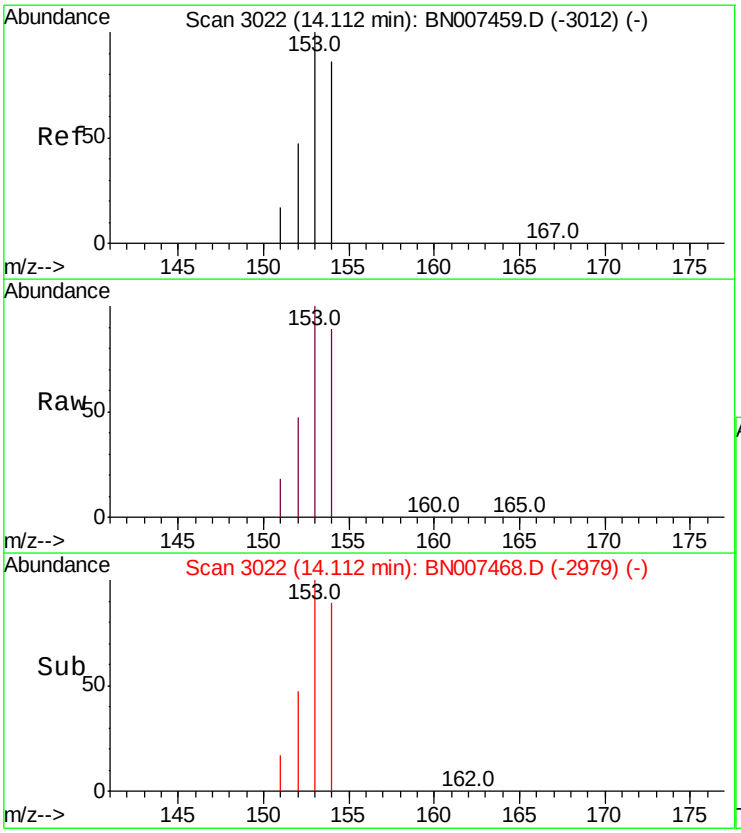
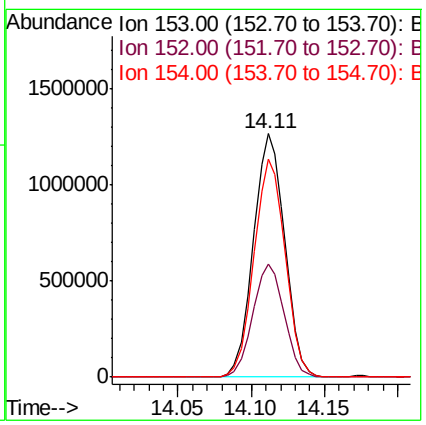
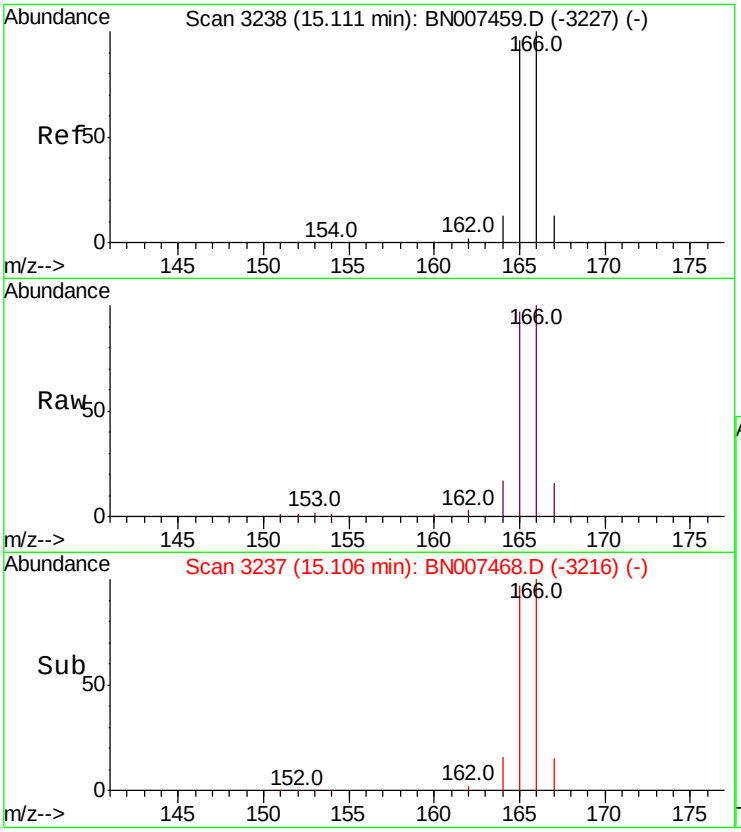


#8
Acenaphthene
Concen: 41.683 ng/ul
RT: 14.11 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:153 Resp: 1875811

Ion	Ratio	Lower	Upper
153	100		
152	46.5	39.1	58.7
154	89.4	69.4	104.2

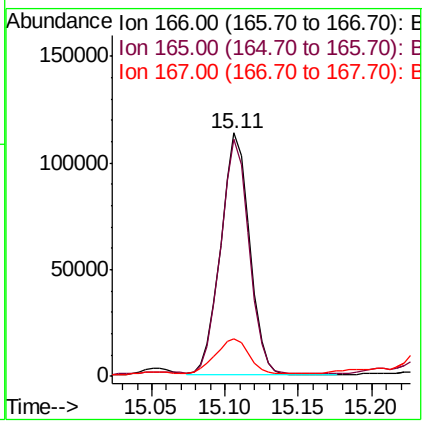




#9
Fluorene
Concen: 3.171 ng/ul
RT: 15.11 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:166 Resp: 154428

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.6	119.4
167	15.5	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
C0AB4

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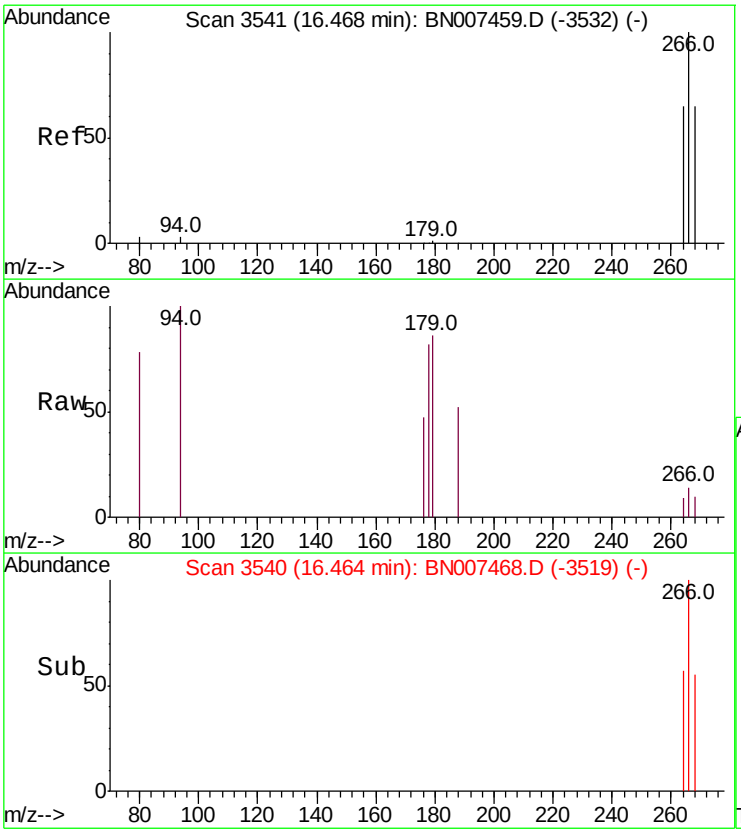
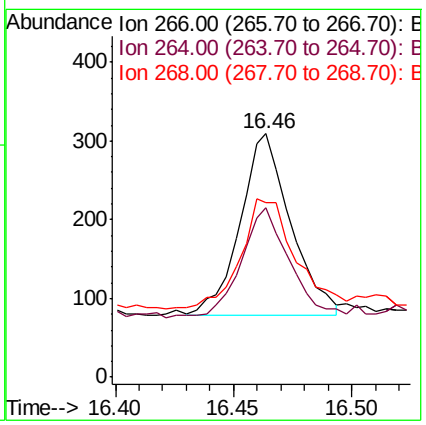
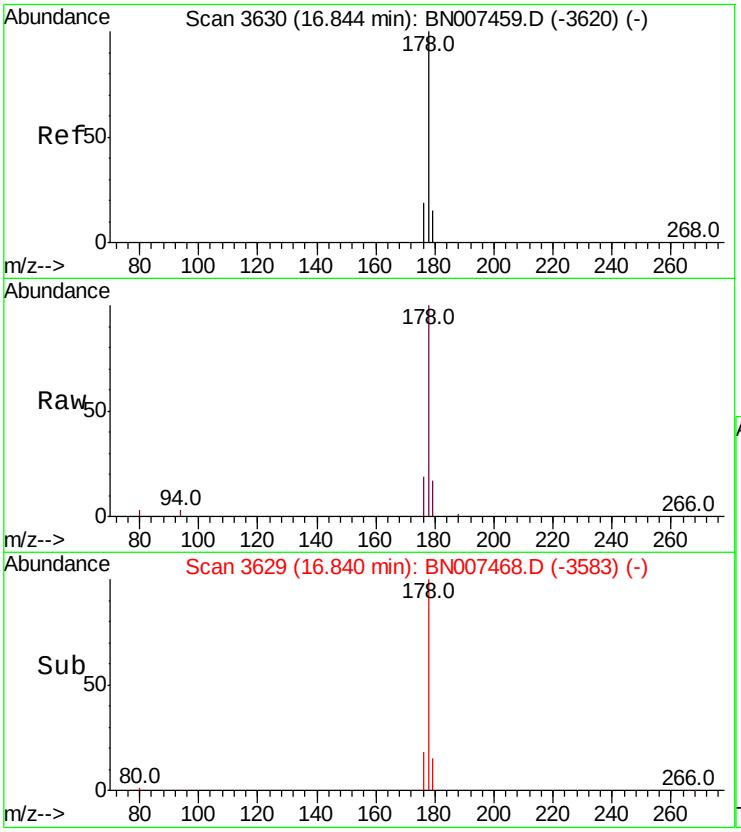


#11
Pentachlorophenol
Concen: 0.053 ng/ul m
RT: 16.46 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:266 Resp: 345

Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.0	73.6#
268	5.2	50.2	75.2#

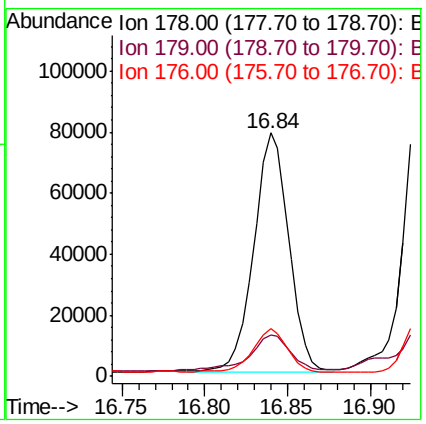




#12
Phenanthrene
Concen: 1.288 ng/ul m
RT: 16.84 min Scan# 3629
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:178 Resp: 115277

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	19.5	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
C0AB4

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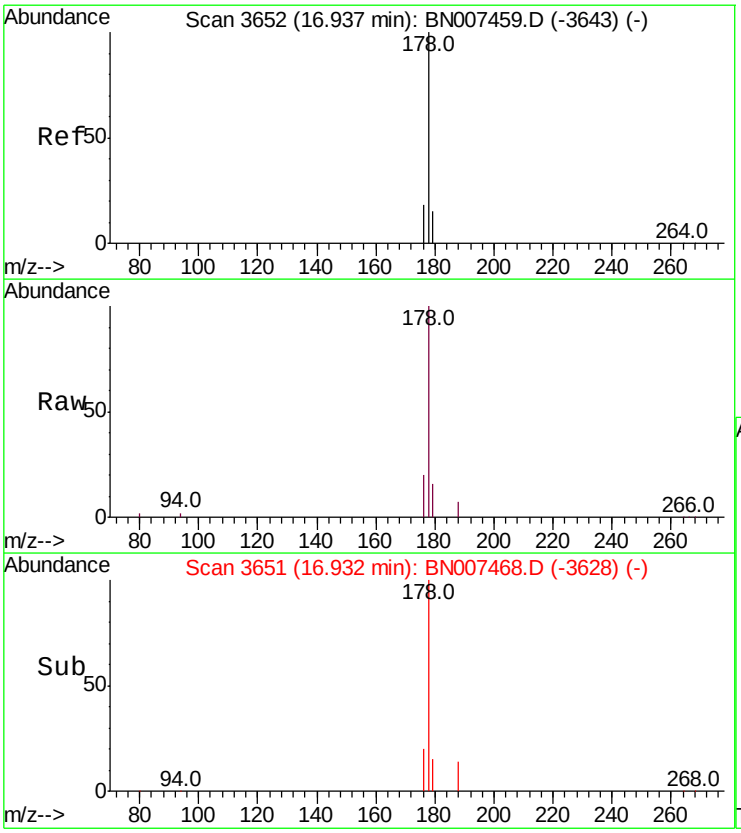
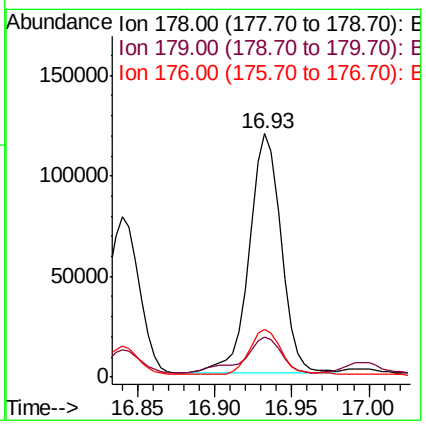
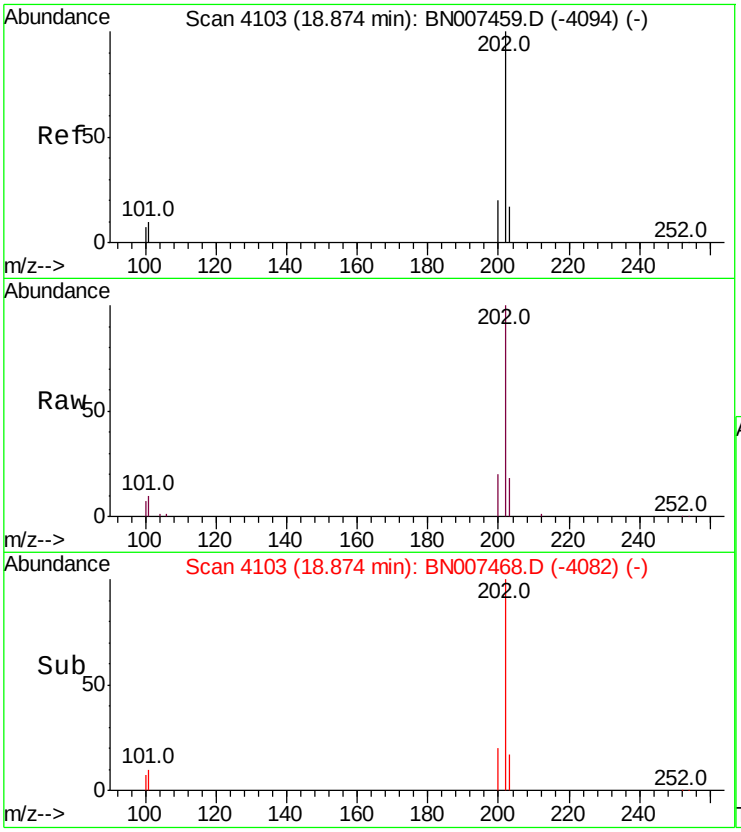


#13
Anthracene
Concen: 2.017 ng/ul m
RT: 16.93 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:178 Resp: 170205

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	19.7	14.6	21.8

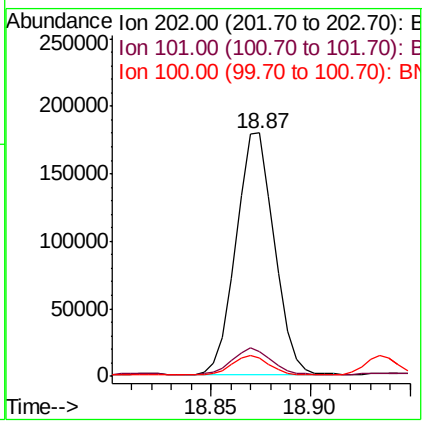




#15
Fluoranthene
Concen: 2.012 ng/ul m
RT: 18.87 min Scan# 4103
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:202 Resp: 241074

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.3
100	7.5	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
C0AB4

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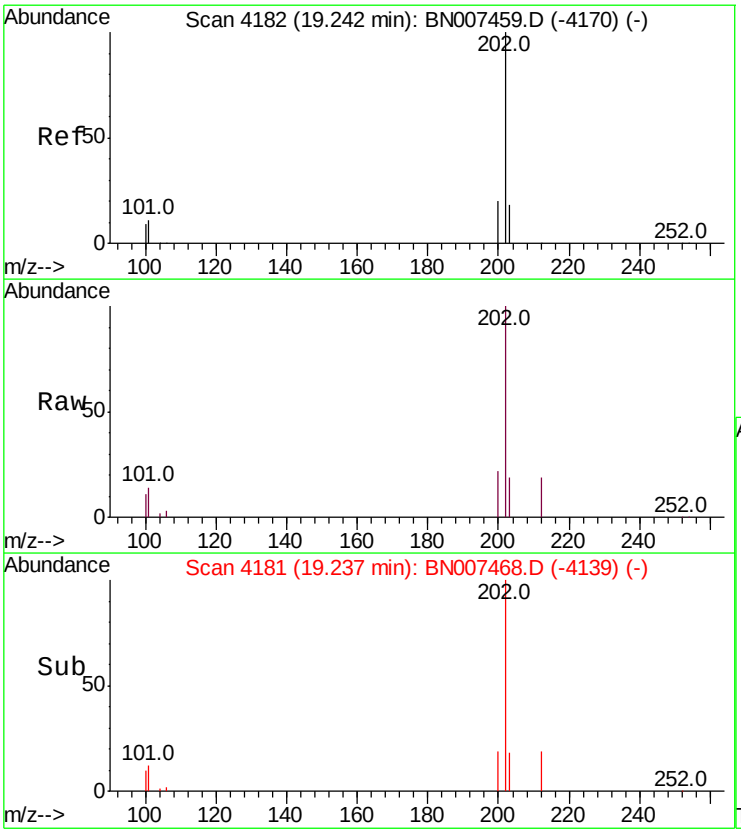
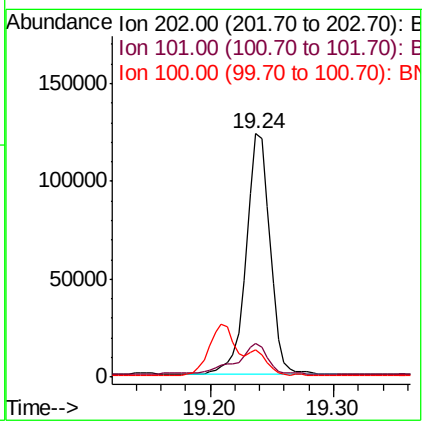
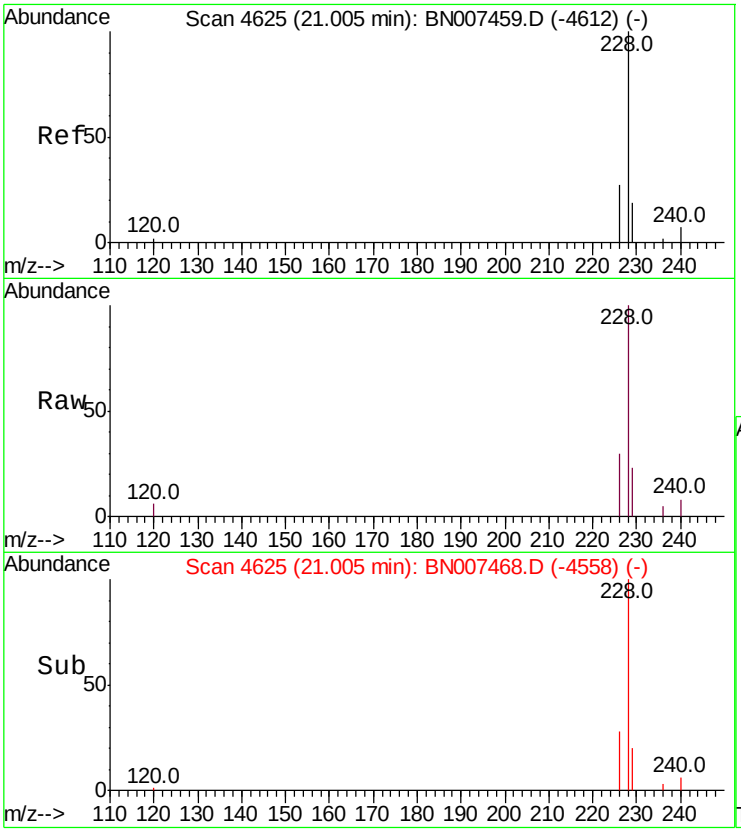


#17
Pyrene
Concen: 1.673 ng/ul
RT: 19.24 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:202 Resp: 166019

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.7	16.1
100	11.1	8.6	12.8

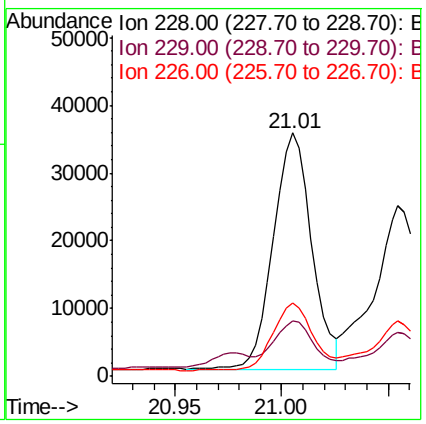




#18
Benzo(a)anthracene
Concen: 0.483 ng/ul
RT: 21.01 min Scan# 4625
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:228 Resp: 43767

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.4	23.2
226	30.0	22.0	33.0



Instrument :
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ClientSampleId :
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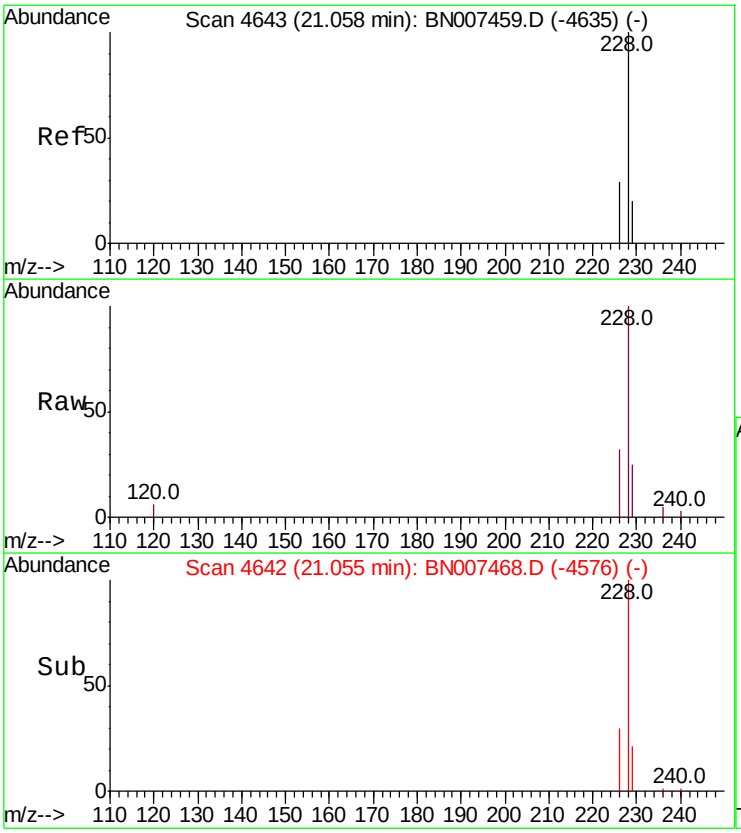
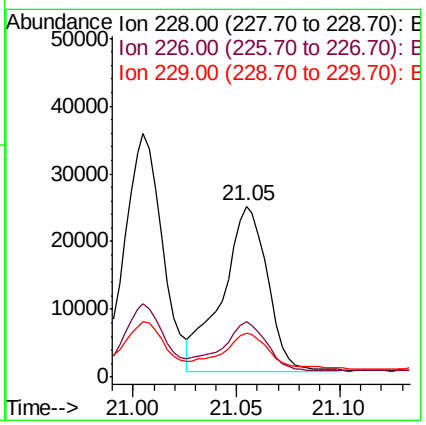
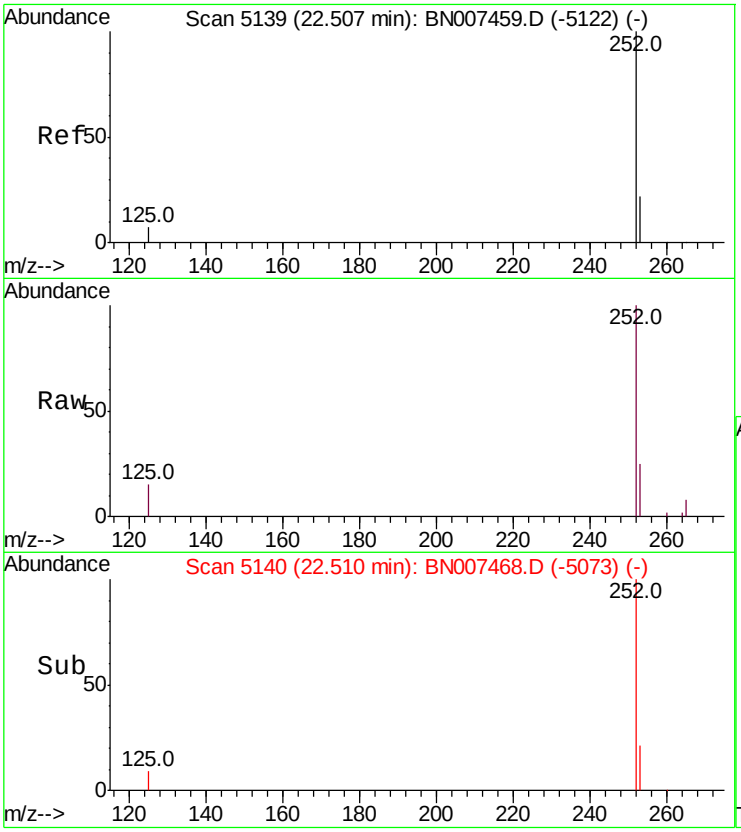


#19
Chrysene
Concen: 0.388 ng/ul m
RT: 21.05 min Scan# 4642
Delta R.T. -0.01 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:228 Resp: 37821

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.1	36.1
229	25.5	16.1	24.1#

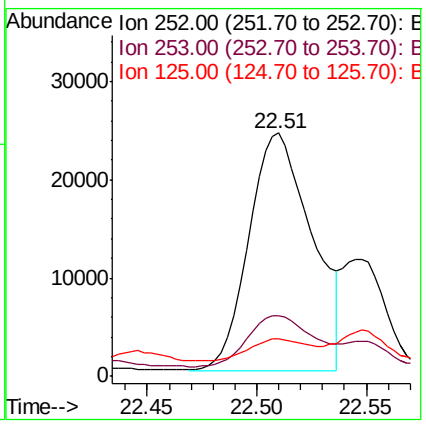




#21
Benzo(b)fluoranthene
Concen: 0.460 ng/ul m
RT: 22.51 min Scan# 5140
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:252 Resp: 48773

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	47.0
125	15.3	0.0	24.8



Instrument :
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ClientSampleId :
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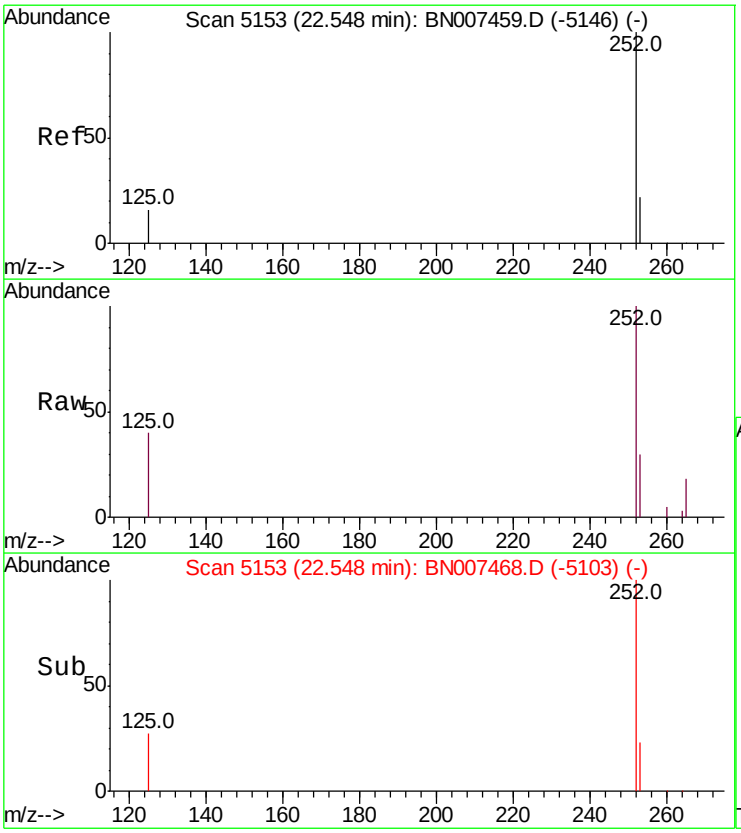
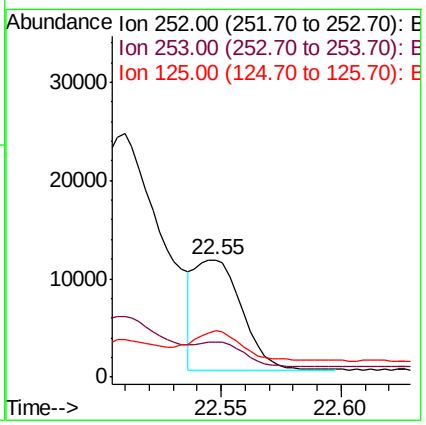
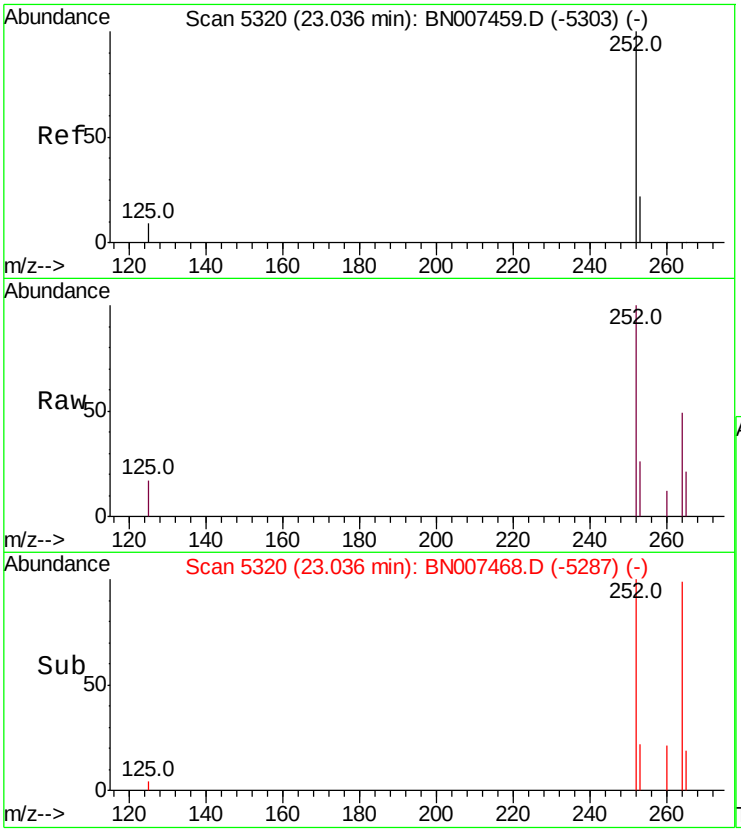


#22
Benzo(k)fluoranthene
Concen: 0.140 ng/ul m
RT: 22.55 min Scan# 5153
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:252 Resp: 15487

Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.7	28.1#
125	39.5	12.4	18.6#





#23
Benzo(a)pyrene
Concen: 0.266 ng/ul
RT: 23.04 min Scan# 5320
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:252 Resp: 28125

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.0	28.6
125	16.8	11.2	16.8#

Instrument :
BNA_N
ClientSampleId :
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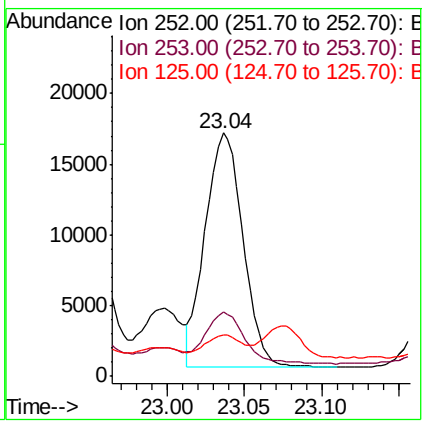
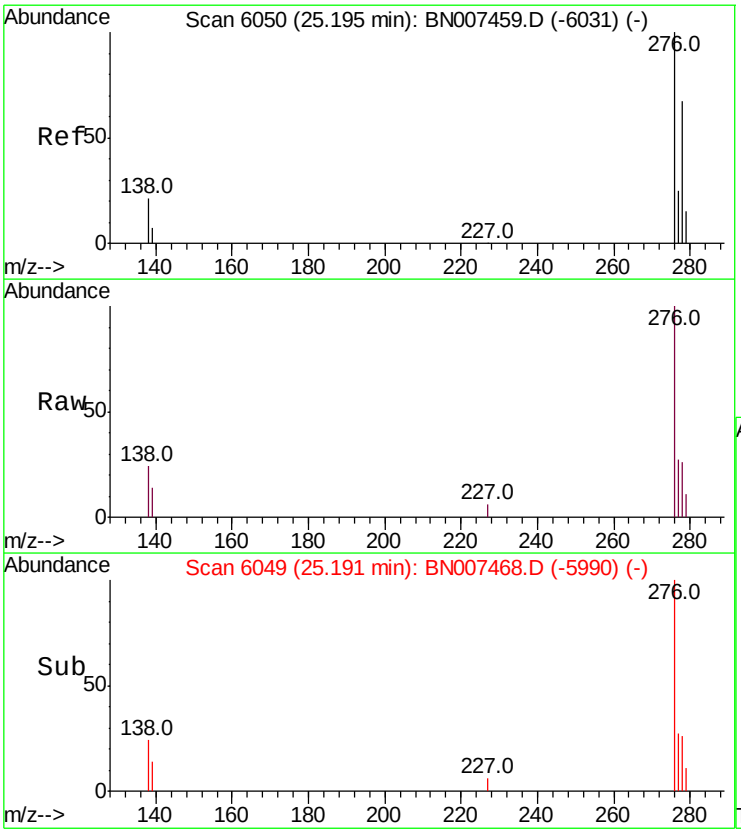
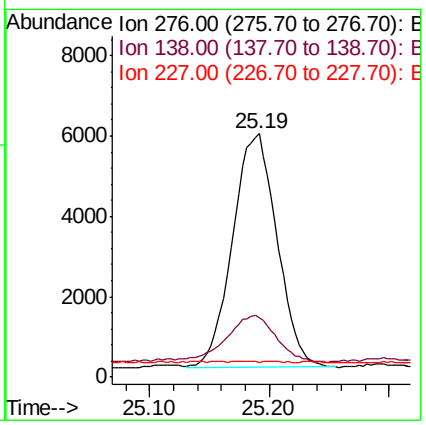


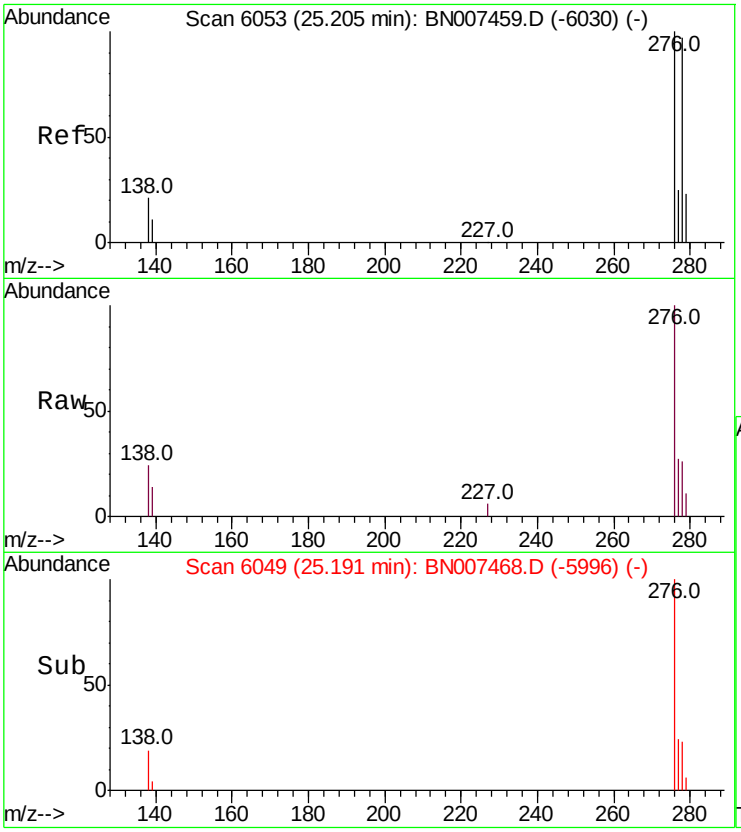


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng/ul m
RT: 25.19 min Scan# 6049
Delta R.T. -0.00 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:276 Resp: 14958

Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.7	29.5
227	55.4	0.1	0.1#





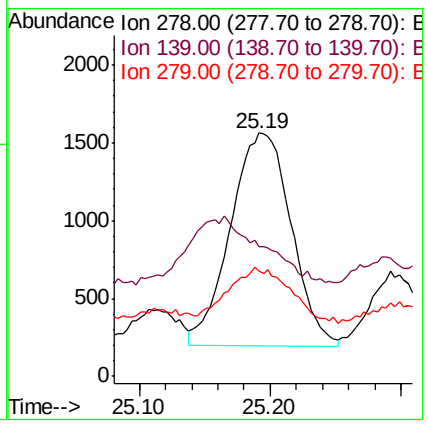
#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.19 min Scan# 6049
Delta R.T. -0.02 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

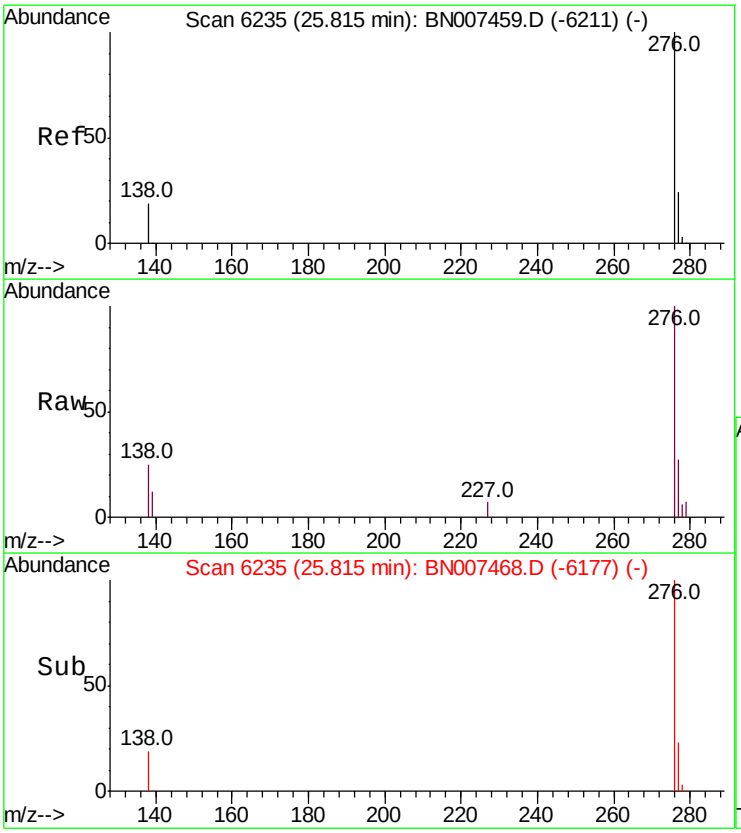
Tgt Ion:278 Resp: 4400

Ion	Ratio	Lower	Upper
278	100		
139	53.1	14.6	21.8#
279	43.4	19.8	29.8#

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM





#26
Benzo(g,h,i)perylene
Concen: 0.135 ng/ul
RT: 25.82 min Scan# 6235
Delta R.T. -0.01 min
Lab File: BN007468.D
Acq: 28 Aug 2019 15:01

Tgt Ion:276 Resp: 13624

Ion	Ratio	Lower	Upper
276	100		
138	25.3	17.1	25.7
277	27.1	19.4	29.0