Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009241.D
Acq On : 28 Dec 2019 22:52
Operator : JU
Sample : K6278-16DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C69DL

Quant Time: Dec 29 05:41:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2627	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9377	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4842	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9717	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7653	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8017	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	604	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	1213	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.31	128	928	0.033	ng/ul#	82
5) 2-Methylnaphthalene	11.94	142	530	0.025	ng/ul	98
12) Phenanthrene	16.93	178	2091	0.062	ng/ul#	93
15) Fluoranthene	18.95	202	3251	0.084	ng/ul	94
17) Pyrene	19.32	202	3119	0.080	ng/ul#	94
18) Benzo(a)anthracene	21.07	228	1620	0.048	ng/ul#	82
19) Chrysene	21.12	228	2178	0.064	ng/ul#	85
21) Benzo(b)fluoranthene	22.58	252	4203	0.112	ng/ul#	53
22) Benzo(k)fluoranthene	22.58	252	4203	0.111	ng/ul#	54
23) Benzo(a)pyrene	23.12	252	1759	0.054	ng/ul#	32
24) Indeno(1,2,3-cd)pyrene	25.31	276	1597	0.045	ng/ul	91
25) Dibenzo(a,h)anthracene	25.31	278	589	0.021	ng/ul#	1
26) Benzo(g,h,i)perylene	25.94	276	2032	0.068	ng/ul#	75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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BNA_N
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C0C69DL

Quant Time: Dec 29 05:41:23 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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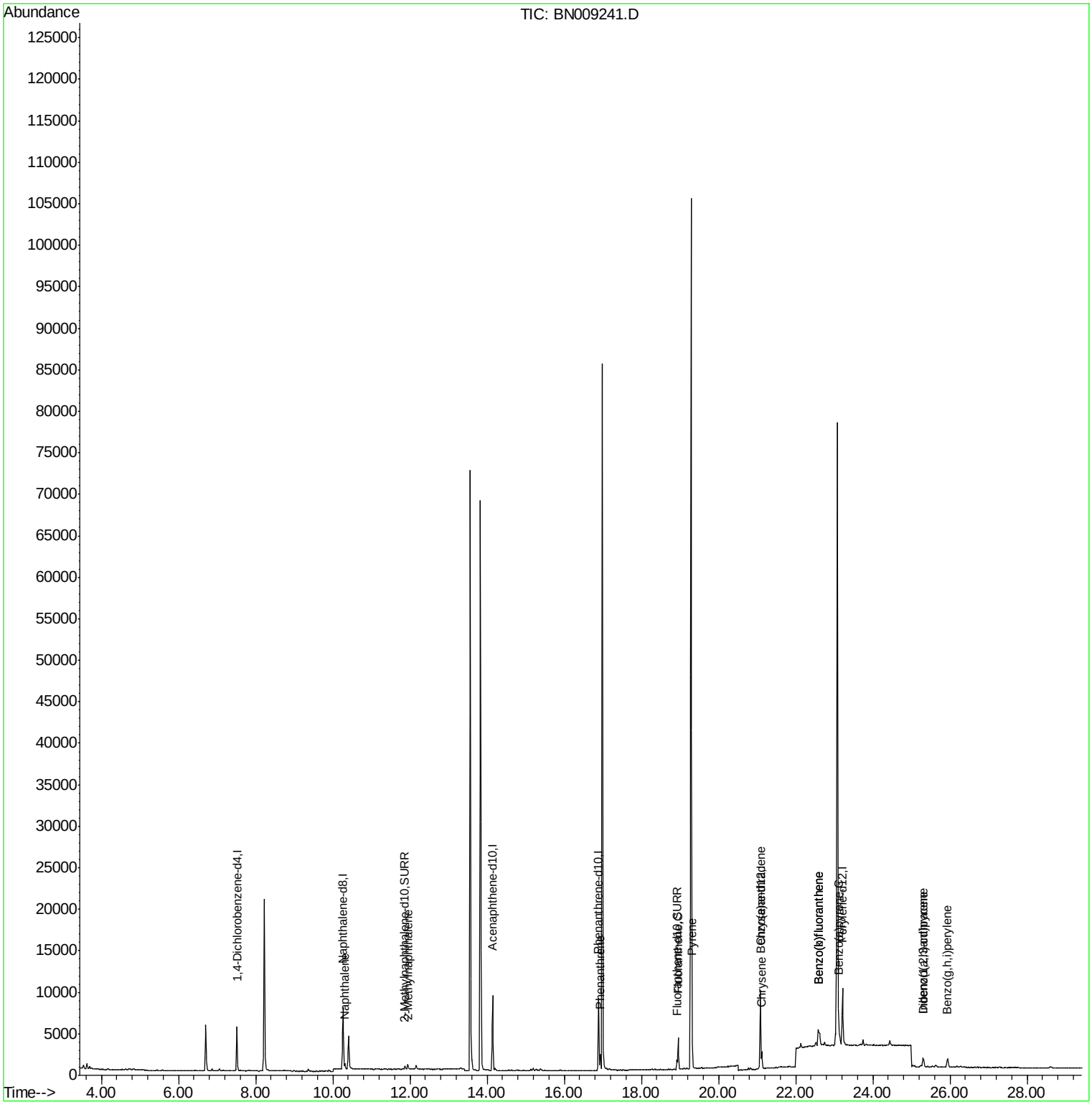
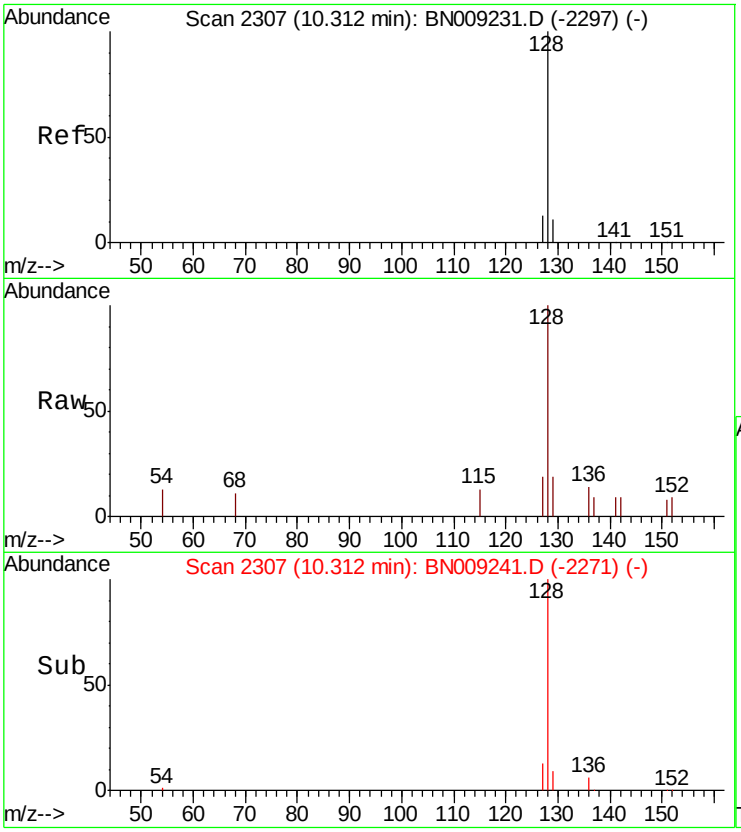


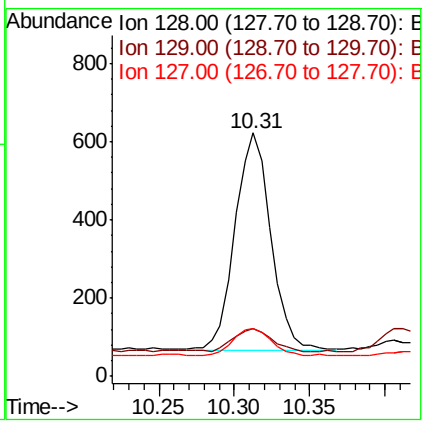


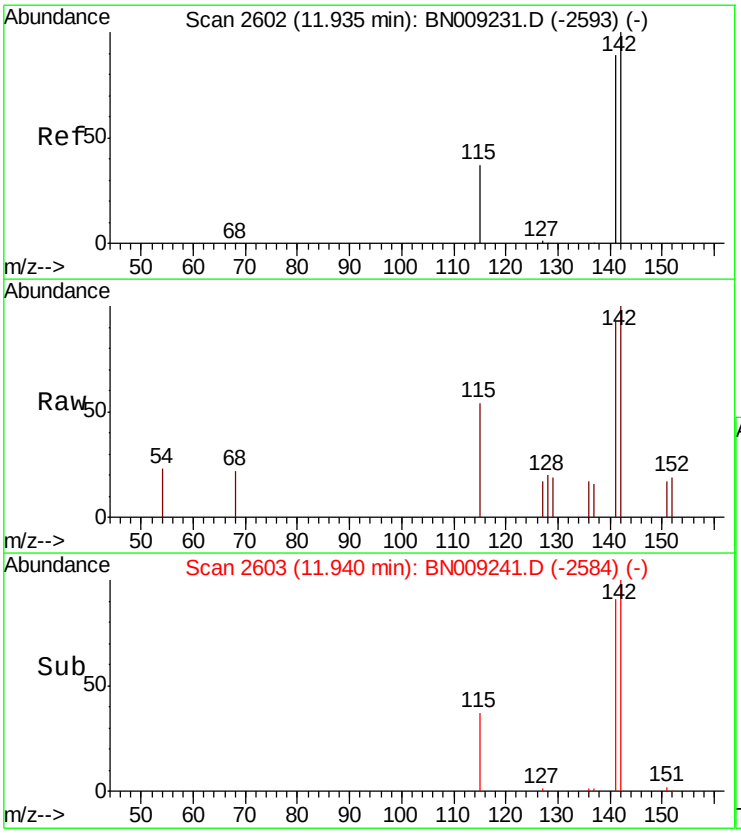
#3
Naphthalene
Concen: 0.033 ng/ul
RT: 10.31 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Instrument :
BNA_N
ClientSampleId :
C0C69DL

Tgt Ion:128 Resp: 928

Ion	Ratio	Lower	Upper
128	100		
129	19.4	9.0	13.4#
127	19.4	10.9	16.3#

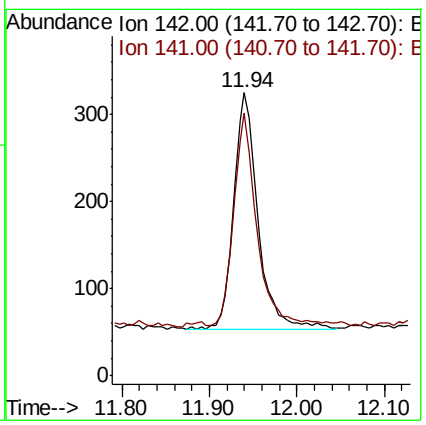


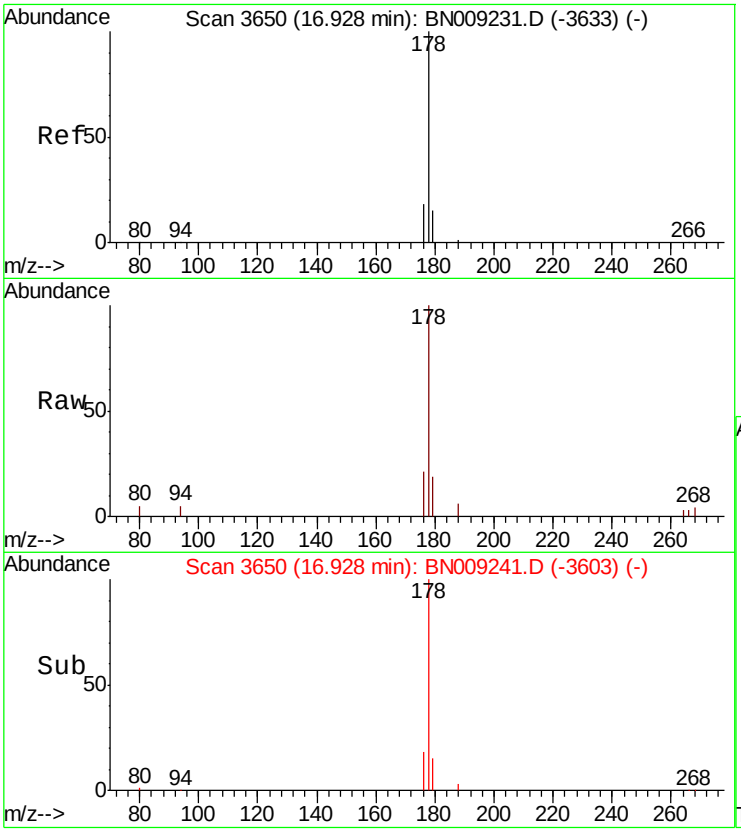


#5
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 11.94 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Tgt Ion:142 Resp: 530

Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.2	105.4



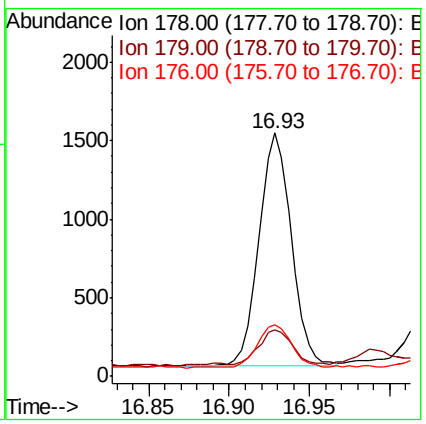


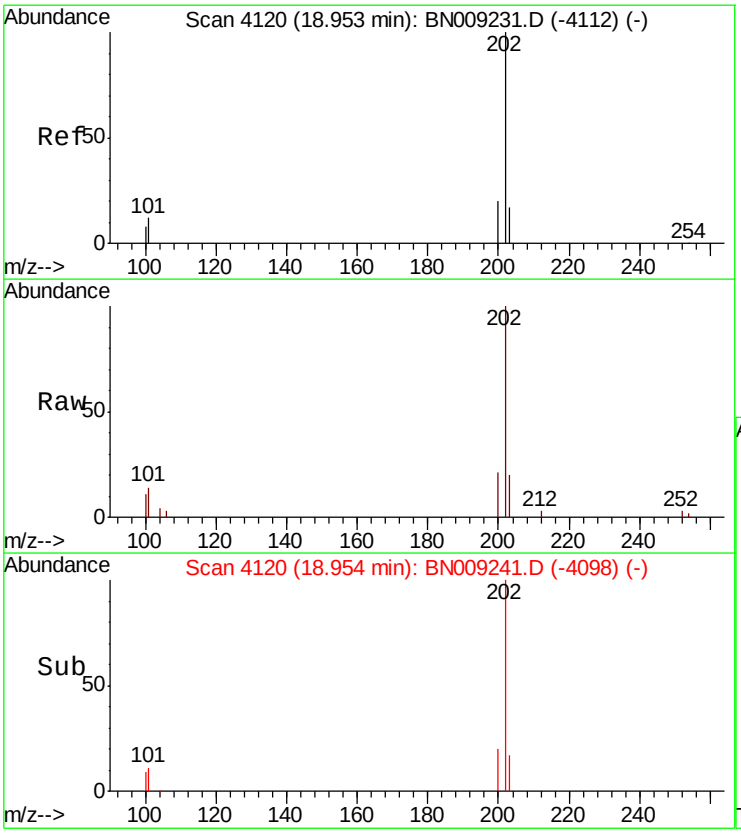
#12
Phenanthrene
Concen: 0.062 ng/ul
RT: 16.93 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Instrument :
BNA_N
ClientSampleId :
C0C69DL

Tgt Ion:178 Resp: 2091

Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.3	18.5#
176	21.0	15.1	22.7

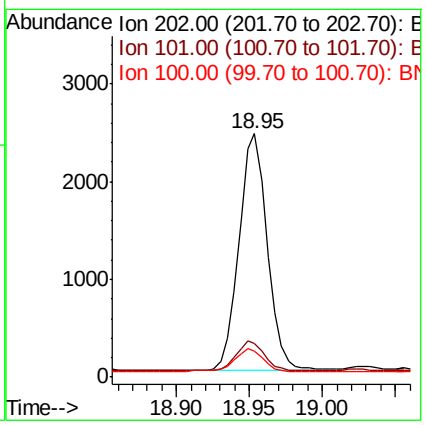


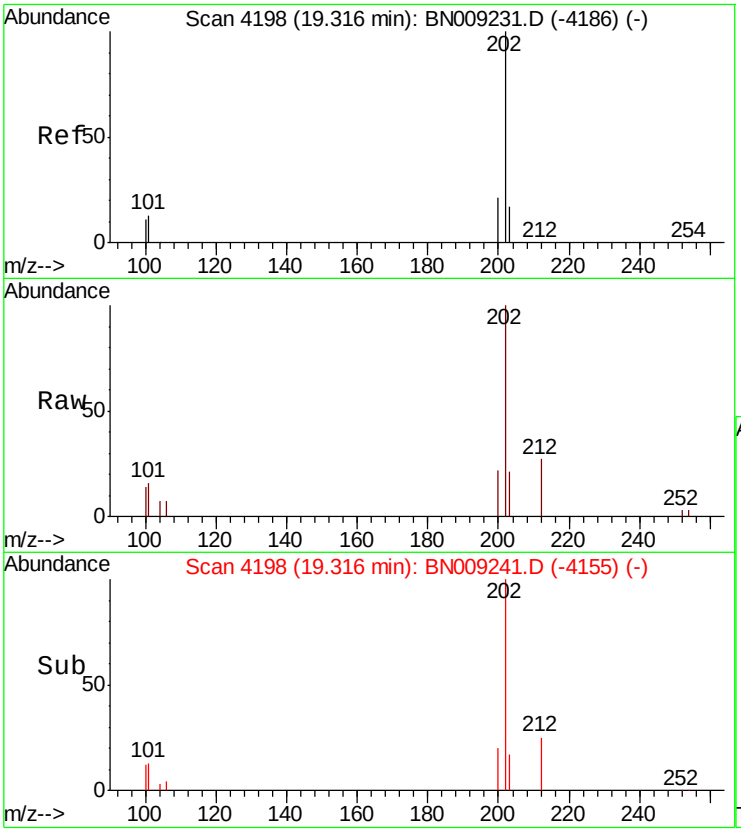


#15
Fluoranthene
Concen: 0.084 ng/ul
RT: 18.95 min Scan# 4120
Delta R.T. 0.00 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Tgt Ion:202 Resp: 3251

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	31.5
100	10.8	0.0	28.9



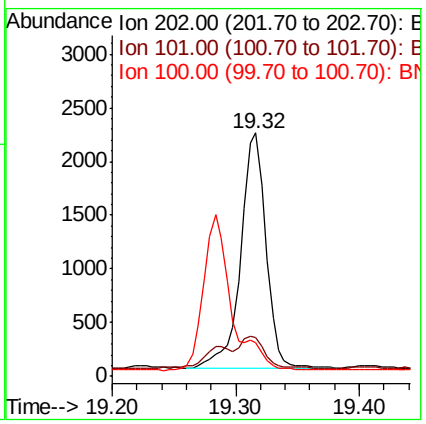


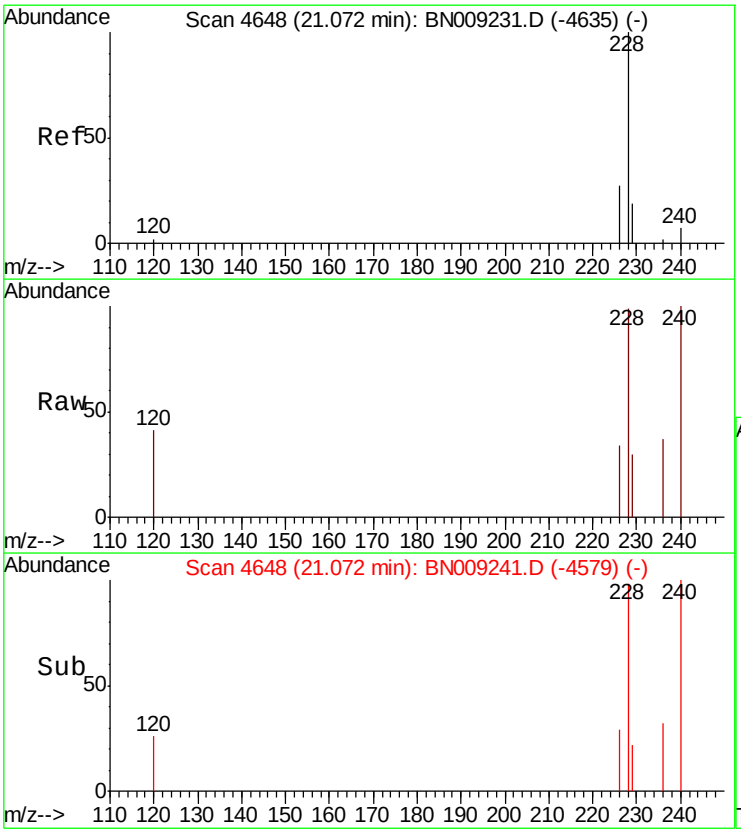
#17
Pyrene
Concen: 0.080 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Instrument :
BNA_N
ClientSampleId :
C0C69DL

Tgt Ion:202 Resp: 3119

Ion	Ratio	Lower	Upper
202	100		
101	15.7	10.9	16.3
100	13.8	9.0	13.6#

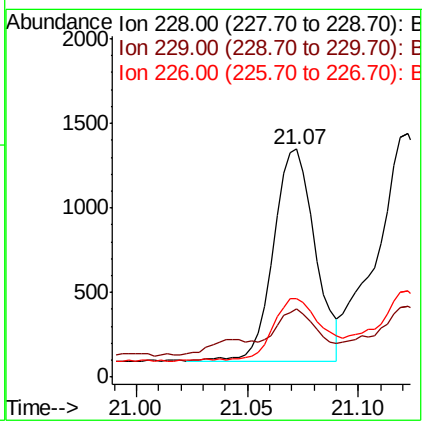


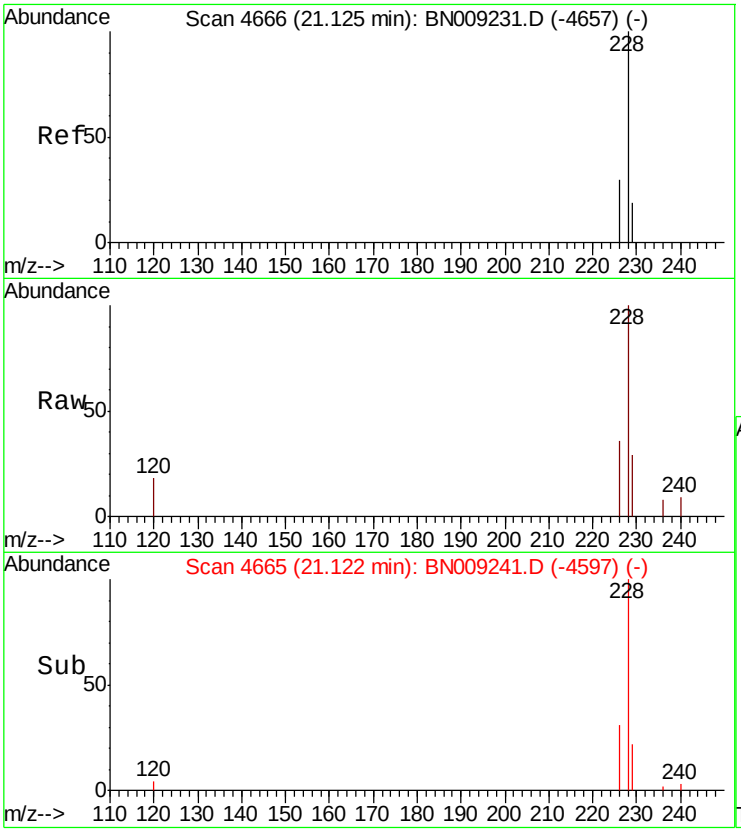


#18
Benzo(a)anthracene
Concen: 0.048 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Tgt Ion:228 Resp: 1620

Ion	Ratio	Lower	Upper
228	100		
229	29.9	15.5	23.3#
226	34.6	21.7	32.5#



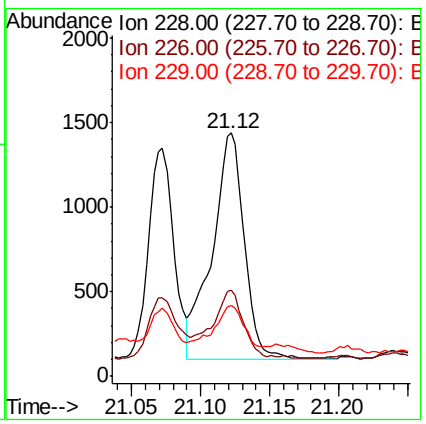


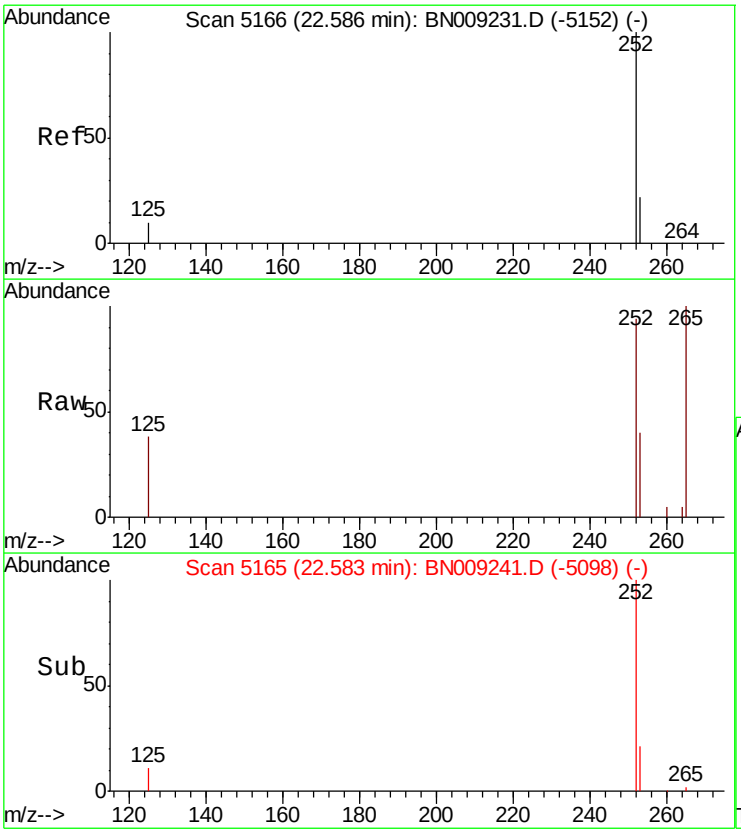
#19
Chrysene
Concen: 0.064 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.00 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Instrument :
BNA_N
ClientSampleId :
C0C69DL

Tgt Ion:228 Resp: 2178

Ion	Ratio	Lower	Upper
228	100		
226	35.6	23.7	35.5#
229	29.1	15.4	23.0#

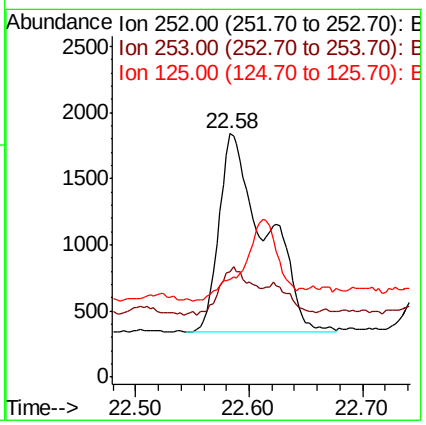


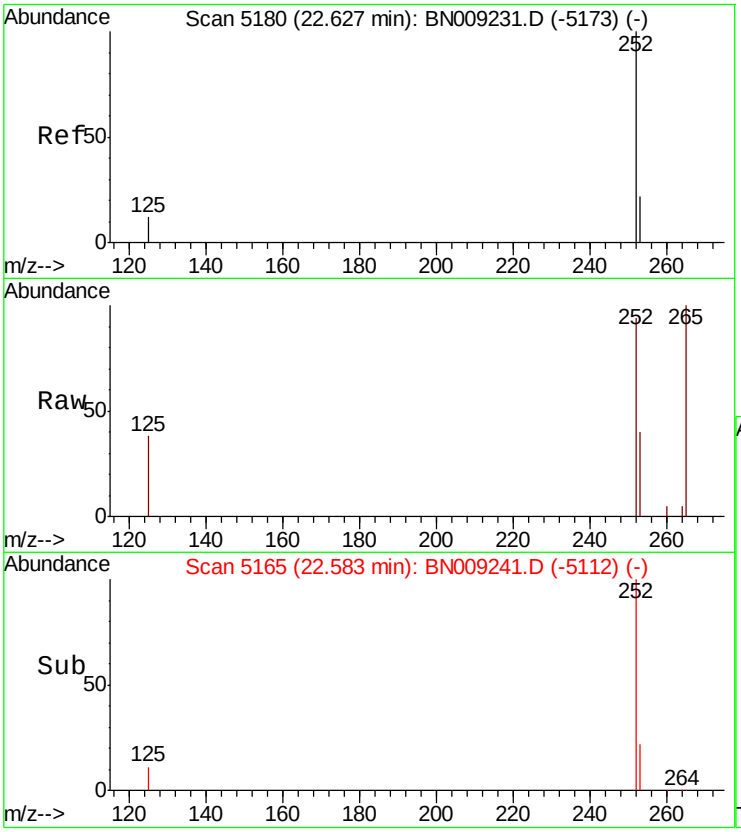


#21
Benzo(b)fluoranthene
Concen: 0.112 ng/ul
RT: 22.58 min Scan# 5165
Delta R.T. -0.00 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Tgt Ion:252 Resp: 4203

Ion	Ratio	Lower	Upper
252	100		
253	43.0	0.0	48.2
125	40.0	0.0	30.0#



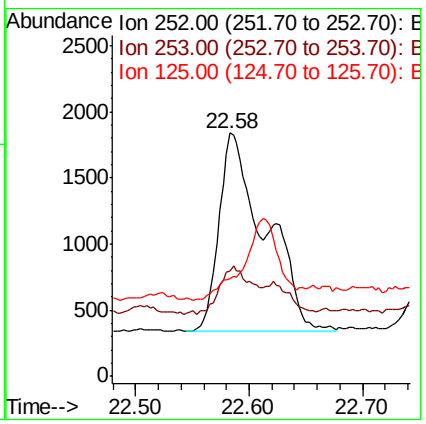


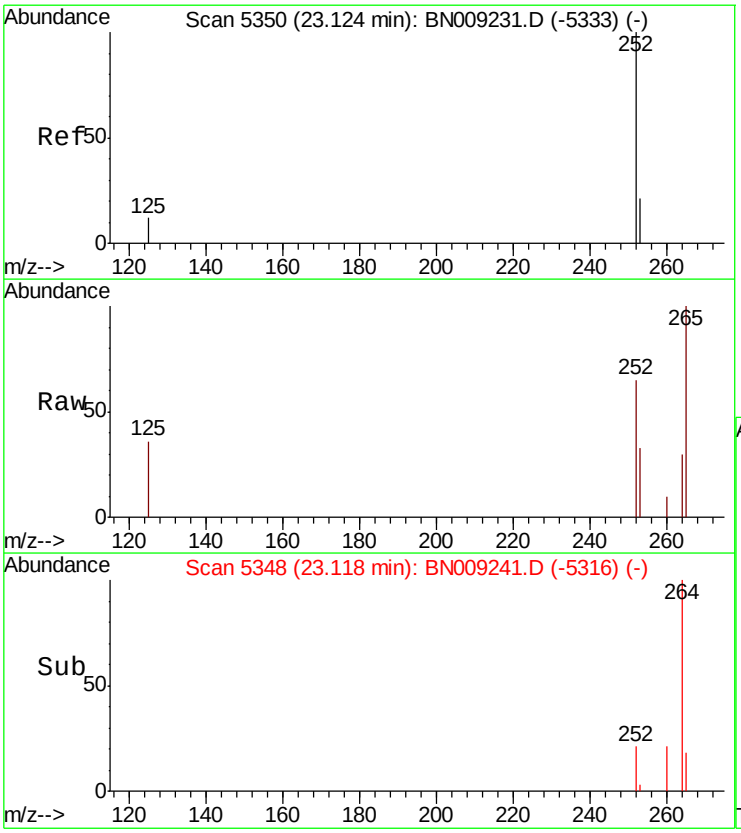
#22
Benzo(k)fluoranthene
Concen: 0.111 ng/ul
RT: 22.58 min Scan# 5165
Delta R.T. -0.04 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Instrument :
BNA_N
ClientSampleId :
C0C69DL

Tgt Ion:252 Resp: 4203

Ion	Ratio	Lower	Upper
252	100		
253	43.0	19.4	29.0#
125	40.0	12.4	18.6#

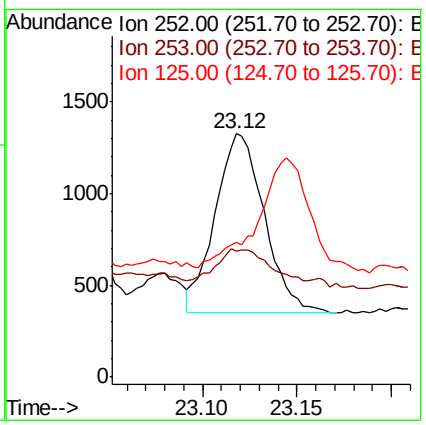


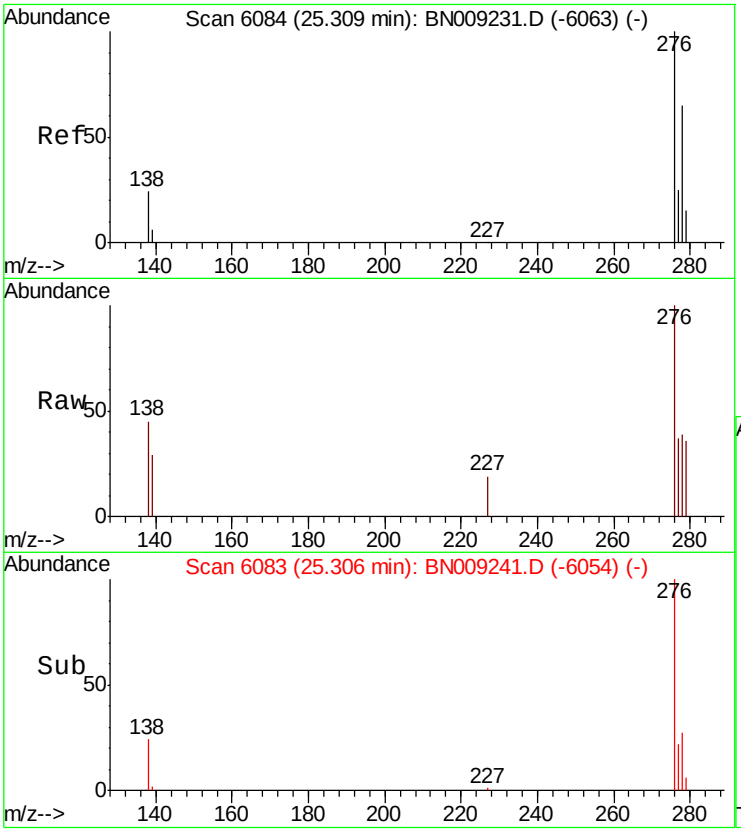


#23
Benzo(a)pyrene
Concen: 0.054 ng/ul
RT: 23.12 min Scan# 5348
Delta R.T. -0.01 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Tgt Ion:252 Resp: 1759

Ion	Ratio	Lower	Upper
252	100		
253	51.6	20.2	30.4#
125	55.6	13.2	19.8#



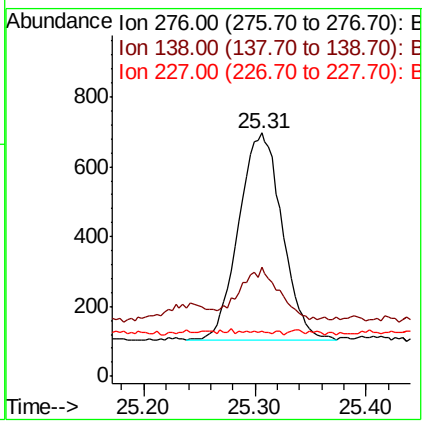


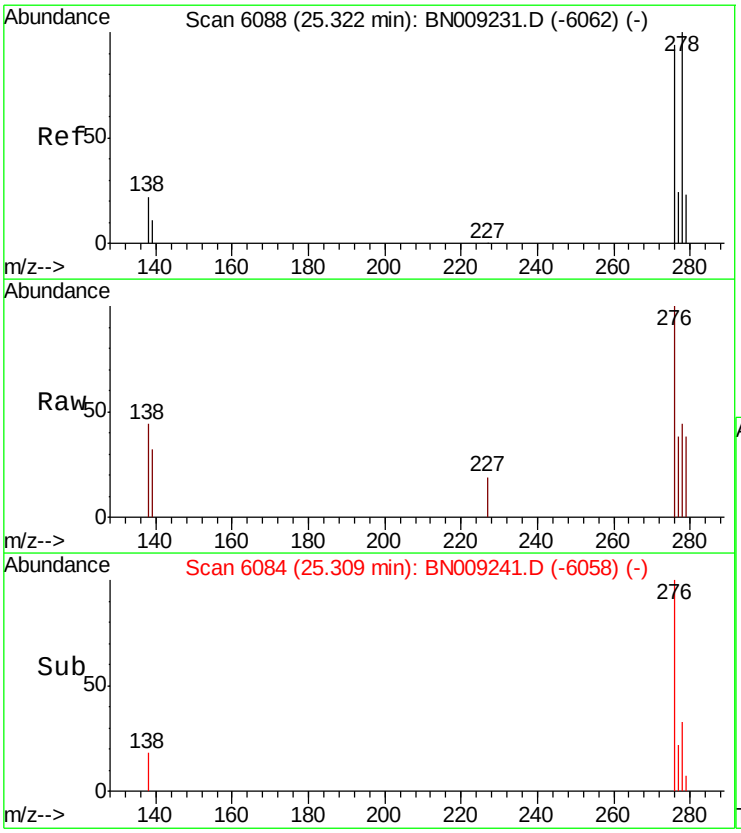
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 25.31 min Scan# 6083
Delta R.T. -0.00 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Instrument :
BNA_N
ClientSampleId :
C0C69DL

Tgt Ion:276 Resp: 1597

Ion	Ratio	Lower	Upper
276	100		
138	23.2	22.4	33.6
227	0.3	0.2	0.4

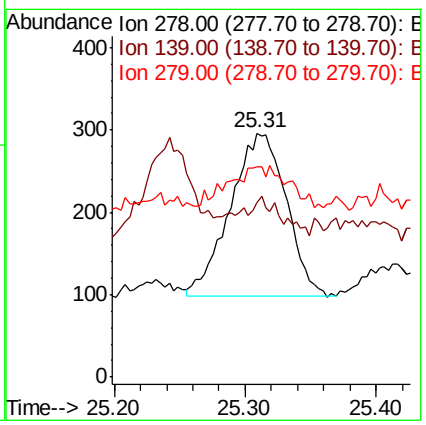


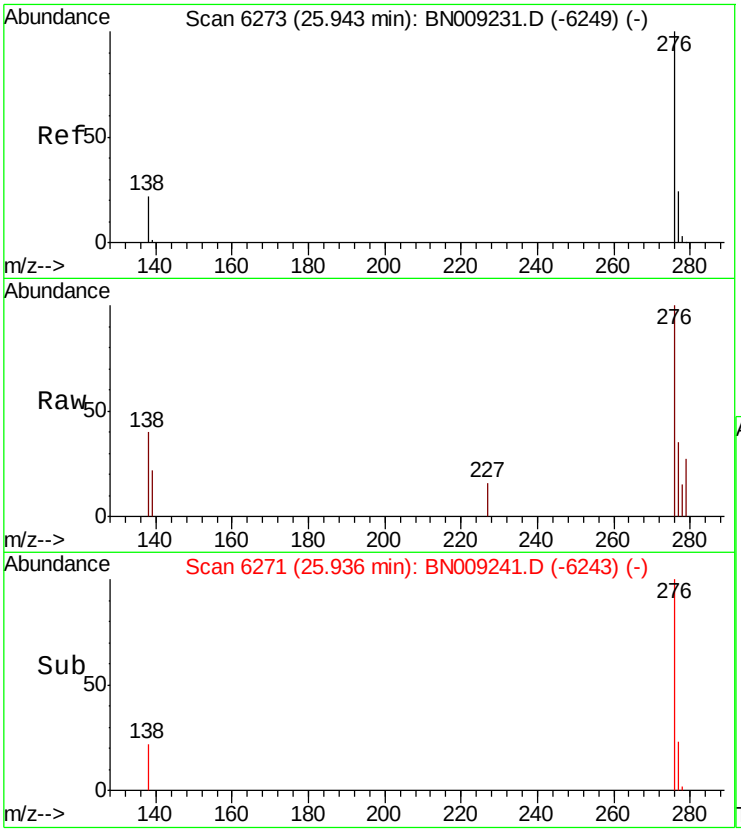


#25
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.31 min Scan# 6084
Delta R.T. -0.01 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Tgt Ion:278 Resp: 589

Ion	Ratio	Lower	Upper
278	100		
139	71.6	16.2	24.2#
279	86.1	20.3	30.5#





#26
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 25.94 min Scan# 6271
Delta R.T. -0.01 min
Lab File: BN009241.D
Acq: 28 Dec 2019 22:52

Instrument :
BNA_N
ClientSampleId :
C0C69DL

Tgt Ion:276 Resp: 2032

Ion	Ratio	Lower	Upper
276	100		
138	39.6	20.6	30.8#
277	35.3	19.6	29.4#