Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032359.D
Acq On : 01 Jul 2024 12:48
Operator : MA/JU
Sample : P2871-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DN7

Quant Time: Jul 01 13:18:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	6035	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	19373	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.253	164	10650	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.012	188	18985	0.400	ng/ul	-0.01
17) Chrysene-d12	21.217	240	14623	0.400	ng/ul	# 0.00
23) Perylene-d12	23.436	264	16927	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	3455	0.515	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	9184	0.316	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	16730	0.380	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.431	128	454054	8.856	ng/ul	99
10) Acenaphthylene	13.976	152	155329	3.507	ng/ul	99
11) Acenaphthene	14.318	153	299478	8.712	ng/ul	98
12) Fluorene	15.313	166	144615	3.530	ng/ul	98
15) Phenanthrene	17.050	178	159697	3.068	ng/ul	100
16) Anthracene	17.143	178	768337	16.550	ng/ul	99
19) Fluoranthene	19.078	202	250327	4.496	ng/ul	99
20) Pyrene	19.445	202	122324	2.102	ng/ul	98
21) Benzo(a)anthracene	21.200	228	233341	4.421	ng/ul	100
22) Chrysene	21.252	228	90502	1.562	ng/ul	99
24) Benzo(b)fluoranthene	22.766	252	210459	2.862	ng/ul	95
25) Benzo(k)fluoranthene	22.810	252	253042	3.541	ng/ul	96
26) Benzo(a)pyrene	23.339	252	78417	1.533	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.666	276	464065	5.792	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.676	278	332728	5.590	ng/ul	96
29) Benzo(g,h,i)perylene	26.354	276	289482	4.536	ng/ul	98

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

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Misc :
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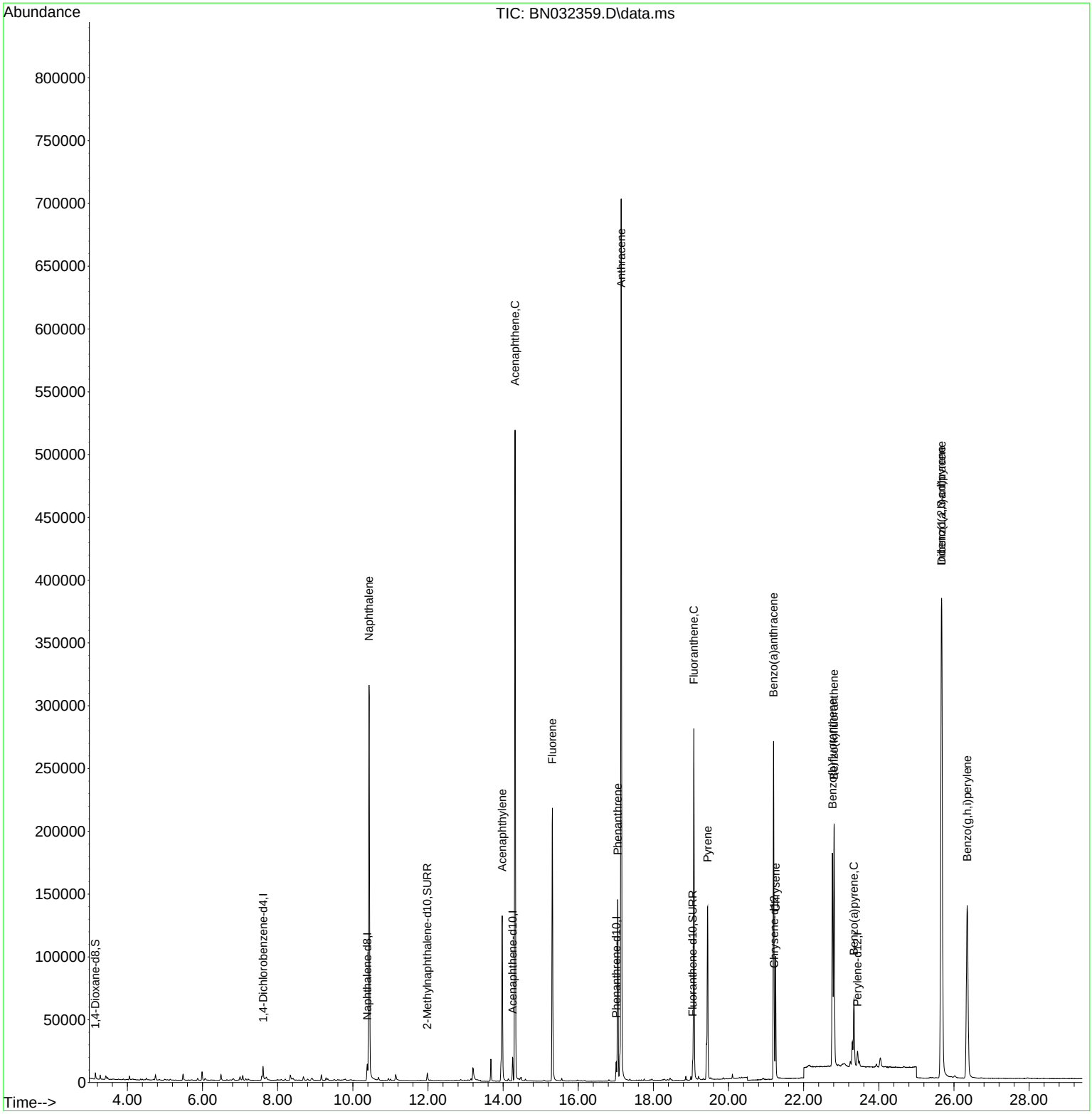
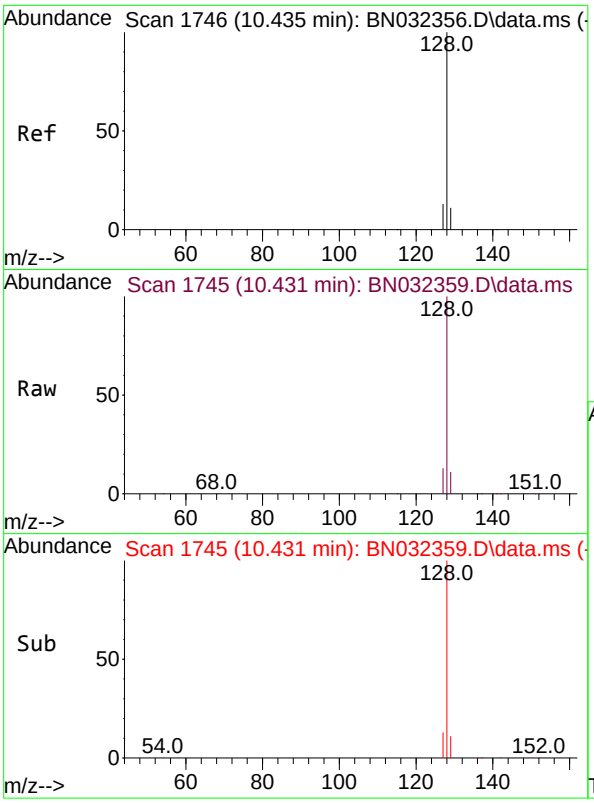


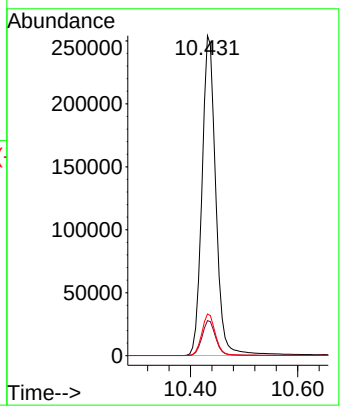


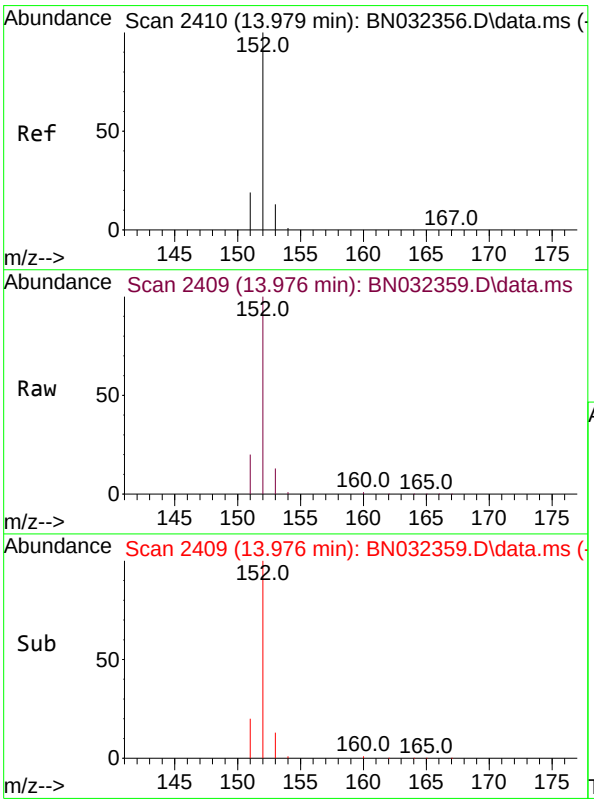
#5
Naphthalene
Concen: 8.856 ng/ul
RT: 10.431 min Scan# 1
Delta R.T. -0.016 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Instrument :
BNA_N
ClientSampleId :
A4DN7

Tgt Ion:128 Resp: 454054

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.0	10.8	16.2

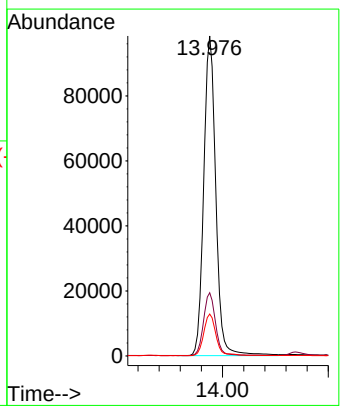


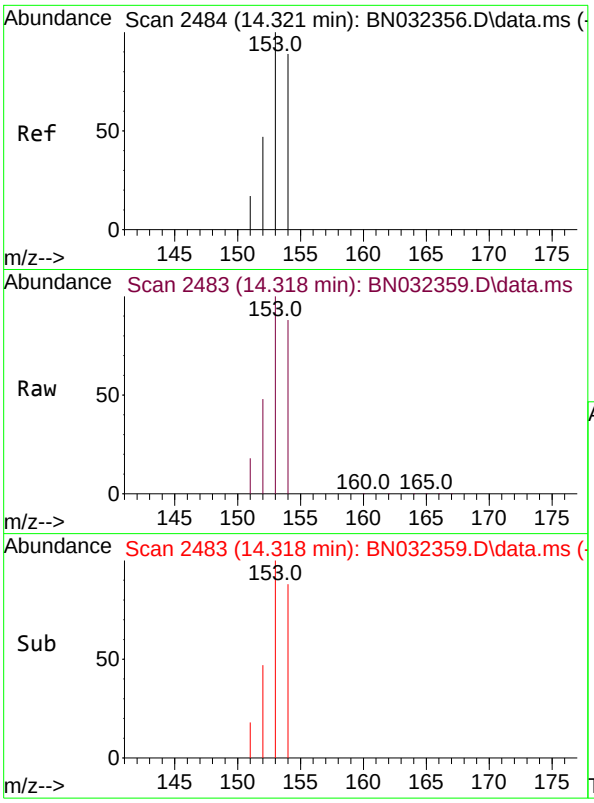


#10
Acenaphthylene
Concen: 3.507 ng/ul
RT: 13.976 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Tgt Ion:152 Resp: 155329

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.9	16.3



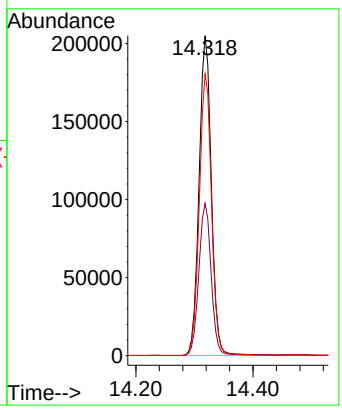


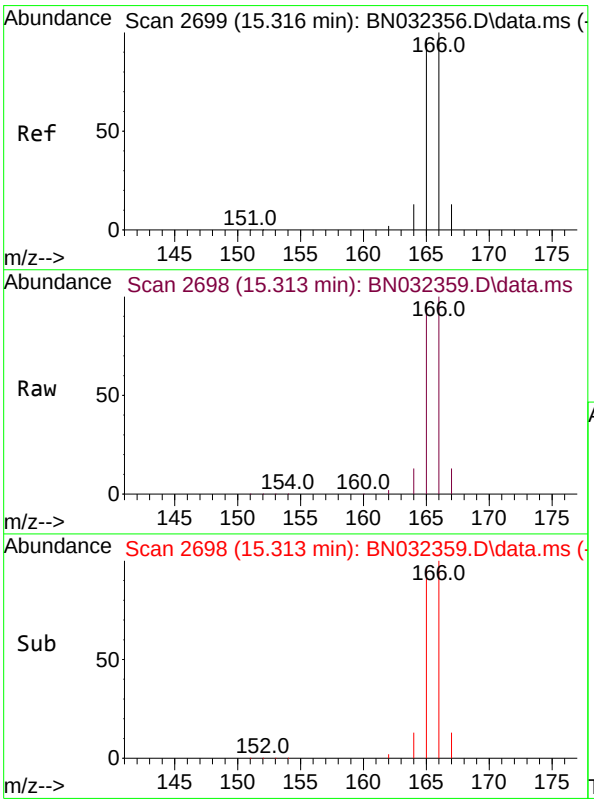
#11
Acenaphthene
Concen: 8.712 ng/ul
RT: 14.318 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Instrument :
BNA_N
ClientSampleId :
A4DN7

Tgt Ion:153 Resp: 299478

Ion	Ratio	Lower	Upper
153	100		
152	47.5	39.5	59.3
154	87.9	71.7	107.5

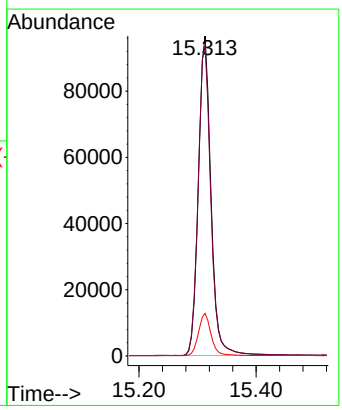


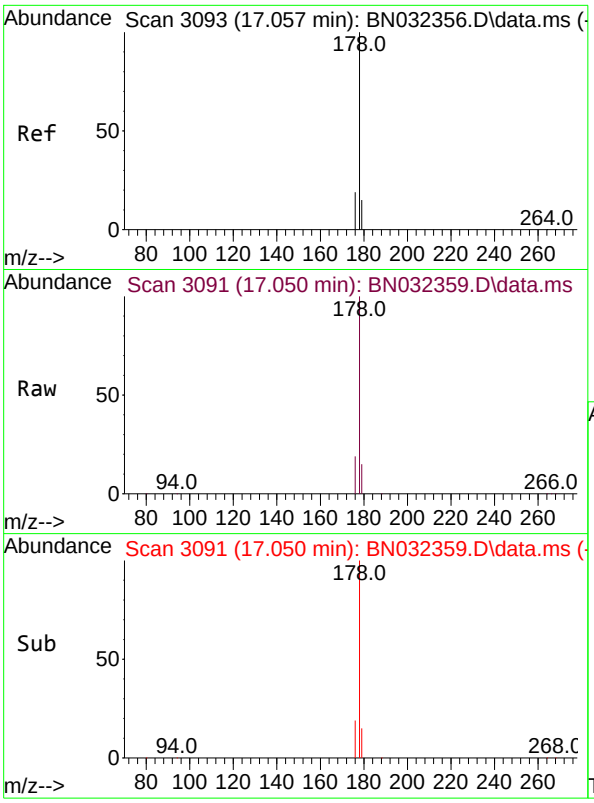


#12
Fluorene
Concen: 3.530 ng/ul
RT: 15.313 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Tgt Ion:166 Resp: 144615

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.0	118.6
167	13.3	11.0	16.6



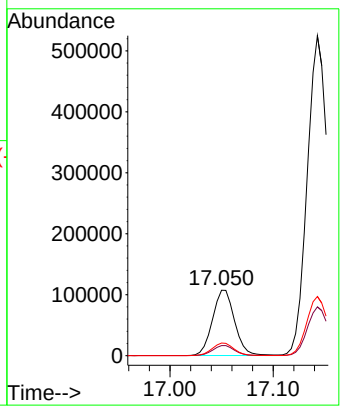


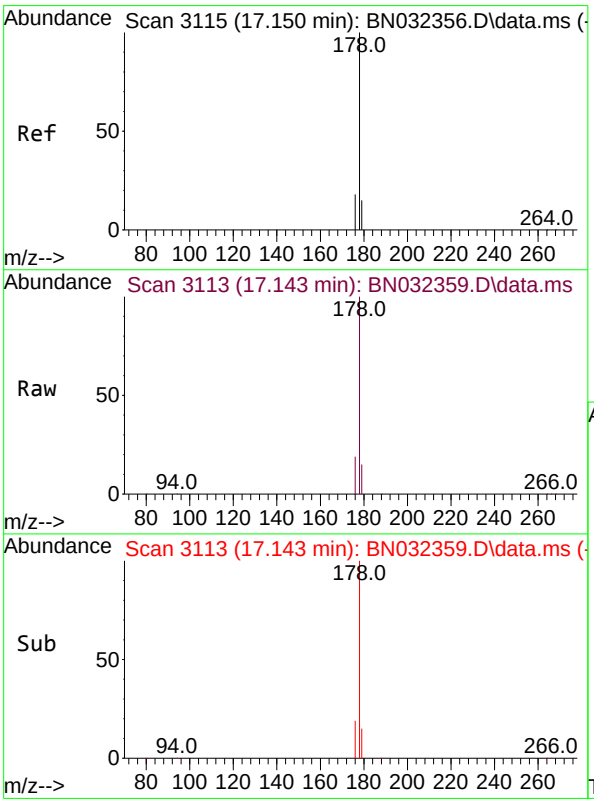
#15
Phenanthrene
Concen: 3.068 ng/ul
RT: 17.050 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Instrument :
BNA_N
ClientSampleId :
A4DN7

Tgt Ion:178 Resp: 159697

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.4	15.6	23.4

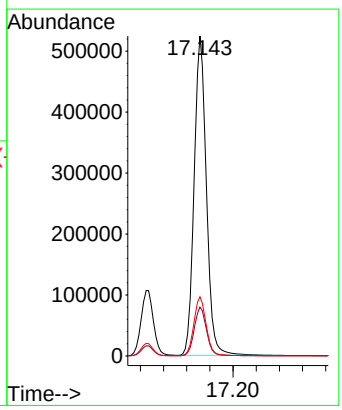


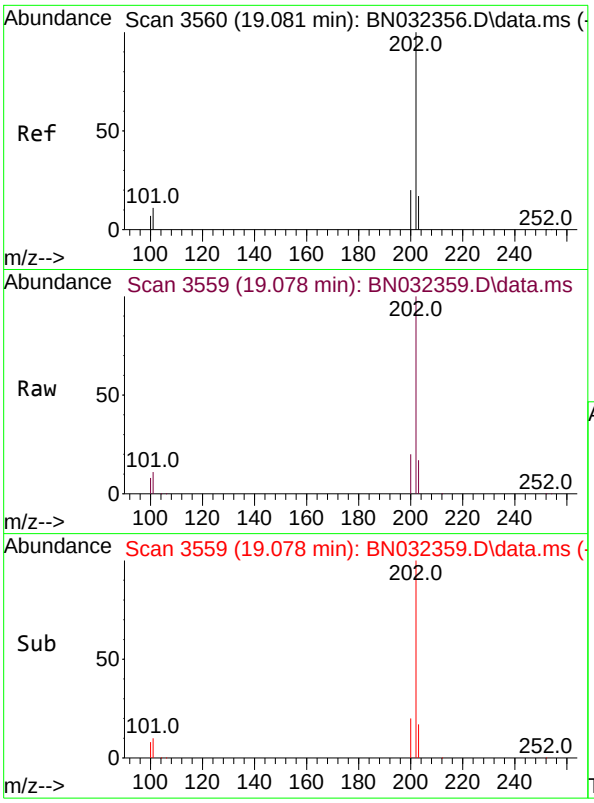


#16
Anthracene
Concen: 16.550 ng/ul
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Tgt Ion:178 Resp: 768337

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	18.5	15.0	22.6



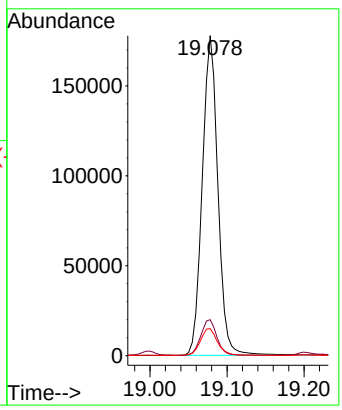


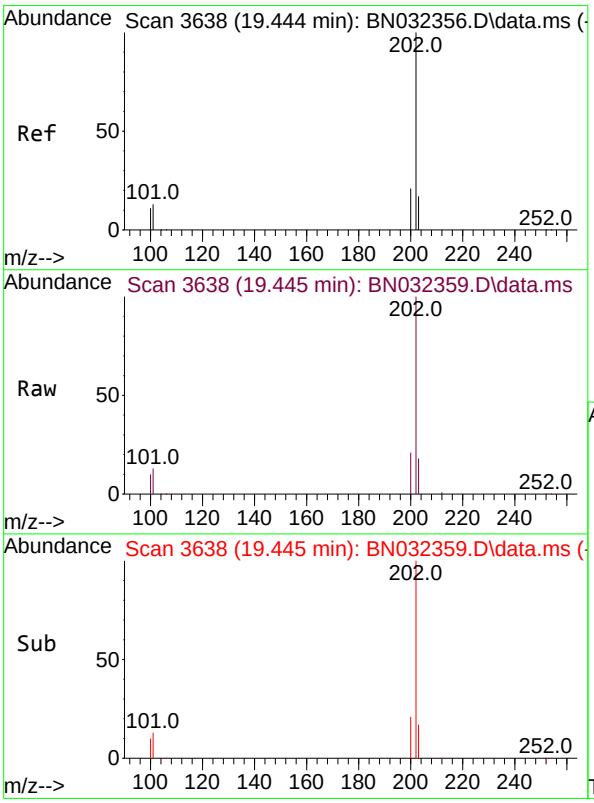
#19
Fluoranthene
Concen: 4.496 ng/ul
RT: 19.078 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Instrument :
BNA_N
ClientSampleId :
A4DN7

Tgt Ion:202 Resp: 250327

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
100	8.5	6.4	9.6

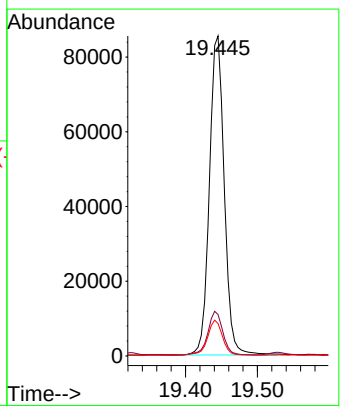


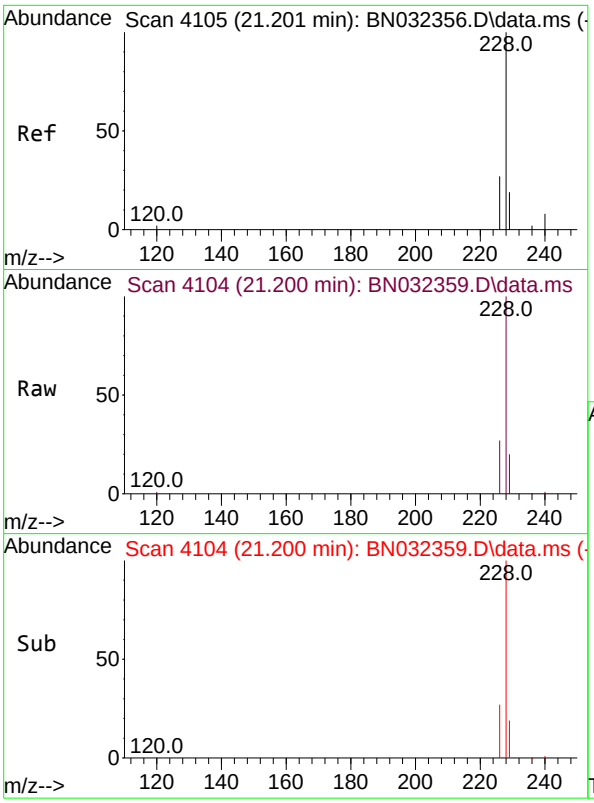


#20
Pyrene
Concen: 2.102 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Tgt Ion:202 Resp: 122324

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.0	16.4
100	10.1	8.7	13.1



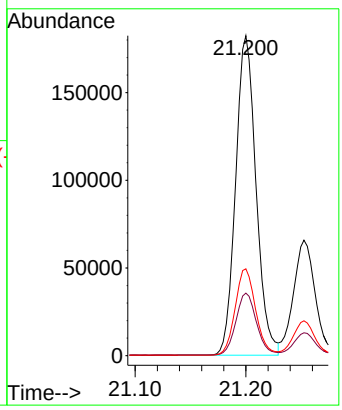


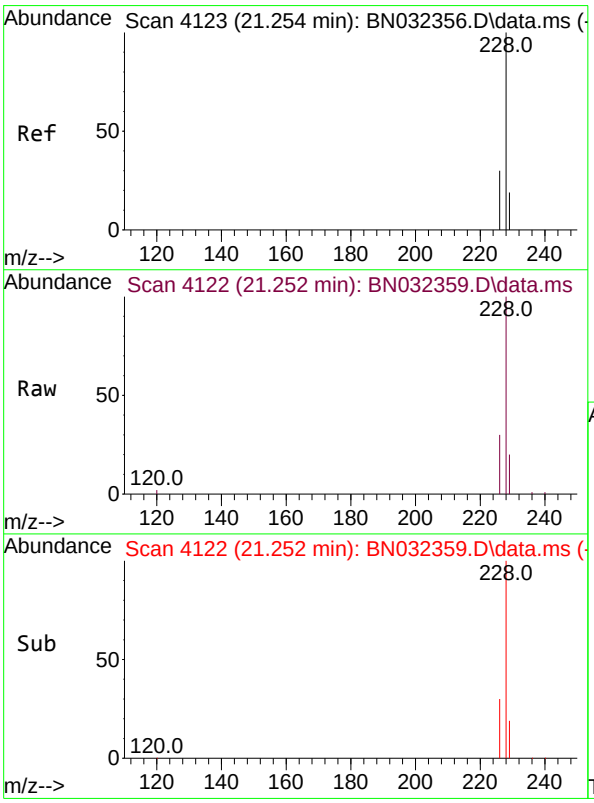
#21
Benzo(a)anthracene
Concen: 4.421 ng/ul
RT: 21.200 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Instrument :
BNA_N
ClientSampleId :
A4DN7

Tgt Ion:228 Resp: 233341

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.2	21.8	32.8

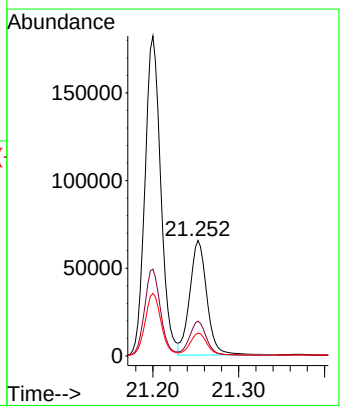


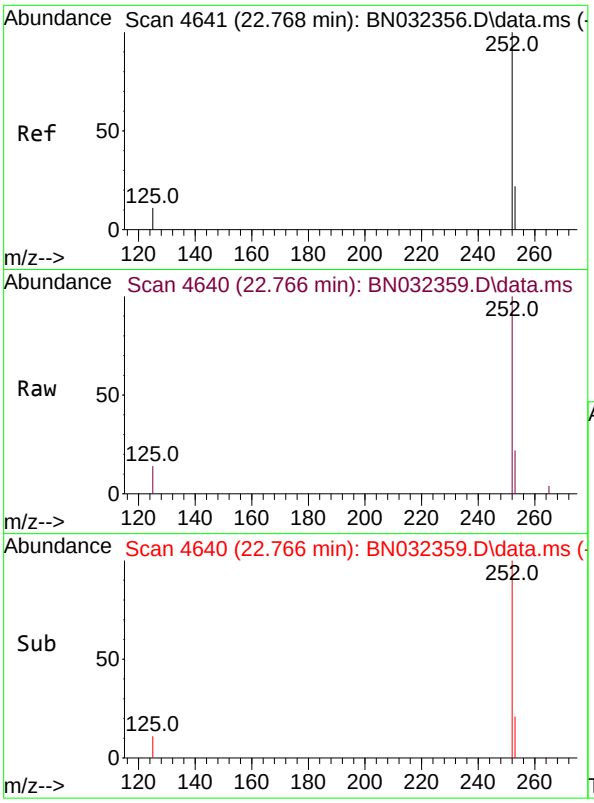


#22
Chrysene
Concen: 1.562 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Tgt Ion:228 Resp: 90502

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.6	35.4
229	19.8	15.7	23.5



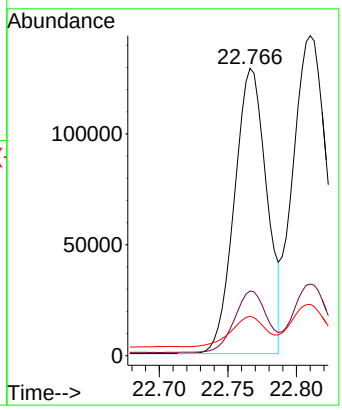


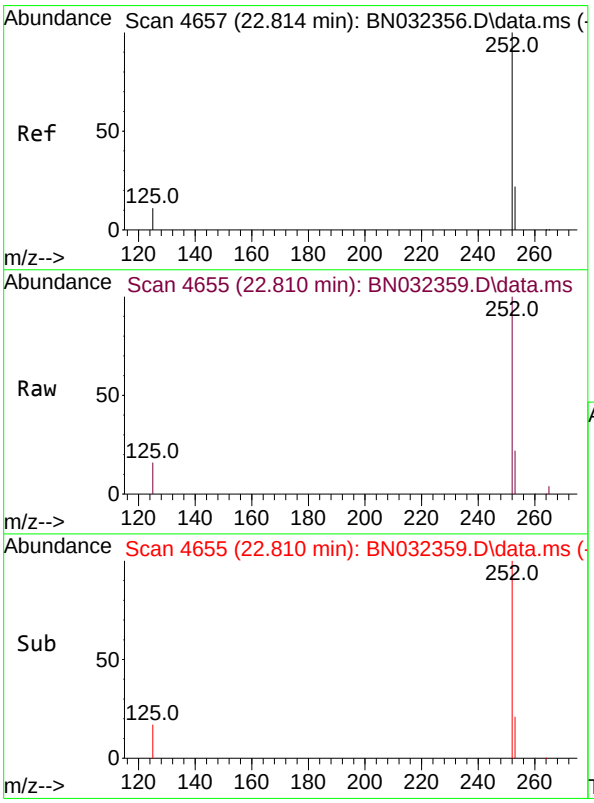
#24
Benzo(b)fluoranthene
Concen: 2.862 ng/ul
RT: 22.766 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Instrument :
BNA_N
ClientSampleId :
A4DN7

Tgt Ion:252 Resp: 210459

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	50.2
125	13.7	0.0	32.0

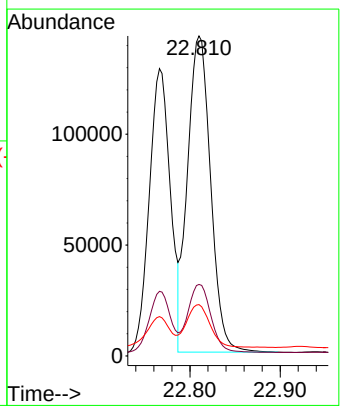


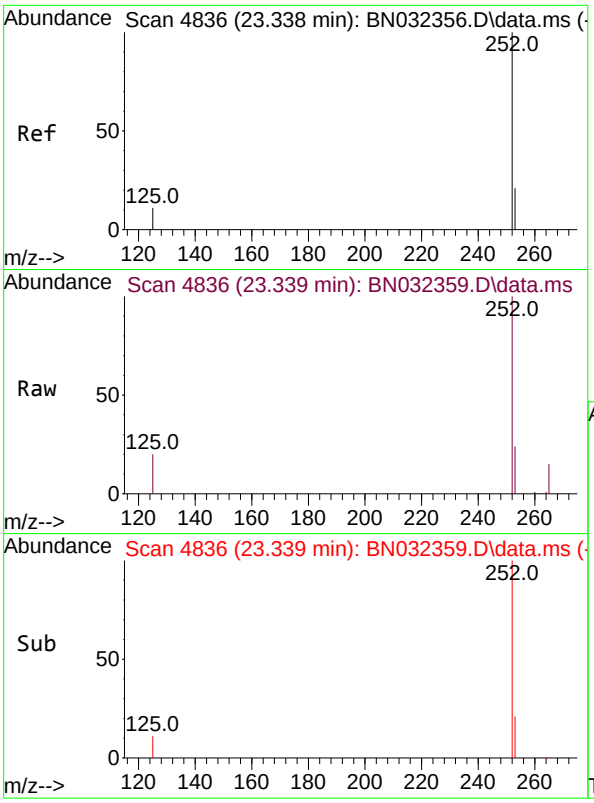


#25
Benzo(k)fluoranthene
Concen: 3.541 ng/ul
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Tgt Ion:252 Resp: 253042

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.3	30.5
125	16.1	12.8	19.2



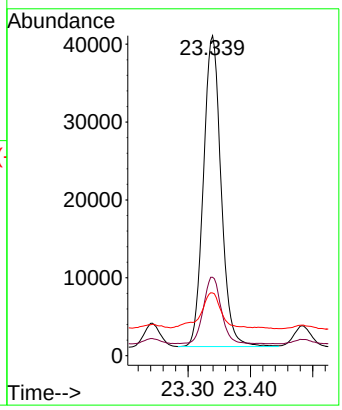


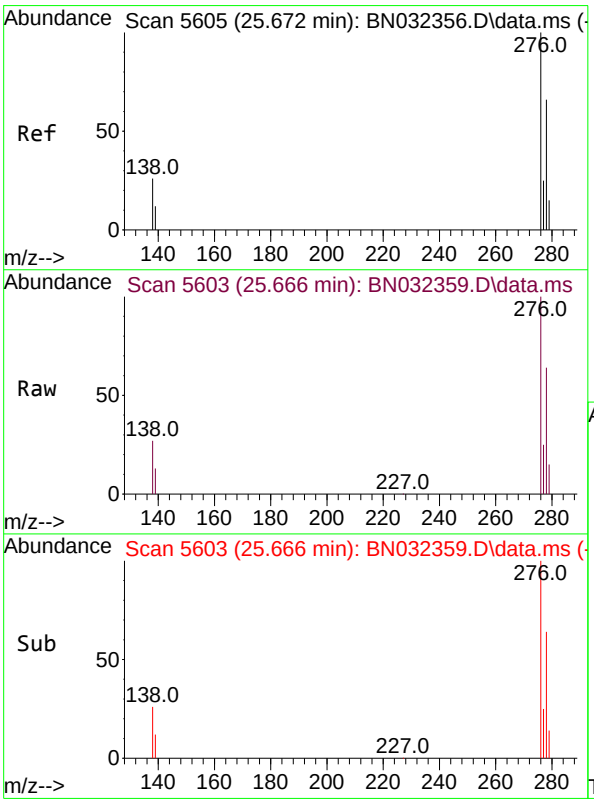
#26
Benzo(a)pyrene
Concen: 1.533 ng/ul
RT: 23.339 min Scan# 4
Delta R.T. -0.020 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Instrument :
BNA_N
ClientSampleId :
A4DN7

Tgt Ion:252 Resp: 78417

Ion	Ratio	Lower	Upper
252	100		
253	24.5	22.2	33.2
125	19.6	16.4	24.6

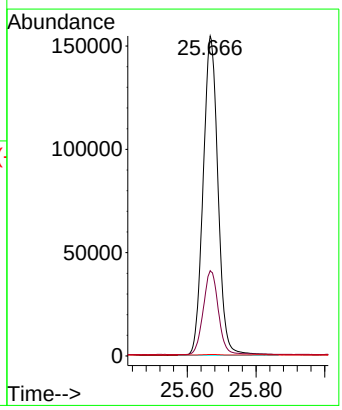


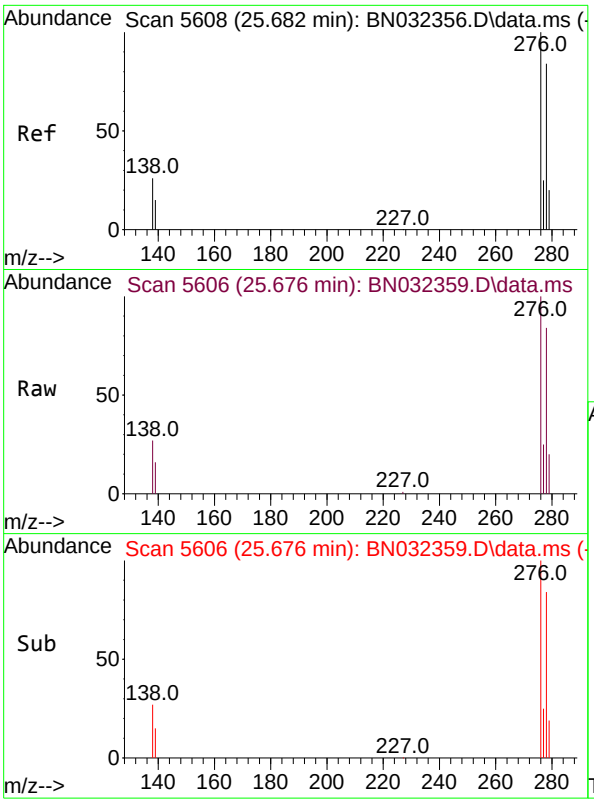


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.792 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. -0.034 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Tgt Ion:276 Resp: 464065

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.3	31.9
227	0.2	0.1	0.1#



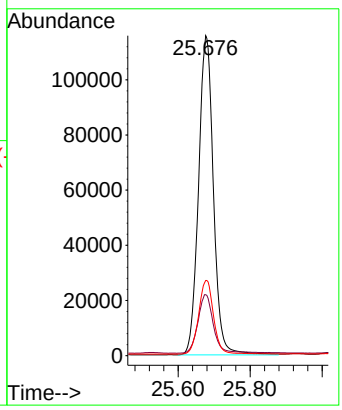


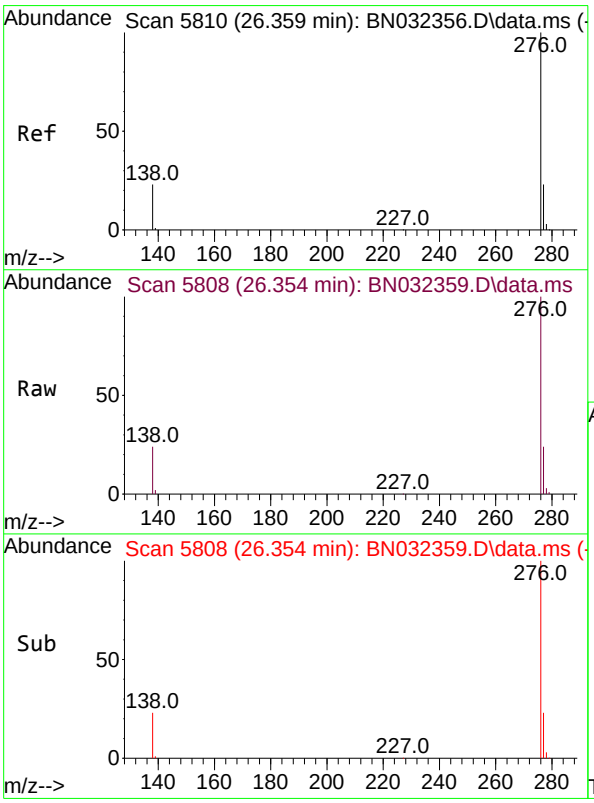
#28
Dibenzo(a,h)anthracene
Concen: 5.590 ng/ul
RT: 25.676 min Scan# 5
Delta R.T. -0.034 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Instrument :
BNA_N
ClientSampleId :
A4DN7

Tgt Ion:278 Resp: 332728

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.9	23.9
279	23.5	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 4.536 ng/ul
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032359.D
Acq: 01 Jul 2024 12:48

Tgt Ion:276 Resp: 289482

Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.8	29.6
277	23.7	19.8	29.6